

August 2025

PORTLAND PIPE LINE CORPORATION

Chapter 171: Control of Petroleum Storage Facilities Fenceline Monitoring Quarterly Report: 2025 Quarter 2

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Sample Code	Benzene		Ethylbenzene		Xylene (m/p)		Xylene (o)		Toluene	
	Conc. ($\mu\text{g}/\text{m}^3$)	Flag	Conc. ($\mu\text{g}/\text{m}^3$)	Flag	Conc. ($\mu\text{g}/\text{m}^3$)	Flag	Conc. ($\mu\text{g}/\text{m}^3$)	Flag	Conc. ($\mu\text{g}/\text{m}^3$)	Flag
PPSP-1-B-20250326	< 0.192	ND	< 0.280	ND	< 0.280	ND	< 0.280	ND	< 0.248	ND
PPSP-1-S-20250326	0.719		< 0.280	ND	0.282	J	< 0.280	ND	0.660	
PPSP-2-S-20250326	0.697		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.553	
PPSP-3-S-20250326	0.599		< 0.280	ND	0.329	J	< 0.280	ND	0.645	
PPSP-4-S-20250326	0.747		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.630	
PPSP-5-S-20250326	0.581		< 0.280	ND	0.334	J	< 0.280	ND	0.926	
PPSP-6-S-20250326	0.585		< 0.280	ND	0.311	J	< 0.280	ND	0.797	
PPSP-7-S-20250326	0.632		< 0.280	ND	0.324	J	< 0.280	ND	0.896	
PPSP-8-D-20250326	0.627		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.833	
PPSP-8-S-20250326	0.760	I	< 0.280	ND, I	0.326	J, I	< 0.280	ND, I	1.04	I
PPSP-9-S-20250326	0.701		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.805	
PPSP-10-S-20250326	0.737		< 0.280	ND	0.461	J	0.288	J	0.942	
PPSP-11-S-20250326	0.752		< 0.280	ND	0.385	J	< 0.280	ND	0.867	
PPSP-12-S-20250326	0.961		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.735	
PPSP-13-S-20250326	0.630		< 0.280	ND	< 0.280	ND	< 0.280	ND	0.593	
PPSP-1-B-20250409	< 0.191	ND	< 0.278	ND	< 0.278	ND	< 0.278	ND	< 0.246	ND
PPSP-1-S-20250409	0.693		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.617	
PPSP-2-S-20250409	0.581		< 0.278	ND	0.311	J	< 0.278	ND	1.27	
PPSP-3-S-20250409	0.454		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.581	
PPSP-4-S-20250409	0.458		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.568	
PPSP-5-S-20250409	0.665		< 0.278	ND	< 0.278	ND	< 0.278	ND	1.65	
PPSP-6-S-20250409	0.481		< 0.278	ND	0.291	J	< 0.278	ND	0.65	
PPSP-7-S-20250409	0.503		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.786	
PPSP-8-D-20250409	0.535		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.785	
PPSP-8-S-20250409	0.433		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.694	
PPSP-9-S-20250409	0.622		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.533	J
PPSP-10-S-20250409	0.706		< 0.278	ND	< 0.278	ND	< 0.278	ND	1.92	
PPSP-11-S-20250409	0.824		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.896	
PPSP-12-S-20250409	0.872		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.834	
PPSP-13-S-20250409	0.623		< 0.278	ND	< 0.278	ND	< 0.278	ND	0.822	
PPSP-1-B-20250423	< 0.189	ND	< 0.276	ND	< 0.276	ND	< 0.276	ND	< 0.244	ND,P
PPSP-1-S-20250423	0.579		< 0.276	ND	< 0.276	ND	< 0.276	ND	3.63	P
PPSP-2-S-20250423	0.518		< 0.276	ND	< 0.276	J	< 0.276	ND	0.467	J,P
PPSP-3-S-20250423	0.541		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.443	J,P
PPSP-4-S-20250423	0.398		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.488	J,P
PPSP-5-S-20250423	0.390		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.511	J,P
PPSP-6-S-20250423	0.460		< 0.276	ND	< 0.276	J	< 0.276	ND	1.14	P
PPSP-7-S-20250423	0.471		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.509	J,P
PPSP-8-D-20250423	0.555		< 0.276	ND	< 0.276	ND	< 0.276	ND	1.11	P
PPSP-8-S-20250423	0.574		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.562	P
PPSP-9-S-20250423	0.594		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.522	J,P
PPSP-10-S-20250423	0.708		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.693	P
PPSP-11-S-20250423	0.525		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.469	J,P
PPSP-12-S-20250423	0.569		< 0.276	ND	< 0.276	ND	< 0.276	ND	2.07	P
PPSP-13-S-20250423	0.599		< 0.276	ND	< 0.276	ND	< 0.276	ND	0.443	J,P
PPSP-1-B-20250507	< 0.189	ND	< 0.275	ND	< 0.275	ND	< 0.275	ND	0.611	
PPSP-1-S-20250507	0.684		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.40	
PPSP-2-S-20250507	0.692		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.05	
PPSP-3-S-20250507	0.499		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.893	
PPSP-4-S-20250507	0.452		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.08	
PPSP-5-S-20250507	0.428		< 0.275	ND	0.361	J	< 0.275	ND	1.49	
PPSP-6-S-20250507	0.504		< 0.275	ND	0.320	J	< 0.275	ND	2.18	
PPSP-7-S-20250507	0.397		< 0.275	ND	0.376	J	< 0.275	ND	1.45	
PPSP-8-D-20250507	0.549		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.07	
PPSP-8-S-20250507	0.480		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.883	
PPSP-9-S-20250507	0.574		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.845	
PPSP-10-S-20250507	0.595		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.01	
PPSP-11-S-20250507	0.610		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.29	
PPSP-12-S-20250507	0.601		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.783	
PPSP-13-S-20250507	0.532		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.09	

PPSP-1-B-20250521	< 0.189	ND	< 0.275	ND	< 0.275	ND	< 0.275	ND	< 0.243	ND, P
PPSP-1-S-20250521	0.506		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.727	P
PPSP-2-S-20250521	0.585		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.580	P
PPSP-3-S-20250521	0.367	J	< 0.275	ND	< 0.275	ND	< 0.275	ND	0.558	P
PPSP-4-S-20250521	0.387		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.572	P
PPSP-5-S-20250521	0.413		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.718	P
PPSP-6-S-20250521	0.397		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.687	P
PPSP-7-S-20250521	0.401		< 0.275	ND	0.284	J	< 0.275	ND	0.915	P
PPSP-8-D-20250521	0.465		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.737	P
PPSP-8-S-20250521	0.484		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.40	P
PPSP-9-S-20250521	0.650		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.920	P
PPSP-10-S-20250521	0.688		< 0.275	ND	0.282	J	< 0.275	ND	0.670	P
PPSP-11-S-20250521	0.687		< 0.275	ND	< 0.275	ND	< 0.275	ND	1.60	P
PPSP-12-S-20250521	0.633		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.764	P
PPSP-13-S-20250521	0.427		< 0.275	ND	< 0.275	ND	< 0.275	ND	0.535	P
PPSP-1-B-20250604	< 0.188	ND	< 0.273	ND	< 0.273	ND	< 0.273	ND	< 0.242	ND,P
PPSP-1-S-20250604	0.837		< 0.273	ND	< 0.273	ND	< 0.273	ND	0.805	P
PPSP-2-S-20250604	0.785		< 0.273	ND	0.278	J	< 0.273	ND	0.943	P
PPSP-3-S-20250604	0.815		< 0.273	ND	0.370	J	< 0.273	ND	1.65	P
PPSP-4-S-20250604	0.730		< 0.273	ND	< 0.273	ND	< 0.273	ND	2.18	P
PPSP-5-S-20250604	0.879		< 0.273	ND	< 0.273	ND	< 0.273	ND	1.16	P
PPSP-6-S-20250604	0.729		< 0.273	ND	< 0.273	ND	< 0.273	ND	0.834	P
PPSP-7-S-20250604	0.728		< 0.273	ND	< 0.273	ND	< 0.273	ND	0.983	P
PPSP-8-D-20250604	0.718		< 0.273	ND	0.317	J	< 0.273	ND	2.54	P
PPSP-8-S-20250604	0.783		< 0.273	ND	< 0.273	ND	< 0.273	ND	0.989	P
PPSP-9-S-20250604	1.27		< 0.273	ND	0.350	J	< 0.273	ND	1.45	P
PPSP-10-S-20250604	1.08		< 0.273	ND	0.408	J	< 0.273	ND	0.989	P
PPSP-11-S-20250604	1.12		< 0.273	ND	< 0.273	ND	< 0.273	ND	1.14	P
PPSP-12-S-20250604	0.745		< 0.273	ND	< 0.273	ND	< 0.273	ND	1.14	P
PPSP-13-S-20250604	0.714		< 0.273	ND	0.319	J	< 0.273	ND	2.45	P

J: Estimated value, the analyte was detected between the method detection limit and the reporting limit

I: Internal Standard recovery is outside acceptance limits

ND: That analyte was not present above the method detection limit

P: Field duplicate exceed 30% RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Summary Statistics	Benzene Conc. (µg/m ³)	Ethylbenzene Conc. (µg/m ³)	Xylene (m/p) Conc. (µg/m ³)	Xylene (o) Conc. (µg/m ³)	Toluene Conc. (µg/m ³)
Quarterly Maximum	1.27	0.280	0.461	0.288	3.63
Quarterly Average	0.620	0.276	0.291	0.276	0.993
Rolling Annual Maximum	1.98	0.587	1.37	0.594	32.8
Rolling Annual Average	--	--	--	--	--

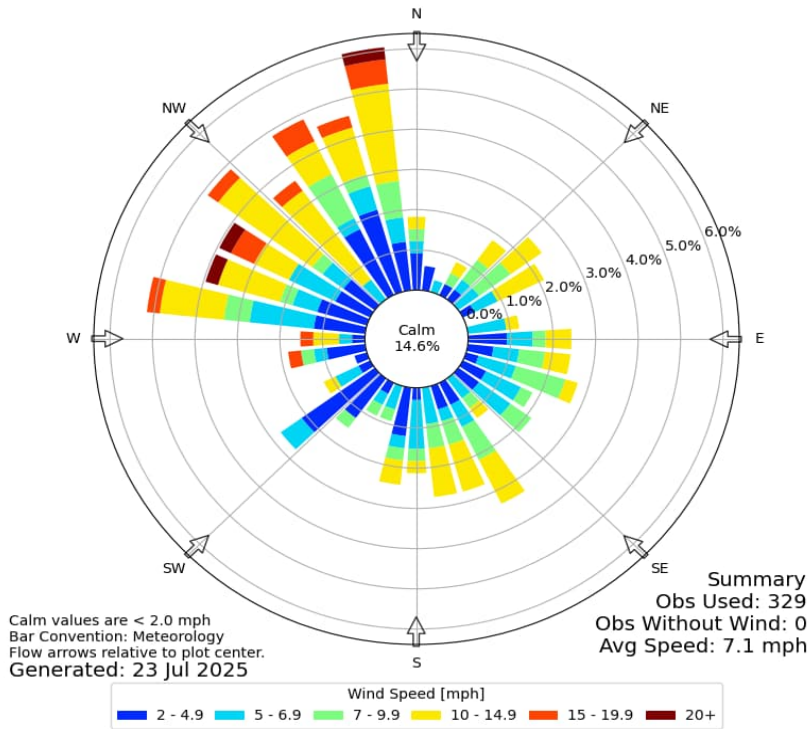
Note: Averages do not include field blanks or duplicates

Begin Date:	Start Time:	End Date:	End Time:	Avg Temp. (°F):	Avg. Bar. Pressure (in):	Avg. Wind Speed (mph):	Avg. Wind Direction:
3/26/2025	10:32 a.m. - 11:24 p.m.	4/9/2025	10:21 a.m. - 11:35 a.m.	37.9	30.0	8.0	216.8
4/9/2025	10:21 a.m. - 11:35 p.m.	4/23/2025	10:16 a.m. - 11:12 a.m.	43.9	30.0	9.7	195.7
4/23/2025	10:16 a.m. - 11:12 p.m.	5/7/2025	10:31 a.m. - 11:31 a.m.	51.1	30.0	8.3	173.9
5/7/2025	10:30 a.m. - 11:31 p.m.	5/21/2025	10:33 a.m. - 11:36 a.m.	52.7	29.9	9.1	166.7
5/21/2025	10:33 a.m. - 11:36 p.m.	6/4/2025	10:43 a.m. - 11:59 a.m.	52.2	29.9	8.9	193.6
6/4/2025	10:43 a.m. - 11:59 p.m.	6/18/2025	10:55 a.m. - 11:52 a.m.	59.9	30.0	7.2	187.2

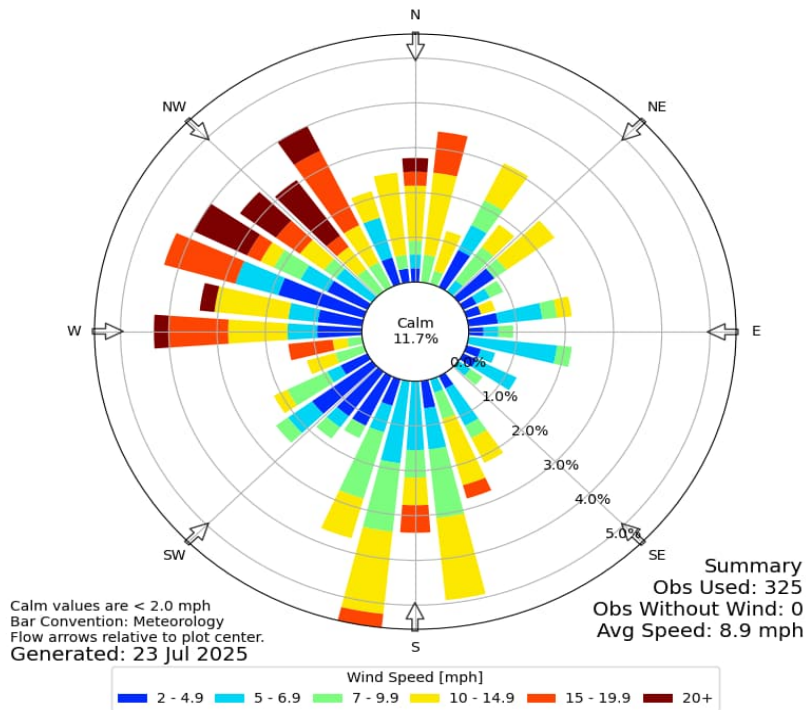
Location	Latitude	Longitude
Shelter 1	43.625044°	-70.268206°
Shelter 2	43.624461°	-70.269444°
Shelter 3	43.624128°	-70.272269°
Shelter 4	43.625869°	-70.273467°
Shelter 5	43.627444°	-70.274175°
Shelter 6	43.628351°	-70.272082°
Shelter 7	43.629353°	-70.270966°
Shelter 8	43.62845°	-70.269547°
Shelter 9	43.628232°	-70.267221°
Shelter 10	43.628461°	-70.265494°
Shelter 11	43.627796°	-70.263879°
Shelter 12	43.625964°	-70.263686°
Shelter 13	43.625017°	-70.265767°
KPWM Met	43.642222°	-70.304444°



Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 26 Mar 2025 11:51 AM - 09 Apr 2025 09:51 AM America/New_York

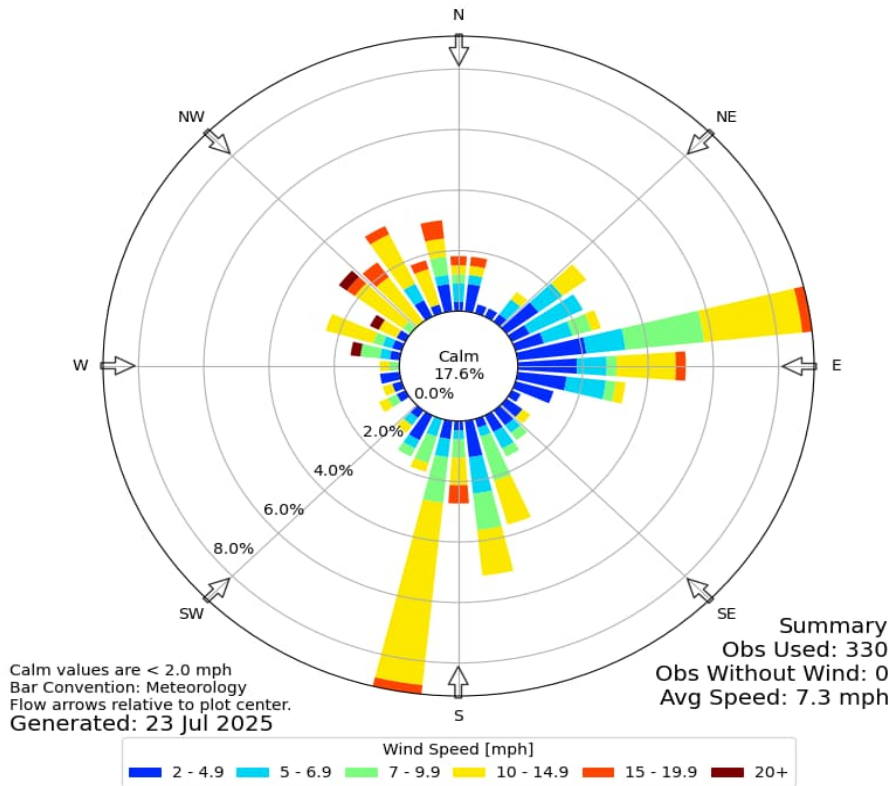


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 09 Apr 2025 01:51 PM - 23 Apr 2025 10:51 AM America/New_York

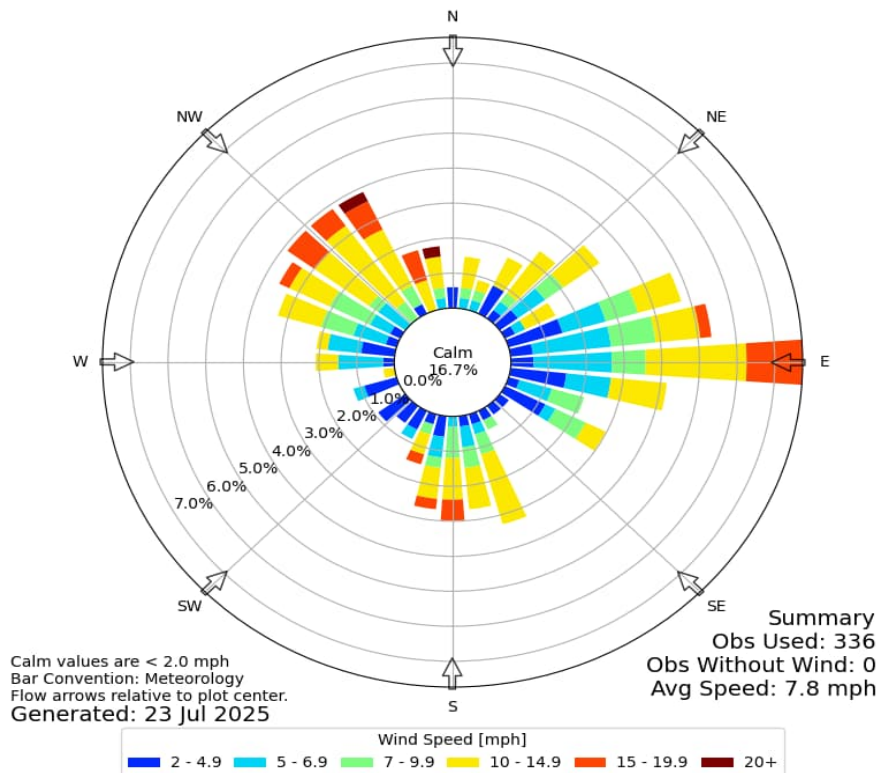




Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 23 Apr 2025 12:51 PM - 07 May 2025 10:51 AM America/New_York

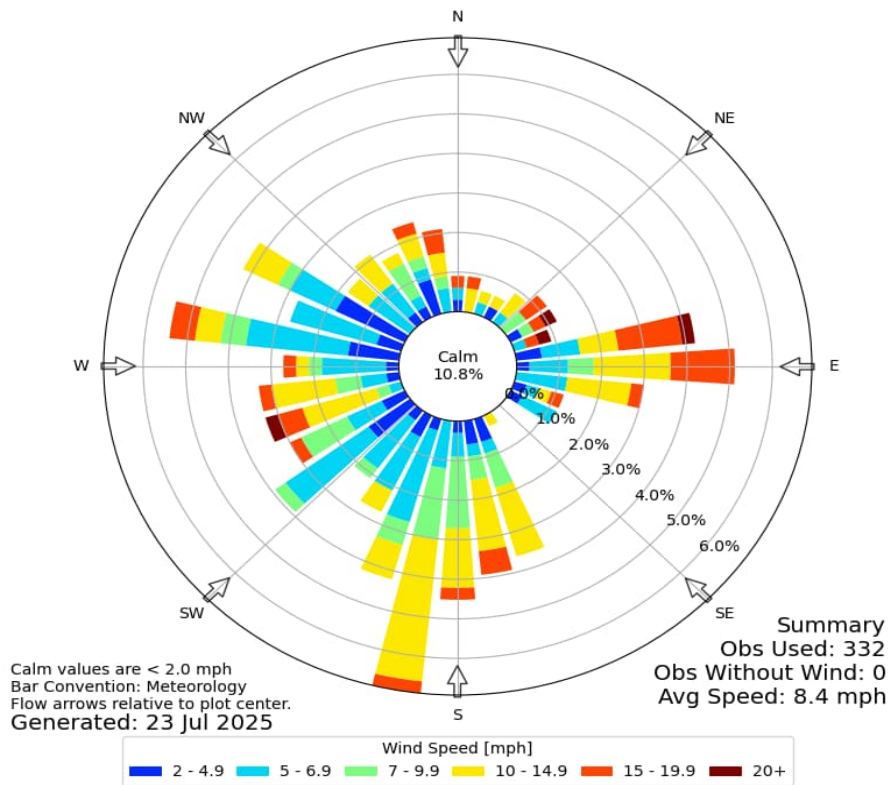


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 07 May 2025 11:51 AM - 21 May 2025 10:51 AM America/New_York

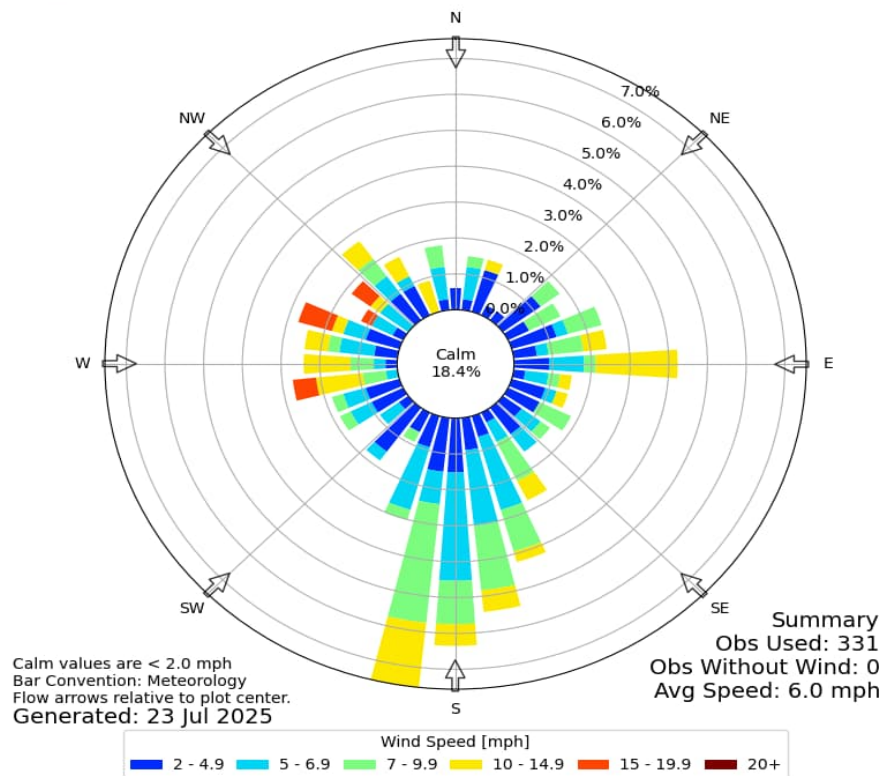




Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 21 May 2025 11:51 AM - 04 Jun 2025 10:51 AM America/New_York



Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 04 Jun 2025 11:51 AM - 18 Jun 2025 11:51 AM America/New_York



Portland Pipeline - S Portland, ME

Power Engineers, Inc.
303 U.S. Route One
Freeport, ME 04032

Sampling Event 19

Analytical Report (2025FW201)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene



Enthalpy Analytical, LLC

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

Brianna Berry

QA REVIEW PERFORMED BY

Brianna Berry
QA Associate I

Report Issued: 05/27/2025



Summary of Results



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250326	B20146	0.585		0.797		ND		0.311	J	ND	
PPSP-5-S-20250326	C17070	0.581		0.926		ND		0.334	J	ND	
PPSP-4-S-20250326	B47100	0.747		0.630		ND		ND		ND	
PPSP-3-S-20250326	C57660	0.599		0.645		ND		0.329	J	ND	
PPSP-2-S-20250326	B15039	0.697		0.553		ND		ND		ND	
PPSP-1-S-20250326	C55744	0.719		0.660		ND		0.282	J	ND	
PPSP-1-B-20250326	B43025		ND		ND	ND		ND		ND	
PPSP-13-S-20250326	B45037	0.630		0.593		ND		ND		ND	
PPSP-12-S-20250326	B44408	0.961		0.735		ND		ND		ND	
PPSP-11-S-20250326	C57729	0.752		0.867		ND		0.385	J	ND	
PPSP-10-S-20250326	C57725	0.737		0.942		ND		0.461	J	0.288	J
PPSP-9-S-20250326	B33039	0.701		0.805		ND		ND		ND	
PPSP-8-S-20250326	B17185	0.760	I	1.04	I	ND,I		0.326	J,I	ND,I	
PPSP-8-D-20250326	B50933	0.627		0.833		ND		ND		ND	
PPSP-7-S-20250326	C57722	0.632		0.896		ND		0.324	J	ND	

I: Internal Standard recovery is outside acceptance limits

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250326	B20146	0.585	0.183	7.61	38.4	0.645	20149	0.192	0.382	0.0602	0.120		P2502394.D	2025-04-18 14:42	0.821	8.397	47589	687761	90.3	8.337	0.8%
PPSP-5-S-20250326	C17070	0.581	0.182	7.56	38.4	0.645	20150	0.192	0.382	0.0602	0.119		P2502395.D	2025-04-18 15:20	0.821	8.403	45899	668248	90.3	8.349	-2.0%
PPSP-4-S-20250326	B47100	0.747	0.234	9.72	38.4	0.645	20151	0.192	0.382	0.0602	0.119		P2502396.D	2025-04-18 15:57	0.821	8.402	59890	678106	90.3	8.343	-0.6%
PPSP-3-S-20250326	C57660	0.599	0.188	7.79	38.4	0.645	20154	0.192	0.381	0.0602	0.119		P2502397.D	2025-04-18 16:34	0.821	8.402	46725	659610	90.3	8.337	-3.3%
PPSP-2-S-20250326	B15039	0.697	0.218	9.07	38.4	0.645	20155	0.192	0.381	0.0602	0.119		P2502398.D	2025-04-18 17:12	0.821	8.397	54362	659870	90.3	8.343	-3.2%
PPSP-1-S-20250326	C55744	0.719	0.225	9.35	38.4	0.645	20156	0.192	0.381	0.0602	0.119		P2502393.D	2025-04-18 14:05	0.821	8.397	57644	678145	90.3	8.331	-0.6%
PPSP-1-B-20250326	B43025				38.4	0.645	20156	0.192	0.381	0.0602	0.119	ND	P2502399.D	2025-04-18 17:49	0.821	8.337	6061	660439	90.3	8.343	-3.2%
PPSP-13-S-20250326	B45037	0.630	0.197	8.20	38.4	0.645	20159	0.192	0.381	0.0602	0.119		P2502400.D	2025-04-18 18:26	0.821	8.397	48892	655859	90.3	8.337	-3.8%
PPSP-12-S-20250326	B44408	0.961	0.301	12.5	38.4	0.645	20162	0.192	0.381	0.0602	0.119		P2502401.D	2025-04-18 19:04	0.821	8.402	73524	646811	90.3	8.343	-5.2%
PPSP-11-S-20250326	C57729	0.752	0.236	9.79	38.4	0.645	20163	0.192	0.381	0.0602	0.119		P2502402.D	2025-04-18 19:41	0.821	8.402	56792	638303	90.3	8.343	-6.4%
PPSP-10-S-20250326	C57725	0.737	0.231	9.60	38.4	0.645	20166	0.192	0.381	0.0602	0.119		P2502464.D	2025-04-22 10:23	0.814	8.408	60112	694746	90.3	8.349	6.0%
PPSP-9-S-20250326	B33039	0.701	0.220	9.13	38.4	0.645	20168	0.192	0.381	0.0602	0.119		P2502465.D	2025-04-22 10:58	0.814	8.414	57407	697440	90.3	8.355	6.5%
PPSP-8-S-20250326	B17185	0.760	0.238	9.90	38.4	0.645	20170	0.192	0.381	0.0601	0.119	I	P2502466.D	2025-04-22 11:45	0.814	8.426	85107	953663	90.3	8.367	45.6%
PPSP-8-D-20250326	B50933	0.627	0.196	8.17	38.4	0.645	20170	0.192	0.381	0.0601	0.119		P2502467.D	2025-04-22 12:33	0.814	8.408	51683	701794	90.3	8.349	7.1%
PPSP-7-S-20250326	C57722	0.632	0.198	8.23	38.4	0.645	20171	0.192	0.381	0.0601	0.119		P2502468.D	2025-04-22 13:08	0.814	8.414	50128	675825	90.3	8.355	3.2%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250326	B20146	0.797	0.212	8.04	38.4	0.501	20149	0.248	0.532	0.0658	0.141		P2502394.D	2025-04-18 14:42	0.758	10.990	48666	840505	105.3	10.901	-3.0%
PPSP-5-S-20250326	C17070	0.926	0.246	9.34	38.4	0.501	20150	0.248	0.532	0.0658	0.141		P2502395.D	2025-04-18 15:20	0.758	11.002	55295	822208	105.3	10.907	-5.1%
PPSP-4-S-20250326	B47100	0.630	0.167	6.36	38.4	0.501	20151	0.248	0.532	0.0658	0.141		P2502396.D	2025-04-18 15:57	0.758	11.002	38236	835358	105.3	10.907	-3.6%
PPSP-3-S-20250326	C57660	0.645	0.171	6.51	38.4	0.501	20154	0.248	0.531	0.0657	0.141		P2502397.D	2025-04-18 16:34	0.758	10.996	38371	818359	105.3	10.901	-5.6%
PPSP-2-S-20250326	B15039	0.553	0.147	5.58	38.4	0.501	20155	0.248	0.531	0.0657	0.141		P2502398.D	2025-04-18 17:12	0.758	11.002	32663	813274	105.3	10.901	-6.2%
PPSP-1-S-20250326	C55744	0.660	0.175	6.66	38.4	0.501	20156	0.248	0.531	0.0657	0.141		P2502393.D	2025-04-18 14:05	0.758	10.996	40556	845609	105.3	10.901	-2.4%
PPSP-1-B-20250326	B43025				38.4	0.501	20156	0.248	0.531	0.0657	0.141	ND	P2502399.D	2025-04-18 17:49	0.758	10.996	4693	820196	105.3	10.907	-5.4%
PPSP-13-S-20250326	B45037	0.593	0.158	5.99	38.4	0.501	20159	0.248	0.531	0.0657	0.141		P2502400.D	2025-04-18 18:26	0.758	10.996	35151	815065	105.3	10.901	-5.9%
PPSP-12-S-20250326	B44408	0.735	0.195	7.42	38.4	0.501	20162	0.248	0.531	0.0657	0.141		P2502401.D	2025-04-18 19:04	0.758	11.002	43699	818202	105.3	10.907	-5.6%
PPSP-11-S-20250326	C57729	0.867	0.230	8.76	38.4	0.501	20163	0.248	0.531	0.0657	0.141		P2502402.D	2025-04-18 19:41	0.758	10.996	51535	817349	105.3	10.907	-5.7%
PPSP-10-S-20250326	C57725	0.942	0.250	9.51	38.4	0.501	20166	0.247	0.531	0.0657	0.141		P2502464.D	2025-04-22 10:23	0.816	11.008	64057	868958	105.3	10.913	7.9%
PPSP-9-S-20250326	B33039	0.805	0.214	8.13	38.4	0.501	20168	0.247	0.531	0.0657	0.141		P2502465.D	2025-04-22 10:58	0.816	11.008	55421	879516	105.3	10.913	9.3%
PPSP-8-S-20250326	B17185	1.04	0.275	10.5	38.4	0.501	20170	0.247	0.531	0.0657	0.141	I	P2502466.D	2025-04-22 11:45	0.816	11.014	93203	1149690	105.3	10.919	42.8%
PPSP-8-D-20250326	B50933	0.833	0.221	8.42	38.4	0.501	20170	0.247	0.531	0.0657	0.141		P2502467.D	2025-04-22 12:33	0.816	11.008	57178	876679	105.3	10.913	8.9%
PPSP-7-S-20250326	C57722	0.896	0.238	9.05	38.4	0.501	20171	0.247	0.531	0.0657	0.141		P2502468.D	2025-04-22 13:08	0.816	11.008	62291	887865	105.3	10.913	10.3%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250326	B20146				38.4	0.443	20149	0.280	0.578	0.0645	0.133	ND	P2502394.D	2025-04-18 14:42	0.854	13.121	8801	840505	105.3	10.901	-3.0%
PPSP-5-S-20250326	C17070				38.4	0.443	20150	0.280	0.578	0.0645	0.133	ND	P2502395.D	2025-04-18 15:20	0.854	13.127	8914	822208	105.3	10.907	-5.1%
PPSP-4-S-20250326	B47100				38.4	0.443	20151	0.280	0.578	0.0645	0.133	ND	P2502396.D	2025-04-18 15:57	0.854	13.133	4404	835358	105.3	10.907	-3.6%

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250326	C57660				38.4	0.443	20154	0.280	0.577	0.0645	0.133	ND	P2502397.D	2025-04-18 16:34	0.854	13.127	6684	818359	105.3	10.901	-5.6%
PPSP-2-S-20250326	B15039				38.4	0.443	20155	0.280	0.577	0.0645	0.133	ND	P2502398.D	2025-04-18 17:12	0.854	13.133	5487	813274	105.3	10.901	-6.2%
PPSP-1-S-20250326	C55744				38.4	0.443	20156	0.280	0.577	0.0645	0.133	ND	P2502393.D	2025-04-18 14:05	0.854	13.121	6453	845609	105.3	10.901	-2.4%
PPSP-1-B-20250326	B43025				38.4	0.443	20156	0.280	0.577	0.0645	0.133	ND	P2502399.D	2025-04-18 17:49	0.854	13.139	856	820196	105.3	10.907	-5.4%
PPSP-13-S-20250326	B45037				38.4	0.443	20159	0.280	0.577	0.0645	0.133	ND	P2502400.D	2025-04-18 18:26	0.854	13.127	6740	815065	105.3	10.901	-5.9%
PPSP-12-S-20250326	B44408				38.4	0.443	20162	0.280	0.577	0.0645	0.133	ND	P2502401.D	2025-04-18 19:04	0.854	13.133	4394	818202	105.3	10.907	-5.6%
PPSP-11-S-20250326	C57729				38.4	0.443	20163	0.280	0.577	0.0645	0.133	ND	P2502402.D	2025-04-18 19:41	0.854	13.133	7929	817349	105.3	10.907	-5.7%
PPSP-10-S-20250326	C57725				38.4	0.443	20166	0.280	0.577	0.0645	0.133	ND	P2502464.D	2025-04-22 10:23	0.943	13.133	18669	868958	105.3	10.913	7.9%
PPSP-9-S-20250326	B33039				38.4	0.443	20168	0.280	0.577	0.0645	0.133	ND	P2502465.D	2025-04-22 10:58	0.943	13.133	6856	879516	105.3	10.913	9.3%
PPSP-8-S-20250326	B17185				38.4	0.443	20170	0.280	0.577	0.0645	0.133	ND,I	P2502466.D	2025-04-22 11:45	0.943	13.139	23575	1149690	105.3	10.919	42.8%
PPSP-8-D-20250326	B50933				38.4	0.443	20170	0.280	0.577	0.0645	0.133	ND	P2502467.D	2025-04-22 12:33	0.943	13.133	9057	876679	105.3	10.913	8.9%
PPSP-7-S-20250326	C57722				38.4	0.443	20171	0.280	0.577	0.0645	0.133	ND	P2502468.D	2025-04-22 13:08	0.943	13.139	9380	887865	105.3	10.913	10.3%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250326	B20146	0.311	0.0717	2.78	38.4	0.443	20149	0.280	0.546	0.0645	0.126	J	P2502394.D	2025-04-18 14:42	0.694	13.293	15375	840505	105.3	10.901	-3.0%
PPSP-5-S-20250326	C17070	0.334	0.0769	2.98	38.4	0.443	20150	0.280	0.545	0.0645	0.126	J	P2502395.D	2025-04-18 15:20	0.694	13.299	16134	822208	105.3	10.907	-5.1%
PPSP-4-S-20250326	B47100				38.4	0.443	20151	0.280	0.545	0.0645	0.126	ND	P2502396.D	2025-04-18 15:57	0.694	13.305	9238	835358	105.3	10.907	-3.6%
PPSP-3-S-20250326	C57660	0.329	0.0759	2.94	38.4	0.443	20154	0.280	0.545	0.0645	0.126	J	P2502397.D	2025-04-18 16:34	0.694	13.299	15860	818359	105.3	10.901	-5.6%
PPSP-2-S-20250326	B15039				38.4	0.443	20155	0.280	0.545	0.0645	0.126	ND	P2502398.D	2025-04-18 17:12	0.694	13.305	9154	813274	105.3	10.901	-6.2%
PPSP-1-S-20250326	C55744	0.282	0.0651	2.52	38.4	0.443	20156	0.280	0.545	0.0645	0.126	J	P2502393.D	2025-04-18 14:05	0.694	13.299	14048	845609	105.3	10.901	-2.4%
PPSP-1-B-20250326	B43025				38.4	0.443	20156	0.280	0.545	0.0645	0.126	ND	P2502399.D	2025-04-18 17:49	0.694	13.299	751	820196	105.3	10.907	-5.4%
PPSP-13-S-20250326	B45037				38.4	0.443	20159	0.280	0.545	0.0645	0.126	ND	P2502400.D	2025-04-18 18:26	0.694	13.305	10689	815065	105.3	10.901	-5.9%
PPSP-12-S-20250326	B44408				38.4	0.443	20162	0.280	0.545	0.0645	0.126	ND	P2502401.D	2025-04-18 19:04	0.694	13.305	9864	818202	105.3	10.907	-5.6%
PPSP-11-S-20250326	C57729	0.385	0.0886	3.44	38.4	0.443	20163	0.280	0.545	0.0645	0.126	J	P2502402.D	2025-04-18 19:41	0.694	13.305	18506	817349	105.3	10.907	-5.7%
PPSP-10-S-20250326	C57725	0.461	0.106	4.12	38.4	0.443	20166	0.280	0.545	0.0645	0.126	J	P2502464.D	2025-04-22 10:23	0.794	13.317	26991	868958	105.3	10.913	7.9%
PPSP-9-S-20250326	B33039				38.4	0.443	20168	0.280	0.545	0.0645	0.126	ND	P2502465.D	2025-04-22 10:58	0.794	13.311	12013	879516	105.3	10.913	9.3%
PPSP-8-S-20250326	B17185	0.326	0.0751	2.91	38.4	0.443	20170	0.280	0.545	0.0645	0.126	J,I	P2502466.D	2025-04-22 11:45	0.794	13.323	25246	1149690	105.3	10.919	42.8%
PPSP-8-D-20250326	B50933				38.4	0.443	20170	0.280	0.545	0.0645	0.126	ND	P2502467.D	2025-04-22 12:33	0.794	13.311	15051	876679	105.3	10.913	8.9%
PPSP-7-S-20250326	C57722	0.324	0.0746	2.90	38.4	0.443	20171	0.280	0.545	0.0645	0.126	J	P2502468.D	2025-04-22 13:08	0.794	13.317	19387	887865	105.3	10.913	10.3%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250326	B20146				38.4	0.443	20149	0.280	0.569	0.0645	0.131	ND	P2502394.D	2025-04-18 14:42	0.699	13.792	6559	840505	105.3	10.901	-3.0%
PPSP-5-S-20250326	C17070				38.4	0.443	20150	0.280	0.569	0.0645	0.131	ND	P2502395.D	2025-04-18 15:20	0.699	13.792	7006	822208	105.3	10.907	-5.1%
PPSP-4-S-20250326	B47100				38.4	0.443	20151	0.280	0.569	0.0645	0.131	ND	P2502396.D	2025-04-18 15:57	0.699	13.791	4329	835358	105.3	10.907	-3.6%
PPSP-3-S-20250326	C57660				38.4	0.443	20154	0.280	0.569	0.0645	0.131	ND	P2502397.D	2025-04-18 16:34	0.699	13.786	6110	818359	105.3	10.901	-5.6%
PPSP-2-S-20250326	B15039				38.4	0.443	20155	0.280	0.569	0.0645	0.131	ND	P2502398.D	2025-04-18 17:12	0.699	13.798	3444	813274	105.3	10.901	-6.2%
PPSP-1-S-20250326	C55744				38.4	0.443	20156	0.280	0.569	0.0645	0.131	ND	P2502393.D	2025-04-18 14:05	0.699	13.786	6125	845609	105.3	10.901	-2.4%

Enthalpy Analytical

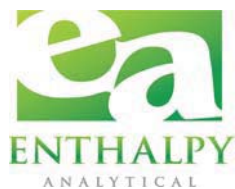
Company: Power Engineers, Inc.
Job No.: 2025FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250326	B43025				38.4	0.443	20156	0.280	0.569	0.0645	0.131	ND	P2502399.D	2025-04-18 17:49	0.699	13.649	0	820196	105.3	10.907	-5.4%
PPSP-13-S-20250326	B45037				38.4	0.443	20159	0.280	0.569	0.0645	0.131	ND	P2502400.D	2025-04-18 18:26	0.699	13.792	3993	815065	105.3	10.901	-5.9%
PPSP-12-S-20250326	B44408				38.4	0.443	20162	0.280	0.569	0.0645	0.131	ND	P2502401.D	2025-04-18 19:04	0.699	13.798	3696	818202	105.3	10.907	-5.6%
PPSP-11-S-20250326	C57729				38.4	0.443	20163	0.280	0.569	0.0645	0.131	ND	P2502402.D	2025-04-18 19:41	0.699	13.792	6852	817349	105.3	10.907	-5.7%
PPSP-10-S-20250326	C57725	0.288	0.0663	2.57	38.4	0.443	20166	0.280	0.568	0.0645	0.131	J	P2502464.D	2025-04-22 10:23	0.730	13.798	15490	868958	105.3	10.913	7.9%
PPSP-9-S-20250326	B33039				38.4	0.443	20168	0.280	0.568	0.0645	0.131	ND	P2502465.D	2025-04-22 10:58	0.730	13.798	5079	879516	105.3	10.913	9.3%
PPSP-8-S-20250326	B17185				38.4	0.443	20170	0.280	0.568	0.0645	0.131	ND,I	P2502466.D	2025-04-22 11:45	0.730	13.804	12496	1149690	105.3	10.919	42.8%
PPSP-8-D-20250326	B50933				38.4	0.443	20170	0.280	0.568	0.0645	0.131	ND	P2502467.D	2025-04-22 12:33	0.730	13.804	5282	876679	105.3	10.913	8.9%
PPSP-7-S-20250326	C57722				38.4	0.443	20171	0.280	0.568	0.0645	0.131	ND	P2502468.D	2025-04-22 13:08	0.730	13.798	7221	887865	105.3	10.913	10.3%

I: Internal Standard recovery is outside acceptance limits
J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250326	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250326	19%	Pass	22%	Pass	ND	Pass	ND	Pass	ND	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Site	Portland Pipeline - S Portland, ME
Report #	2025FW201

Custody	Enthalpy Analytical, LLC received the sample tubes on 04/17/25. The samples were received in good condition at a temperature of 15.3 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for benzene, toluene, ethylbenzene, m-/p-xylenes, and o-xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. Sample PPSP-8-S-20250326 (tube ID B17185) exceeded 40% difference in the internal standard (IS) response from the daily CCV and features a retention time shift. An attempt was made to purge the tube with room-temperature nitrogen before reanalysis, but the IS response did not improve. No assignable cause could be determined for the high recovery. The sample has been flagged “I” to denote the IS recovery being outside acceptance limits and should be considered estimated.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.



Enthalpy Analytical Narrative Summary (continued)

All samples were reported as amount in ng catch, and concentration in $\mu\text{g}/\text{m}^3$ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory.

These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.



Enthalpy Analytical LDEQ Certification Statement

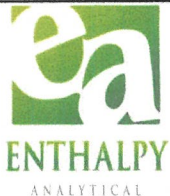
Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) under **Certificate Number 04010**. The methods included in this report are listed in the table below along with Enthalpy-Durham's accreditation status with LDEQ and any analytes that Enthalpy-Durham does not hold accreditation for.

Method	Accredited by LDEQ?	Analytes of an Accredited Method that are not Accredited
EPA M325B	Yes	N/A

Sample Custody



2025FW201



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 2

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
 • All TATs Subject to Approval by Enthalpy Analytical, LLC
 • Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #		
City:			Project Manager: Tom Rolfson			Sorbent:		
State			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	B20146	sample	3/26/25	10:32 AM	4/9/25	10:21 AM	JB / JB		
5	C17070	sample	3/26/25	10:36 AM	4/9/25	10:26 AM	JB / JB		
4	B47100	sample	3/26/25	10:40 AM	4/9/25	10:31 AM	JB / JB		
3	C57660	sample	3/26/25	10:44 AM	4/9/25	10:38 AM	JB / JB		
2	B15039	sample	3/26/25	10:49 AM	4/9/25	10:44 AM	JB / JB		
1	C55744	① blank sample	3/26/25	10:54 AM	4/9/25	10:50 AM	JB / JB		
1	B43025	① sample blank	3/26/25	10:54 AM	4/9/25	10:50 AM	JB / JB		
13	B45037	sample	3/26/25	10:57 AM	4/9/25	10:56 AM	JB / JB		

Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): Jennifer Bowidowicz		Relinquished Date: 4/16/2025		Relinquished Time:	
Received By (printed): Megan Allen		Received By (signature): [Signature]		Receipt Date: 4-17-2025		Receipt Time: 1:25	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal Intact? Y/N: yes		Delivery tracking #	
Ice Temp:	Blank Temp: 15.3	Fluke		Add Custody Seal # below: 24607719			

Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you ① e.e. by client. Msc 5/27/25

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2025FW201



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 2 of # 2

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
 • All TATs Subject to Approval by Enthalpy Analytical, LLC
 • Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #:		
City:			Project Manager: Tom Rolfson			Sorbent:		
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

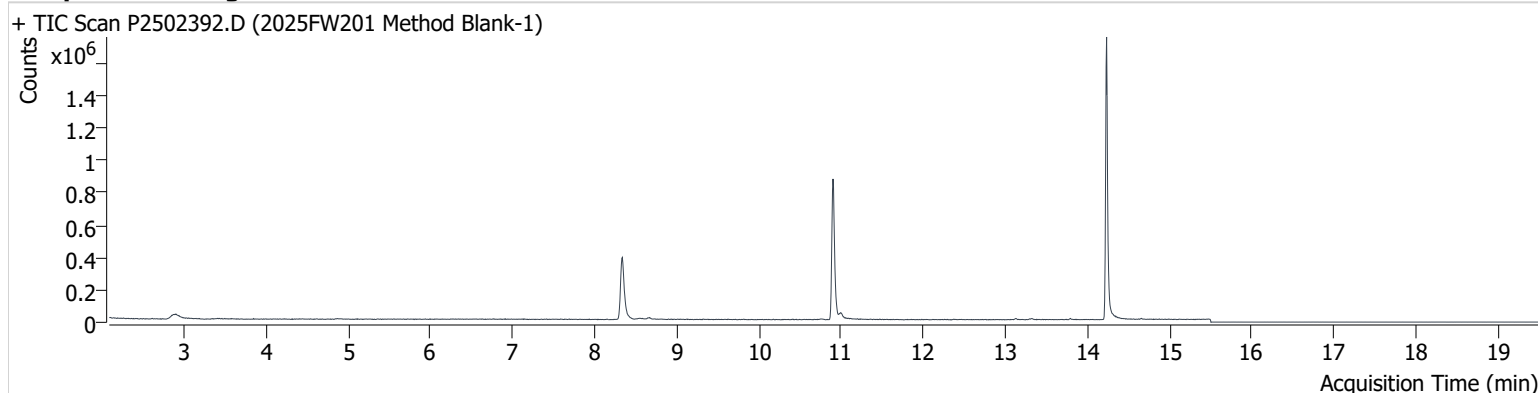
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (InHg)	Avg. Ambient Temp. (°F)
12	B44408	sample	3/26/25	11:03 AM	4/9/25	11:05 AM	JB / JB		
11	C57729	sample	3/26/25	11:07 AM	4/9/25	11:10 AM	JB / JB		
10	C57725	sample	3/26/25	11:11 AM	4/9/25	11:17 AM	JB / JB		
9	B33039	sample	3/26/25	11:14 AM	4/9/25	11:22 AM	JB / JB		
8	B17185	sample	3/26/25	11:20 AM	4/9/25	11:30 AM	JB / JB		
8	B50933	duplicate	3/26/25	11:20 AM	4/9/25	11:30 AM	JB / JB		
7	C57722	sample	3/26/25	11:24 AM	4/9/25	11:35 AM	JB / JB		

Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): <i>Jennifer Bowidowicz</i>		Relinquished Date: 4/16/2025		Relinquished Time:	
Received By (printed): Megan Allen		Received By (signature): <i>Megan Allen</i>		Receipt Date: 4.17.2025		Receipt Time: 1:25	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal Intact? Y/N: yes		Delivery tracking #	
Ice Temp:	Blank Temp: 15.3	Fwkey		Add Custody Seal # below: 24607719			
Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you							
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com							

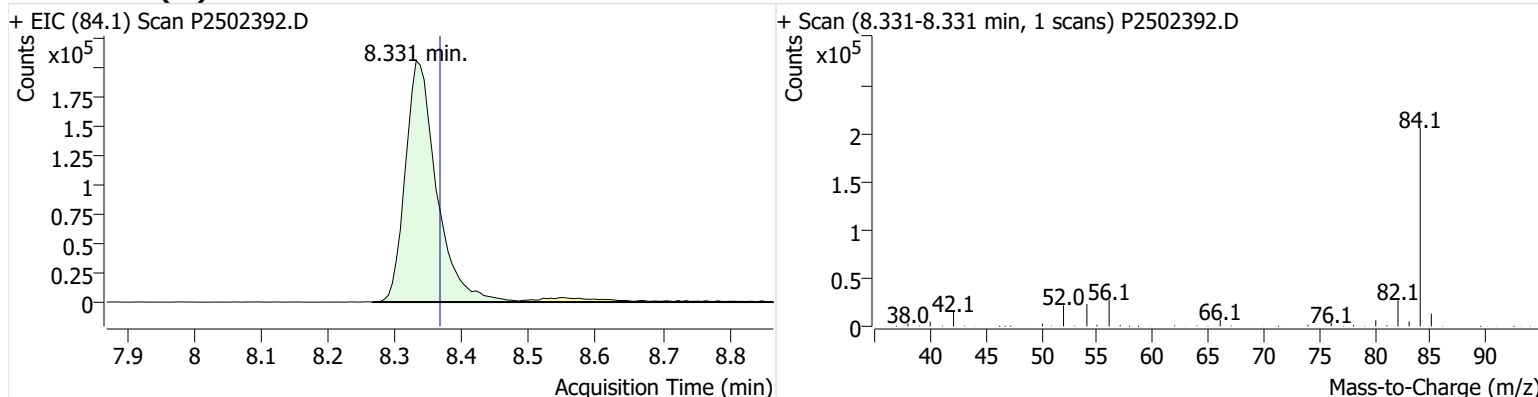
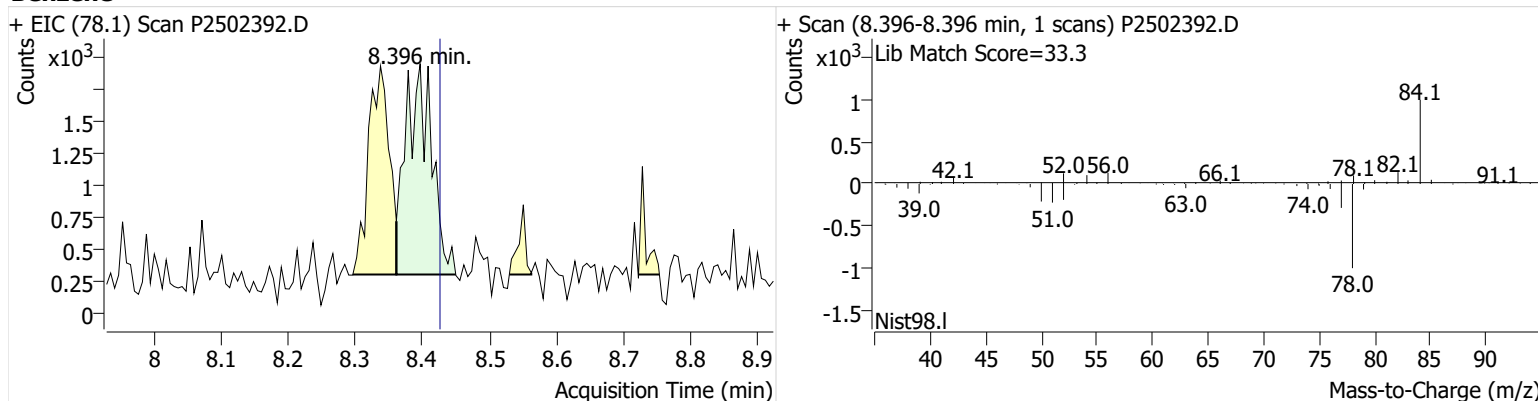
Sample Chromatograms



Name 2025FW201 Method Blank-1
Comment B46304
Data File P2502392.D
Acq. Date-Time 4/18/2025 1:28:24 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

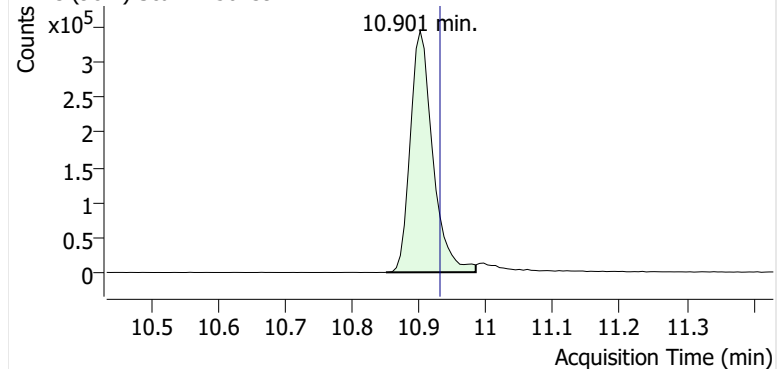
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.331	8.367	665,745	
Benzene	benzene-d6 (IS)	8.396	8.426	4,390	
Toluene-d8 (IS)		10.901	10.931	806,471	
Toluene	Toluene-d8 (IS)	10.996	11.020	10,218	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	5,708	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	5,754	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	4,480	

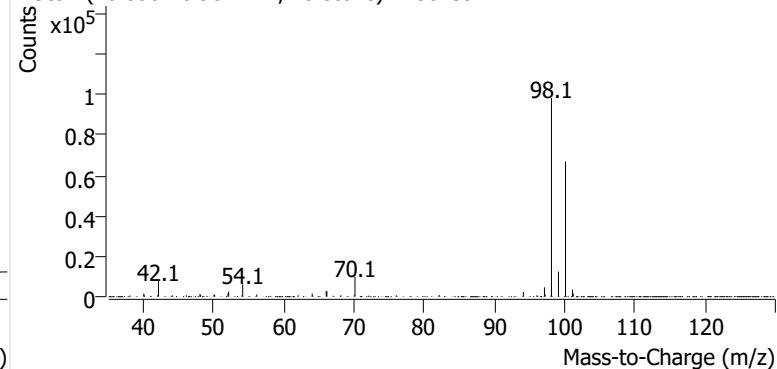
benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

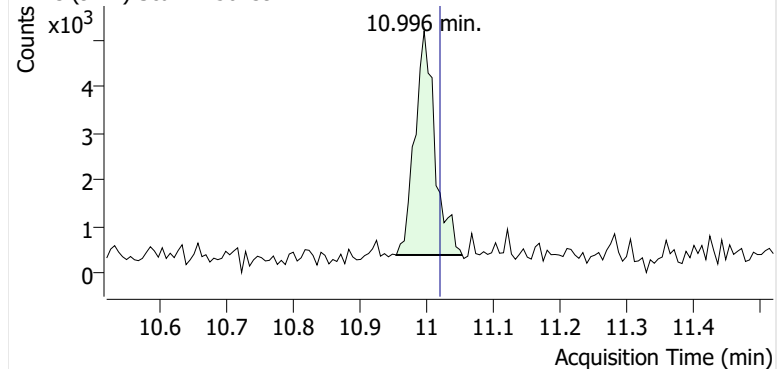
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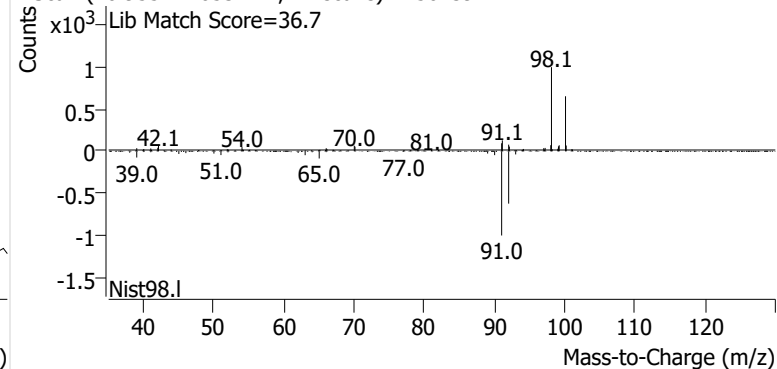
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**Toluene**

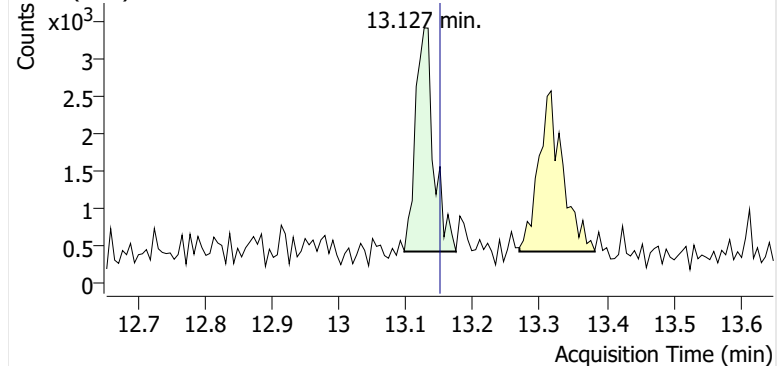
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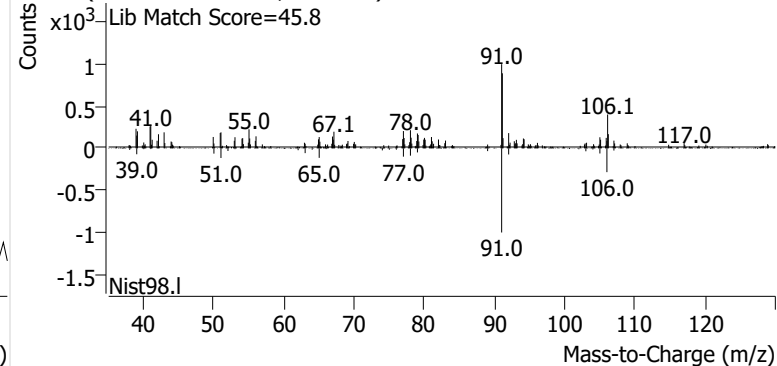
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**Ethylbenzene**

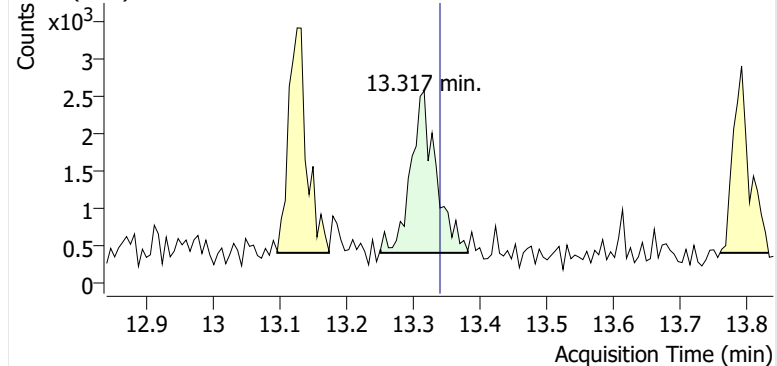
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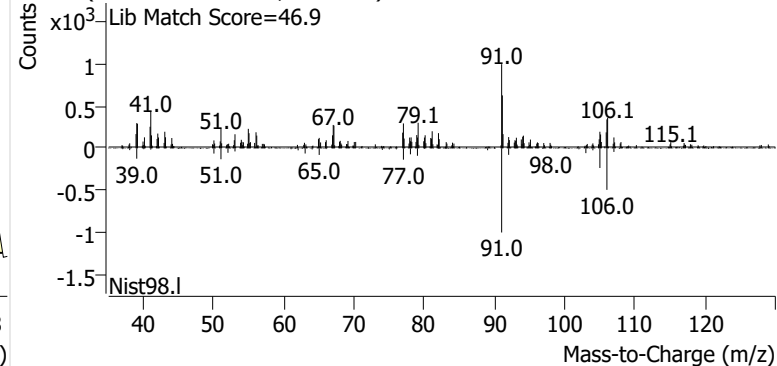
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**m-/p-Xylenes**

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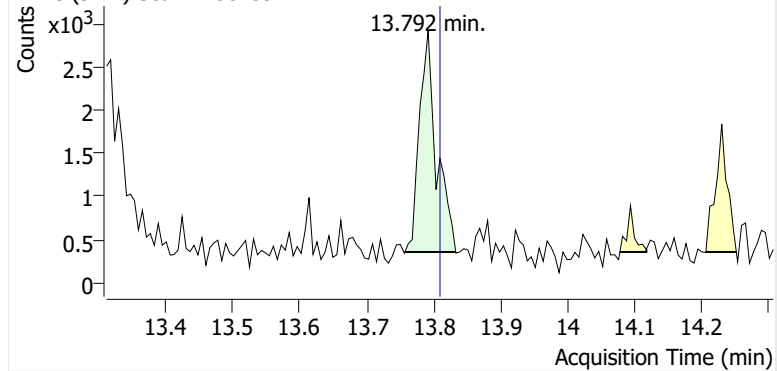


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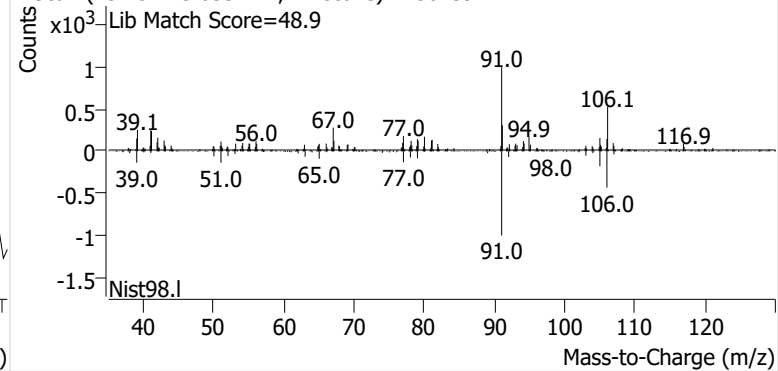


o-Xylene

+ EIC (91.1) Scan P2502392.D

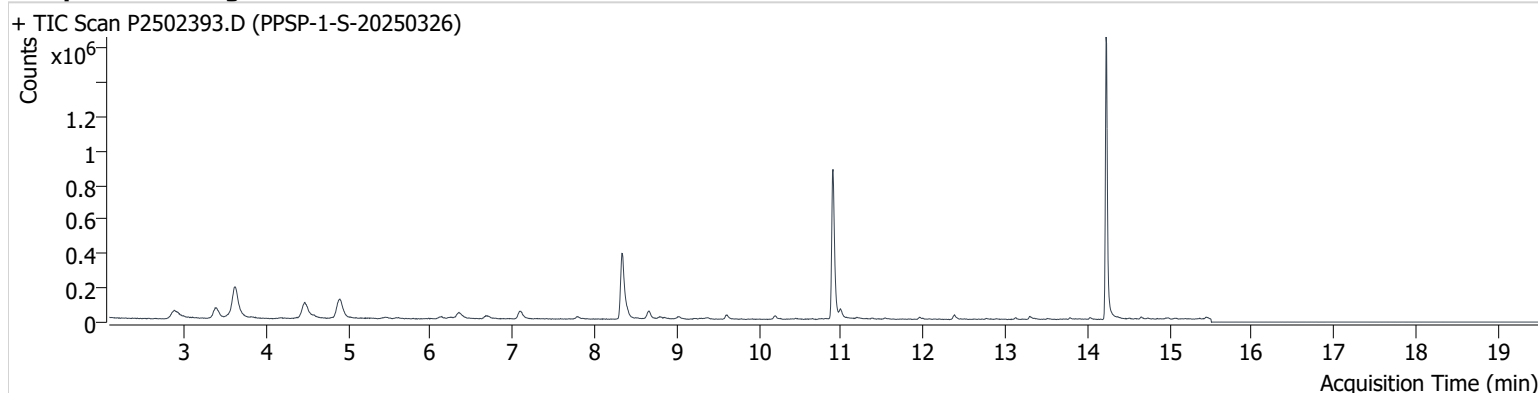


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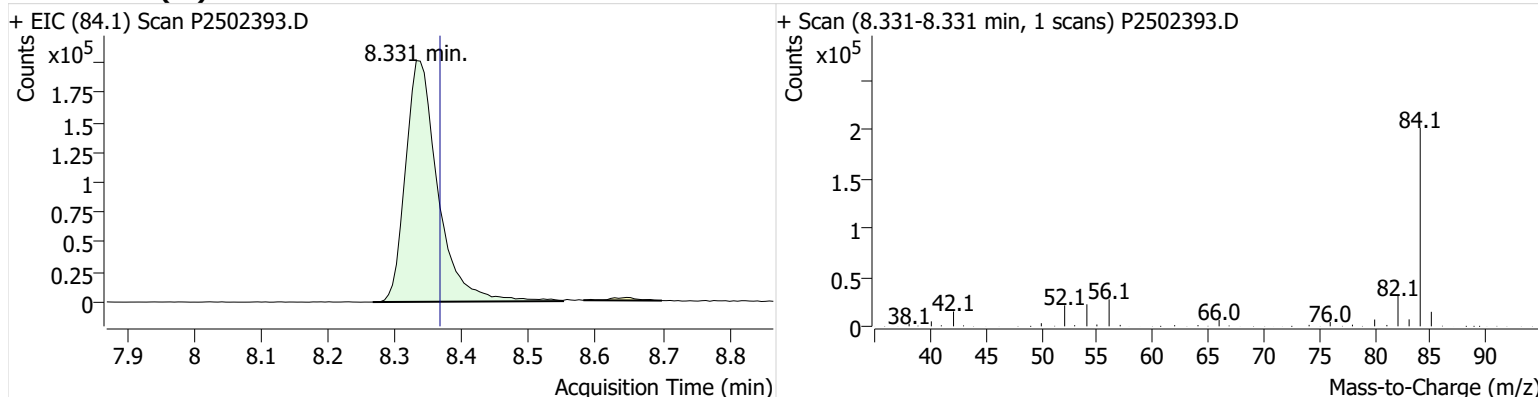
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Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

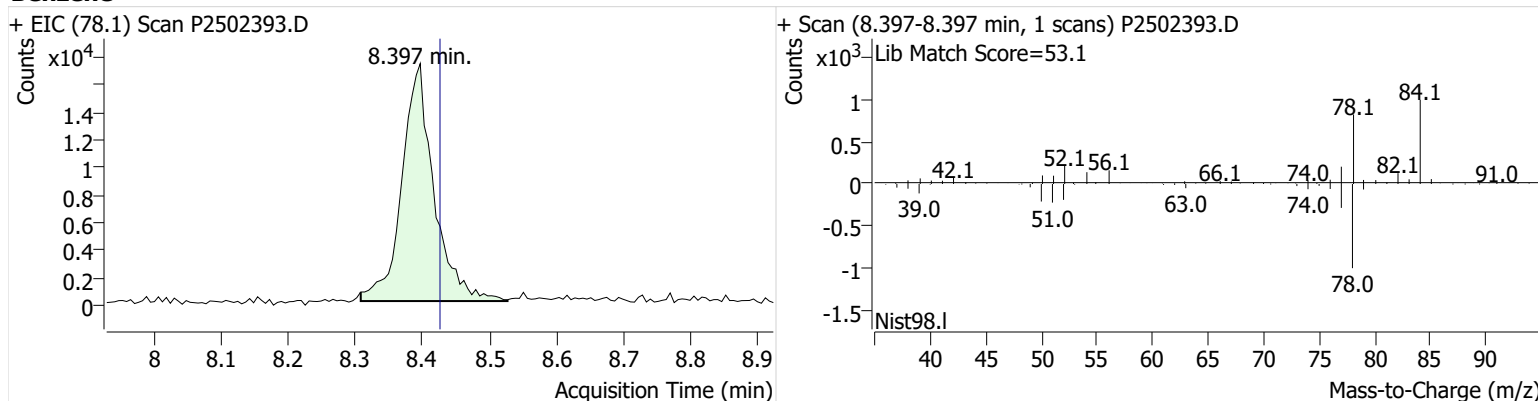


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.331	8.367	678,145	
Benzene	benzene-d6 (IS)	8.397	8.426	57,644	
Toluene-d8 (IS)		10.901	10.931	845,609	
Toluene	Toluene-d8 (IS)	10.996	11.020	40,556	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	6,453	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	14,048	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	6,125	

benzene-d6 (IS)

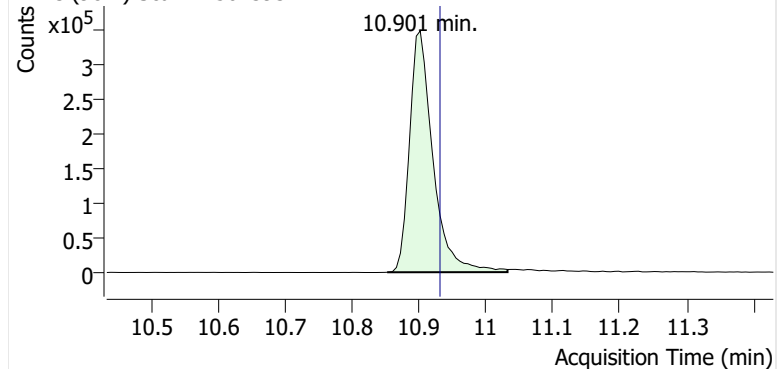


Benzene

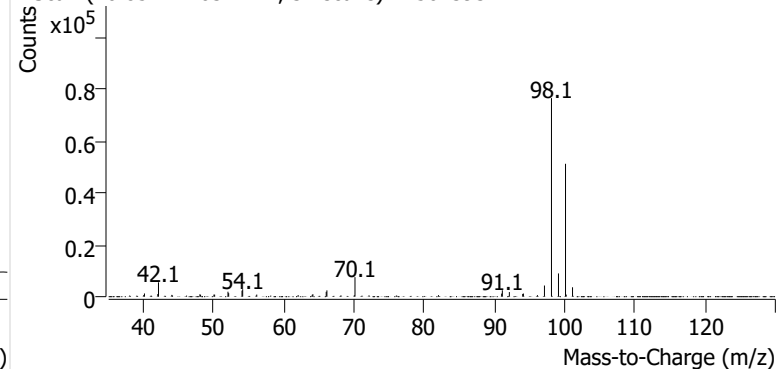


Toluene-d8 (IS)

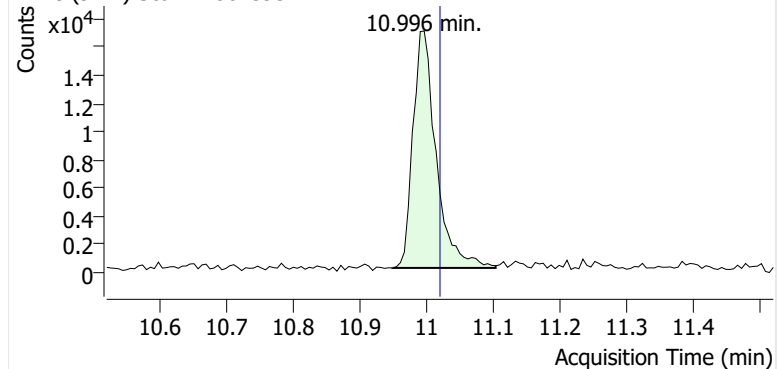
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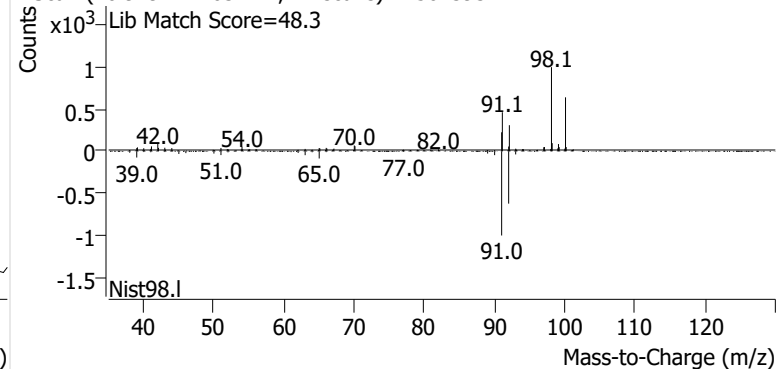
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**Toluene**

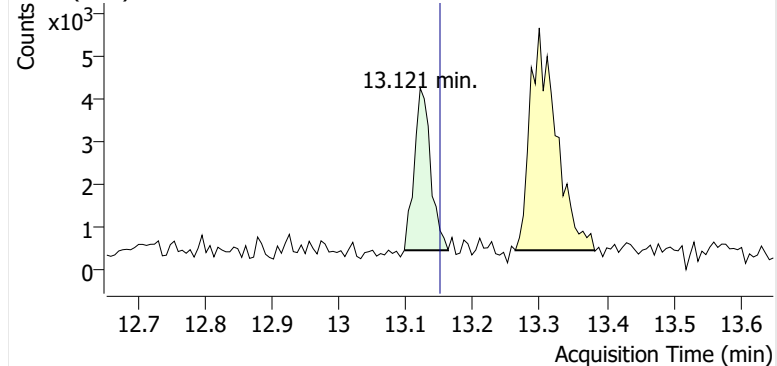
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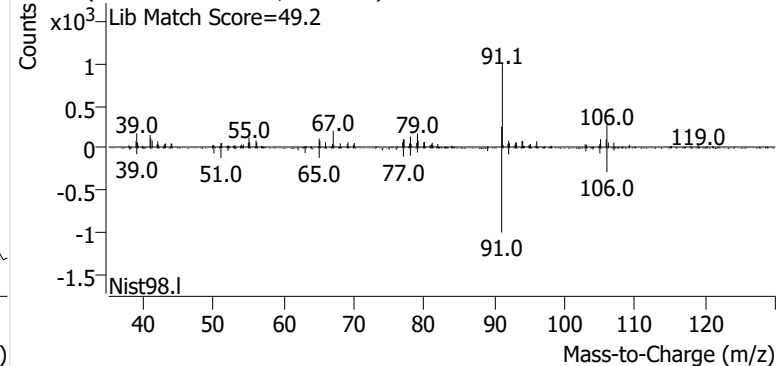
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**Ethylbenzene**

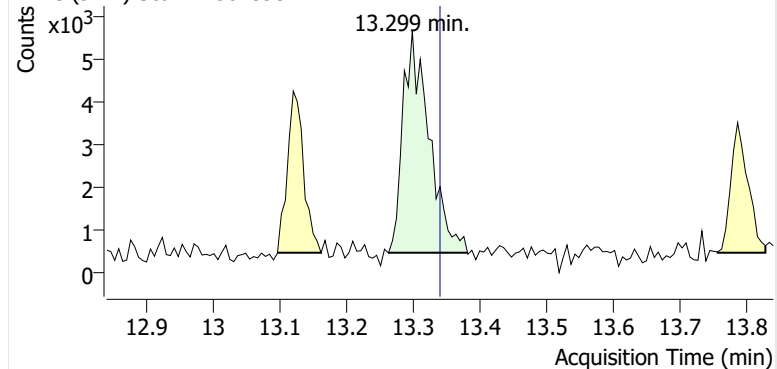
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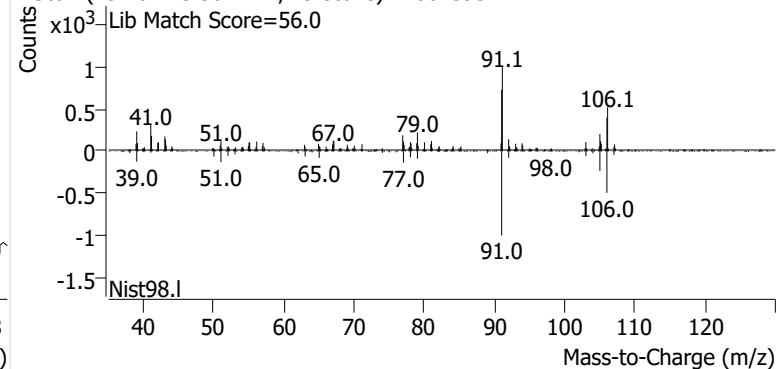
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**m-/p-Xylenes**

+ EIC (91.1) Scan P2502393.D

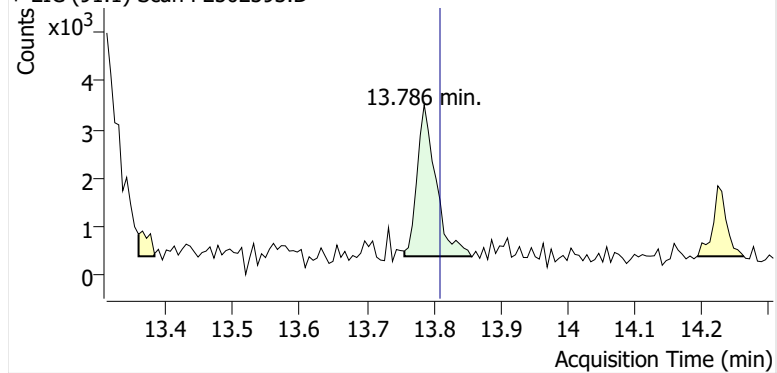


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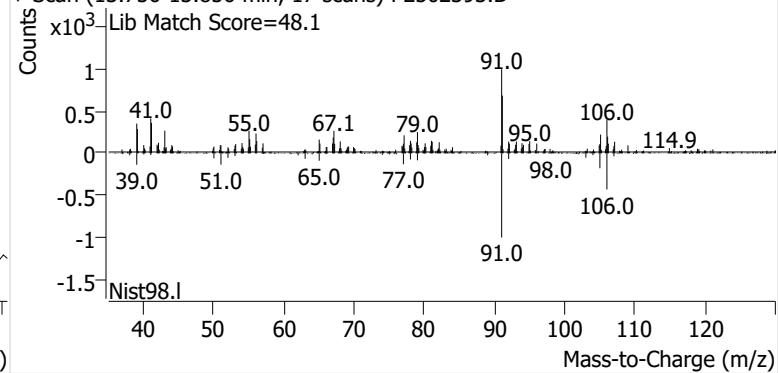


o-Xylene

+ EIC (91.1) Scan P2502393.D

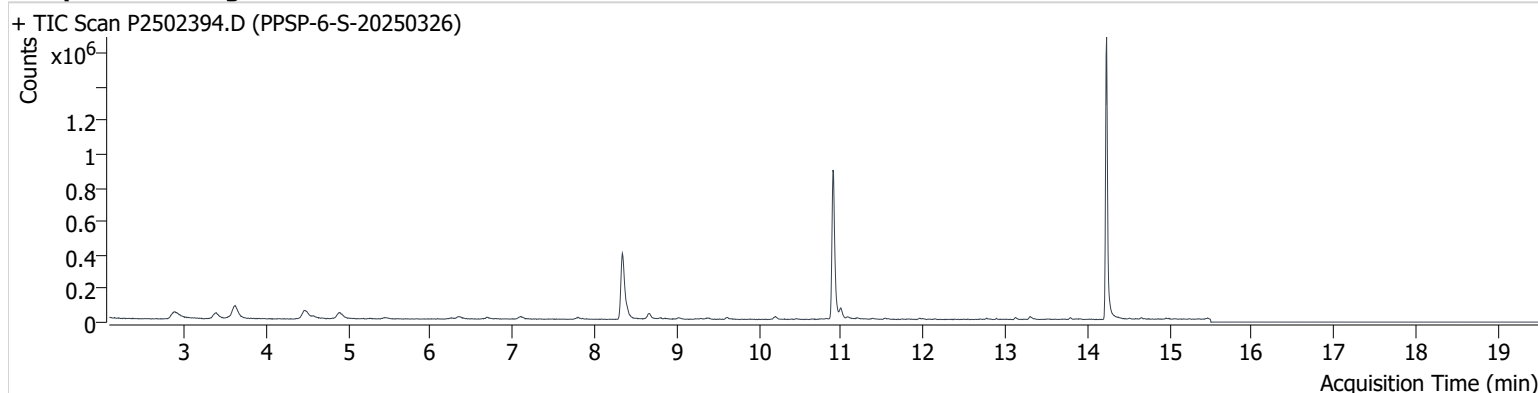


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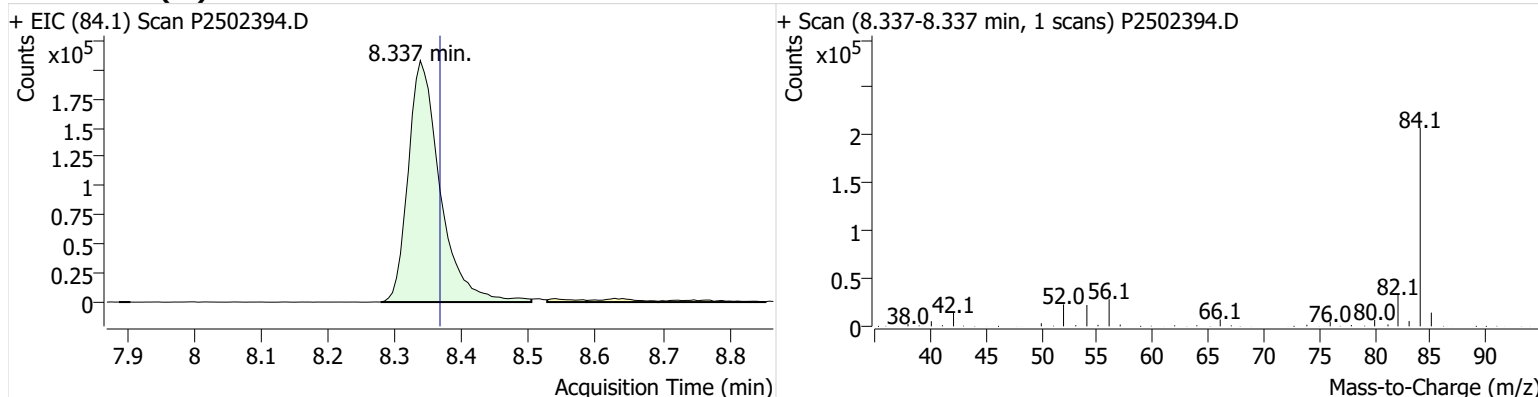
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Comment B20146
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Acq. Date-Time 4/18/2025 2:42:57 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

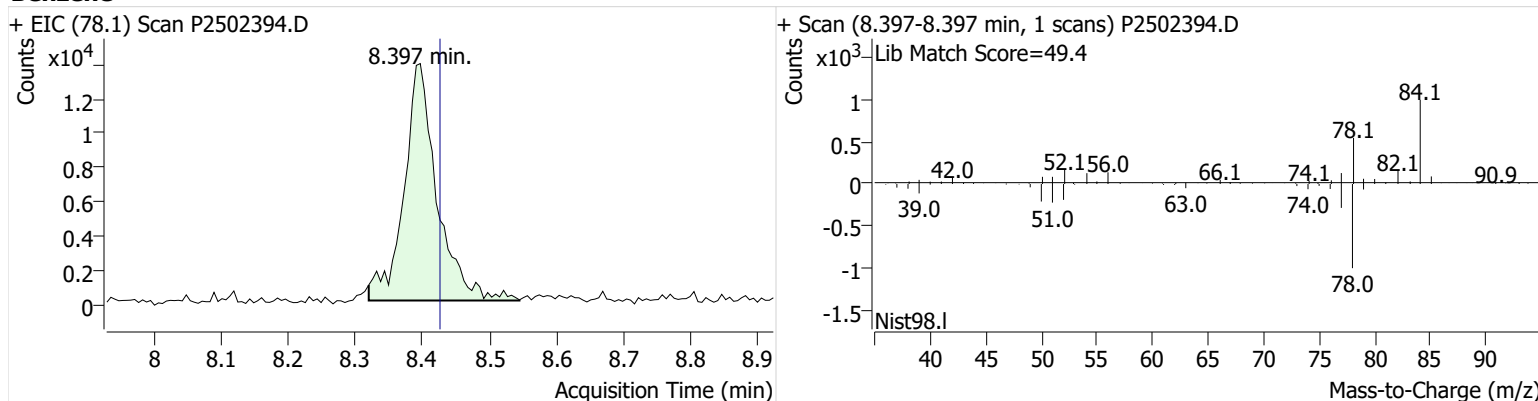


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	687,761	
Benzene	benzene-d6 (IS)	8.397	8.426	47,589	
Toluene-d8 (IS)		10.901	10.931	840,505	
Toluene	Toluene-d8 (IS)	10.990	11.020	48,666	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	8,801	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	15,375	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	6,559	

benzene-d6 (IS)

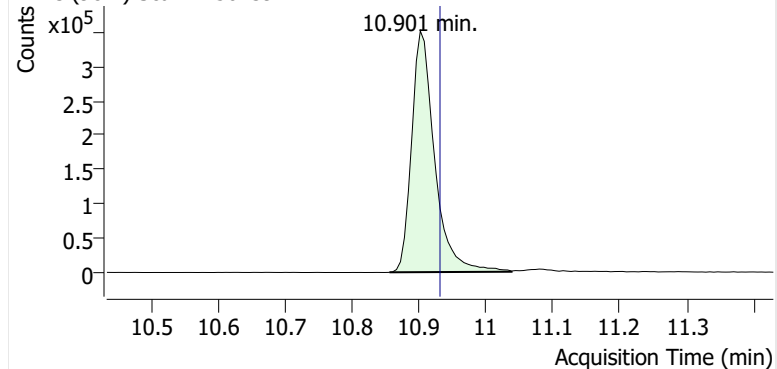


Benzene

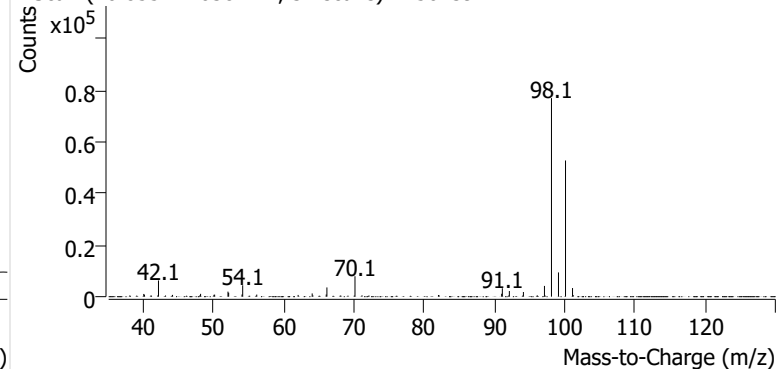


Toluene-d8 (IS)

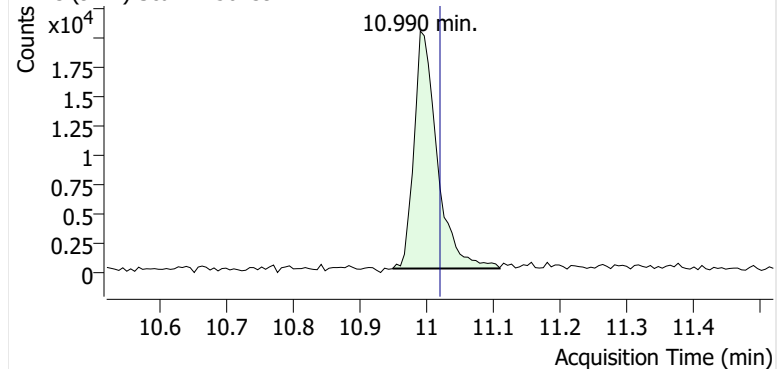
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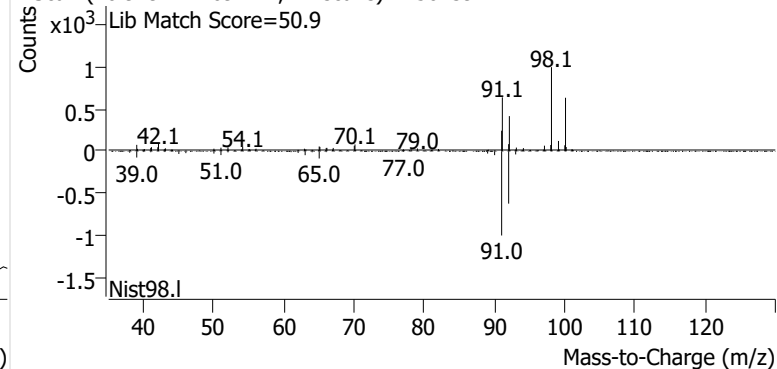
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**Toluene**

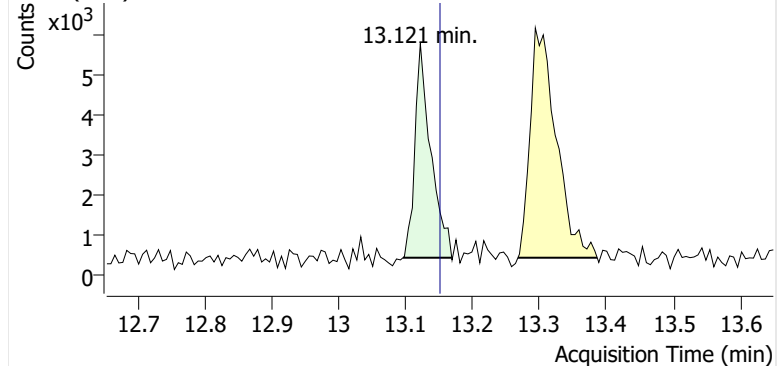
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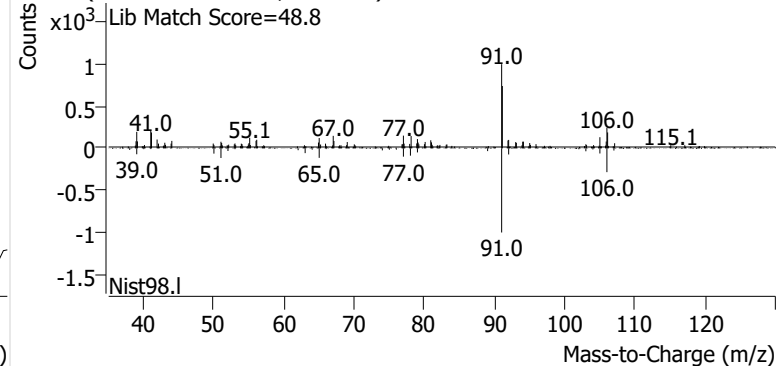
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**Ethylbenzene**

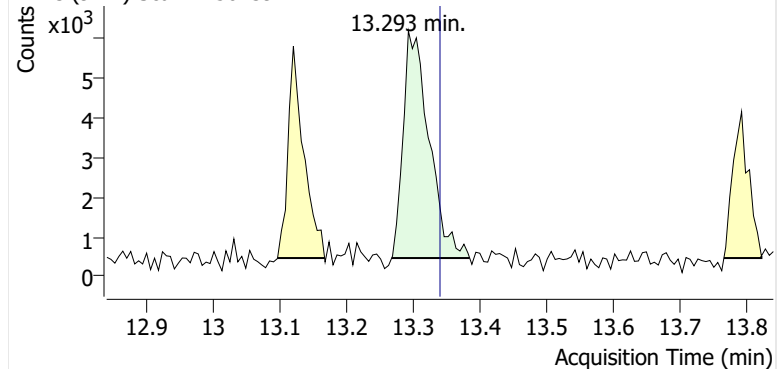
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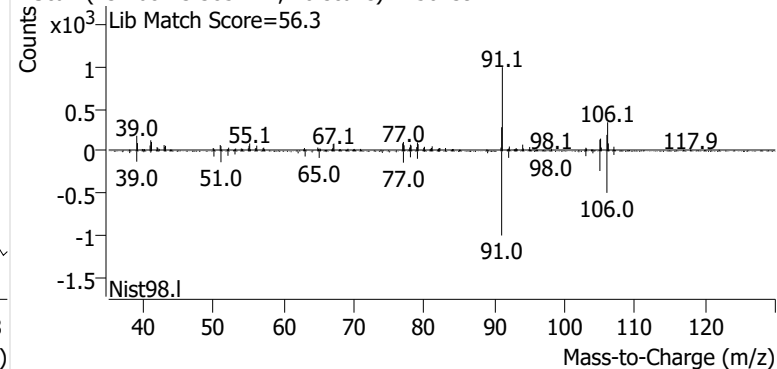
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**m-/p-Xylenes**

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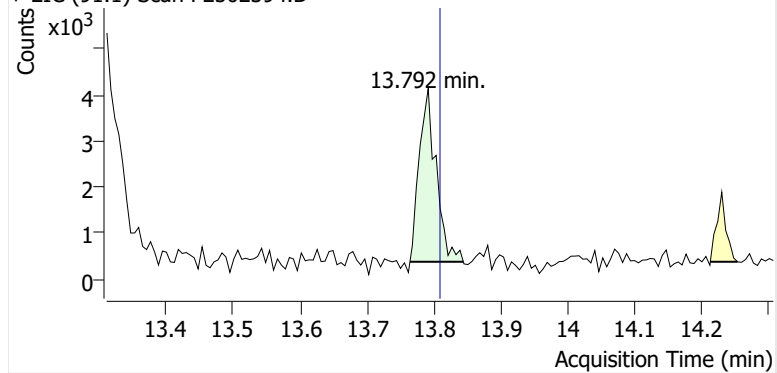


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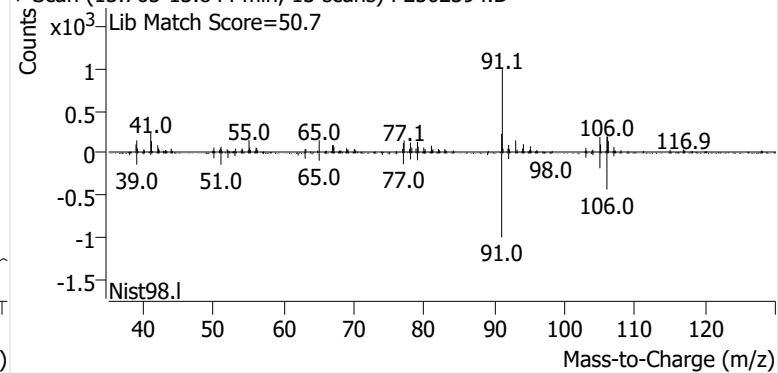


o-Xylene

+ EIC (91.1) Scan P2502394.D

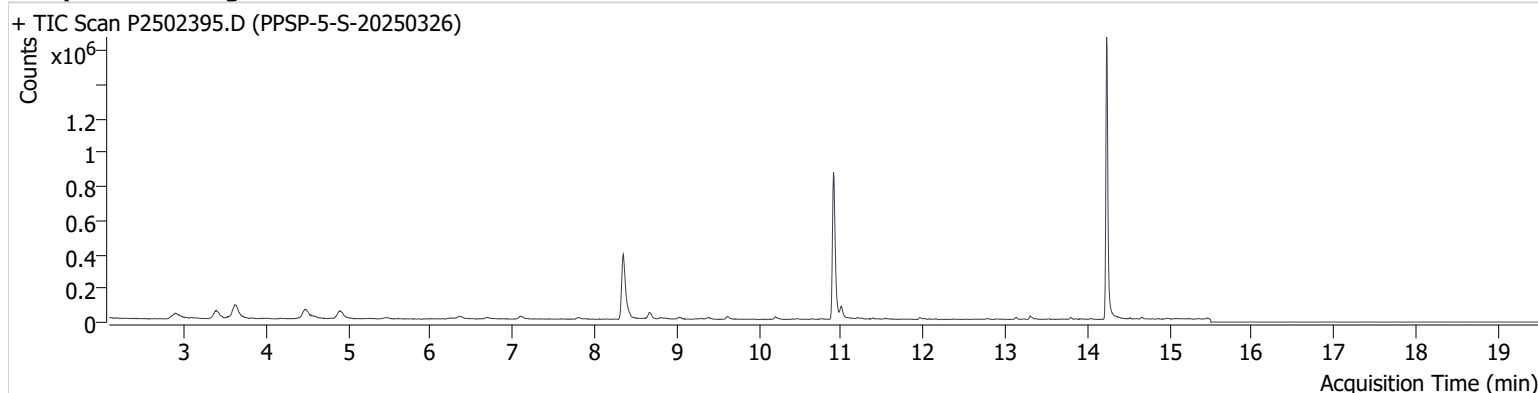


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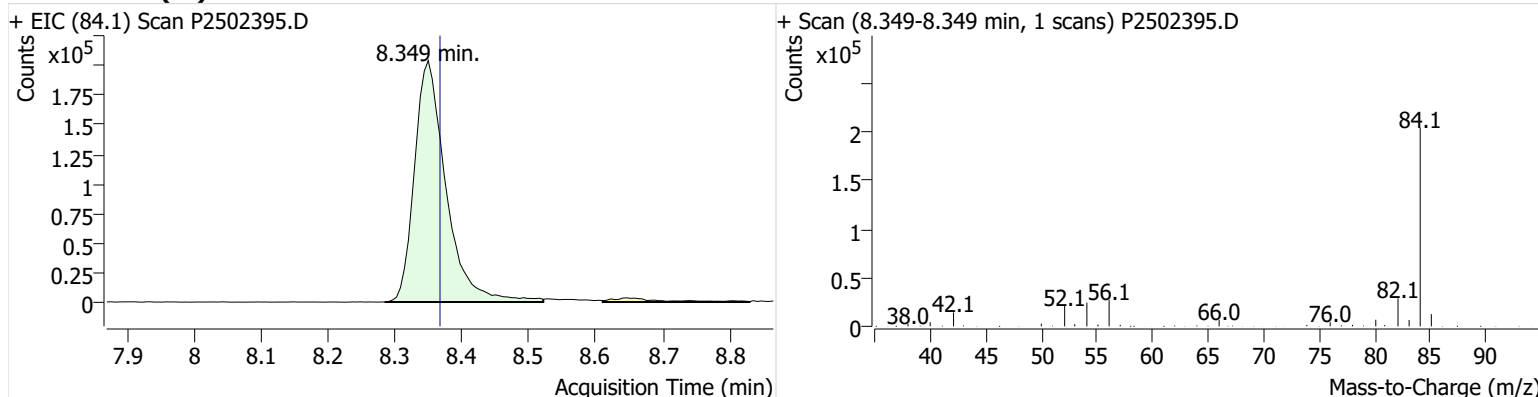
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Comment C17070
Data File P2502395.D
Acq. Date-Time 4/18/2025 3:20:15 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

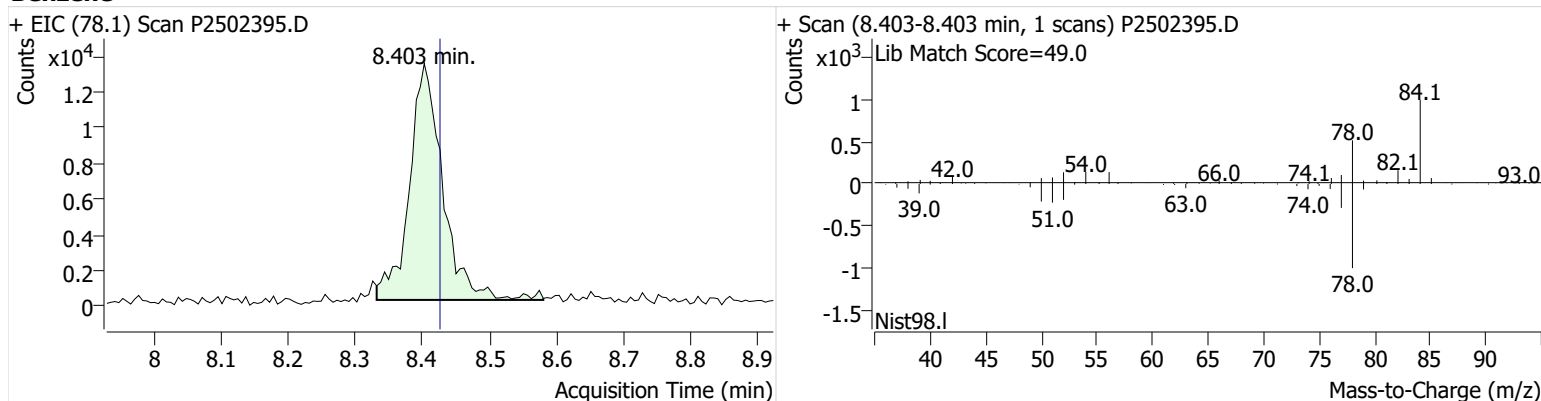


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	668,248	
Benzene	benzene-d6 (IS)	8.403	8.426	45,899	
Toluene-d8 (IS)		10.907	10.931	822,208	
Toluene	Toluene-d8 (IS)	11.002	11.020	55,295	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	8,914	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	16,134	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	7,006	

benzene-d6 (IS)

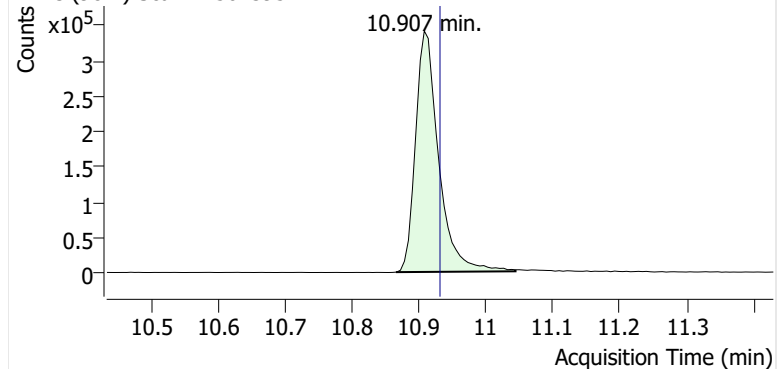


Benzene

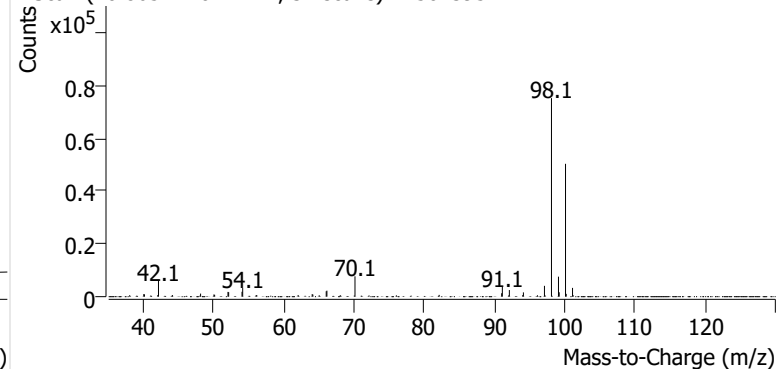


Toluene-d8 (IS)

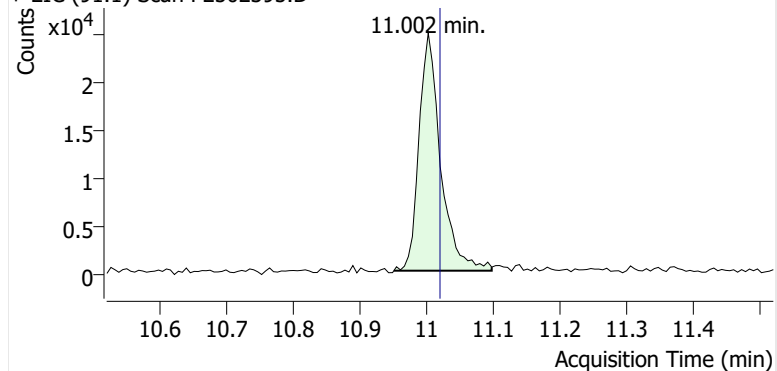
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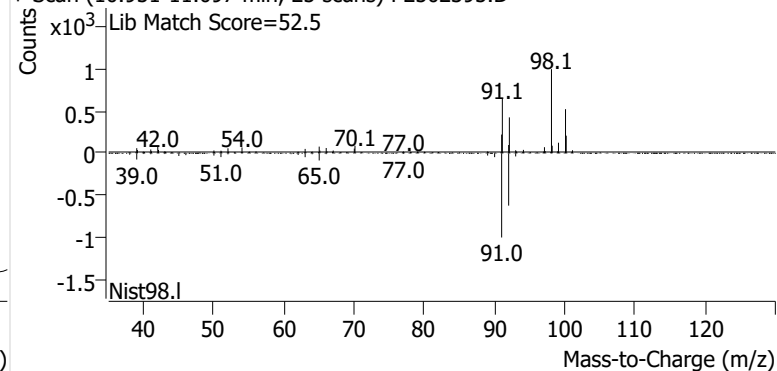
+ Scan (10.865-11.044 min, 31 scans) P2502395.D

**Toluene**

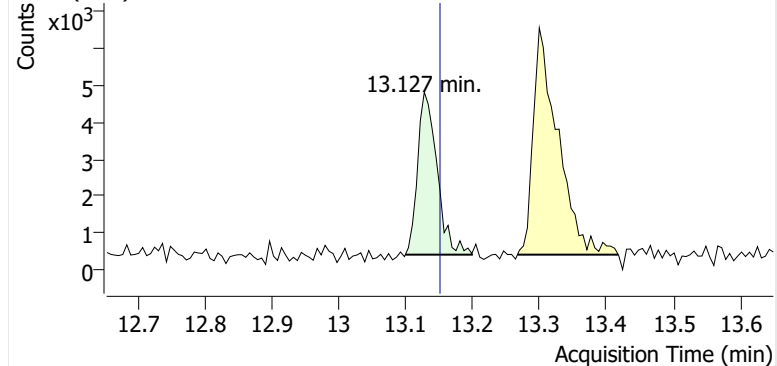
+ EIC (91.1) Scan P2502395.D



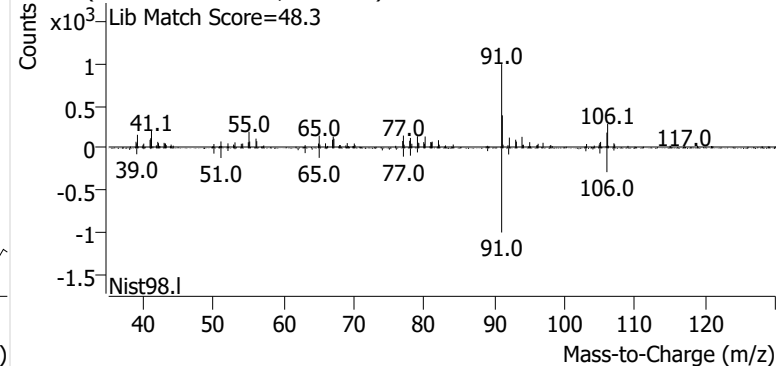
+ Scan (10.951-11.097 min, 25 scans) P2502395.D

**Ethylbenzene**

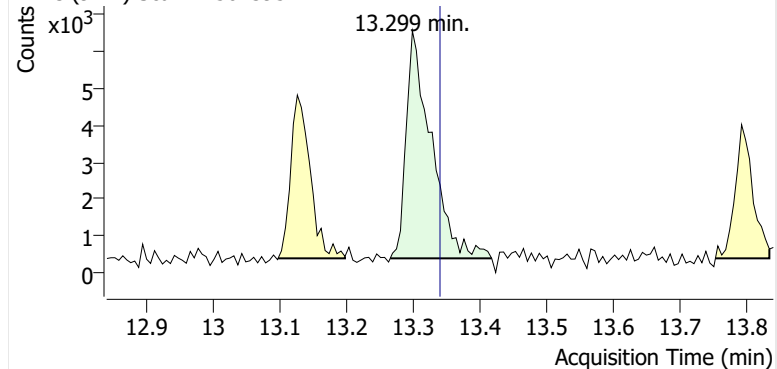
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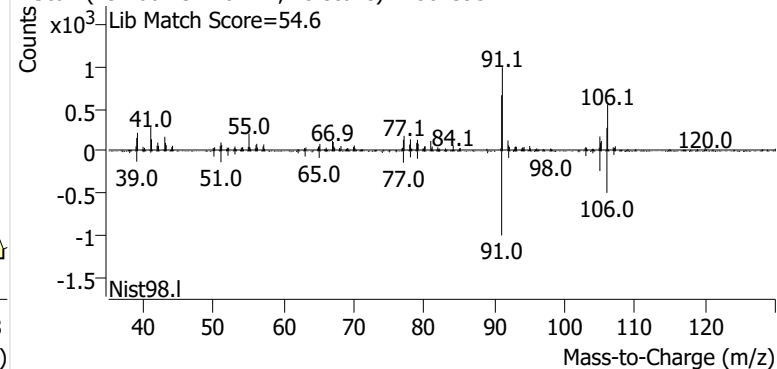
+ Scan (13.099-13.198 min, 17 scans) P2502395.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502395.D

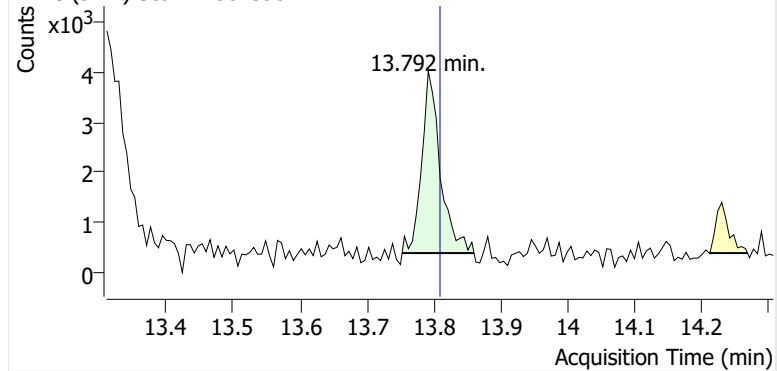


+ Scan (13.266-13.418 min, 25 scans) P2502395.D

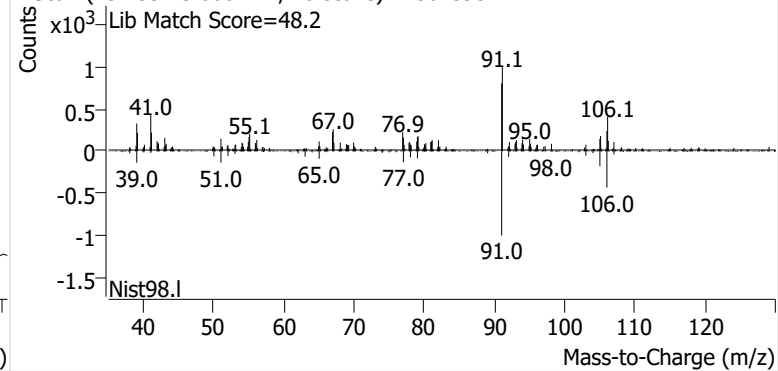


o-Xylene

+ EIC (91.1) Scan P2502395.D

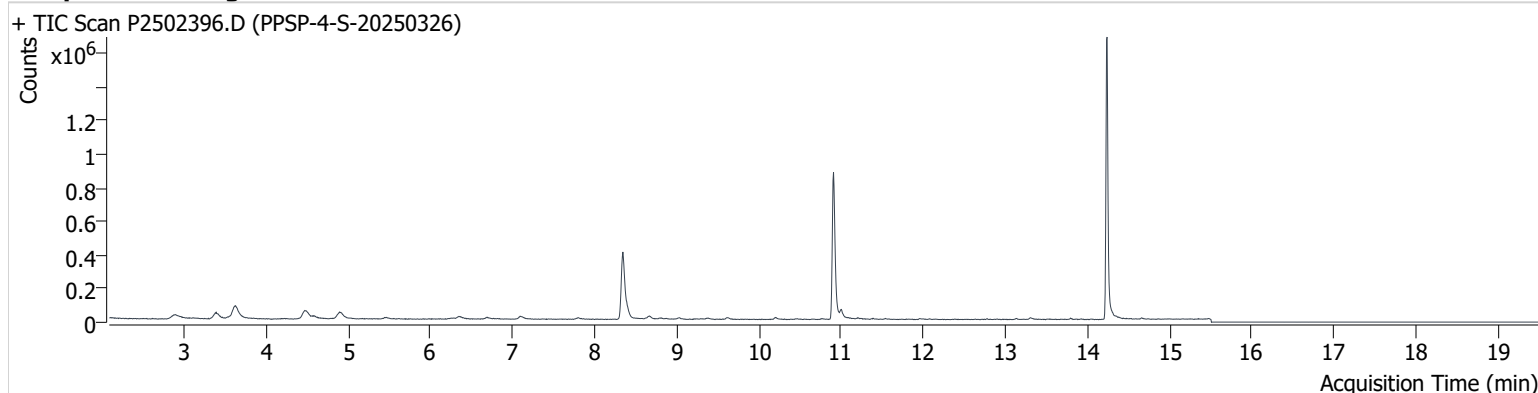


+ Scan (13.753-13.860 min, 18 scans) P2502395.D



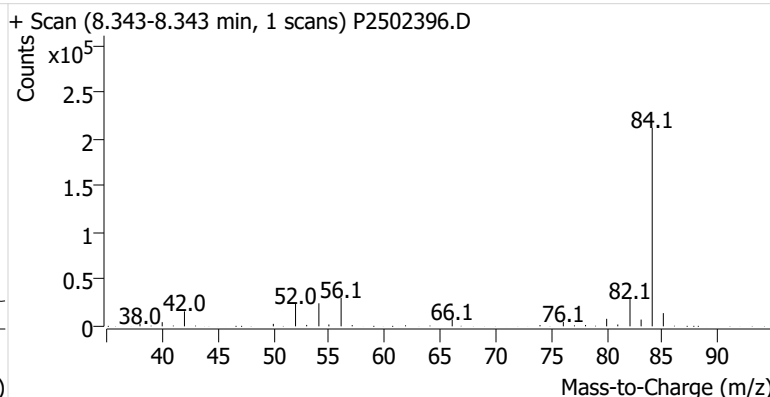
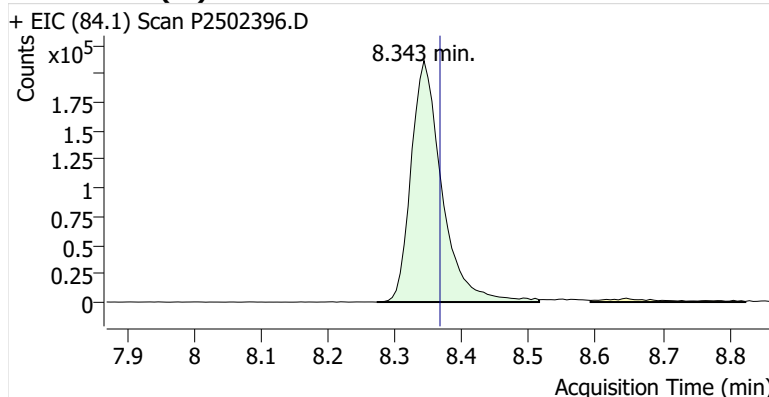
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Comment B47100
Data File P2502396.D
Acq. Date-Time 4/18/2025 3:57:30 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

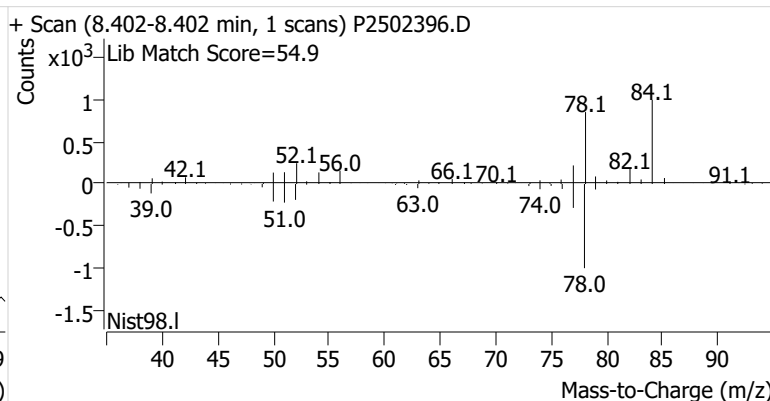
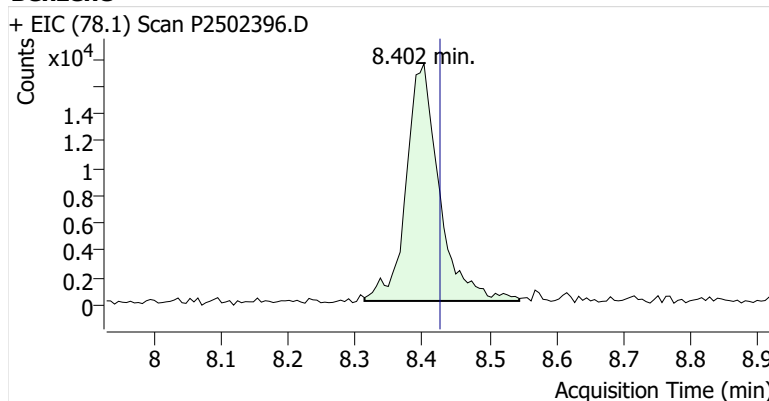


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	678,106	
Benzene	benzene-d6 (IS)	8.402	8.426	59,890	
Toluene-d8 (IS)		10.907	10.931	835,358	
Toluene	Toluene-d8 (IS)	11.002	11.020	38,236	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	4,404	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	9,238	
o-Xylene	Toluene-d8 (IS)	13.791	13.809	4,329	m

benzene-d6 (IS)

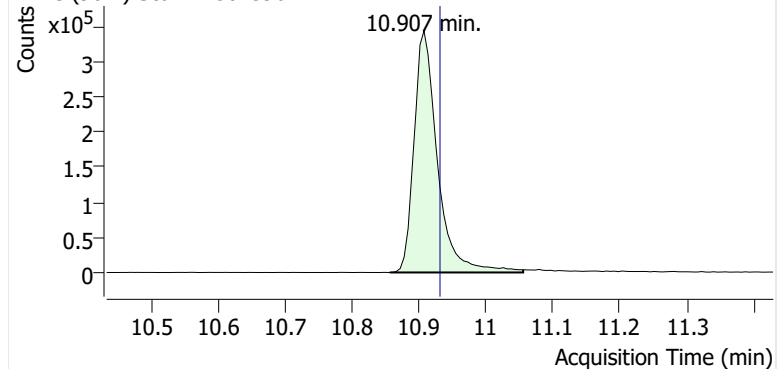


Benzene

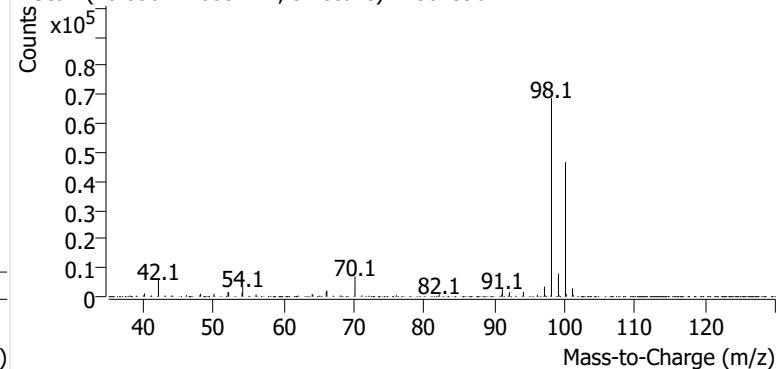


Toluene-d8 (IS)

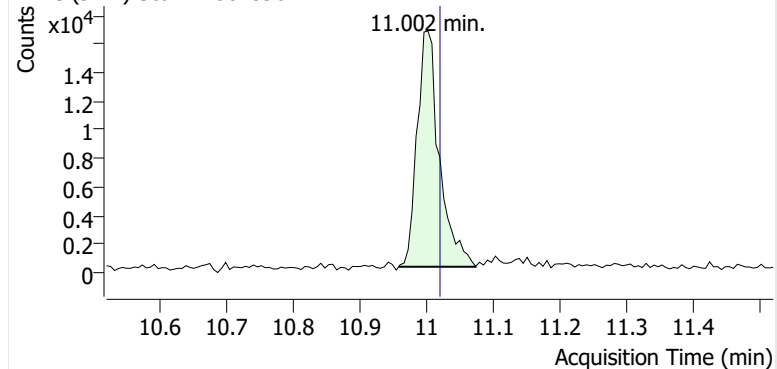
+ EIC (98.1) Scan P2502396.D



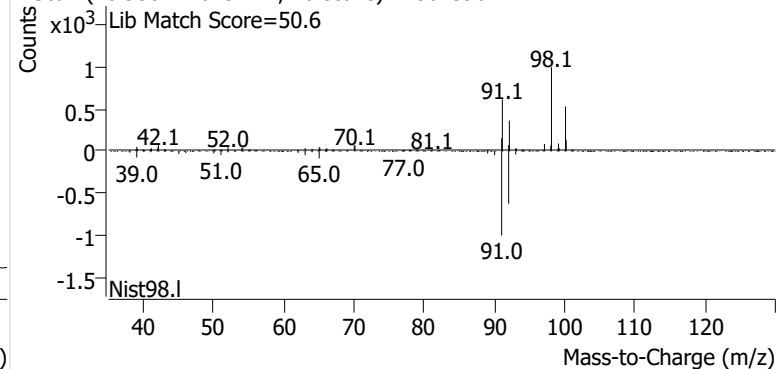
+ Scan (10.856-11.055 min, 34 scans) P2502396.D

**Toluene**

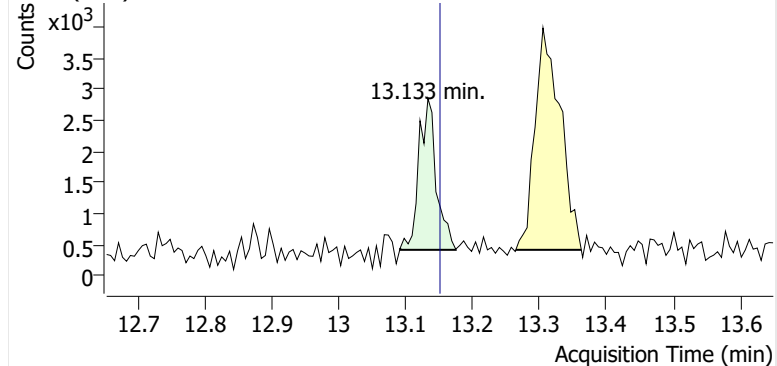
+ EIC (91.1) Scan P2502396.D



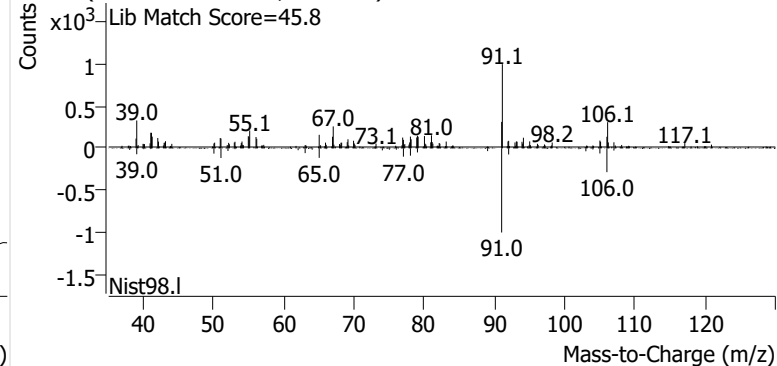
+ Scan (10.958-11.073 min, 20 scans) P2502396.D

**Ethylbenzene**

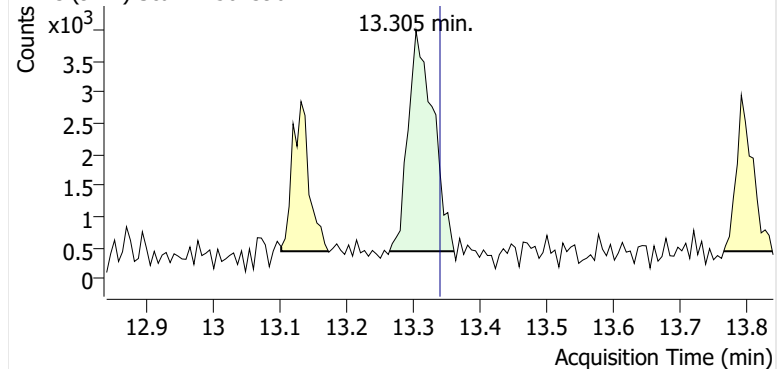
+ EIC (91.1) Scan P2502396.D



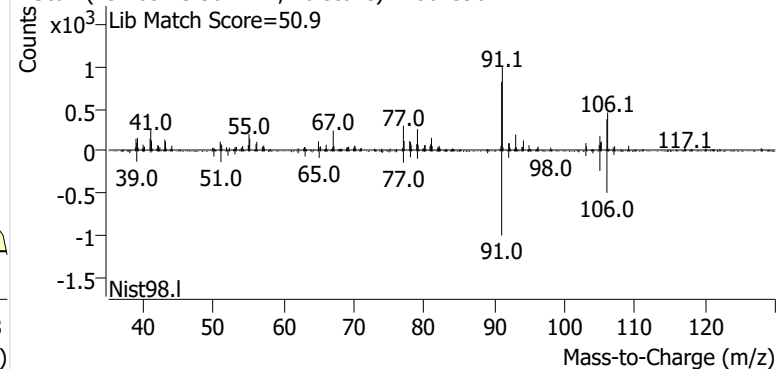
+ Scan (13.091-13.174 min, 15 scans) P2502396.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502396.D

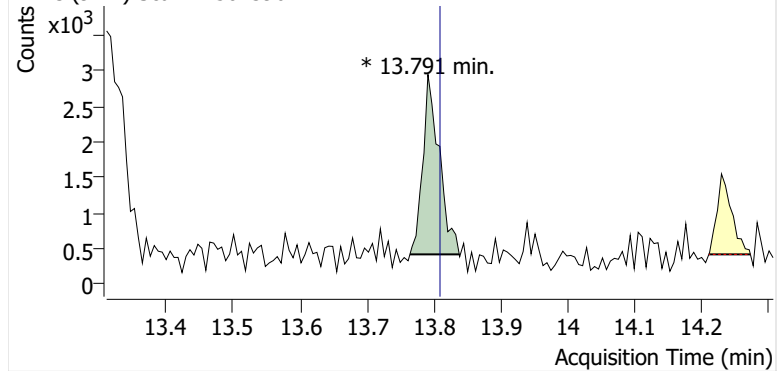


+ Scan (13.265-13.362 min, 16 scans) P2502396.D

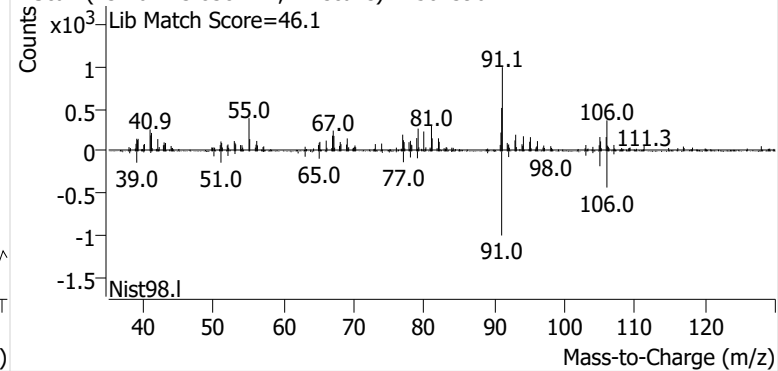


o-Xylene

+ EIC (91.1) Scan P2502396.D

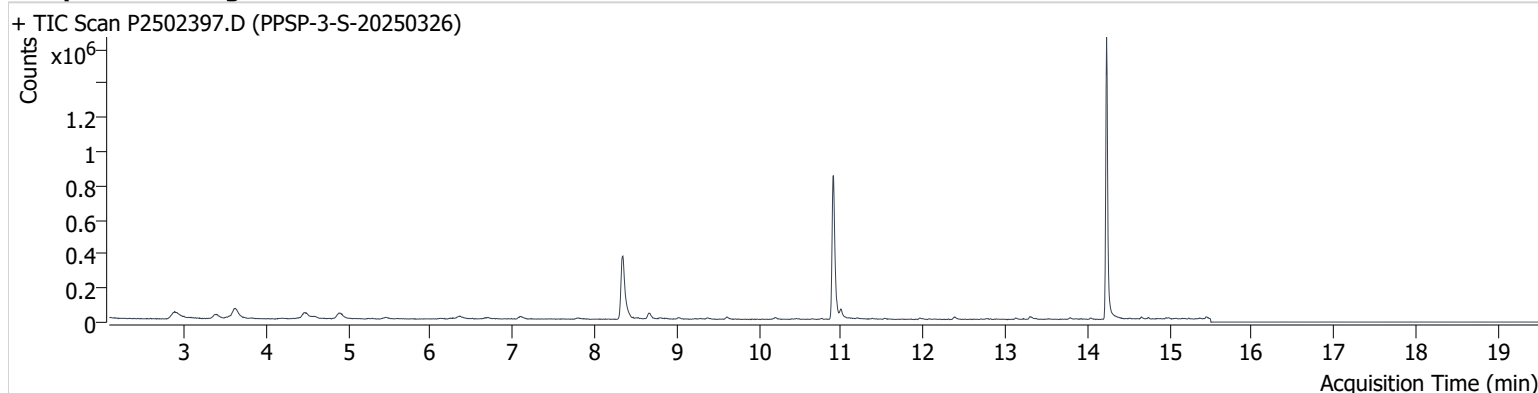


+ Scan (13.764-13.838 min, 12 scans) P2502396.D



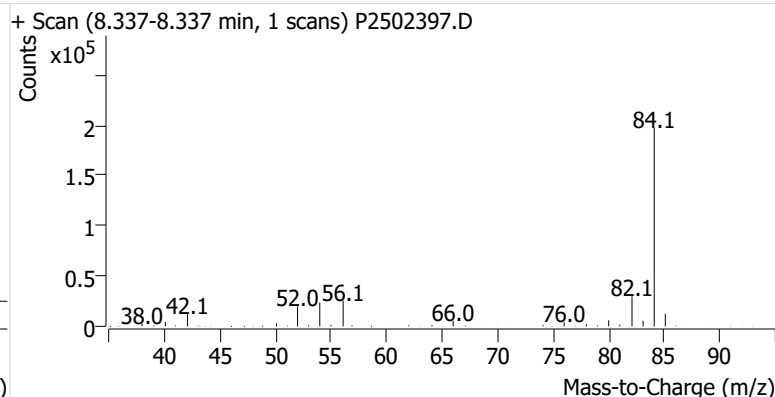
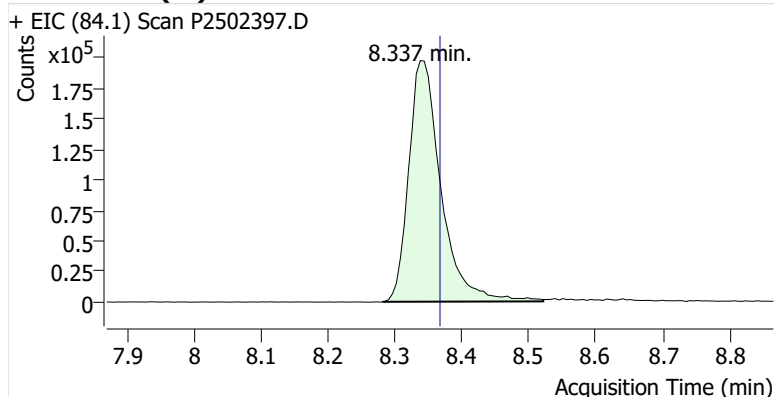
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Comment C57660
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Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

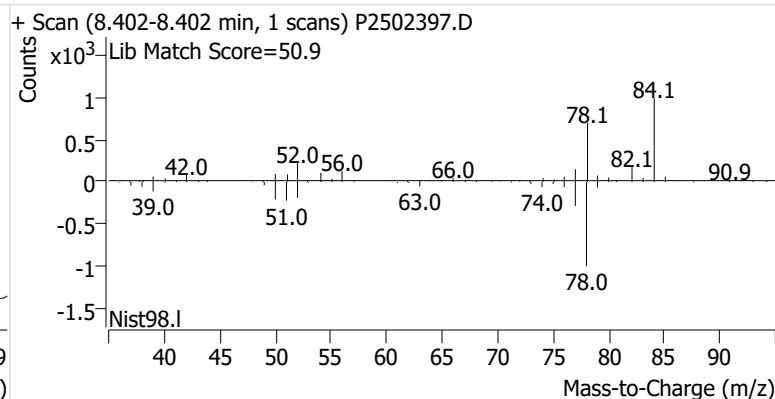
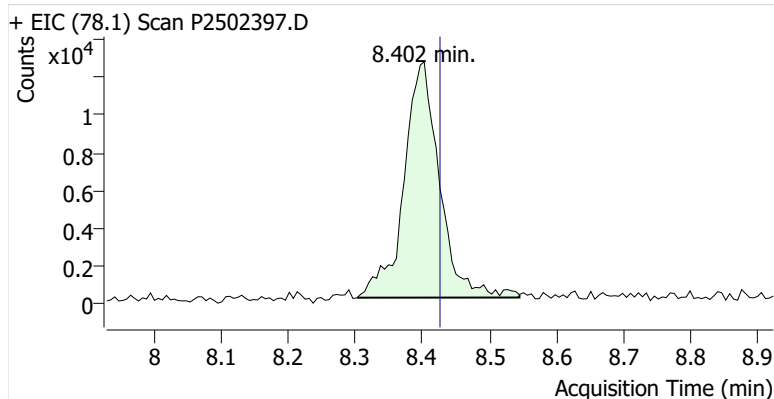


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	659,610	
Benzene	benzene-d6 (IS)	8.402	8.426	46,725	
Toluene-d8 (IS)		10.901	10.931	818,359	
Toluene	Toluene-d8 (IS)	10.996	11.020	38,371	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	6,684	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	15,860	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	6,110	

benzene-d6 (IS)

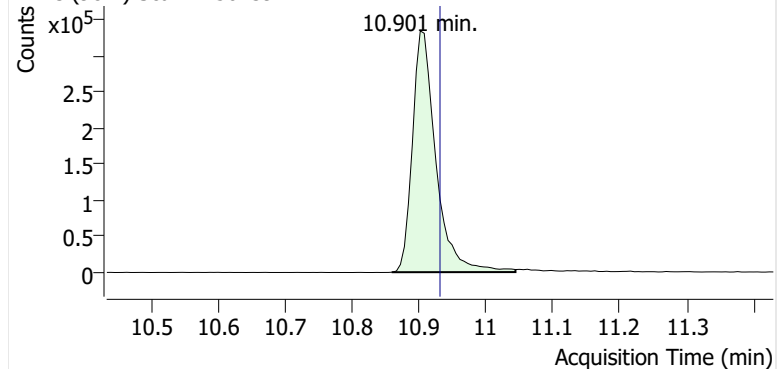


Benzene

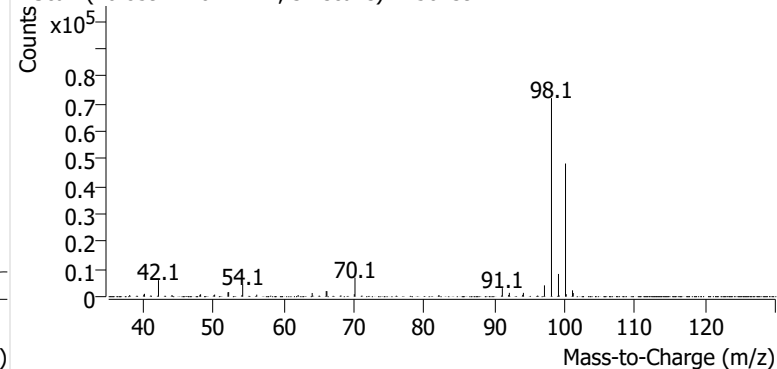


Toluene-d8 (IS)

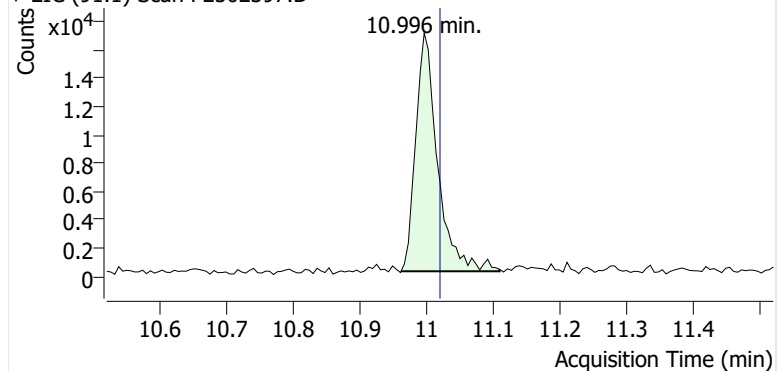
+ EIC (98.1) Scan P2502397.D



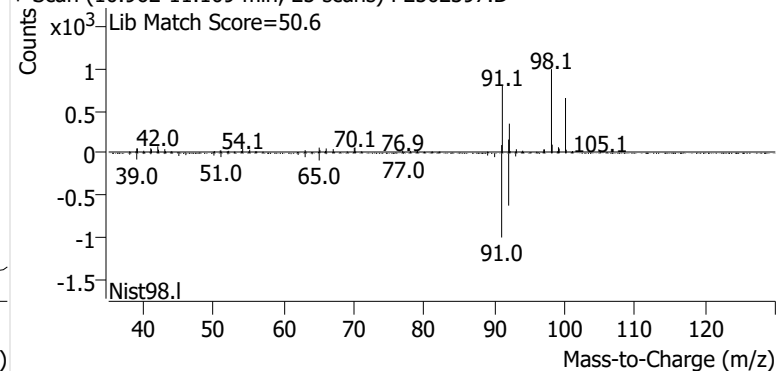
+ Scan (10.859-11.044 min, 32 scans) P2502397.D

**Toluene**

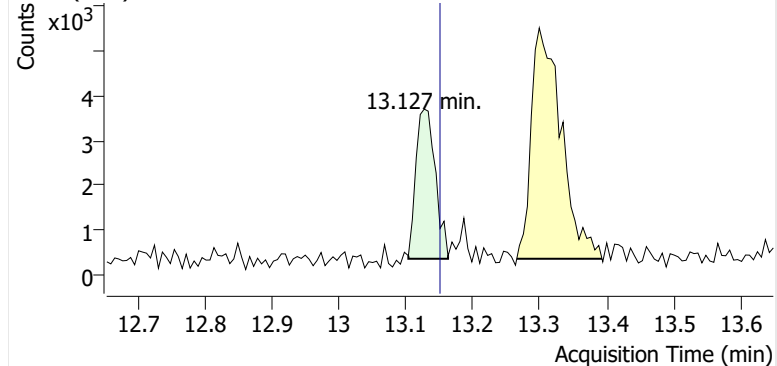
+ EIC (91.1) Scan P2502397.D



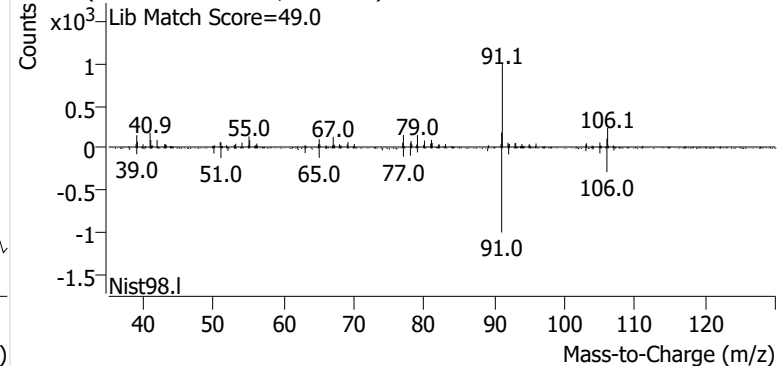
+ Scan (10.962-11.109 min, 25 scans) P2502397.D

**Ethylbenzene**

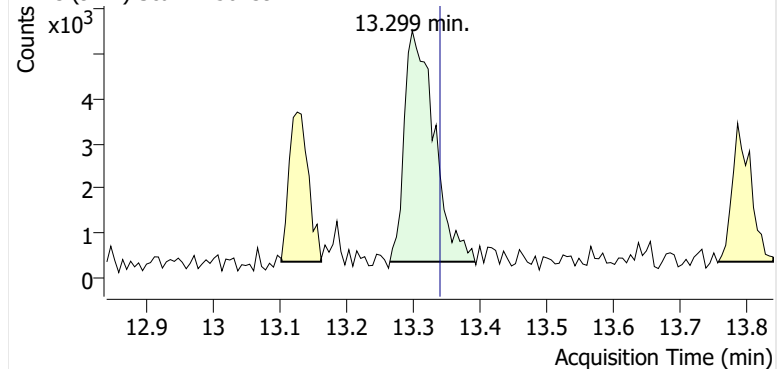
+ EIC (91.1) Scan P2502397.D



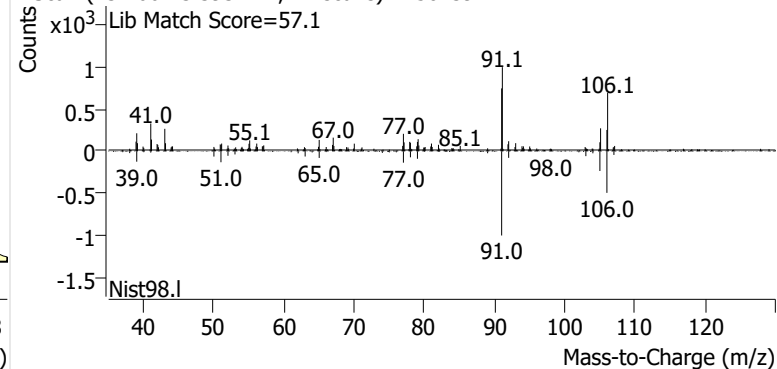
+ Scan (13.103-13.163 min, 11 scans) P2502397.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502397.D

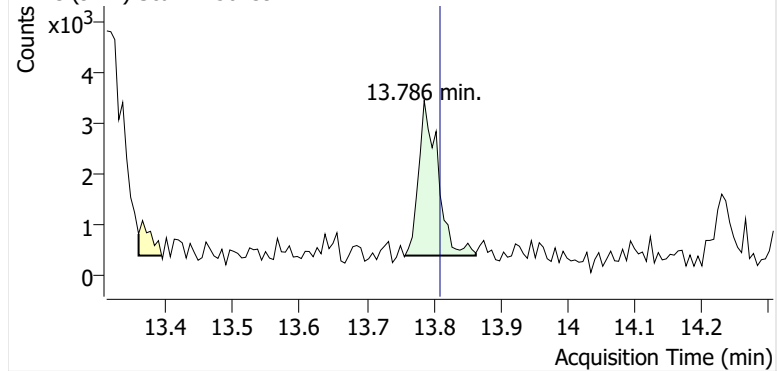


+ Scan (13.266-13.393 min, 21 scans) P2502397.D

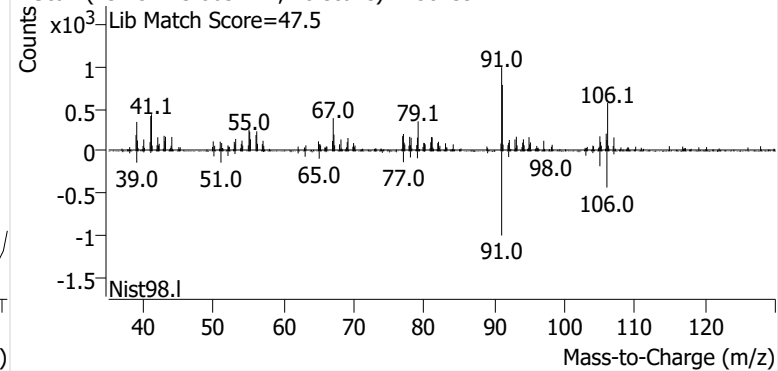


o-Xylene

+ EIC (91.1) Scan P2502397.D

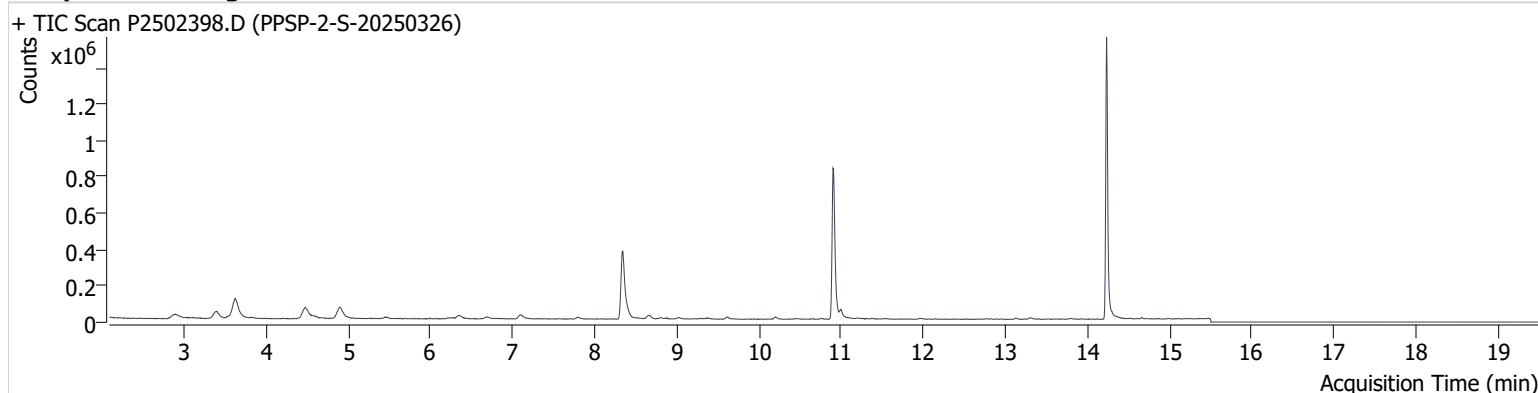


+ Scan (13.757-13.863 min, 18 scans) P2502397.D



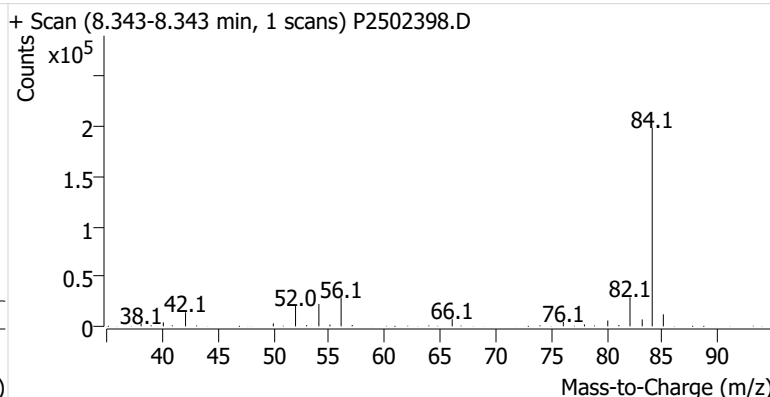
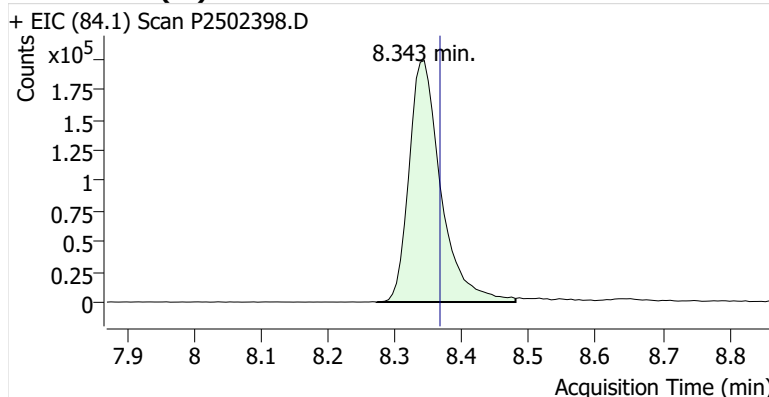
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Comment B15039
Data File P2502398.D
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Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

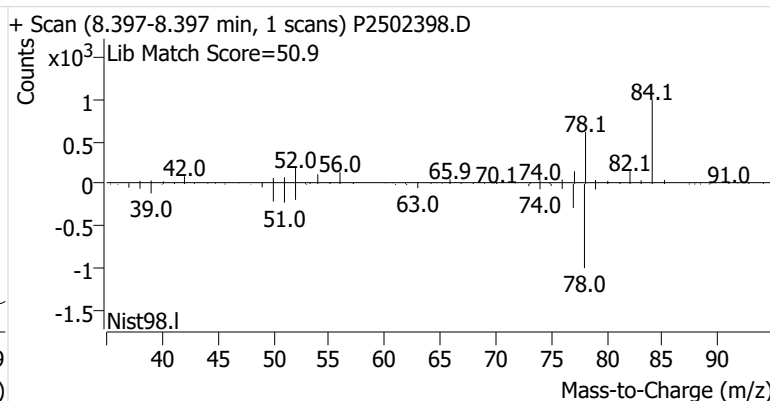
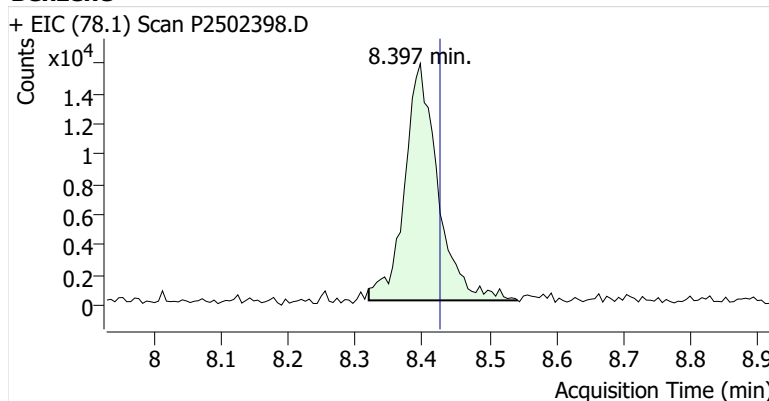


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	659,870	
Benzene	benzene-d6 (IS)	8.397	8.426	54,362	
Toluene-d8 (IS)		10.901	10.931	813,274	
Toluene	Toluene-d8 (IS)	11.002	11.020	32,663	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	5,487	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	9,154	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	3,444	

benzene-d6 (IS)

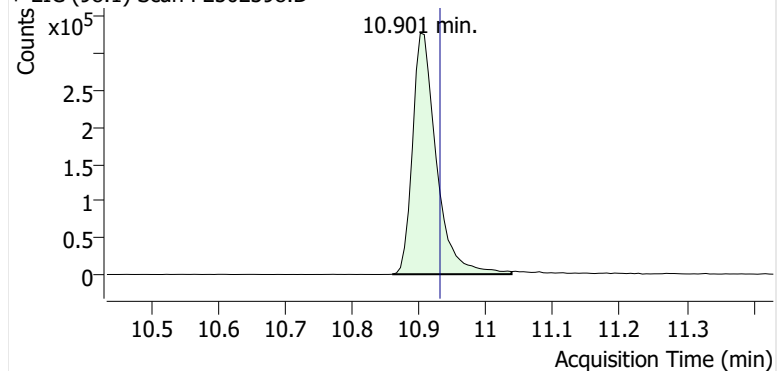


Benzene

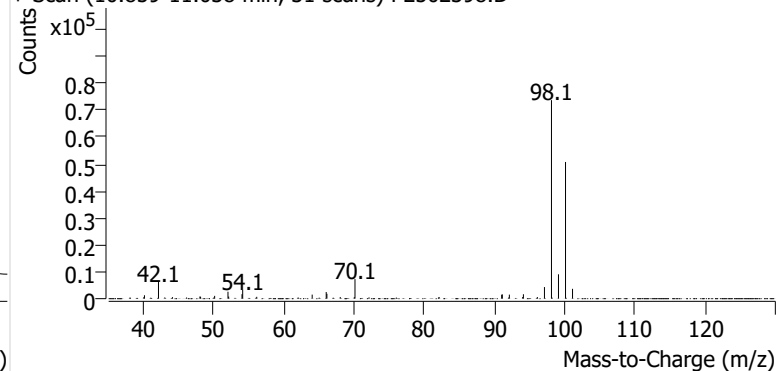


Toluene-d8 (IS)

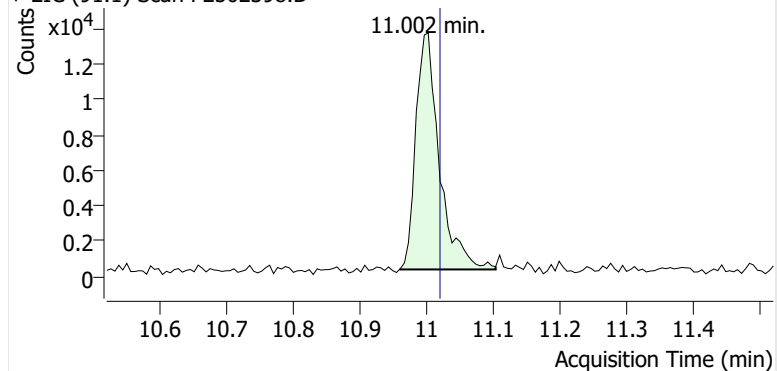
+ EIC (98.1) Scan P2502398.D



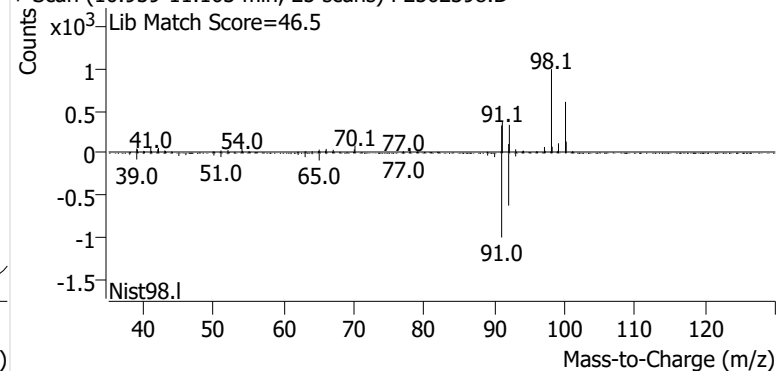
+ Scan (10.859-11.038 min, 31 scans) P2502398.D

**Toluene**

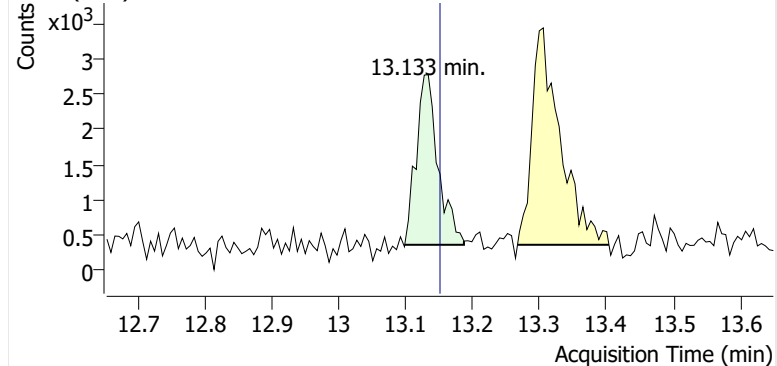
+ EIC (91.1) Scan P2502398.D



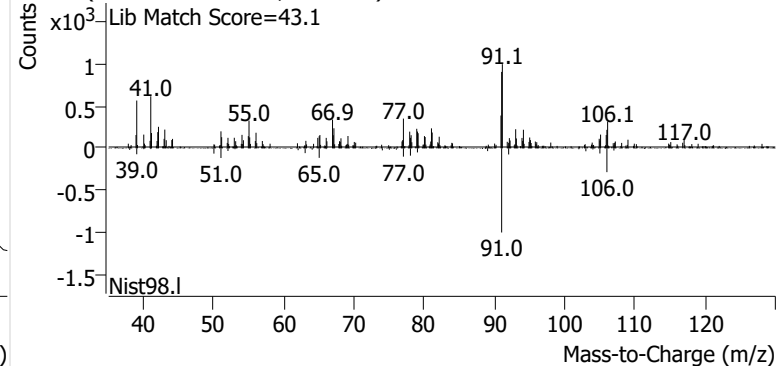
+ Scan (10.959-11.103 min, 25 scans) P2502398.D

**Ethylbenzene**

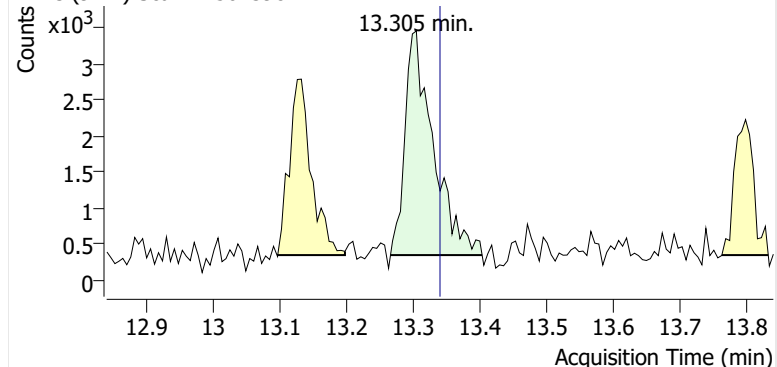
+ EIC (91.1) Scan P2502398.D



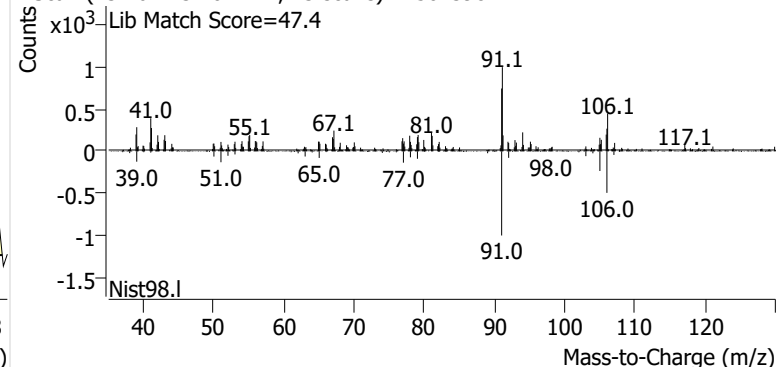
+ Scan (13.098-13.186 min, 15 scans) P2502398.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502398.D

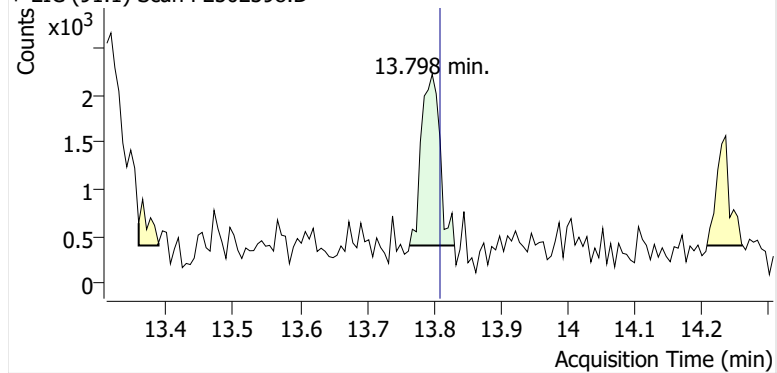


+ Scan (13.267-13.404 min, 23 scans) P2502398.D

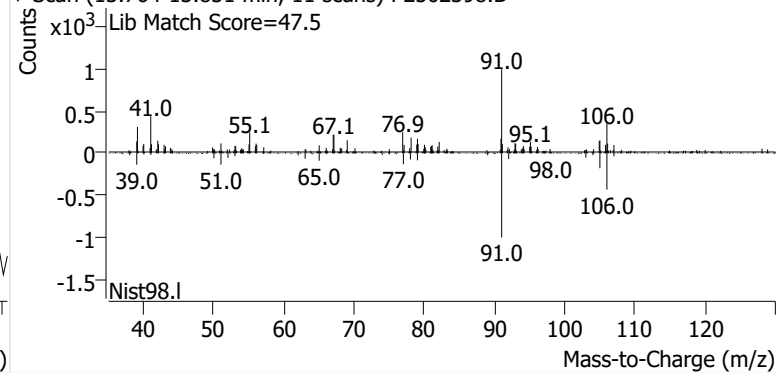


o-Xylene

+ EIC (91.1) Scan P2502398.D

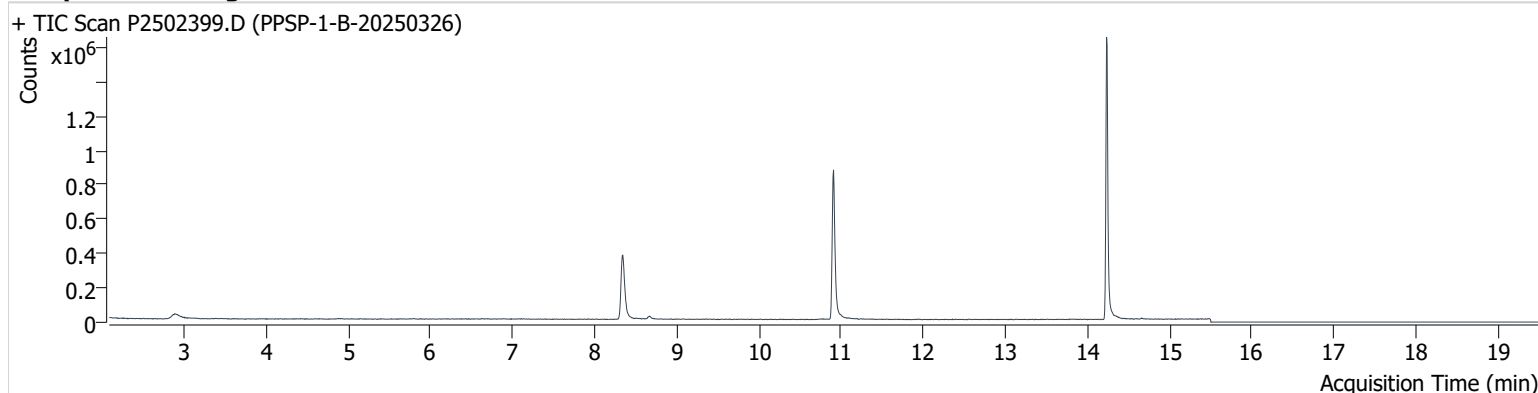


+ Scan (13.764-13.831 min, 11 scans) P2502398.D



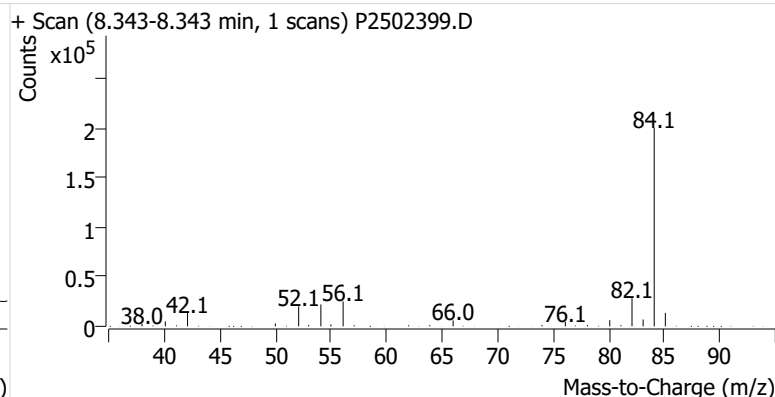
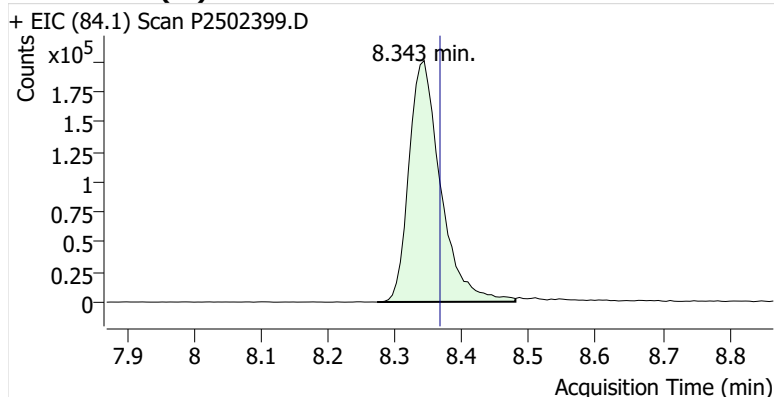
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Comment B43025
Data File P2502399.D
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Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

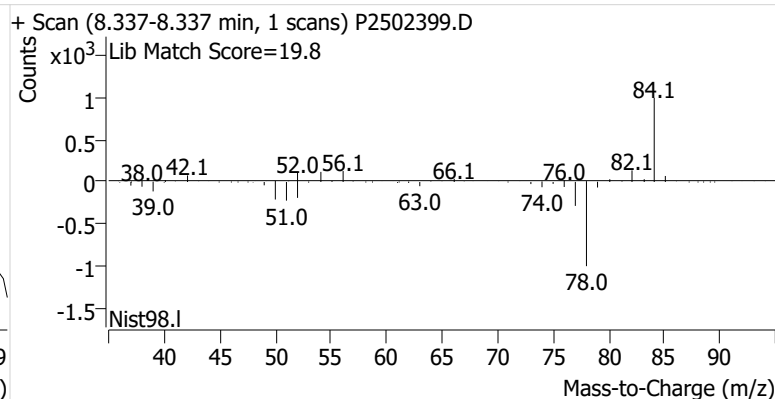
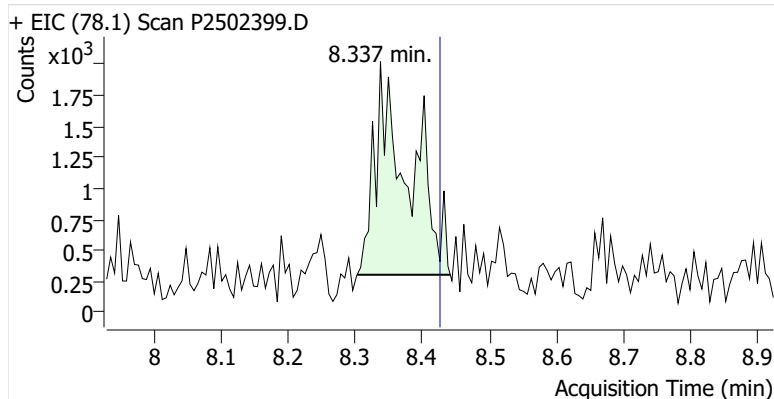


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	660,439	
Benzene	benzene-d6 (IS)	8.337	8.426	6,061	
Toluene-d8 (IS)		10.907	10.931	820,196	
Toluene	Toluene-d8 (IS)	10.996	11.020	4,693	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	856	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	751	m
o-Xylene	Toluene-d8 (IS)	13.649	13.809	ND	m

benzene-d6 (IS)

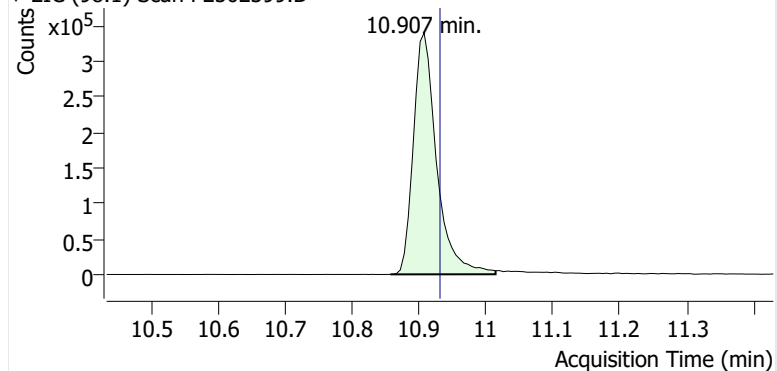


Benzene

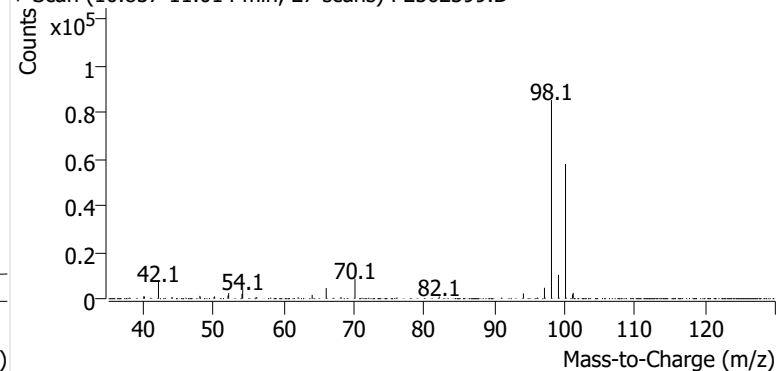


Toluene-d8 (IS)

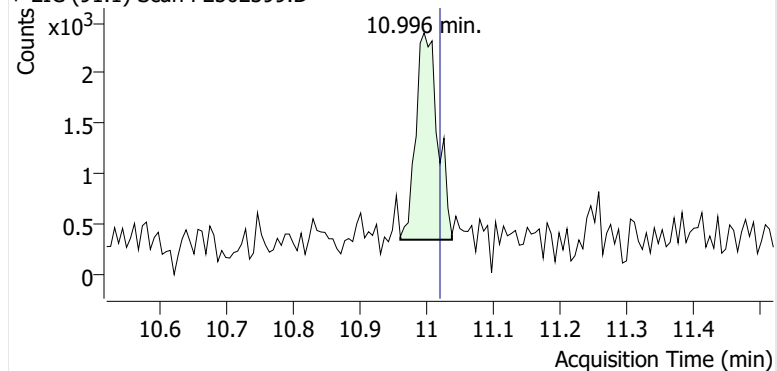
+ EIC (98.1) Scan P2502399.D



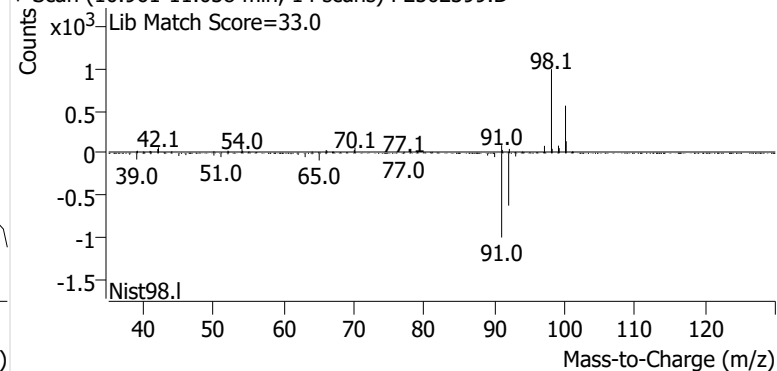
+ Scan (10.857-11.014 min, 27 scans) P2502399.D

**Toluene**

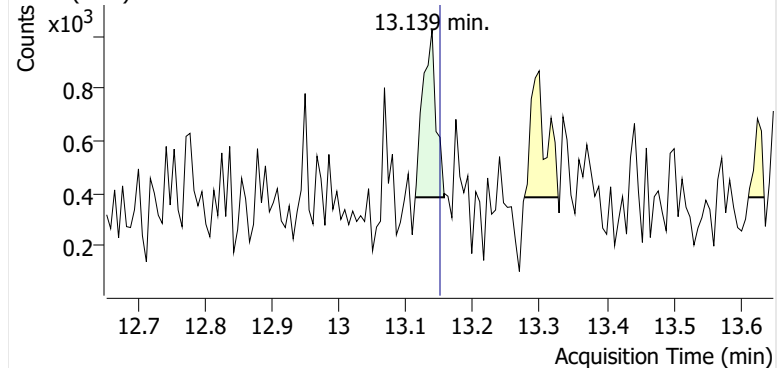
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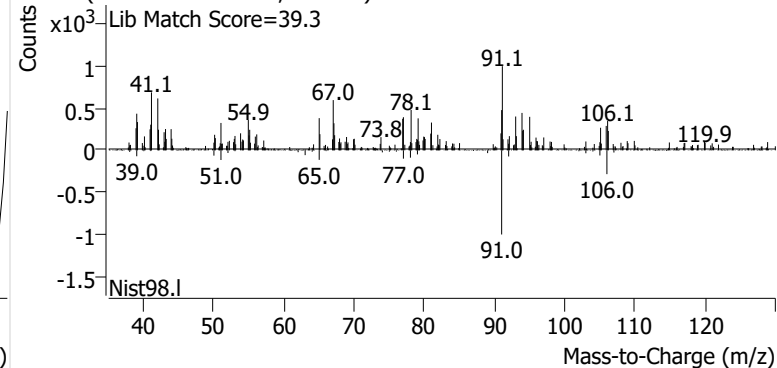
+ Scan (10.961-11.038 min, 14 scans) P2502399.D

**Ethylbenzene**

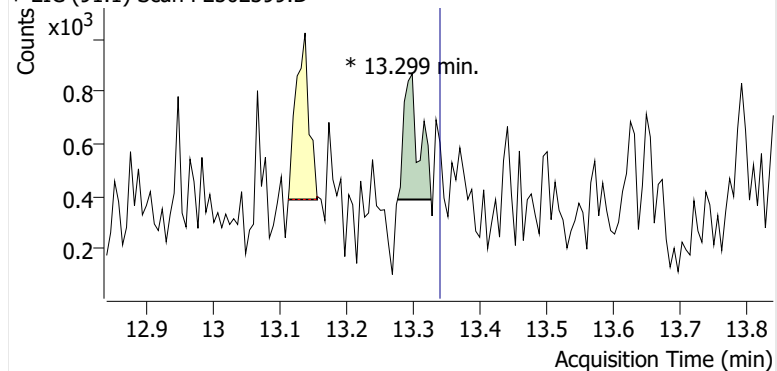
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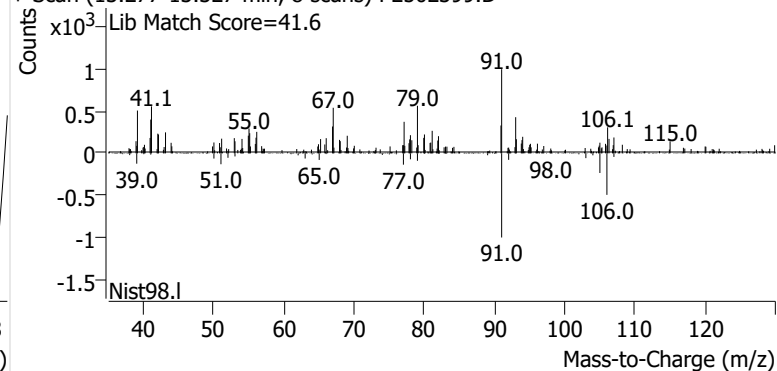
+ Scan (13.114-13.157 min, 8 scans) P2502399.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502399.D

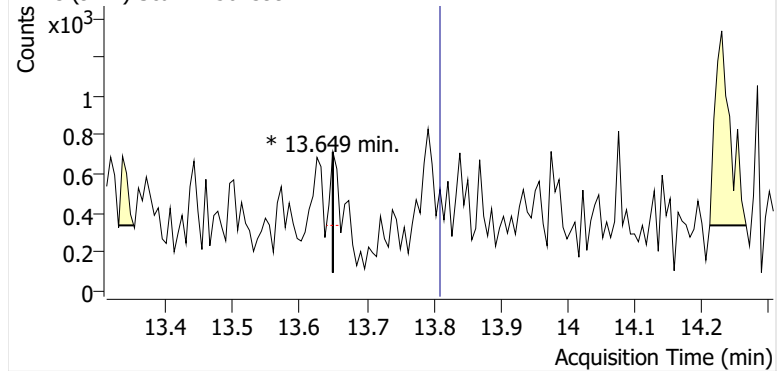


+ Scan (13.277-13.327 min, 8 scans) P2502399.D

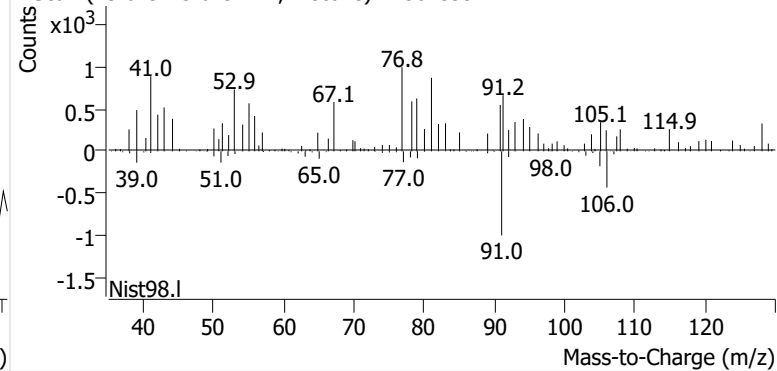


o-Xylene

+ EIC (91.1) Scan P2502399.D

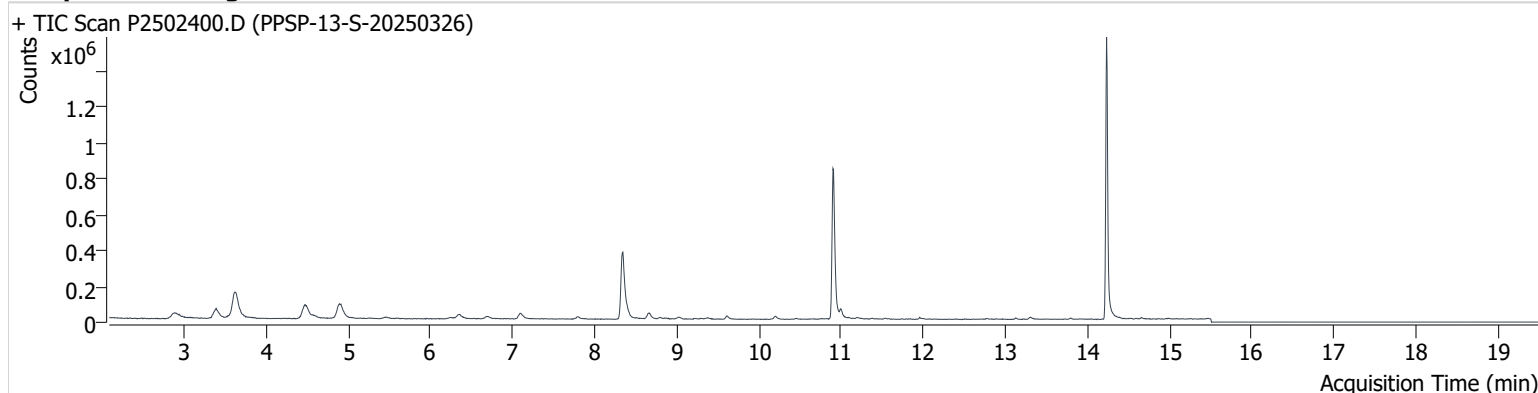


+ Scan (13.649-13.649 min, 1 scans) P2502399.D



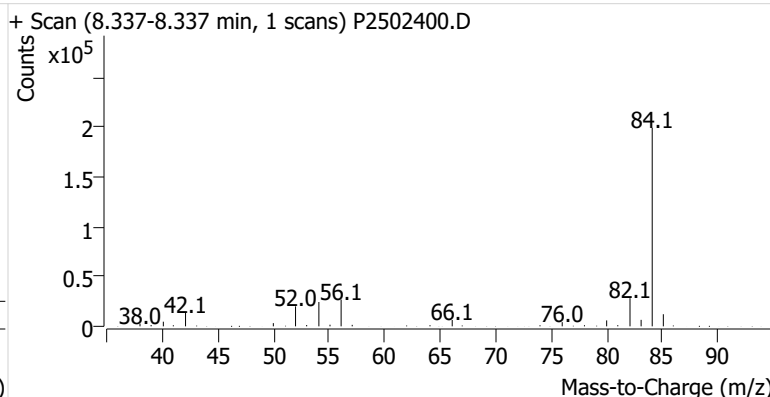
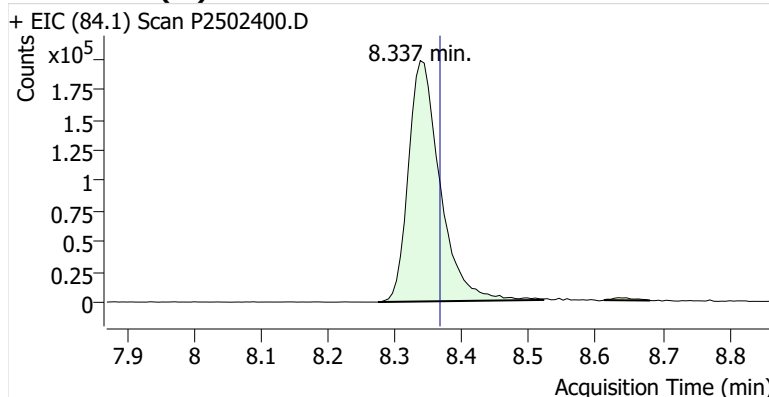
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Comment B45037
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Acq. Date-Time 4/18/2025 6:26:45 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

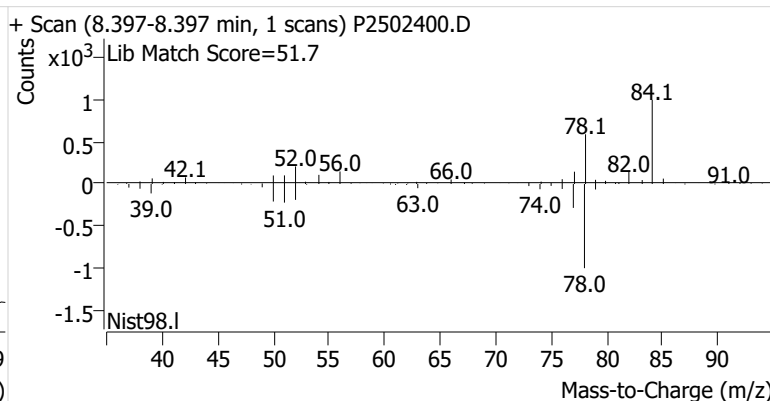
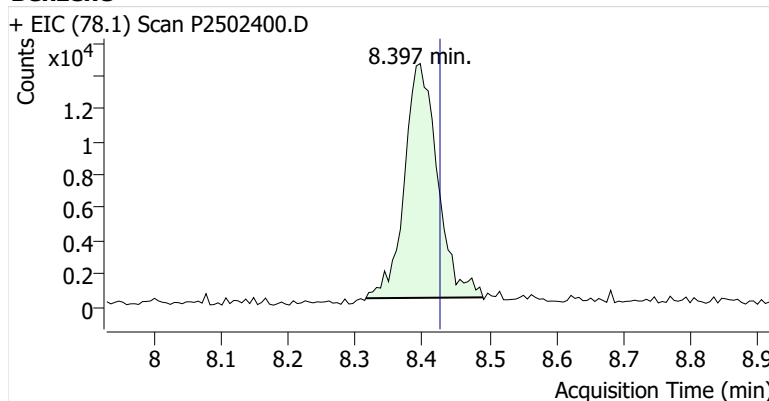


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	655,859	
Benzene	benzene-d6 (IS)	8.397	8.426	48,892	
Toluene-d8 (IS)		10.901	10.931	815,065	
Toluene	Toluene-d8 (IS)	10.996	11.020	35,151	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	6,740	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	10,689	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	3,993	

benzene-d6 (IS)

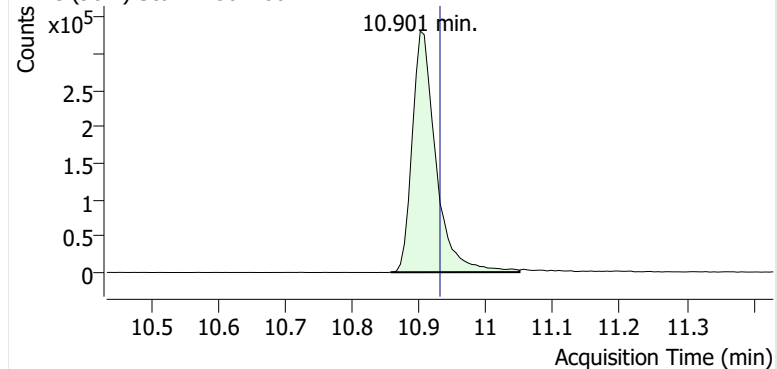


Benzene

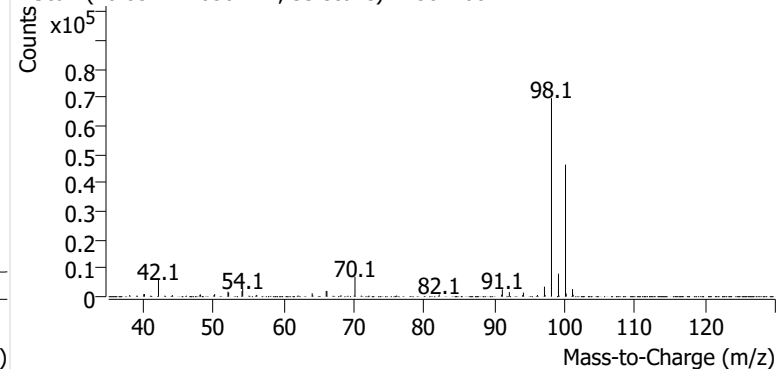


Toluene-d8 (IS)

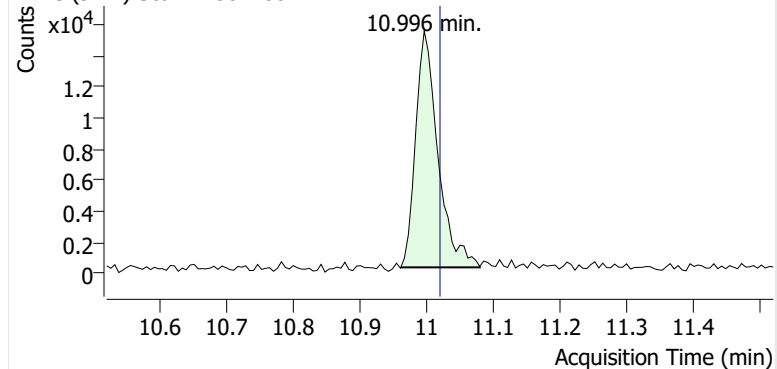
+ EIC (98.1) Scan P2502400.D



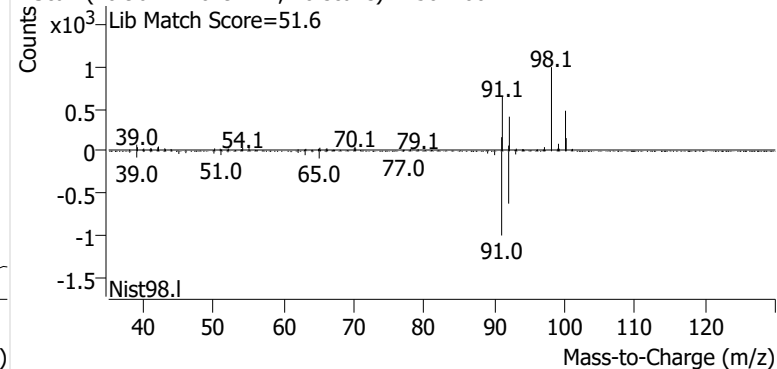
+ Scan (10.857-11.050 min, 33 scans) P2502400.D

**Toluene**

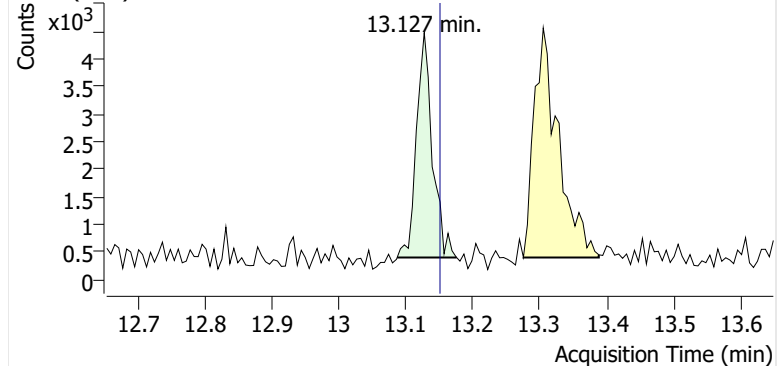
+ EIC (91.1) Scan P2502400.D



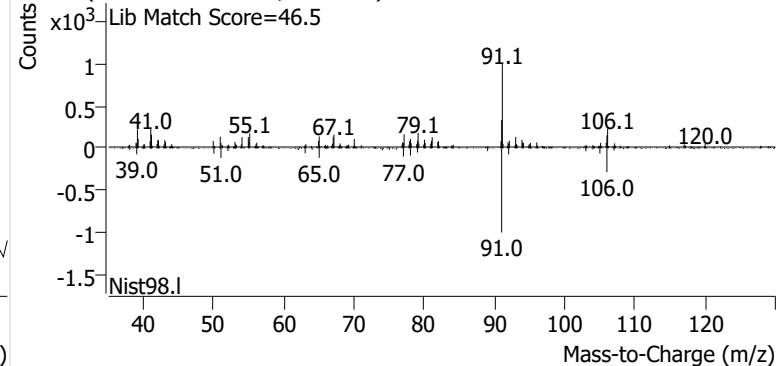
+ Scan (10.961-11.079 min, 20 scans) P2502400.D

**Ethylbenzene**

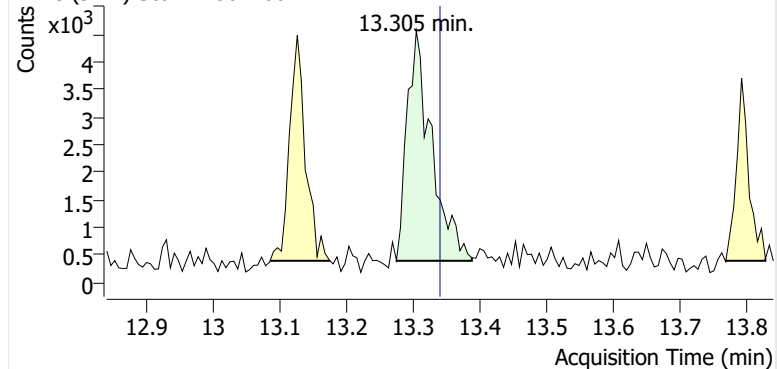
+ EIC (91.1) Scan P2502400.D



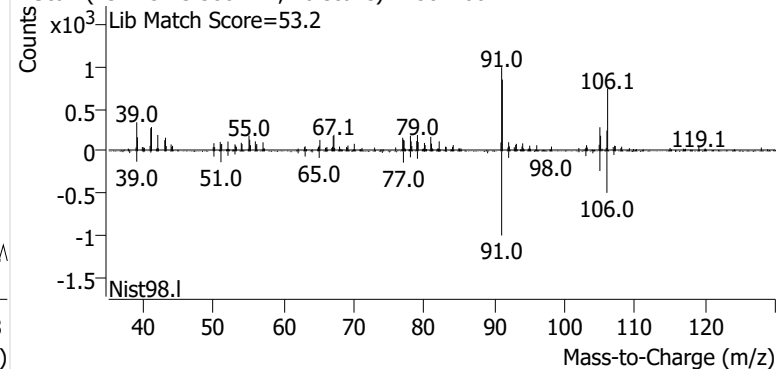
+ Scan (13.087-13.176 min, 15 scans) P2502400.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502400.D

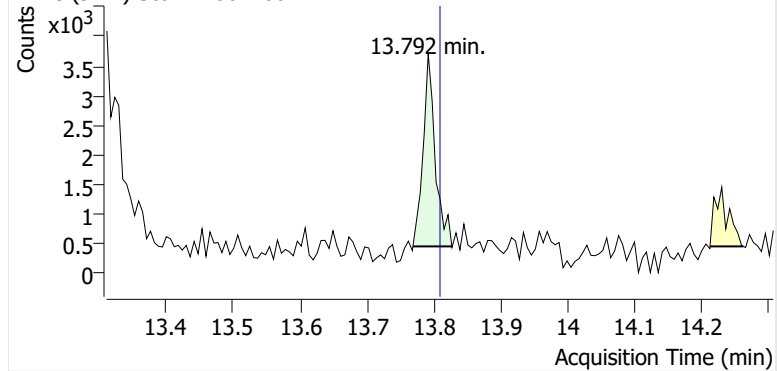


+ Scan (13.275-13.388 min, 20 scans) P2502400.D

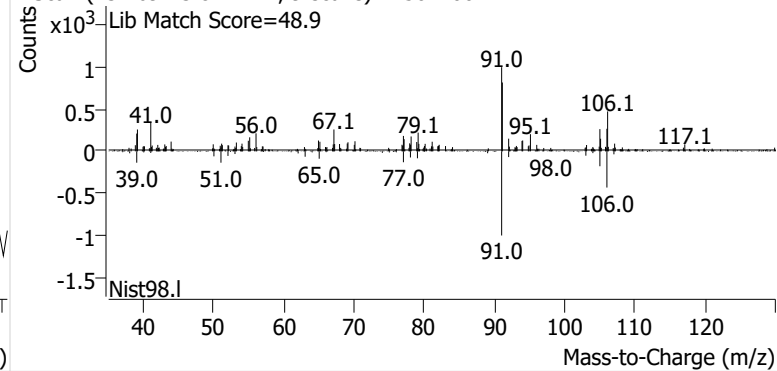


o-Xylene

+ EIC (91.1) Scan P2502400.D

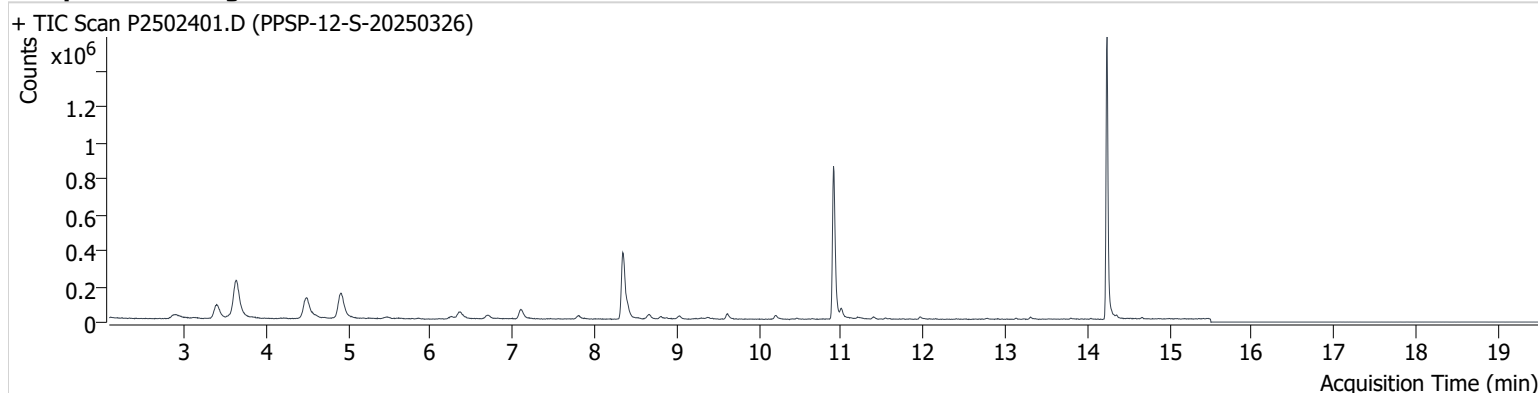


+ Scan (13.769-13.827 min, 9 scans) P2502400.D



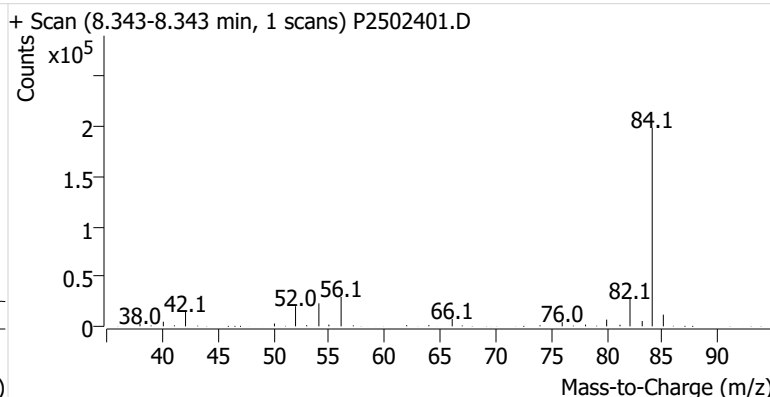
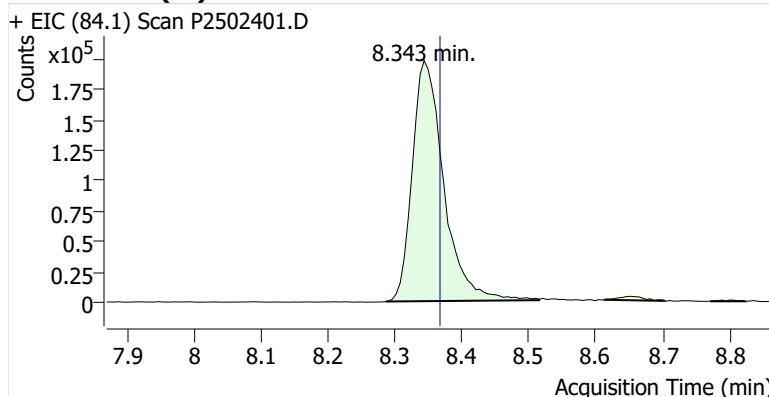
Name PPSP-12-S-20250326
Comment B44408
Data File P2502401.D
Acq. Date-Time 4/18/2025 7:04:01 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

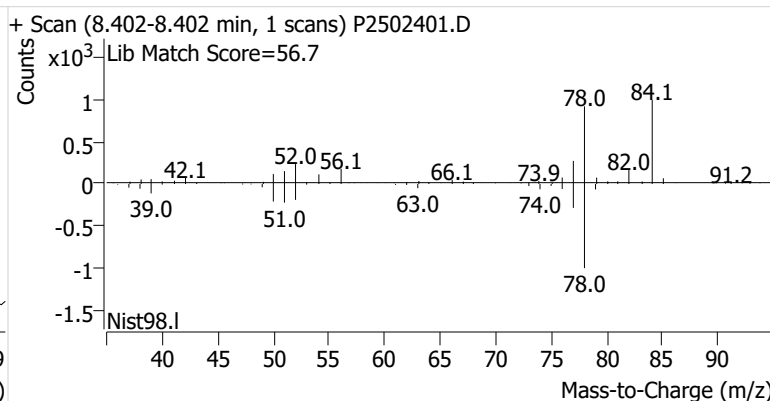
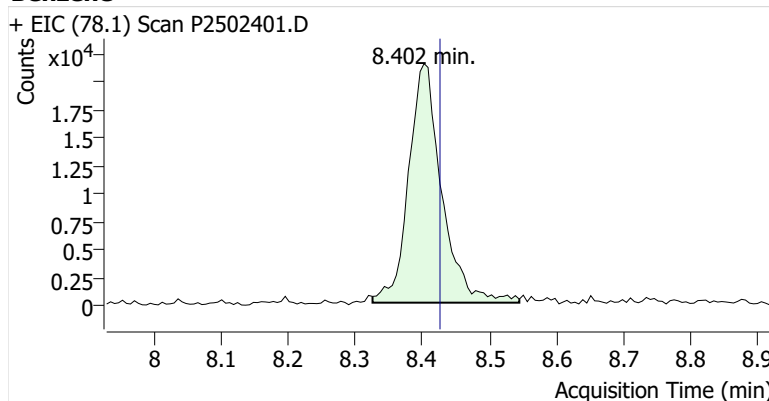


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	646,811	
Benzene	benzene-d6 (IS)	8.402	8.426	73,524	
Toluene-d8 (IS)		10.907	10.931	818,202	
Toluene	Toluene-d8 (IS)	11.002	11.020	43,699	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	4,394	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	9,864	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	3,696	

benzene-d6 (IS)

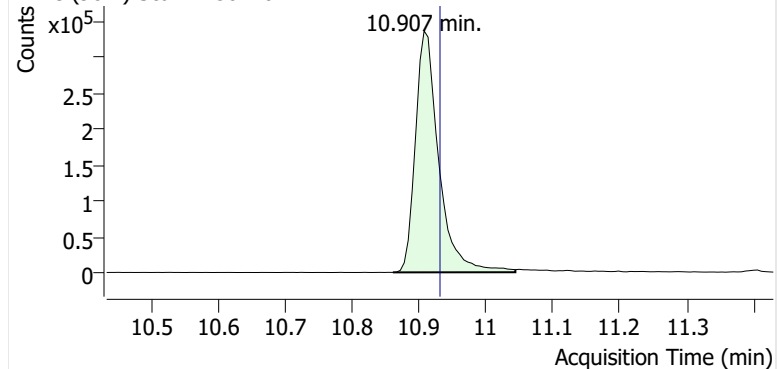


Benzene

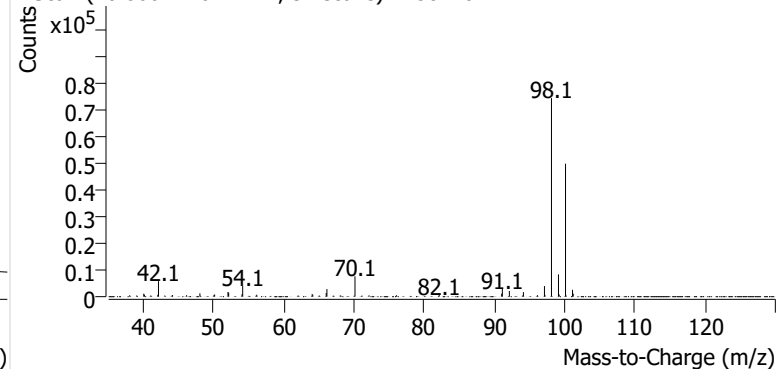


Toluene-d8 (IS)

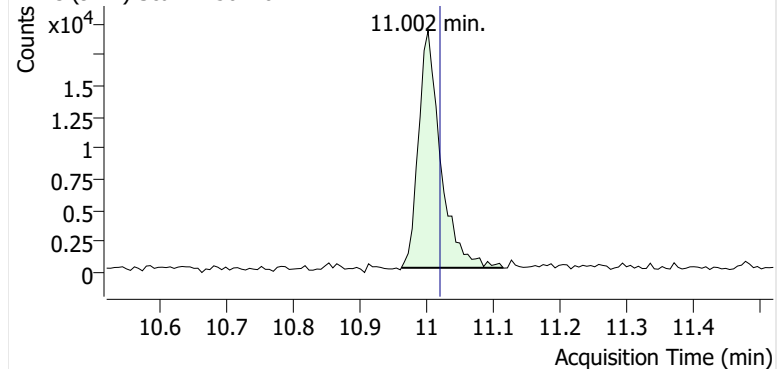
+ EIC (98.1) Scan P2502401.D



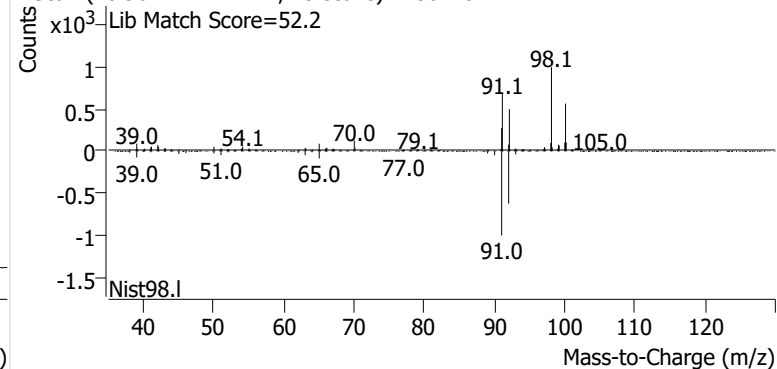
+ Scan (10.860-11.044 min, 31 scans) P2502401.D

**Toluene**

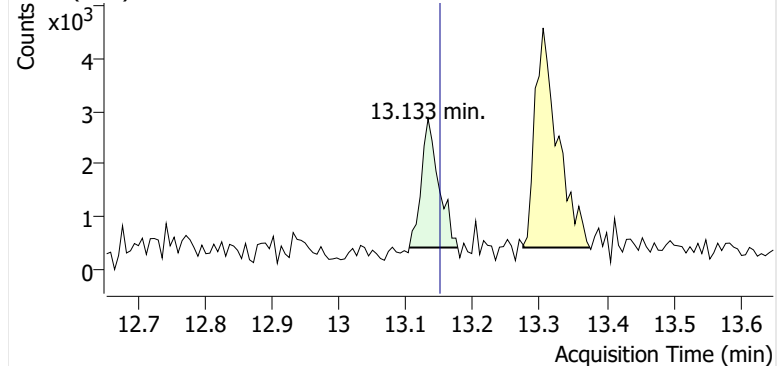
+ EIC (91.1) Scan P2502401.D



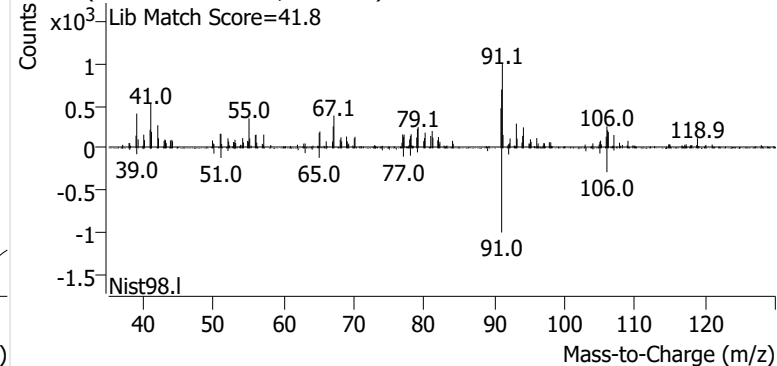
+ Scan (10.962-11.114 min, 25 scans) P2502401.D

**Ethylbenzene**

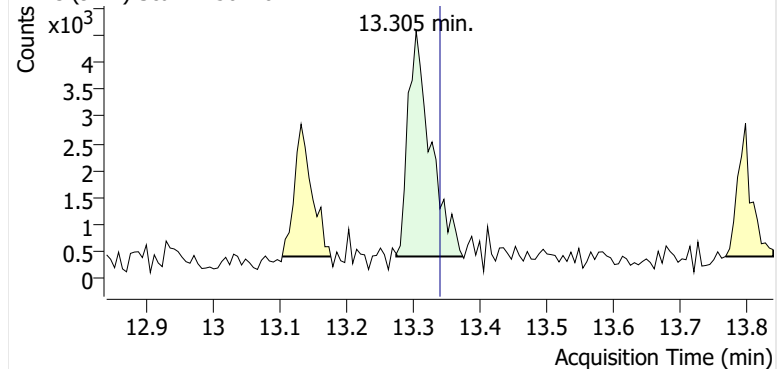
+ EIC (91.1) Scan P2502401.D



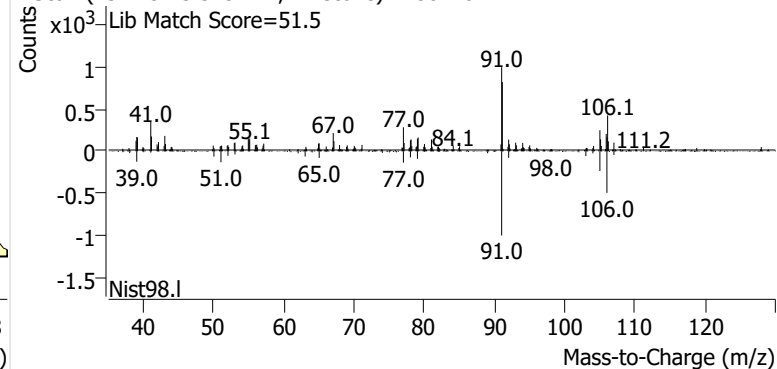
+ Scan (13.105-13.177 min, 12 scans) P2502401.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502401.D

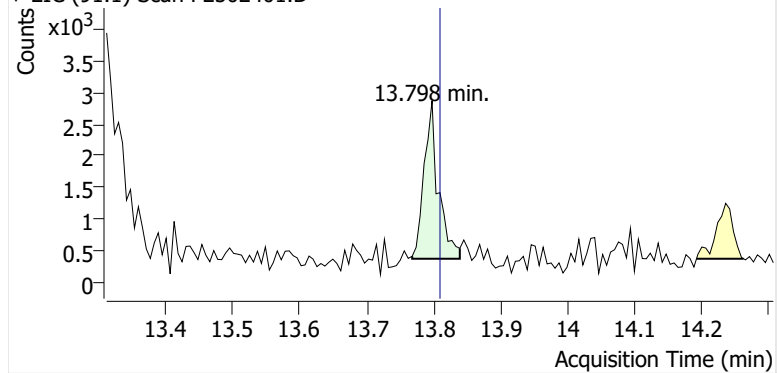


+ Scan (13.275-13.375 min, 17 scans) P2502401.D

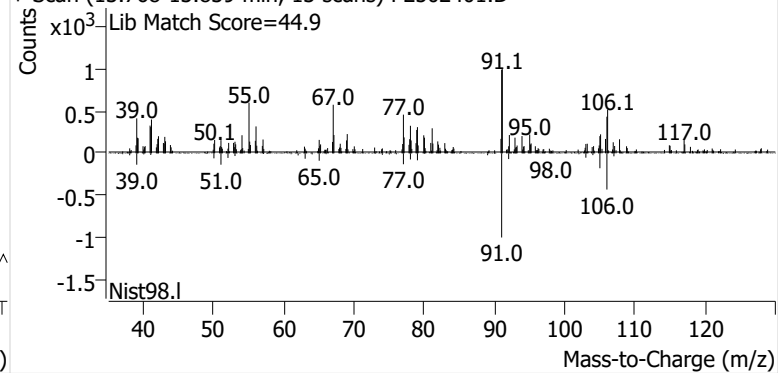


o-Xylene

+ EIC (91.1) Scan P2502401.D

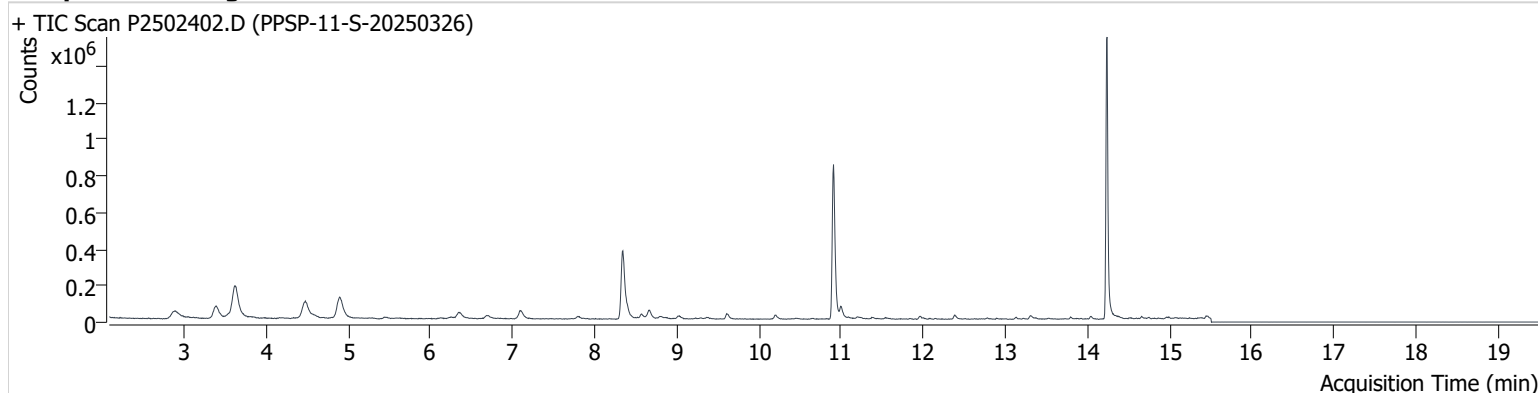


+ Scan (13.768-13.839 min, 13 scans) P2502401.D



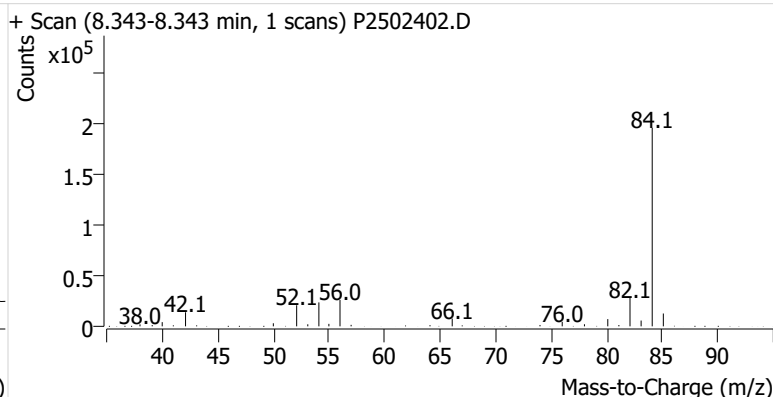
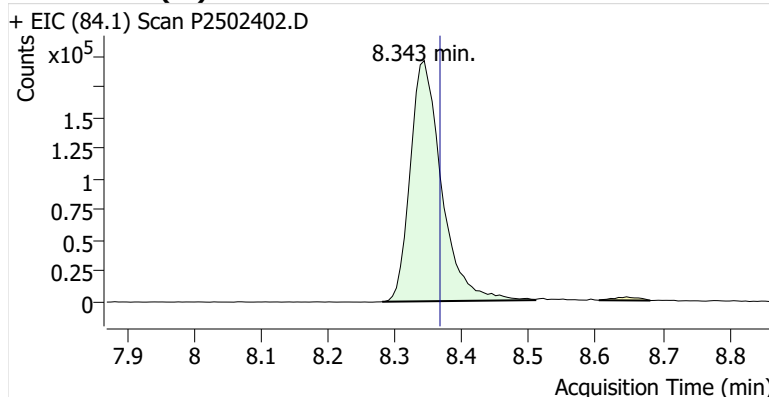
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Comment C57729
Data File P2502402.D
Acq. Date-Time 4/18/2025 7:41:18 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

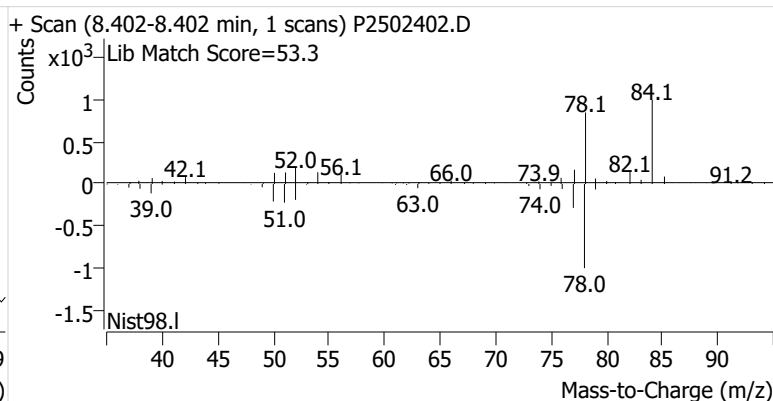
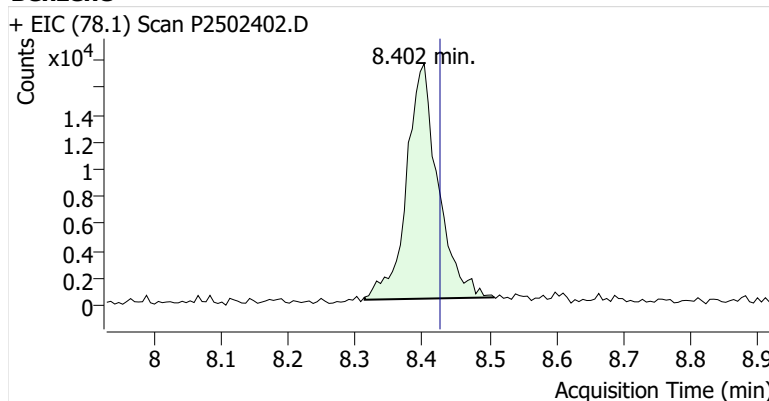


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	638,303	
Benzene	benzene-d6 (IS)	8.402	8.426	56,792	
Toluene-d8 (IS)		10.907	10.931	817,349	
Toluene	Toluene-d8 (IS)	10.996	11.020	51,535	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	7,929	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	18,506	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	6,852	

benzene-d6 (IS)

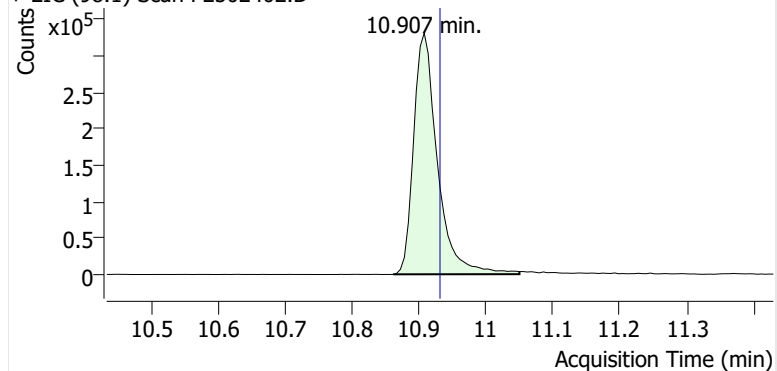


Benzene

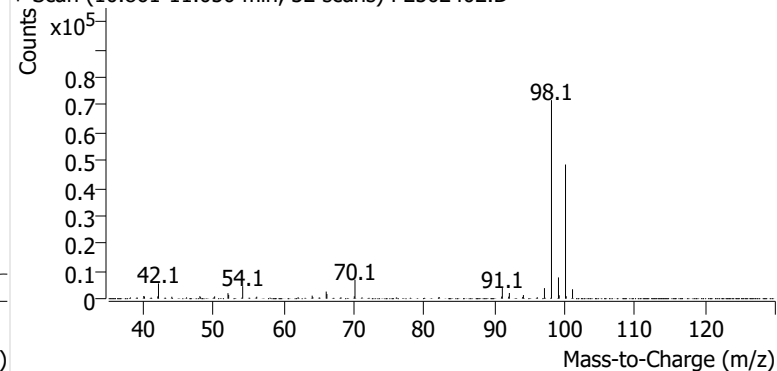


Toluene-d8 (IS)

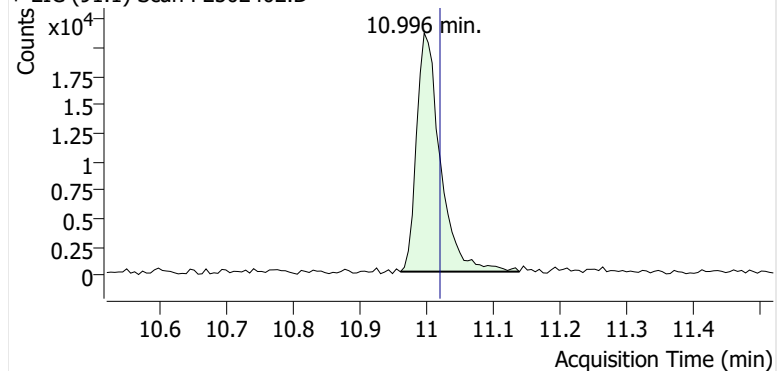
+ EIC (98.1) Scan P2502402.D



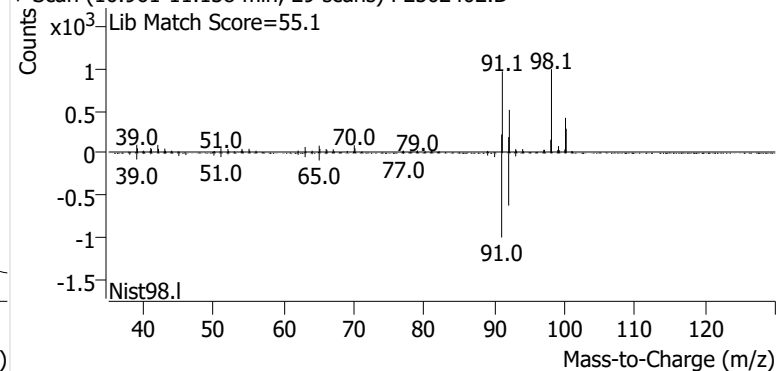
+ Scan (10.861-11.050 min, 32 scans) P2502402.D

**Toluene**

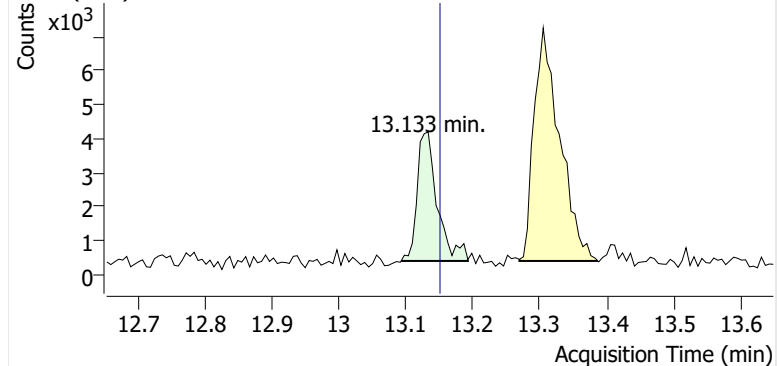
+ EIC (91.1) Scan P2502402.D



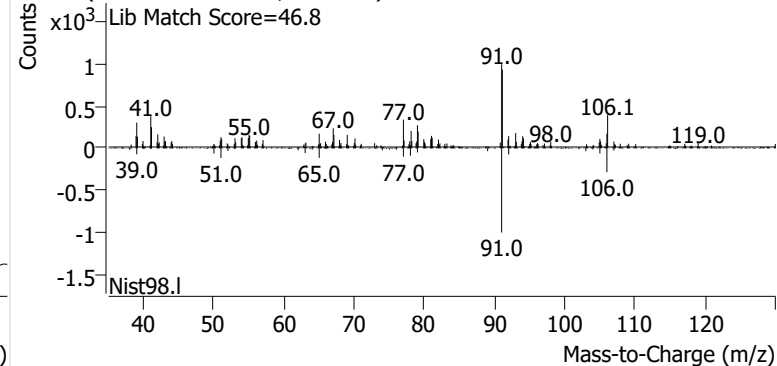
+ Scan (10.961-11.138 min, 29 scans) P2502402.D

**Ethylbenzene**

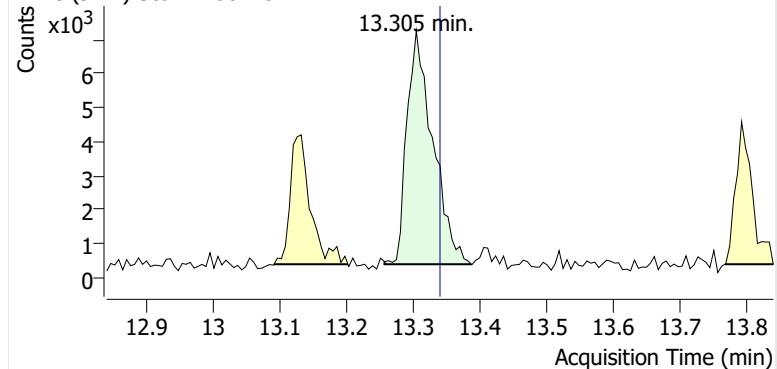
+ EIC (91.1) Scan P2502402.D



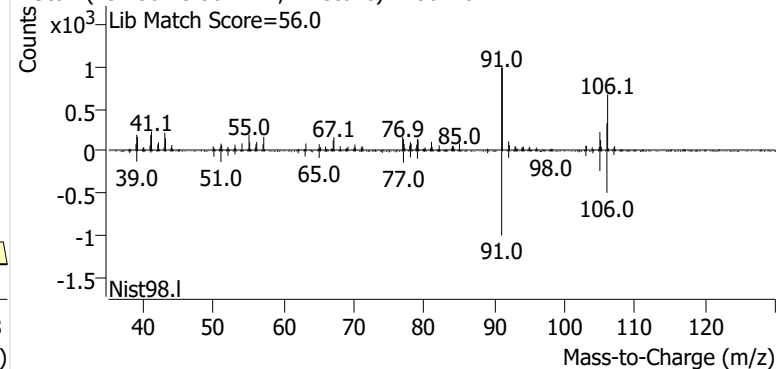
+ Scan (13.092-13.192 min, 17 scans) P2502402.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502402.D

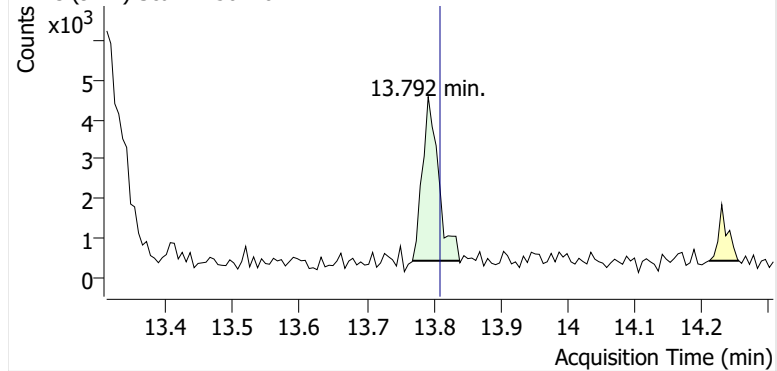


+ Scan (13.258-13.387 min, 22 scans) P2502402.D

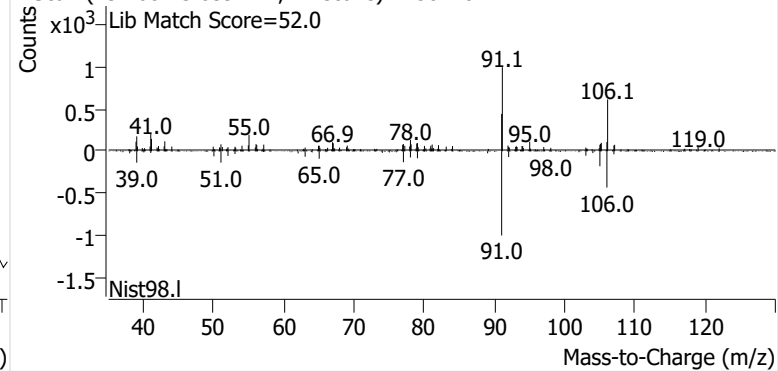


o-Xylene

+ EIC (91.1) Scan P2502402.D

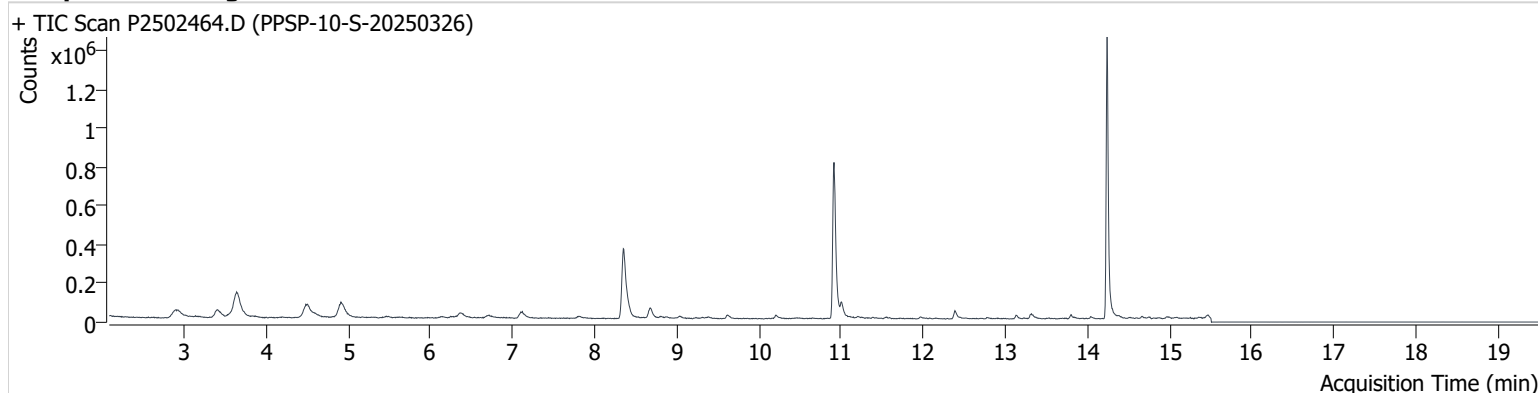


+ Scan (13.768-13.839 min, 11 scans) P2502402.D



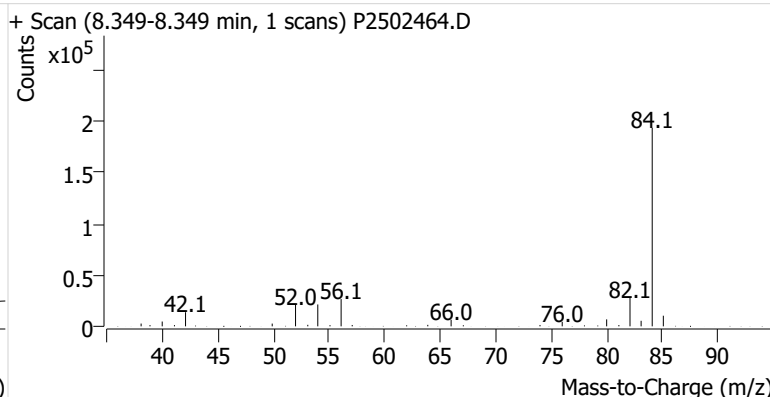
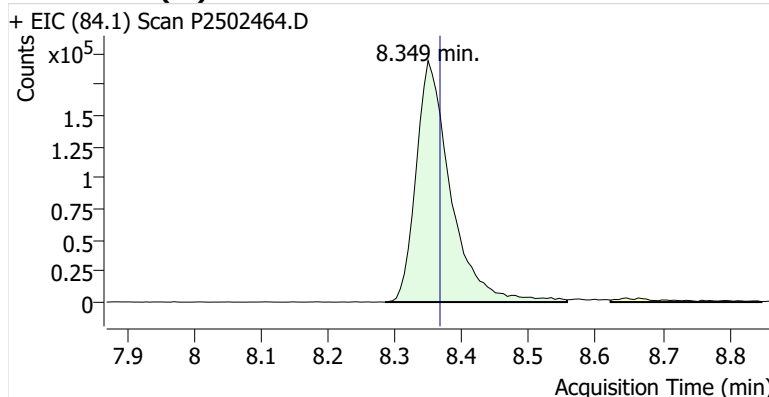
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Comment C57725; Recollect
Data File P2502464.D
Acq. Date-Time 4/22/2025 10:23:20 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

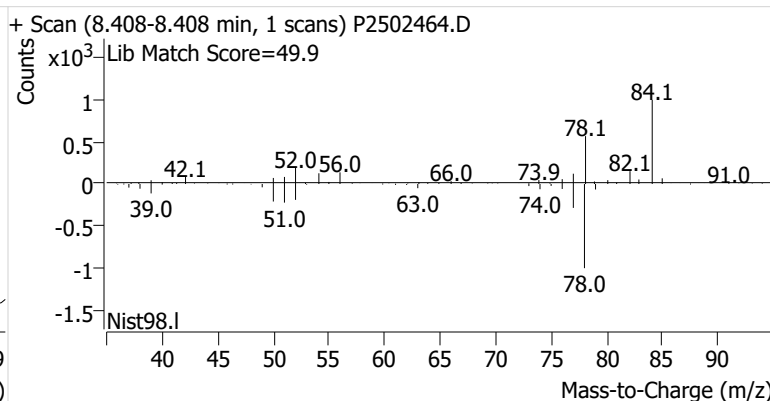
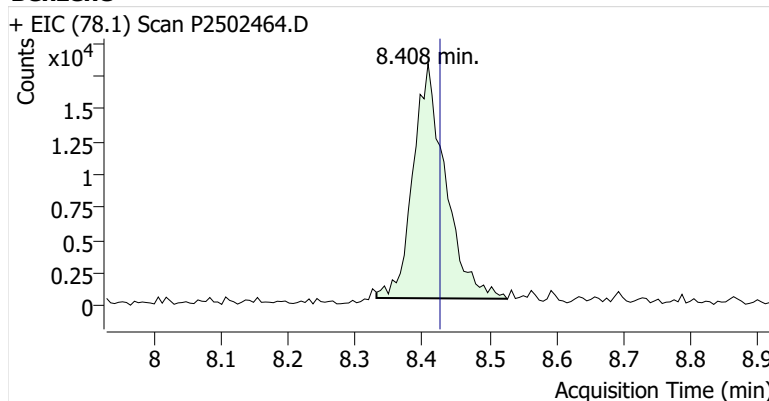


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	694,746	
Benzene	benzene-d6 (IS)	8.408	8.426	60,112	
Toluene-d8 (IS)		10.913	10.931	868,958	
Toluene	Toluene-d8 (IS)	11.008	11.020	64,057	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	18,669	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	26,991	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	15,490	

benzene-d6 (IS)

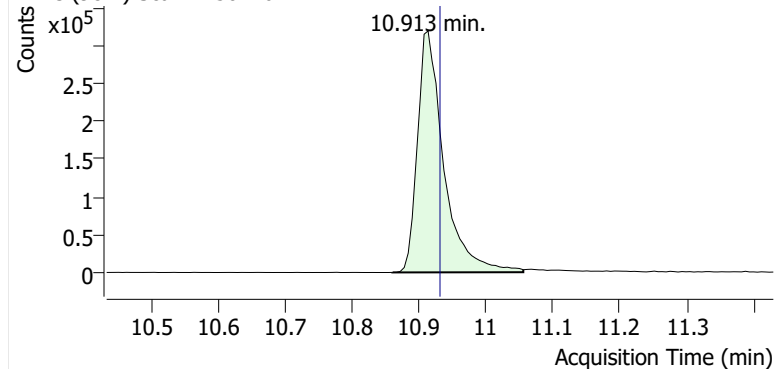


Benzene

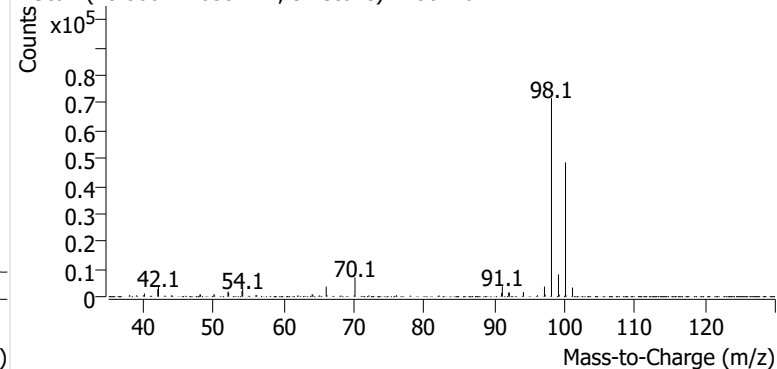


Toluene-d8 (IS)

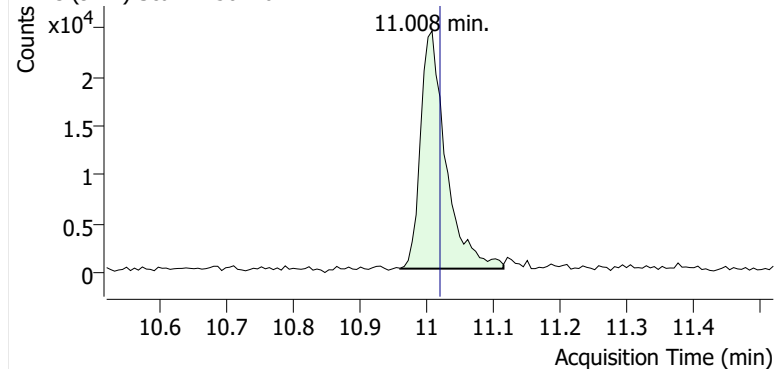
+ EIC (98.1) Scan P2502464.D



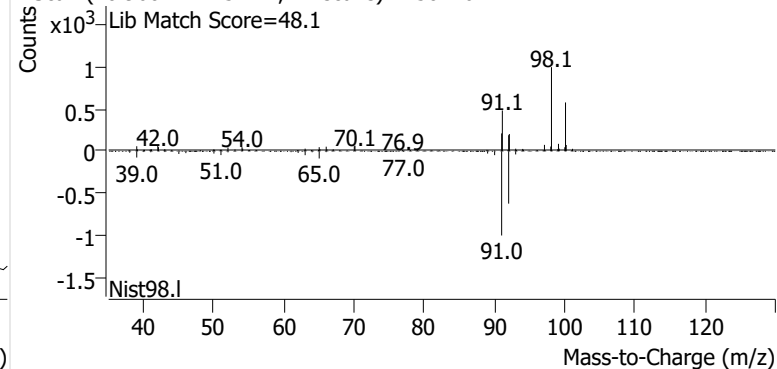
+ Scan (10.860-11.055 min, 34 scans) P2502464.D

**Toluene**

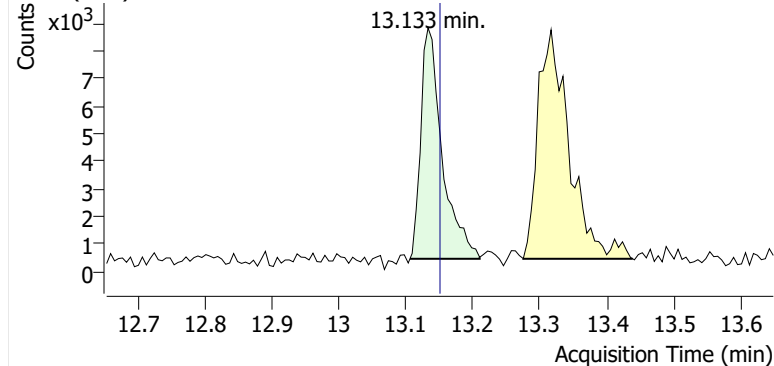
+ EIC (91.1) Scan P2502464.D



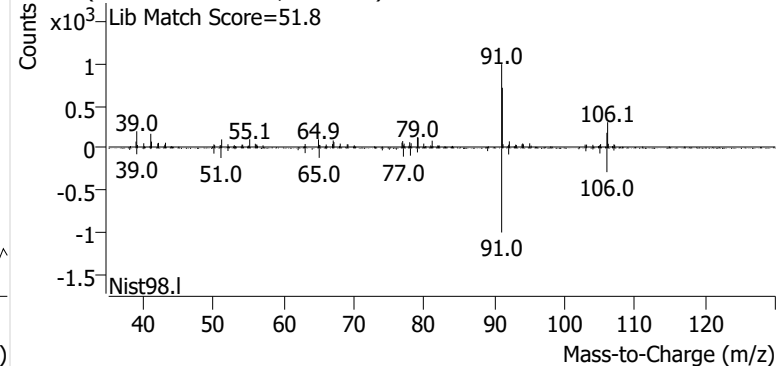
+ Scan (10.960-11.115 min, 27 scans) P2502464.D

**Ethylbenzene**

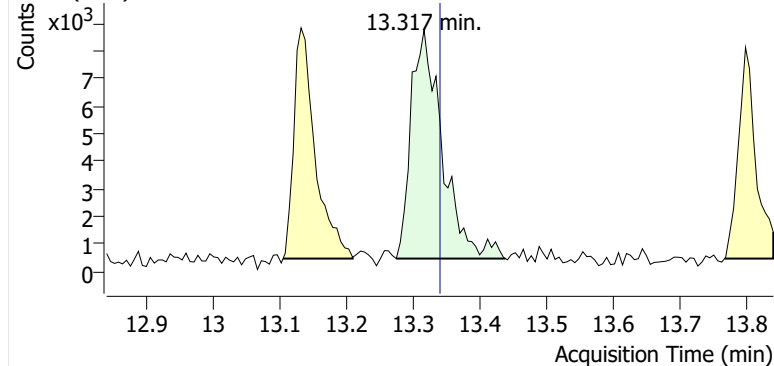
+ EIC (91.1) Scan P2502464.D



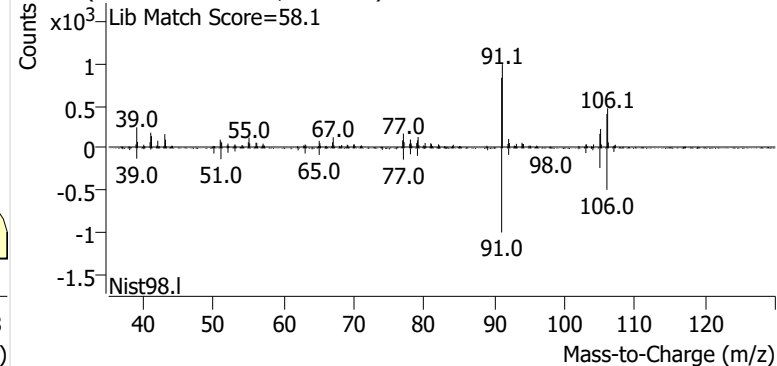
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**m-/p-Xylenes**

+ EIC (91.1) Scan P2502464.D

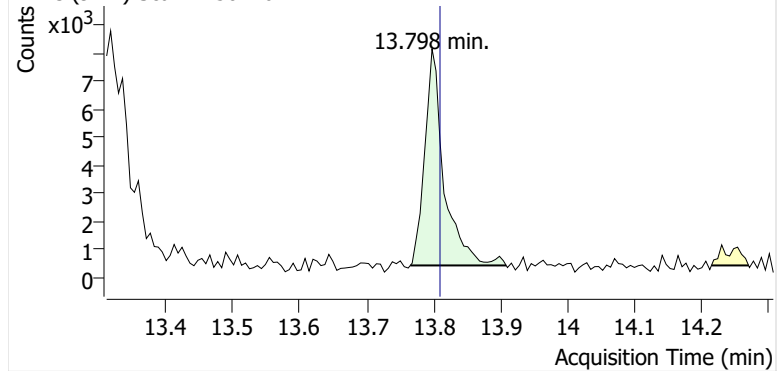


+ Scan (13.275-13.438 min, 27 scans) P2502464.D

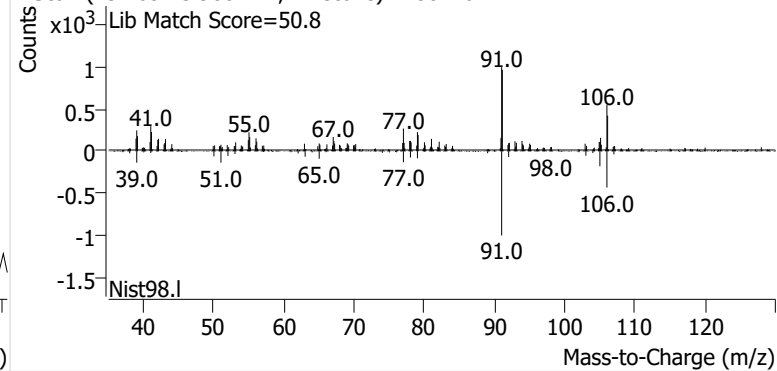


o-Xylene

+ EIC (91.1) Scan P2502464.D

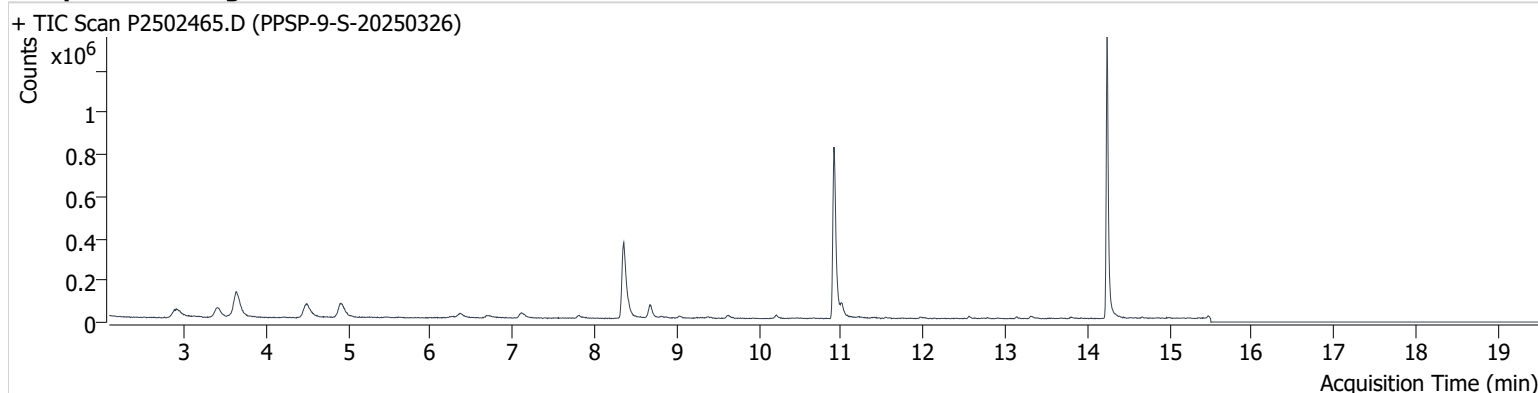


+ Scan (13.765-13.908 min, 24 scans) P2502464.D



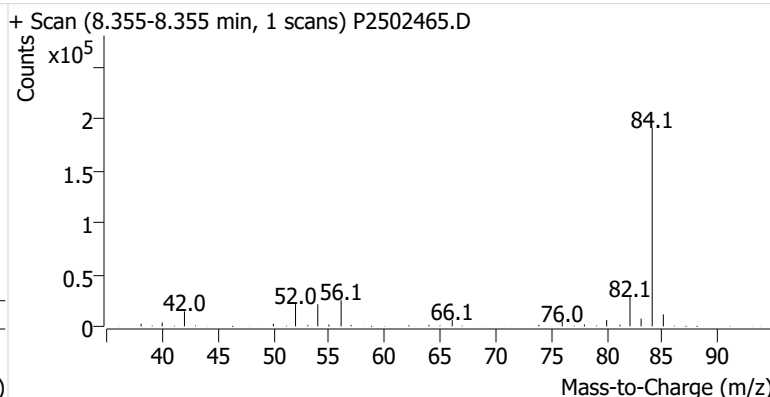
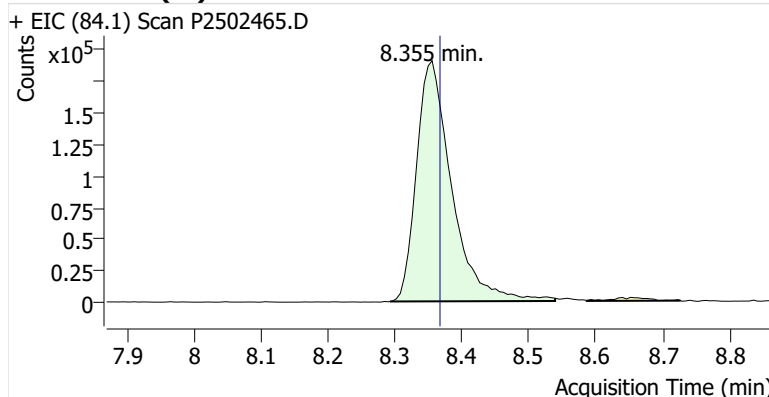
Name PPSP-9-S-20250326
Comment B33039; Recollect
Data File P2502465.D
Acq. Date-Time 4/22/2025 10:58:23 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

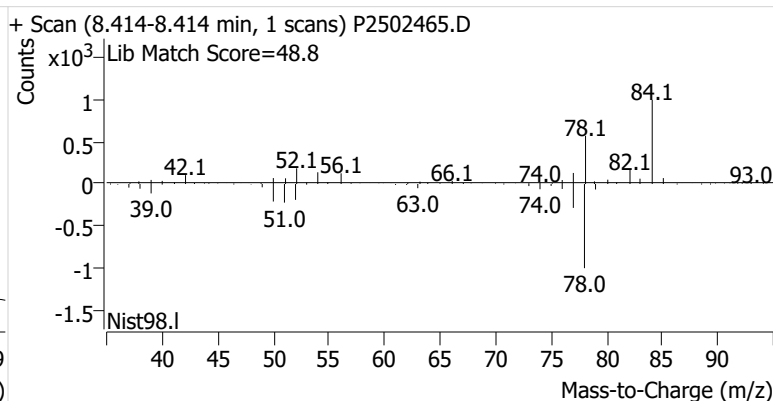
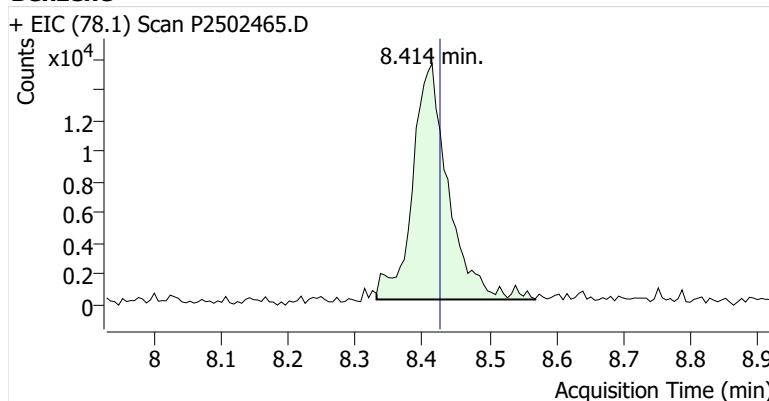


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.355	8.367	697,440	
Benzene	benzene-d6 (IS)	8.414	8.426	57,407	
Toluene-d8 (IS)		10.913	10.931	879,516	
Toluene	Toluene-d8 (IS)	11.008	11.020	55,421	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	6,856	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	12,013	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	5,079	

benzene-d6 (IS)

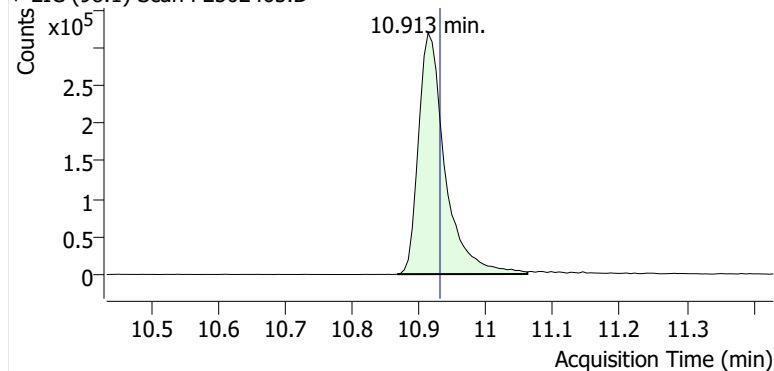


Benzene

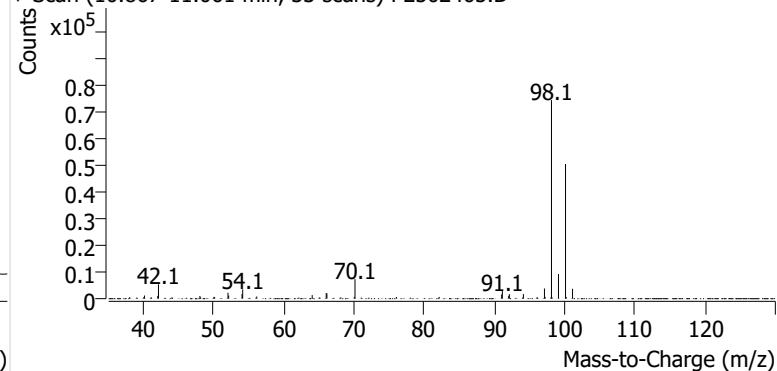


Toluene-d8 (IS)

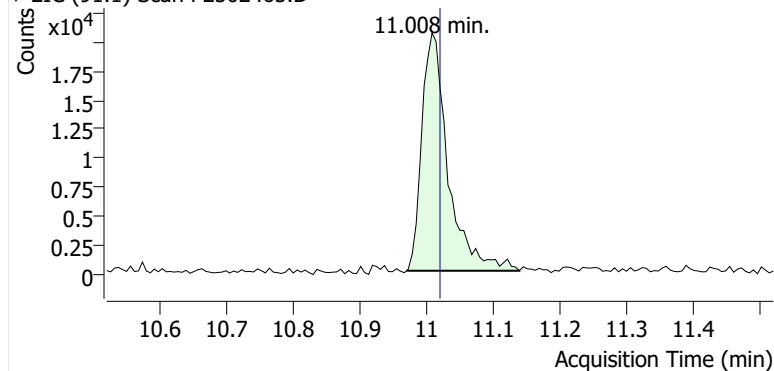
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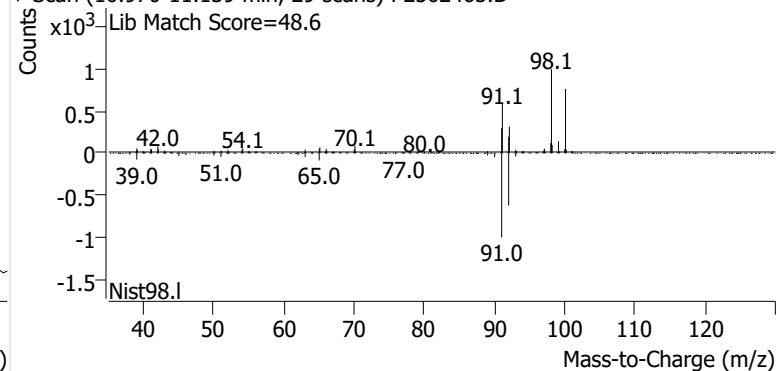
+ Scan (10.867-11.061 min, 33 scans) P2502465.D

**Toluene**

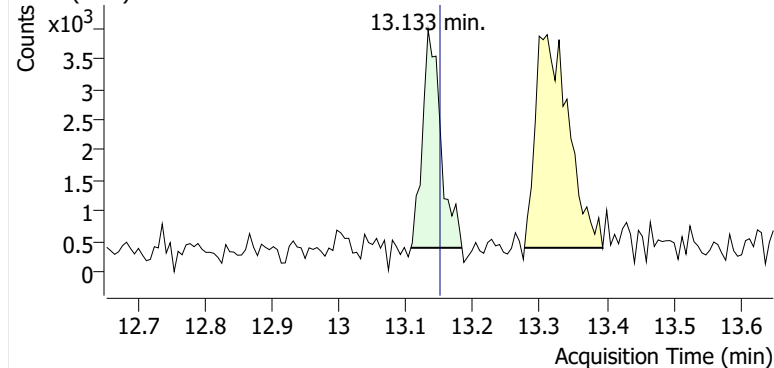
+ EIC (91.1) Scan P2502465.D



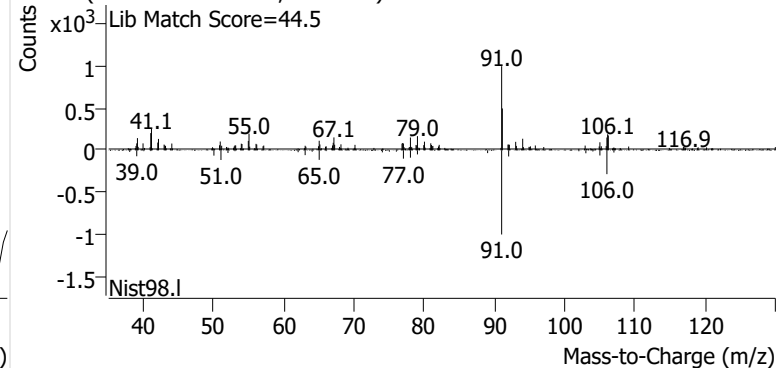
+ Scan (10.970-11.139 min, 29 scans) P2502465.D

**Ethylbenzene**

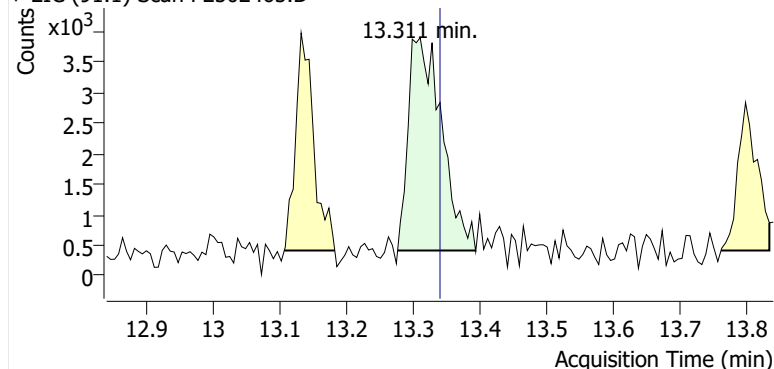
+ EIC (91.1) Scan P2502465.D



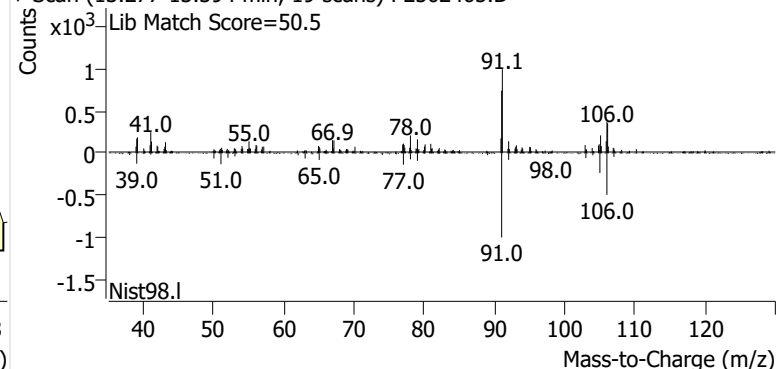
+ Scan (13.107-13.183 min, 13 scans) P2502465.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502465.D

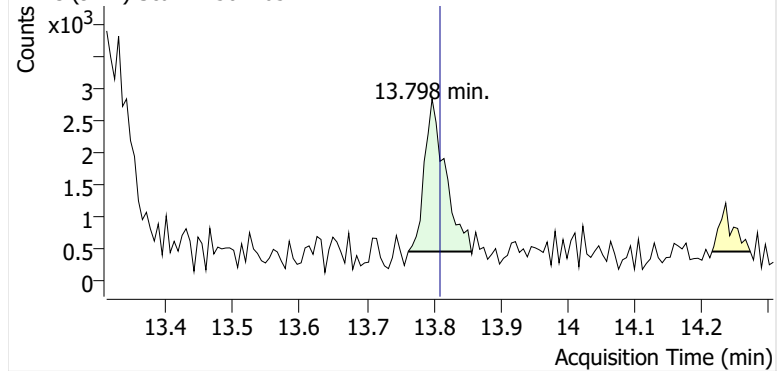


+ Scan (13.277-13.394 min, 19 scans) P2502465.D

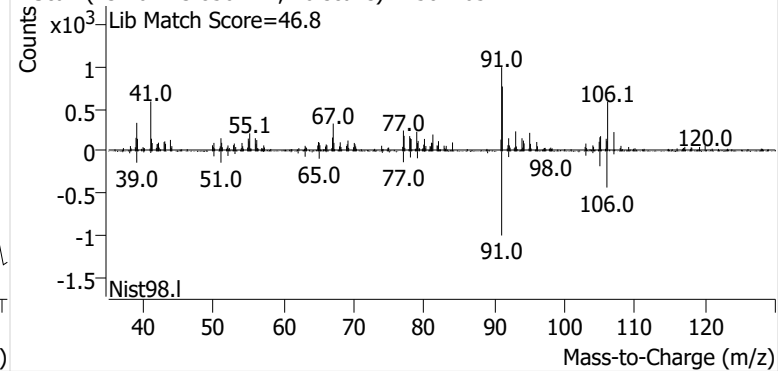


o-Xylene

+ EIC (91.1) Scan P2502465.D

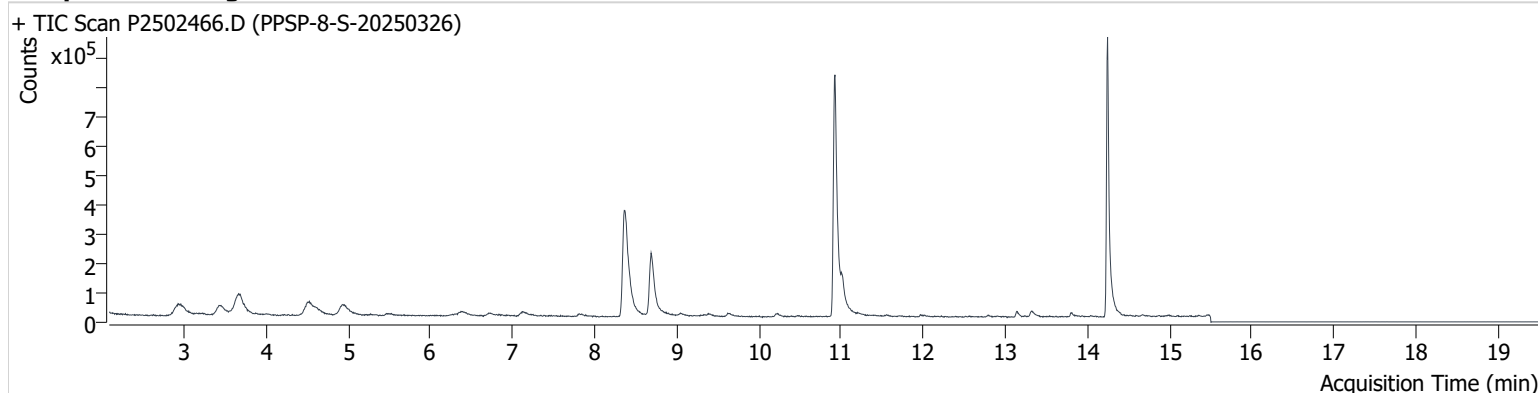


+ Scan (13.762-13.856 min, 16 scans) P2502465.D



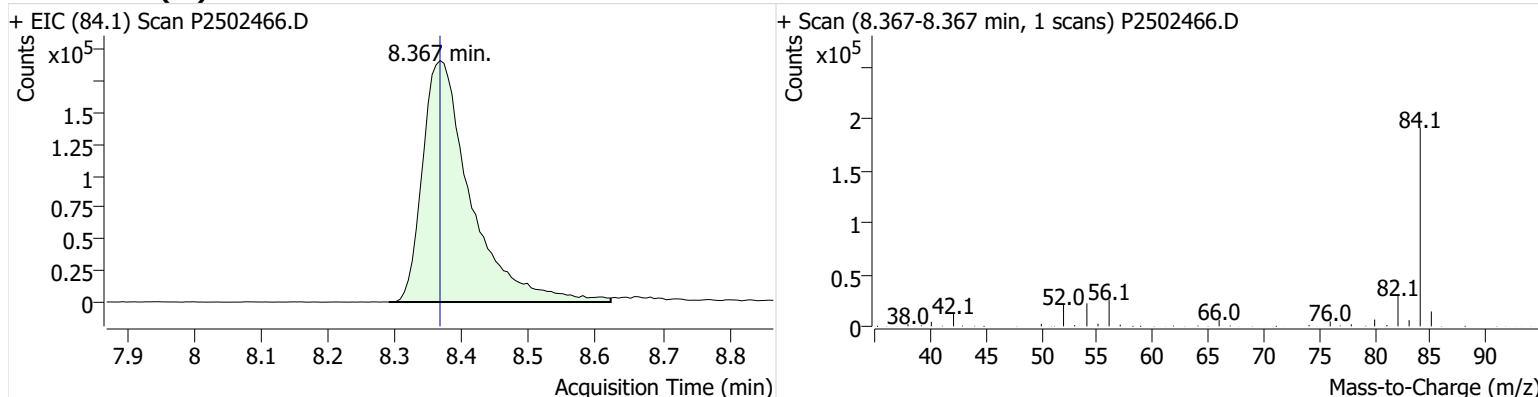
Name PPSP-8-S-20250326
Comment B17185; Recollect
Data File P2502466.D
Acq. Date-Time 4/22/2025 11:45:56 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

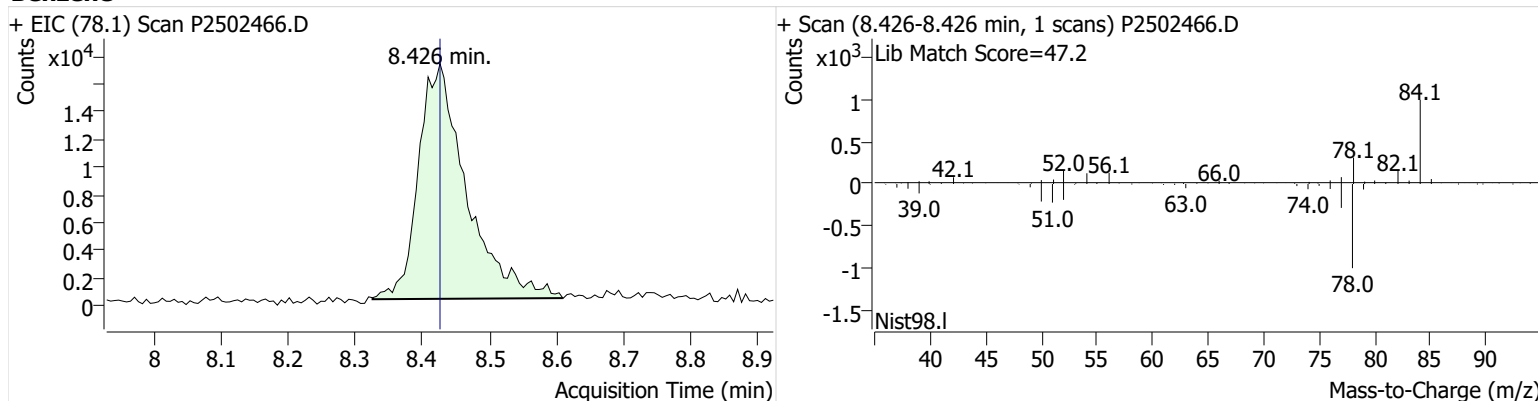


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.367	8.367	953,663	
Benzene	benzene-d6 (IS)	8.426	8.426	85,107	
Toluene-d8 (IS)		10.919	10.931	1,149,690	
Toluene	Toluene-d8 (IS)	11.014	11.020	93,203	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	23,575	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	25,246	
o-Xylene	Toluene-d8 (IS)	13.804	13.809	12,496	

benzene-d6 (IS)

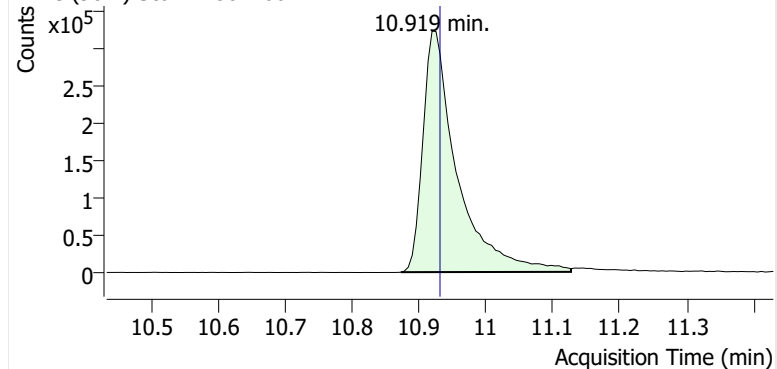


Benzene

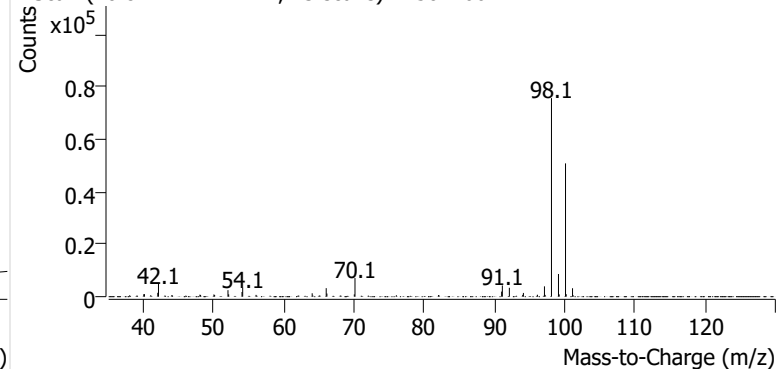


Toluene-d8 (IS)

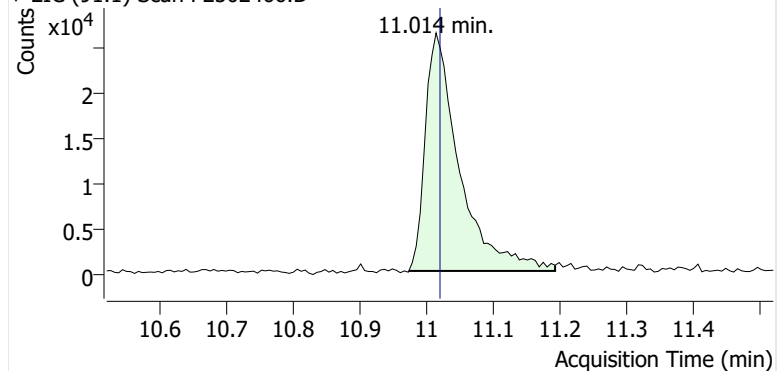
+ EIC (98.1) Scan P2502466.D



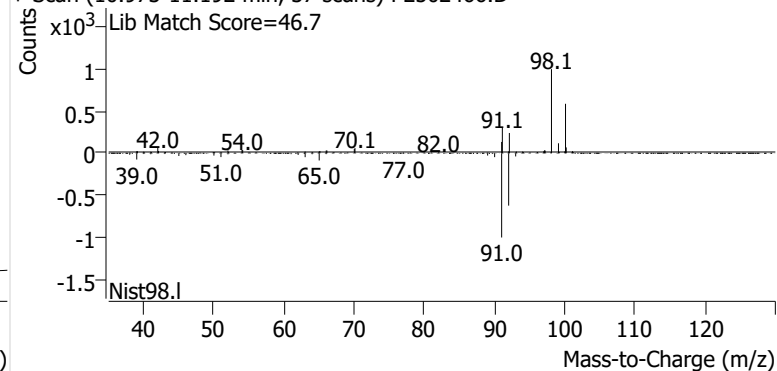
+ Scan (10.872-11.127 min, 43 scans) P2502466.D

**Toluene**

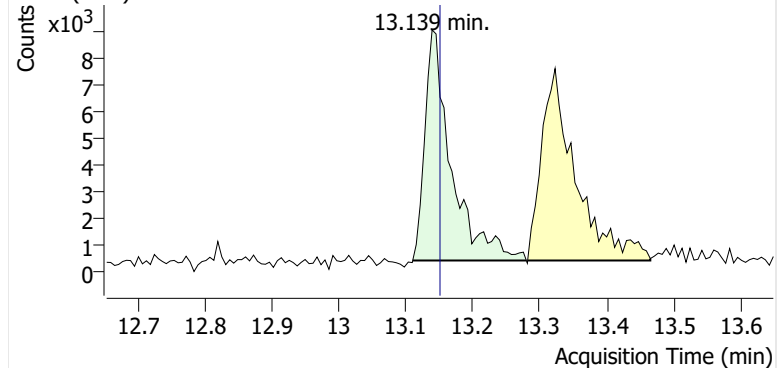
+ EIC (91.1) Scan P2502466.D



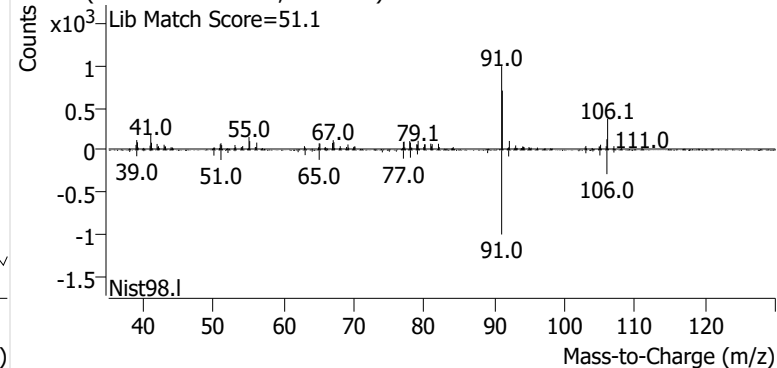
+ Scan (10.973-11.192 min, 37 scans) P2502466.D

**Ethylbenzene**

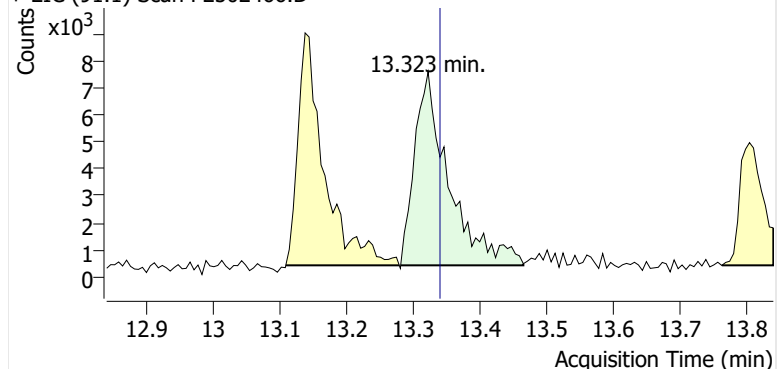
+ EIC (91.1) Scan P2502466.D



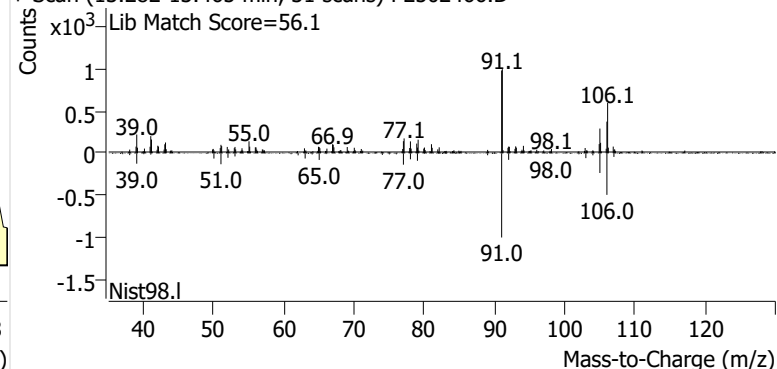
+ Scan (13.110-13.280 min, 28 scans) P2502466.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502466.D

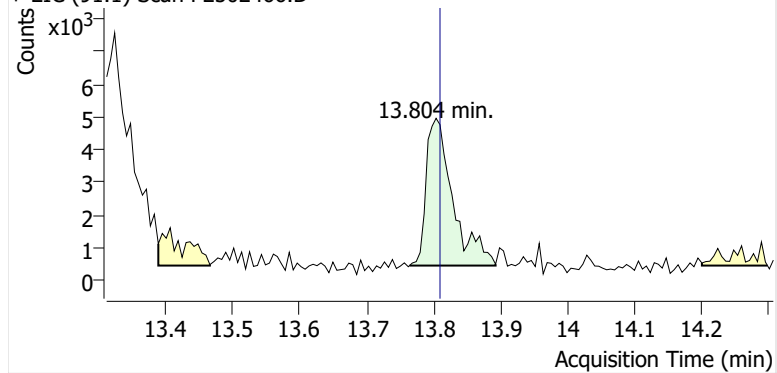


+ Scan (13.282-13.465 min, 31 scans) P2502466.D

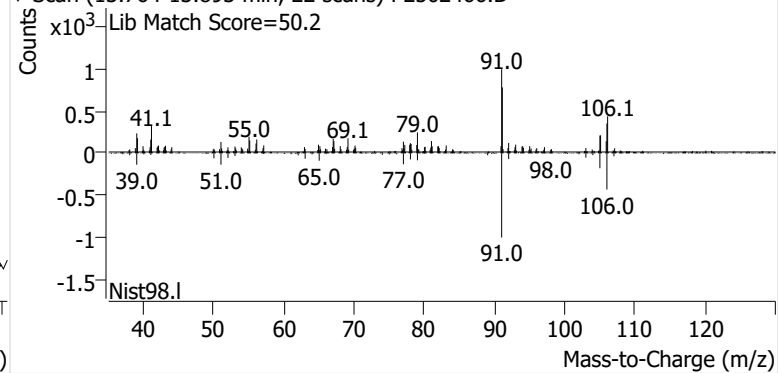


o-Xylene

+ EIC (91.1) Scan P2502466.D

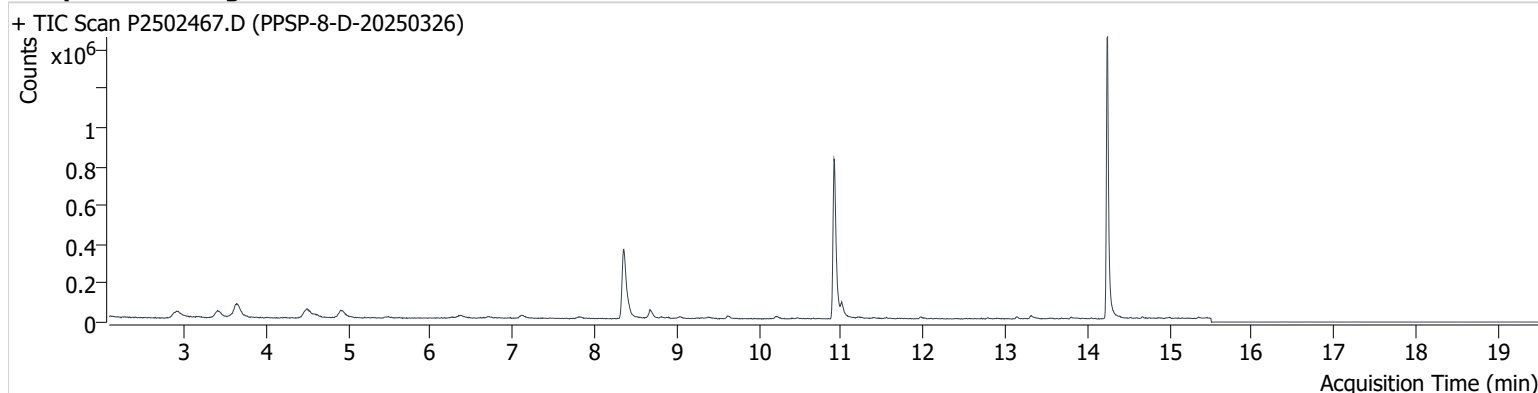


+ Scan (13.764-13.893 min, 22 scans) P2502466.D



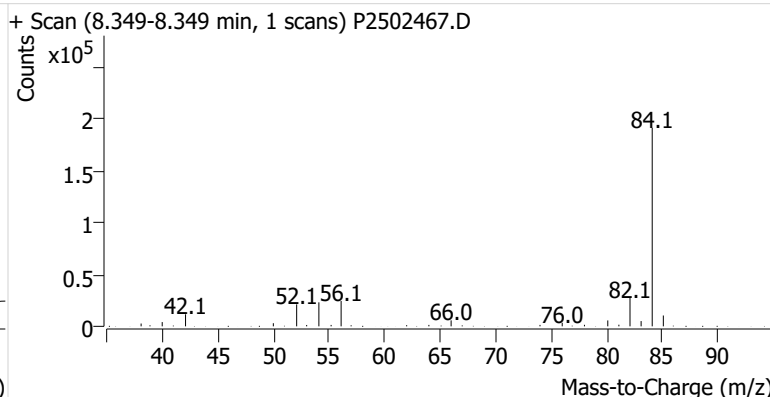
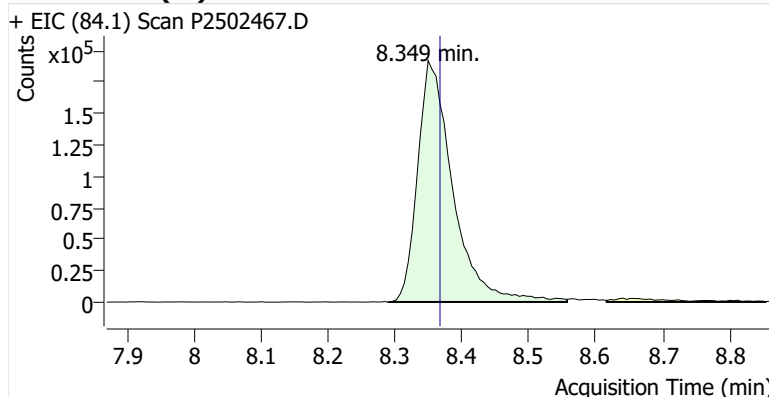
Name PPSP-8-D-20250326
Comment B50933; Recollect
Data File P2502467.D
Acq. Date-Time 4/22/2025 12:33:32 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

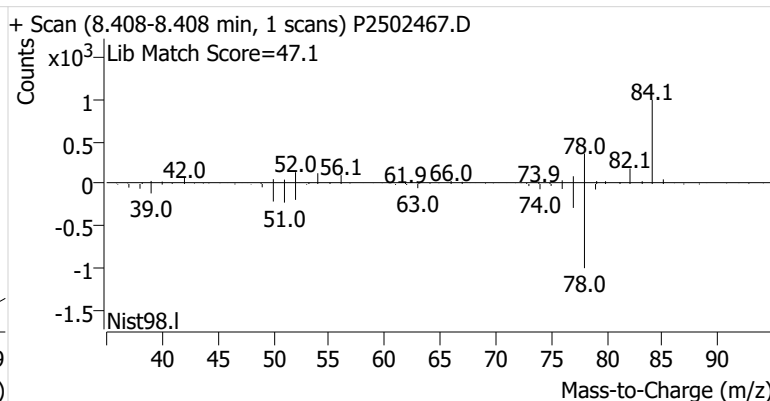
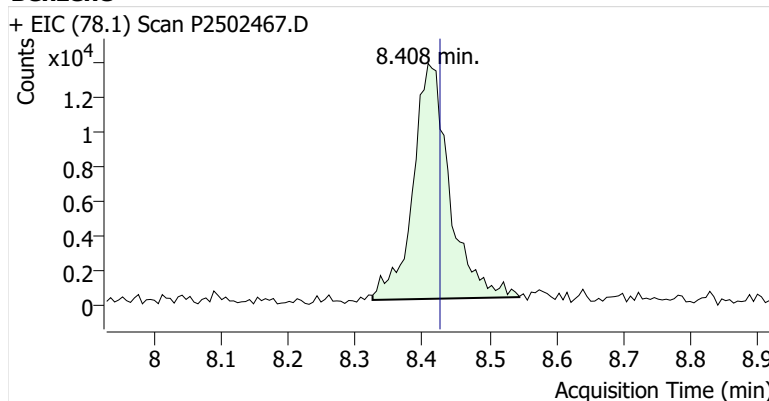


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	701,794	
Benzene	benzene-d6 (IS)	8.408	8.426	51,683	
Toluene-d8 (IS)		10.913	10.931	876,679	
Toluene	Toluene-d8 (IS)	11.008	11.020	57,178	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	9,057	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	15,051	
o-Xylene	Toluene-d8 (IS)	13.804	13.809	5,282	m

benzene-d6 (IS)

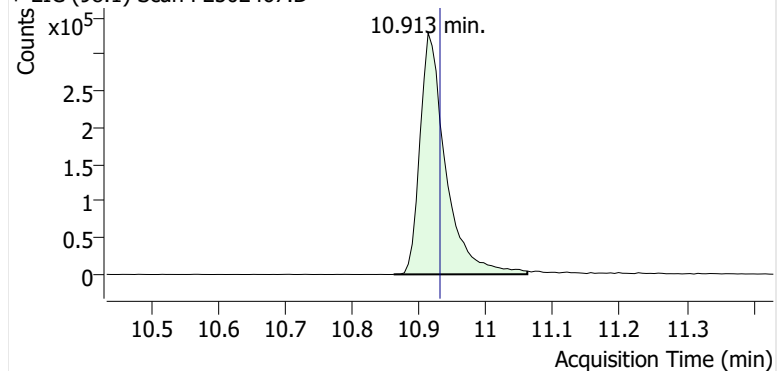


Benzene

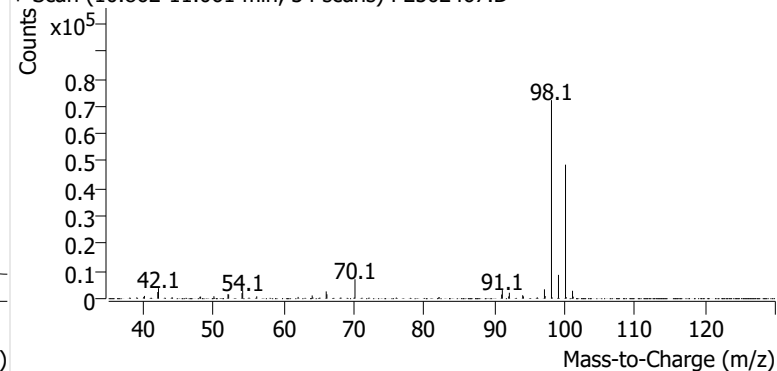


Toluene-d8 (IS)

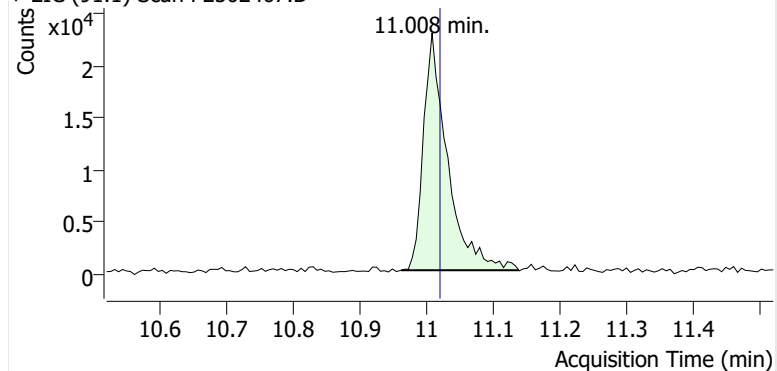
+ EIC (98.1) Scan P2502467.D



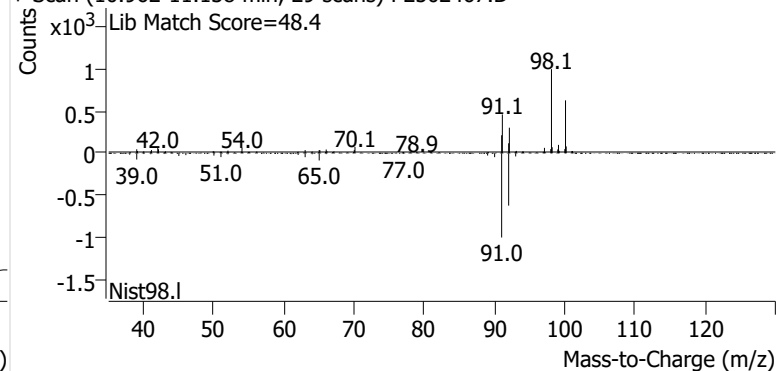
+ Scan (10.862-11.061 min, 34 scans) P2502467.D

**Toluene**

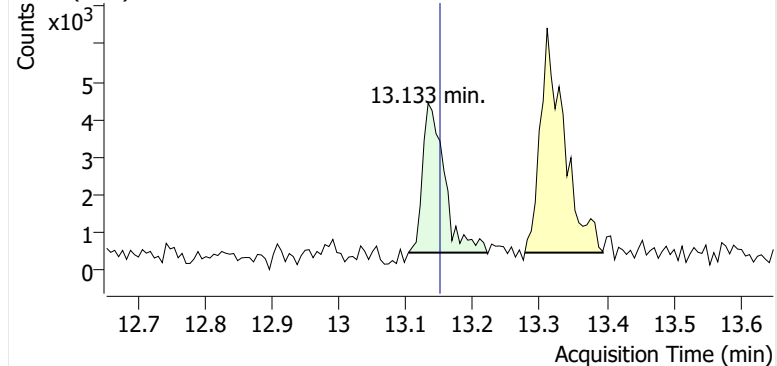
+ EIC (91.1) Scan P2502467.D



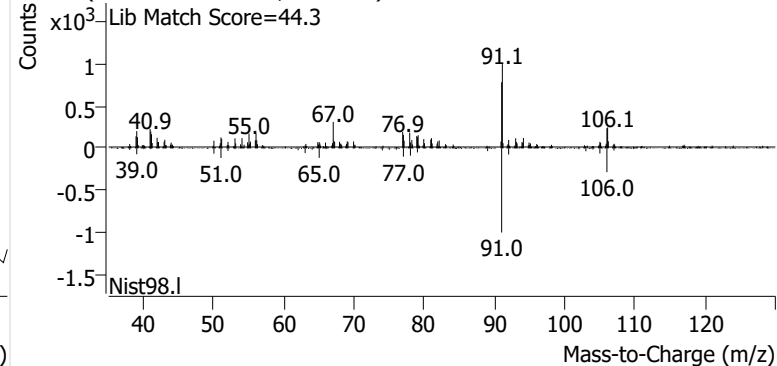
+ Scan (10.962-11.138 min, 29 scans) P2502467.D

**Ethylbenzene**

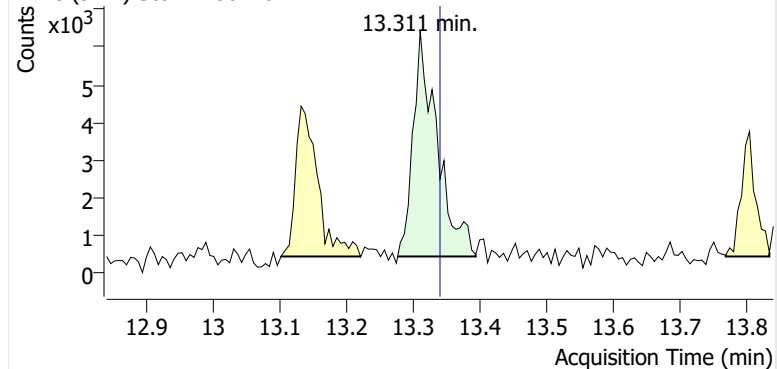
+ EIC (91.1) Scan P2502467.D



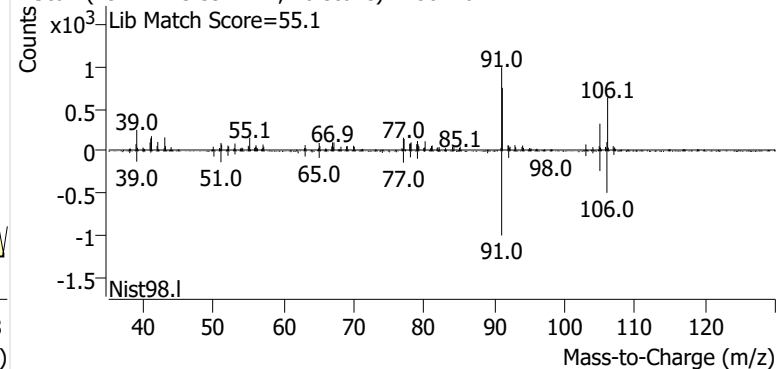
+ Scan (13.104-13.221 min, 19 scans) P2502467.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502467.D

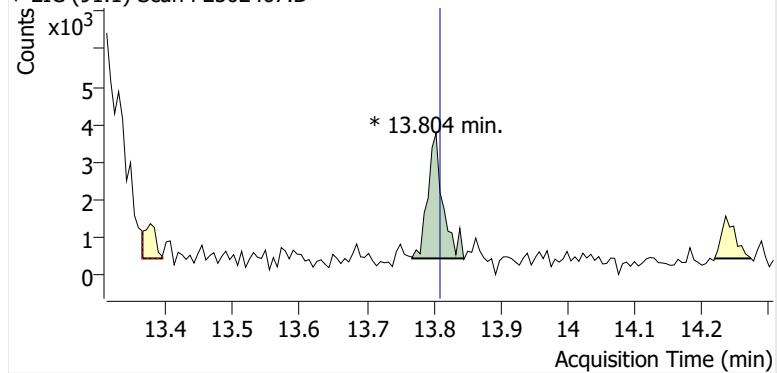


+ Scan (13.277-13.394 min, 20 scans) P2502467.D

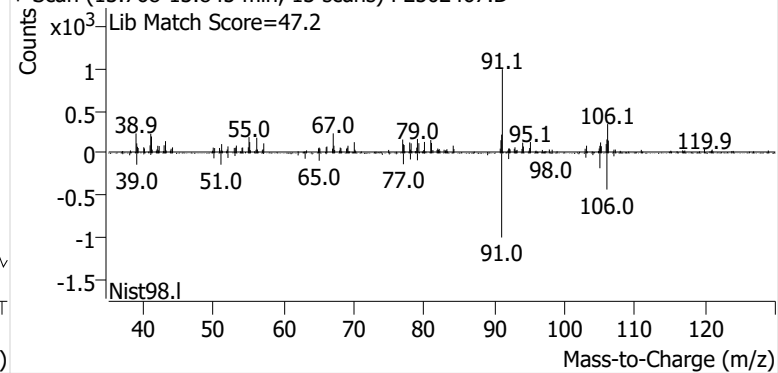


o-Xylene

+ EIC (91.1) Scan P2502467.D

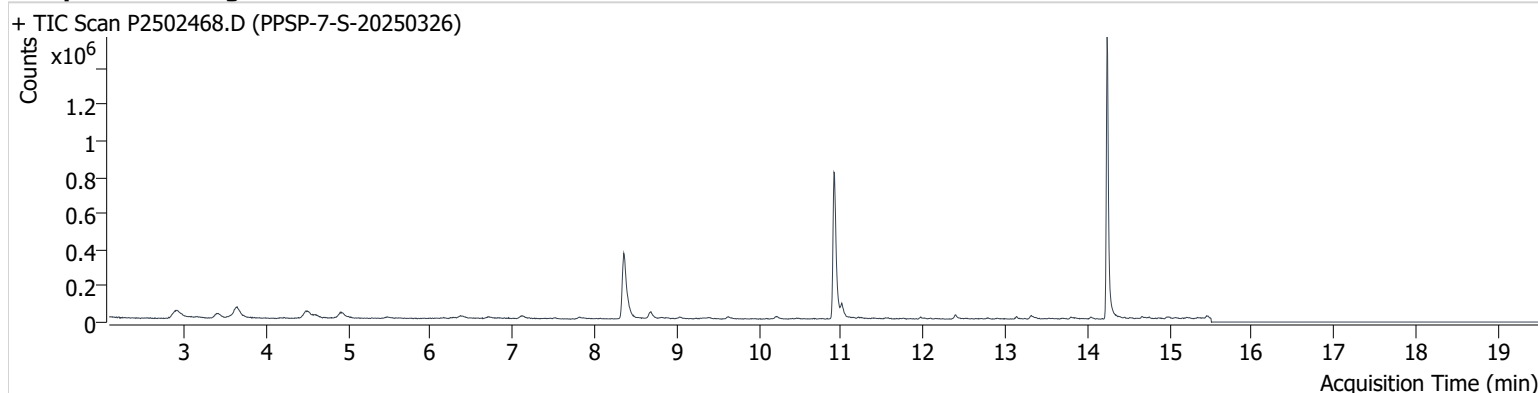


+ Scan (13.768-13.845 min, 13 scans) P2502467.D



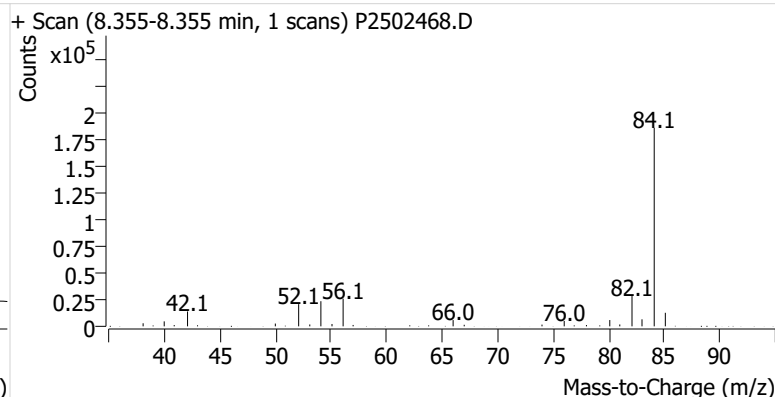
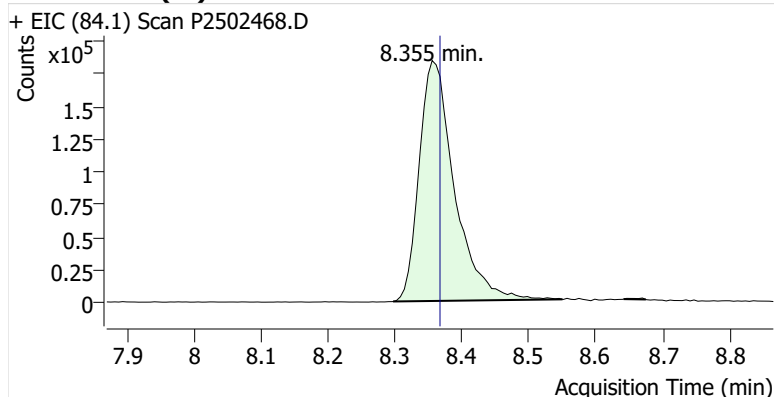
Name PPSP-7-S-20250326
Comment C57722; Recollect
Data File P2502468.D
Acq. Date-Time 4/22/2025 1:08:35 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

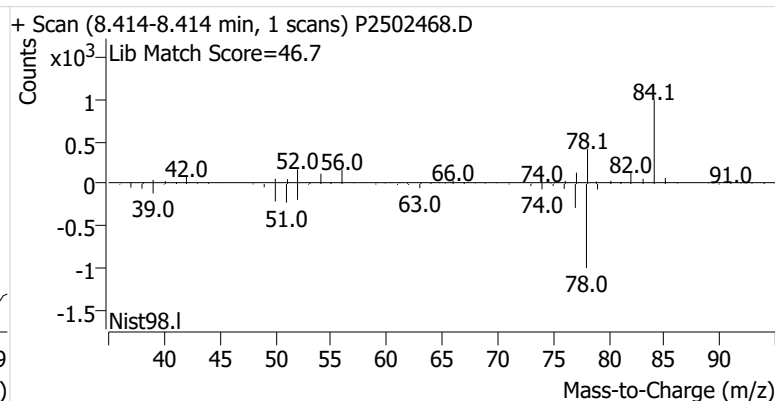
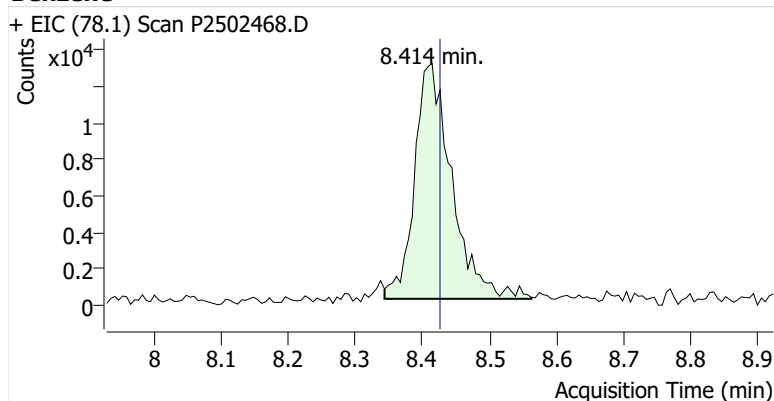


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.355	8.367	675,825	
Benzene	benzene-d6 (IS)	8.414	8.426	50,128	
Toluene-d8 (IS)		10.913	10.931	887,865	
Toluene	Toluene-d8 (IS)	11.008	11.020	62,291	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	9,380	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	19,387	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	7,221	

benzene-d6 (IS)

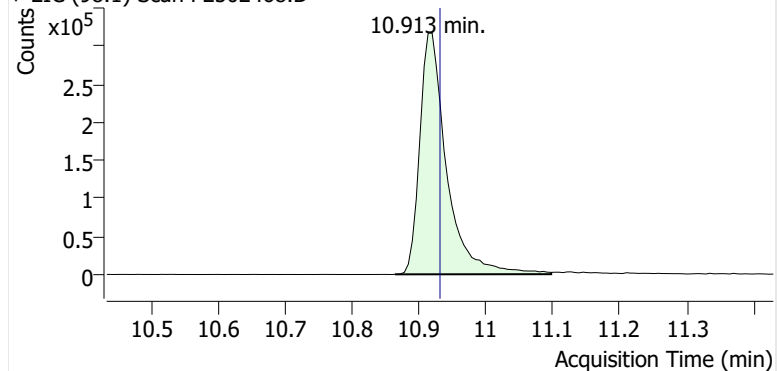


Benzene

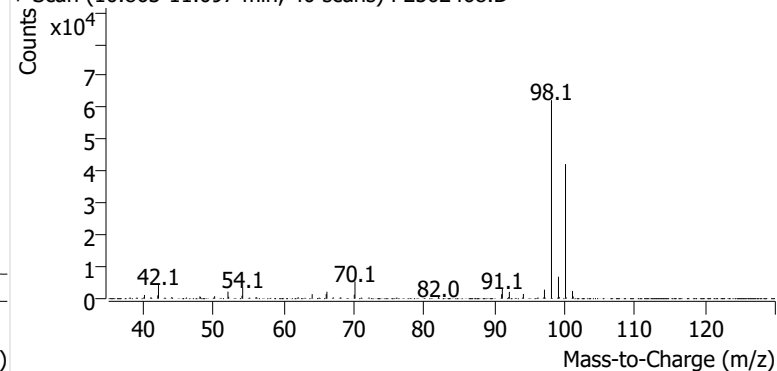


Toluene-d8 (IS)

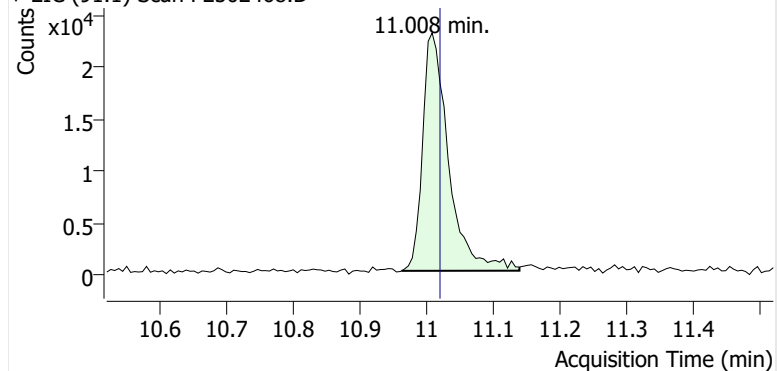
+ EIC (98.1) Scan P2502468.D



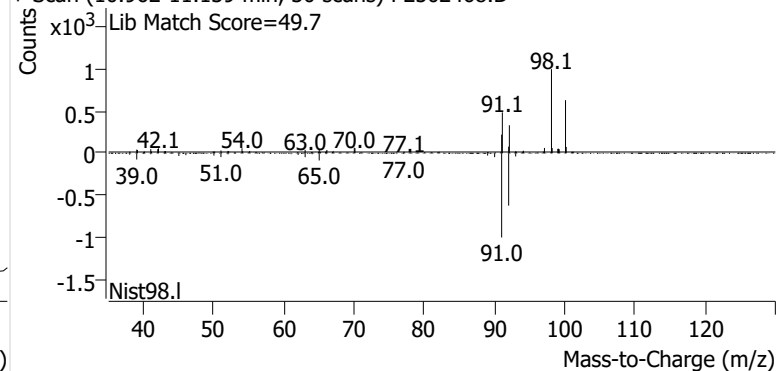
+ Scan (10.863-11.097 min, 40 scans) P2502468.D

**Toluene**

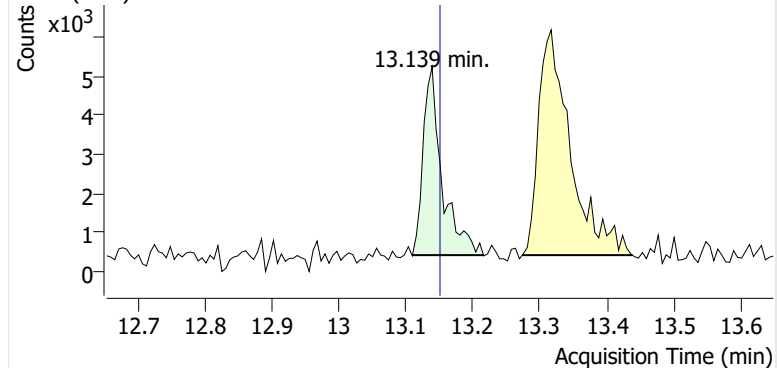
+ EIC (91.1) Scan P2502468.D



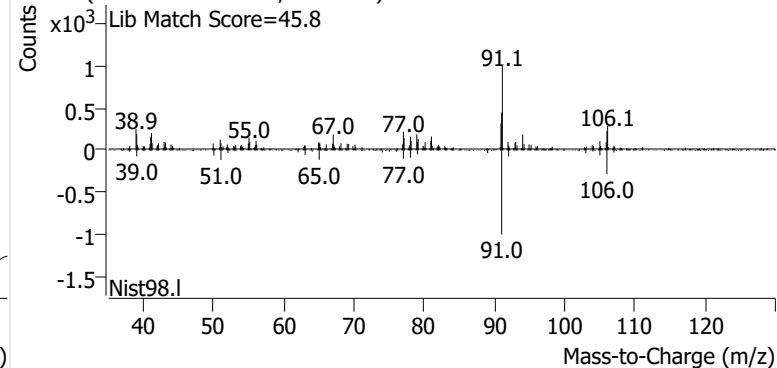
+ Scan (10.962-11.139 min, 30 scans) P2502468.D

**Ethylbenzene**

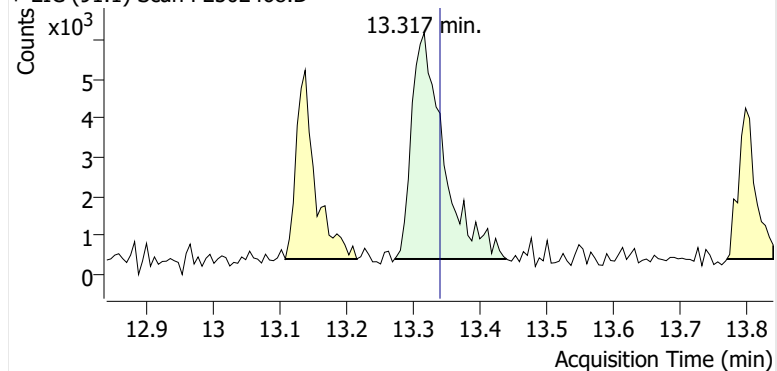
+ EIC (91.1) Scan P2502468.D



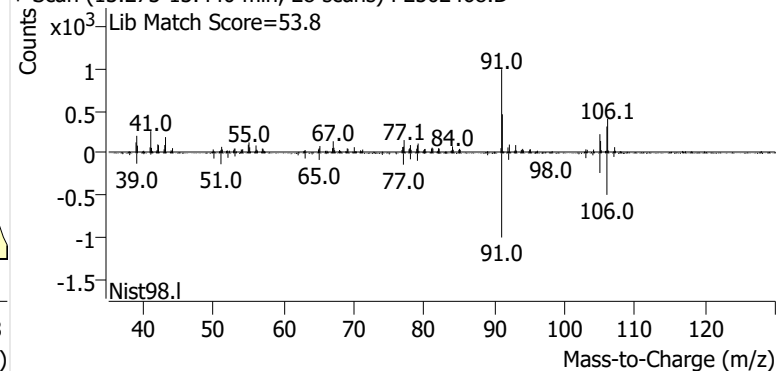
+ Scan (13.109-13.216 min, 17 scans) P2502468.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2502468.D

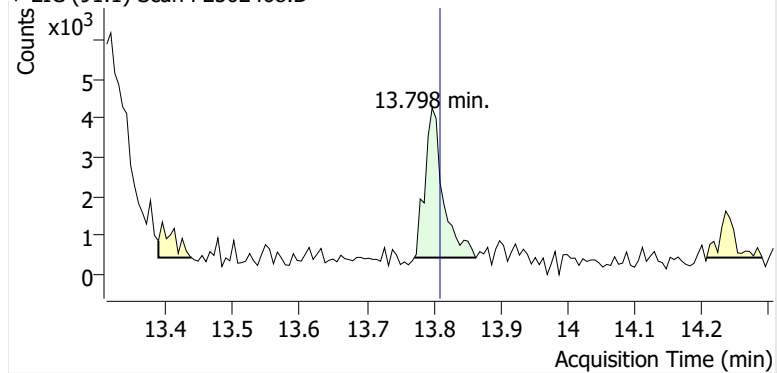


+ Scan (13.273-13.440 min, 28 scans) P2502468.D

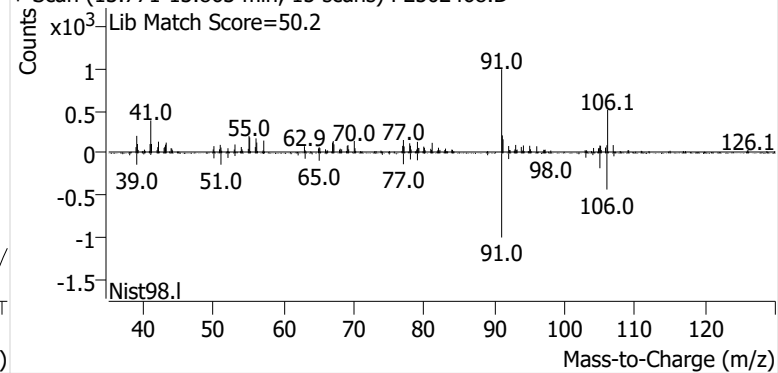


o-Xylene

+ EIC (91.1) Scan P2502468.D



+ Scan (13.771-13.863 min, 15 scans) P2502468.D



Calibration Summary Reports



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502391.D	B48095	Cal	0.821	0.896	0.821	-8.4%	-11%		Pass	
2025FW201 Method Blank-1	P2502392.D	B46304	Blank		0.896	0.821			-2.4%	Pass	ND
M325B CCV 5	P2502403.D	B20889	Check	0.794	0.896	0.821	-11%		-2.8%	Pass	
M325B CCV 5	P2502463.D	B43604	Cal	0.814	0.896	0.814	-9.1%	-15%		Pass	
M325B CCV 5	P2502469.D	C34279	Check	0.807	0.896	0.814	-10%		-6.4%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502391.D	B48095	Cal	0.758	0.887	0.758	-15%	-9.2%		Pass	
2025FW201 Method Blank-1	P2502392.D	B46304	Blank		0.887	0.758			-6.9%	Pass	ND
M325B CCV 5	P2502403.D	B20889	Check	0.777	0.887	0.758	-12%		-5.2%	Pass	
M325B CCV 5	P2502463.D	B43604	Cal	0.816	0.887	0.816	-8.0%	-16%		Pass	
M325B CCV 5	P2502469.D	C34279	Check	0.756	0.887	0.816	-15%		-3.3%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502391.D	B48095	Cal	0.854	1.034	0.854	-17%	-9.2%		Pass	
2025FW201 Method Blank-1	P2502392.D	B46304	Blank		1.034	0.854			-6.9%	Pass	ND
M325B CCV 5	P2502403.D	B20889	Check	0.976	1.034	0.854	-5.5%		-5.2%	Pass	
M325B CCV 5	P2502463.D	B43604	Cal	0.943	1.034	0.943	-8.7%	-16%		Pass	
M325B CCV 5	P2502469.D	C34279	Check	0.944	1.034	0.943	-8.7%		-3.3%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502391.D	B48095	Cal	0.694	0.792	0.694	-12%	-9.2%		Pass	
2025FW201 Method Blank-1	P2502392.D	B46304	Blank		0.792	0.694			-6.9%	Pass	ND
M325B CCV 5	P2502403.D	B20889	Check	0.820	0.792	0.694	3.5%		-5.2%	Pass	
M325B CCV 5	P2502463.D	B43604	Cal	0.794	0.792	0.794	0.28%	-16%		Pass	
M325B CCV 5	P2502469.D	C34279	Check	0.741	0.792	0.794	-6.4%		-3.3%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502391.D	B48095	Cal	0.699	0.833	0.699	-16%	-9.2%		Pass	
2025FW201 Method Blank-1	P2502392.D	B46304	Blank		0.833	0.699			-6.9%	Pass	ND
M325B CCV 5	P2502403.D	B20889	Check	0.776	0.833	0.699	-6.9%		-5.2%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW201-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2502463.D	B43604	Cal	0.730	0.833	0.730	-12%	-16%		Pass	
M325B CCV 5	P2502469.D	C34279	Check	0.714	0.833	0.730	-14%		-3.3%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	Benzene	1	P2502258.D	4.96	47440	90.3	798559	1.081	0.21
P041125A_CC252679	Benzene	2	P2502259.D	9.92	81580	90.3	784474	0.946	0.056
P041125A_CC252679	Benzene	3	P2502260.D	19.85	154990	90.3	766291	0.920	0.027
P041125A_CC252679	Benzene	4	P2502261.D	39.70	307006	90.3	776135	0.900	0.0043
P041125A_CC252679	Benzene	5	P2502262.D	99.25	682063	90.3	768529	0.807	-0.099
P041125A_CC252679	Benzene	6	P2502263.D	198.49	1383026	90.3	766391	0.821	-0.084
P041125A_CC252679	Benzene	7	P2502264.D	595.47	3847989	90.3	733331	0.796	-0.11
						Avg:	770530	0.896	
						%RSD:	2.6%	11.2%	
P041125A_CC252679	Toluene	1	P2502258.D	5.37	53462	105.3	981002	1.069	0.21
P041125A_CC252679	Toluene	2	P2502259.D	10.73	93718	105.3	977723	0.940	0.061
P041125A_CC252679	Toluene	3	P2502260.D	21.46	177517	105.3	952641	0.914	0.031
P041125A_CC252679	Toluene	4	P2502261.D	42.92	366700	105.3	958584	0.938	0.058
P041125A_CC252679	Toluene	5	P2502262.D	107.31	751020	105.3	937774	0.786	-0.11
P041125A_CC252679	Toluene	6	P2502263.D	214.62	1544431	105.3	950212	0.797	-0.1
P041125A_CC252679	Toluene	7	P2502264.D	643.86	4297415	105.3	923104	0.761	-0.14
						Avg:	954434	0.887	
						%RSD:	2.2%	12.5%	
P041125A_CC252679	Ethylbenzene	1	P2502258.D	5.16	56966	105.3	981002	1.185	0.15
P041125A_CC252679	Ethylbenzene	2	P2502259.D	10.32	108870	105.3	977723	1.137	0.1
P041125A_CC252679	Ethylbenzene	3	P2502260.D	20.63	213920	105.3	952641	1.146	0.11
P041125A_CC252679	Ethylbenzene	4	P2502261.D	41.26	422263	105.3	958584	1.124	0.088
P041125A_CC252679	Ethylbenzene	5	P2502262.D	103.15	801782	105.3	937774	0.873	-0.16
P041125A_CC252679	Ethylbenzene	6	P2502263.D	206.30	1736097	105.3	950212	0.932	-0.098
P041125A_CC252679	Ethylbenzene	7	P2502264.D	618.90	4543663	105.3	923104	0.837	-0.19
						Avg:	954434	1.034	
						%RSD:	2.2%	14.2%	
P041125A_CC252679	m-/p-Xylenes	1	P2502258.D	4.87	38899	105.3	981002	0.857	0.083
P041125A_CC252679	m-/p-Xylenes	2	P2502259.D	9.74	73807	105.3	977723	0.816	0.03
P041125A_CC252679	m-/p-Xylenes	3	P2502260.D	19.48	153415	105.3	952641	0.870	0.099
P041125A_CC252679	m-/p-Xylenes	4	P2502261.D	38.97	310930	105.3	958584	0.876	0.11
P041125A_CC252679	m-/p-Xylenes	5	P2502262.D	97.42	591523	105.3	937774	0.682	-0.14
P041125A_CC252679	m-/p-Xylenes	6	P2502263.D	194.84	1339681	105.3	950212	0.762	-0.038
P041125A_CC252679	m-/p-Xylenes	7	P2502264.D	584.52	3480142	105.3	923104	0.679	-0.14
						Avg:	954434	0.792	
						%RSD:	2.2%	10.8%	
P041125A_CC252679	o-Xylene	1	P2502258.D	5.08	44039	105.3	981002	0.930	0.12
P041125A_CC252679	o-Xylene	2	P2502259.D	10.16	84765	105.3	977723	0.898	0.078
P041125A_CC252679	o-Xylene	3	P2502260.D	20.32	174712	105.3	952641	0.950	0.14

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW201-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	o-Xylene	4	P2502261.D	40.64	330869	105.3	958584	0.894	0.073
P041125A_CC252679	o-Xylene	5	P2502262.D	101.61	648711	105.3	937774	0.717	-0.14
P041125A_CC252679	o-Xylene	6	P2502263.D	203.21	1413541	105.3	950212	0.771	-0.075
P041125A_CC252679	o-Xylene	7	P2502264.D	609.64	3599376	105.3	923104	0.673	-0.19
						Avg:	954434	0.833	
						%RSD:	2.2%	13.3%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	Benzene	ICV	P2502265.D	64.22	465786	90.3	753743	0.869	-3.0%
P041125A_CC252679	Toluene	ICV	P2502265.D	76.59	610878	105.3	957560	0.877	-1.1%
P041125A_CC252679	Ethylbenzene	ICV	P2502265.D	86.22	753297	105.3	957560	0.961	-7.1%
P041125A_CC252679	m-/p-Xylenes	ICV	P2502265.D	89.75	613496	105.3	957560	0.752	-5.1%
P041125A_CC252679	o-Xylene	ICV	P2502265.D	88.34	625434	105.3	957560	0.778	-6.6%

M325B PDF Report ver.20250429

**This Is The Last Page
Of This Report.**

Portland Pipeline - S Portland, ME

Power Engineers, Inc.
303 U.S. Route One
Freeport, ME 04032

Sampling Event 20

Analytical Report (2025FW202)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene



Enthalpy Analytical, LLC

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

A handwritten signature in black ink, reading "Conor Toomey". The signature is fluid and cursive, with the first name "Conor" and last name "Toomey" clearly distinguishable.

QA Review by Conor Toomey, QA Associate II

Report Issued: 05/06/2025



Summary of Results



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250409	C38955	0.481	ND	0.650	ND	ND	0.311	0.291	J	ND	ND
PPSP-5-S-20250409	B44224	0.665		1.65		ND		ND	ND		
PPSP-4-S-20250409	C55762	0.458		0.568		ND		ND	ND		
PPSP-3-S-20250409	C53620	0.454		0.581		ND		ND	ND		
PPSP-2-S-20250409	C55747	0.581		1.27		ND		ND	J	ND	
PPSP-1-S-20250409	C17124	0.693		0.617		ND		ND	ND	ND	
PPSP-1-B-20250409	B45090					ND		ND	ND	ND	
PPSP-13-S-20250409	B43690	0.623		0.822		ND		ND	ND	ND	
PPSP-12-S-20250409	B18569	0.872		0.834		ND		ND	ND	ND	
PPSP-11-S-20250409	B17539	0.824		0.896		ND		ND	ND	ND	
PPSP-10-S-20250409	C34149	0.706		1.92		ND		ND	ND	ND	
PPSP-9-S-20250409	B45046	0.622		0.533		J		ND	ND	ND	
PPSP-8-S-20250409	C38904	0.433		0.694		ND		ND	ND	ND	
PPSP-8-D-20250409	B27884	0.535		0.785		ND		ND	ND	ND	
PPSP-7-S-20250409	C01822	0.503		0.786		ND		ND	ND	ND	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250409	C38955	0.481	0.151	6.30	44.4	0.649	20155	0.191	0.383	0.0598	0.120		B2502868.D	2025-04-27 15:57	0.841	7.838	68305	1187392	92.1	7.785	0.0%
PPSP-5-S-20250409	B44224	0.665	0.208	8.71	44.5	0.649	20155	0.191	0.383	0.0598	0.120		B2502869.D	2025-04-27 16:34	0.841	7.850	95314	1197725	92.1	7.785	0.9%
PPSP-4-S-20250409	C55762	0.458	0.143	6.00	44.5	0.649	20154	0.191	0.383	0.0598	0.120		B2502870.D	2025-04-27 17:12	0.841	7.851	65460	1194965	92.1	7.785	0.7%
PPSP-3-S-20250409	C53620	0.454	0.142	5.93	44.5	0.649	20152	0.191	0.383	0.0598	0.120		B2502871.D	2025-04-27 17:49	0.841	7.845	65635	1210346	92.1	7.785	2.0%
PPSP-2-S-20250409	C55747	0.581	0.182	7.61	44.5	0.649	20151	0.191	0.383	0.0598	0.120		B2502872.D	2025-04-27 18:26	0.841	7.845	84889	1221363	92.1	7.791	2.9%
PPSP-1-S-20250409	C17124	0.693	0.217	9.07	44.5	0.649	20149	0.191	0.383	0.0598	0.120		B2502873.D	2025-04-27 19:04	0.841	7.845	99367	1198882	92.1	7.779	1.0%
PPSP-1-B-20250409	B45090				44.5	0.649	20149	0.191	0.383	0.0598	0.120	ND	B2502867.D	2025-04-27 15:20	0.841	7.767	13730	1151364	92.1	7.779	-3.0%
PPSP-13-S-20250409	B43690	0.623	0.195	8.15	44.5	0.649	20148	0.191	0.383	0.0598	0.120		B2502874.D	2025-04-27 19:41	0.841	7.839	88066	1183304	92.1	7.785	-0.3%
PPSP-12-S-20250409	B18569	0.872	0.273	11.4	44.5	0.649	20145	0.191	0.384	0.0599	0.120		B2502875.D	2025-04-27 20:18	0.841	7.851	123757	1187293	92.1	7.779	0.0%
PPSP-11-S-20250409	B17539	0.824	0.258	10.8	44.5	0.649	20145	0.191	0.384	0.0599	0.120		B2502892.D	2025-04-28 09:26	0.841	7.850	133092	1352016	92.1	7.785	13.9%
PPSP-10-S-20250409	C34149	0.706	0.221	9.24	44.5	0.649	20143	0.191	0.384	0.0599	0.120		B2502878.D	2025-04-27 22:10	0.841	7.833	102586	1215538	92.1	7.785	2.4%
PPSP-9-S-20250409	B45046	0.622	0.195	8.14	44.5	0.649	20141	0.191	0.384	0.0599	0.120		B2502879.D	2025-04-27 22:48	0.841	7.850	88953	1195829	92.1	7.785	0.8%
PPSP-8-S-20250409	C38904	0.433	0.136	5.66	44.5	0.649	20138	0.191	0.384	0.0599	0.120		B2502880.D	2025-04-27 23:25	0.841	7.850	61252	1184226	92.1	7.785	-0.2%
PPSP-8-D-20250409	B27884	0.535	0.168	7.00	44.5	0.649	20138	0.191	0.384	0.0599	0.120		B2502881.D	2025-04-28 00:02	0.841	7.833	76423	1194581	92.1	7.785	0.6%
PPSP-7-S-20250409	C01822	0.503	0.158	6.58	44.5	0.649	20137	0.191	0.384	0.0599	0.120		B2502882.D	2025-04-28 00:40	0.841	7.844	70532	1173113	92.1	7.779	-1.2%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250409	C38955	0.650	0.173	6.61	44.4	0.504	20155	0.246	0.534	0.0654	0.142		B2502868.D	2025-04-27 15:57	0.963	10.765	73791	1259144	108.6	10.658	4.8%
PPSP-5-S-20250409	B44224	1.65	0.439	16.8	44.5	0.504	20155	0.246	0.534	0.0654	0.142		B2502869.D	2025-04-27 16:34	0.963	10.765	187233	1257040	108.6	10.658	4.7%
PPSP-4-S-20250409	C55762	0.568	0.151	5.76	44.5	0.504	20154	0.246	0.534	0.0654	0.142		B2502870.D	2025-04-27 17:12	0.963	10.771	62868	1229437	108.6	10.664	2.4%
PPSP-3-S-20250409	C53620	0.581	0.154	5.90	44.5	0.504	20152	0.246	0.534	0.0654	0.142		B2502871.D	2025-04-27 17:49	0.963	10.771	64002	1223194	108.6	10.658	1.9%
PPSP-2-S-20250409	C55747	1.27	0.337	12.9	44.5	0.504	20151	0.246	0.534	0.0654	0.142		B2502872.D	2025-04-27 18:26	0.963	10.765	136157	1189824	108.6	10.658	-0.9%
PPSP-1-S-20250409	C17124	0.617	0.164	6.27	44.5	0.504	20149	0.246	0.534	0.0654	0.142		B2502873.D	2025-04-27 19:04	0.963	10.765	70152	1261403	108.6	10.664	5.0%
PPSP-1-B-20250409	B45090				44.5	0.504	20149	0.246	0.534	0.0654	0.142	ND	B2502867.D	2025-04-27 15:20	0.963	10.765	12817	1214219	108.6	10.658	1.1%
PPSP-13-S-20250409	B43690	0.822	0.218	8.35	44.5	0.504	20148	0.246	0.534	0.0654	0.142		B2502874.D	2025-04-27 19:41	0.963	10.765	93398	1261614	108.6	10.658	5.1%
PPSP-12-S-20250409	B18569	0.834	0.221	8.47	44.5	0.504	20145	0.246	0.534	0.0654	0.142		B2502875.D	2025-04-27 20:18	0.963	10.759	95295	1268739	108.6	10.658	5.6%
PPSP-11-S-20250409	B17539	0.896	0.238	9.10	44.5	0.504	20145	0.246	0.534	0.0654	0.142		B2502892.D	2025-04-28 09:26	0.963	10.753	108668	1346245	108.6	10.646	12.1%
PPSP-10-S-20250409	C34149	1.92	0.511	19.5	44.5	0.504	20143	0.246	0.534	0.0654	0.142		B2502878.D	2025-04-27 22:10	0.963	10.765	220998	1275077	108.6	10.658	6.2%
PPSP-9-S-20250409	B45046	0.533	0.142	5.41	44.5	0.504	20141	0.246	0.534	0.0654	0.142	J	B2502879.D	2025-04-27 22:48	0.963	10.765	58415	1216282	108.6	10.658	1.3%
PPSP-8-S-20250409	C38904	0.694	0.184	7.04	44.5	0.504	20138	0.246	0.534	0.0654	0.142		B2502880.D	2025-04-27 23:25	0.963	10.765	77746	1244201	108.6	10.658	3.6%
PPSP-8-D-20250409	B27884	0.785	0.208	7.97	44.5	0.504	20138	0.246	0.534	0.0654	0.142		B2502881.D	2025-04-28 00:02	0.963	10.759	87773	1241924	108.6	10.652	3.4%
PPSP-7-S-20250409	C01822	0.786	0.209	7.97	44.5	0.504	20137	0.246	0.535	0.0654	0.142		B2502882.D	2025-04-28 00:40	0.963	10.753	88147	1246086	108.6	10.652	3.8%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250409	C38955				44.4	0.446	20155	0.278	0.580	0.0641	0.134	ND	B2502868.D	2025-04-27 15:57	1.281	13.180	14153	1259144	108.6	10.658	4.8%
PPSP-5-S-20250409	B44224				44.5	0.446	20155	0.278	0.580	0.0641	0.134	ND	B2502869.D	2025-04-27 16:34	1.281	13.192	13824	1257040	108.6	10.658	4.7%
PPSP-4-S-20250409	C55762				44.5	0.446	20154	0.278	0.580	0.0641	0.134	ND	B2502870.D	2025-04-27 17:12	1.281	13.175	10231	1229437	108.6	10.664	2.4%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250409	C53620				44.5	0.446	20152	0.278	0.580	0.0641	0.134	ND	B2502871.D	2025-04-27 17:49	1.281	13.192	8713	1223194	108.6	10.658	1.9%
PPSP-2-S-20250409	C55747				44.5	0.446	20151	0.278	0.580	0.0641	0.134	ND	B2502872.D	2025-04-27 18:26	1.281	13.175	10384	1189824	108.6	10.658	-0.9%
PPSP-1-S-20250409	C17124				44.5	0.446	20149	0.278	0.580	0.0641	0.134	ND	B2502873.D	2025-04-27 19:04	1.281	13.192	9660	1261403	108.6	10.664	5.0%
PPSP-1-B-20250409	B45090				44.5	0.446	20149	0.278	0.580	0.0641	0.134	ND	B2502867.D	2025-04-27 15:20	1.281	13.198	2665	1214219	108.6	10.658	1.1%
PPSP-13-S-20250409	B43690				44.5	0.446	20148	0.278	0.581	0.0641	0.134	ND	B2502874.D	2025-04-27 19:41	1.281	13.175	13230	1261614	108.6	10.658	5.1%
PPSP-12-S-20250409	B18569				44.5	0.446	20145	0.278	0.581	0.0641	0.134	ND	B2502875.D	2025-04-27 20:18	1.281	13.180	10279	1268739	108.6	10.658	5.6%
PPSP-11-S-20250409	B17539				44.5	0.446	20145	0.278	0.581	0.0641	0.134	ND	B2502892.D	2025-04-28 09:26	1.281	13.168	17702	1346245	108.6	10.646	12.1%
PPSP-10-S-20250409	C34149				44.5	0.446	20143	0.278	0.581	0.0641	0.134	ND	B2502878.D	2025-04-27 22:10	1.281	13.169	17438	1275077	108.6	10.658	6.2%
PPSP-9-S-20250409	B45046				44.5	0.446	20141	0.278	0.581	0.0642	0.134	ND	B2502879.D	2025-04-27 22:48	1.281	13.169	15571	1216282	108.6	10.658	1.3%
PPSP-8-S-20250409	C38904				44.5	0.446	20138	0.278	0.581	0.0642	0.134	ND	B2502880.D	2025-04-27 23:25	1.281	13.174	10621	1244201	108.6	10.658	3.6%
PPSP-8-D-20250409	B27884				44.5	0.446	20138	0.278	0.581	0.0642	0.134	ND	B2502881.D	2025-04-28 00:02	1.281	13.174	13730	1241924	108.6	10.652	3.4%
PPSP-7-S-20250409	C01822				44.5	0.446	20137	0.278	0.581	0.0642	0.134	ND	B2502882.D	2025-04-28 00:40	1.281	13.180	13074	1246086	108.6	10.652	3.8%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250409	C38955	0.291	0.0672	2.62	44.4	0.446	20155	0.278	0.548	0.0641	0.126	J	B2502868.D	2025-04-27 15:57	1.125	13.376	34154	1259144	108.6	10.658	4.8%
PPSP-5-S-20250409	B44224				44.5	0.446	20155	0.278	0.548	0.0641	0.126	ND	B2502869.D	2025-04-27 16:34	1.125	13.376	17692	1257040	108.6	10.658	4.7%
PPSP-4-S-20250409	C55762				44.5	0.446	20154	0.278	0.548	0.0641	0.126	ND	B2502870.D	2025-04-27 17:12	1.125	13.382	28201	1229437	108.6	10.664	2.4%
PPSP-3-S-20250409	C53620				44.5	0.446	20152	0.278	0.548	0.0641	0.126	ND	B2502871.D	2025-04-27 17:49	1.125	13.394	22660	1223194	108.6	10.658	1.9%
PPSP-2-S-20250409	C55747	0.311	0.0716	2.79	44.5	0.446	20151	0.278	0.548	0.0641	0.126	J	B2502872.D	2025-04-27 18:26	1.125	13.376	34377	1189824	108.6	10.658	-0.9%
PPSP-1-S-20250409	C17124				44.5	0.446	20149	0.278	0.548	0.0641	0.126	ND	B2502873.D	2025-04-27 19:04	1.125	13.376	15557	1261403	108.6	10.664	5.0%
PPSP-1-B-20250409	B45090				44.5	0.446	20149	0.278	0.548	0.0641	0.126	ND	B2502867.D	2025-04-27 15:20	1.125	13.442	1830	1214219	108.6	10.658	1.1%
PPSP-13-S-20250409	B43690				44.5	0.446	20148	0.278	0.548	0.0641	0.126	ND	B2502874.D	2025-04-27 19:41	1.125	13.388	25249	1261614	108.6	10.658	5.1%
PPSP-12-S-20250409	B18569				44.5	0.446	20145	0.278	0.548	0.0641	0.126	ND	B2502875.D	2025-04-27 20:18	1.125	13.376	23986	1268739	108.6	10.658	5.6%
PPSP-11-S-20250409	B17539				44.5	0.446	20145	0.278	0.548	0.0641	0.126	ND	B2502892.D	2025-04-28 09:26	1.125	13.382	26309	1346245	108.6	10.646	12.1%
PPSP-10-S-20250409	C34149				44.5	0.446	20143	0.278	0.548	0.0641	0.126	ND	B2502878.D	2025-04-27 22:10	1.125	13.382	25969	1275077	108.6	10.658	6.2%
PPSP-9-S-20250409	B45046				44.5	0.446	20141	0.278	0.548	0.0642	0.126	ND	B2502879.D	2025-04-27 22:48	1.125	13.376	24255	1216282	108.6	10.658	1.3%
PPSP-8-S-20250409	C38904				44.5	0.446	20138	0.278	0.549	0.0642	0.126	ND	B2502880.D	2025-04-27 23:25	1.125	13.376	21533	1244201	108.6	10.658	3.6%
PPSP-8-D-20250409	B27884				44.5	0.446	20138	0.278	0.549	0.0642	0.126	ND	B2502881.D	2025-04-28 00:02	1.125	13.370	27309	1241924	108.6	10.652	3.4%
PPSP-7-S-20250409	C01822				44.5	0.446	20137	0.278	0.549	0.0642	0.126	ND	B2502882.D	2025-04-28 00:40	1.125	13.364	30299	1246086	108.6	10.652	3.8%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250409	C38955				44.4	0.446	20155	0.278	0.572	0.0641	0.132	ND	B2502868.D	2025-04-27 15:57	1.109	13.904	13883	1259144	108.6	10.658	4.8%
PPSP-5-S-20250409	B44224				44.5	0.446	20155	0.278	0.572	0.0641	0.132	ND	B2502869.D	2025-04-27 16:34	1.109	13.922	7536	1257040	108.6	10.658	4.7%
PPSP-4-S-20250409	C55762				44.5	0.446	20154	0.278	0.572	0.0641	0.132	ND	B2502870.D	2025-04-27 17:12	1.109	13.911	10690	1229437	108.6	10.664	2.4%
PPSP-3-S-20250409	C53620				44.5	0.446	20152	0.278	0.572	0.0641	0.132	ND	B2502871.D	2025-04-27 17:49	1.109	13.917	8936	1223194	108.6	10.658	1.9%
PPSP-2-S-20250409	C55747				44.5	0.446	20151	0.278	0.572	0.0641	0.132	ND	B2502872.D	2025-04-27 18:26	1.109	13.911	12167	1189824	108.6	10.658	-0.9%
PPSP-1-S-20250409	C17124				44.5	0.446	20149	0.278	0.572	0.0641	0.132	ND	B2502873.D	2025-04-27 19:04	1.109	13.922	6671	1261403	108.6	10.664	5.0%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

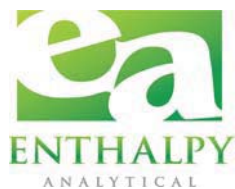
o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250409	B45090				44.5	0.446	20149	0.278	0.572	0.0641	0.132	ND	B2502867.D	2025-04-27 15:20	1.109	13.952	1128	1214219	108.6	10.658	1.1%
PPSP-13-S-20250409	B43690				44.5	0.446	20148	0.278	0.572	0.0641	0.132	ND	B2502874.D	2025-04-27 19:41	1.109	13.922	9298	1261614	108.6	10.658	5.1%
PPSP-12-S-20250409	B18569				44.5	0.446	20145	0.278	0.572	0.0641	0.132	ND	B2502875.D	2025-04-27 20:18	1.109	13.916	9948	1268739	108.6	10.658	5.6%
PPSP-11-S-20250409	B17539				44.5	0.446	20145	0.278	0.572	0.0641	0.132	ND	B2502892.D	2025-04-28 09:26	1.109	13.904	12283	1346245	108.6	10.646	12.1%
PPSP-10-S-20250409	C34149				44.5	0.446	20143	0.278	0.572	0.0641	0.132	ND	B2502878.D	2025-04-27 22:10	1.109	13.910	10678	1275077	108.6	10.658	6.2%
PPSP-9-S-20250409	B45046				44.5	0.446	20141	0.278	0.572	0.0642	0.132	ND	B2502879.D	2025-04-27 22:48	1.109	13.910	10377	1216282	108.6	10.658	1.3%
PPSP-8-S-20250409	C38904				44.5	0.446	20138	0.278	0.572	0.0642	0.132	ND	B2502880.D	2025-04-27 23:25	1.109	13.905	7023	1244201	108.6	10.658	3.6%
PPSP-8-D-20250409	B27884				44.5	0.446	20138	0.278	0.572	0.0642	0.132	ND	B2502881.D	2025-04-28 00:02	1.109	13.922	10340	1241924	108.6	10.652	3.4%
PPSP-7-S-20250409	C01822				44.5	0.446	20137	0.278	0.572	0.0642	0.132	ND	B2502882.D	2025-04-28 00:40	1.109	13.910	12275	1246086	108.6	10.652	3.8%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

QC



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW202-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250409	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250409	21%	Pass	12%	Pass	ND	Pass	ND	Pass	ND	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Site	Portland Pipeline - S Portland, ME
Report #	2025FW202

Custody	Enthalpy Analytical, LLC received the sample tubes on 04/25/25. The samples were received in good condition at a temperature of 12.7 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for benzene, toluene, ethylbenzene, m-/p-xylenes, and o-xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD.M) is not included in this report but may be available upon request.
Calibration	The daily BFB check failed to meet method criteria for the relative response of m/z 175. Because m/z 175 is not near the tuning region of the quant ions for the analytes and the continuing calibration checks met the 30% difference criteria, the deviation is not expected to have an effect on the data. All other BFB criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m³ and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.





Enthalpy Analytical LDEQ Certification Statement

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) under **Certificate Number 04010**. The methods included in this report are listed in the table below along with Enthalpy-Durham's accreditation status with LDEQ and any analytes that Enthalpy-Durham does not hold accreditation for.

Method	Accredited by LDEQ?	Analytes of an Accredited Method that are not Accredited
EPA M325B	Yes	N/A

Sample Custody



2025FW202



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 2

☒ Standard Turn Around Time (7 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line				PO#:	
Site Address:			Project Number:				Sample Event #	
City:			Project Manager: Tom Rolfson				Sorbent:	
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	C38955	sample	4/9/25	10:21 AM	4/23/25	10:16 AM	JB / JB		
5	B44224	sample	4/9/25	10:26 AM	4/23/25	10:21 AM	JB / JB		
4	C55762	sample	4/9/25	10:31 AM	4/23/25	10:25 AM	JB / JB		
3	C53620	sample	4/9/25	10:38 AM	4/23/25	10:30 AM	JB / JB		
2	C55747	sample	4/9/25	10:44 AM	4/23/25	10:35 AM	JB / JB		
1	C17124	sample	4/9/25	10:50 AM	4/23/25	10:39 AM	JB / JB		
1	B45090	blank	4/9/25	10:50 AM	4/23/25	10:39 AM	JB / JB		
13	B43690	sample	4/9/25	10:56 AM	4/23/25	10:44 AM	JB / JB		

Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): <i>Jennifer Bowidowicz</i>		Relinquished Date: 4/24/2025		Relinquished Time:	
Received By (printed): <i>Abby Browning</i>		Received By (signature): <i>Abby Browning</i>		Receipt Date: 4/25/25		Receipt Time: 1:55	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal Intact? Y/N: Yes		Delivery tracking #	
Ice Temp:	Blank Temp: 12.7	Fluke 4		Add Custody Seal # below: 24H03562			

Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2025FW202



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 2 of # 2

☒ Standard Turn Around Time (7 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #:		
City:			Project Manager: Tom Rolfson			Sorbent:		
State:			Email Address: tom.rolfson@powereng.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
12	B18569	sample	4/9/25	11:05 AM	4/23/25	10:50 AM	JB / JB		
11	B17539	sample	4/9/25	11:10 AM	4/23/25	10:55 AM	JB / JB		
10	C34149	sample	4/9/25	11:17 AM	4/23/25	11:00 AM	JB / JB		
9	B45046	sample	4/9/25	11:22 AM	4/23/25	11:03 AM	JB / JB		
8	C38904	sample	4/9/25	11:30 AM	4/23/25	11:08 AM	JB / JB		
8	B27884	duplicate	4/9/25	11:30 AM	4/23/25	11:08 AM	JB / JB		
7	C01822	sample	4/9/25	11:35 AM	4/23/25	11:12 AM	JB / JB		

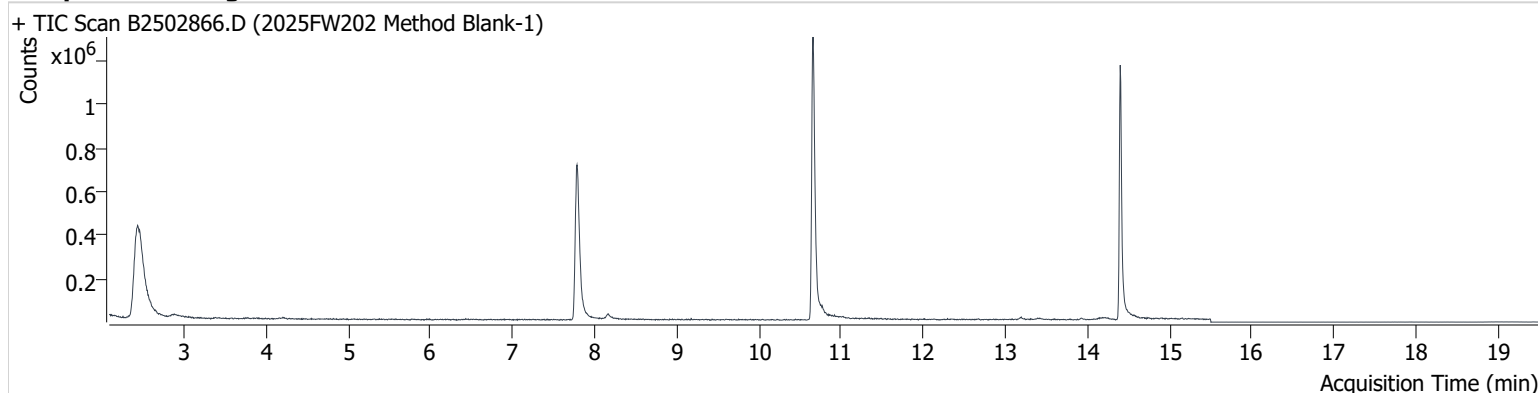
Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): <i>Jennifer Bowidowicz</i>		Relinquished Date: 4/24/2025		Relinquished Time:	
Received By (printed): Abby Browning		Received By (signature): <i>Abby Browning</i>		Receipt Date: 4/25/25		Receipt Time: 1:55	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal intact? Y/N: Yes		Delivery tracking #	
Ice Temp:	Blank Temp: 12.7	Fluke 4		Add Custody Seal # below: 24H03562			
Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you							
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Sample Chromatograms



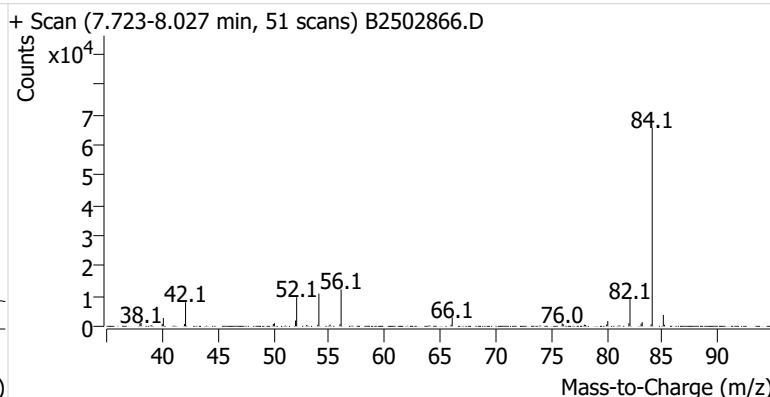
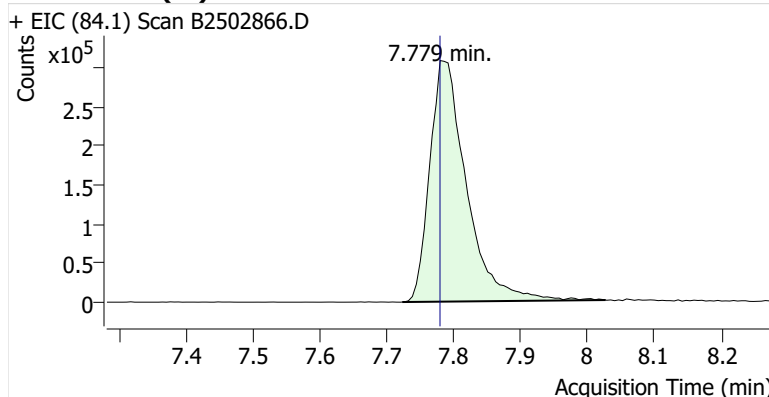
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Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

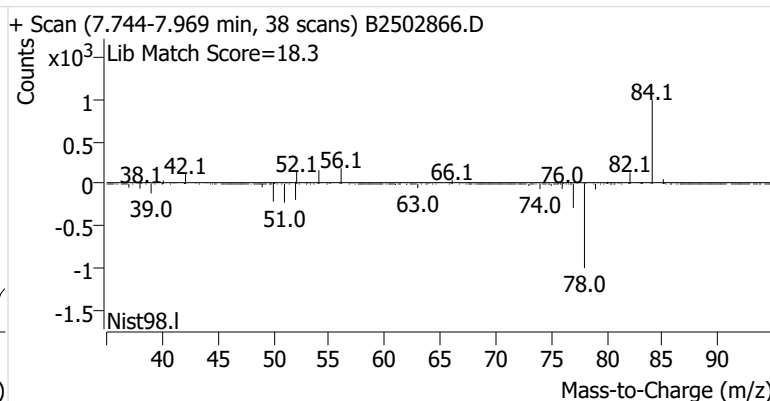
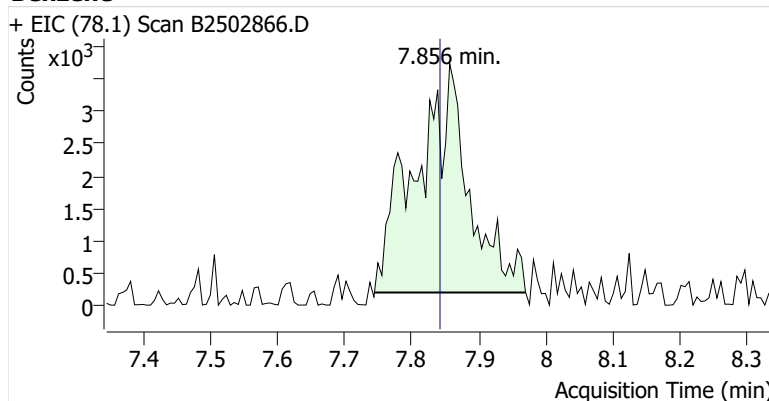


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.779	7.779	1,178,830	
Benzene	Benzene-d6 (IS)	7.856	7.842	19,656	
Toluene-d8 (IS)		10.658	10.652	1,248,300	
Toluene	Toluene-d8 (IS)	10.771	10.758	20,629	
Ethylbenzene	Toluene-d8 (IS)	13.192	13.156	8,088	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	6,621	m
o-Xylene	Toluene-d8 (IS)	13.916	13.892	5,245	

Benzene-d6 (IS)

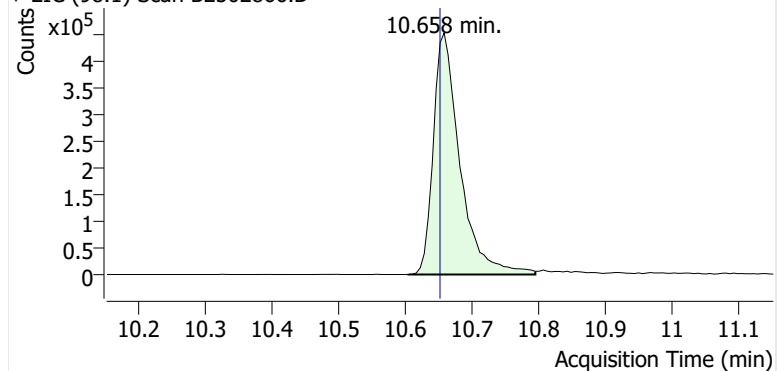


Benzene

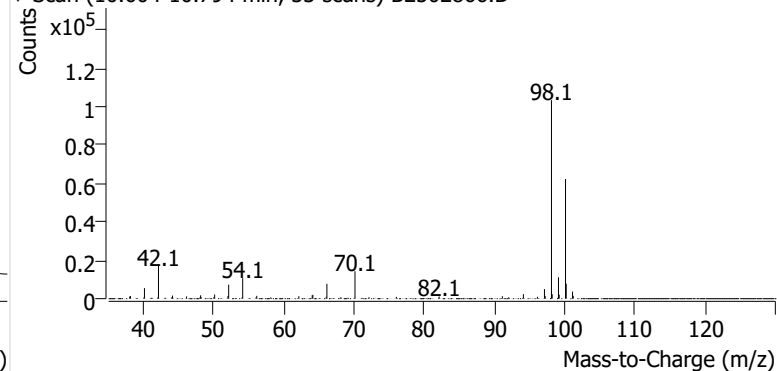


Toluene-d8 (IS)

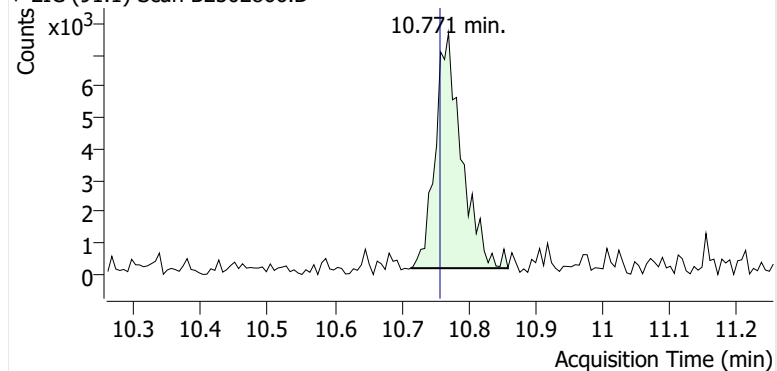
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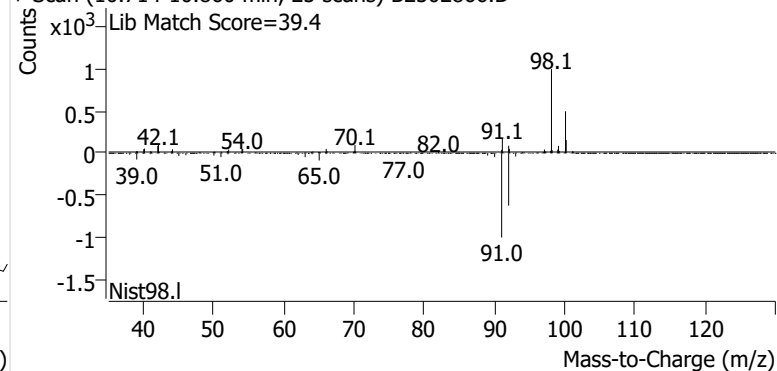
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**Toluene**

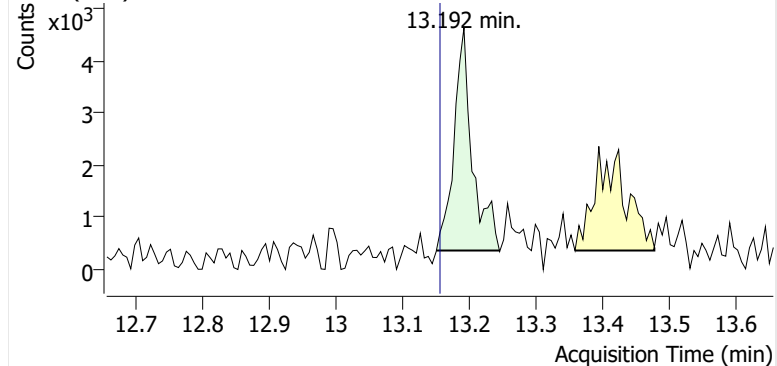
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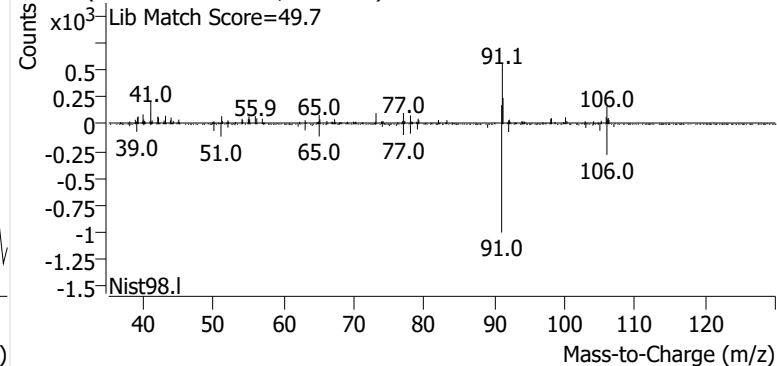
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**Ethylbenzene**

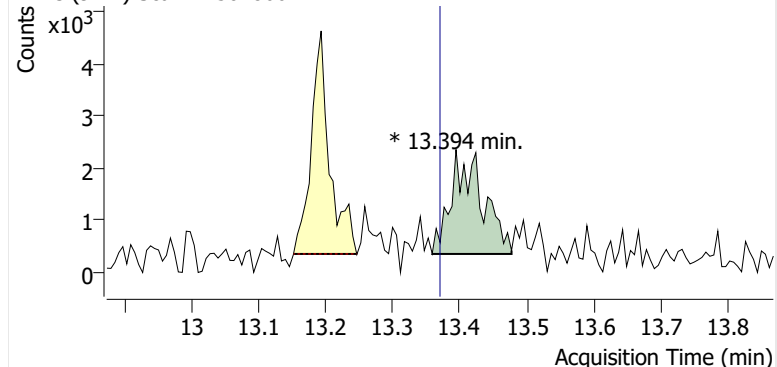
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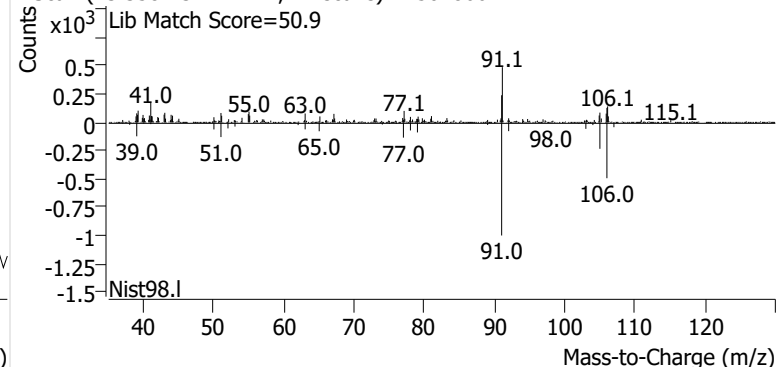
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**m-/p-Xylenes**

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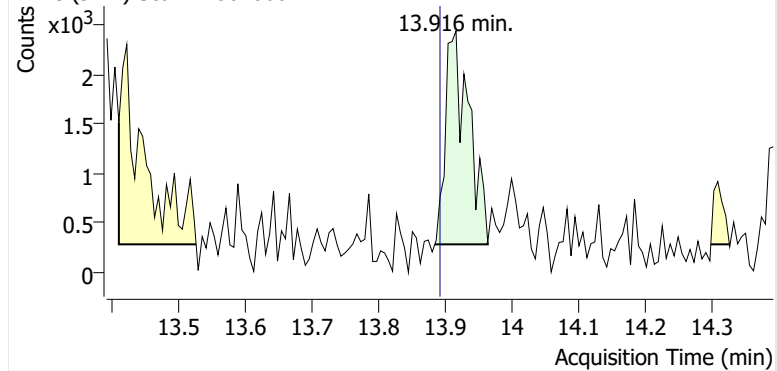


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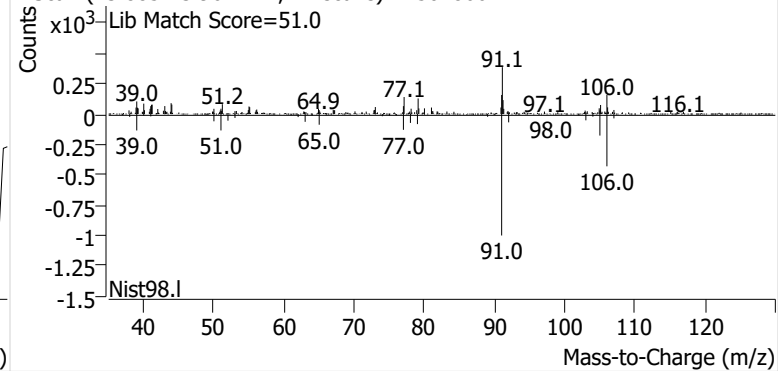


o-Xylene

+ EIC (91.1) Scan B2502866.D

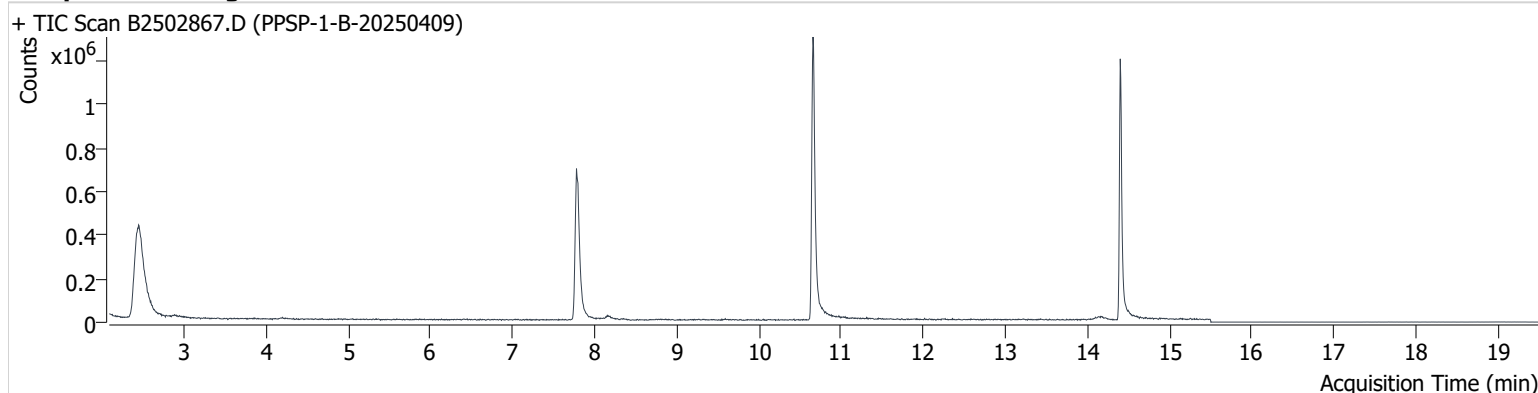


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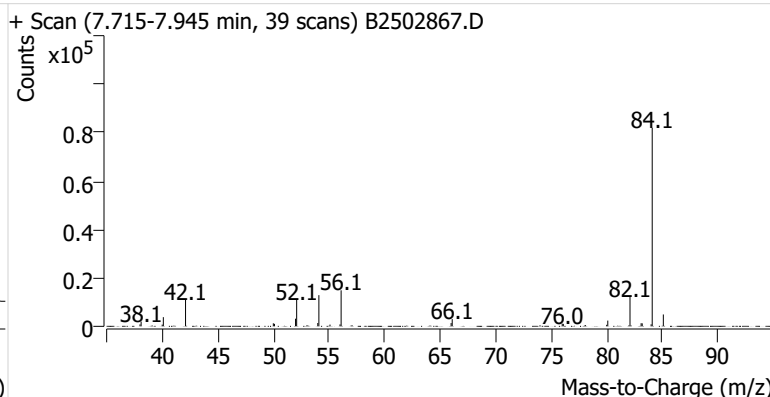
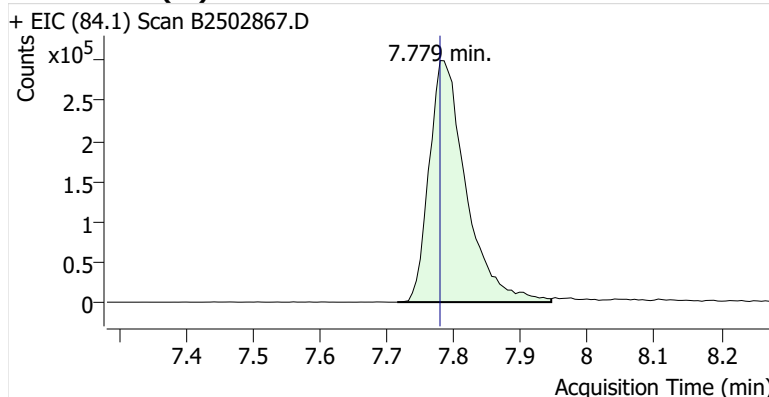
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Acq. Date-Time 4/27/2025 3:20:20 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

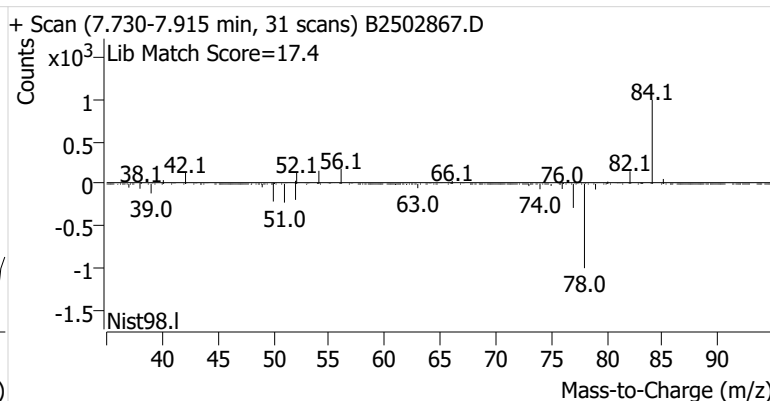
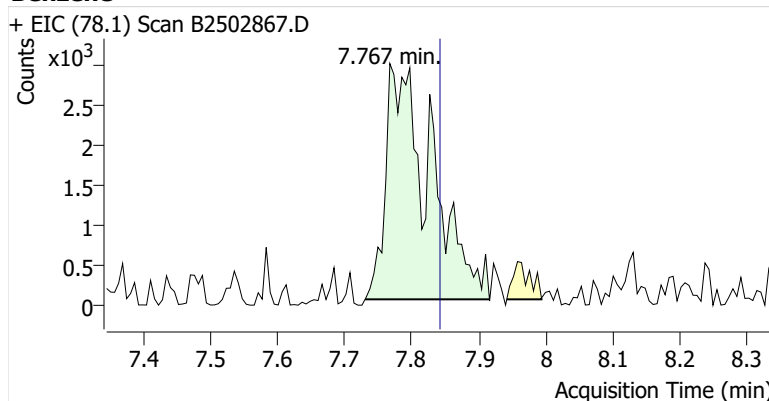


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.779	7.779	1,151,364	
Benzene	Benzene-d6 (IS)	7.767	7.842	13,730	
Toluene-d8 (IS)		10.658	10.652	1,214,219	
Toluene	Toluene-d8 (IS)	10.765	10.758	12,817	
Ethylbenzene	Toluene-d8 (IS)	13.198	13.156	2,665	
m-/p-Xylenes	Toluene-d8 (IS)	13.442	13.370	1,830	
o-Xylene	Toluene-d8 (IS)	13.952	13.892	1,128	

Benzene-d6 (IS)

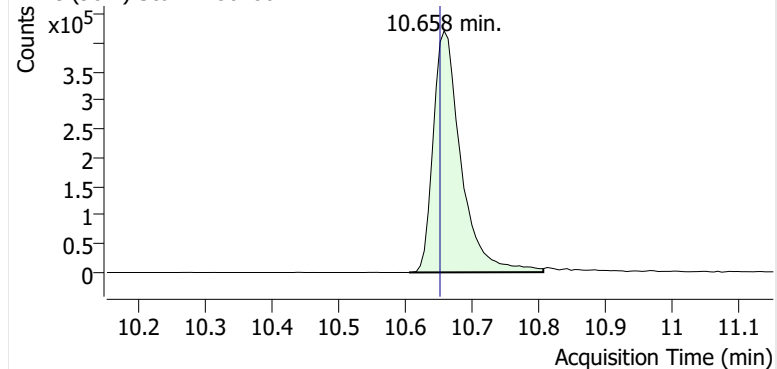


Benzene

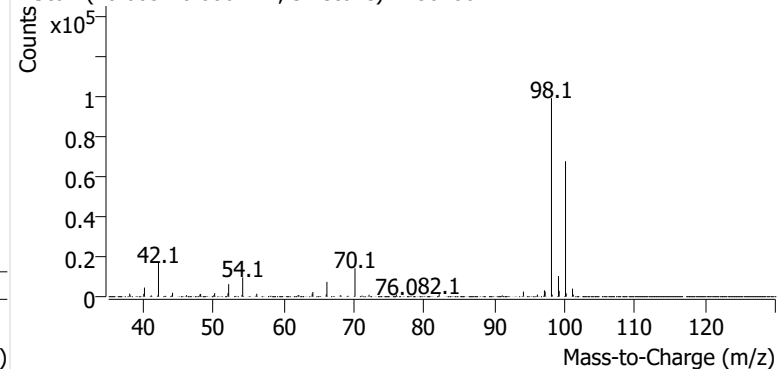


Toluene-d8 (IS)

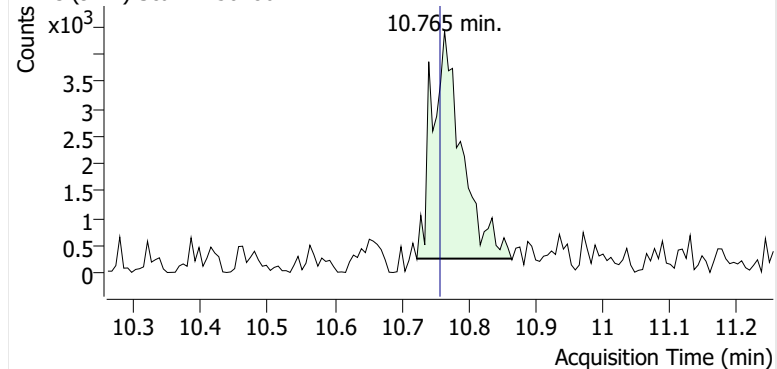
+ EIC (98.1) Scan B2502867.D



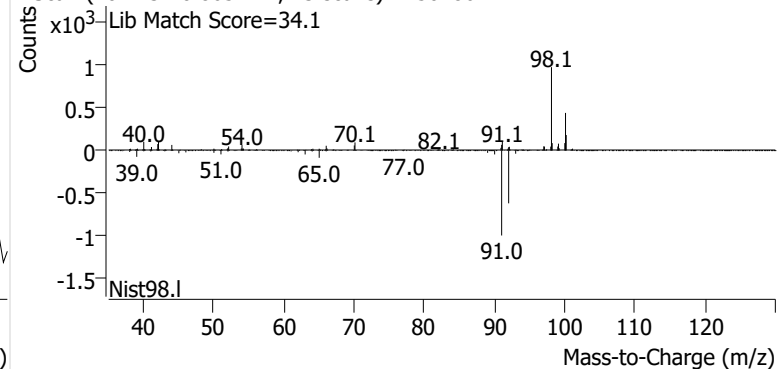
+ Scan (10.605-10.806 min, 34 scans) B2502867.D

**Toluene**

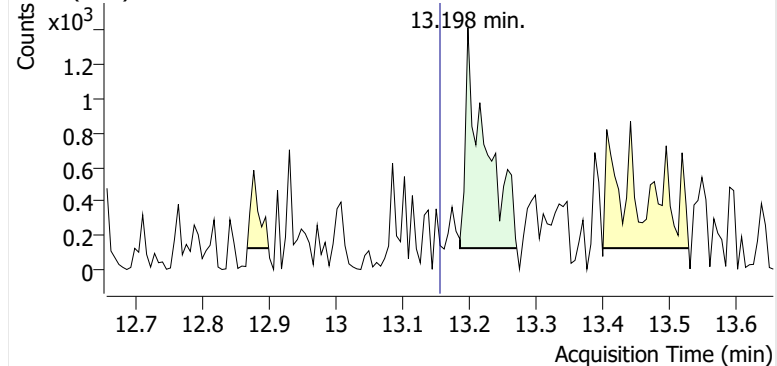
+ EIC (91.1) Scan B2502867.D



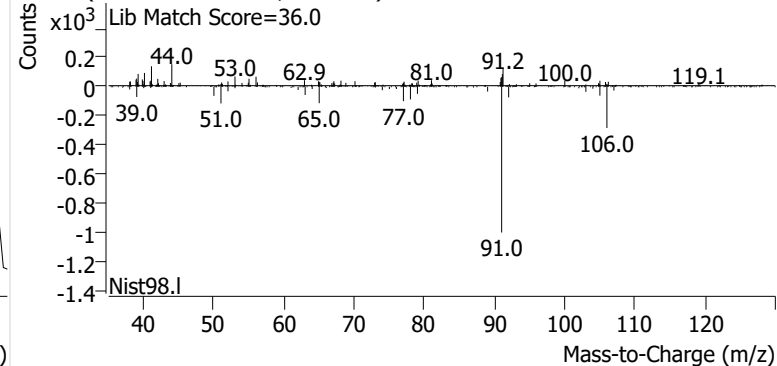
+ Scan (10.723-10.865 min, 23 scans) B2502867.D

**Ethylbenzene**

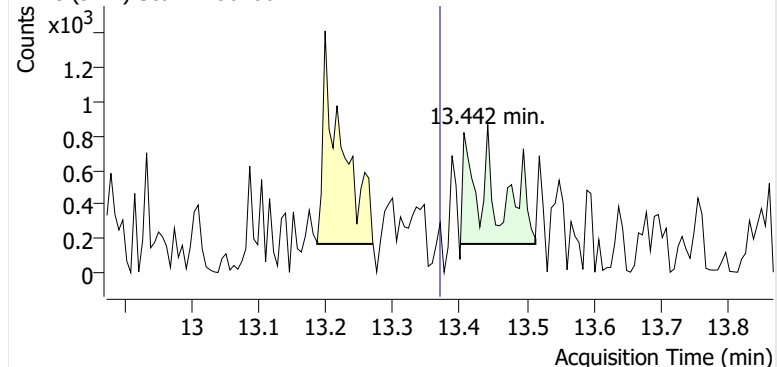
+ EIC (91.1) Scan B2502867.D



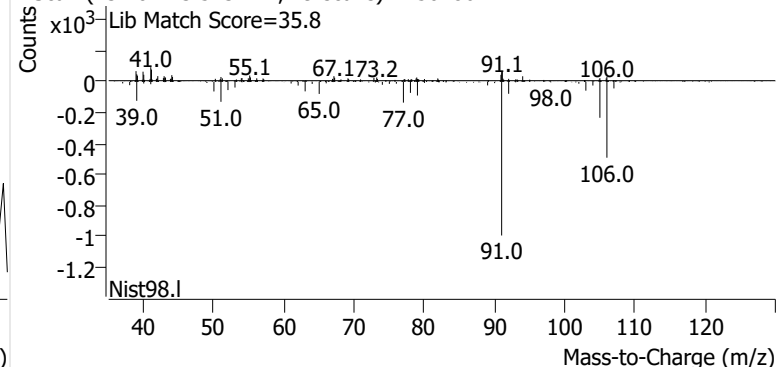
+ Scan (13.186-13.271 min, 15 scans) B2502867.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502867.D

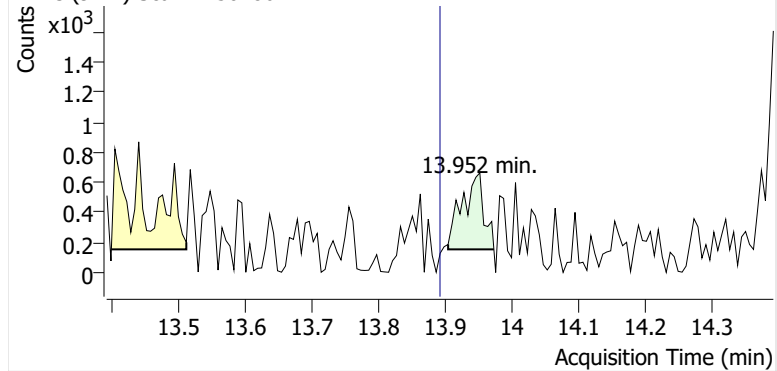


+ Scan (13.401-13.513 min, 19 scans) B2502867.D

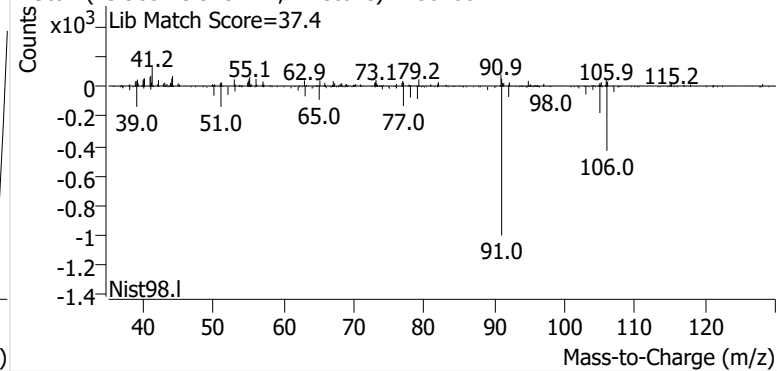


o-Xylene

+ EIC (91.1) Scan B2502867.D

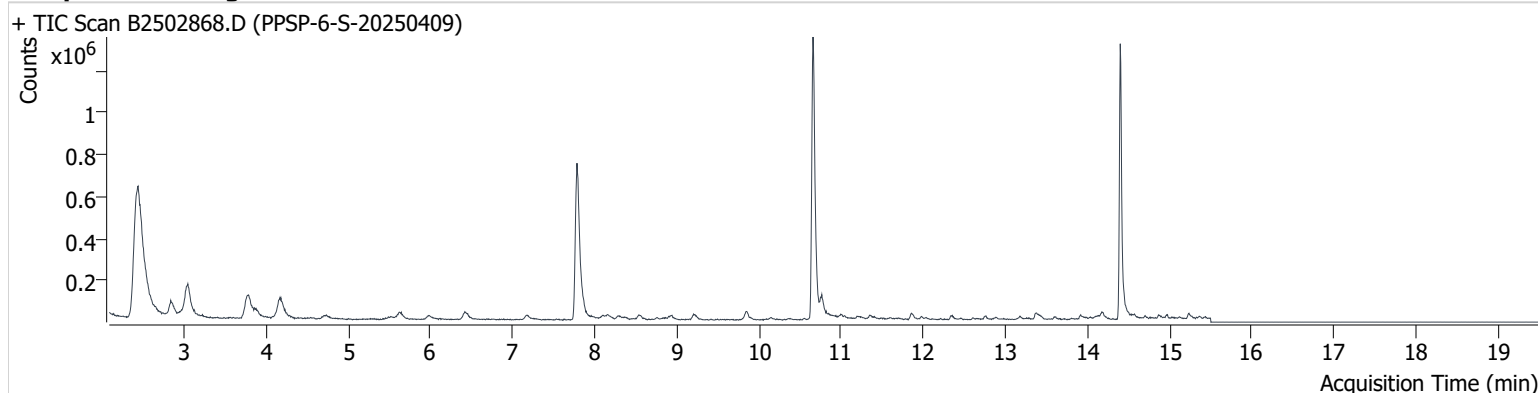


+ Scan (13.905-13.973 min, 12 scans) B2502867.D



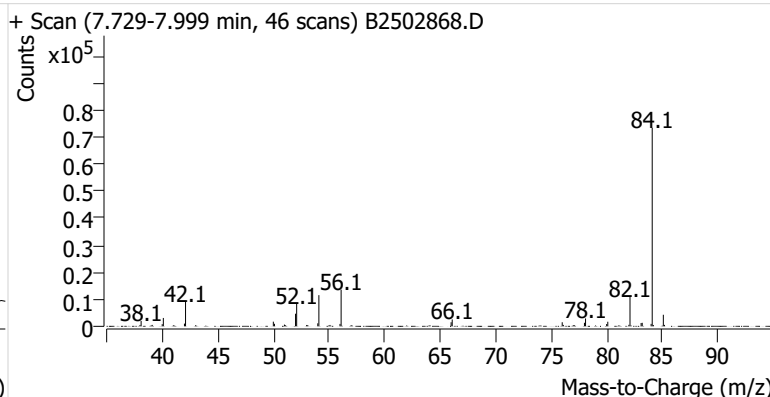
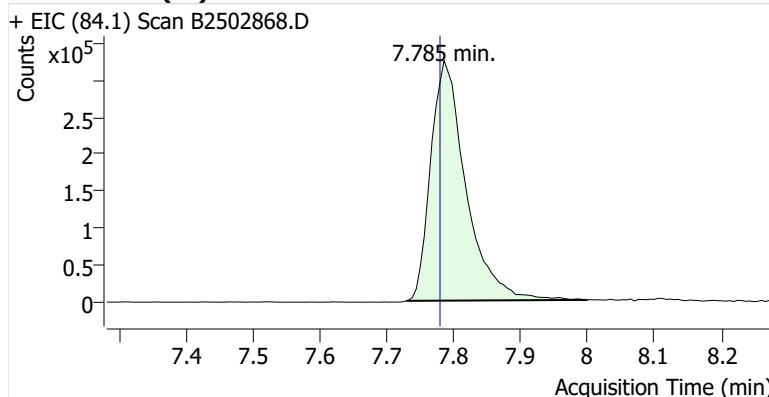
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Comment C38955
Data File B2502868.D
Acq. Date-Time 4/27/2025 3:57:38 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

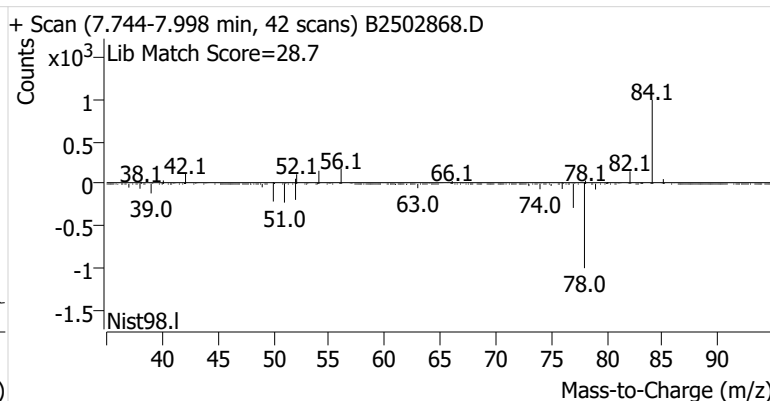
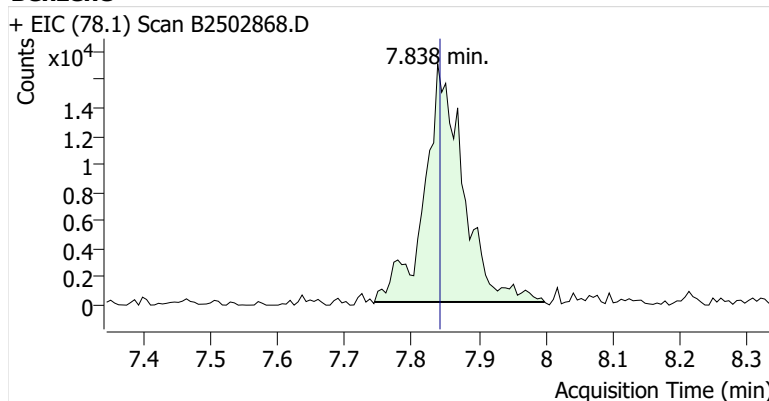


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,187,392	
Benzene	Benzene-d6 (IS)	7.838	7.842	68,305	
Toluene-d8 (IS)		10.658	10.652	1,259,144	
Toluene	Toluene-d8 (IS)	10.765	10.758	73,791	
Ethylbenzene	Toluene-d8 (IS)	13.180	13.156	14,153	m
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	34,154	m
o-Xylene	Toluene-d8 (IS)	13.904	13.892	13,883	

Benzene-d6 (IS)

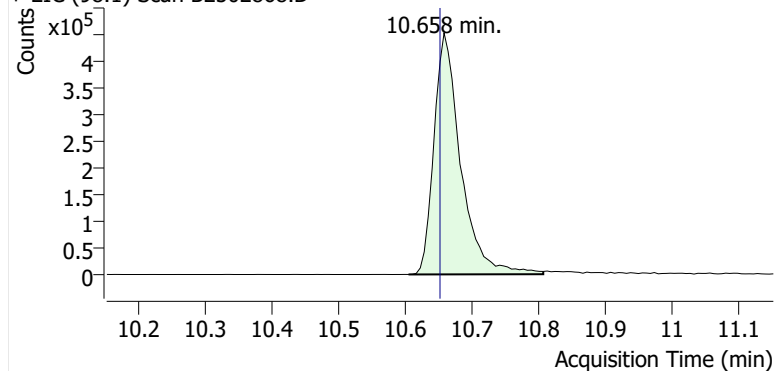


Benzene

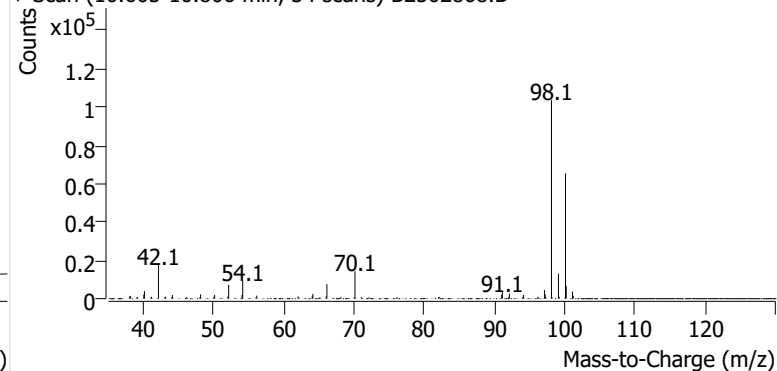


Toluene-d8 (IS)

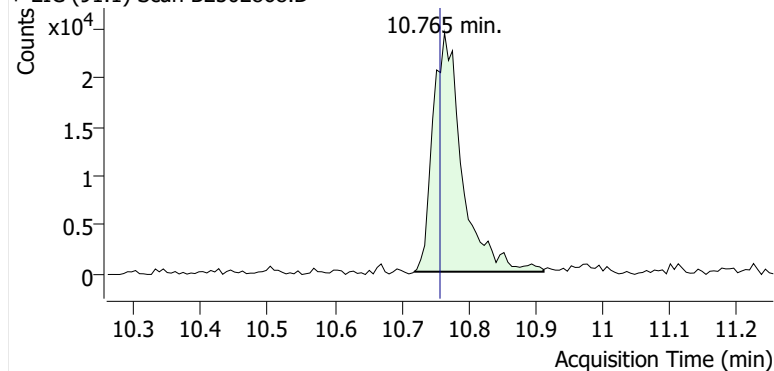
+ EIC (98.1) Scan B2502868.D



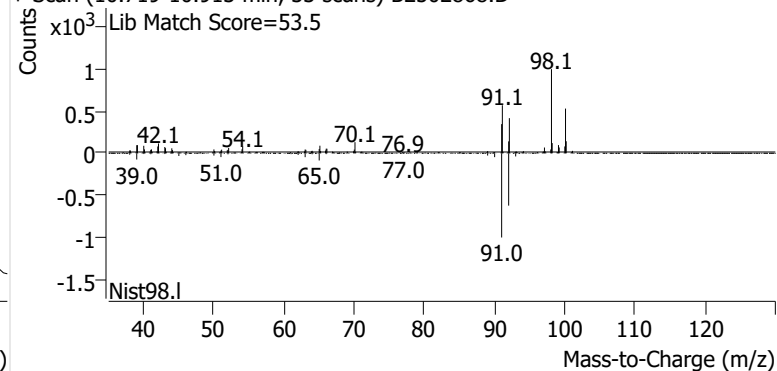
+ Scan (10.605-10.806 min, 34 scans) B2502868.D

**Toluene**

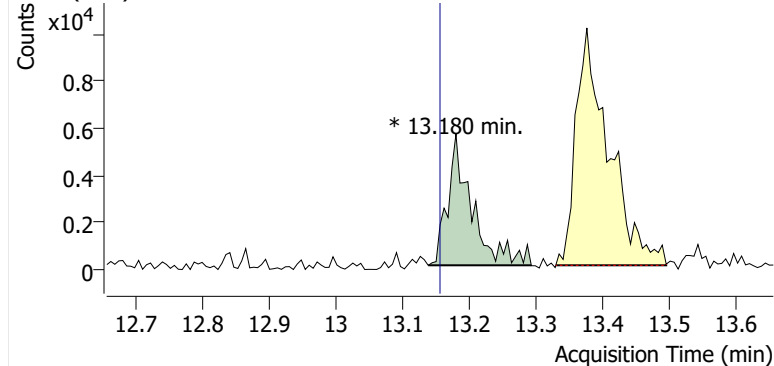
+ EIC (91.1) Scan B2502868.D



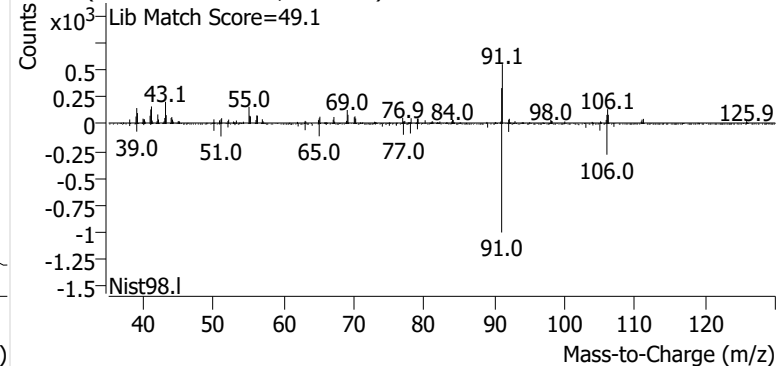
+ Scan (10.719-10.913 min, 33 scans) B2502868.D

**Ethylbenzene**

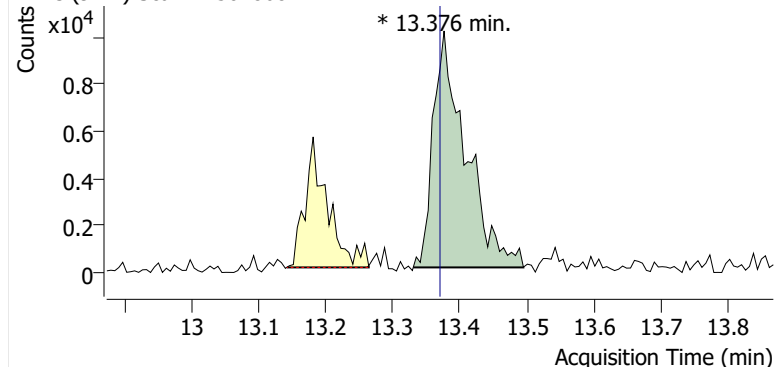
+ EIC (91.1) Scan B2502868.D



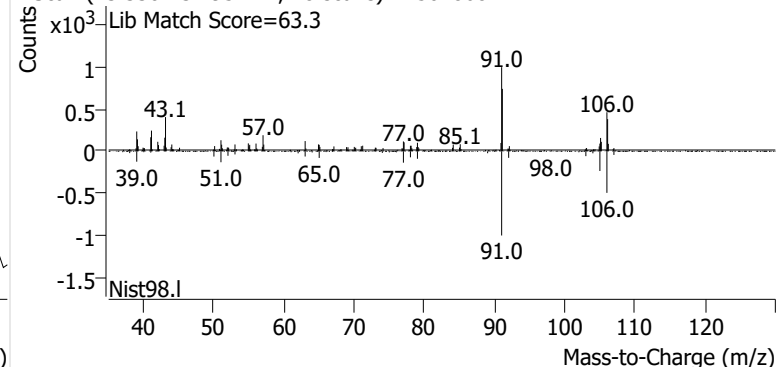
+ Scan (13.139-13.293 min, 25 scans) B2502868.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502868.D

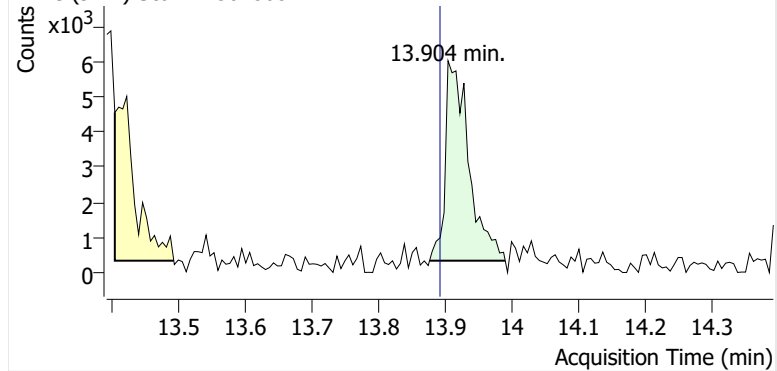


+ Scan (13.330-13.495 min, 28 scans) B2502868.D

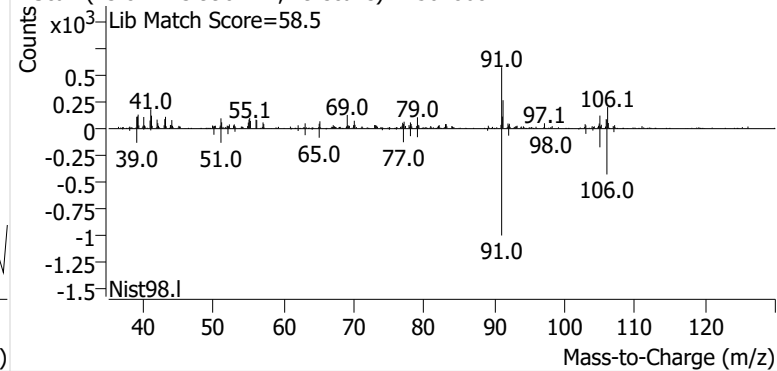


o-Xylene

+ EIC (91.1) Scan B2502868.D

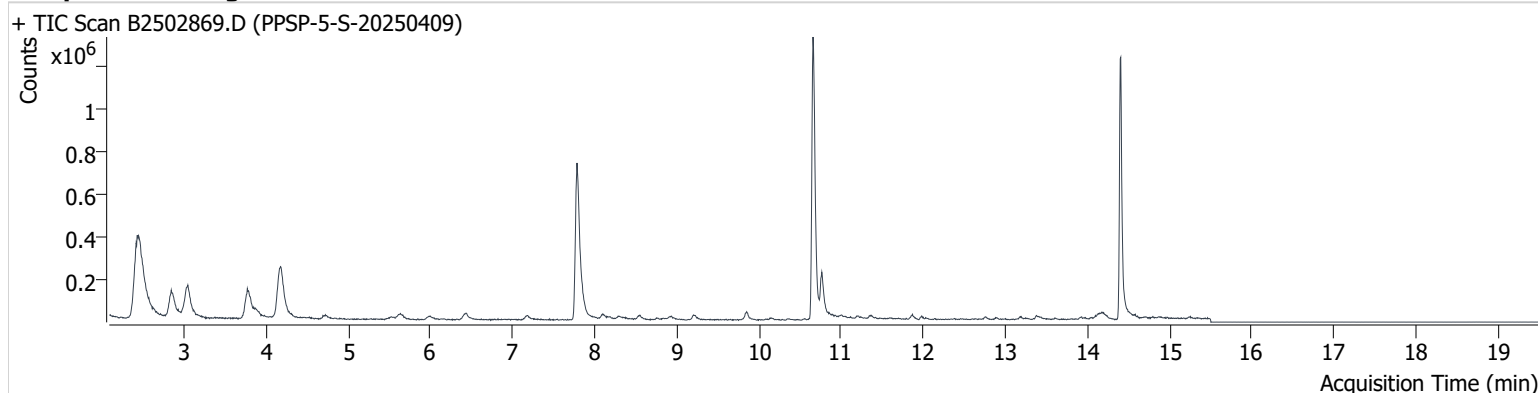


+ Scan (13.877-13.990 min, 19 scans) B2502868.D



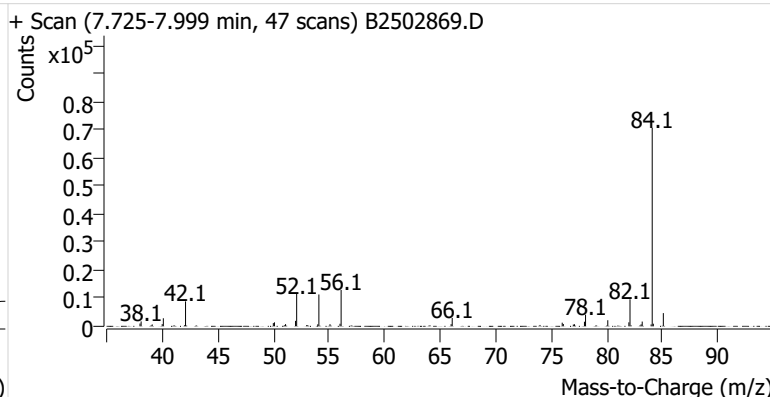
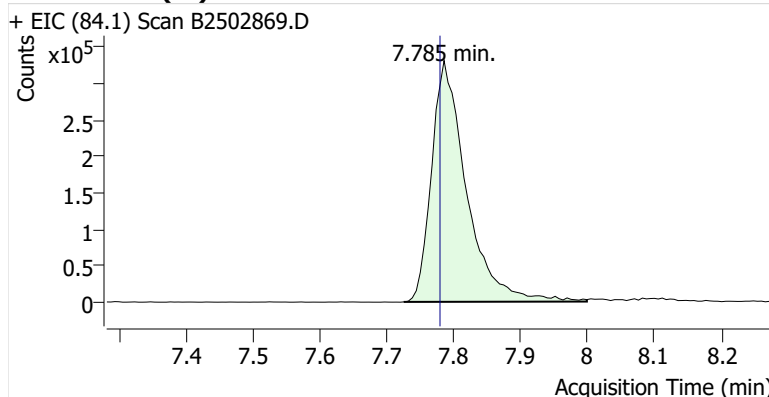
Name PPSP-5-S-20250409
Comment B44224
Data File B2502869.D
Acq. Date-Time 4/27/2025 4:34:59 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

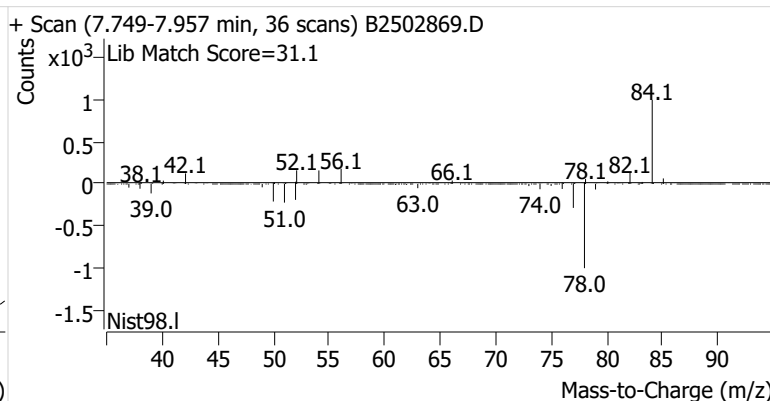
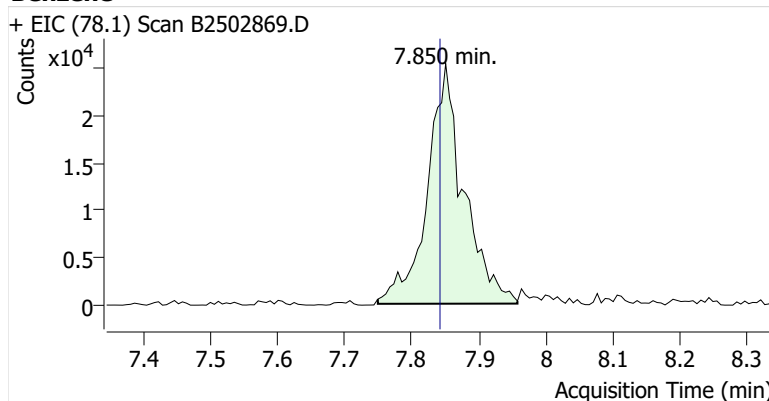


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,197,725	
Benzene	Benzene-d6 (IS)	7.850	7.842	95,314	
Toluene-d8 (IS)		10.658	10.652	1,257,040	
Toluene	Toluene-d8 (IS)	10.765	10.758	187,233	
Ethylbenzene	Toluene-d8 (IS)	13.192	13.156	13,824	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	17,692	
o-Xylene	Toluene-d8 (IS)	13.922	13.892	7,536	

Benzene-d6 (IS)

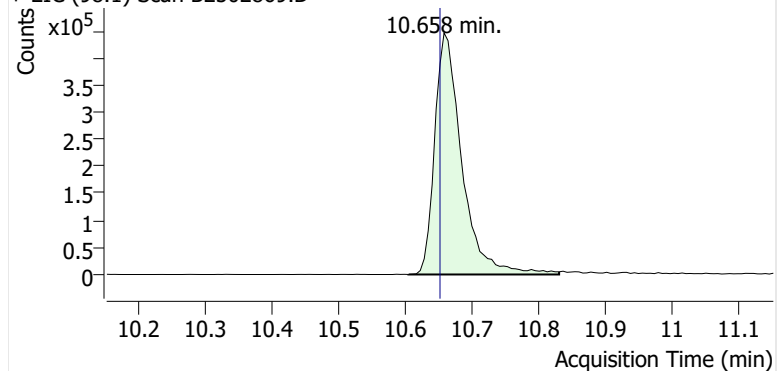


Benzene

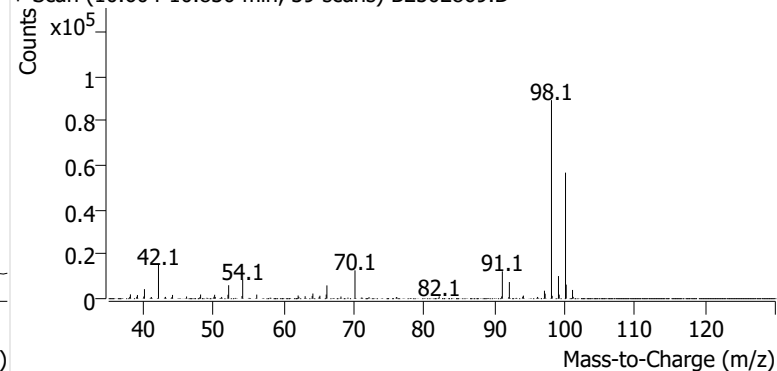


Toluene-d8 (IS)

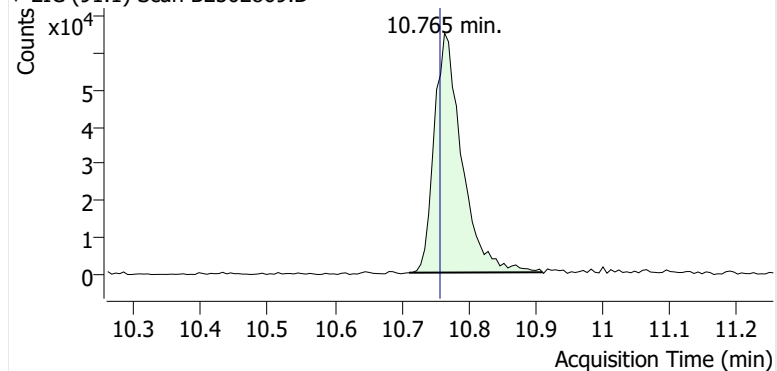
+ EIC (98.1) Scan B2502869.D



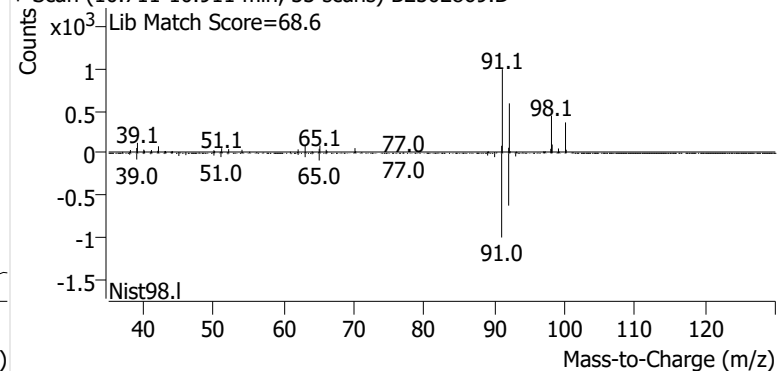
+ Scan (10.604-10.830 min, 39 scans) B2502869.D

**Toluene**

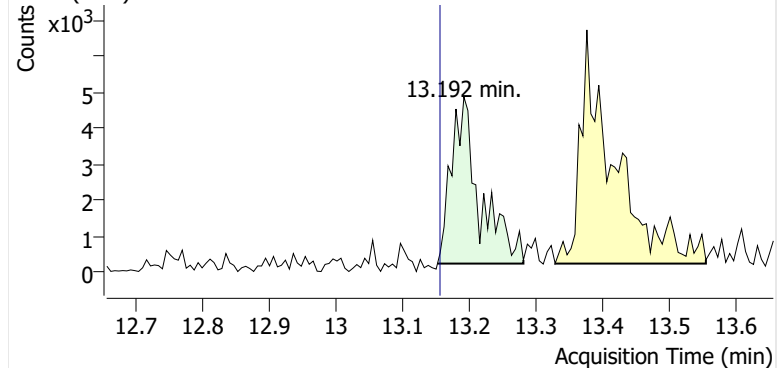
+ EIC (91.1) Scan B2502869.D



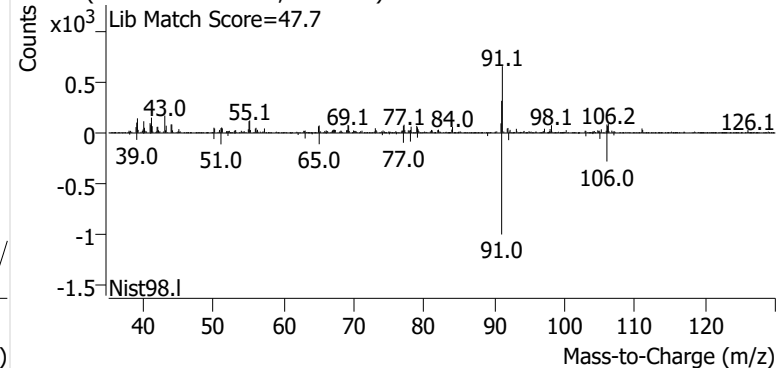
+ Scan (10.711-10.911 min, 33 scans) B2502869.D

**Ethylbenzene**

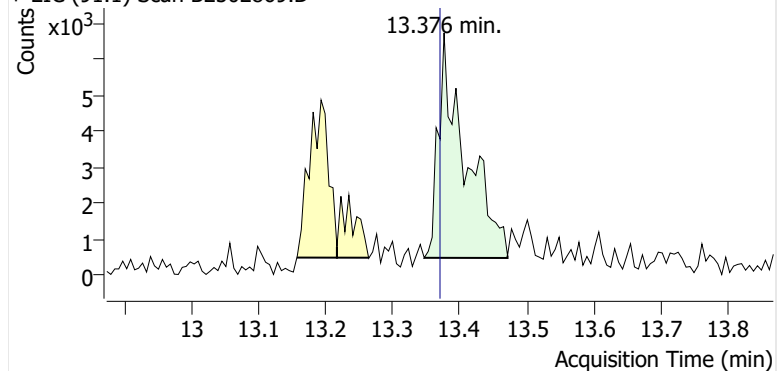
+ EIC (91.1) Scan B2502869.D



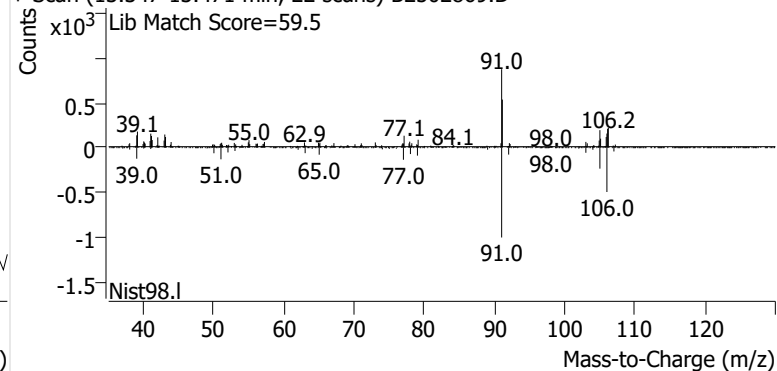
+ Scan (13.153-13.281 min, 22 scans) B2502869.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502869.D

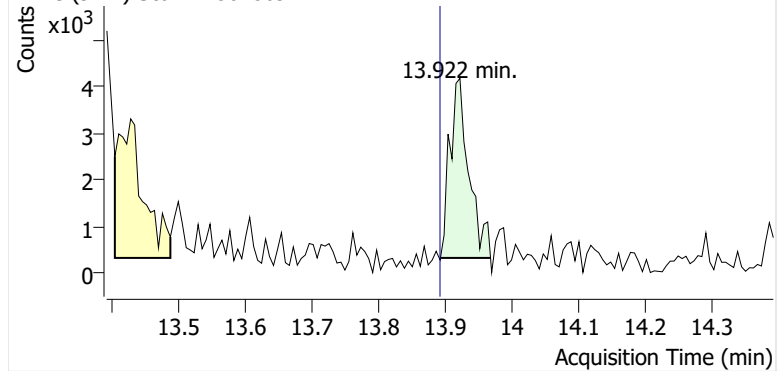


+ Scan (13.347-13.471 min, 22 scans) B2502869.D

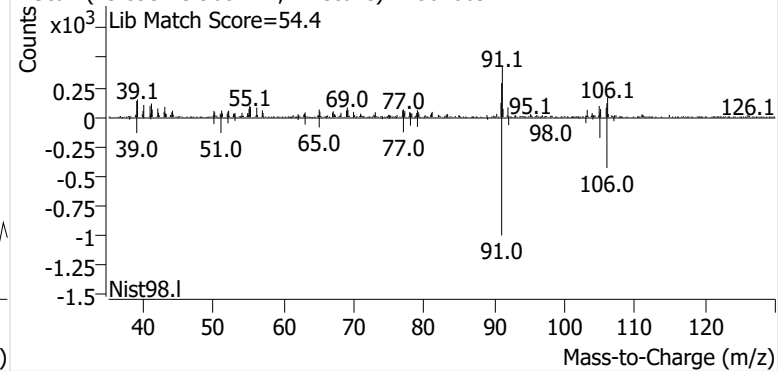


o-Xylene

+ EIC (91.1) Scan B2502869.D

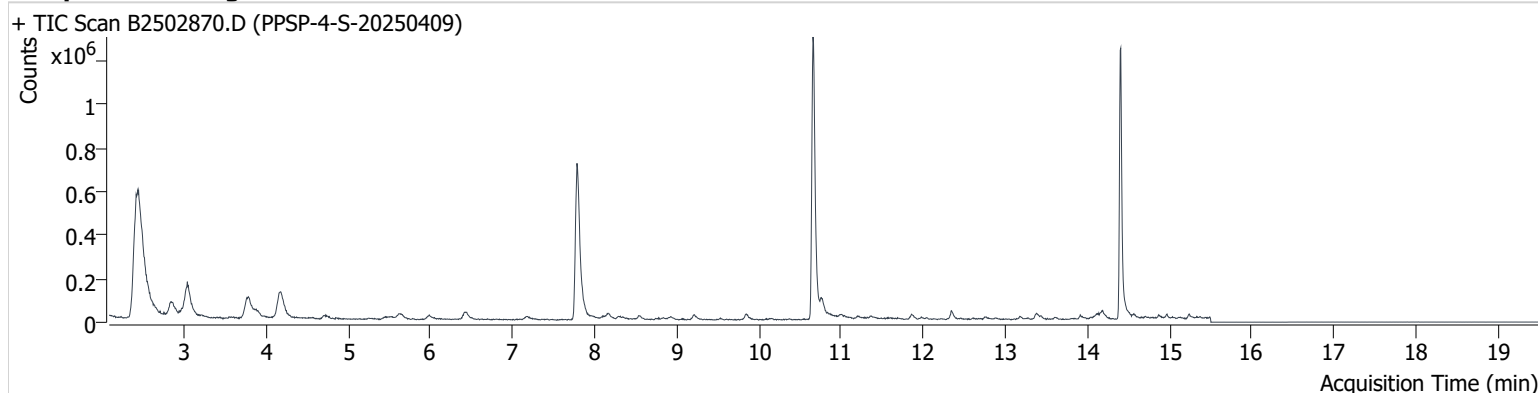


+ Scan (13.893-13.968 min, 12 scans) B2502869.D



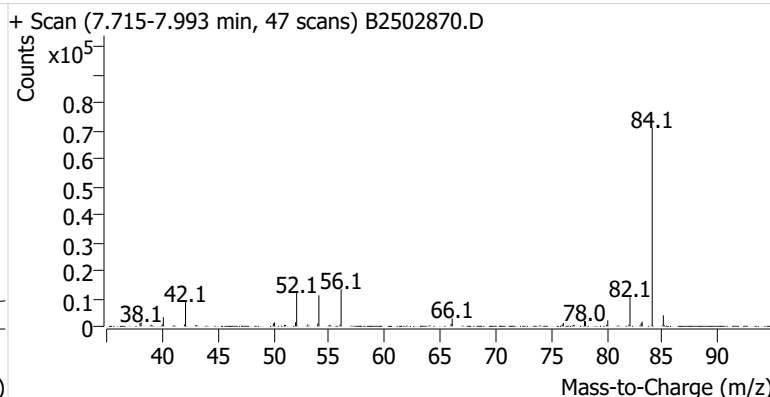
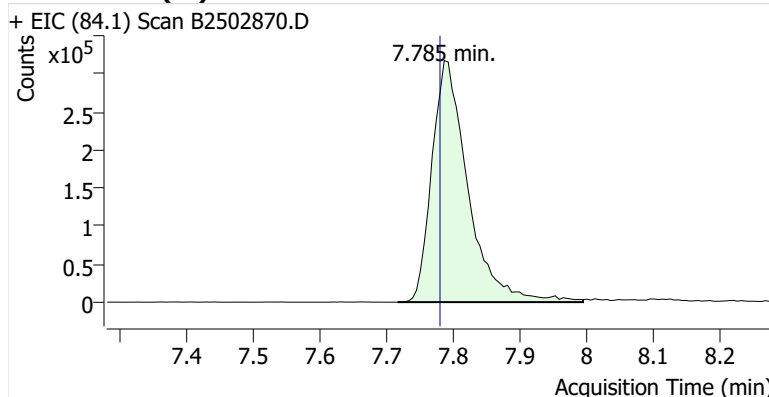
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Comment C55762
Data File B2502870.D
Acq. Date-Time 4/27/2025 5:12:18 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

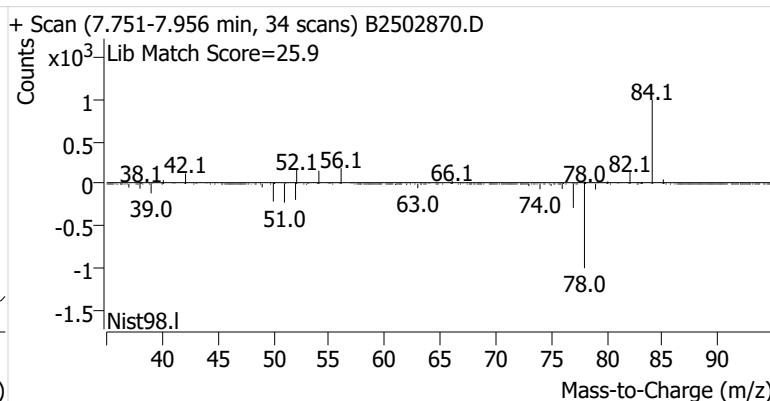
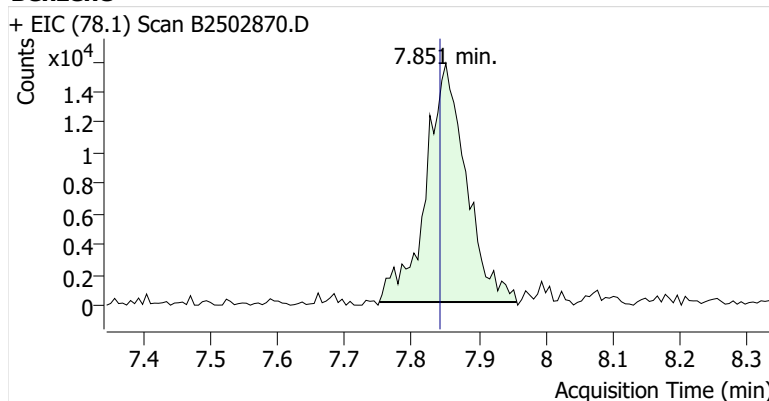


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,194,965	
Benzene	Benzene-d6 (IS)	7.851	7.842	65,460	
Toluene-d8 (IS)		10.664	10.652	1,229,437	
Toluene	Toluene-d8 (IS)	10.771	10.758	62,868	
Ethylbenzene	Toluene-d8 (IS)	13.175	13.156	10,231	
m-/p-Xylenes	Toluene-d8 (IS)	13.382	13.370	28,201	
o-Xylene	Toluene-d8 (IS)	13.911	13.892	10,690	

Benzene-d6 (IS)

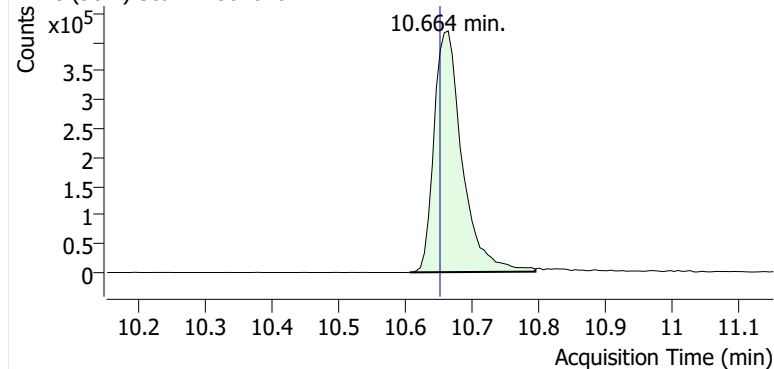


Benzene

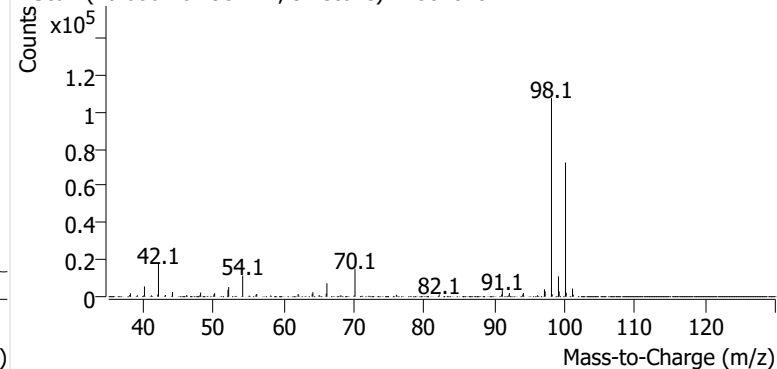


Toluene-d8 (IS)

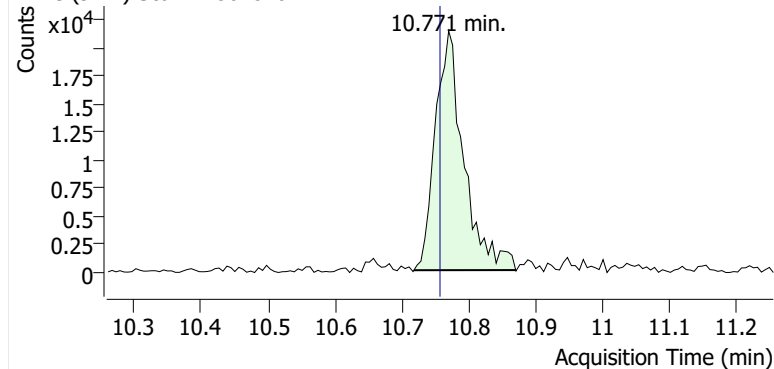
+ EIC (98.1) Scan B2502870.D



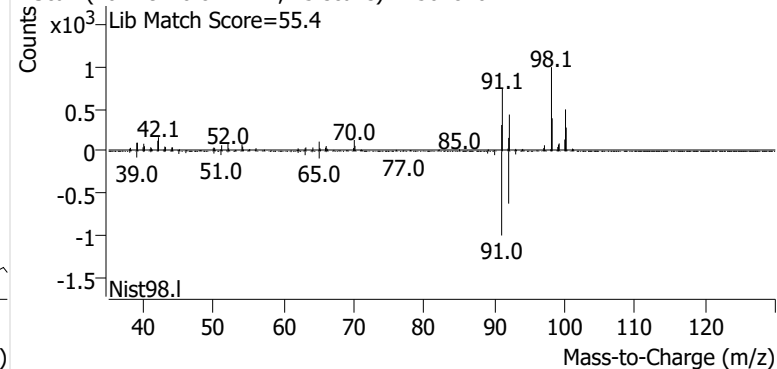
+ Scan (10.606-10.795 min, 32 scans) B2502870.D

**Toluene**

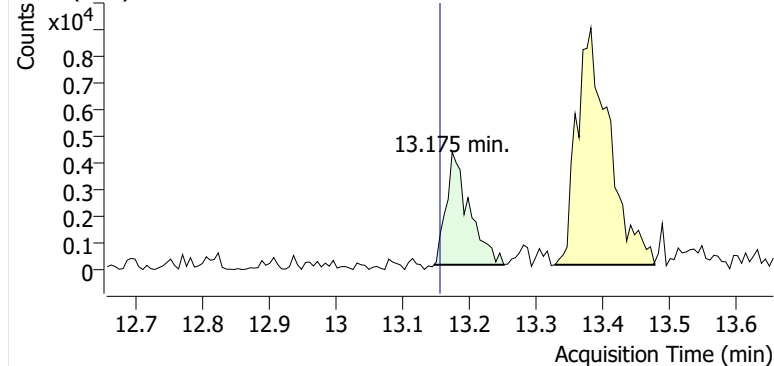
+ EIC (91.1) Scan B2502870.D



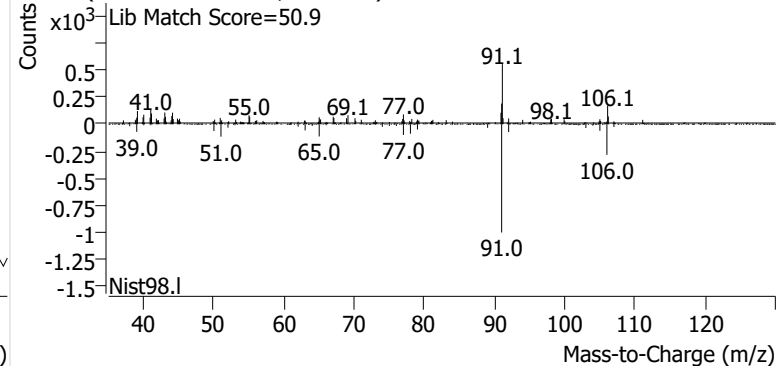
+ Scan (10.719-10.871 min, 25 scans) B2502870.D

**Ethylbenzene**

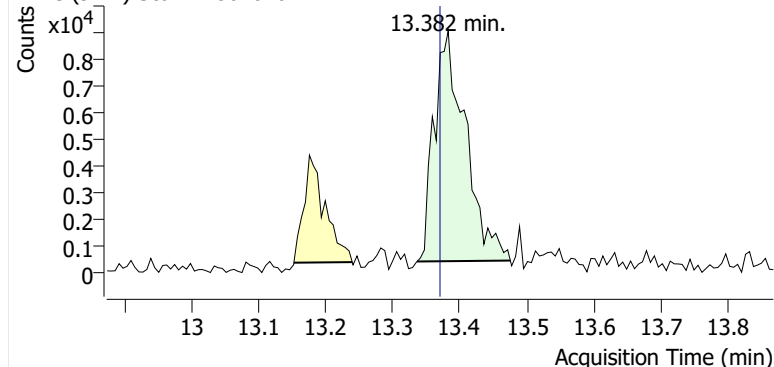
+ EIC (91.1) Scan B2502870.D



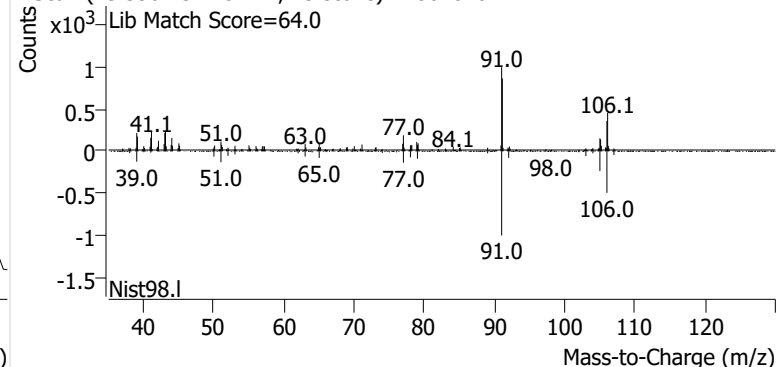
+ Scan (13.147-13.252 min, 18 scans) B2502870.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502870.D

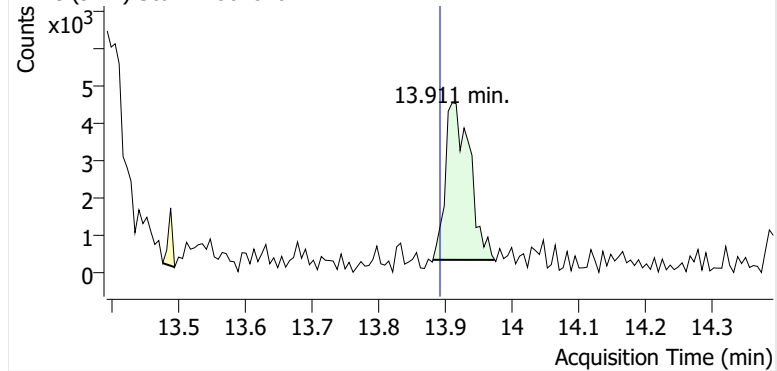


+ Scan (13.336-13.475 min, 23 scans) B2502870.D

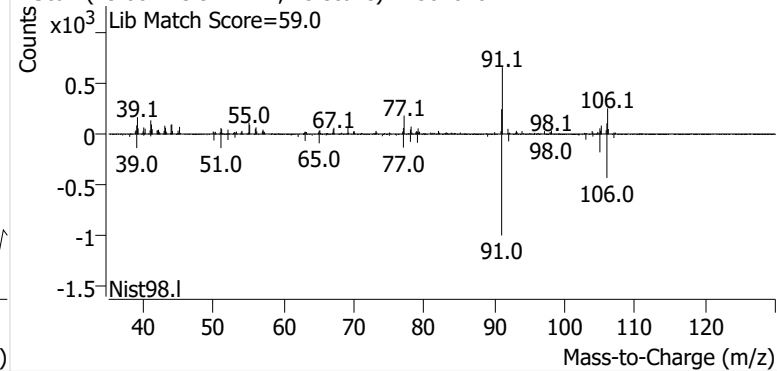


o-Xylene

+ EIC (91.1) Scan B2502870.D

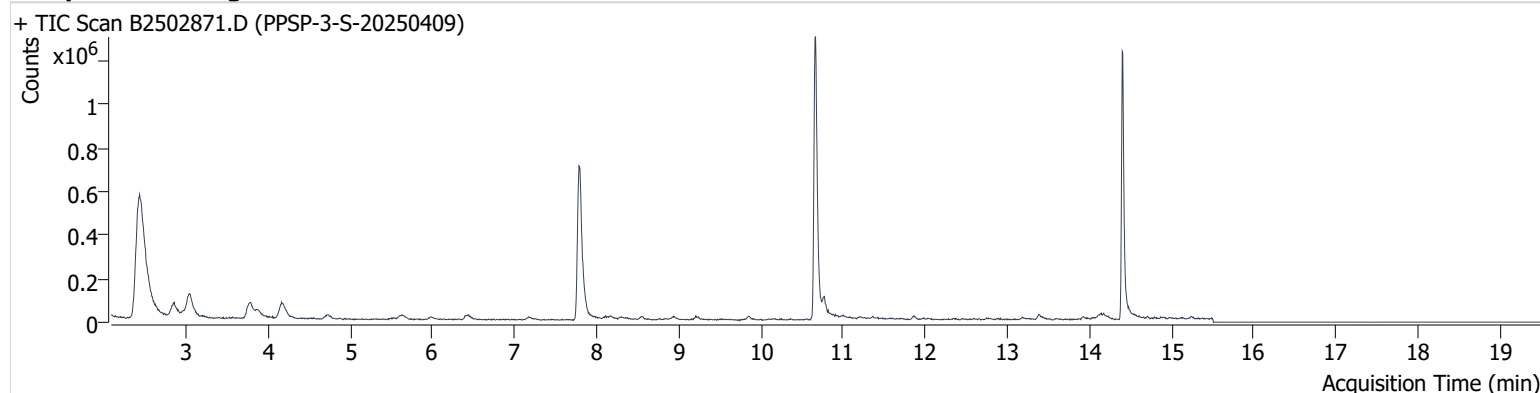


+ Scan (13.882-13.974 min, 15 scans) B2502870.D



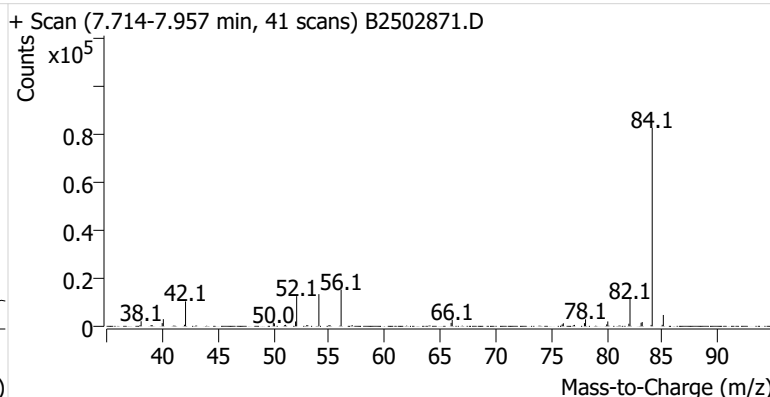
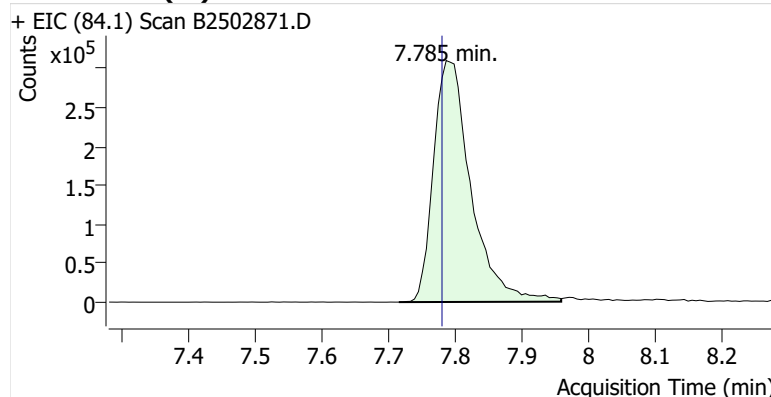
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Comment C53620
Data File B2502871.D
Acq. Date-Time 4/27/2025 5:49:36 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

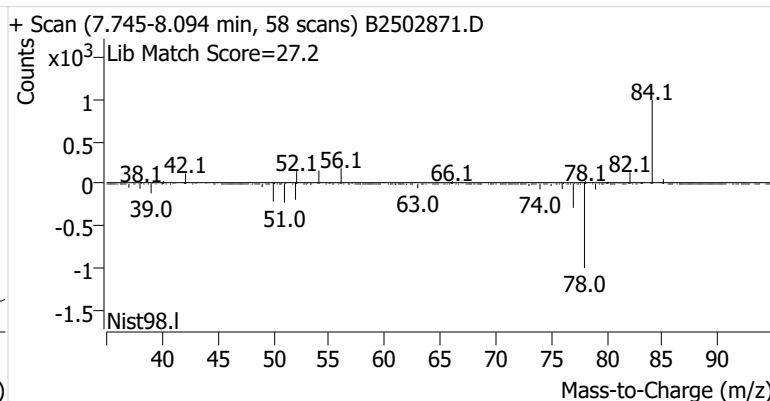
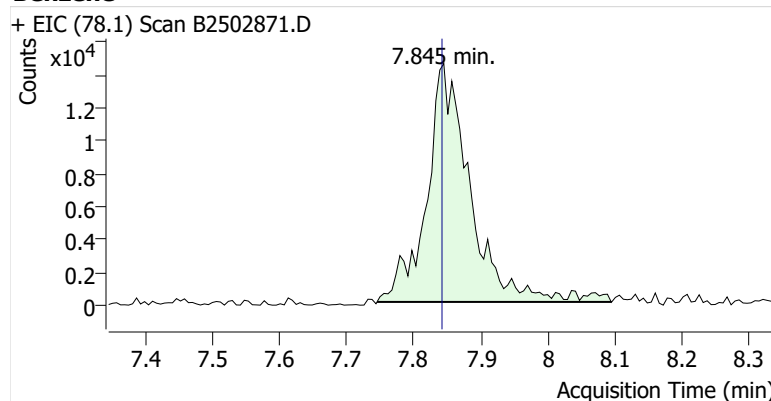


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,210,346	
Benzene	Benzene-d6 (IS)	7.845	7.842	65,635	
Toluene-d8 (IS)		10.658	10.652	1,223,194	
Toluene	Toluene-d8 (IS)	10.771	10.758	64,002	
Ethylbenzene	Toluene-d8 (IS)	13.192	13.156	8,713	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	22,660	m
o-Xylene	Toluene-d8 (IS)	13.917	13.892	8,936	

Benzene-d6 (IS)

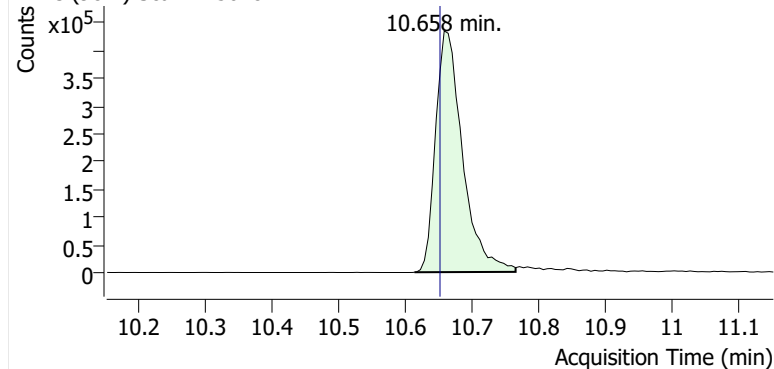


Benzene

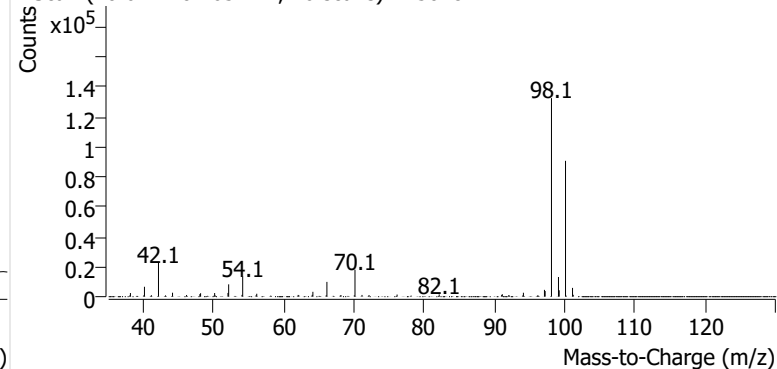


Toluene-d8 (IS)

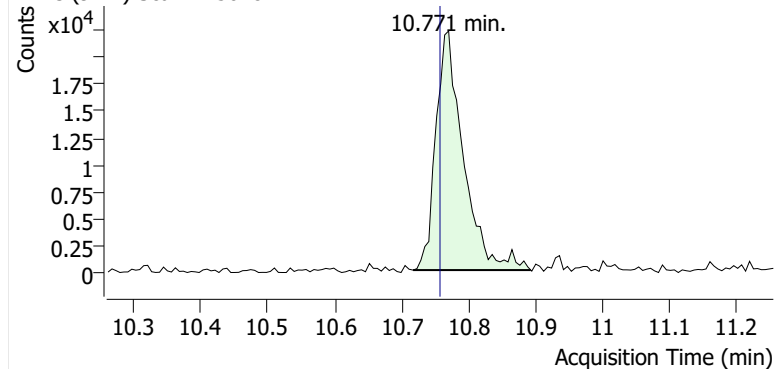
+ EIC (98.1) Scan B2502871.D



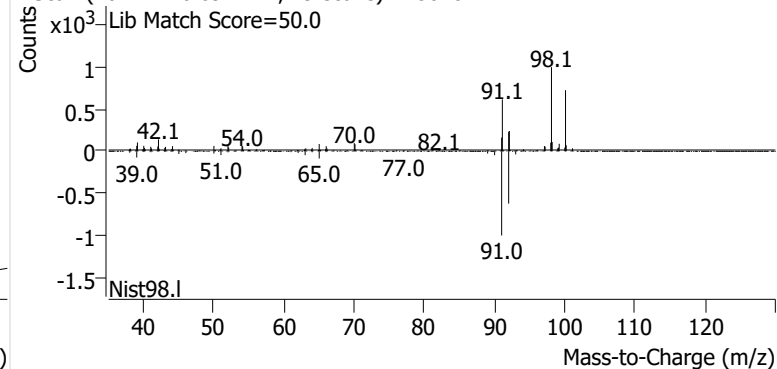
+ Scan (10.614-10.765 min, 26 scans) B2502871.D

**Toluene**

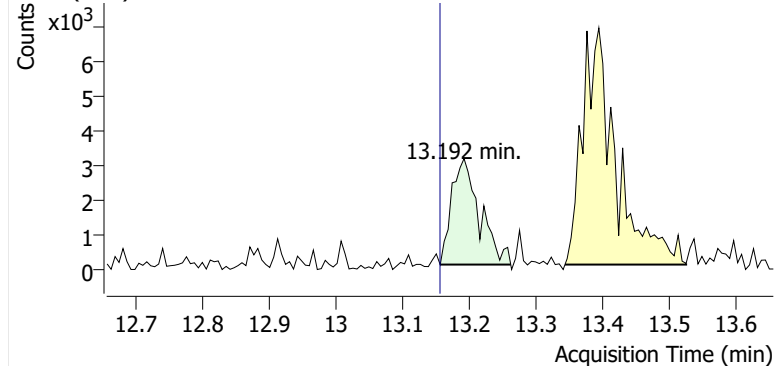
+ EIC (91.1) Scan B2502871.D



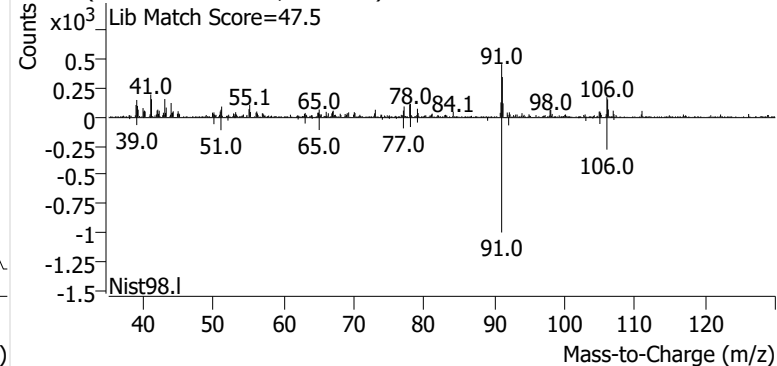
+ Scan (10.717-10.894 min, 29 scans) B2502871.D

**Ethylbenzene**

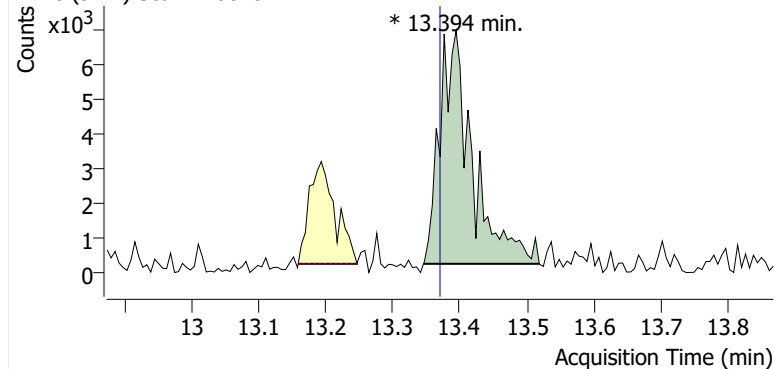
+ EIC (91.1) Scan B2502871.D



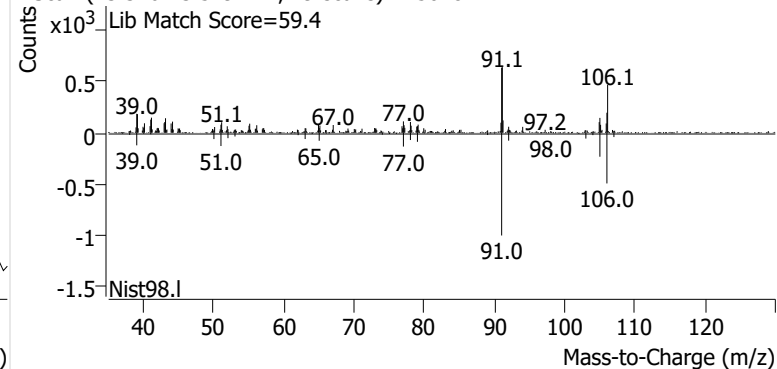
+ Scan (13.157-13.262 min, 17 scans) B2502871.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502871.D

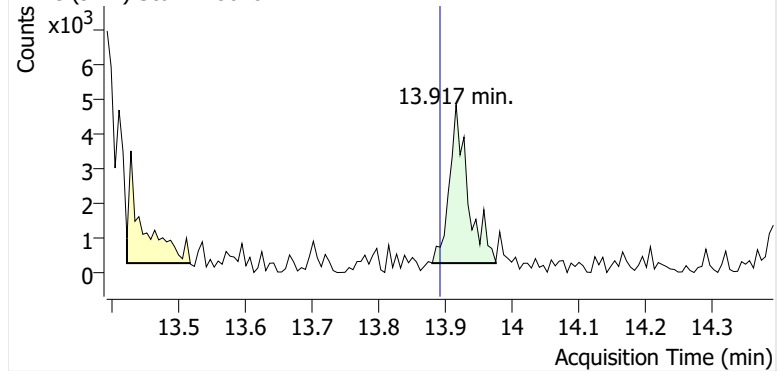


+ Scan (13.346-13.519 min, 29 scans) B2502871.D

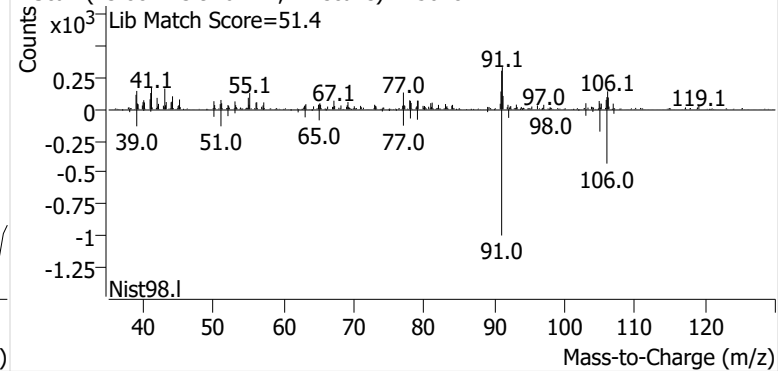


o-Xylene

+ EIC (91.1) Scan B2502871.D

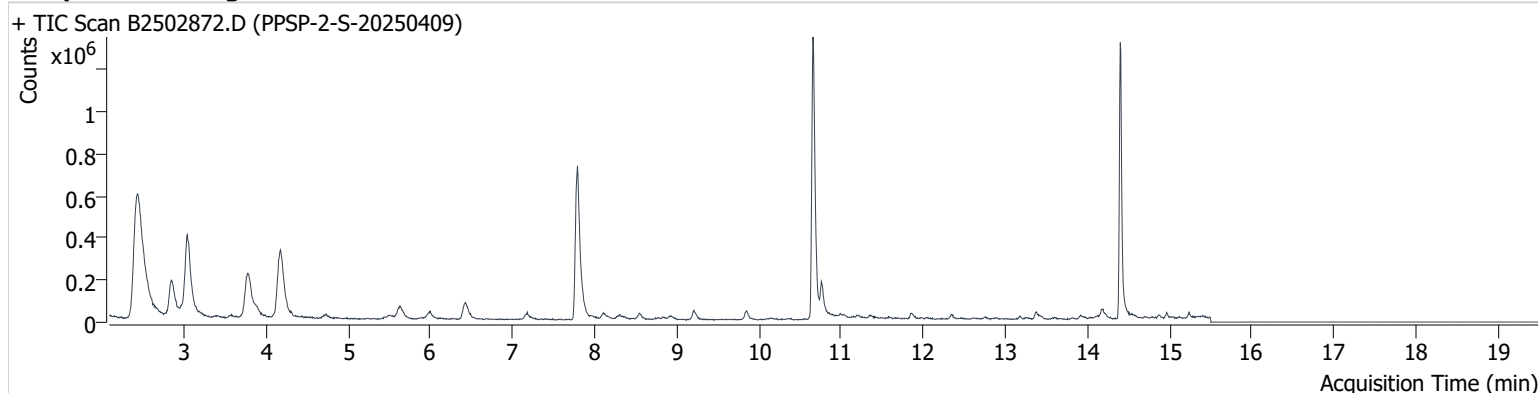


+ Scan (13.881-13.976 min, 17 scans) B2502871.D



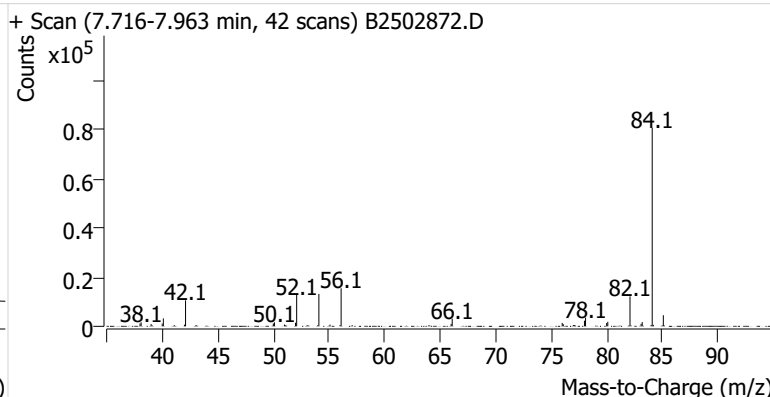
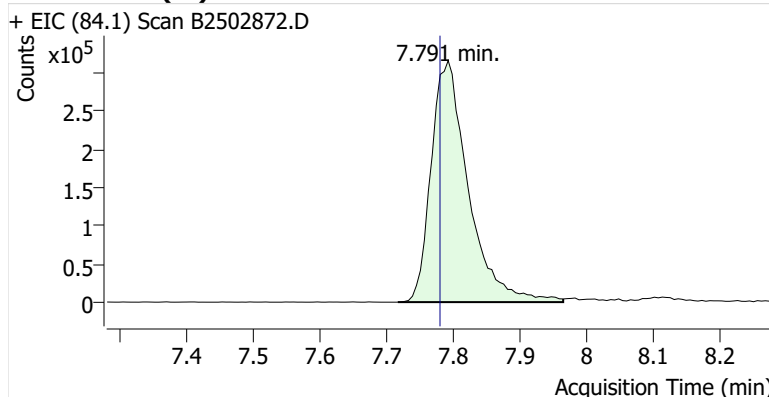
Name PPSP-2-S-20250409
Comment C55747
Data File B2502872.D
Acq. Date-Time 4/27/2025 6:26:56 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

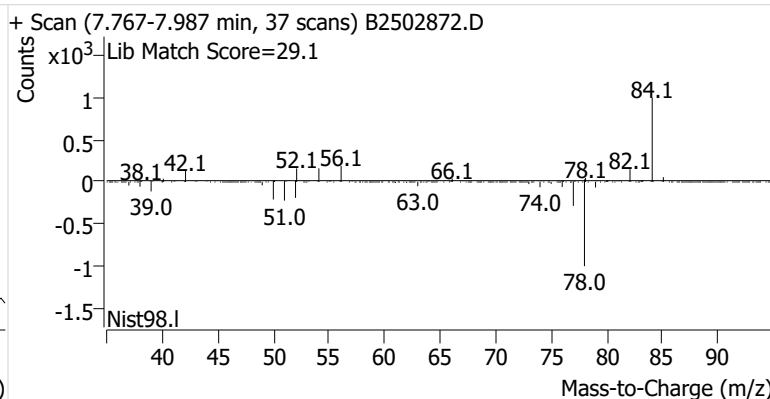
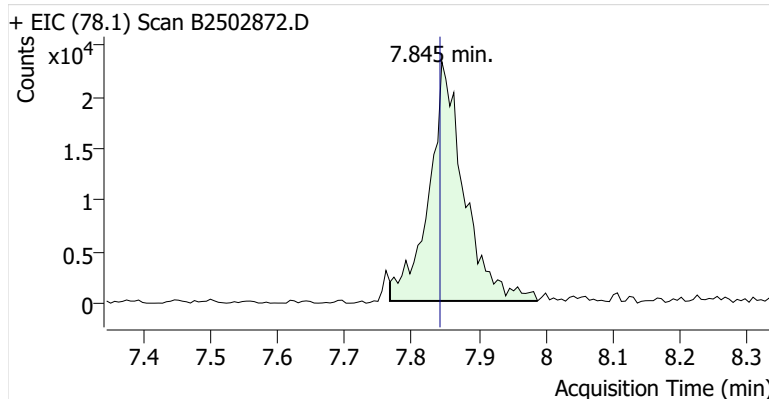


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.791	7.779	1,221,363	
Benzene	Benzene-d6 (IS)	7.845	7.842	84,889	
Toluene-d8 (IS)		10.658	10.652	1,189,824	
Toluene	Toluene-d8 (IS)	10.765	10.758	136,157	
Ethylbenzene	Toluene-d8 (IS)	13.175	13.156	10,384	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	34,377	
o-Xylene	Toluene-d8 (IS)	13.911	13.892	12,167	

Benzene-d6 (IS)

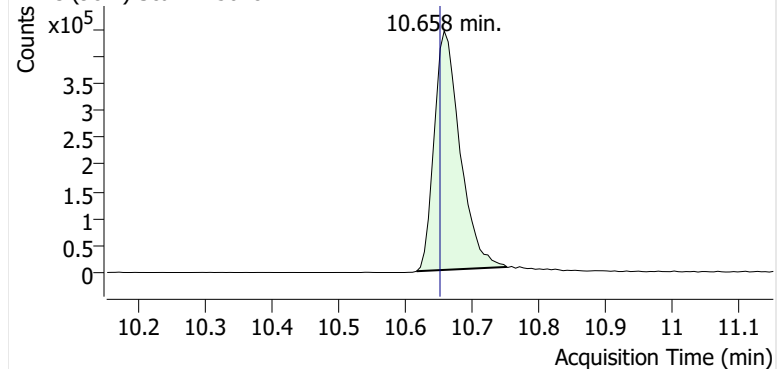


Benzene

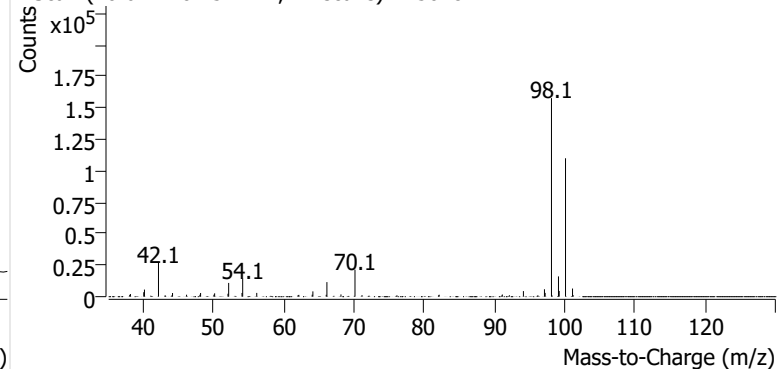


Toluene-d8 (IS)

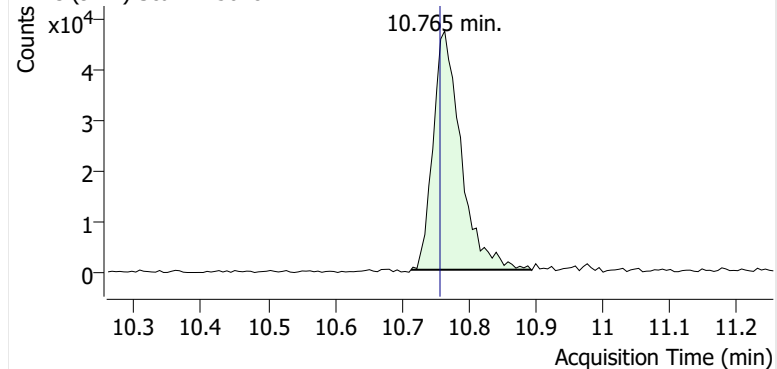
+ EIC (98.1) Scan B2502872.D



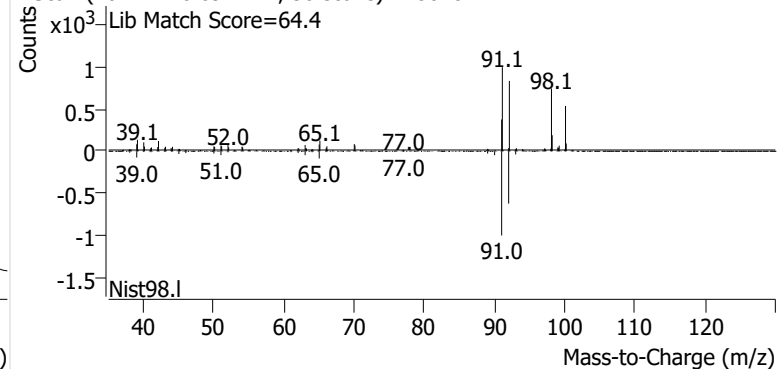
+ Scan (10.617-10.752 min, 22 scans) B2502872.D

**Toluene**

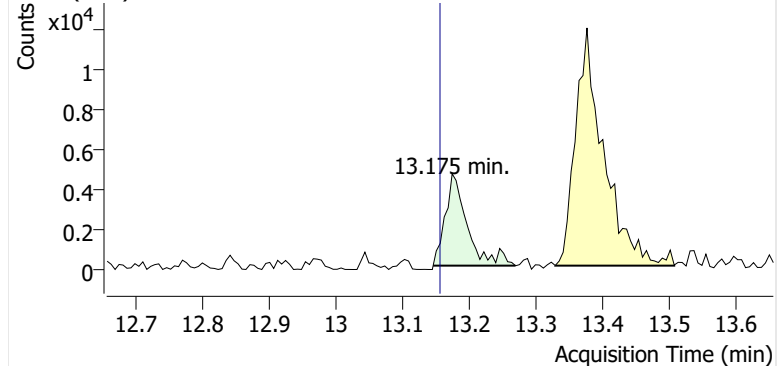
+ EIC (91.1) Scan B2502872.D



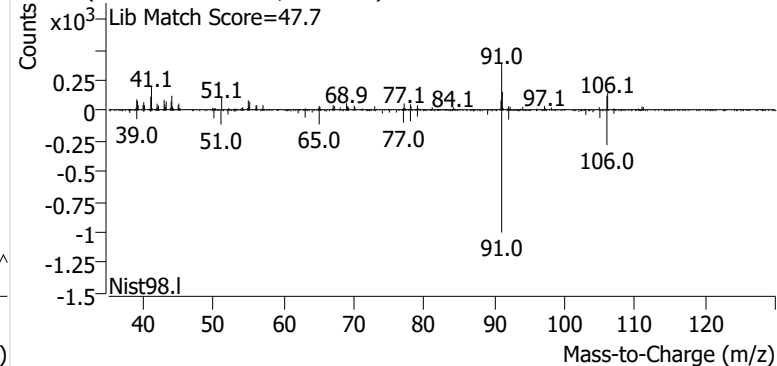
+ Scan (10.714-10.894 min, 30 scans) B2502872.D

**Ethylbenzene**

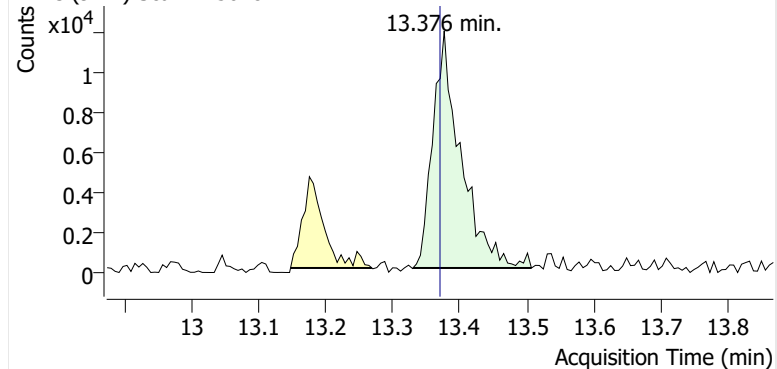
+ EIC (91.1) Scan B2502872.D



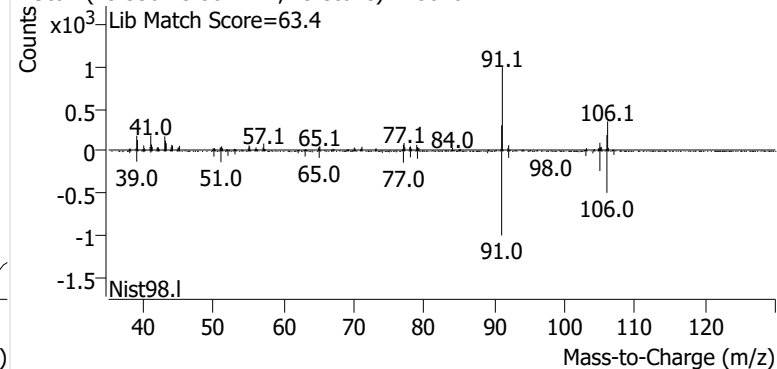
+ Scan (13.146-13.269 min, 20 scans) B2502872.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502872.D

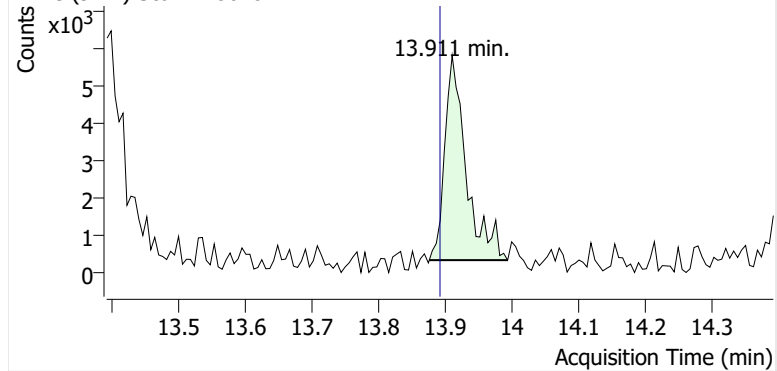


+ Scan (13.330-13.507 min, 29 scans) B2502872.D

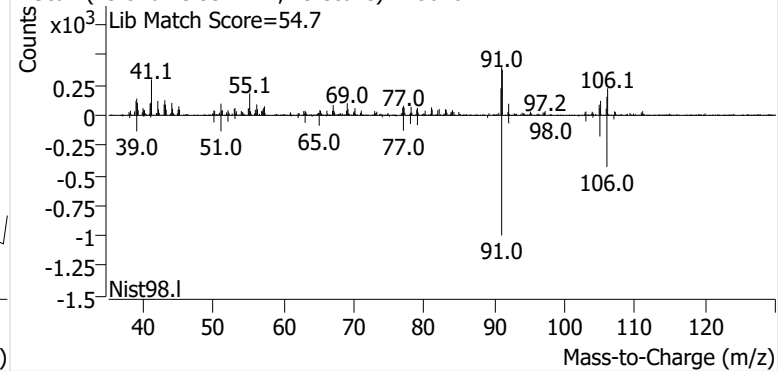


o-Xylene

+ EIC (91.1) Scan B2502872.D

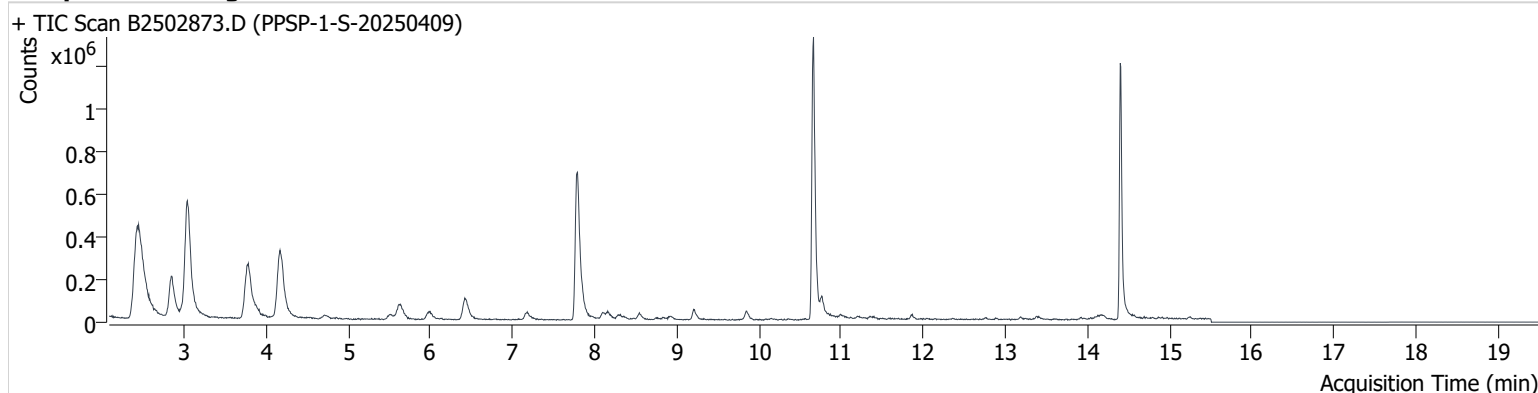


+ Scan (13.876-13.994 min, 19 scans) B2502872.D



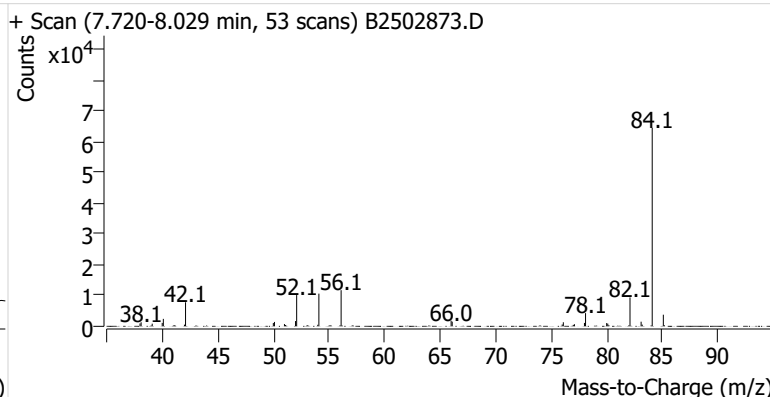
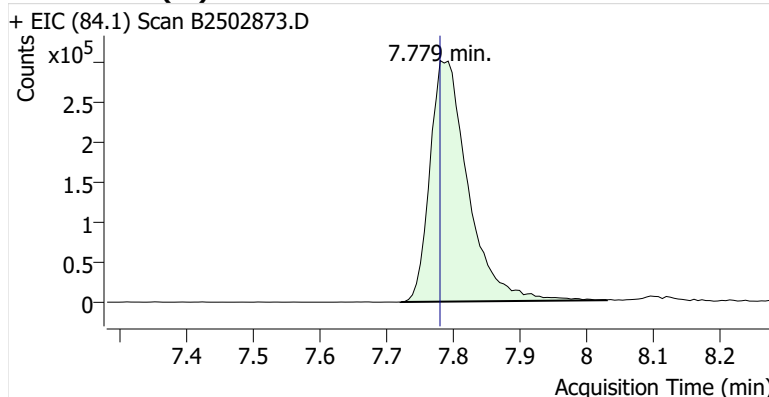
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Comment C17124
Data File B2502873.D
Acq. Date-Time 4/27/2025 7:04:16 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

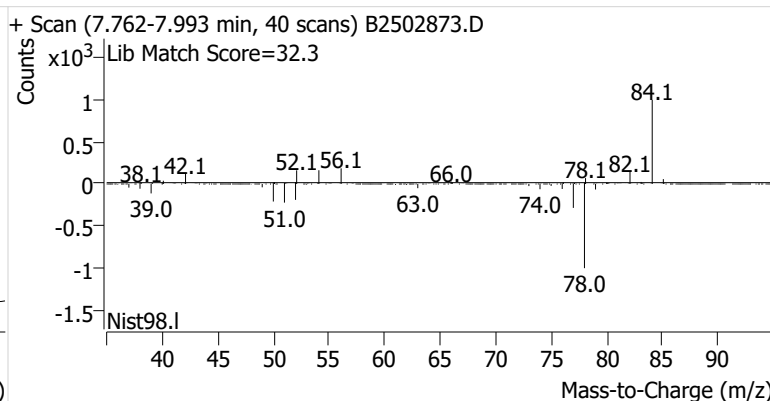
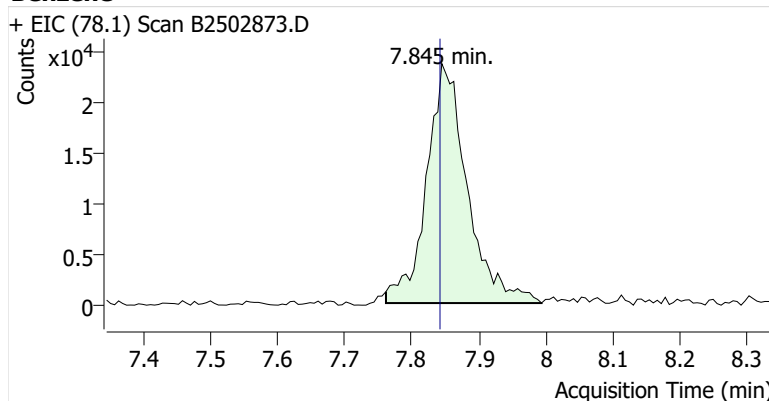


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.779	7.779	1,198,882	
Benzene	Benzene-d6 (IS)	7.845	7.842	99,367	
Toluene-d8 (IS)		10.664	10.652	1,261,403	
Toluene	Toluene-d8 (IS)	10.765	10.758	70,152	
Ethylbenzene	Toluene-d8 (IS)	13.192	13.156	9,660	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	15,557	
o-Xylene	Toluene-d8 (IS)	13.922	13.892	6,671	

Benzene-d6 (IS)

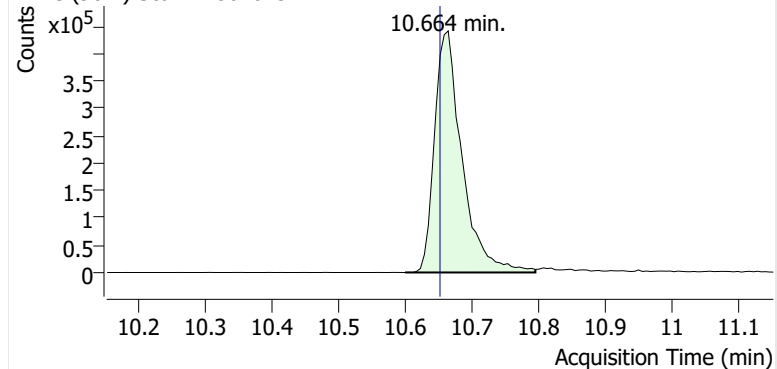


Benzene

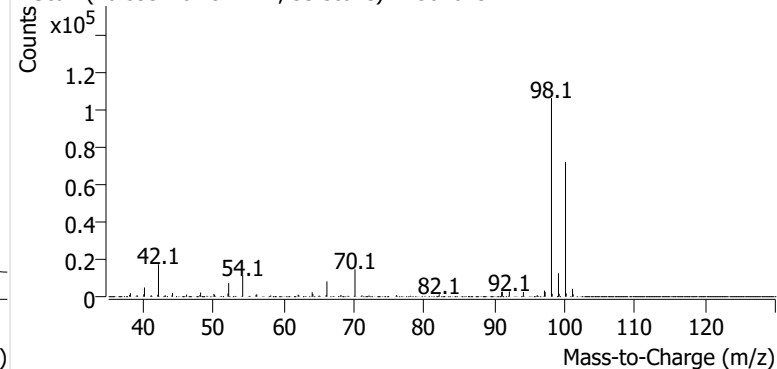


Toluene-d8 (IS)

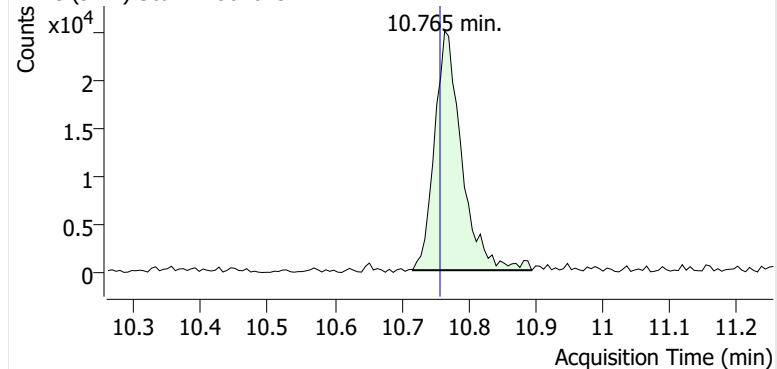
+ EIC (98.1) Scan B2502873.D



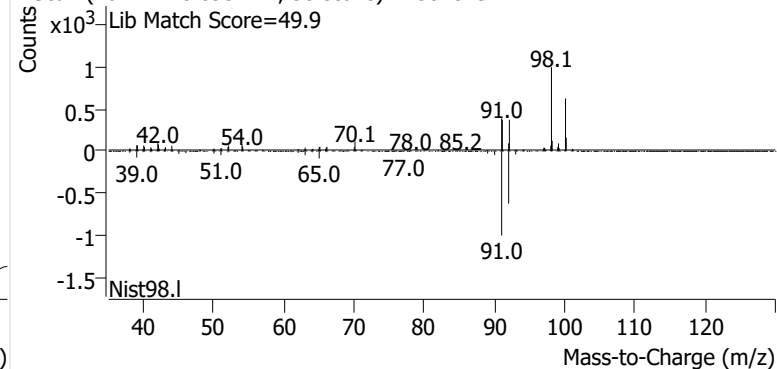
+ Scan (10.599-10.794 min, 33 scans) B2502873.D

**Toluene**

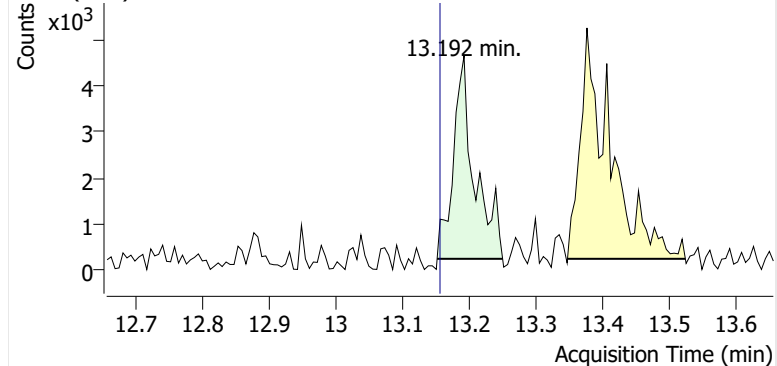
+ EIC (91.1) Scan B2502873.D



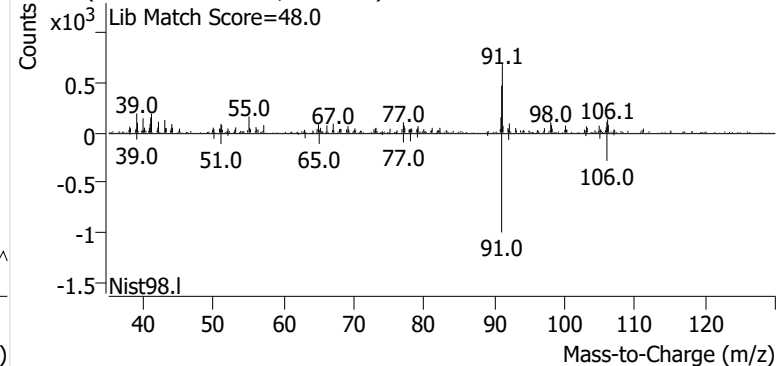
+ Scan (10.717-10.895 min, 30 scans) B2502873.D

**Ethylbenzene**

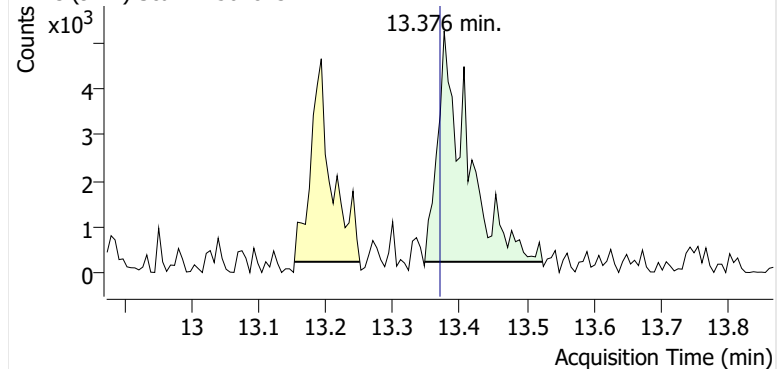
+ EIC (91.1) Scan B2502873.D



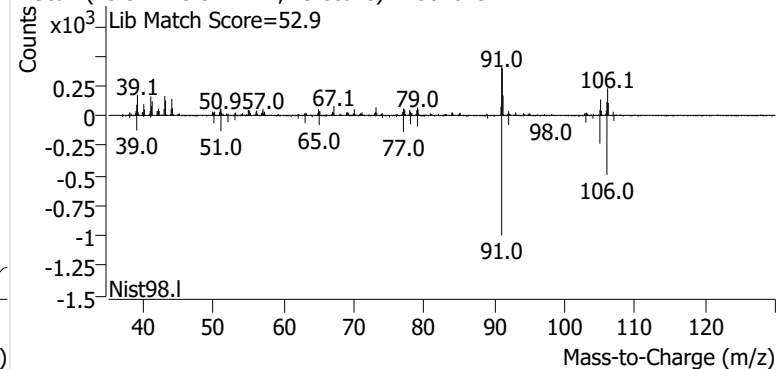
+ Scan (13.152-13.250 min, 16 scans) B2502873.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502873.D

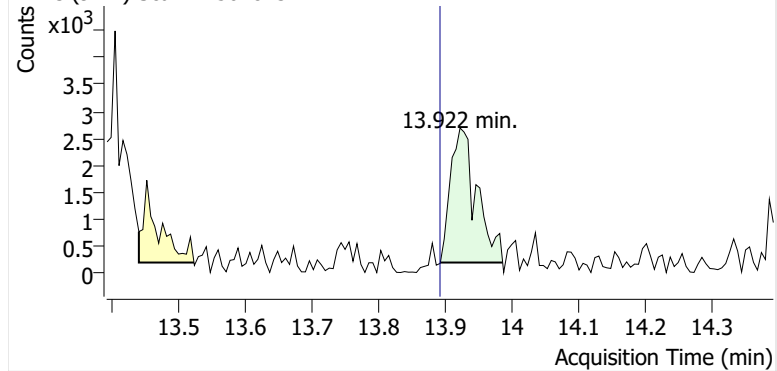


+ Scan (13.347-13.524 min, 29 scans) B2502873.D

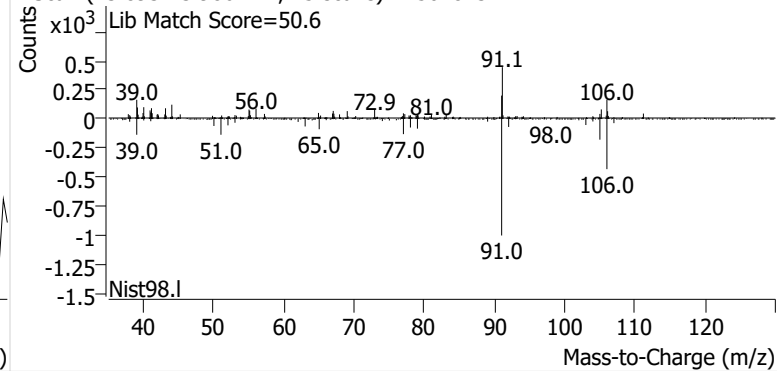


o-Xylene

+ EIC (91.1) Scan B2502873.D

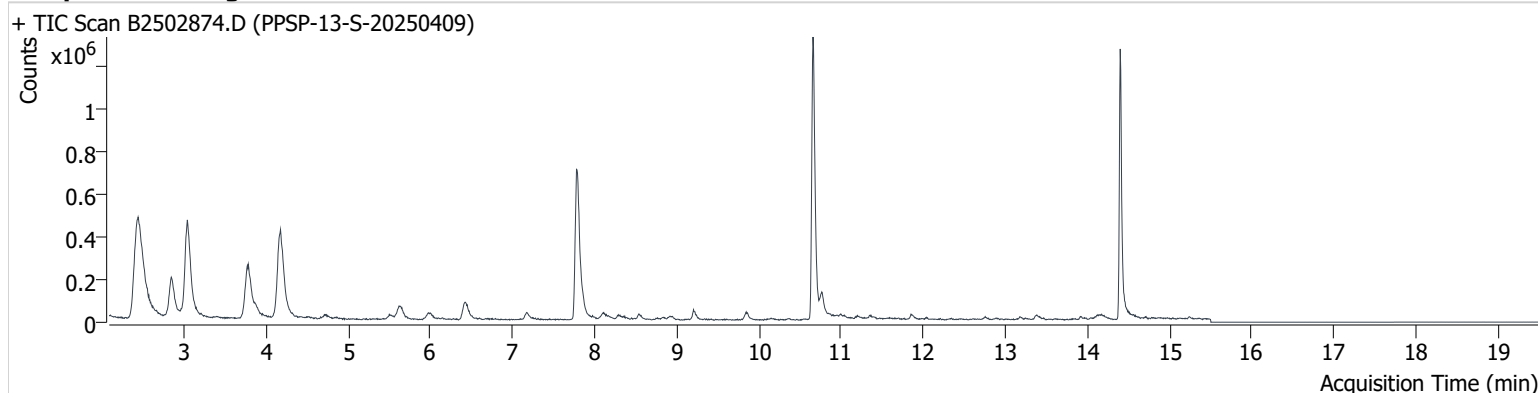


+ Scan (13.893-13.986 min, 15 scans) B2502873.D



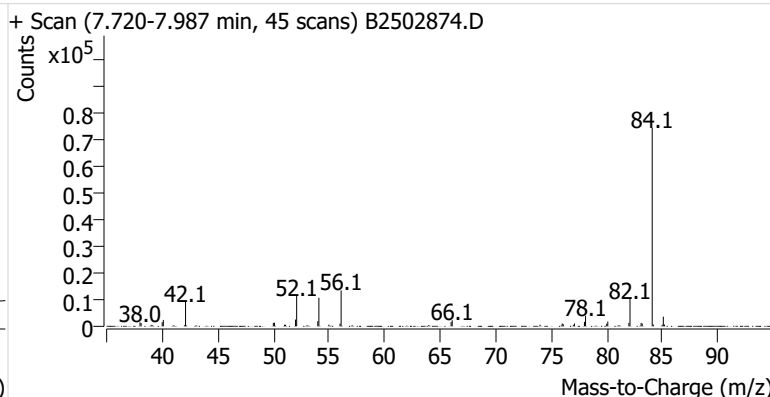
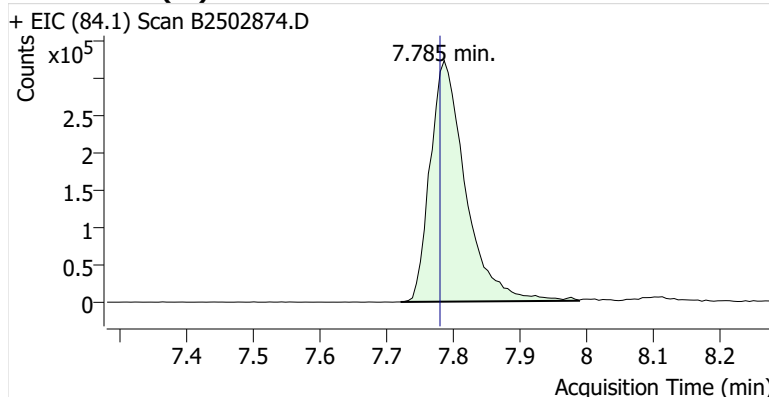
Name PPSP-13-S-20250409
Comment B43690
Data File B2502874.D
Acq. Date-Time 4/27/2025 7:41:34 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

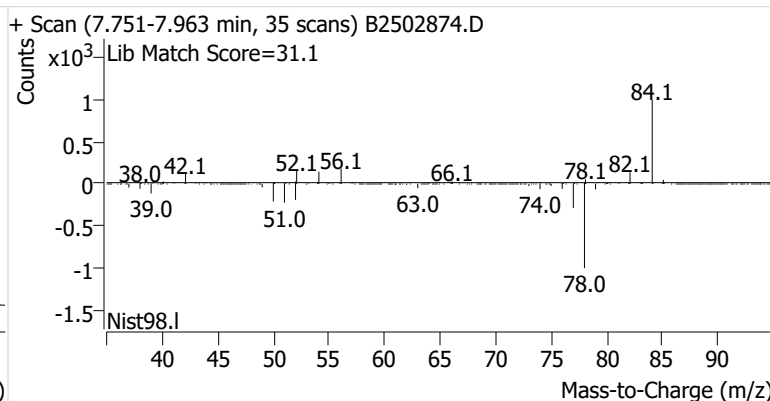
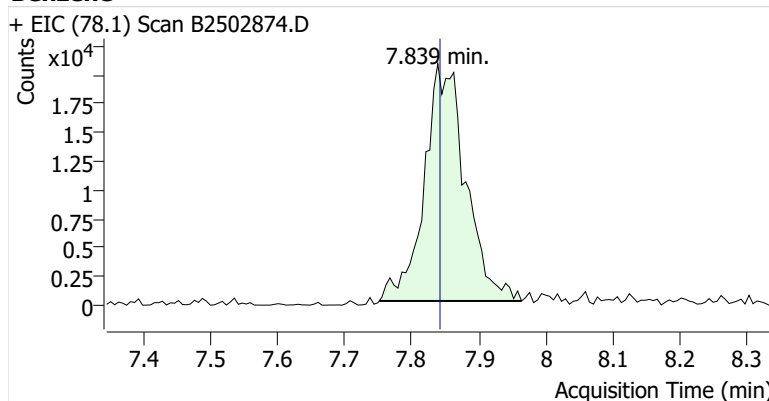


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,183,304	
Benzene	Benzene-d6 (IS)	7.839	7.842	88,066	
Toluene-d8 (IS)		10.658	10.652	1,261,614	
Toluene	Toluene-d8 (IS)	10.765	10.758	93,398	
Ethylbenzene	Toluene-d8 (IS)	13.175	13.156	13,230	m
m-/p-Xylenes	Toluene-d8 (IS)	13.388	13.370	25,249	
o-Xylene	Toluene-d8 (IS)	13.922	13.892	9,298	

Benzene-d6 (IS)

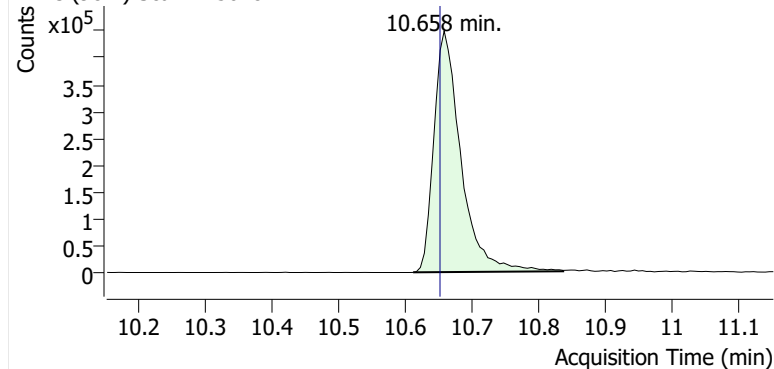


Benzene

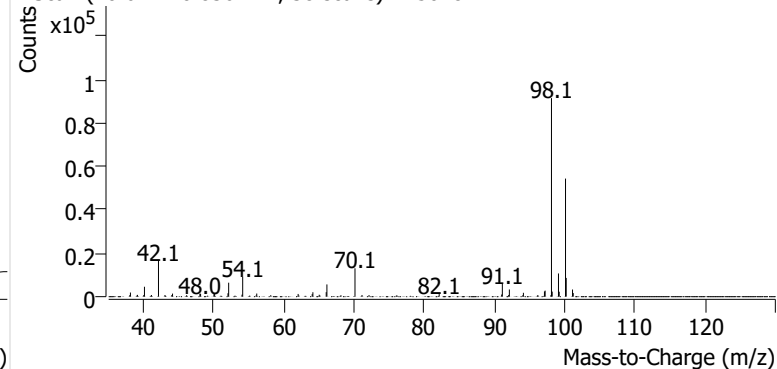


Toluene-d8 (IS)

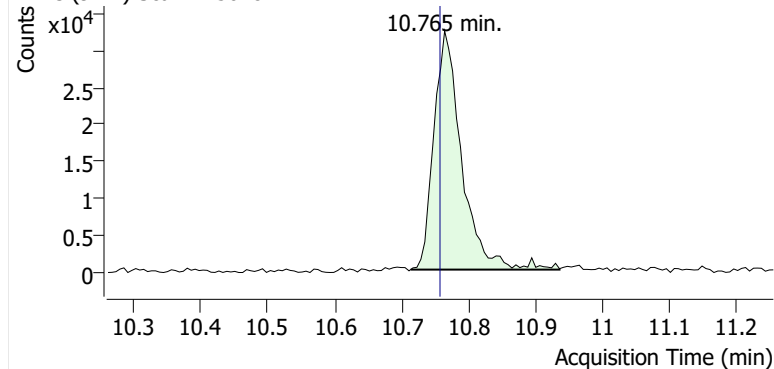
+ EIC (98.1) Scan B2502874.D



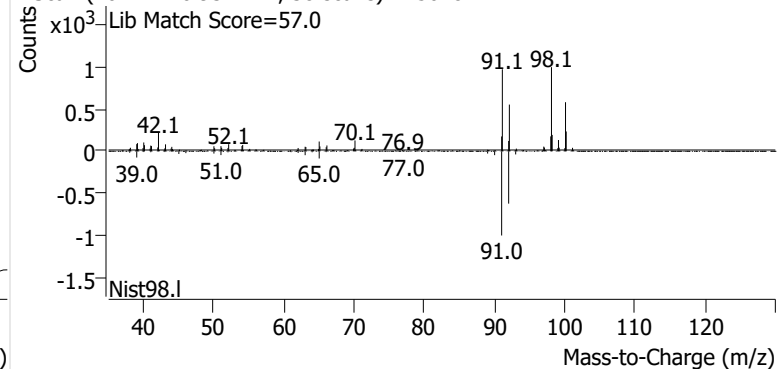
+ Scan (10.611-10.836 min, 38 scans) B2502874.D

**Toluene**

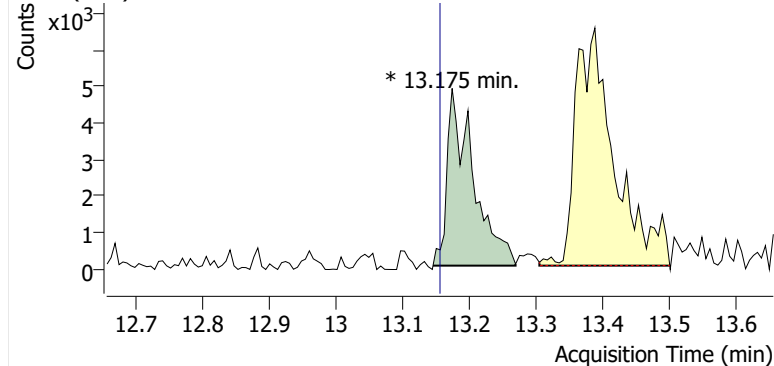
+ EIC (91.1) Scan B2502874.D



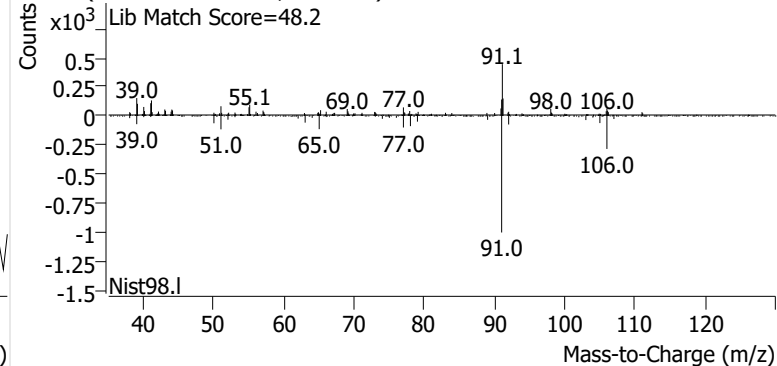
+ Scan (10.714-10.937 min, 38 scans) B2502874.D

**Ethylbenzene**

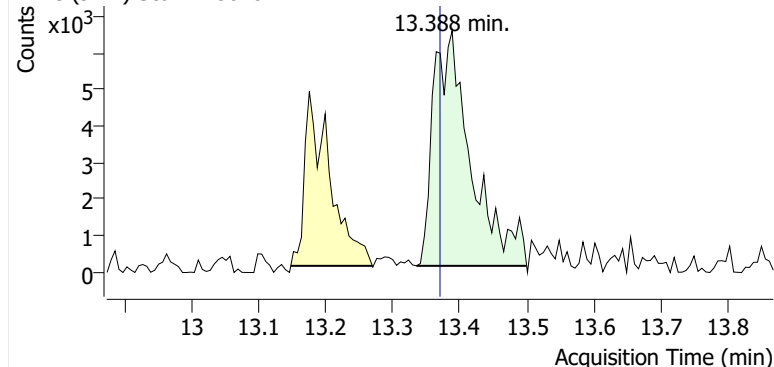
+ EIC (91.1) Scan B2502874.D



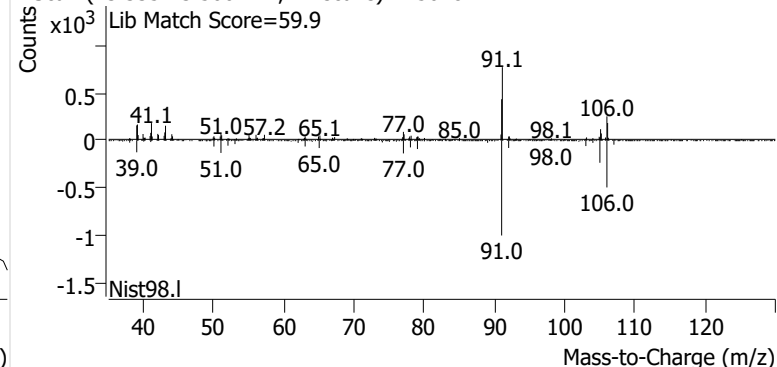
+ Scan (13.146-13.270 min, 21 scans) B2502874.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502874.D

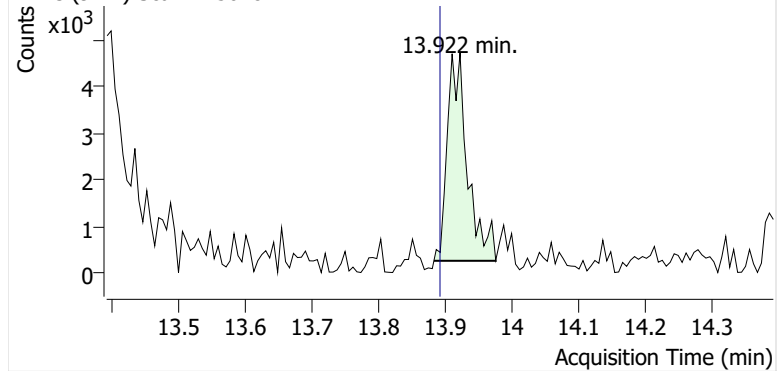


+ Scan (13.335-13.500 min, 27 scans) B2502874.D

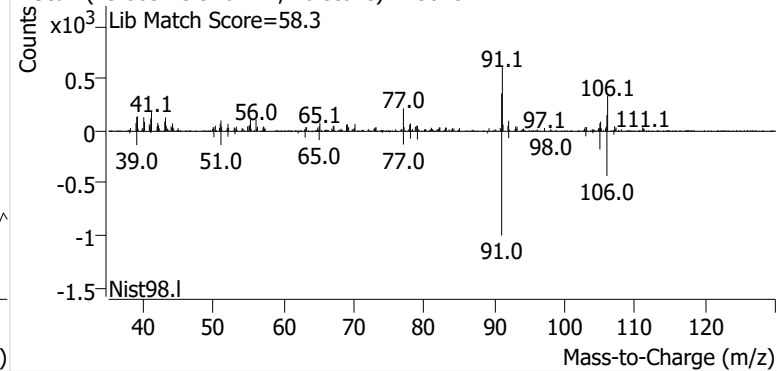


o-Xylene

+ EIC (91.1) Scan B2502874.D

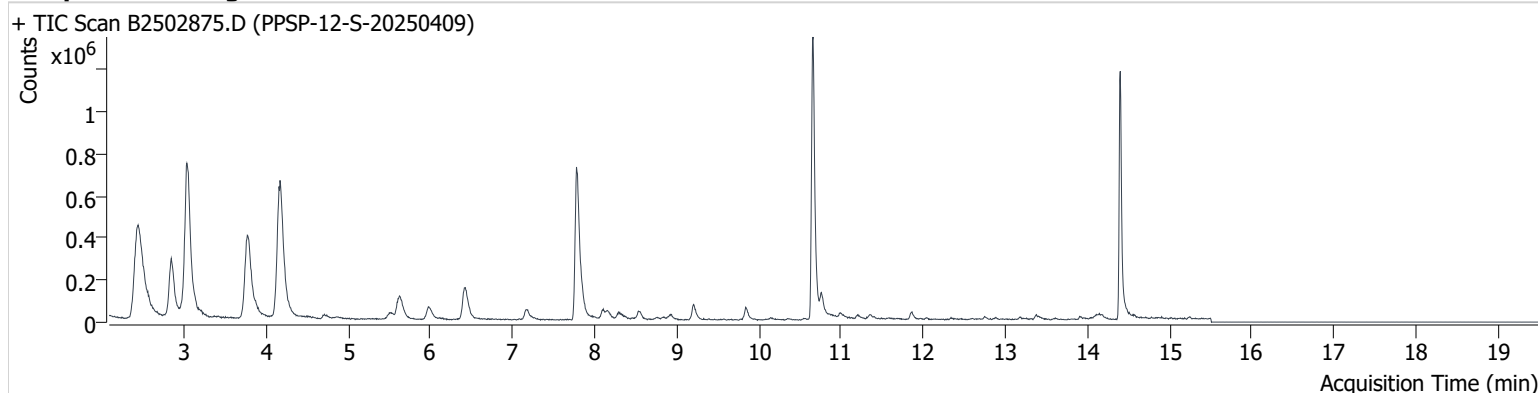


+ Scan (13.883-13.976 min, 16 scans) B2502874.D



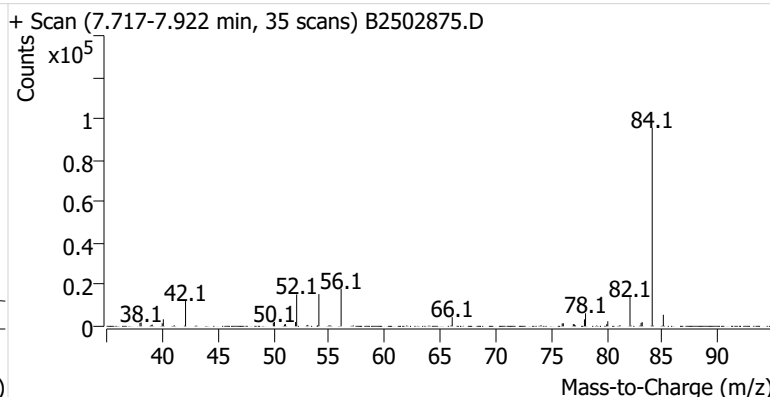
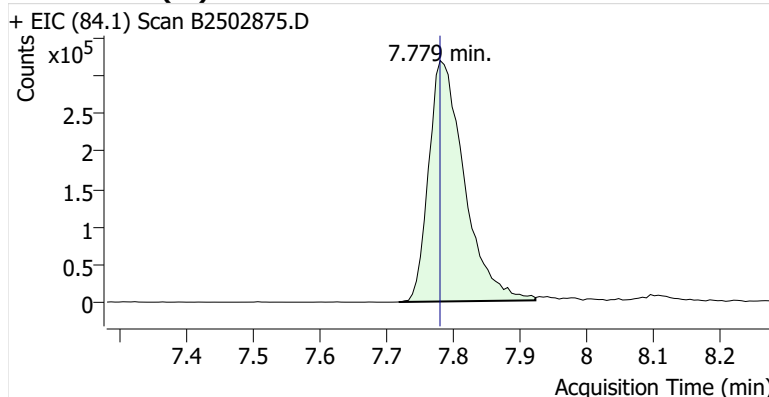
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Comment B18569
Data File B2502875.D
Acq. Date-Time 4/27/2025 8:18:53 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

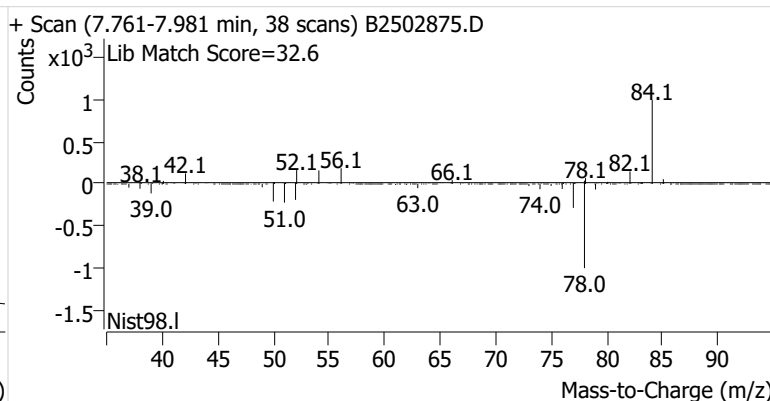
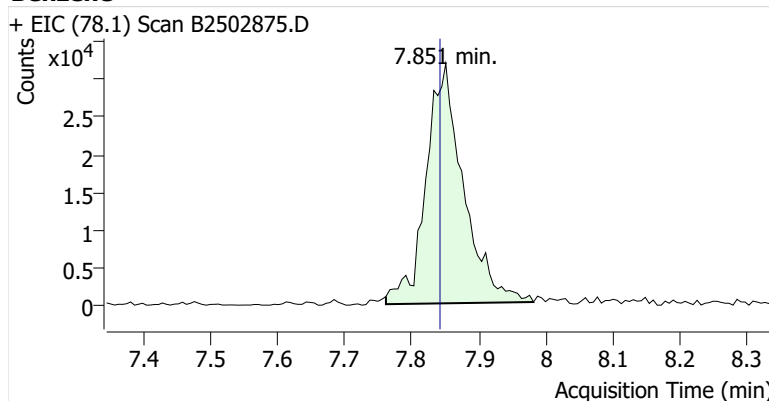


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.779	7.779	1,187,293	
Benzene	Benzene-d6 (IS)	7.851	7.842	123,757	
Toluene-d8 (IS)		10.658	10.652	1,268,739	
Toluene	Toluene-d8 (IS)	10.759	10.758	95,295	
Ethylbenzene	Toluene-d8 (IS)	13.180	13.156	10,279	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	23,986	m
o-Xylene	Toluene-d8 (IS)	13.916	13.892	9,948	m

Benzene-d6 (IS)

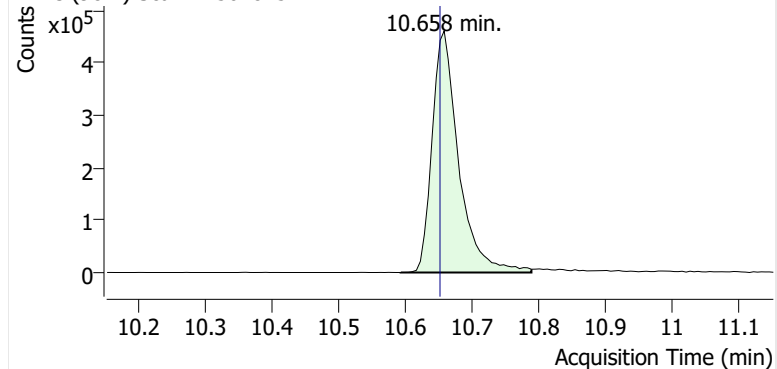


Benzene

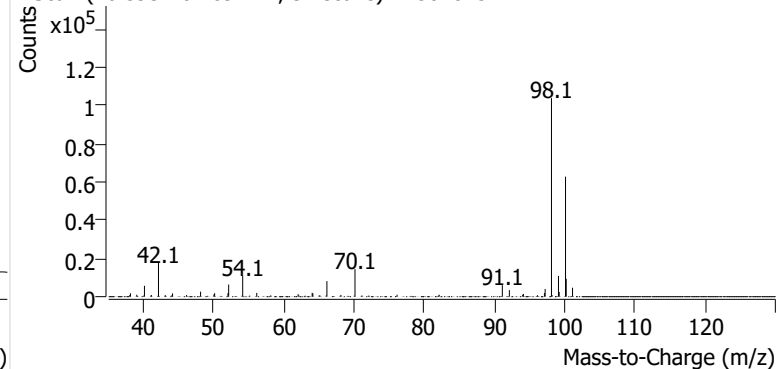


Toluene-d8 (IS)

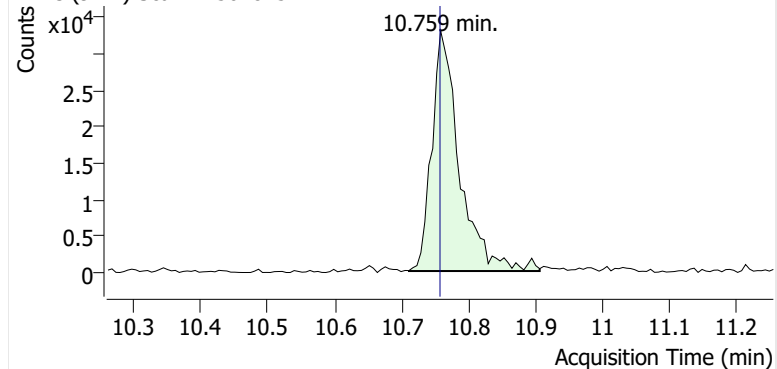
+ EIC (98.1) Scan B2502875.D



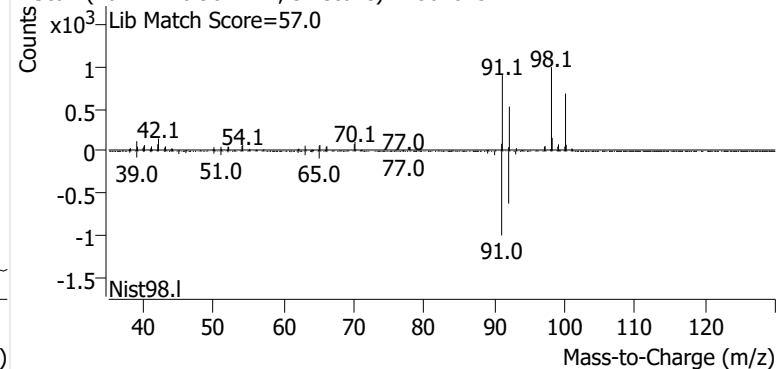
+ Scan (10.593-10.789 min, 34 scans) B2502875.D

**Toluene**

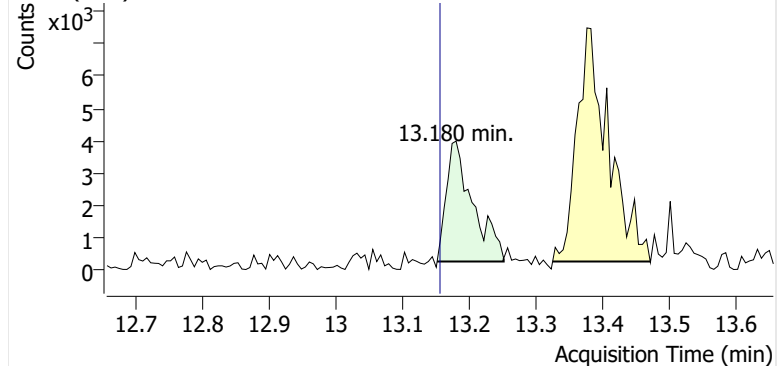
+ EIC (91.1) Scan B2502875.D



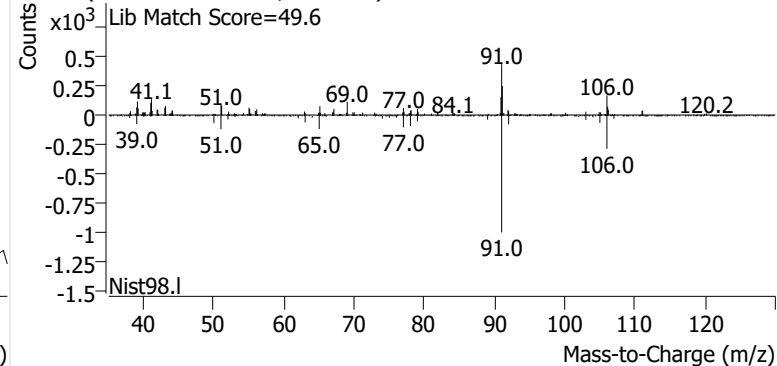
+ Scan (10.711-10.907 min, 34 scans) B2502875.D

**Ethylbenzene**

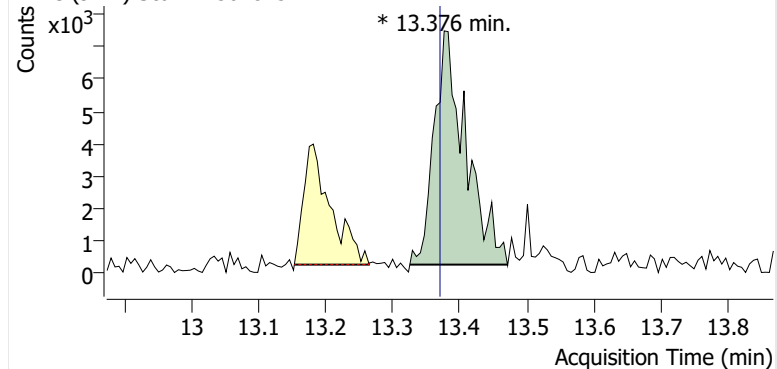
+ EIC (91.1) Scan B2502875.D



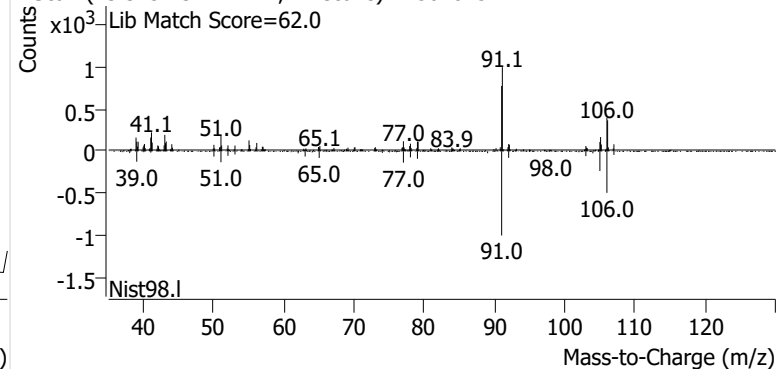
+ Scan (13.152-13.252 min, 17 scans) B2502875.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502875.D

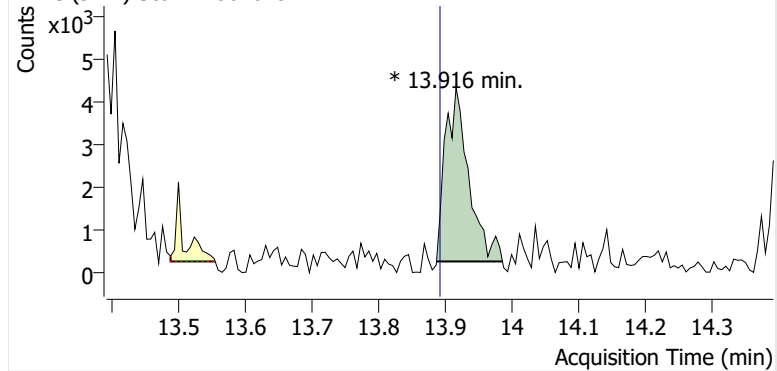


+ Scan (13.325-13.471 min, 24 scans) B2502875.D

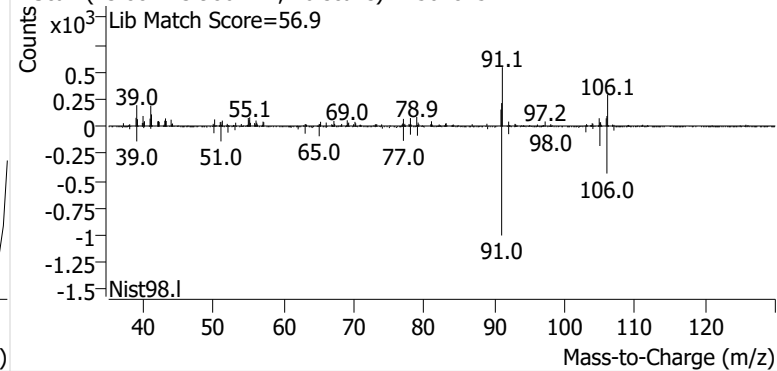


o-Xylene

+ EIC (91.1) Scan B2502875.D

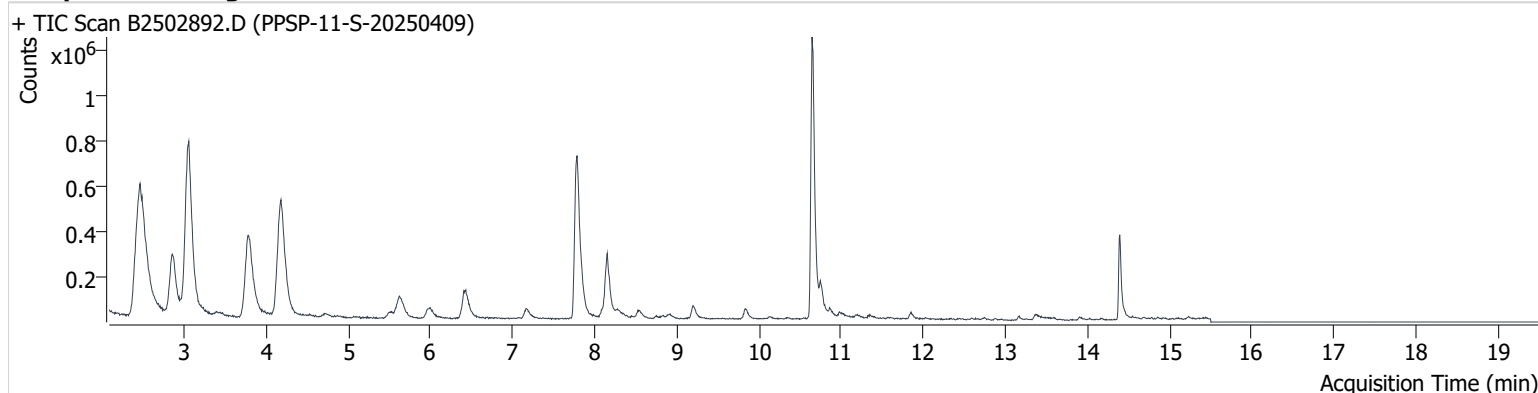


+ Scan (13.887-13.986 min, 16 scans) B2502875.D



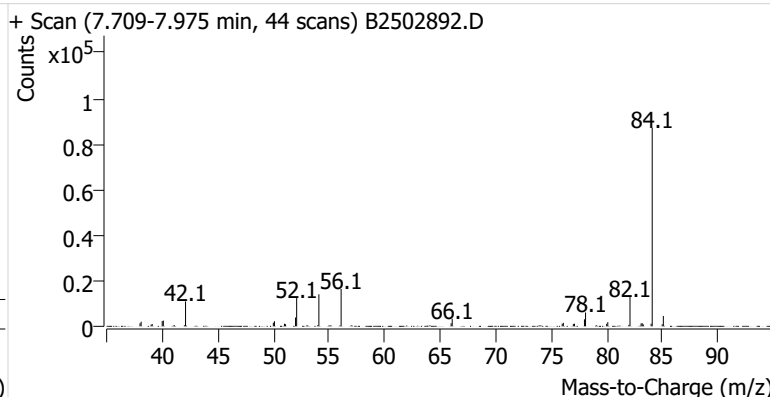
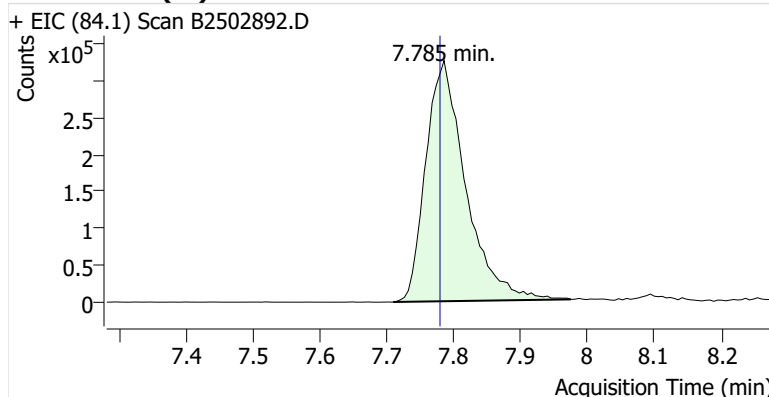
Name PPSP-11-S-20250409
Comment B17539; Recollect
Data File B2502892.D
Acq. Date-Time 4/28/2025 9:26:00 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

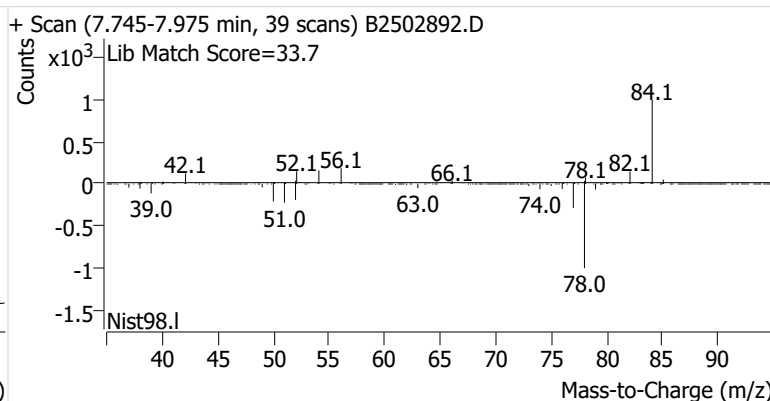
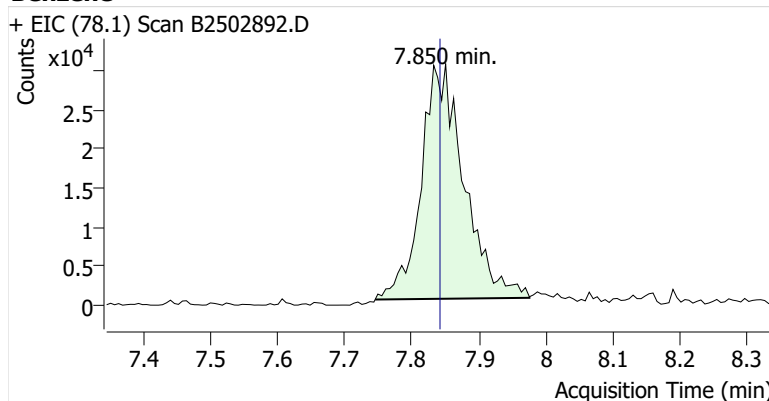


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,352,016	
Benzene	Benzene-d6 (IS)	7.850	7.842	133,092	
Toluene-d8 (IS)		10.646	10.652	1,346,245	
Toluene	Toluene-d8 (IS)	10.753	10.758	108,668	
Ethylbenzene	Toluene-d8 (IS)	13.168	13.156	17,702	
m-/p-Xylenes	Toluene-d8 (IS)	13.382	13.370	26,309	
o-Xylene	Toluene-d8 (IS)	13.904	13.892	12,283	

Benzene-d6 (IS)

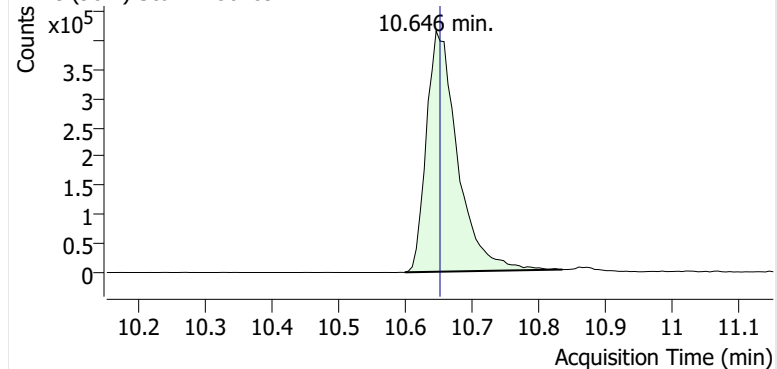


Benzene

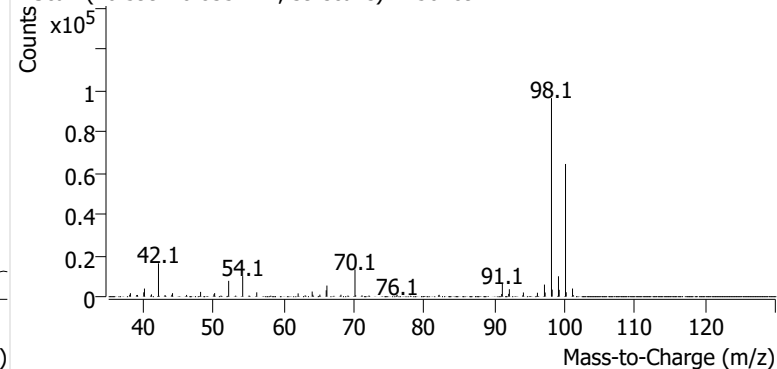


Toluene-d8 (IS)

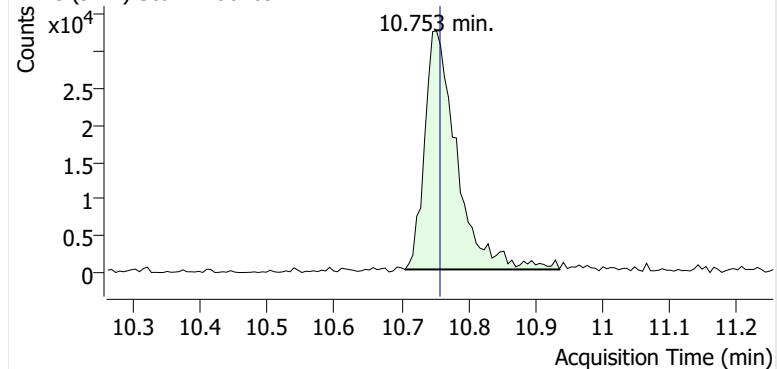
+ EIC (98.1) Scan B2502892.D



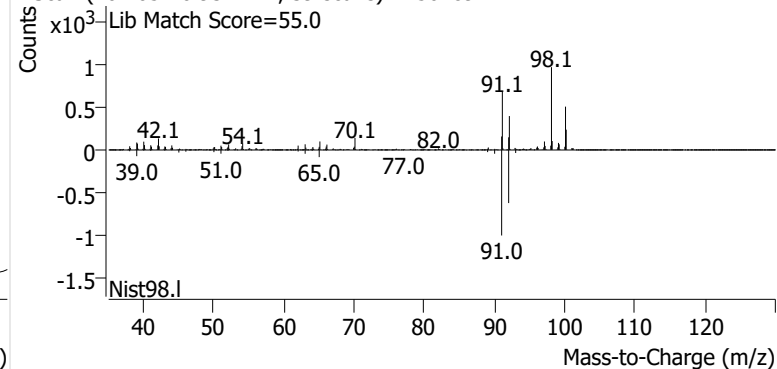
+ Scan (10.599-10.835 min, 39 scans) B2502892.D

**Toluene**

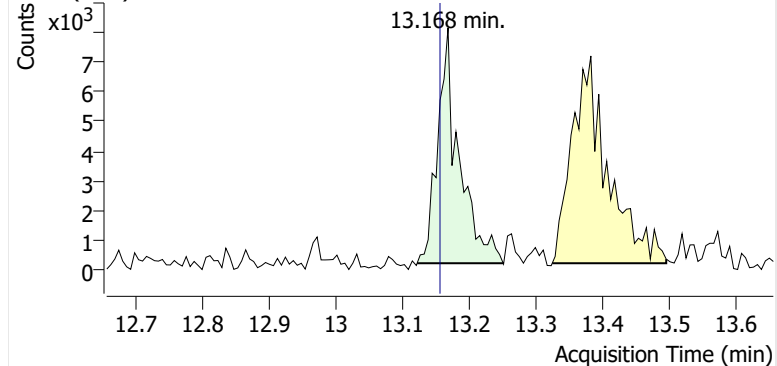
+ EIC (91.1) Scan B2502892.D



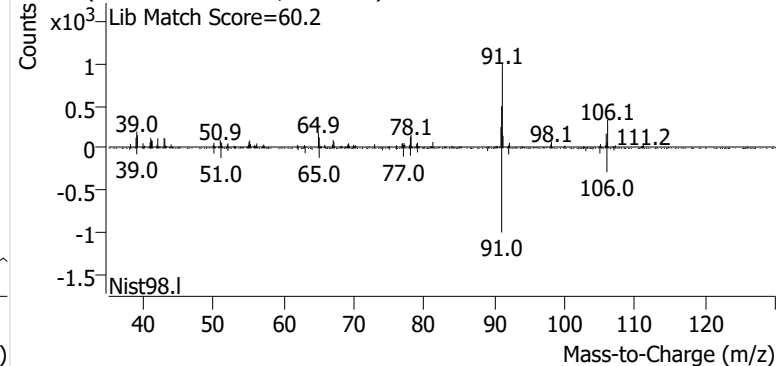
+ Scan (10.705-10.937 min, 39 scans) B2502892.D

**Ethylbenzene**

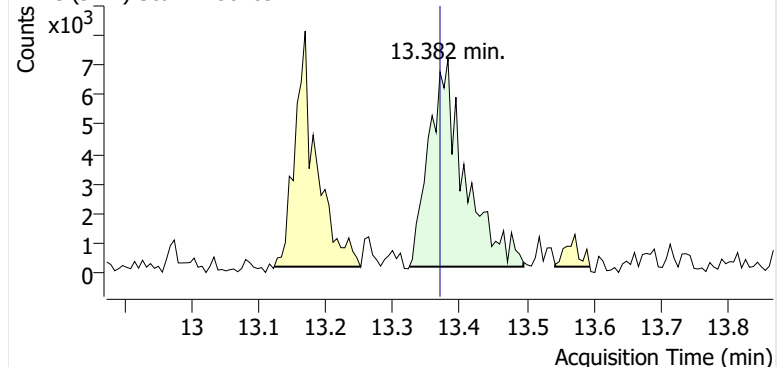
+ EIC (91.1) Scan B2502892.D



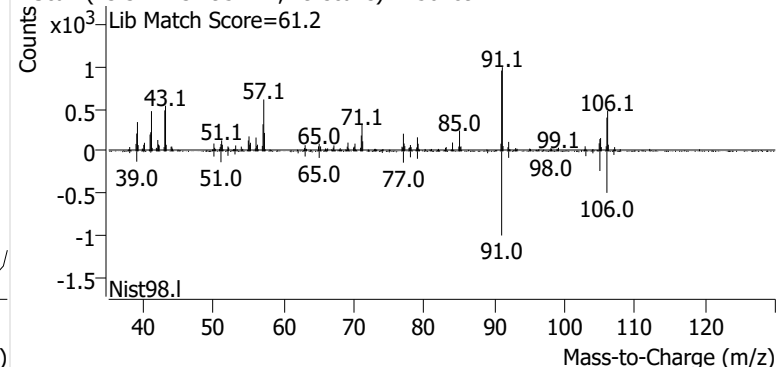
+ Scan (13.122-13.251 min, 21 scans) B2502892.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502892.D

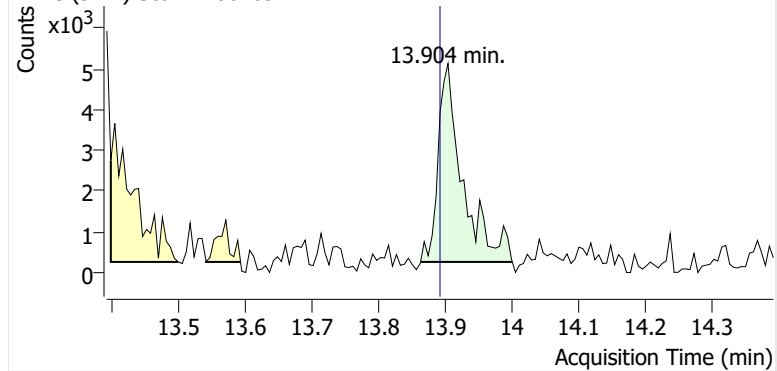


+ Scan (13.324-13.495 min, 29 scans) B2502892.D

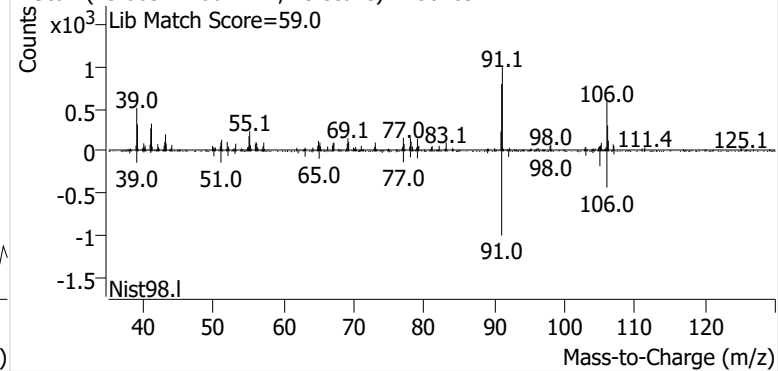


o-Xylene

+ EIC (91.1) Scan B2502892.D

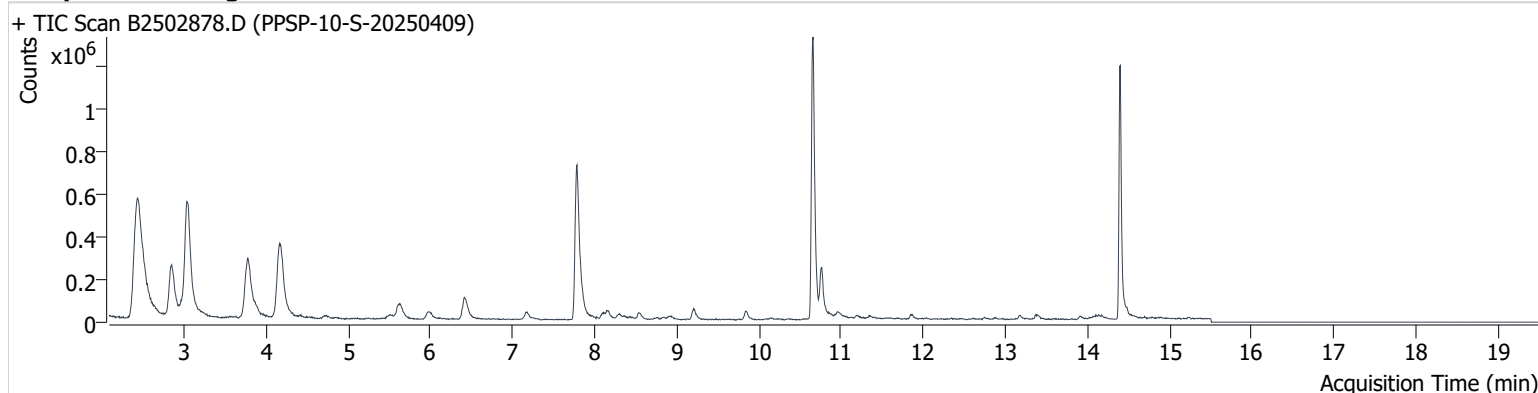


+ Scan (13.863-14.001 min, 23 scans) B2502892.D



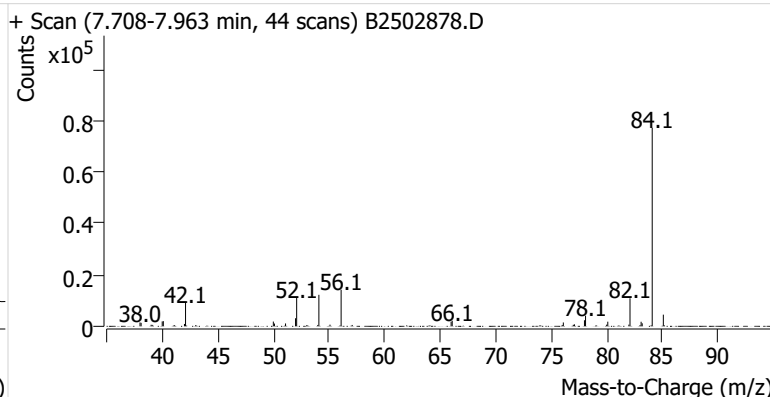
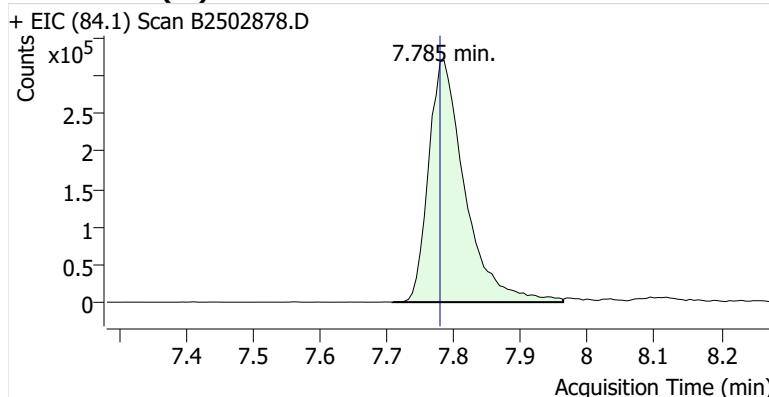
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Comment C34149
Data File B2502878.D
Acq. Date-Time 4/27/2025 10:10:50 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

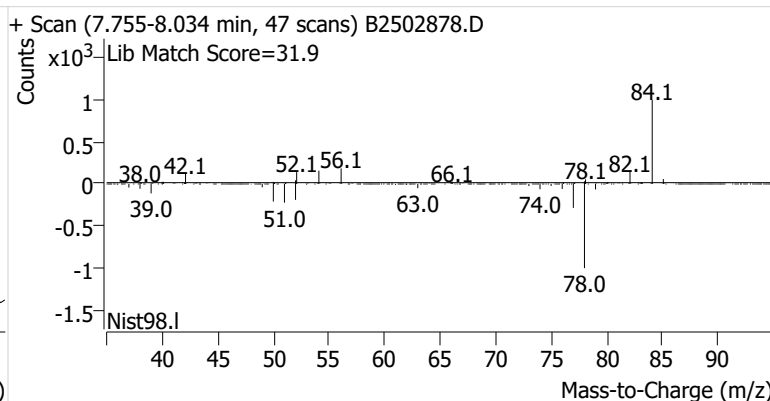
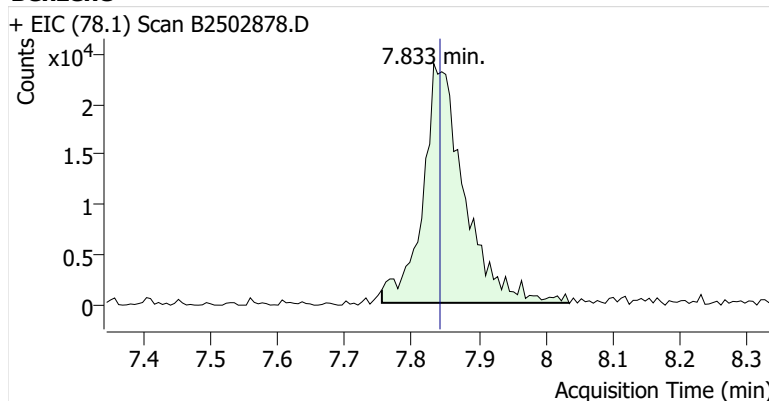


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,215,538	
Benzene	Benzene-d6 (IS)	7.833	7.842	102,586	
Toluene-d8 (IS)		10.658	10.652	1,275,077	
Toluene	Toluene-d8 (IS)	10.765	10.758	220,998	
Ethylbenzene	Toluene-d8 (IS)	13.169	13.156	17,438	
m-/p-Xylenes	Toluene-d8 (IS)	13.382	13.370	25,969	
o-Xylene	Toluene-d8 (IS)	13.910	13.892	10,678	

Benzene-d6 (IS)

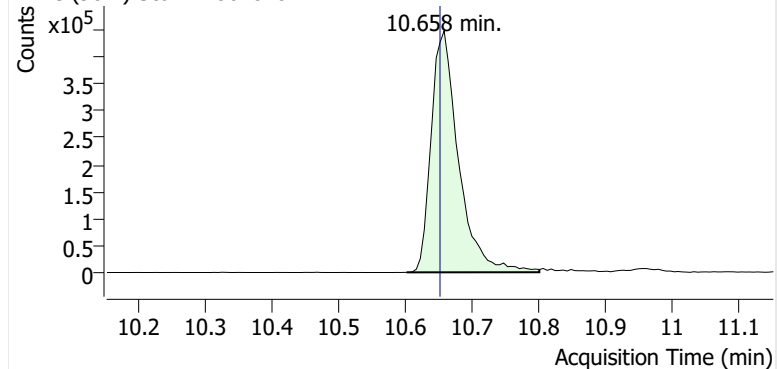


Benzene

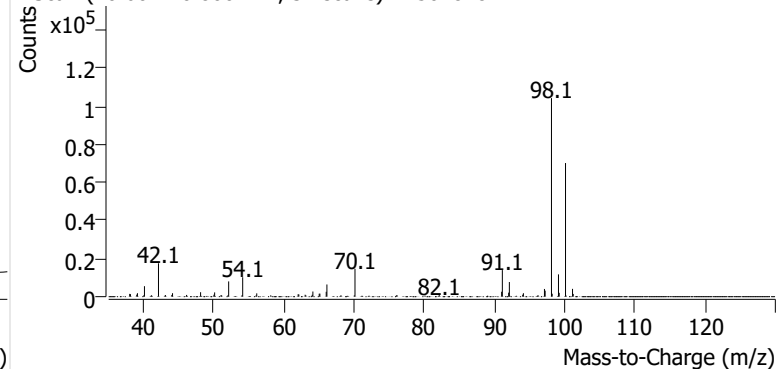


Toluene-d8 (IS)

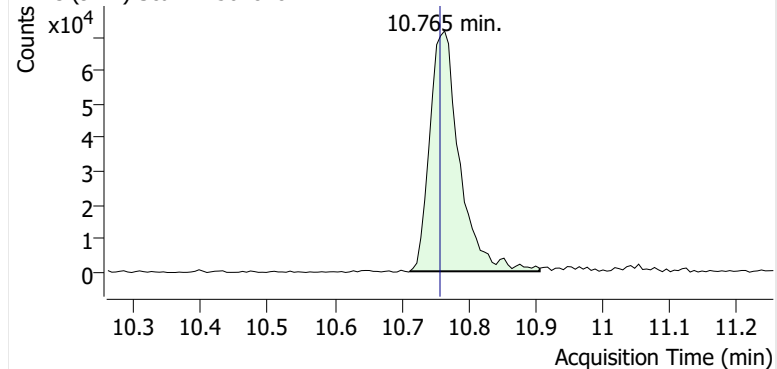
+ EIC (98.1) Scan B2502878.D



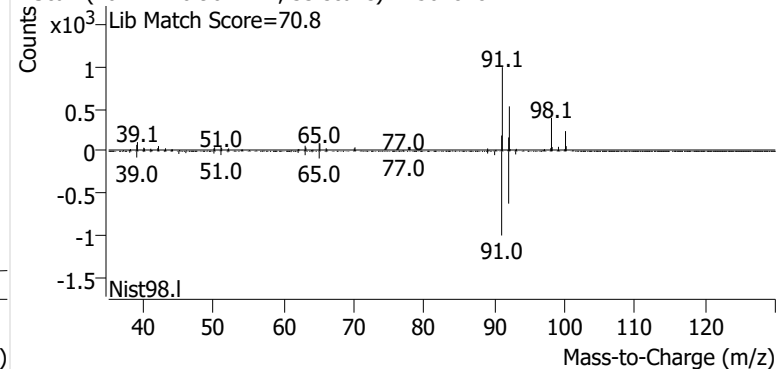
+ Scan (10.602-10.800 min, 34 scans) B2502878.D

**Toluene**

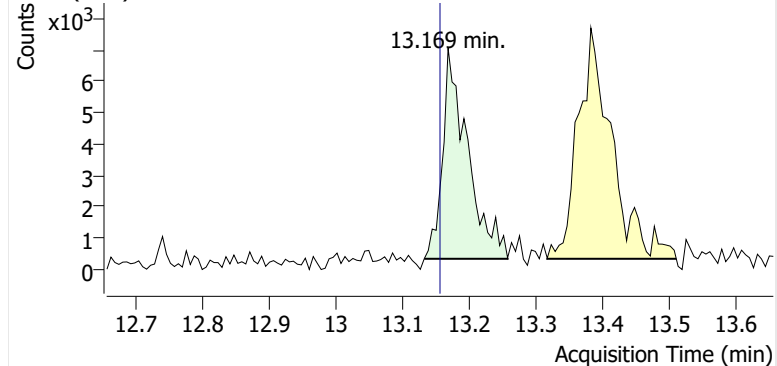
+ EIC (91.1) Scan B2502878.D



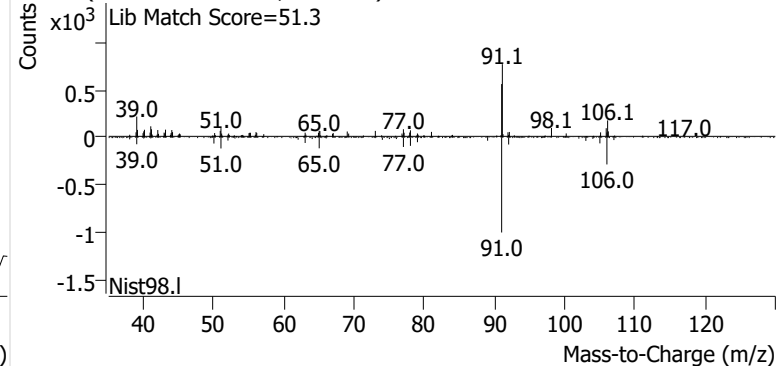
+ Scan (10.712-10.907 min, 33 scans) B2502878.D

**Ethylbenzene**

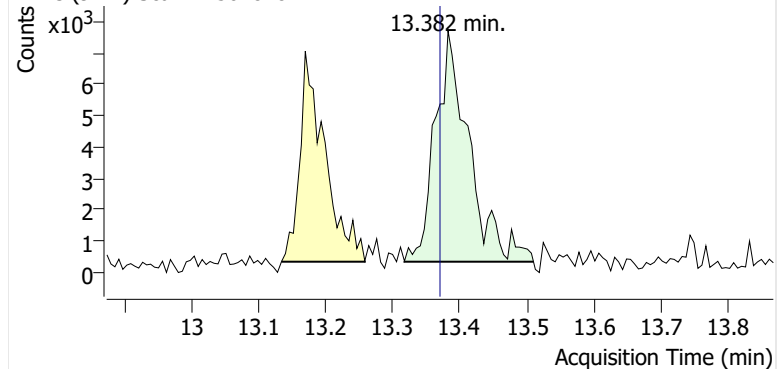
+ EIC (91.1) Scan B2502878.D



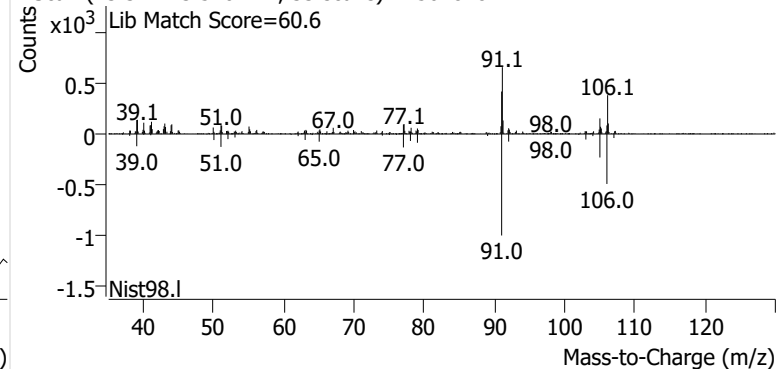
+ Scan (13.133-13.258 min, 22 scans) B2502878.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502878.D

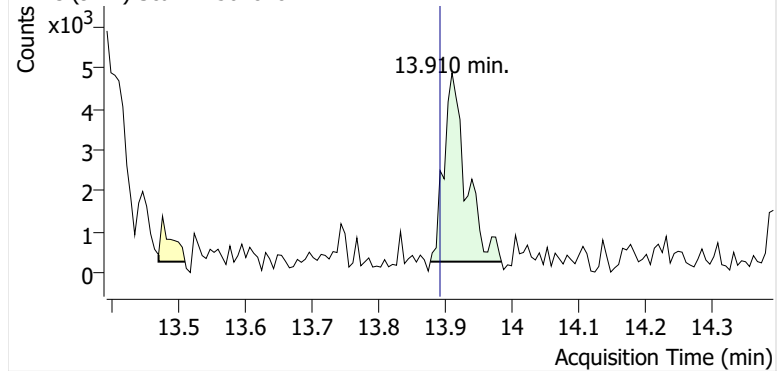


+ Scan (13.317-13.510 min, 33 scans) B2502878.D

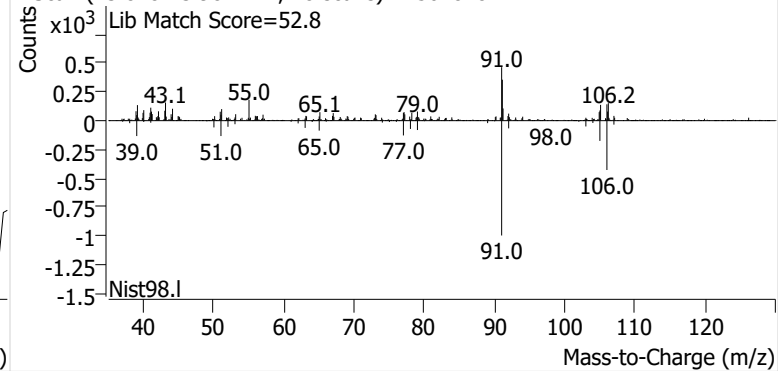


o-Xylene

+ EIC (91.1) Scan B2502878.D

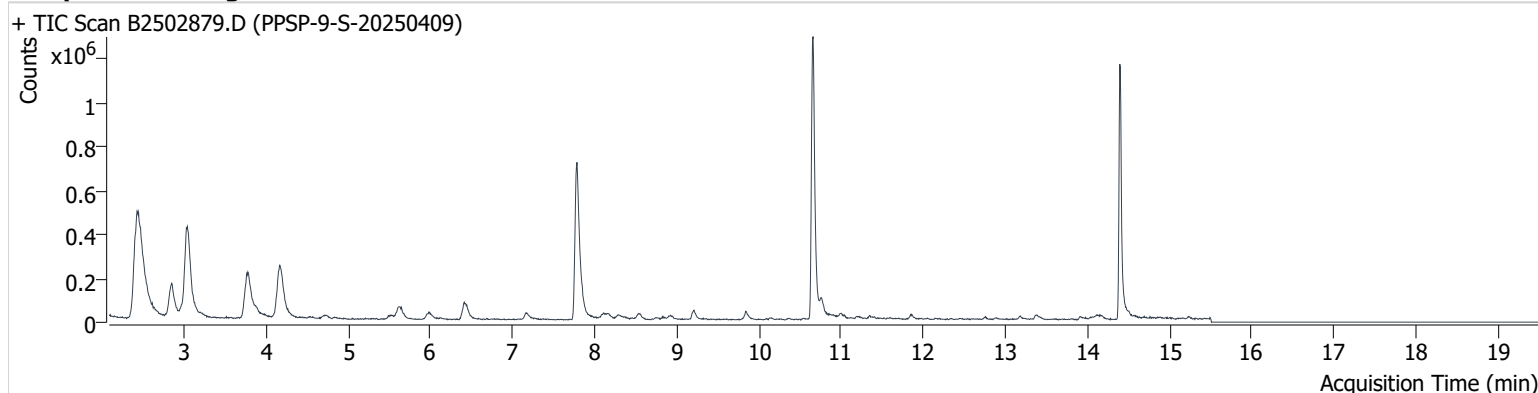


+ Scan (13.878-13.984 min, 18 scans) B2502878.D



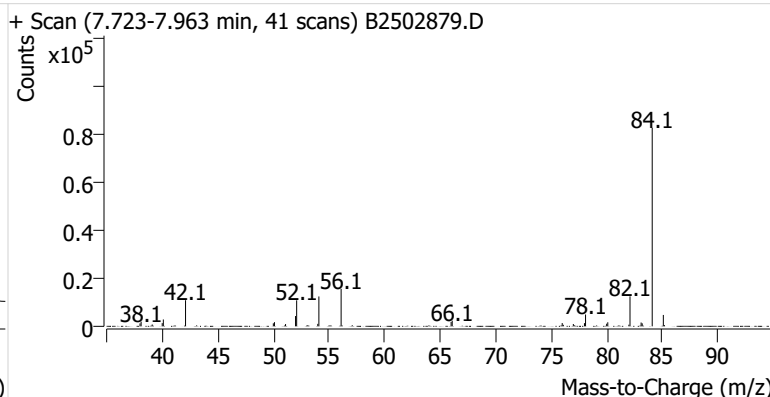
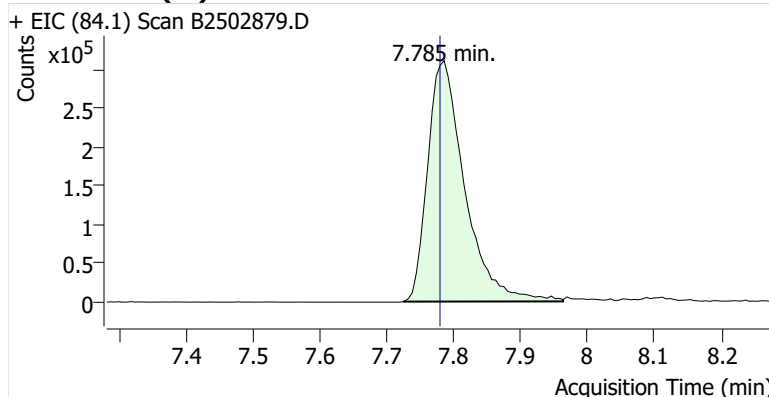
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Comment B45046
Data File B2502879.D
Acq. Date-Time 4/27/2025 10:48:08 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

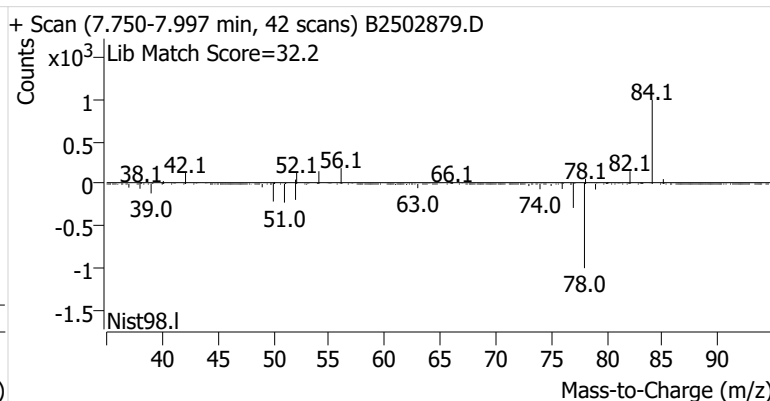
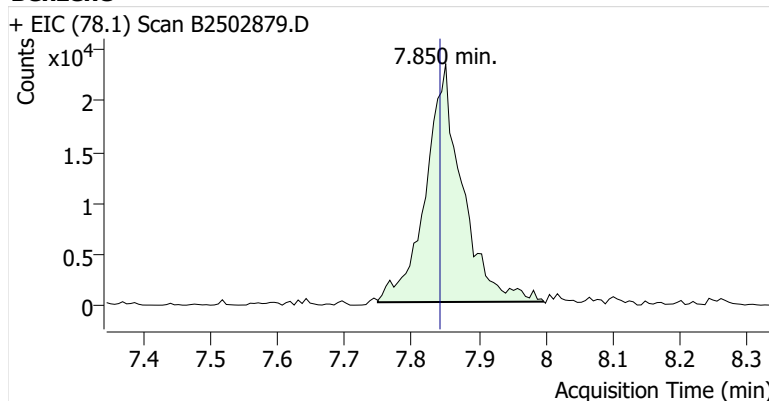


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,195,829	
Benzene	Benzene-d6 (IS)	7.850	7.842	88,953	
Toluene-d8 (IS)		10.658	10.652	1,216,282	
Toluene	Toluene-d8 (IS)	10.765	10.758	58,415	
Ethylbenzene	Toluene-d8 (IS)	13.169	13.156	15,571	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	24,255	
o-Xylene	Toluene-d8 (IS)	13.910	13.892	10,377	

Benzene-d6 (IS)

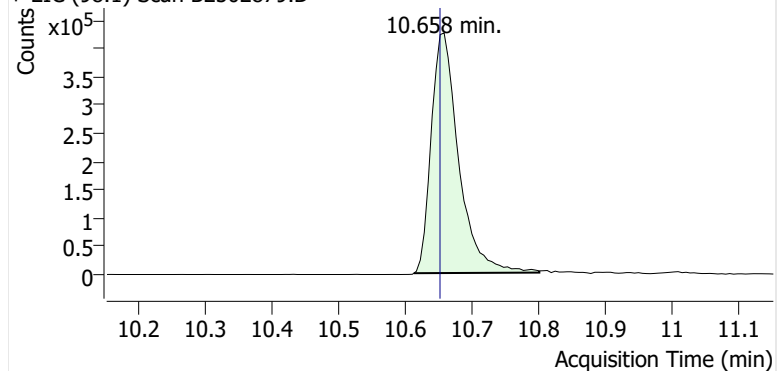


Benzene

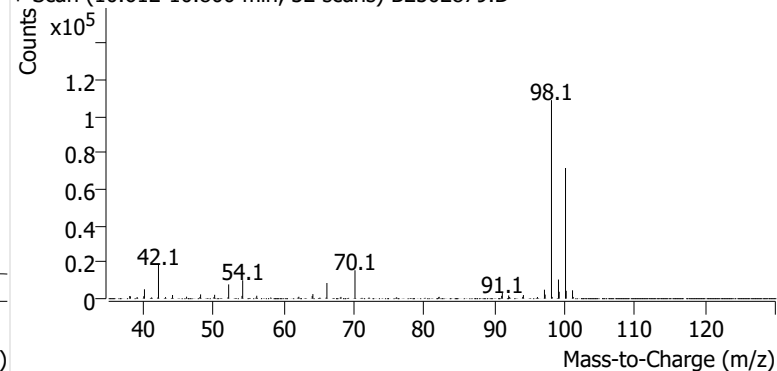


Toluene-d8 (IS)

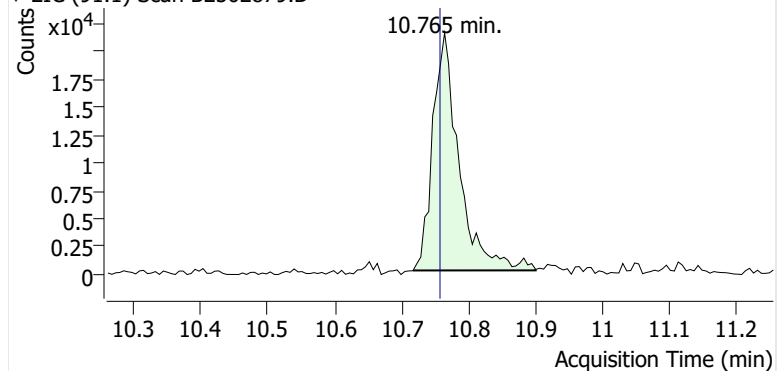
+ EIC (98.1) Scan B2502879.D



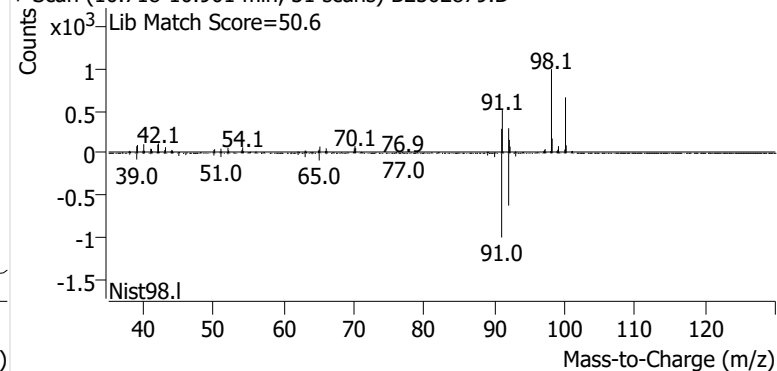
+ Scan (10.612-10.800 min, 32 scans) B2502879.D

**Toluene**

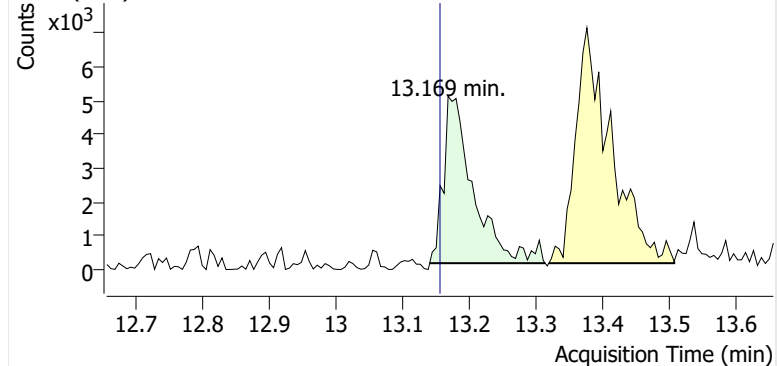
+ EIC (91.1) Scan B2502879.D



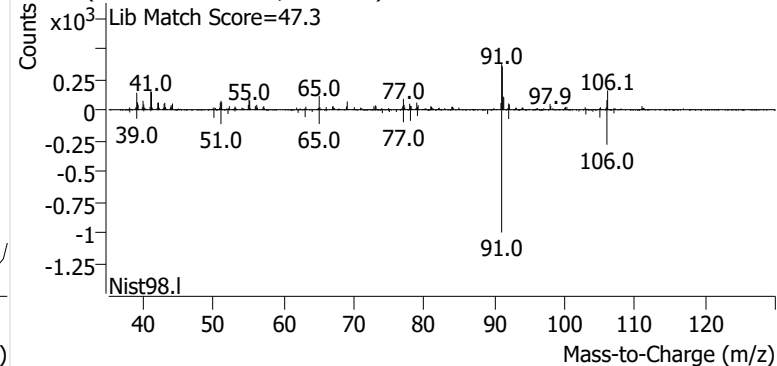
+ Scan (10.718-10.901 min, 31 scans) B2502879.D

**Ethylbenzene**

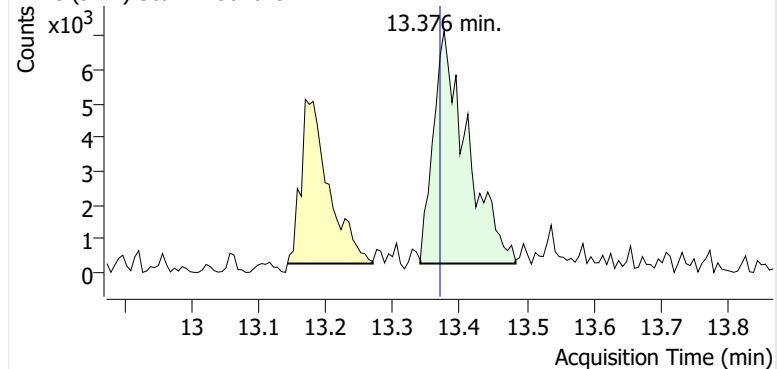
+ EIC (91.1) Scan B2502879.D



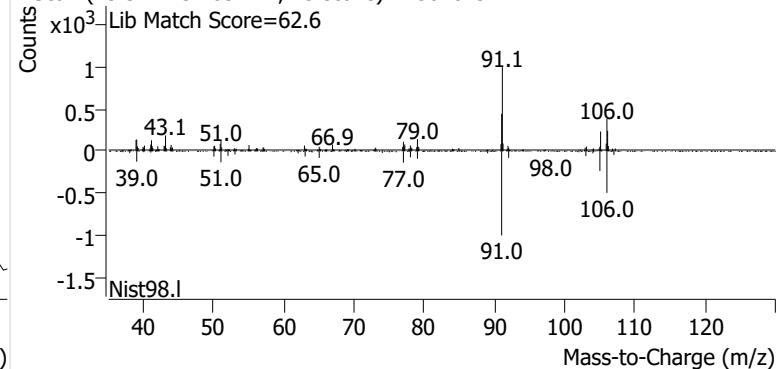
+ Scan (13.141-13.314 min, 29 scans) B2502879.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502879.D

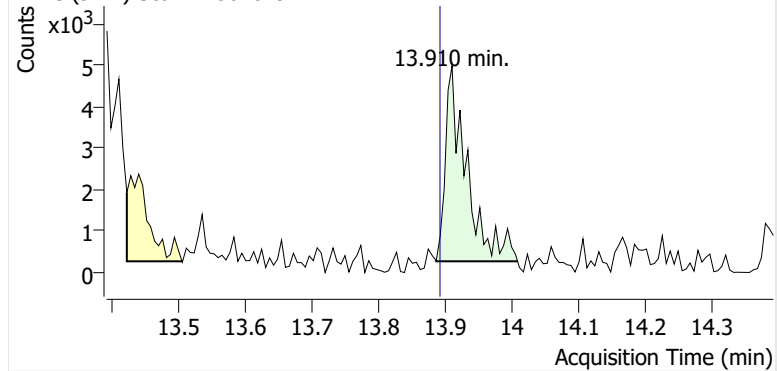


+ Scan (13.341-13.483 min, 25 scans) B2502879.D

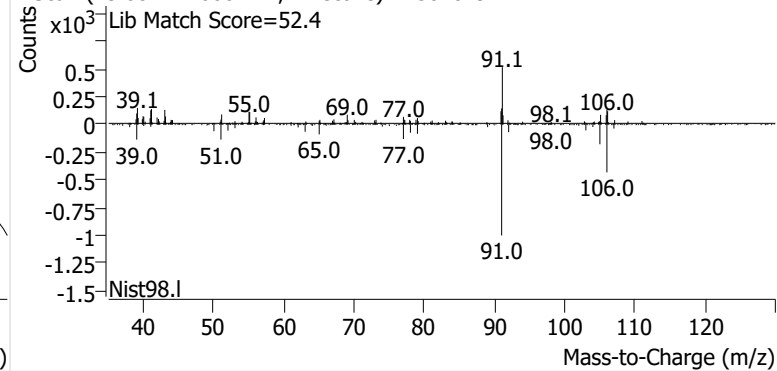


o-Xylene

+ EIC (91.1) Scan B2502879.D

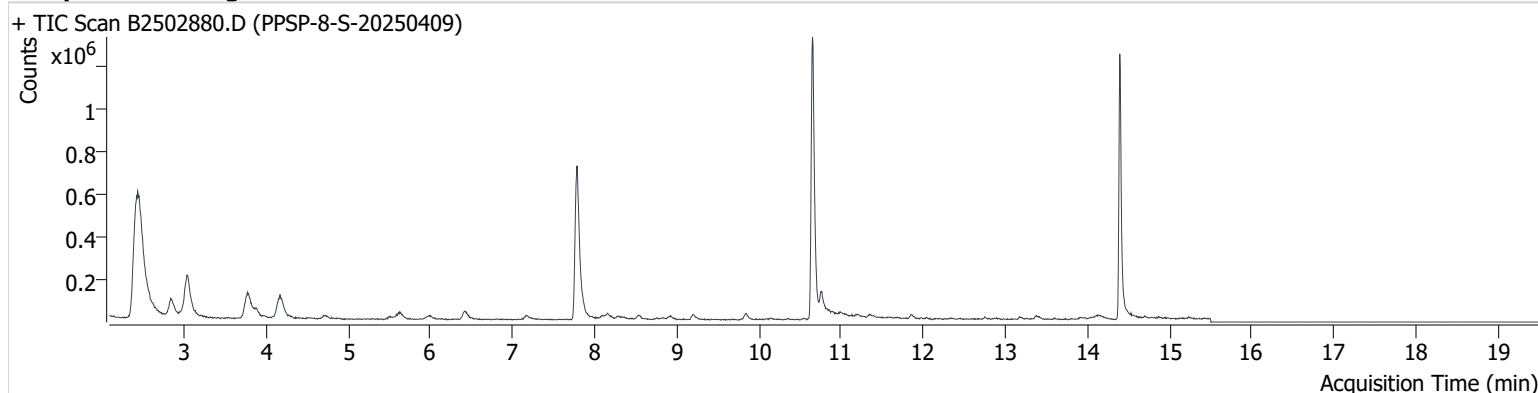


+ Scan (13.887-14.008 min, 21 scans) B2502879.D



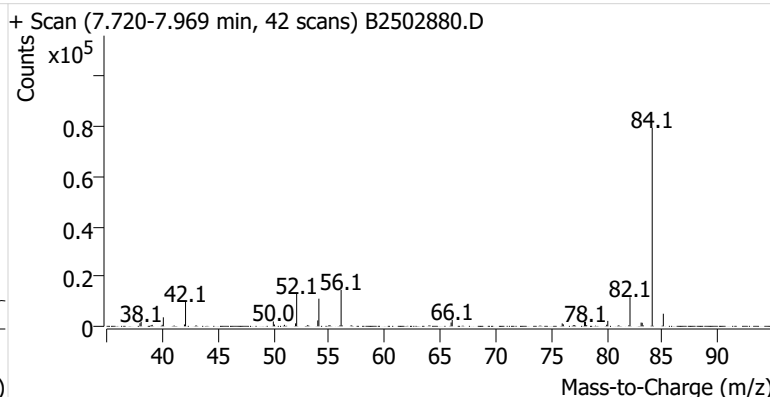
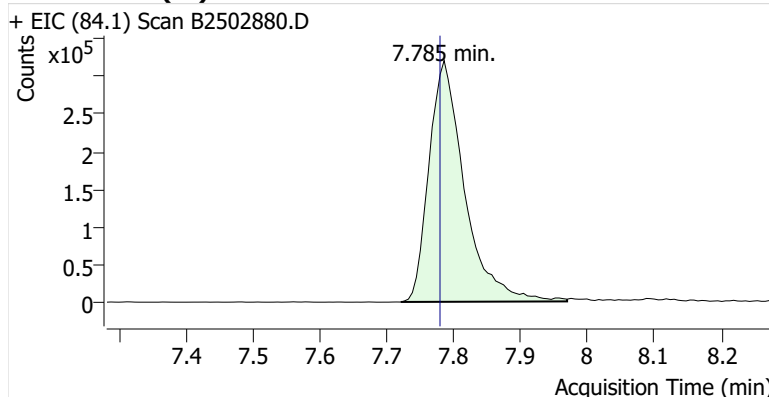
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Comment C38904
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Acq. Date-Time 4/27/2025 11:25:28 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

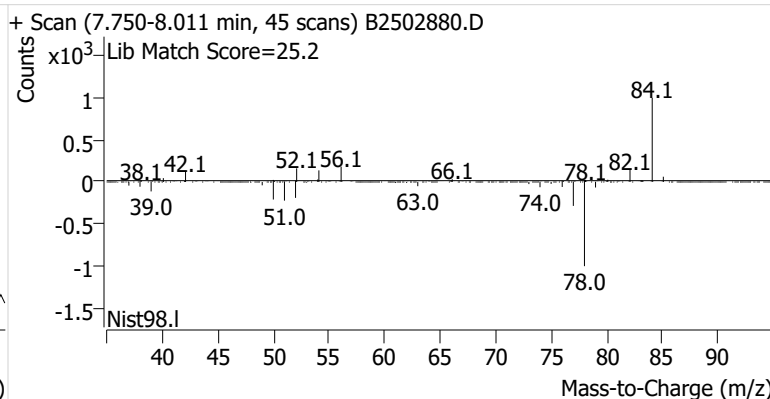
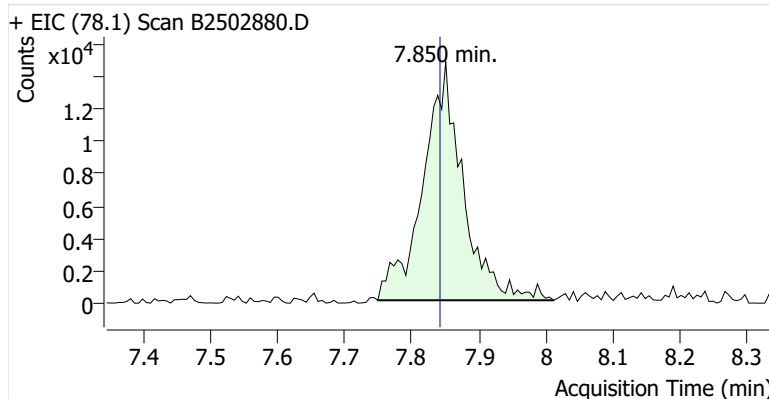


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,184,226	
Benzene	Benzene-d6 (IS)	7.850	7.842	61,252	
Toluene-d8 (IS)		10.658	10.652	1,244,201	
Toluene	Toluene-d8 (IS)	10.765	10.758	77,746	
Ethylbenzene	Toluene-d8 (IS)	13.174	13.156	10,621	
m-/p-Xylenes	Toluene-d8 (IS)	13.376	13.370	21,533	m
o-Xylene	Toluene-d8 (IS)	13.905	13.892	7,023	

Benzene-d6 (IS)

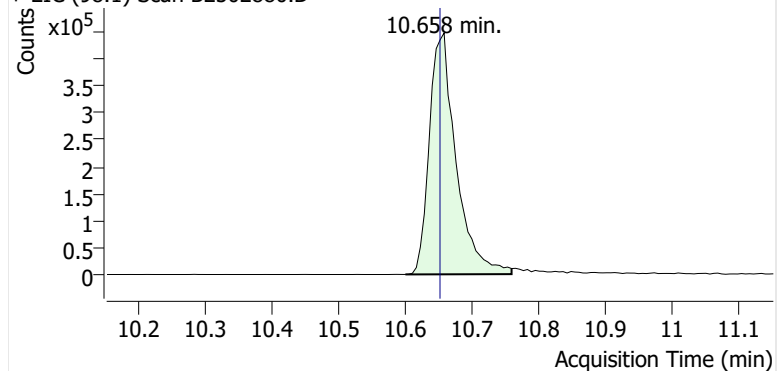


Benzene

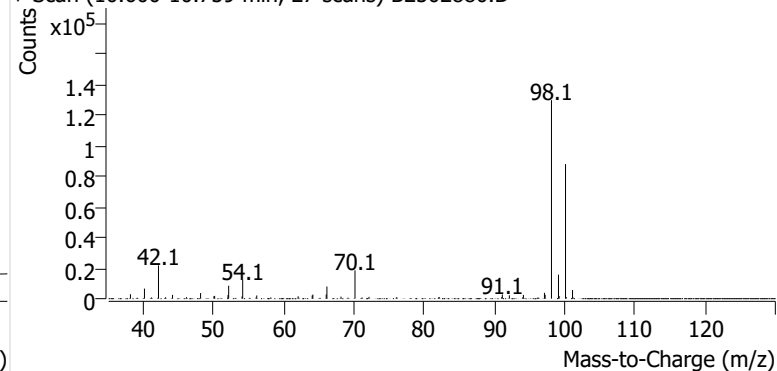


Toluene-d8 (IS)

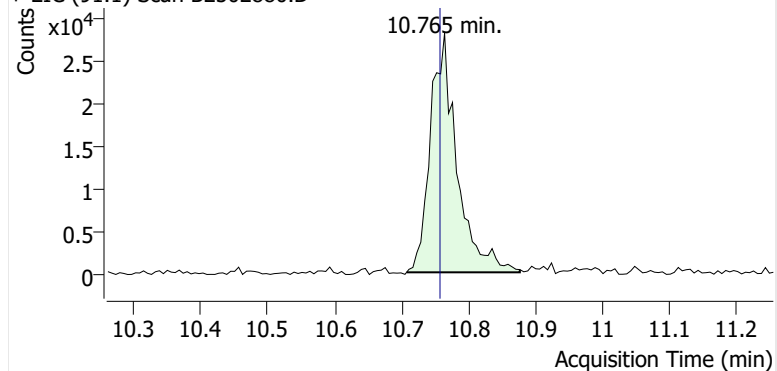
+ EIC (98.1) Scan B2502880.D



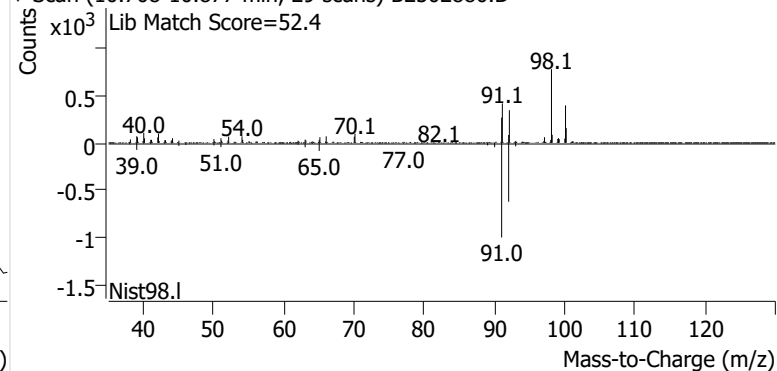
+ Scan (10.600-10.759 min, 27 scans) B2502880.D

**Toluene**

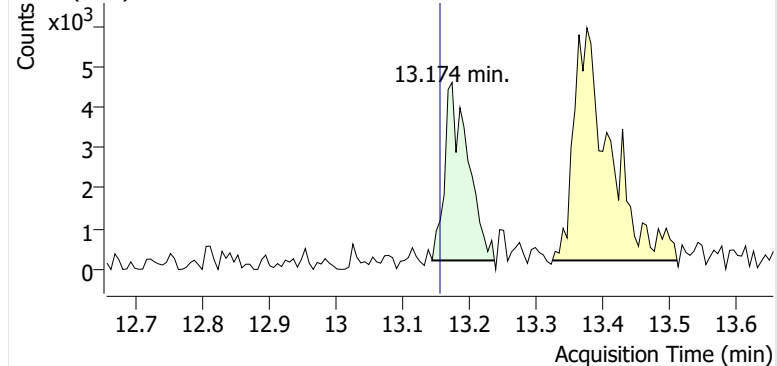
+ EIC (91.1) Scan B2502880.D



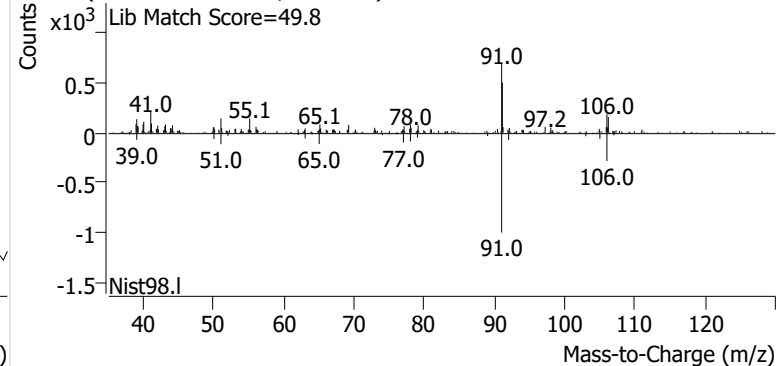
+ Scan (10.708-10.877 min, 29 scans) B2502880.D

**Ethylbenzene**

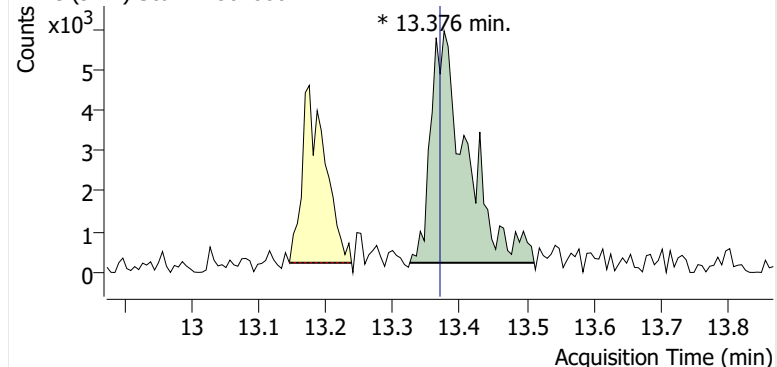
+ EIC (91.1) Scan B2502880.D



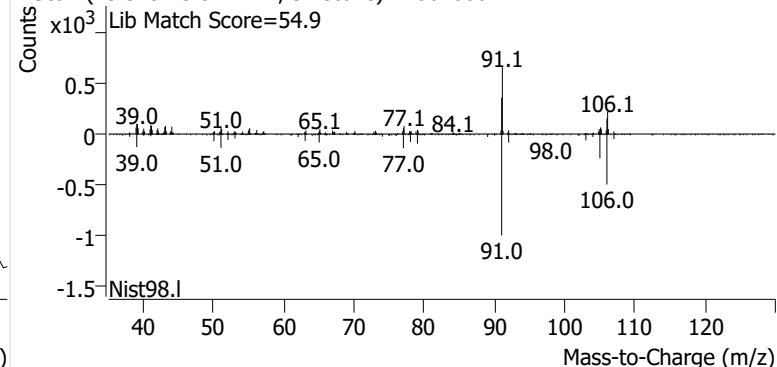
+ Scan (13.145-13.238 min, 16 scans) B2502880.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502880.D

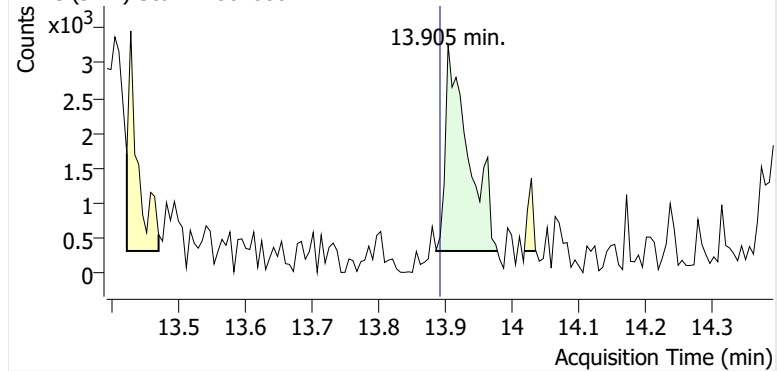


+ Scan (13.325-13.511 min, 31 scans) B2502880.D

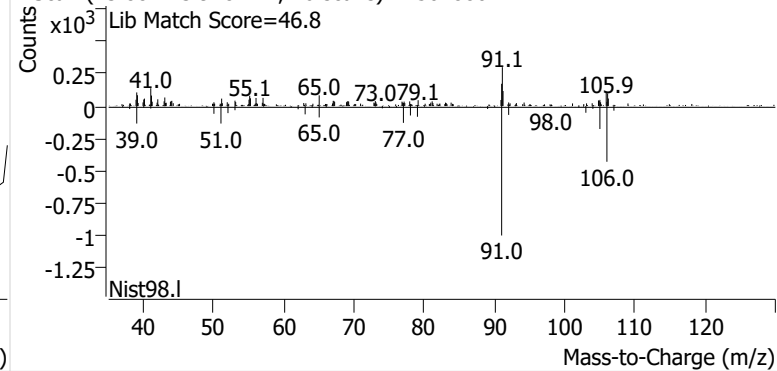


o-Xylene

+ EIC (91.1) Scan B2502880.D

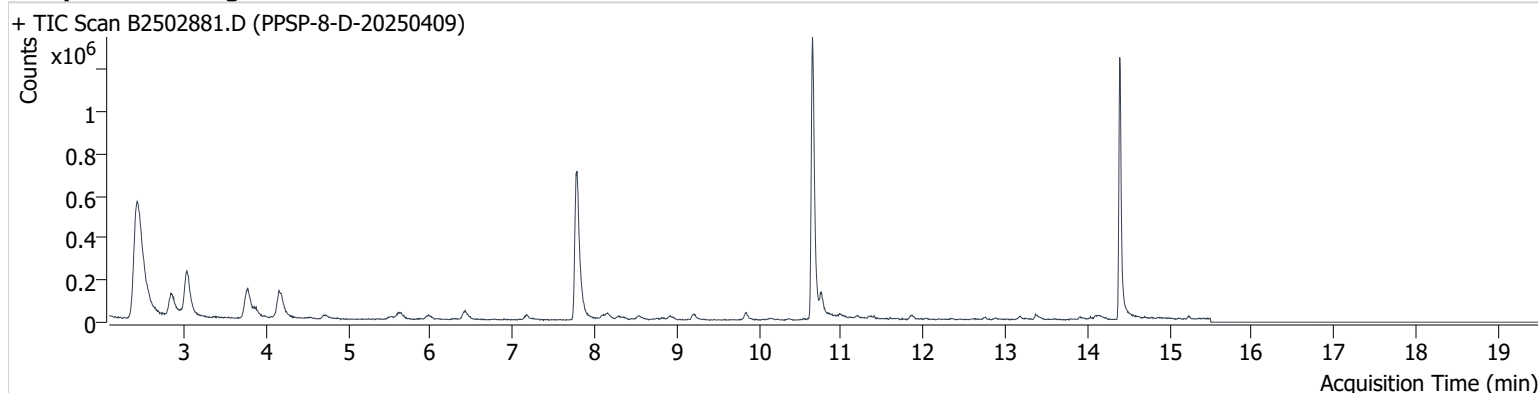


+ Scan (13.887-13.978 min, 16 scans) B2502880.D



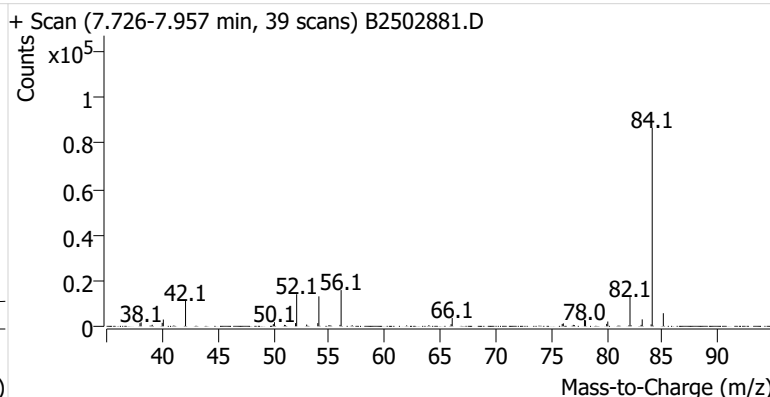
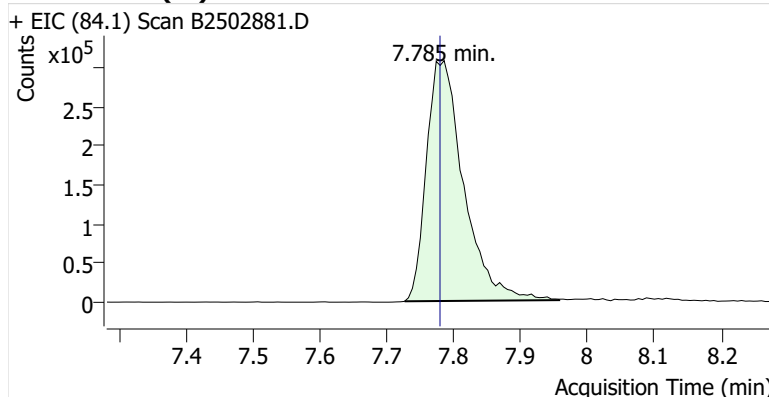
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Comment B27884
Data File B2502881.D
Acq. Date-Time 4/28/2025 12:02:47 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

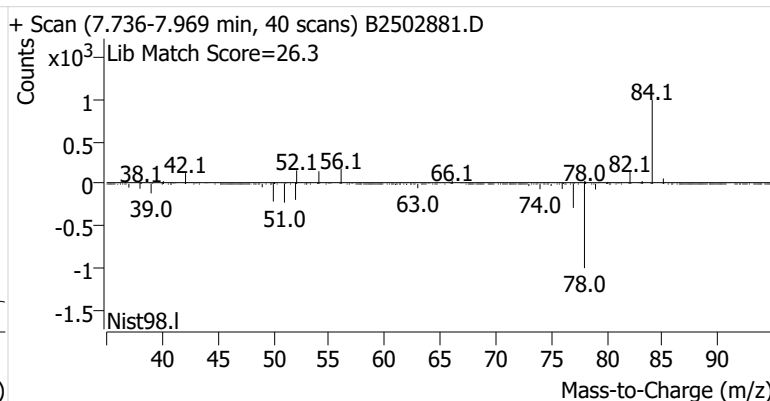
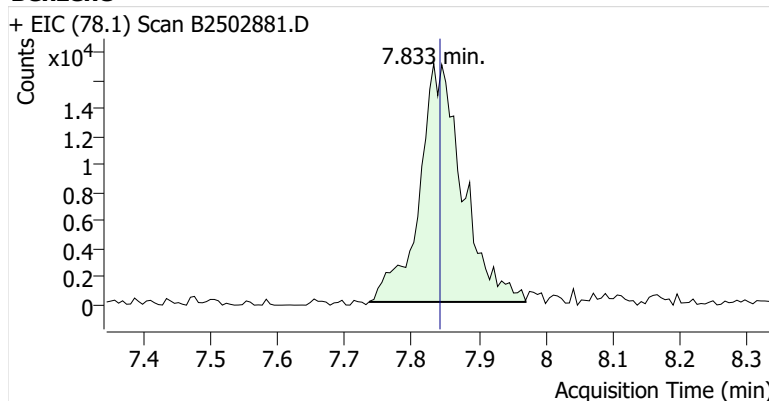


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.785	7.779	1,194,581	
Benzene	Benzene-d6 (IS)	7.833	7.842	76,423	
Toluene-d8 (IS)		10.652	10.652	1,241,924	
Toluene	Toluene-d8 (IS)	10.759	10.758	87,773	
Ethylbenzene	Toluene-d8 (IS)	13.174	13.156	13,730	
m-/p-Xylenes	Toluene-d8 (IS)	13.370	13.370	27,309	
o-Xylene	Toluene-d8 (IS)	13.922	13.892	10,340	

Benzene-d6 (IS)

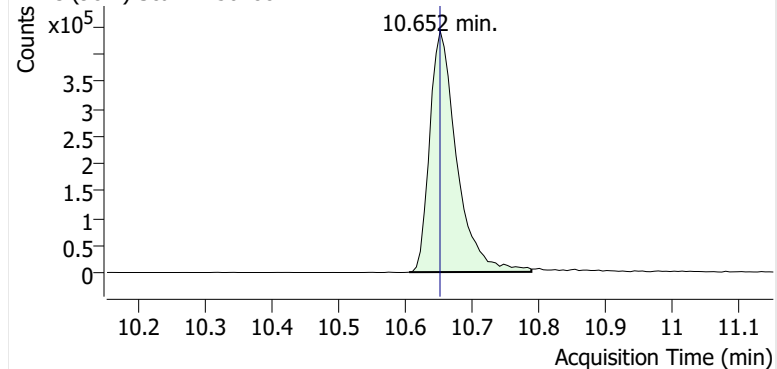


Benzene

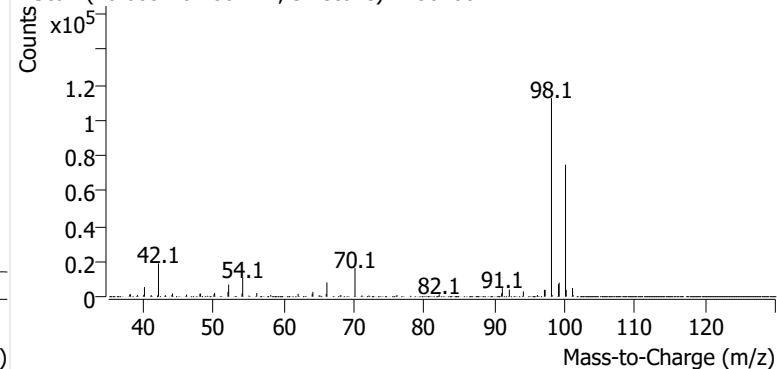


Toluene-d8 (IS)

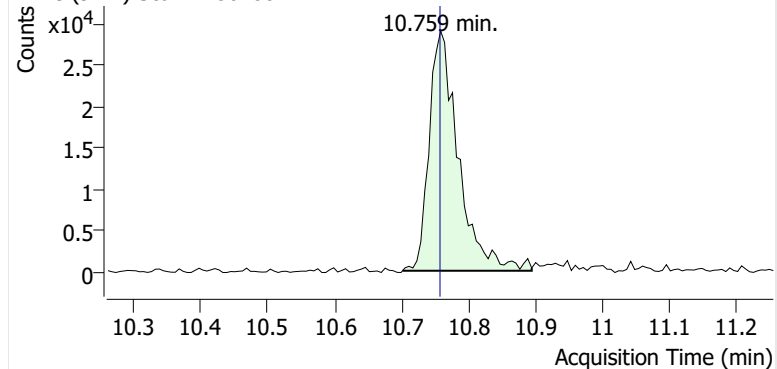
+ EIC (98.1) Scan B2502881.D



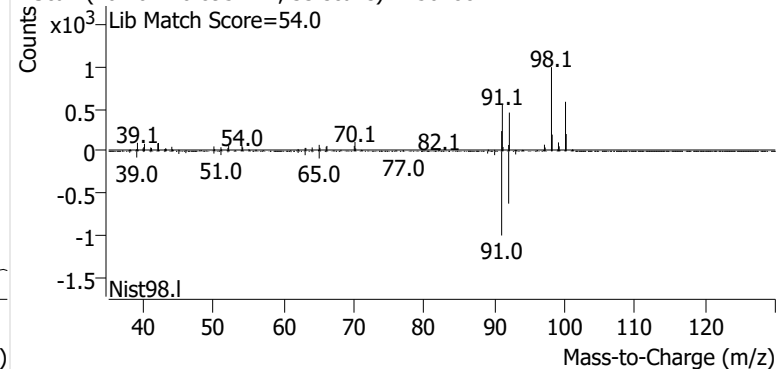
+ Scan (10.605-10.788 min, 31 scans) B2502881.D

**Toluene**

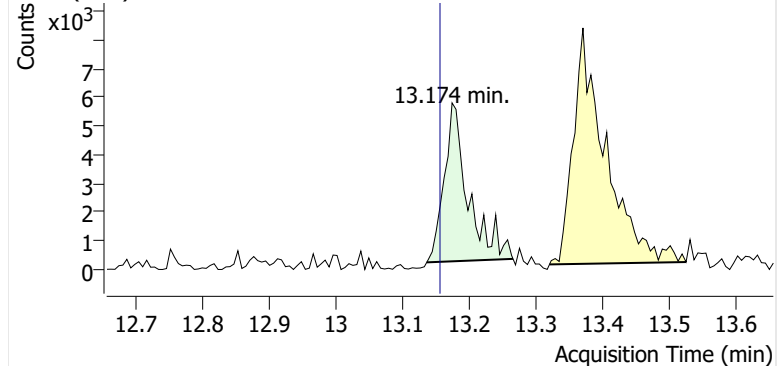
+ EIC (91.1) Scan B2502881.D



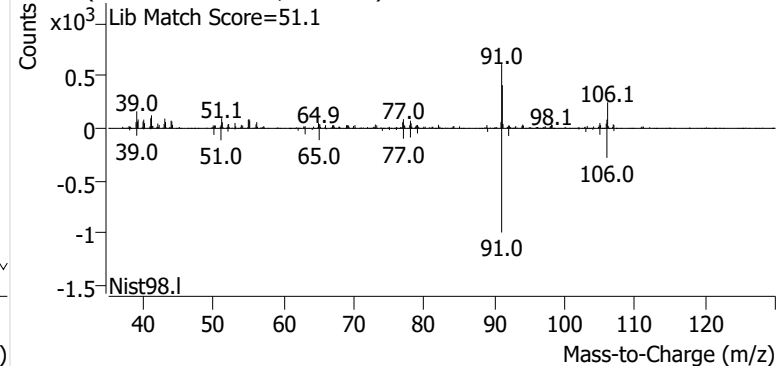
+ Scan (10.702-10.895 min, 33 scans) B2502881.D

**Ethylbenzene**

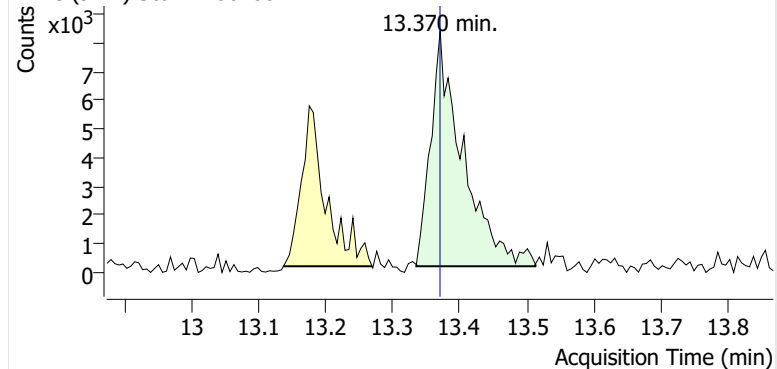
+ EIC (91.1) Scan B2502881.D



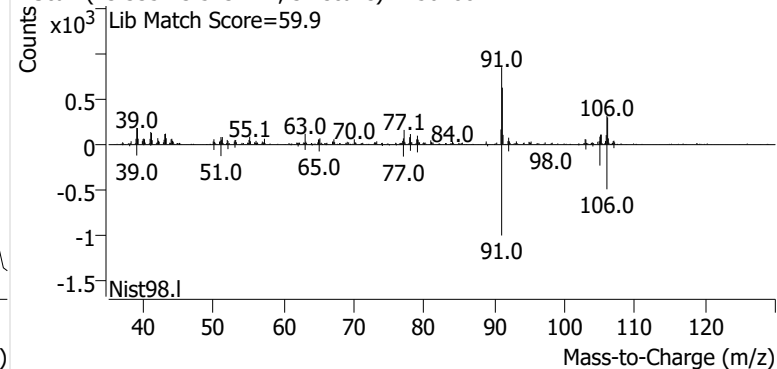
+ Scan (13.137-13.266 min, 22 scans) B2502881.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502881.D

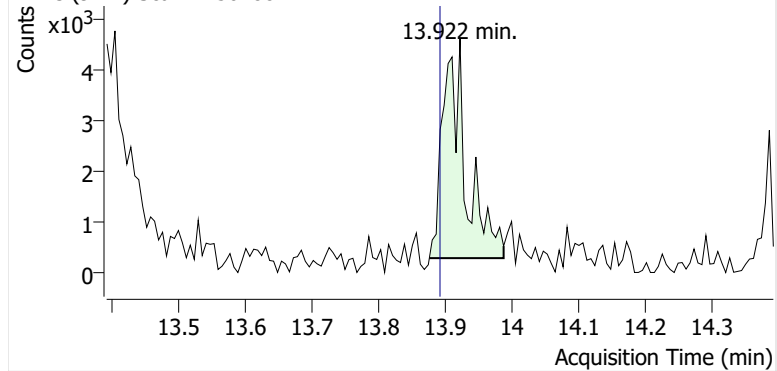


+ Scan (13.335-13.513 min, 31 scans) B2502881.D

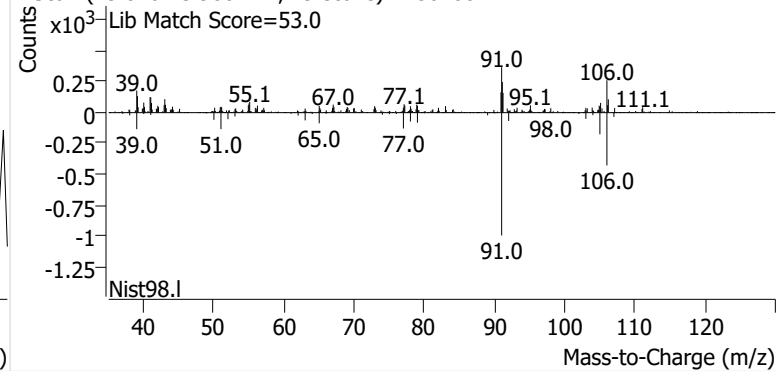


o-Xylene

+ EIC (91.1) Scan B2502881.D

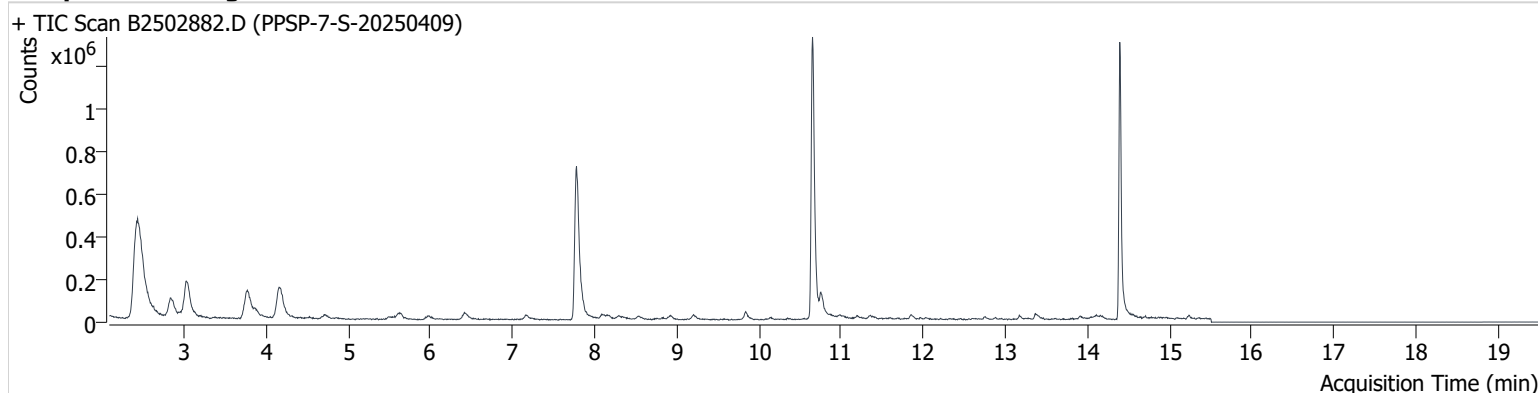


+ Scan (13.876-13.988 min, 19 scans) B2502881.D



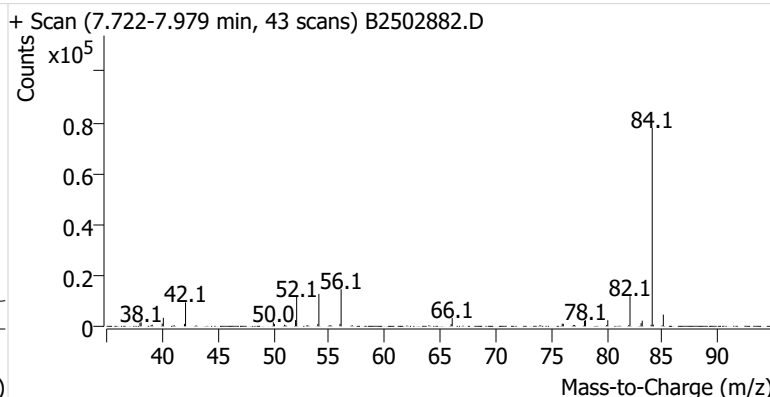
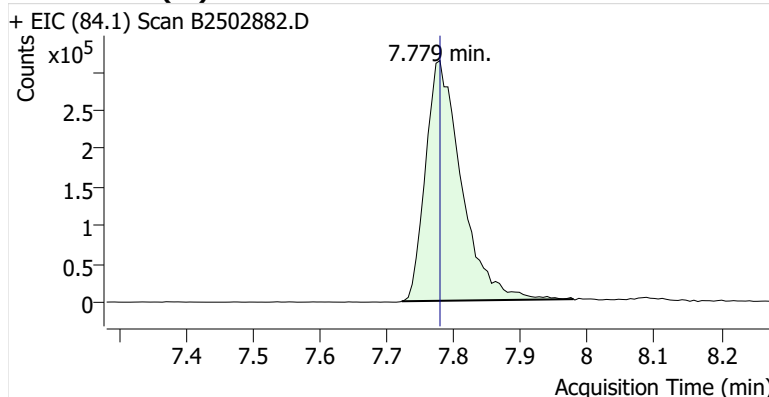
Name PPSP-7-S-20250409
Comment C01822
Data File B2502882.D
Acq. Date-Time 4/28/2025 12:40:07 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

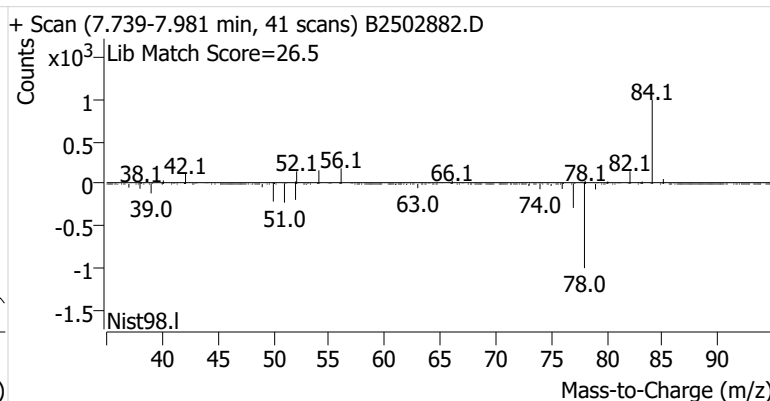
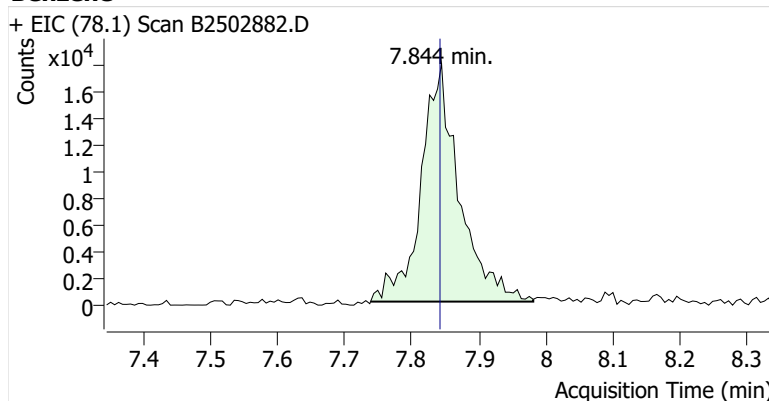


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.779	7.779	1,173,113	
Benzene	Benzene-d6 (IS)	7.844	7.842	70,532	
Toluene-d8 (IS)		10.652	10.652	1,246,086	
Toluene	Toluene-d8 (IS)	10.753	10.758	88,147	
Ethylbenzene	Toluene-d8 (IS)	13.180	13.156	13,074	
m-/p-Xylenes	Toluene-d8 (IS)	13.364	13.370	30,299	
o-Xylene	Toluene-d8 (IS)	13.910	13.892	12,275	

Benzene-d6 (IS)

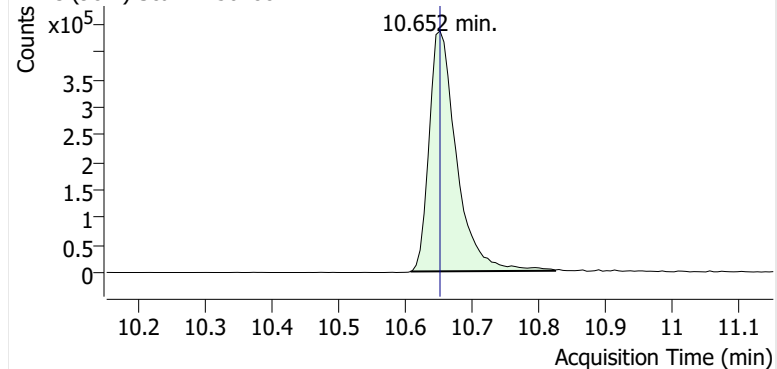


Benzene

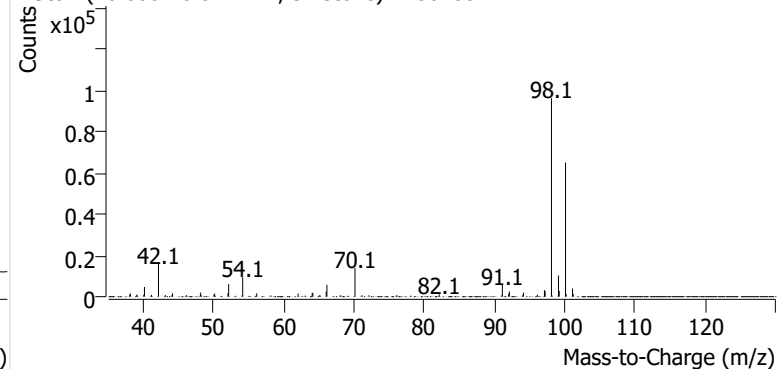


Toluene-d8 (IS)

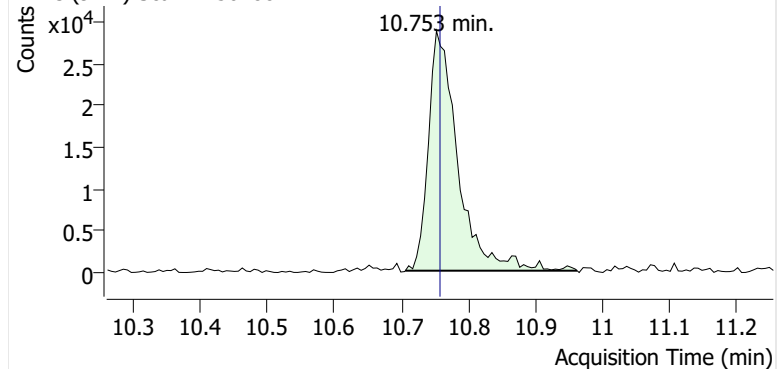
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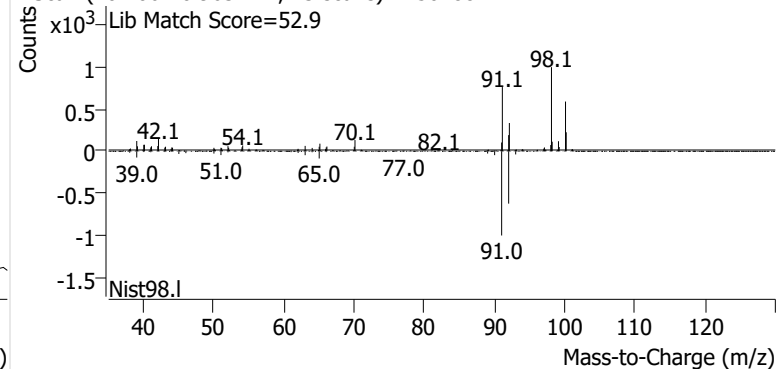
+ Scan (10.608-10.824 min, 37 scans) B2502882.D

**Toluene**

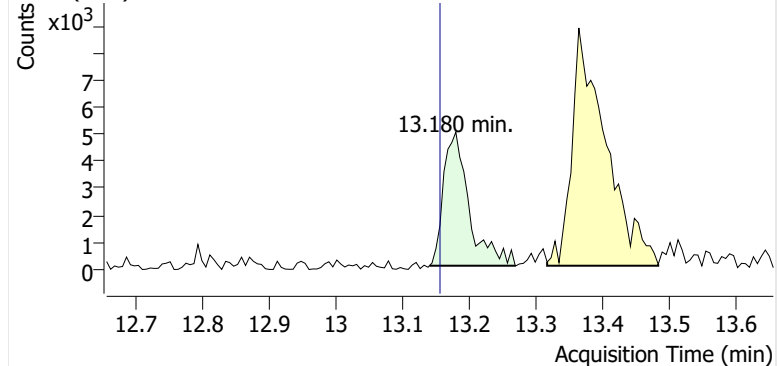
+ EIC (91.1) Scan B2502882.D



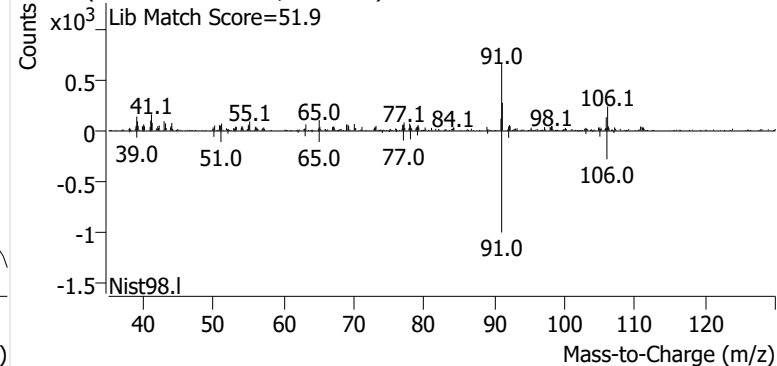
+ Scan (10.706-10.963 min, 43 scans) B2502882.D

**Ethylbenzene**

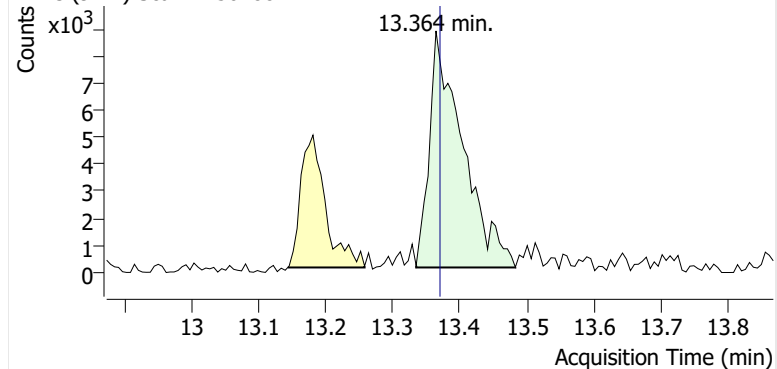
+ EIC (91.1) Scan B2502882.D



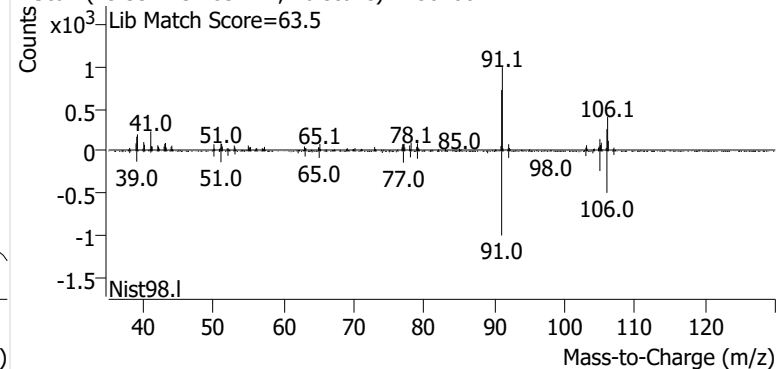
+ Scan (13.141-13.269 min, 21 scans) B2502882.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2502882.D

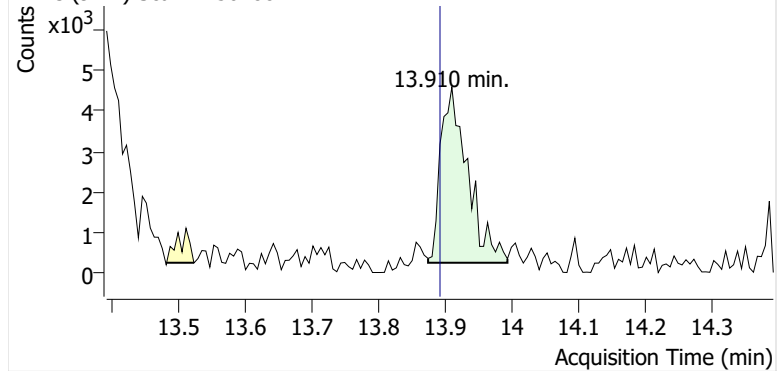


+ Scan (13.334-13.483 min, 26 scans) B2502882.D

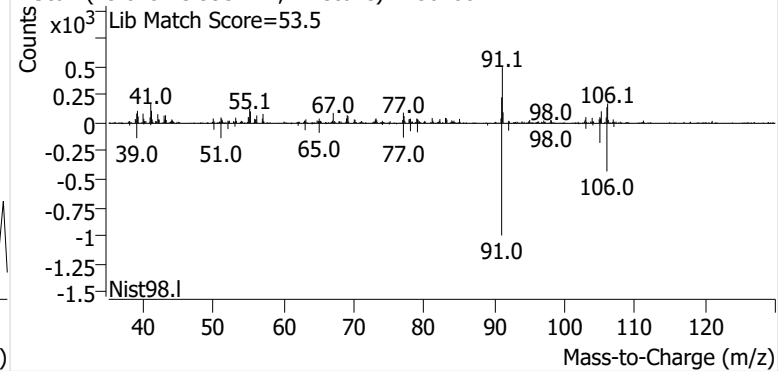


o-Xylene

+ EIC (91.1) Scan B2502882.D



+ Scan (13.875-13.993 min, 21 scans) B2502882.D



Calibration Summary Reports



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2502865.D	B46161	Cal	0.841	0.941	0.841	-11%	4.2%		Pass	
2025FW202 Method Blank-1	B2502866.D	C17188	Blank		0.941	0.841			-0.68%	Pass	ND
M325B CCV 5	B2502877.D	C55337	Check	0.846	0.941	0.841	-10%		1.8%	Pass	
M325B CCV 5	B2502883.D	C60255	Check	0.875	0.941	0.841	-7.0%		-1.0%	Pass	
M325B CCV 5	B2502891.D	C60269	Check	0.855	0.941	0.841	-9.1%		-0.090%	Pass	
M325B CCV 5 REC	B2502894.D	C60269	Check	0.846	0.941	0.841	-10%		-28%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2502865.D	B46161	Cal	0.963	1.042	0.963	-7.6%	-2.3%		Pass	
2025FW202 Method Blank-1	B2502866.D	C17188	Blank		1.042	0.963			3.9%	Pass	ND
M325B CCV 5	B2502877.D	C55337	Check	0.939	1.042	0.963	-9.9%		6.6%	Pass	
M325B CCV 5	B2502883.D	C60255	Check	0.986	1.042	0.963	-5.4%		2.5%	Pass	
M325B CCV 5	B2502891.D	C60269	Check	0.941	1.042	0.963	-9.7%		5.9%	Pass	
M325B CCV 5 REC	B2502894.D	C60269	Check	0.945	1.042	0.963	-9.3%		-8.2%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2502865.D	B46161	Cal	1.281	1.262	1.281	1.5%	-2.3%		Pass	
2025FW202 Method Blank-1	B2502866.D	C17188	Blank		1.262	1.281			3.9%	Pass	ND
M325B CCV 5	B2502877.D	C55337	Check	1.232	1.262	1.281	-2.4%		6.6%	Pass	
M325B CCV 5	B2502883.D	C60255	Check	1.257	1.262	1.281	-0.37%		2.5%	Pass	
M325B CCV 5	B2502891.D	C60269	Check	1.199	1.262	1.281	-5.0%		5.9%	Pass	
M325B CCV 5 REC	B2502894.D	C60269	Check	1.252	1.262	1.281	-0.77%		-8.2%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2502865.D	B46161	Cal	1.125	1.015	1.125	11%	-2.3%		Pass	
2025FW202 Method Blank-1	B2502866.D	C17188	Blank		1.015	1.125			3.9%	Pass	ND
M325B CCV 5	B2502877.D	C55337	Check	1.073	1.015	1.125	5.8%		6.6%	Pass	
M325B CCV 5	B2502883.D	C60255	Check	1.078	1.015	1.125	6.3%		2.5%	Pass	
M325B CCV 5	B2502891.D	C60269	Check	1.075	1.015	1.125	6.0%		5.9%	Pass	
M325B CCV 5 REC	B2502894.D	C60269	Check	1.113	1.015	1.125	9.7%		-8.2%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2502865.D	B46161	Cal	1.109	1.005	1.109	10%	-2.3%		Pass	
2025FW202 Method Blank-1	B2502866.D	C17188	Blank		1.005	1.109			3.9%	Pass	ND
M325B CCV 5	B2502877.D	C55337	Check	1.021	1.005	1.109	1.6%		6.6%	Pass	
M325B CCV 5	B2502883.D	C60255	Check	1.086	1.005	1.109	8.0%		2.5%	Pass	
M325B CCV 5	B2502891.D	C60269	Check	1.047	1.005	1.109	4.1%		5.9%	Pass	
M325B CCV 5 REC	B2502894.D	C60269	Check	1.181	1.005	1.109	18%		-8.2%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	Benzene	1	B2502161.D	5.02	66915	92.1	1130329	1.086	0.15
B032725A_CC252679_R1	Benzene	2	B2502162.D	10.03	123472	92.1	1134799	0.998	0.061
B032725A_CC252679_R1	Benzene	3	B2502163.D	20.07	239526	92.1	1139939	0.964	0.024
B032725A_CC252679_R1	Benzene	4	B2502164.D	40.14	464736	92.1	1140822	0.934	-0.0072
B032725A_CC252679_R1	Benzene	5	B2502165.D	100.34	1120064	92.1	1153198	0.891	-0.053
B032725A_CC252679_R1	Benzene	6	B2502166.D	200.69	2173887	92.1	1152162	0.866	-0.08
B032725A_CC252679_R1	Benzene	7	B2502167.D	602.07	6239884	92.1	1124490	0.848	-0.098
						Avg:	1139391	0.941	
						%RSD:	0.9%	8.9%	
B032725A_CC252679_R1	Toluene	1	B2502161.D	5.43	68415	108.6	1206222	1.136	0.09
B032725A_CC252679_R1	Toluene	2	B2502162.D	10.85	136331	108.6	1221018	1.118	0.072
B032725A_CC252679_R1	Toluene	3	B2502163.D	21.70	265903	108.6	1213247	1.097	0.053
B032725A_CC252679_R1	Toluene	4	B2502164.D	43.40	525839	108.6	1241251	1.060	0.017
B032725A_CC252679_R1	Toluene	5	B2502165.D	108.50	1225436	108.6	1246510	0.984	-0.056
B032725A_CC252679_R1	Toluene	6	B2502166.D	217.00	2398539	108.6	1233587	0.973	-0.066
B032725A_CC252679_R1	Toluene	7	B2502167.D	651.00	6892580	108.6	1239562	0.928	-0.11
						Avg:	1228771	1.042	
						%RSD:	1.3%	7.7%	
B032725A_CC252679_R1	Ethylbenzene	1	B2502161.D	5.21	82745	108.6	1206222	1.429	0.13
B032725A_CC252679_R1	Ethylbenzene	2	B2502162.D	10.43	163215	108.6	1221018	1.392	0.1
B032725A_CC252679_R1	Ethylbenzene	3	B2502163.D	20.86	316961	108.6	1213247	1.360	0.078
B032725A_CC252679_R1	Ethylbenzene	4	B2502164.D	41.72	631635	108.6	1241251	1.325	0.05
B032725A_CC252679_R1	Ethylbenzene	5	B2502165.D	104.29	1380271	108.6	1246510	1.153	-0.086
B032725A_CC252679_R1	Ethylbenzene	6	B2502166.D	208.59	2729887	108.6	1233587	1.152	-0.087
B032725A_CC252679_R1	Ethylbenzene	7	B2502167.D	625.75	7297585	108.6	1239562	1.022	-0.19
						Avg:	1228771	1.262	
						%RSD:	1.3%	12.1%	
B032725A_CC252679_R1	m-/p-Xylenes	1	B2502161.D	4.92	67830	108.6	1206222	1.240	0.22
B032725A_CC252679_R1	m-/p-Xylenes	2	B2502162.D	9.85	125700	108.6	1221018	1.135	0.12
B032725A_CC252679_R1	m-/p-Xylenes	3	B2502163.D	19.70	245314	108.6	1213247	1.115	0.099
B032725A_CC252679_R1	m-/p-Xylenes	4	B2502164.D	39.40	455091	108.6	1241251	1.011	-0.0038
B032725A_CC252679_R1	m-/p-Xylenes	5	B2502165.D	98.50	1025305	108.6	1246510	0.907	-0.11
B032725A_CC252679_R1	m-/p-Xylenes	6	B2502166.D	197.00	1953079	108.6	1233587	0.873	-0.14
B032725A_CC252679_R1	m-/p-Xylenes	7	B2502167.D	590.99	5536857	108.6	1239562	0.821	-0.19
						Avg:	1228771	1.015	
						%RSD:	1.3%	15.3%	
B032725A_CC252679_R1	o-Xylene	1	B2502161.D	5.14	67964	108.6	1206222	1.191	0.19
B032725A_CC252679_R1	o-Xylene	2	B2502162.D	10.27	135805	108.6	1221018	1.176	0.17
B032725A_CC252679_R1	o-Xylene	3	B2502163.D	20.55	240134	108.6	1213247	1.046	0.041

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW202-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	o-Xylene	4	B2502164.D	41.09	515081	108.6	1241251	1.097	0.091
B032725A_CC252679_R1	o-Xylene	5	B2502165.D	102.73	1027435	108.6	1246510	0.871	-0.13
B032725A_CC252679_R1	o-Xylene	6	B2502166.D	205.47	2011906	108.6	1233587	0.862	-0.14
B032725A_CC252679_R1	o-Xylene	7	B2502167.D	616.40	5582442	108.6	1239562	0.794	-0.21
						Avg:	1228771	1.005	
						%RSD:	1.3%	16.1%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	Benzene	ICV	B2502168.D	64.93	684250	92.1	1106030	0.877	-6.8%
B032725A_CC252679_R1	Toluene	ICV	B2502168.D	77.44	904869	108.6	1207486	1.051	0.9%
B032725A_CC252679_R1	Ethylbenzene	ICV	B2502168.D	87.18	1130379	108.6	1207486	1.166	-7.6%
B032725A_CC252679_R1	m-/p-Xylenes	ICV	B2502168.D	90.74	932274	108.6	1207486	0.924	-8.9%
B032725A_CC252679_R1	o-Xylene	ICV	B2502168.D	89.32	959027	108.6	1207486	0.966	-3.9%

M325B PDF Report ver.20250429

**This Is The Last Page
Of This Report.**



Portland Pipeline - S Portland, ME

Power Engineers, Inc.
303 U.S. Route One
Freeport, ME 04032

Sampling Event 21

Analytical Report (2025FW203)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene



Enthalpy Analytical, LLC

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

A handwritten signature in black ink, reading "Conor Toomey". The signature is stylized with a large, sweeping loop that encompasses the first name and extends over the last name.

QA Review by Conor Toomey, QA Associate II

Report Issued: 05/21/2025



Summary of Results



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250423	B25820	0.460	ND	1.14	P	ND		ND		ND	
PPSP-5-S-20250423	C31348	0.390		0.511	J,P	ND		ND		ND	
PPSP-4-S-20250423	C59945	0.398		0.488	J,P	ND		ND		ND	
PPSP-3-S-20250423	B14941	0.541		0.443	J,P	ND		ND		ND	
PPSP-2-S-20250423	B29767	0.518		0.467	J,P	ND		ND		ND	
PPSP-1-S-20250423	C59988	0.579		3.63	P	ND		ND		ND	
PPSP-1-B-20250423	B27327				ND,P	ND		ND		ND	
PPSP-13-S-20250423	B48152	0.599		0.443	J,P	ND		ND		ND	
PPSP-12-S-20250423	C60301	0.569		2.07	P	ND		ND		ND	
PPSP-11-S-20250423	B49514	0.525		0.469	J,P	ND		ND		ND	
PPSP-10-S-20250423	B16316	0.708		0.693	P	ND		ND		ND	
PPSP-9-S-20250423	C57524	0.594		0.522	J,P	ND		ND		ND	
PPSP-8-S-20250423	B14508	0.574		0.562	P	ND		ND		ND	
PPSP-8-D-20250423	B14545	0.555		1.11	P	ND		ND		ND	
PPSP-7-S-20250423	C00839	0.471		0.509	J,P	ND		ND		ND	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Results

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250423	B25820	0.460	0.144	6.07	52.6	0.655	20175	0.189	0.376	0.0593	0.118		V2502753.D	2025-05-09 19:19	0.866	8.070	45795	786327	90.3	8.017	0.1%
PPSP-5-S-20250423	C31348	0.390	0.122	5.16	52.6	0.655	20175	0.189	0.376	0.0593	0.118		V2502754.D	2025-05-09 20:00	0.866	8.076	39280	794006	90.3	8.017	1.1%
PPSP-4-S-20250423	C59945	0.398	0.125	5.25	52.6	0.655	20176	0.189	0.376	0.0593	0.118		V2502755.D	2025-05-09 20:41	0.866	8.070	40121	796370	90.3	8.011	1.4%
PPSP-3-S-20250423	B14941	0.541	0.170	7.15	52.6	0.655	20176	0.189	0.376	0.0593	0.118		V2502756.D	2025-05-09 21:23	0.866	8.070	54679	797141	90.3	8.010	1.5%
PPSP-2-S-20250423	B29767	0.518	0.162	6.84	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502757.D	2025-05-09 22:04	0.866	8.070	52151	794801	90.3	8.011	1.2%
PPSP-1-S-20250423	C59988	0.579	0.181	7.64	52.6	0.655	20176	0.189	0.376	0.0593	0.118		V2502758.D	2025-05-09 22:45	0.866	8.064	58819	802414	90.3	8.005	2.2%
PPSP-1-B-20250423	B27327				52.6	0.655	20176	0.189	0.376	0.0593	0.118	ND	V2502752.D	2025-05-09 18:38	0.866	8.088	1840	796409	90.3	8.017	1.4%
PPSP-13-S-20250423	B48152	0.599	0.188	7.92	52.6	0.655	20176	0.189	0.376	0.0593	0.118		V2502759.D	2025-05-09 23:26	0.866	8.064	60394	795172	90.3	8.011	1.3%
PPSP-12-S-20250423	C60301	0.569	0.178	7.51	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502760.D	2025-05-10 00:07	0.866	8.058	57424	796741	90.3	8.005	1.5%
PPSP-11-S-20250423	B49514	0.525	0.164	6.94	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502761.D	2025-05-10 00:49	0.866	8.064	52508	789204	90.3	8.005	0.5%
PPSP-10-S-20250423	B16316	0.708	0.222	9.36	52.6	0.655	20176	0.189	0.376	0.0593	0.118		V2502763.D	2025-05-10 02:30	0.866	8.064	71451	796109	90.3	8.011	1.4%
PPSP-9-S-20250423	C57524	0.594	0.186	7.85	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502764.D	2025-05-10 03:11	0.866	8.064	59738	793701	90.3	8.005	1.1%
PPSP-8-S-20250423	B14508	0.574	0.180	7.58	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502765.D	2025-05-10 03:52	0.866	8.058	58536	804907	90.3	8.005	2.5%
PPSP-8-D-20250423	B14545	0.555	0.174	7.33	52.6	0.655	20177	0.189	0.376	0.0593	0.118		V2502766.D	2025-05-10 04:33	0.866	8.058	56516	803150	90.3	8.005	2.3%
PPSP-7-S-20250423	C00839	0.471	0.147	6.22	52.6	0.655	20179	0.189	0.376	0.0593	0.118		V2502767.D	2025-05-10 05:15	0.866	8.064	47340	793249	90.3	8.005	1.0%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250423	B25820	1.14	0.302	11.7	52.6	0.508	20175	0.244	0.524	0.0648	0.139	P	V2502753.D	2025-05-09 19:19	0.932	10.729	86889	842444	105.3	10.640	-0.9%
PPSP-5-S-20250423	C31348	0.511	0.136	5.24	52.6	0.508	20175	0.244	0.524	0.0648	0.139	J,P	V2502754.D	2025-05-09 20:00	0.932	10.735	38771	835728	105.3	10.640	-1.7%
PPSP-4-S-20250423	C59945	0.488	0.129	5.00	52.6	0.508	20176	0.244	0.524	0.0648	0.139	J,P	V2502755.D	2025-05-09 20:41	0.932	10.735	37129	839133	105.3	10.634	-1.3%
PPSP-3-S-20250423	B14941	0.443	0.118	4.54	52.6	0.508	20176	0.244	0.524	0.0648	0.139	J,P	V2502756.D	2025-05-09 21:23	0.932	10.729	33625	835913	105.3	10.634	-1.7%
PPSP-2-S-20250423	B29767	0.467	0.124	4.78	52.6	0.508	20177	0.244	0.524	0.0648	0.139	J,P	V2502757.D	2025-05-09 22:04	0.932	10.729	35963	849092	105.3	10.634	-0.1%
PPSP-1-S-20250423	C59988	3.63	0.963	37.2	52.6	0.508	20176	0.244	0.524	0.0648	0.139	P	V2502758.D	2025-05-09 22:45	0.932	10.729	280809	853296	105.3	10.628	0.4%
PPSP-1-B-20250423	B27327				52.6	0.508	20176	0.244	0.524	0.0648	0.139	ND,P	V2502752.D	2025-05-09 18:38	0.932	10.741	8816	855819	105.3	10.640	0.6%
PPSP-13-S-20250423	B48152	0.443	0.118	4.55	52.6	0.508	20176	0.244	0.524	0.0648	0.139	J,P	V2502759.D	2025-05-09 23:26	0.932	10.729	33972	844081	105.3	10.634	-0.7%
PPSP-12-S-20250423	C60301	2.07	0.549	21.2	52.6	0.508	20177	0.244	0.524	0.0648	0.139	P	V2502760.D	2025-05-10 00:07	0.932	10.723	160040	853044	105.3	10.628	0.3%
PPSP-11-S-20250423	B49514	0.469	0.125	4.81	52.6	0.508	20177	0.244	0.524	0.0648	0.139	J,P	V2502761.D	2025-05-10 00:49	0.932	10.723	36415	854885	105.3	10.628	0.5%
PPSP-10-S-20250423	B16316	0.693	0.184	7.11	52.6	0.508	20176	0.244	0.524	0.0648	0.139	P	V2502763.D	2025-05-10 02:30	0.932	10.723	53532	850864	105.3	10.628	0.1%
PPSP-9-S-20250423	C57524	0.522	0.139	5.36	52.6	0.508	20177	0.244	0.524	0.0648	0.139	J,P	V2502764.D	2025-05-10 03:11	0.932	10.723	40513	854512	105.3	10.628	0.5%
PPSP-8-S-20250423	B14508	0.562	0.149	5.77	52.6	0.508	20177	0.244	0.524	0.0648	0.139	P	V2502765.D	2025-05-10 03:52	0.932	10.723	44020	862347	105.3	10.628	1.4%
PPSP-8-D-20250423	B14545	1.11	0.294	11.3	52.6	0.508	20177	0.244	0.524	0.0648	0.139	P	V2502766.D	2025-05-10 04:33	0.932	10.723	85849	854753	105.3	10.622	0.5%
PPSP-7-S-20250423	C00839	0.509	0.135	5.22	52.6	0.508	20179	0.244	0.524	0.0647	0.139	J,P	V2502767.D	2025-05-10 05:15	0.932	10.723	39001	844256	105.3	10.628	-0.7%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250423	B25820				52.6	0.449	20175	0.276	0.569	0.0635	0.131	ND	V2502753.D	2025-05-09 19:19	1.193	12.884	5765	842444	105.3	10.640	-0.9%
PPSP-5-S-20250423	C31348				52.6	0.449	20175	0.276	0.569	0.0635	0.131	ND	V2502754.D	2025-05-09 20:00	1.193	12.884	4088	835728	105.3	10.640	-1.7%
PPSP-4-S-20250423	C59945				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502755.D	2025-05-09 20:41	1.193	12.878	4249	839133	105.3	10.634	-1.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250423	B14941				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502756.D	2025-05-09 21:23	1.193	12.883	2583	835913	105.3	10.634	-1.7%
PPSP-2-S-20250423	B29767				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502757.D	2025-05-09 22:04	1.193	12.884	3867	849092	105.3	10.634	-0.1%
PPSP-1-S-20250423	C59988				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502758.D	2025-05-09 22:45	1.193	12.878	4920	853296	105.3	10.628	0.4%
PPSP-1-B-20250423	B27327				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502752.D	2025-05-09 18:38	1.193	12.890	1289	855819	105.3	10.640	0.6%
PPSP-13-S-20250423	B48152				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502759.D	2025-05-09 23:26	1.193	12.884	1819	844081	105.3	10.634	-0.7%
PPSP-12-S-20250423	C60301				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502760.D	2025-05-10 00:07	1.193	12.884	5150	853044	105.3	10.628	0.3%
PPSP-11-S-20250423	B49514				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502761.D	2025-05-10 00:49	1.193	12.872	2667	854885	105.3	10.628	0.5%
PPSP-10-S-20250423	B16316				52.6	0.449	20176	0.276	0.569	0.0635	0.131	ND	V2502763.D	2025-05-10 02:30	1.193	12.878	7336	850864	105.3	10.628	0.1%
PPSP-9-S-20250423	C57524				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502764.D	2025-05-10 03:11	1.193	12.878	5354	854512	105.3	10.628	0.5%
PPSP-8-S-20250423	B14508				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502765.D	2025-05-10 03:52	1.193	12.872	3062	862347	105.3	10.628	1.4%
PPSP-8-D-20250423	B14545				52.6	0.449	20177	0.276	0.569	0.0635	0.131	ND	V2502766.D	2025-05-10 04:33	1.193	12.878	3397	854753	105.3	10.622	0.5%
PPSP-7-S-20250423	C00839				52.6	0.449	20179	0.276	0.569	0.0635	0.131	ND	V2502767.D	2025-05-10 05:15	1.193	12.878	5468	844256	105.3	10.628	-0.7%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250423	B25820				52.6	0.449	20175	0.276	0.538	0.0635	0.124	ND	V2502753.D	2025-05-09 19:19	0.987	13.056	11061	842444	105.3	10.640	-0.9%
PPSP-5-S-20250423	C31348				52.6	0.449	20175	0.276	0.538	0.0635	0.124	ND	V2502754.D	2025-05-09 20:00	0.987	13.062	8127	835728	105.3	10.640	-1.7%
PPSP-4-S-20250423	C59945				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502755.D	2025-05-09 20:41	0.987	13.062	12098	839133	105.3	10.634	-1.3%
PPSP-3-S-20250423	B14941				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502756.D	2025-05-09 21:23	0.987	13.061	6497	835913	105.3	10.634	-1.7%
PPSP-2-S-20250423	B29767				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502757.D	2025-05-09 22:04	0.987	13.056	6111	849092	105.3	10.634	-0.1%
PPSP-1-S-20250423	C59988				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502758.D	2025-05-09 22:45	0.987	13.062	11787	853296	105.3	10.628	0.4%
PPSP-1-B-20250423	B27327				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502752.D	2025-05-09 18:38	0.987	13.074	1212	855819	105.3	10.640	0.6%
PPSP-13-S-20250423	B48152				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502759.D	2025-05-09 23:26	0.987	13.056	3403	844081	105.3	10.634	-0.7%
PPSP-12-S-20250423	C60301				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502760.D	2025-05-10 00:07	0.987	13.056	12519	853044	105.3	10.628	0.3%
PPSP-11-S-20250423	B49514				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502761.D	2025-05-10 00:49	0.987	13.056	5738	854885	105.3	10.628	0.5%
PPSP-10-S-20250423	B16316				52.6	0.449	20176	0.276	0.538	0.0635	0.124	ND	V2502763.D	2025-05-10 02:30	0.987	13.062	11847	850864	105.3	10.628	0.1%
PPSP-9-S-20250423	C57524				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502764.D	2025-05-10 03:11	0.987	13.050	14938	854512	105.3	10.628	0.5%
PPSP-8-S-20250423	B14508				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502765.D	2025-05-10 03:52	0.987	13.056	7120	862347	105.3	10.628	1.4%
PPSP-8-D-20250423	B14545				52.6	0.449	20177	0.276	0.538	0.0635	0.124	ND	V2502766.D	2025-05-10 04:33	0.987	13.056	9395	854753	105.3	10.622	0.5%
PPSP-7-S-20250423	C00839				52.6	0.449	20179	0.276	0.538	0.0635	0.124	ND	V2502767.D	2025-05-10 05:15	0.987	13.050	10754	844256	105.3	10.628	-0.7%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250423	B25820				52.6	0.449	20175	0.276	0.561	0.0635	0.129	ND	V2502753.D	2025-05-09 19:19	1.003	13.560	5033	842444	105.3	10.640	-0.9%
PPSP-5-S-20250423	C31348				52.6	0.449	20175	0.276	0.561	0.0635	0.129	ND	V2502754.D	2025-05-09 20:00	1.003	13.554	3658	835728	105.3	10.640	-1.7%
PPSP-4-S-20250423	C59945				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502755.D	2025-05-09 20:41	1.003	13.554	5142	839133	105.3	10.634	-1.3%
PPSP-3-S-20250423	B14941				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502756.D	2025-05-09 21:23	1.003	13.560	3143	835913	105.3	10.634	-1.7%
PPSP-2-S-20250423	B29767				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502757.D	2025-05-09 22:04	1.003	13.548	3113	849092	105.3	10.634	-0.1%
PPSP-1-S-20250423	C59988				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502758.D	2025-05-09 22:45	1.003	13.548	5016	853296	105.3	10.628	0.4%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

o-Xylene

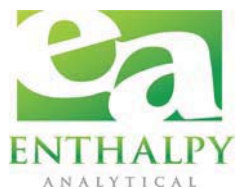
Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250423	B27327				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502752.D	2025-05-09 18:38	1.003	13.554	971	855819	105.3	10.640	0.6%
PPSP-13-S-20250423	B48152				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502759.D	2025-05-09 23:26	1.003	13.560	1603	844081	105.3	10.634	-0.7%
PPSP-12-S-20250423	C60301				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502760.D	2025-05-10 00:07	1.003	13.548	4710	853044	105.3	10.628	0.3%
PPSP-11-S-20250423	B49514				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502761.D	2025-05-10 00:49	1.003	13.548	2631	854885	105.3	10.628	0.5%
PPSP-10-S-20250423	B16316				52.6	0.449	20176	0.276	0.561	0.0635	0.129	ND	V2502763.D	2025-05-10 02:30	1.003	13.548	5301	850864	105.3	10.628	0.1%
PPSP-9-S-20250423	C57524				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502764.D	2025-05-10 03:11	1.003	13.542	6003	854512	105.3	10.628	0.5%
PPSP-8-S-20250423	B14508				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502765.D	2025-05-10 03:52	1.003	13.548	3326	862347	105.3	10.628	1.4%
PPSP-8-D-20250423	B14545				52.6	0.449	20177	0.276	0.561	0.0635	0.129	ND	V2502766.D	2025-05-10 04:33	1.003	13.548	3476	854753	105.3	10.622	0.5%
PPSP-7-S-20250423	C00839				52.6	0.449	20179	0.276	0.561	0.0635	0.129	ND	V2502767.D	2025-05-10 05:15	1.003	13.548	3904	844256	105.3	10.628	-0.7%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

QC



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW203-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250423	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250423	3.3%	Pass	65%	Fail	ND	Pass	ND	Pass	ND	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Site	Portland Pipeline - S Portland, ME
Report #	2025FW203

Custody	Enthalpy Analytical, LLC received the sample tubes on 05/08/25. The samples were received in good condition at a temperature of 20.8 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for benzene, toluene, ethylbenzene, m-/p-xylenes, and o-xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. The primary sample PPSP-8-S-20250423 (tube ID B14508) and its corresponding duplicate PPSP-8-D-20250423 (tube ID B14545) failed to meet the 30% difference criterion for toluene specified by the method. All samples in the data set for toluene have been flagged “P” to denote this failure.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m³ and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.





Enthalpy Analytical LDEQ Certification Statement

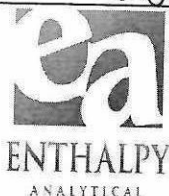
Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) under **Certificate Number 04010**. The methods included in this report are listed in the table below along with Enthalpy-Durham's accreditation status with LDEQ and any analytes that Enthalpy-Durham does not hold accreditation for.

Method	Accredited by LDEQ?	Analytes of an Accredited Method that are not Accredited
EPA M325B	Yes	N/A

Sample Custody



2025FW203



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 1 of # 2

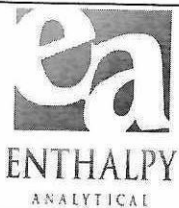
- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
 • All TATs Subject to Approval by Enthalpy Analytical, LLC
 • Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #		
City:			Project Manager: Tom Rolfson			Sorbent:		
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	B25820	sample	4/23/25	10:16 AM	5/7/25	10:31 AM	JB / JB		
5	C31348	sample	4/23/25	10:21 AM	5/7/25	10:36 AM	JB / JB		
4	C59945	sample	4/23/25	10:25 AM	5/7/25	10:41 AM	JB / JB		
3	B14941	sample	4/23/25	10:30 AM	5/7/25	10:46 AM	JB / JB		
2	B29767	sample	4/23/25	10:35 AM	5/7/25	10:52 AM	JB / JB		
1	C59988	sample	4/23/25	10:39 AM	5/7/25	10:55 AM	JB / JB		
1	B27327	blank	4/23/25	10:39 AM	5/7/25	10:55 AM	JB / JB		
13	B48152	sample	4/23/25	10:44 AM	5/7/25	11:00 AM	JB / JB		

Relinquished By (printed):		Relinquished By (signature):		Relinquished Date:		Relinquished Time:	
Jen Bowidowicz		<i>Jennifer Bowidowicz</i>		5/7/2025			
Received By (printed):		Received By (signature):		Receipt Date:		Receipt Time:	
<i>Began Allen</i>		<i>[Signature]</i>		5.8.2025		3:05	
Sample Condition Upon Receipt:		Compound List:		Custody Seal intact? Y/N:		Delivery tracking #	
Good		BTEX		NO			
Ice Temp:	Blank Temp:			Add Custody Seal # below:			
	20.8	Flukey		N/A			
Comments:							
Please pull the ambient temp from the KPWM NOAA station. Thank you							
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com							

2025FW203



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 2 of # 2

☒ Standard Turn Around Time (7 business days)☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line				PO#:	
Site Address:			Project Number:				Sample Event #:	
City:			Project Manager: Tom Rolfson				Sorbent:	
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
12	C60301	sample	4/23/25	10:50 AM	5/7/25	11:07 AM	JB / JB		
11	B49514	sample	4/23/25	10:55 AM	5/7/25	11:12 AM	JB / JB		
10	B16316	sample	4/23/25	11:00 AM	5/7/25	11:16 AM	JB / JB		
9	C57524	sample	4/23/25	11:03 AM	5/7/25	11:20 AM	JB / JB		
8	B14508	sample	4/23/25	11:08 AM	5/7/25	11:25 AM	JB / JB		
8	B14545	duplicate	4/23/25	11:08 AM	5/7/25	11:25 AM	JB / JB		
7	C00839	sample	4/23/25	11:12 AM	5/7/25	11:31 AM	JB / JB		

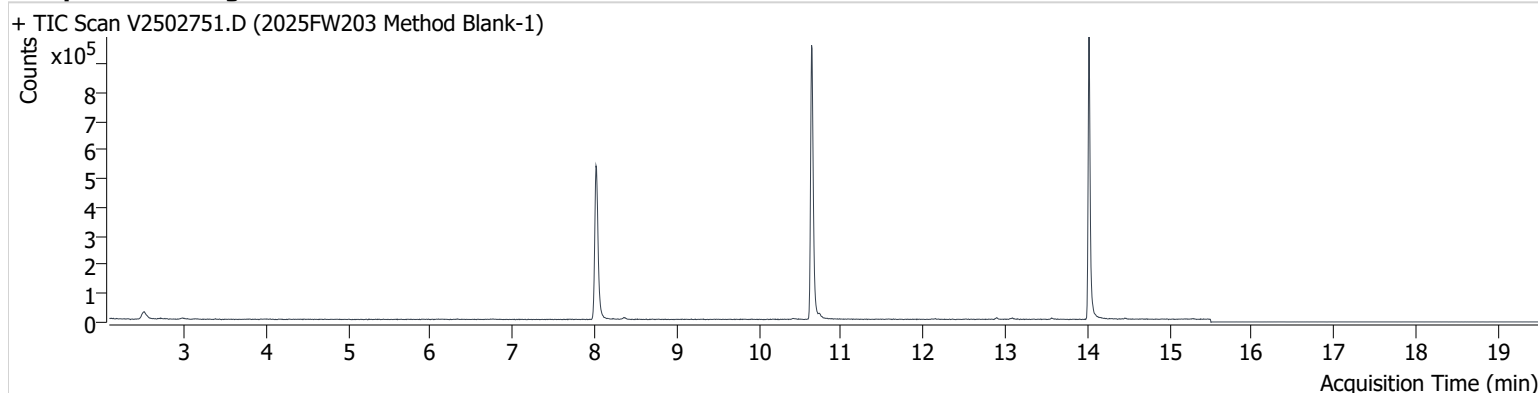
Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): <i>Jennifer Bowidowicz</i>		Relinquished Date: 5/7/2025		Relinquished Time:	
Received By (printed): <i>Heeran Allen</i>		Received By (signature): <i>[Signature]</i>		Receipt Date: 5-8-2025		Receipt Time: 3:05	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal intact? Y/N: Y		Delivery tracking #	
Ice Temp:	Blank Temp: 20.8			Add Custody Seal # below: 101A			
	Flukey						

Sample Chromatograms



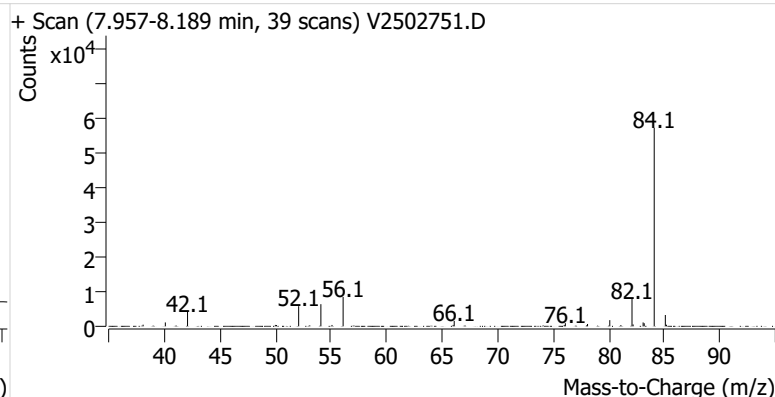
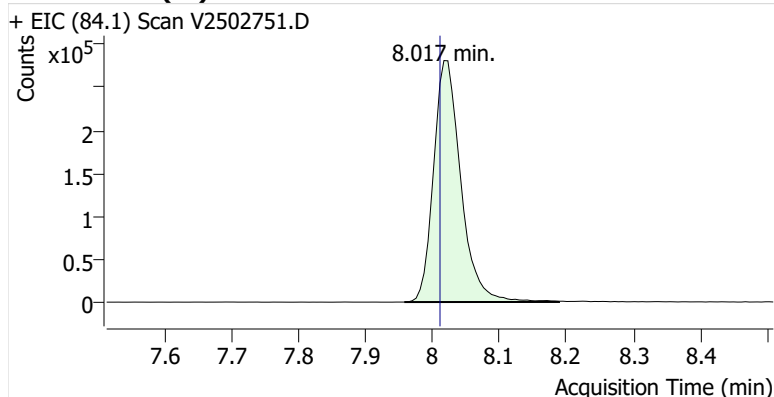
Name 2025FW203 Method Blank-1
Comment B48114
Data File V2502751.D
Acq. Date-Time 5/9/2025 5:57:08 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

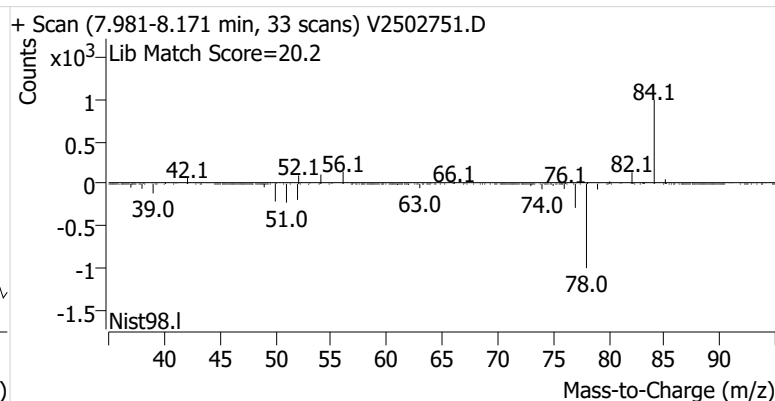
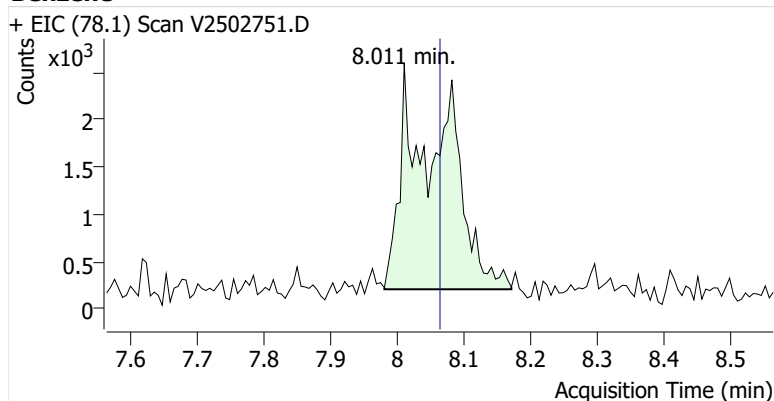


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.017	8.011	797,625	
Benzene	Benzene-d6 (IS)	8.011	8.064	10,664	
Toluene-d8 (IS)		10.640	10.634	859,738	
Toluene	Toluene-d8 (IS)	10.741	10.723	9,753	
Ethylbenzene	Toluene-d8 (IS)	12.895	12.878	3,942	
m-/p-Xylenes	Toluene-d8 (IS)	13.073	13.068	4,489	
o-Xylene	Toluene-d8 (IS)	13.560	13.548	3,300	

Benzene-d6 (IS)

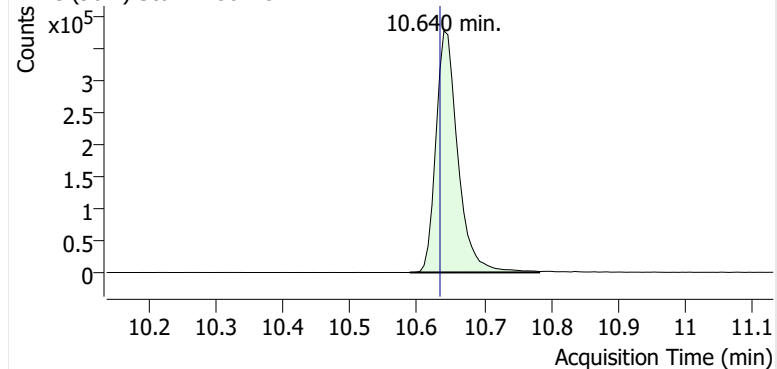


Benzene

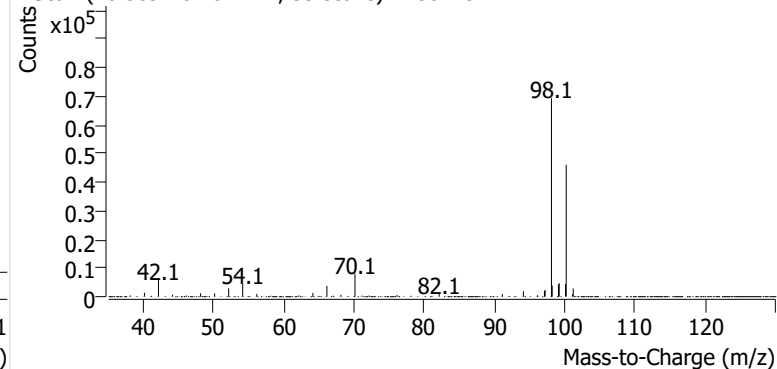


Toluene-d8 (IS)

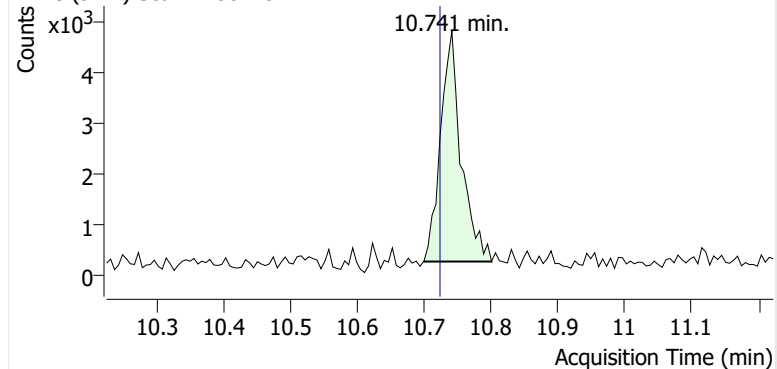
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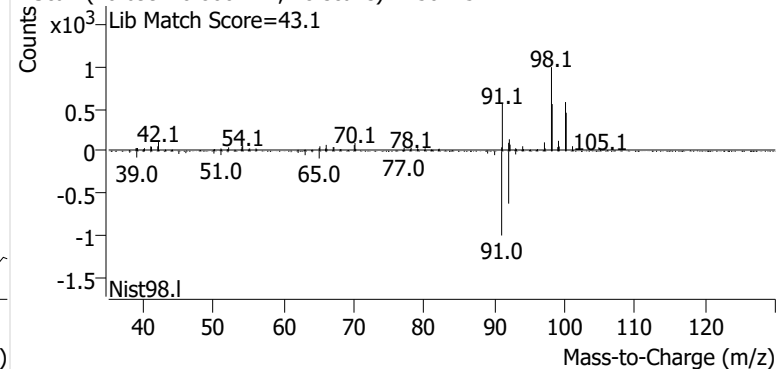
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**Toluene**

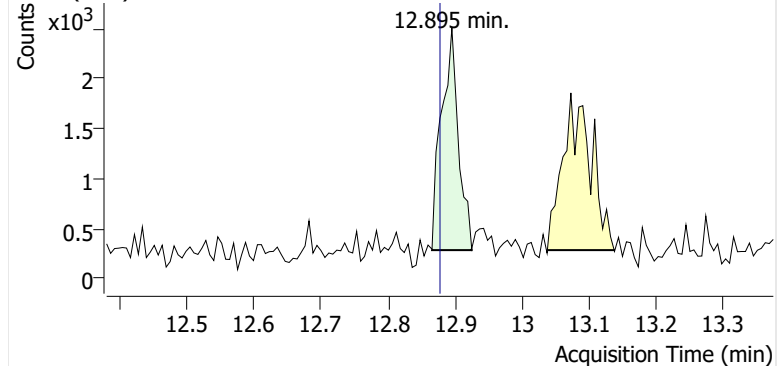
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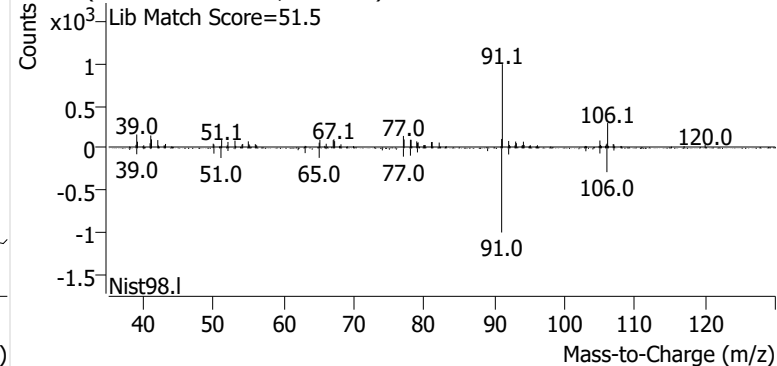
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**Ethylbenzene**

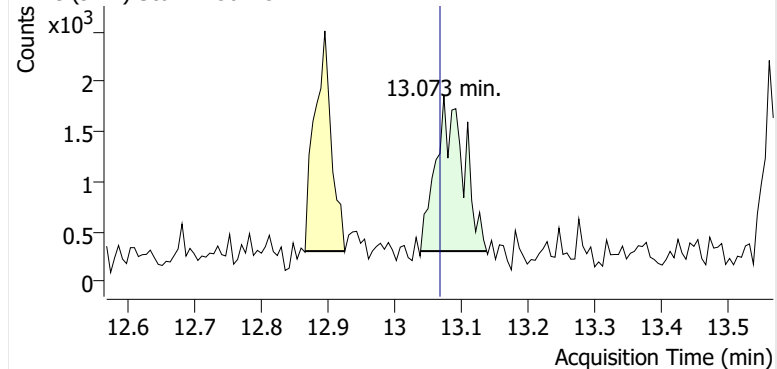
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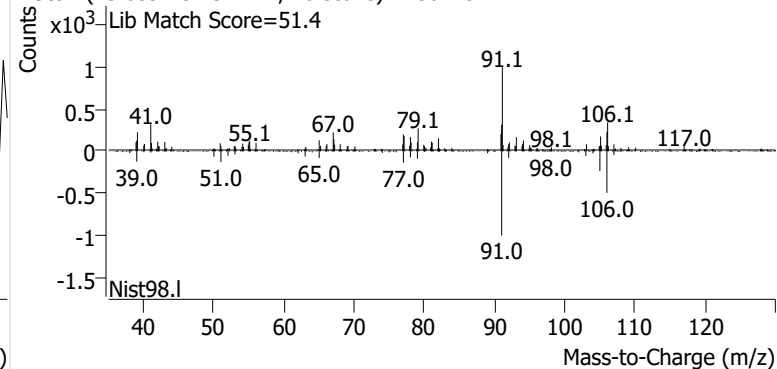
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**m-/p-Xylenes**

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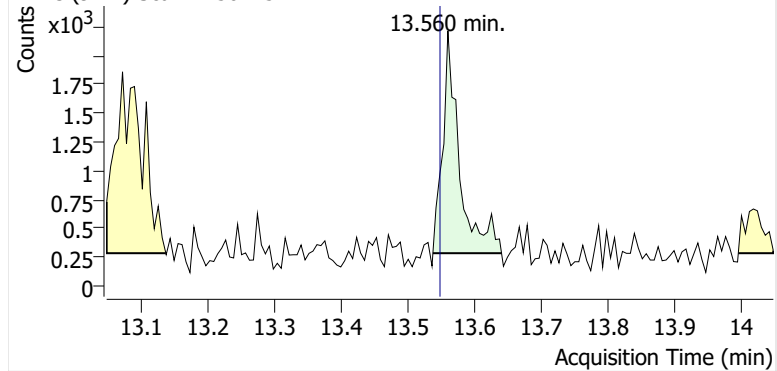


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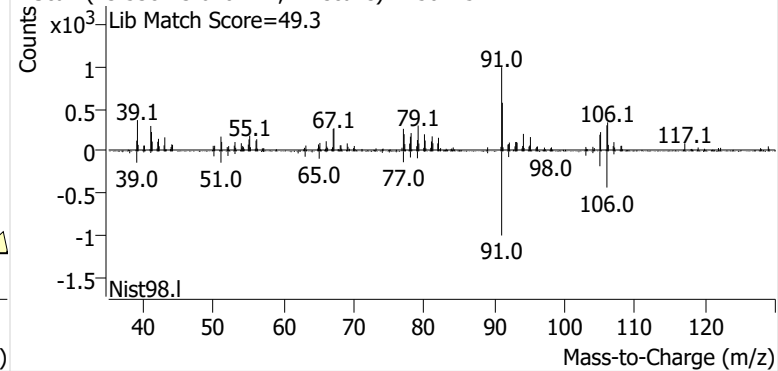


o-Xylene

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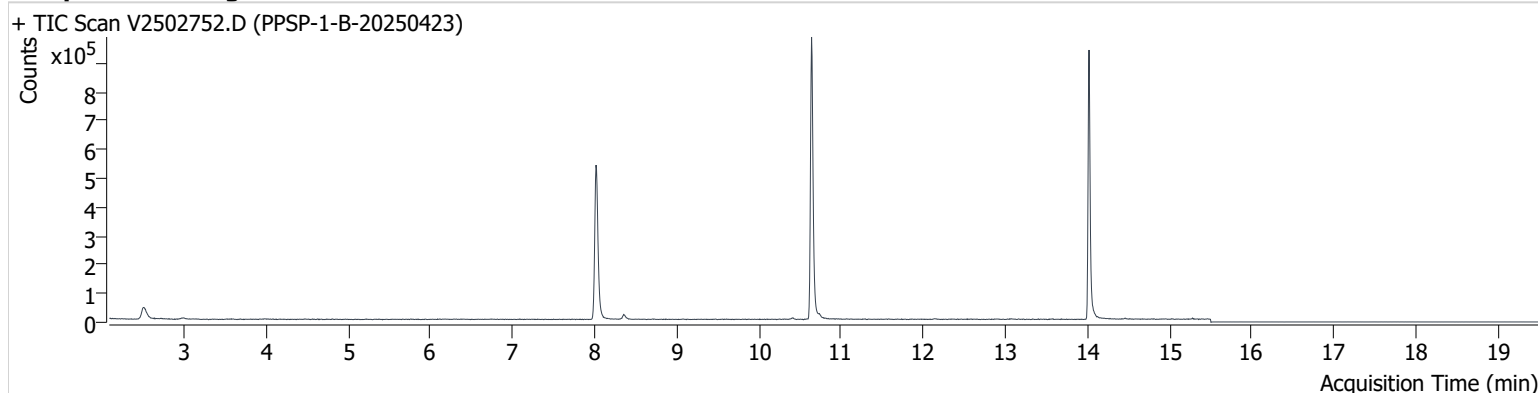


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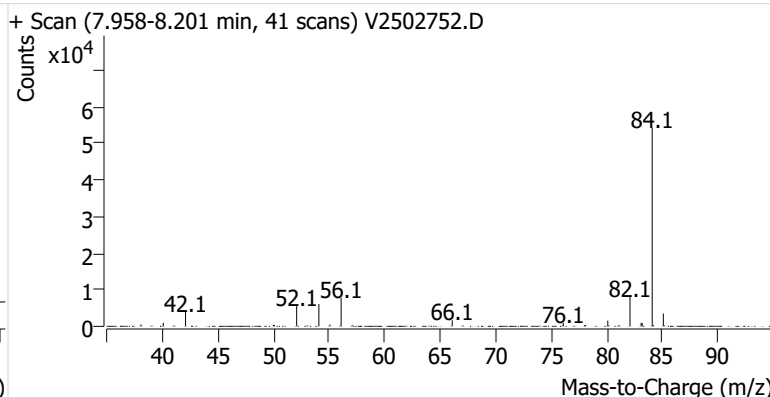
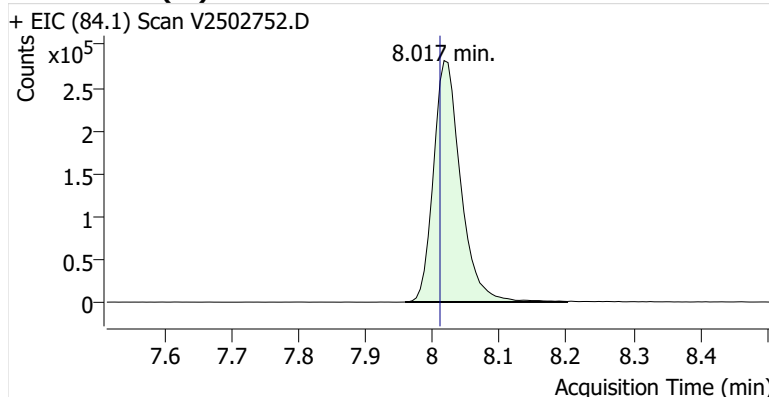
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Comment B27327
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Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

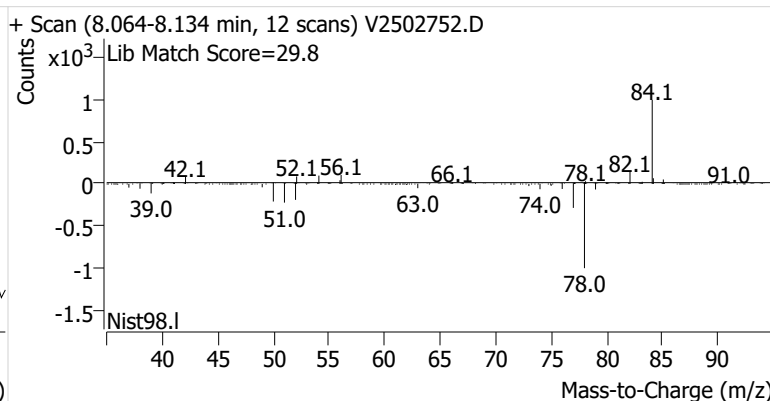
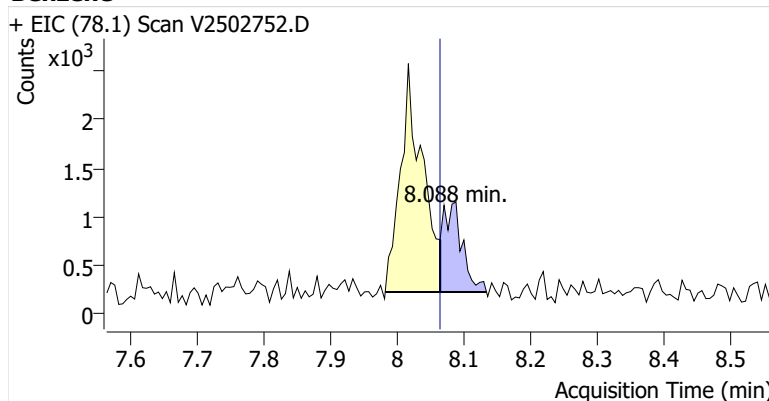


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.017	8.011	796,409	
Benzene	Benzene-d6 (IS)	8.088	8.064	1,840	
Toluene-d8 (IS)		10.640	10.634	855,819	
Toluene	Toluene-d8 (IS)	10.741	10.723	8,816	
Ethylbenzene	Toluene-d8 (IS)	12.890	12.878	1,289	
m-/p-Xylenes	Toluene-d8 (IS)	13.074	13.068	1,212	
o-Xylene	Toluene-d8 (IS)	13.554	13.548	971	

Benzene-d6 (IS)

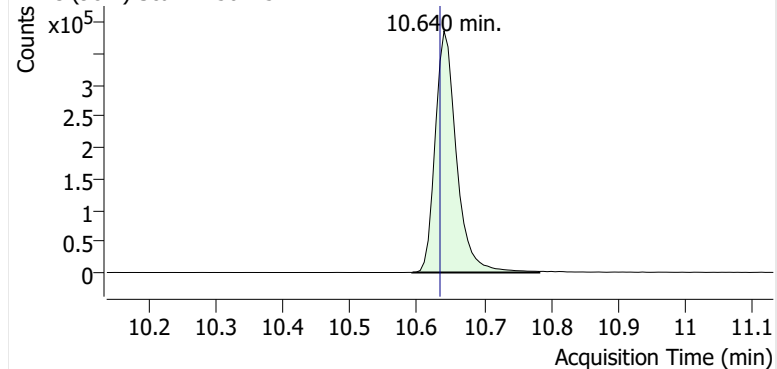


Benzene

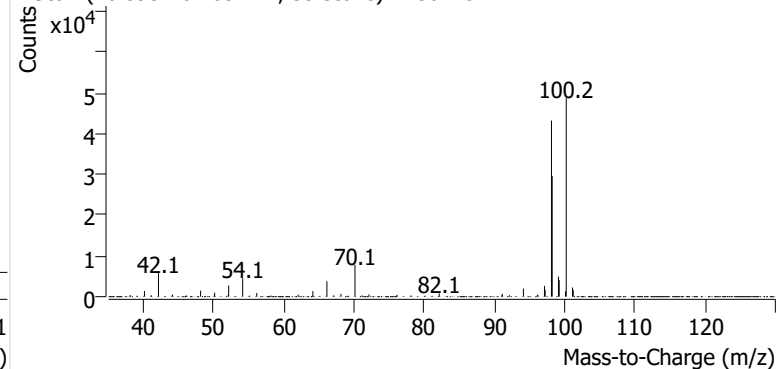


Toluene-d8 (IS)

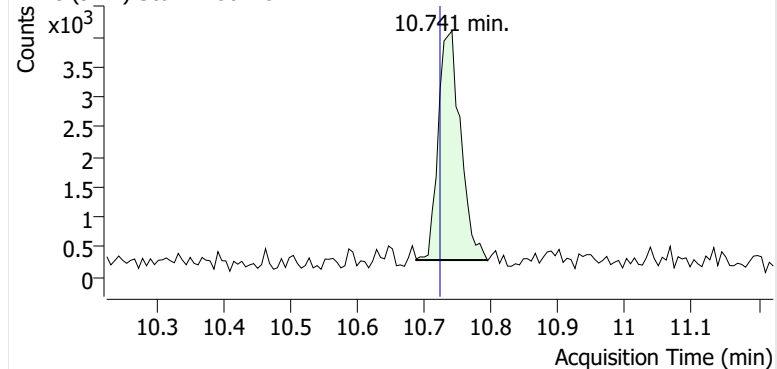
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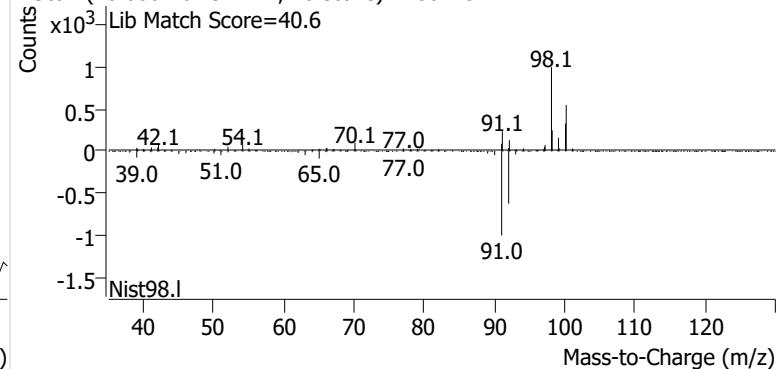
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**Toluene**

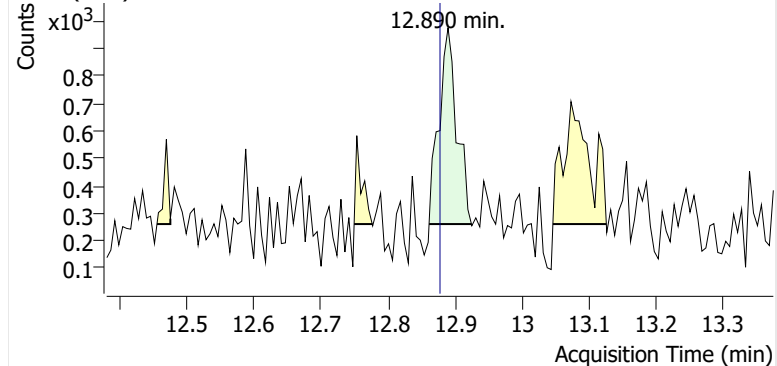
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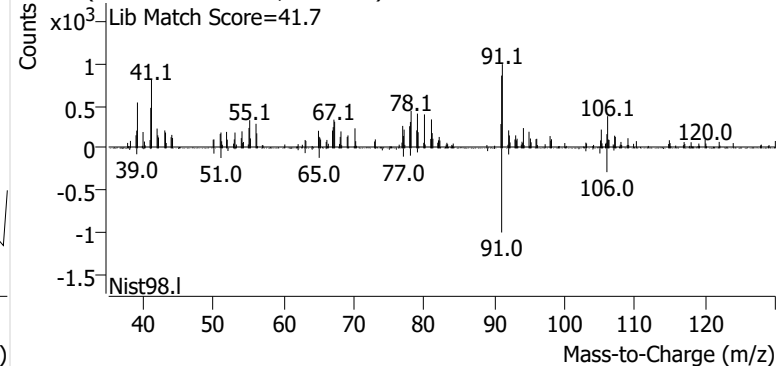
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**Ethylbenzene**

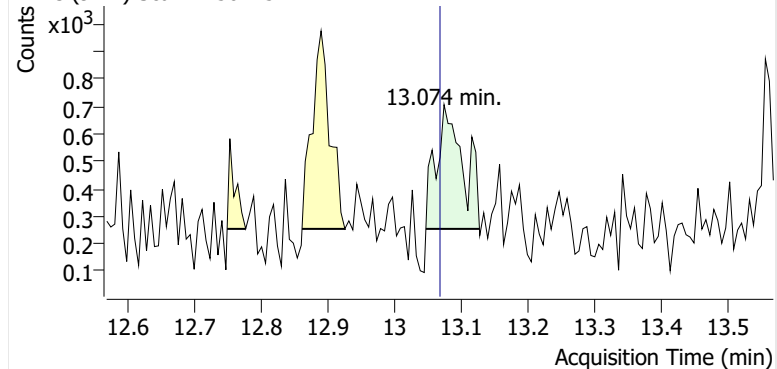
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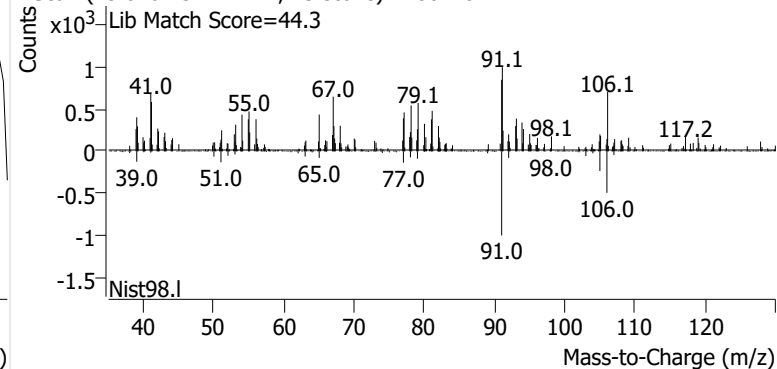
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**m-/p-Xylenes**

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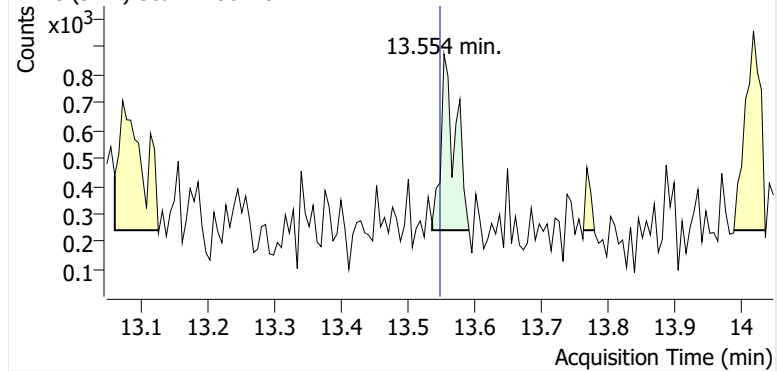


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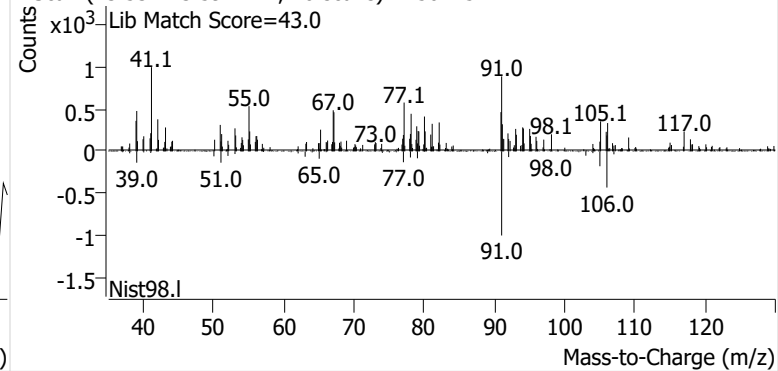


o-Xylene

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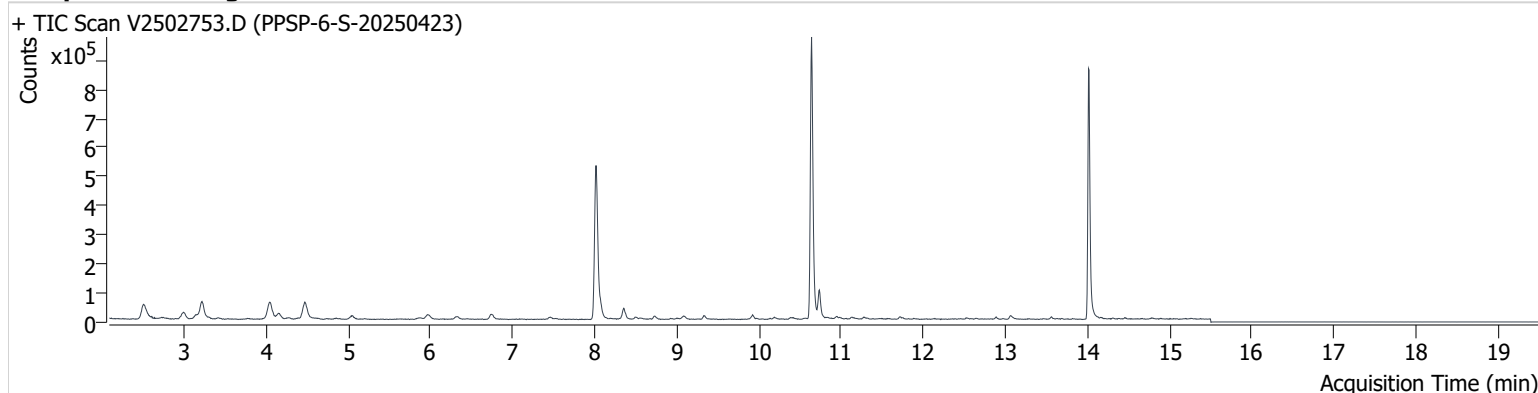


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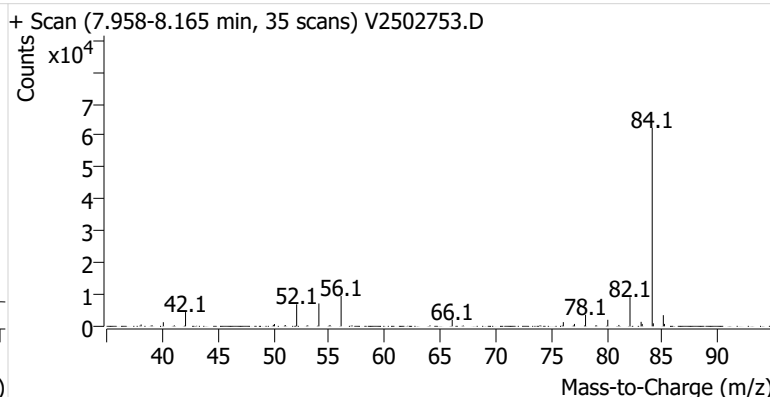
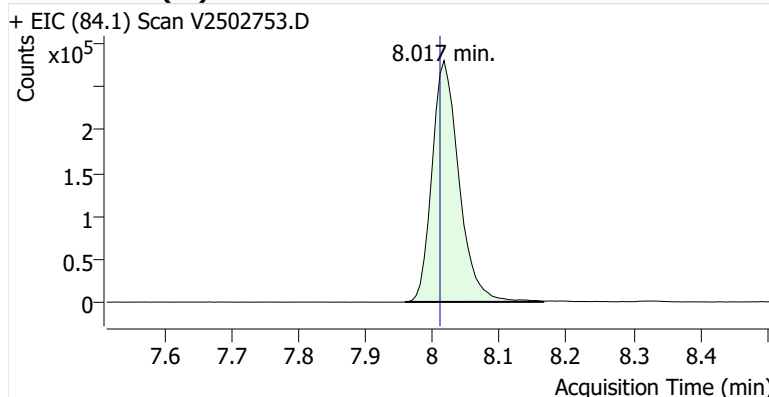
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Comment B25820
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Acq. Date-Time 5/9/2025 7:19:34 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

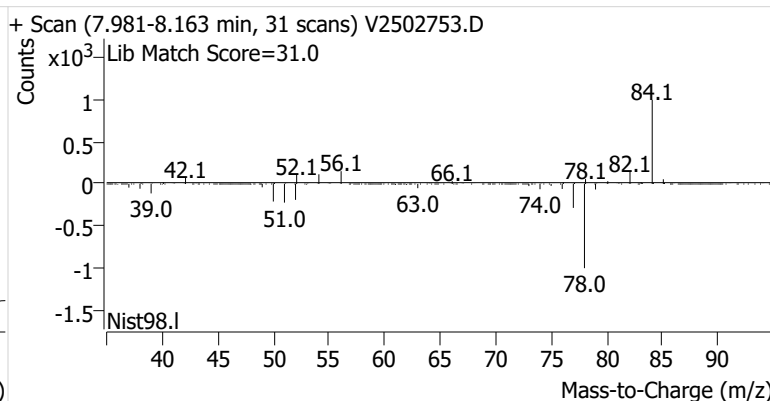
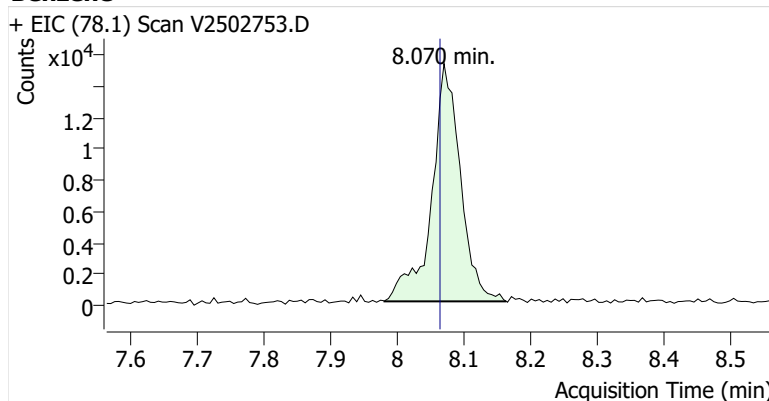


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.017	8.011	786,327	
Benzene	Benzene-d6 (IS)	8.070	8.064	45,795	
Toluene-d8 (IS)		10.640	10.634	842,444	
Toluene	Toluene-d8 (IS)	10.729	10.723	86,889	
Ethylbenzene	Toluene-d8 (IS)	12.884	12.878	5,765	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	11,061	
o-Xylene	Toluene-d8 (IS)	13.560	13.548	5,033	

Benzene-d6 (IS)

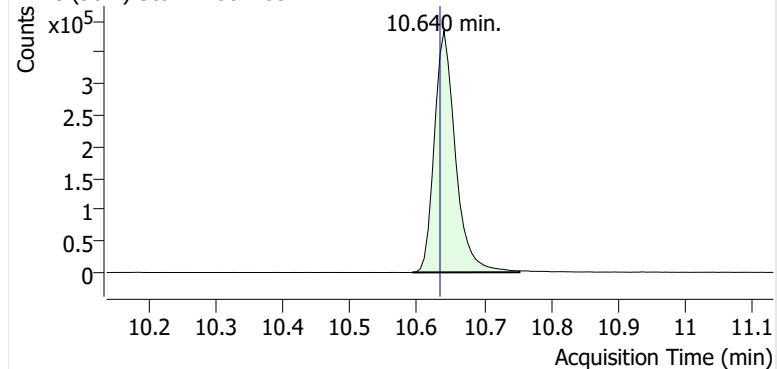


Benzene

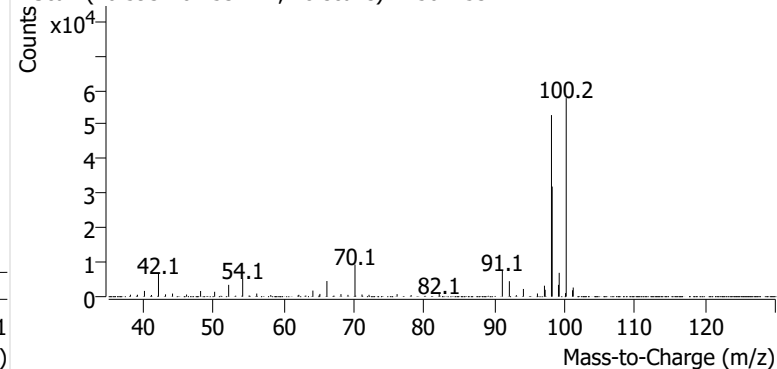


Toluene-d8 (IS)

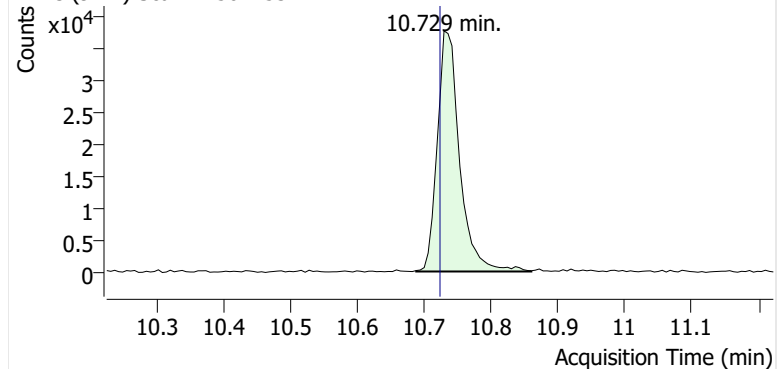
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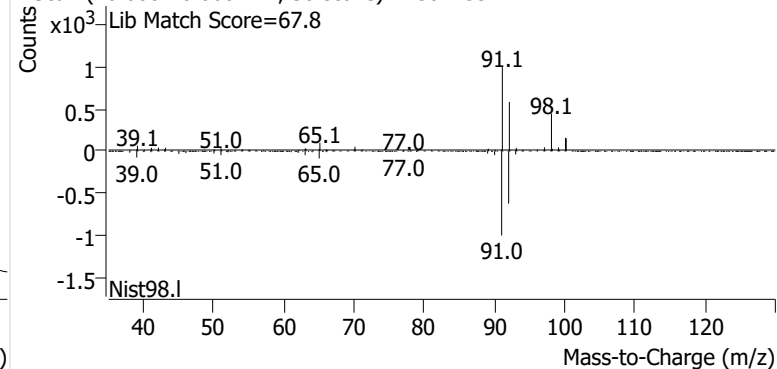
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**Toluene**

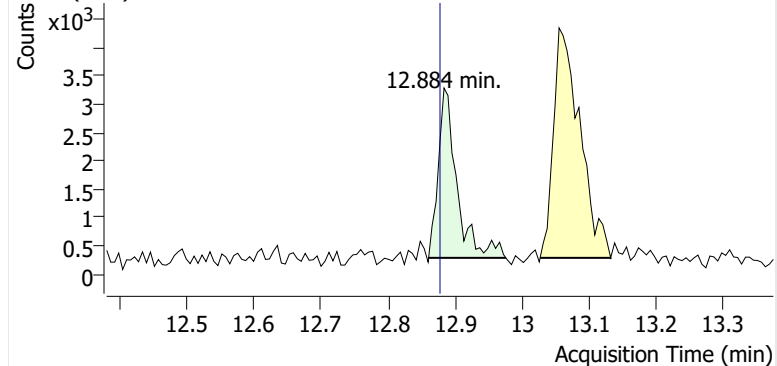
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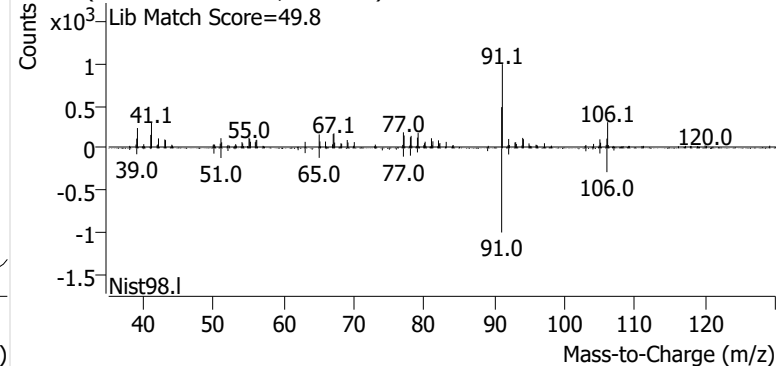
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**Ethylbenzene**

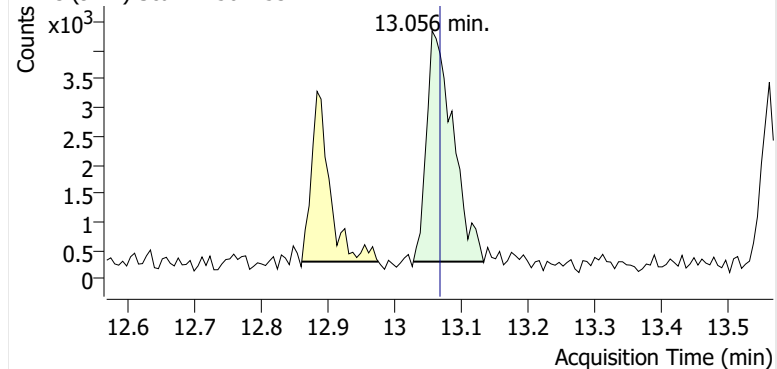
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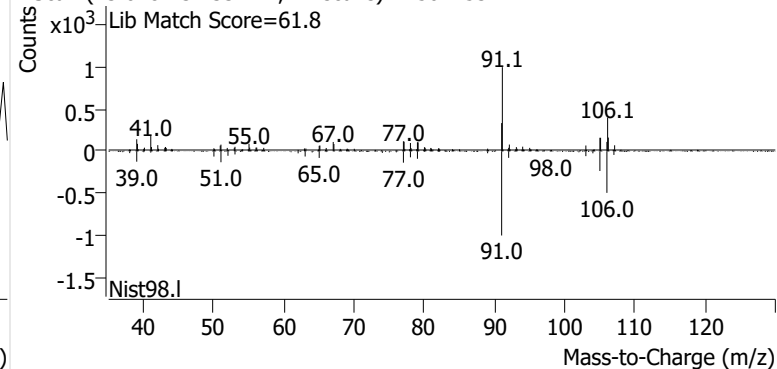
+ Scan (12.861-12.976 min, 19 scans) V2502753.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502753.D

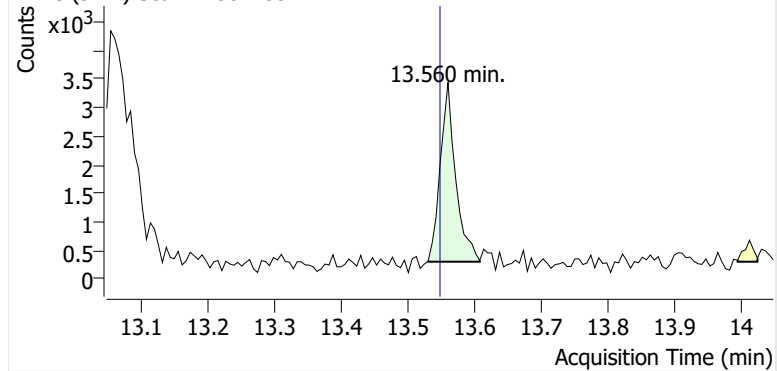


+ Scan (13.028-13.133 min, 17 scans) V2502753.D

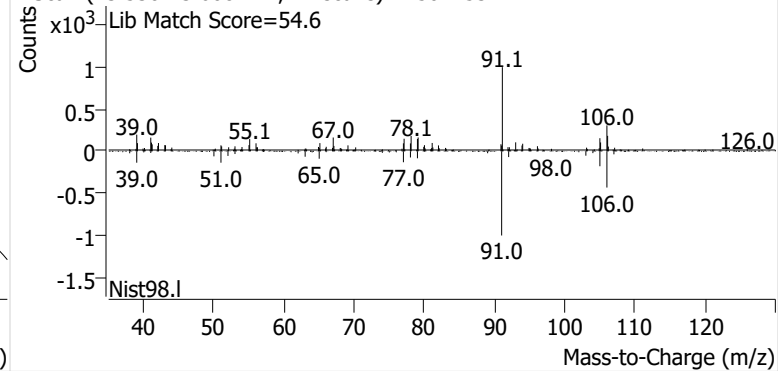


o-Xylene

+ EIC (91.1) Scan V2502753.D

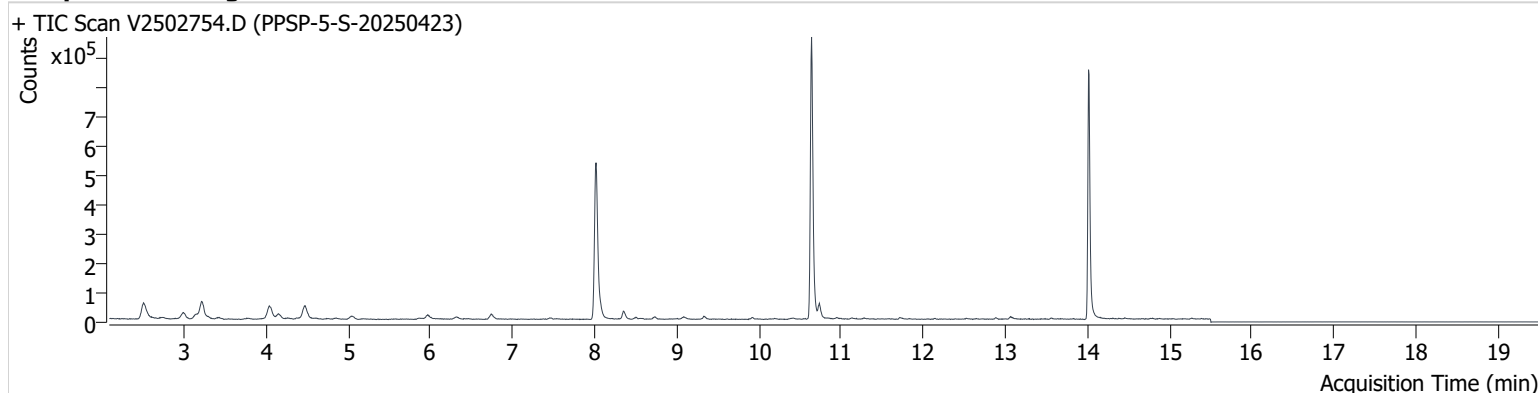


+ Scan (13.530-13.608 min, 14 scans) V2502753.D



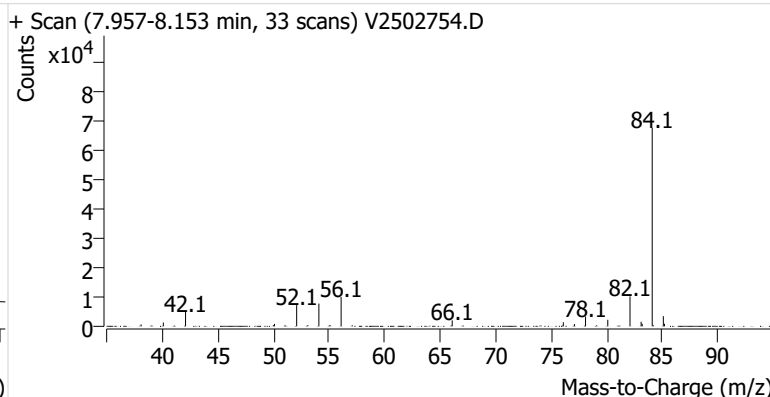
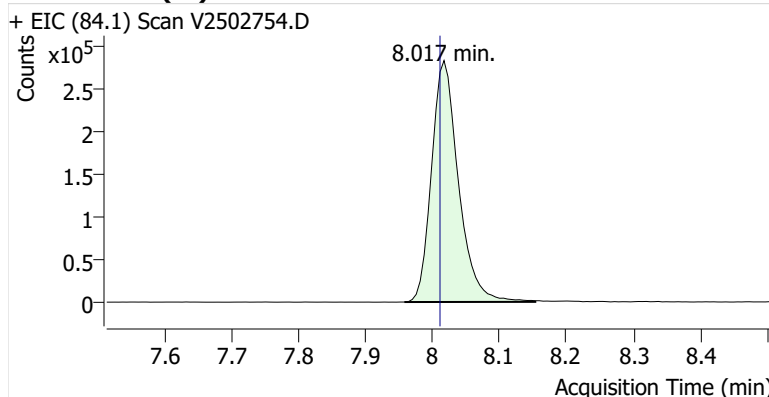
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Comment C31348
Data File V2502754.D
Acq. Date-Time 5/9/2025 8:00:47 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

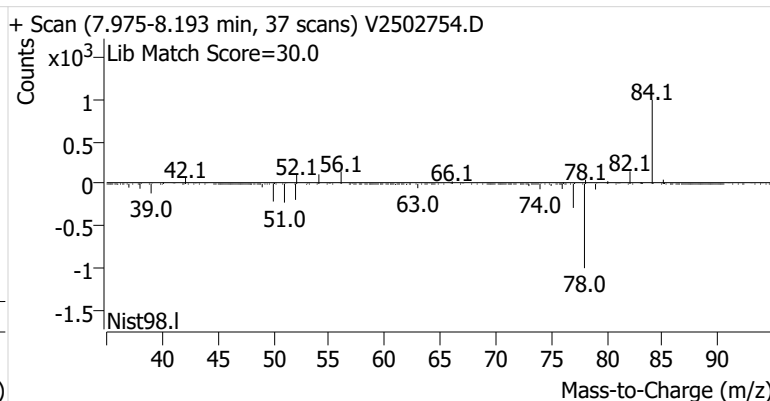
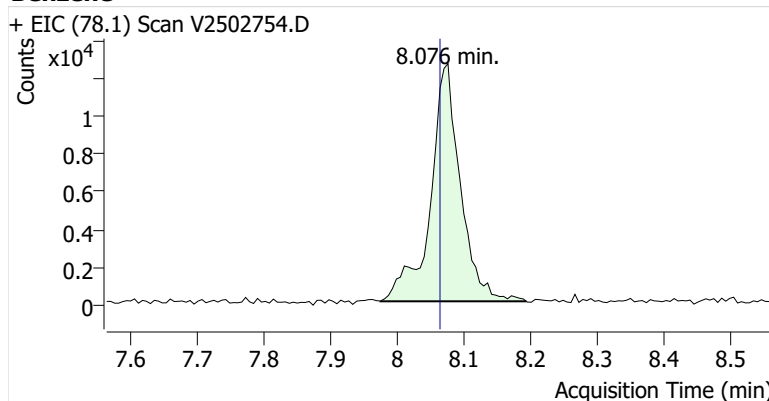


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.017	8.011	794,006	
Benzene	Benzene-d6 (IS)	8.076	8.064	39,280	
Toluene-d8 (IS)		10.640	10.634	835,728	
Toluene	Toluene-d8 (IS)	10.735	10.723	38,771	
Ethylbenzene	Toluene-d8 (IS)	12.884	12.878	4,088	
m-/p-Xylenes	Toluene-d8 (IS)	13.062	13.068	8,127	
o-Xylene	Toluene-d8 (IS)	13.554	13.548	3,658	

Benzene-d6 (IS)

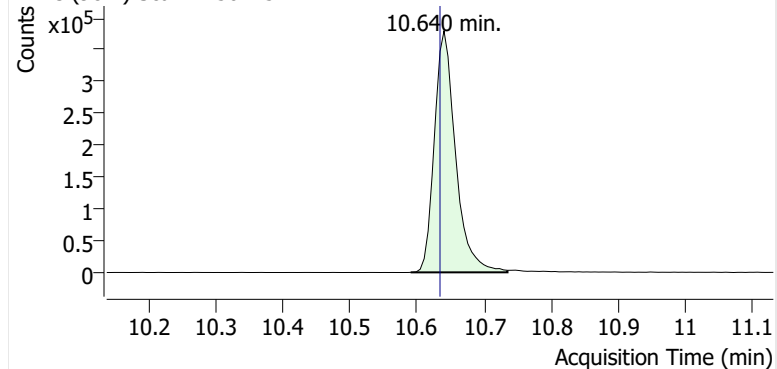


Benzene

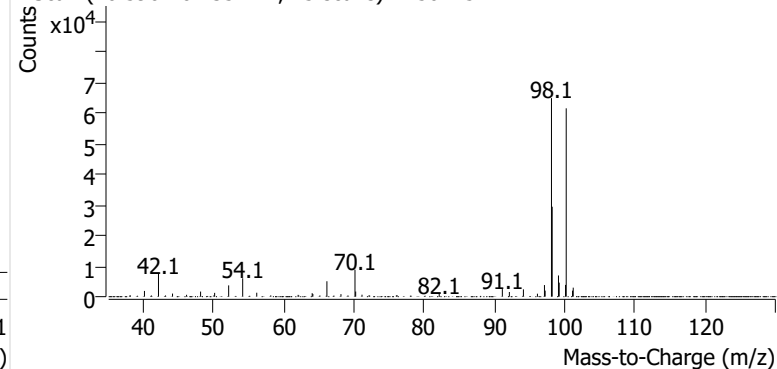


Toluene-d8 (IS)

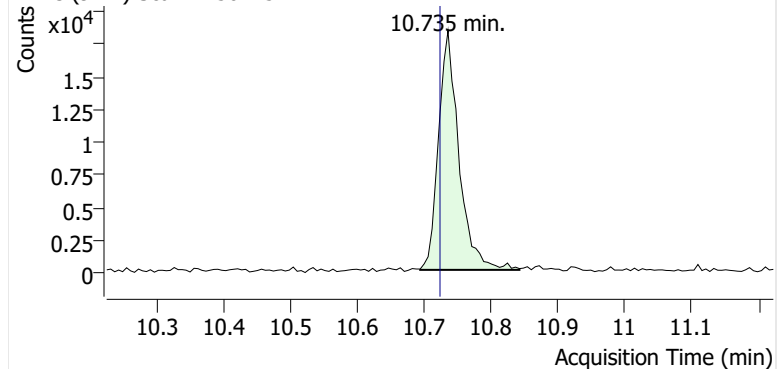
+ EIC (98.1) Scan V2502754.D



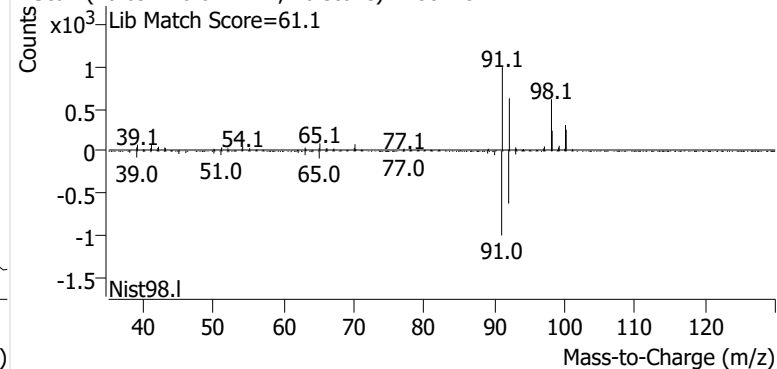
+ Scan (10.590-10.735 min, 25 scans) V2502754.D

**Toluene**

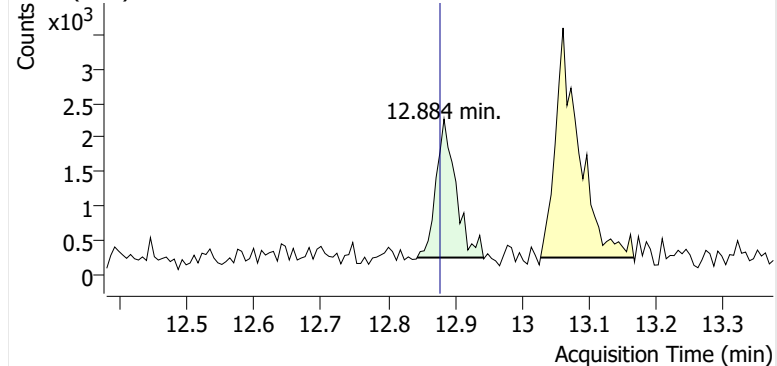
+ EIC (91.1) Scan V2502754.D



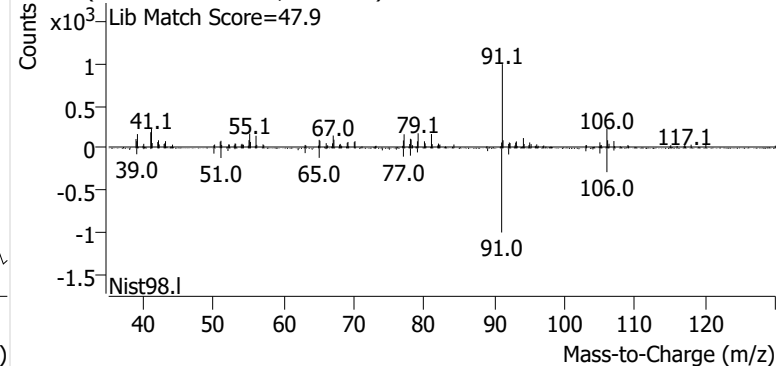
+ Scan (10.694-10.842 min, 26 scans) V2502754.D

**Ethylbenzene**

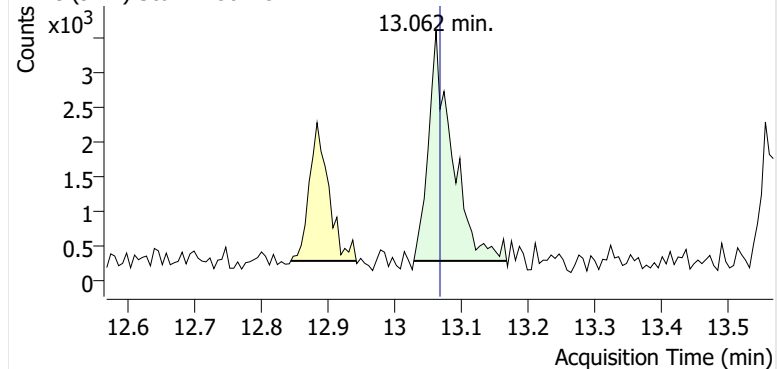
+ EIC (91.1) Scan V2502754.D



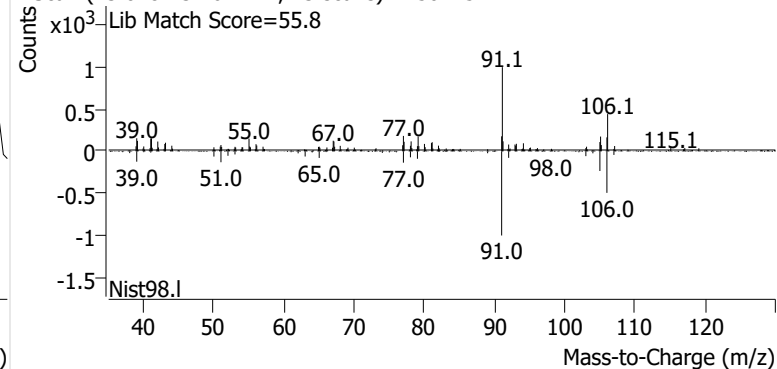
+ Scan (12.843-12.943 min, 16 scans) V2502754.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502754.D

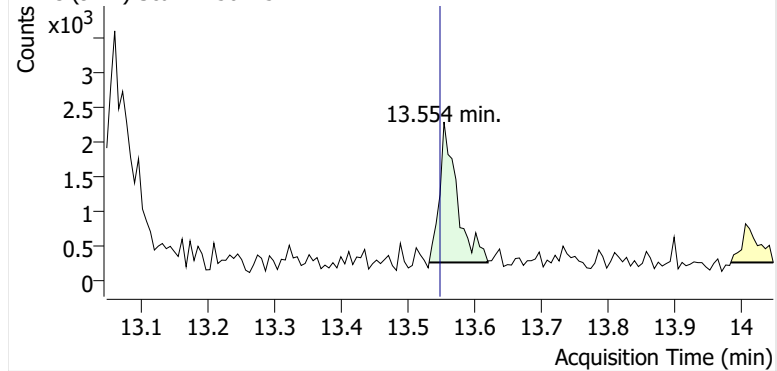


+ Scan (13.028-13.167 min, 23 scans) V2502754.D

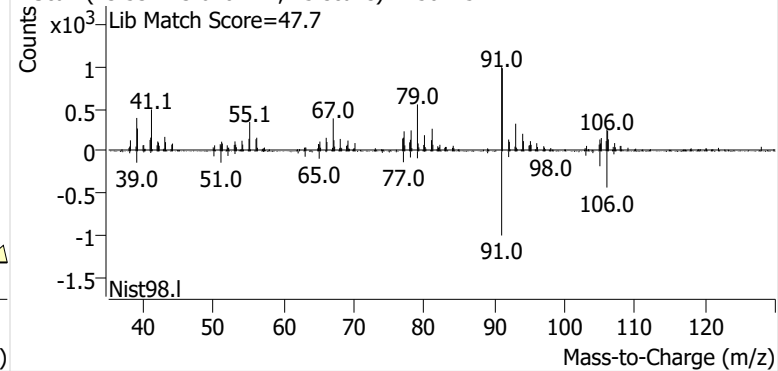


o-Xylene

+ EIC (91.1) Scan V2502754.D

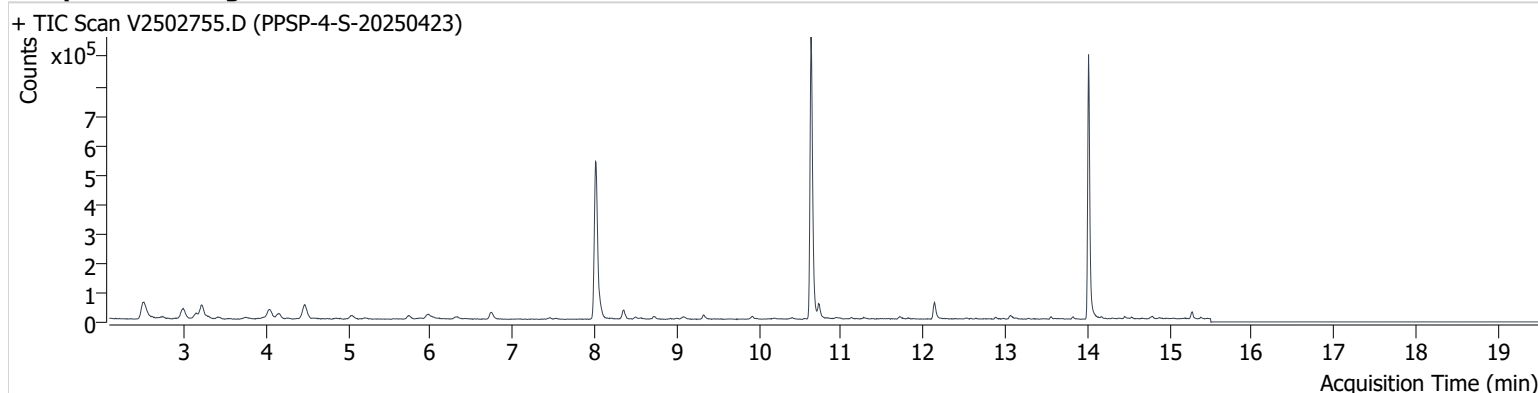


+ Scan (13.532-13.620 min, 15 scans) V2502754.D



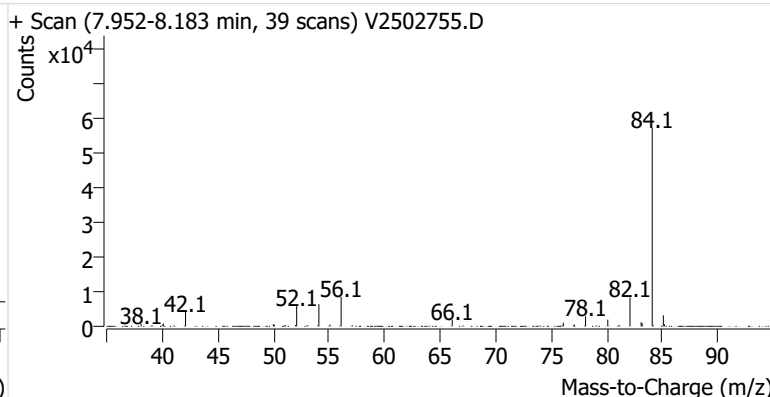
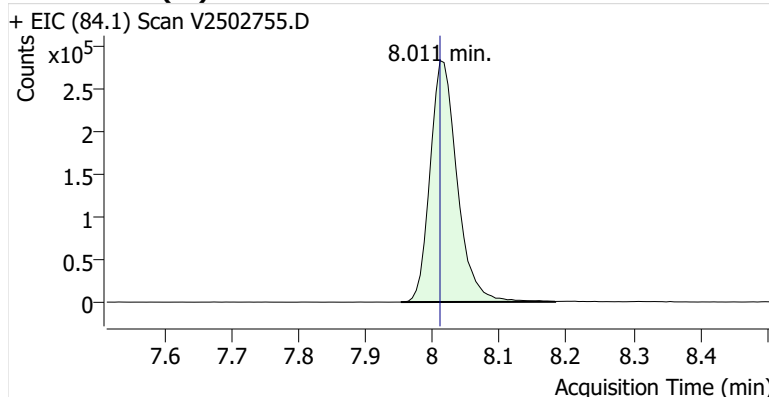
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Comment C59945
Data File V2502755.D
Acq. Date-Time 5/9/2025 8:41:58 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

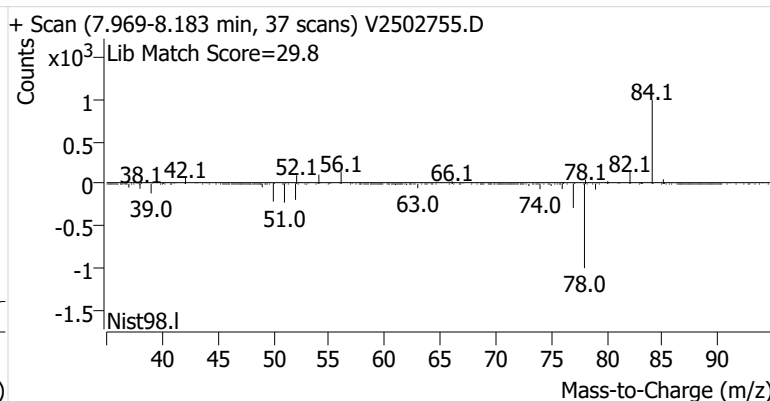
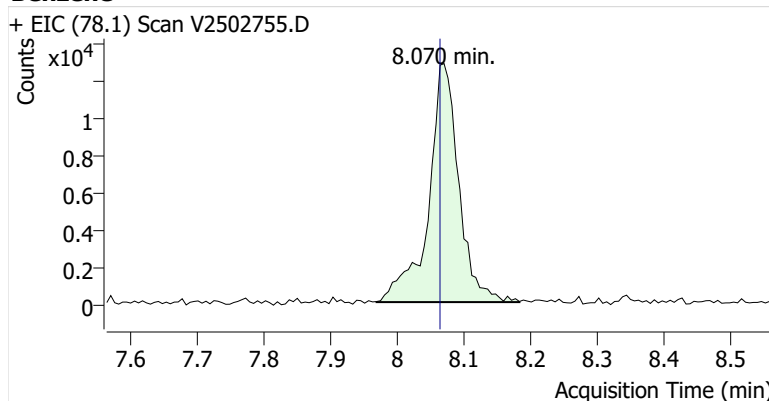


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.011	8.011	796,370	
Benzene	Benzene-d6 (IS)	8.070	8.064	40,121	
Toluene-d8 (IS)		10.634	10.634	839,133	
Toluene	Toluene-d8 (IS)	10.735	10.723	37,129	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	4,249	
m-/p-Xylenes	Toluene-d8 (IS)	13.062	13.068	12,098	
o-Xylene	Toluene-d8 (IS)	13.554	13.548	5,142	

Benzene-d6 (IS)

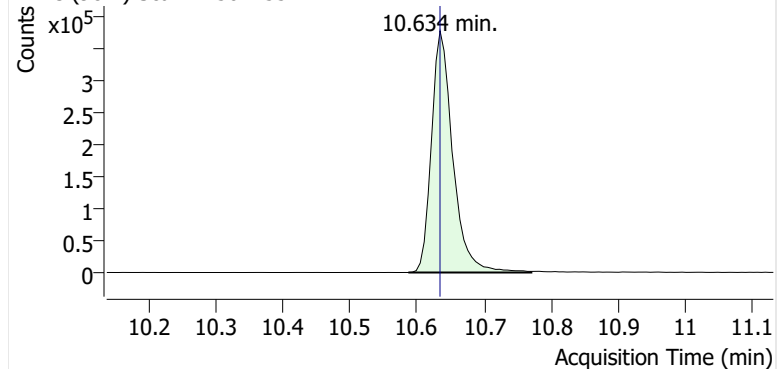


Benzene

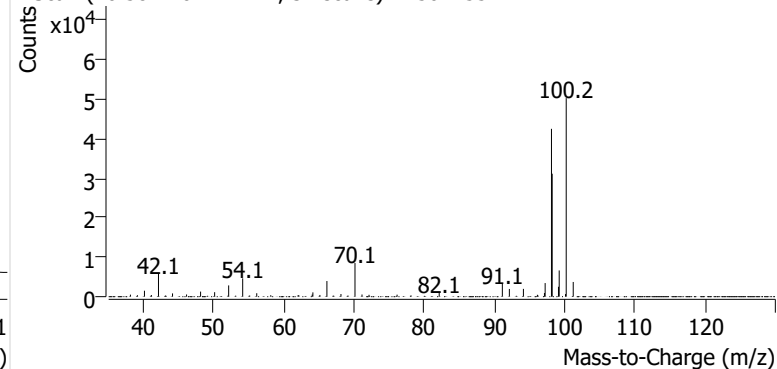


Toluene-d8 (IS)

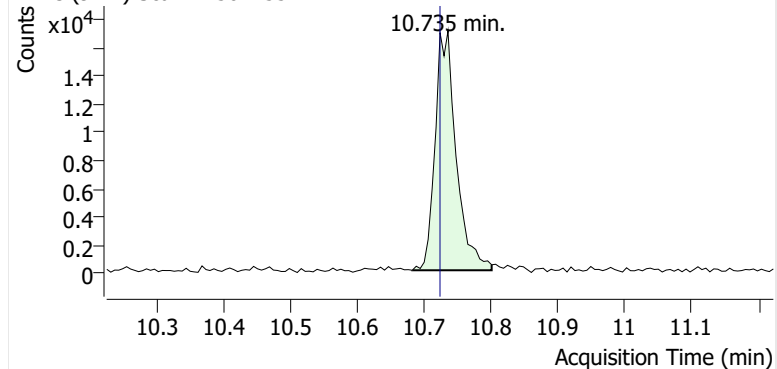
+ EIC (98.1) Scan V2502755.D



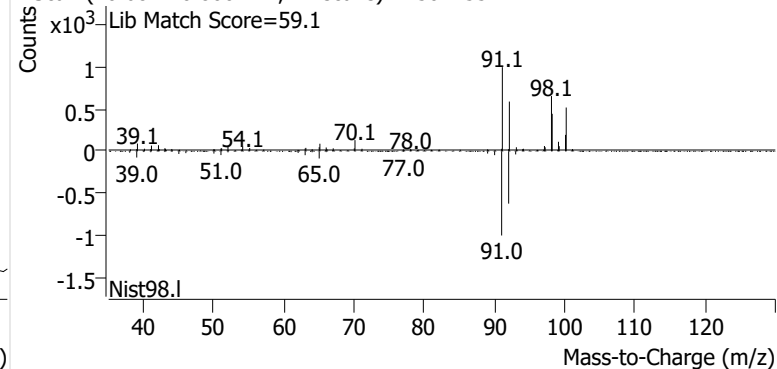
+ Scan (10.587-10.771 min, 32 scans) V2502755.D

**Toluene**

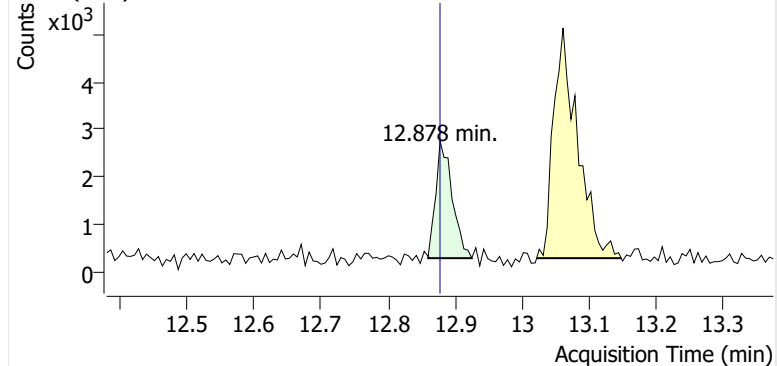
+ EIC (91.1) Scan V2502755.D



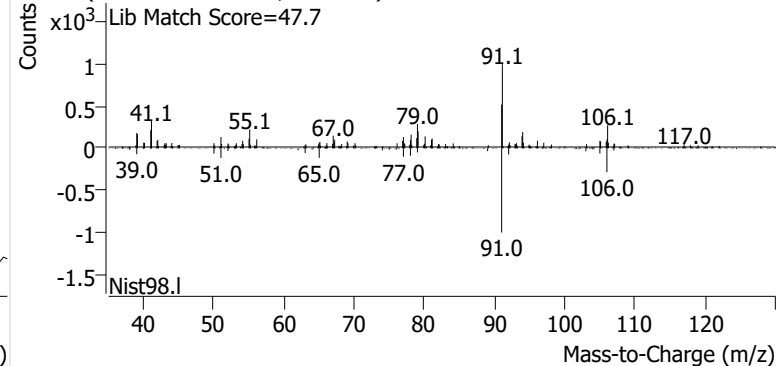
+ Scan (10.682-10.800 min, 21 scans) V2502755.D

**Ethylbenzene**

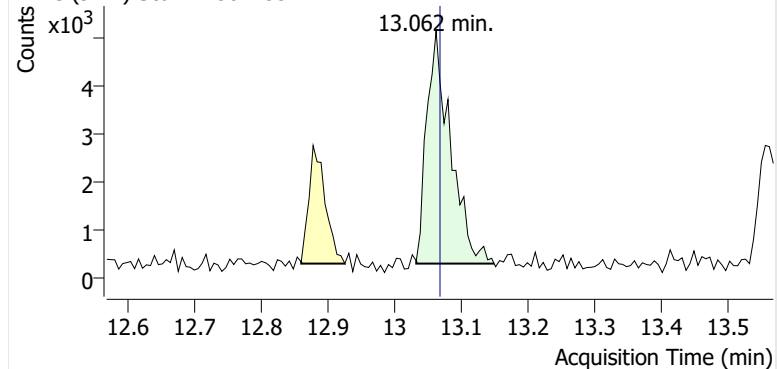
+ EIC (91.1) Scan V2502755.D



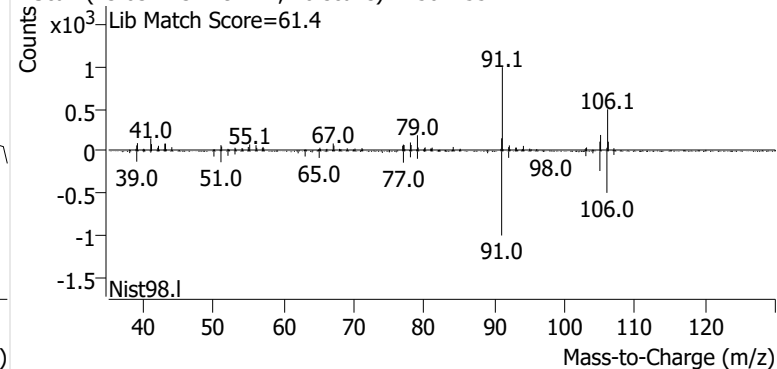
+ Scan (12.860-12.925 min, 12 scans) V2502755.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502755.D

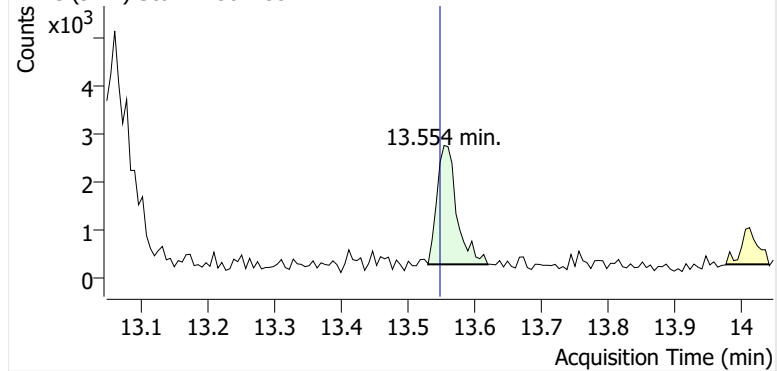


+ Scan (13.032-13.149 min, 20 scans) V2502755.D

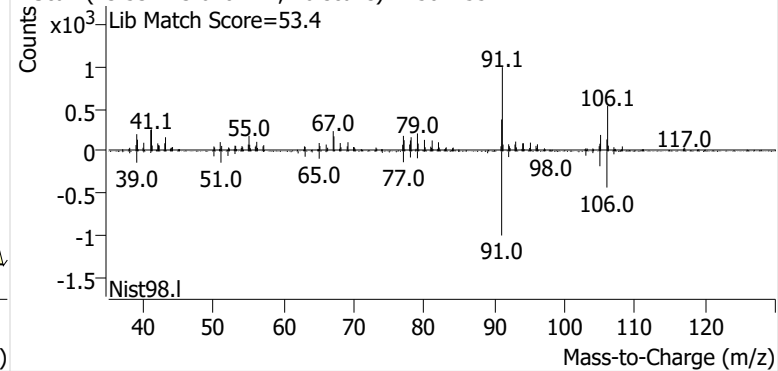


o-Xylene

+ EIC (91.1) Scan V2502755.D

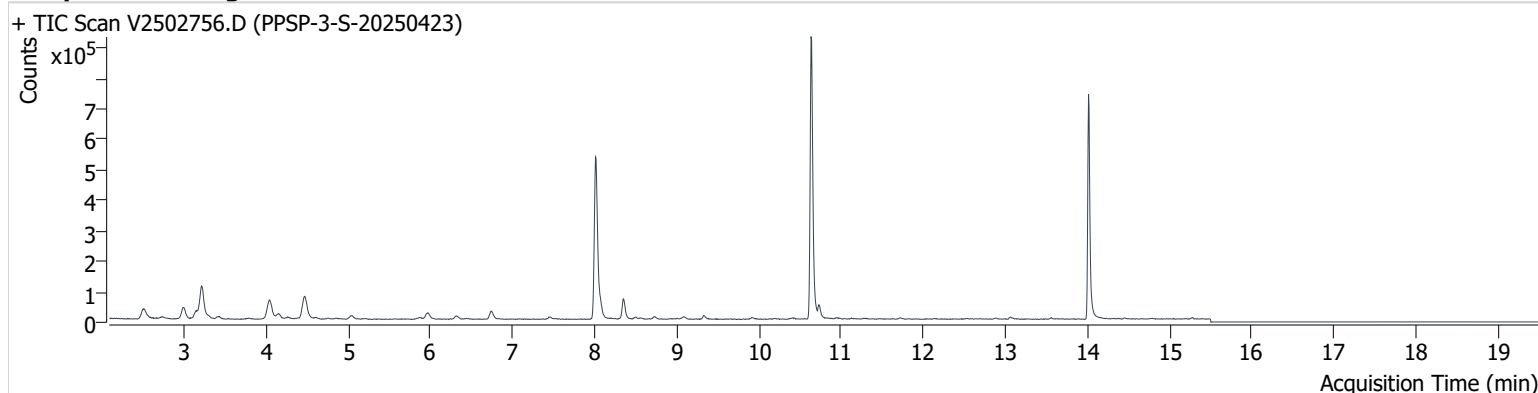


+ Scan (13.531-13.620 min, 16 scans) V2502755.D



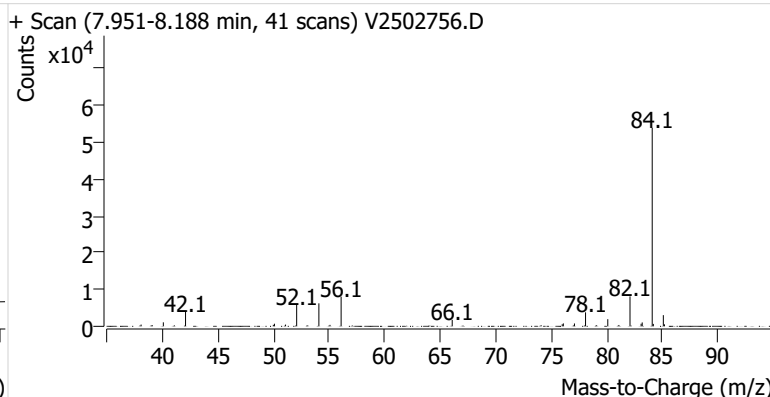
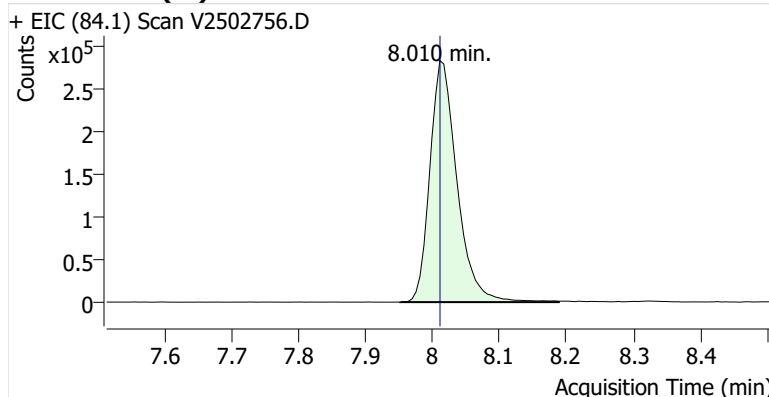
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Comment B14941
Data File V2502756.D
Acq. Date-Time 5/9/2025 9:23:10 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

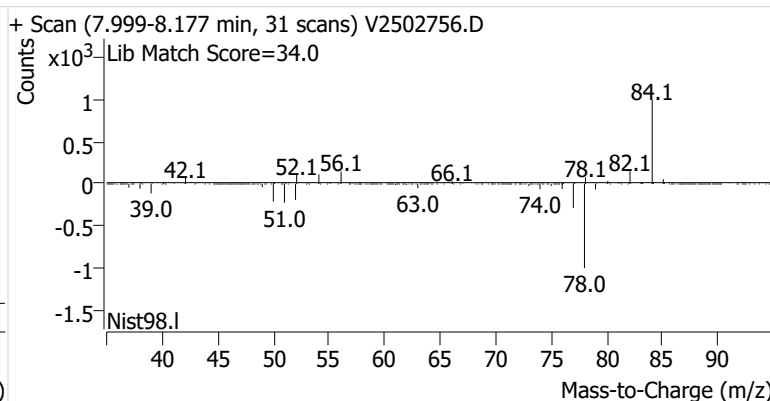
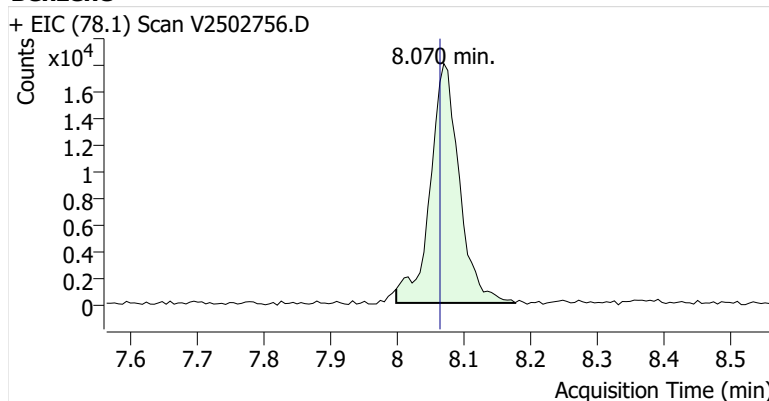


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.010	8.011	797,141	
Benzene	Benzene-d6 (IS)	8.070	8.064	54,679	
Toluene-d8 (IS)		10.634	10.634	835,913	
Toluene	Toluene-d8 (IS)	10.729	10.723	33,625	
Ethylbenzene	Toluene-d8 (IS)	12.883	12.878	2,583	
m-/p-Xylenes	Toluene-d8 (IS)	13.061	13.068	6,497	
o-Xylene	Toluene-d8 (IS)	13.560	13.548	3,143	

Benzene-d6 (IS)

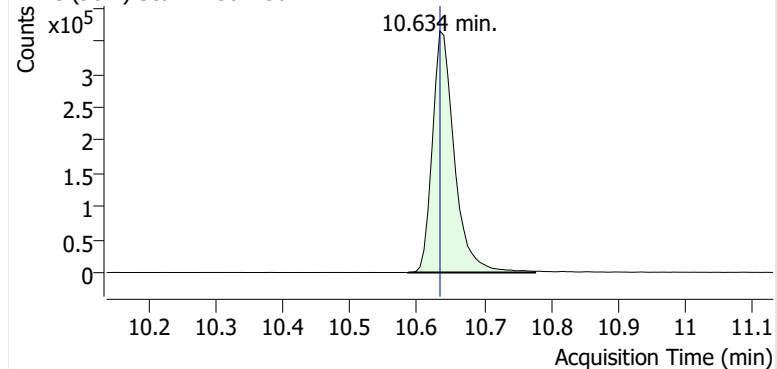


Benzene

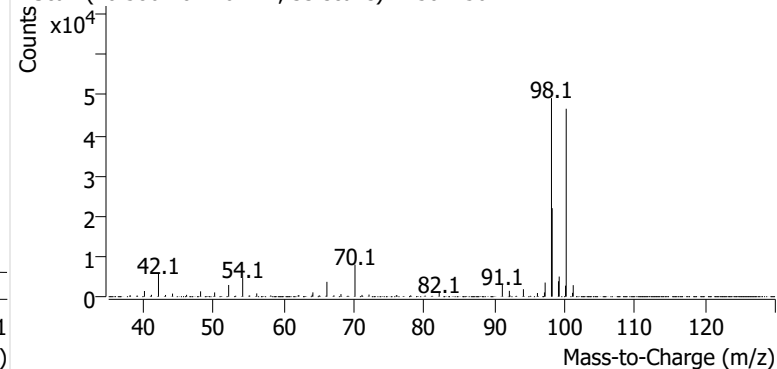


Toluene-d8 (IS)

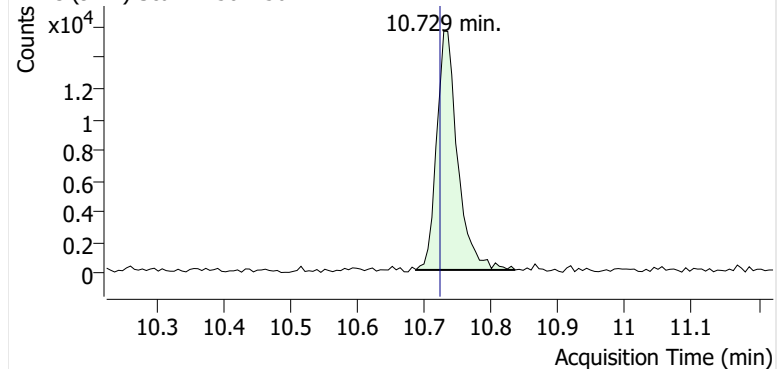
+ EIC (98.1) Scan V2502756.D



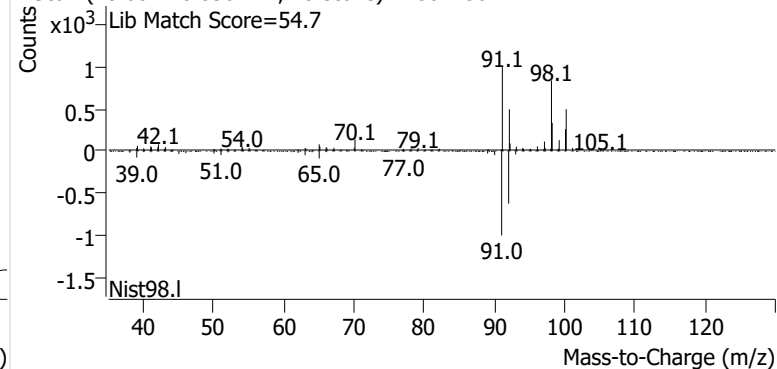
+ Scan (10.586-10.776 min, 33 scans) V2502756.D

**Toluene**

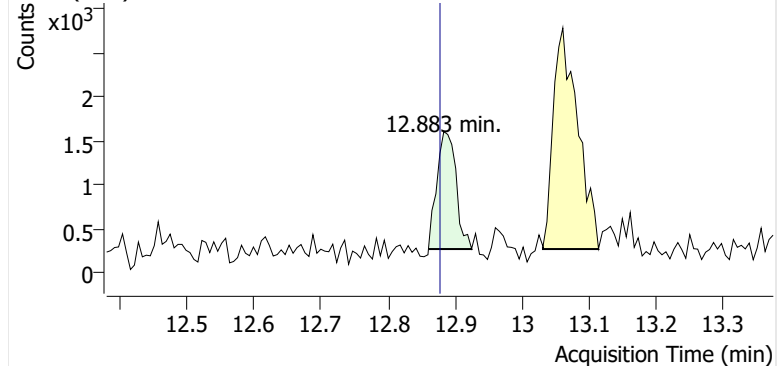
+ EIC (91.1) Scan V2502756.D



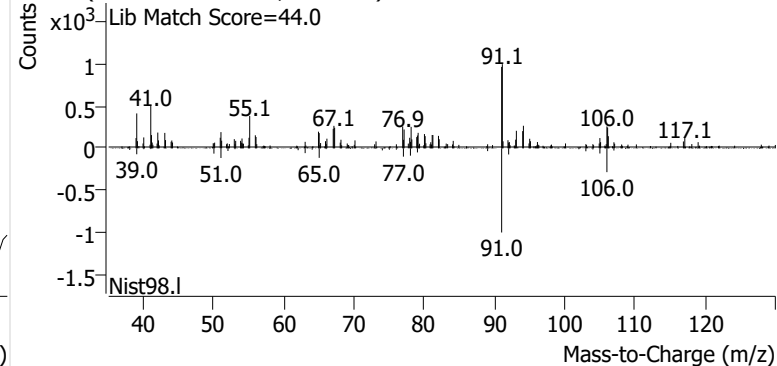
+ Scan (10.687-10.836 min, 25 scans) V2502756.D

**Ethylbenzene**

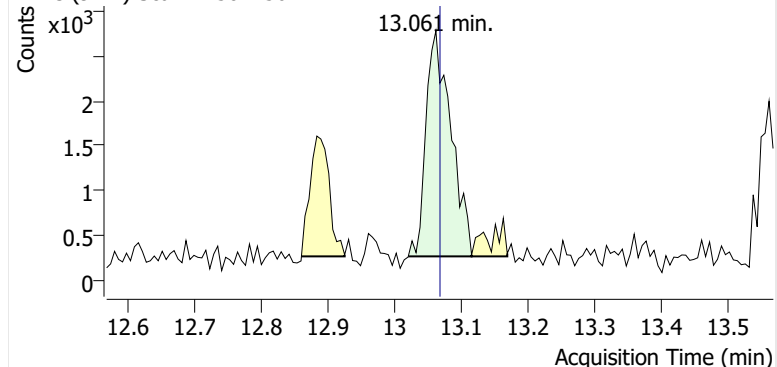
+ EIC (91.1) Scan V2502756.D



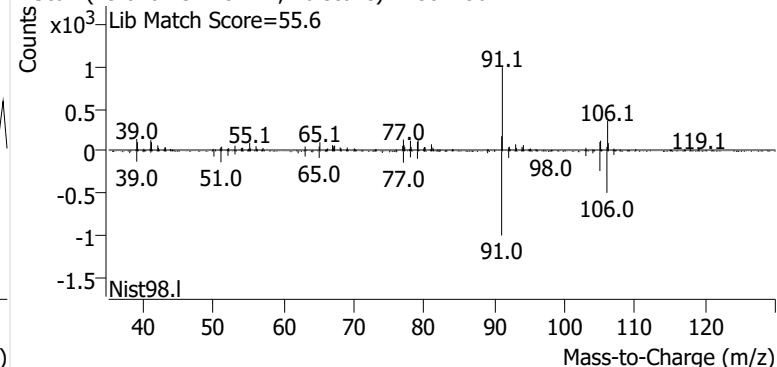
+ Scan (12.860-12.925 min, 11 scans) V2502756.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502756.D

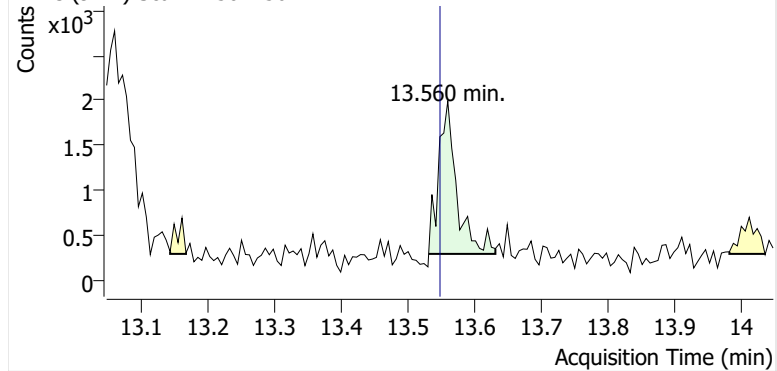


+ Scan (13.020-13.115 min, 16 scans) V2502756.D

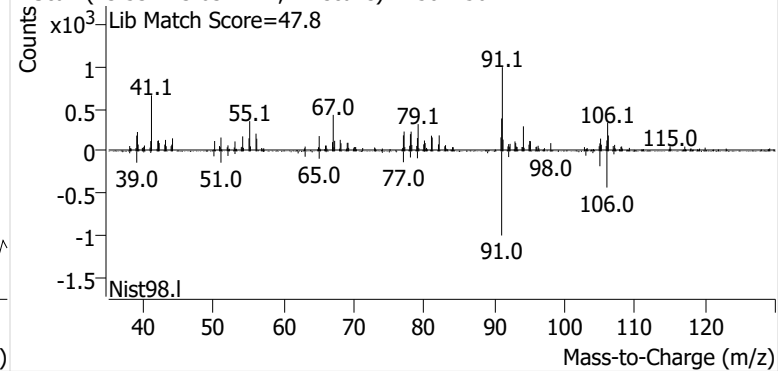


o-Xylene

+ EIC (91.1) Scan V2502756.D

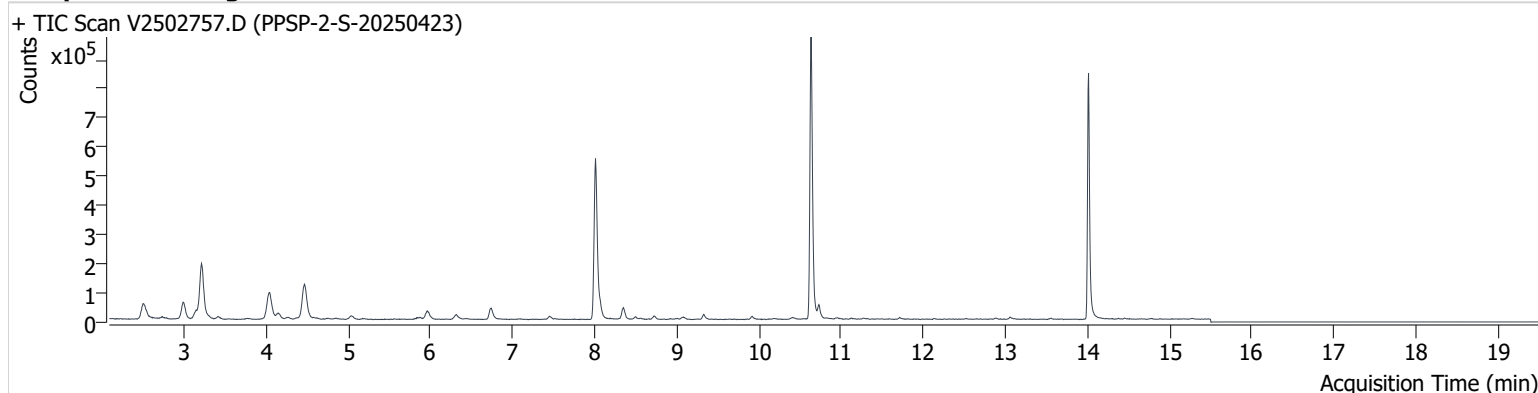


+ Scan (13.531-13.631 min, 17 scans) V2502756.D



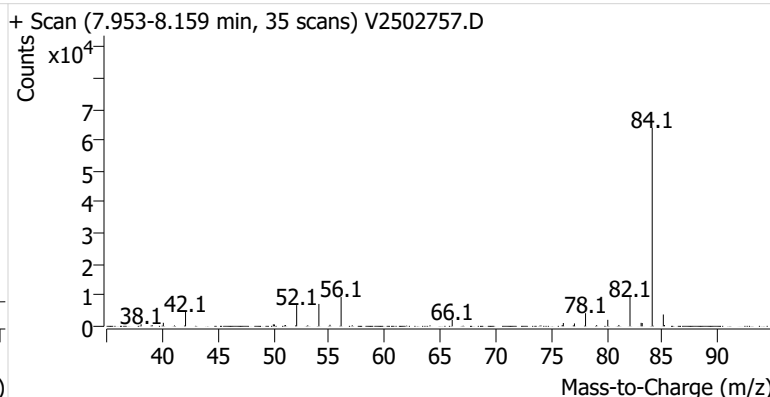
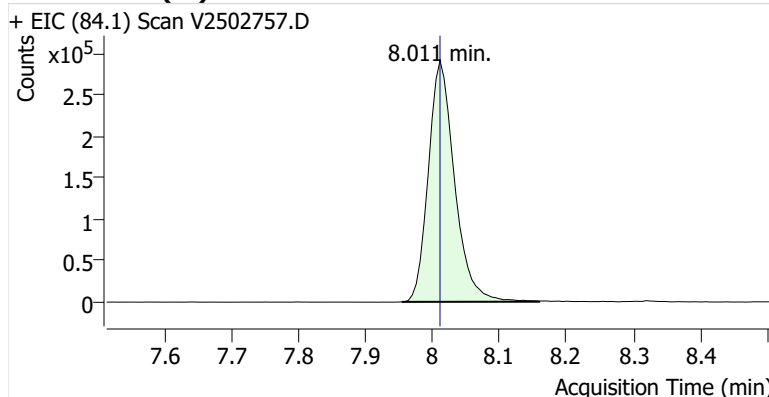
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Comment B29767
Data File V2502757.D
Acq. Date-Time 5/9/2025 10:04:23 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

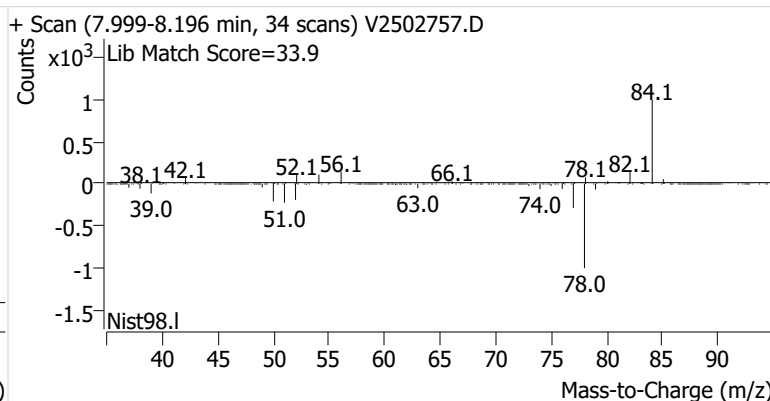
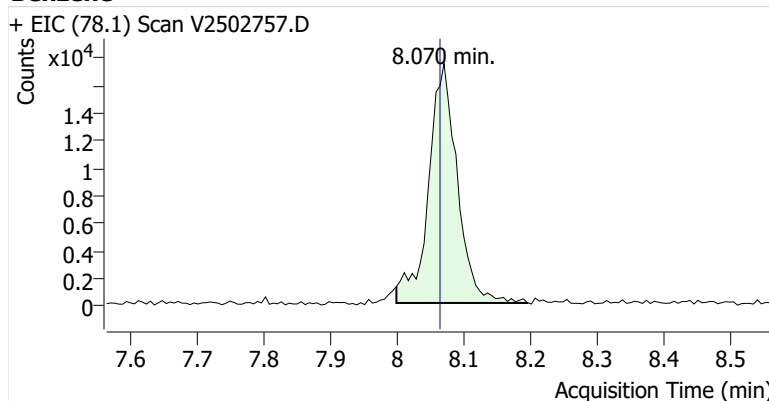


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.011	8.011	794,801	
Benzene	Benzene-d6 (IS)	8.070	8.064	52,151	
Toluene-d8 (IS)		10.634	10.634	849,092	
Toluene	Toluene-d8 (IS)	10.729	10.723	35,963	
Ethylbenzene	Toluene-d8 (IS)	12.884	12.878	3,867	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	6,111	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	3,113	

Benzene-d6 (IS)

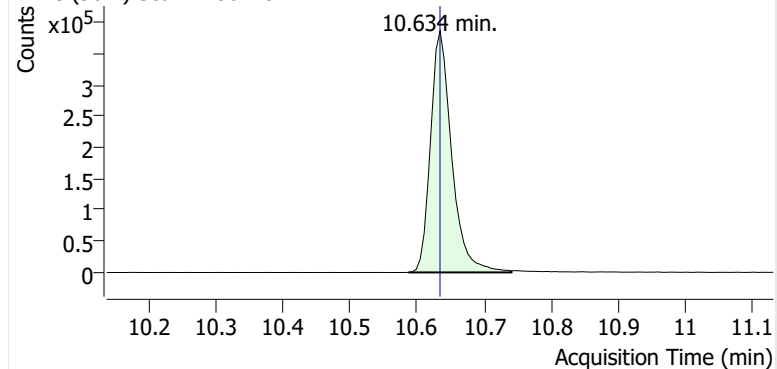


Benzene

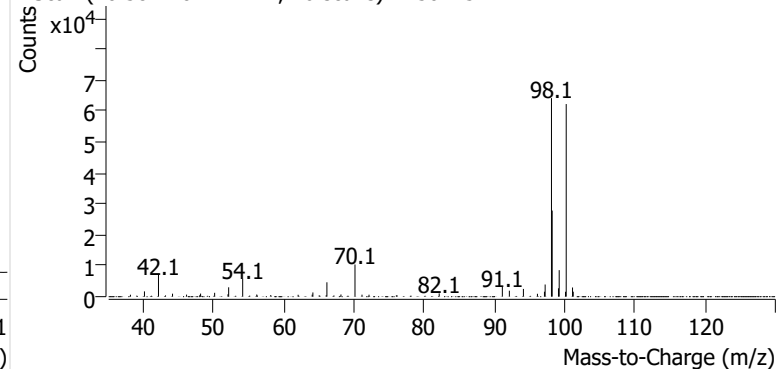


Toluene-d8 (IS)

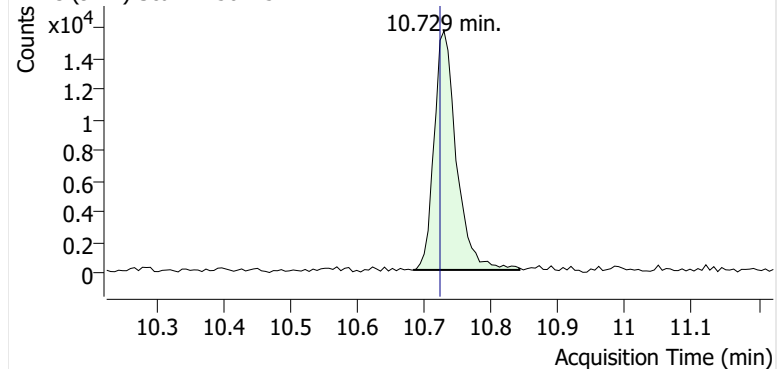
+ EIC (98.1) Scan V2502757.D



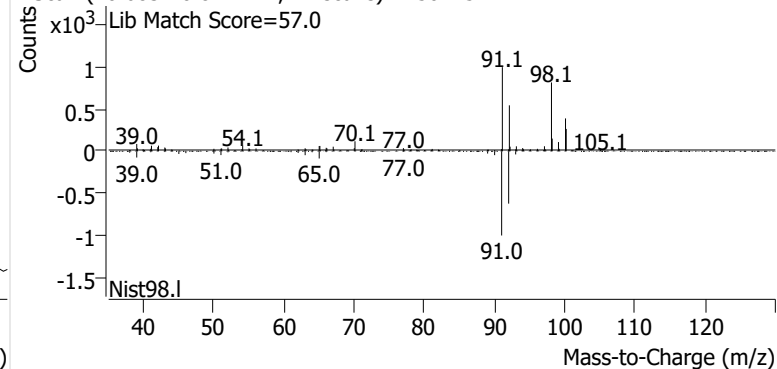
+ Scan (10.587-10.741 min, 26 scans) V2502757.D

**Toluene**

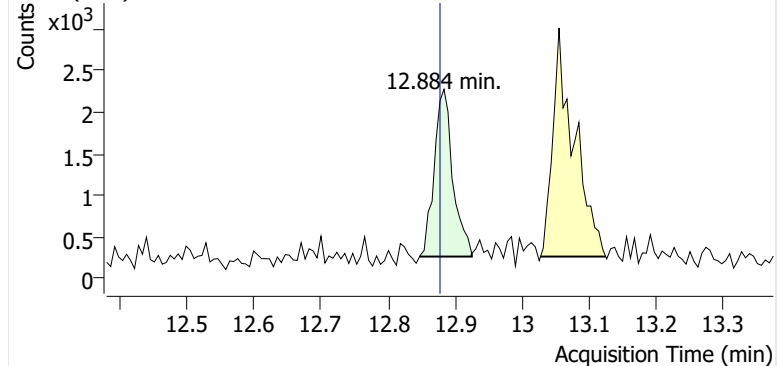
+ EIC (91.1) Scan V2502757.D



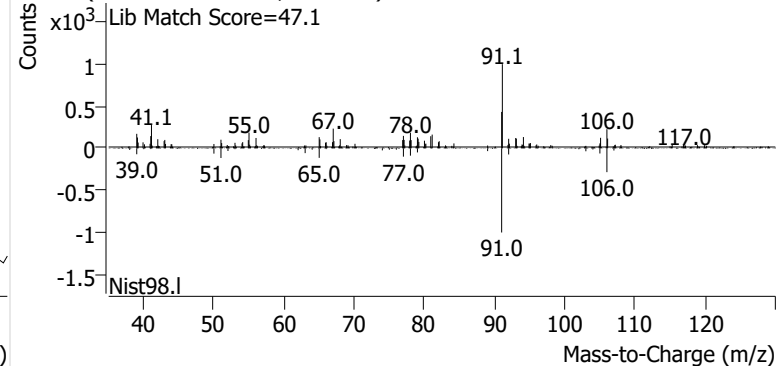
+ Scan (10.683-10.842 min, 27 scans) V2502757.D

**Ethylbenzene**

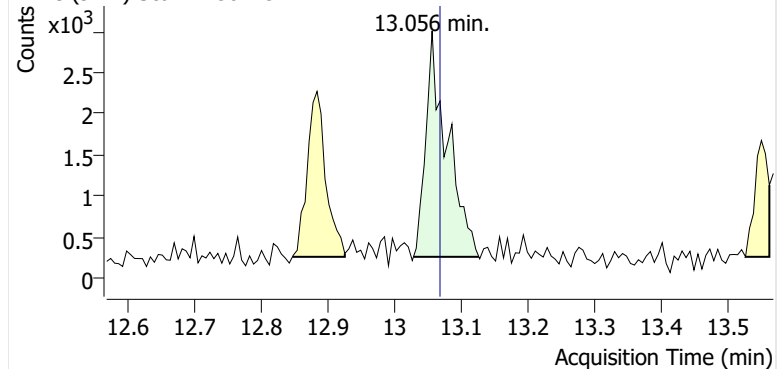
+ EIC (91.1) Scan V2502757.D



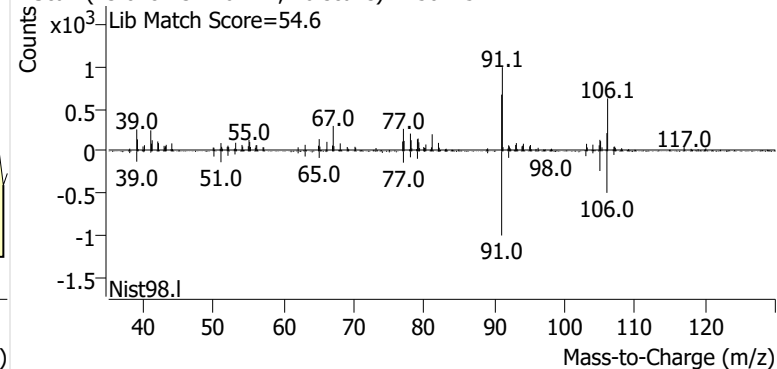
+ Scan (12.847-12.925 min, 14 scans) V2502757.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502757.D

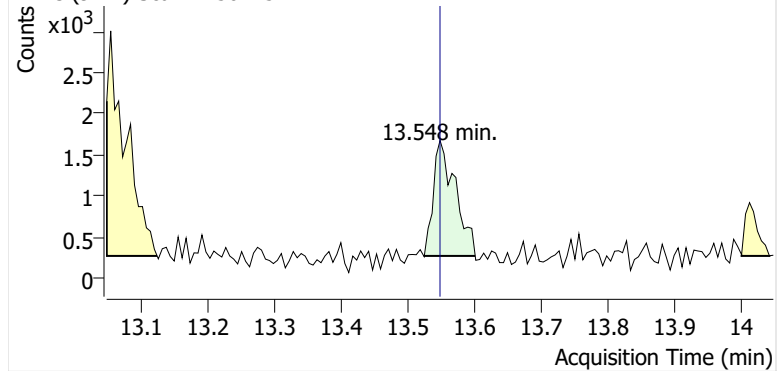


+ Scan (13.028-13.126 min, 16 scans) V2502757.D

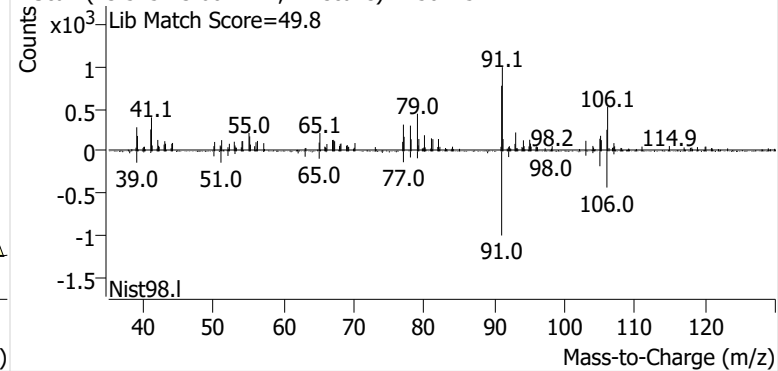


o-Xylene

+ EIC (91.1) Scan V2502757.D

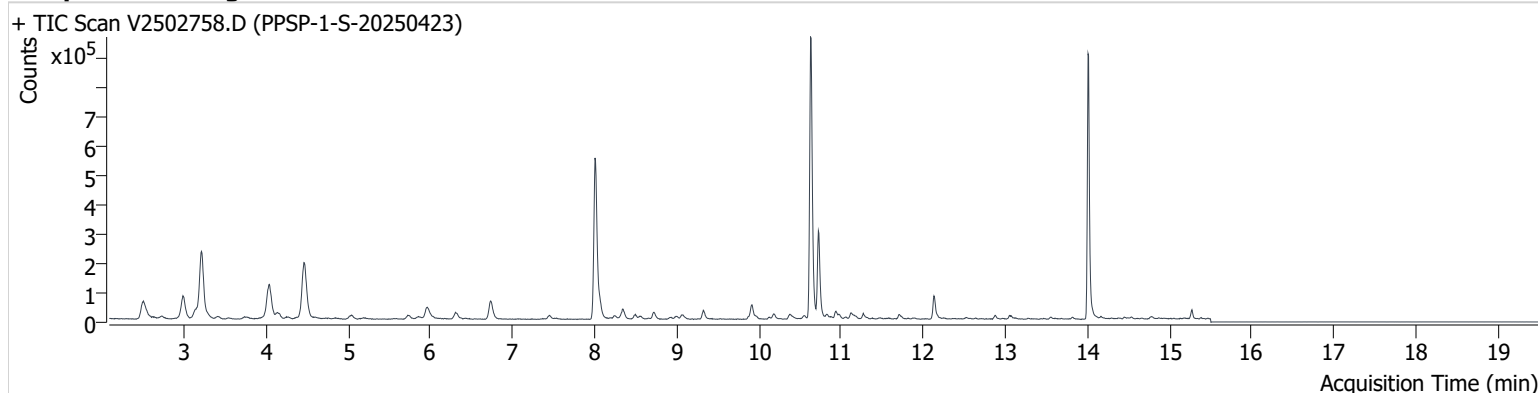


+ Scan (13.525-13.601 min, 12 scans) V2502757.D



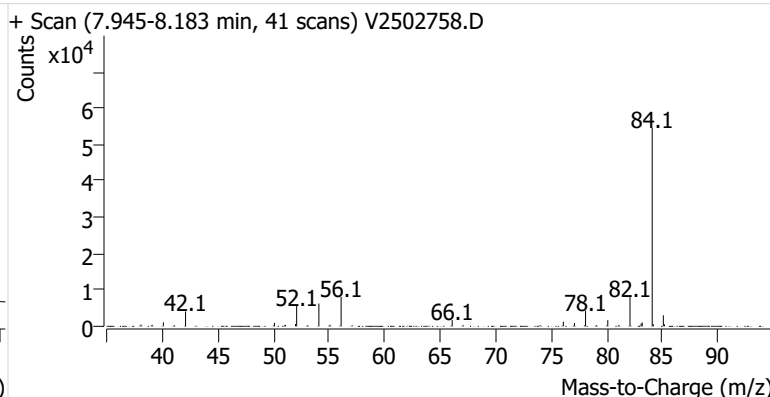
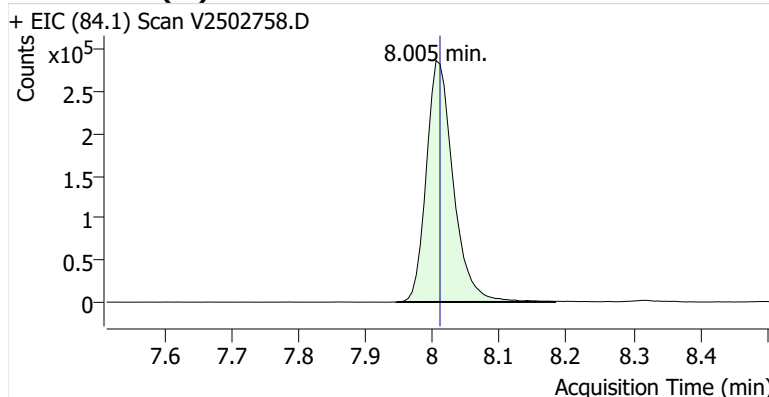
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Comment C59988
Data File V2502758.D
Acq. Date-Time 5/9/2025 10:45:36 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

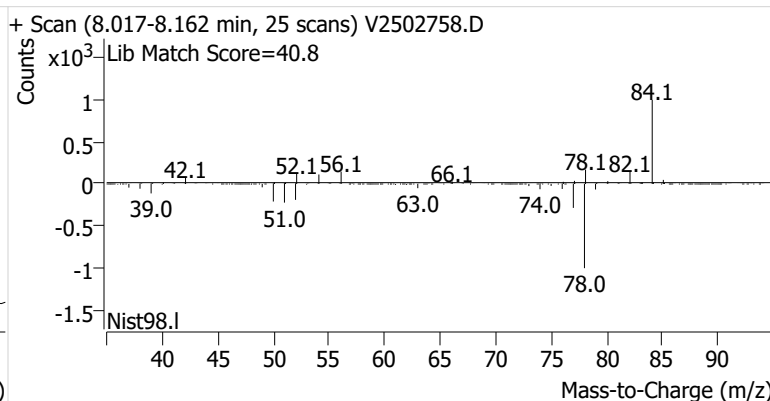
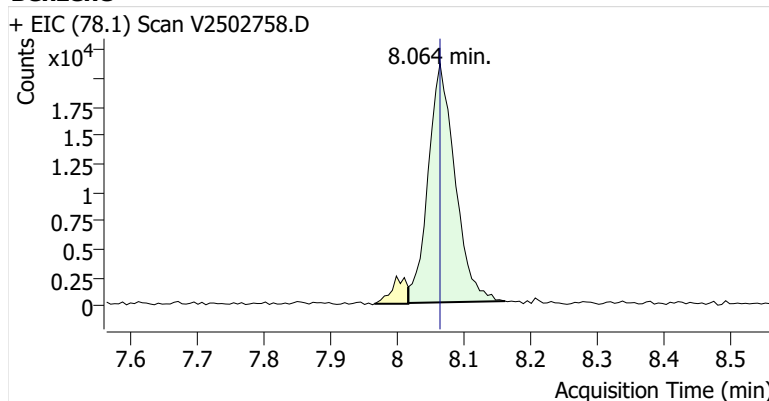


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	802,414	
Benzene	Benzene-d6 (IS)	8.064	8.064	58,819	
Toluene-d8 (IS)		10.628	10.634	853,296	
Toluene	Toluene-d8 (IS)	10.729	10.723	280,809	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	4,920	
m-/p-Xylenes	Toluene-d8 (IS)	13.062	13.068	11,787	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	5,016	

Benzene-d6 (IS)

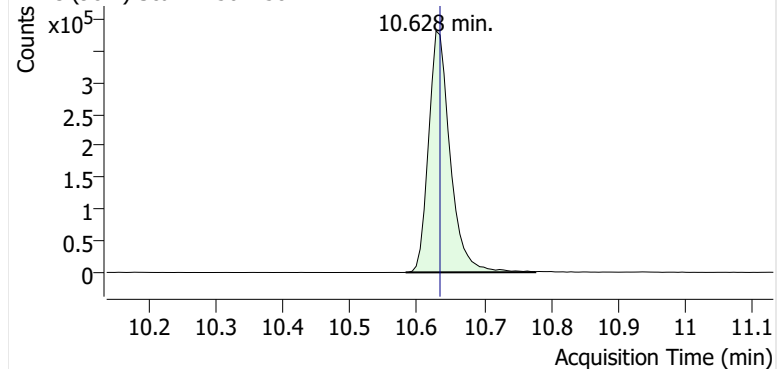


Benzene

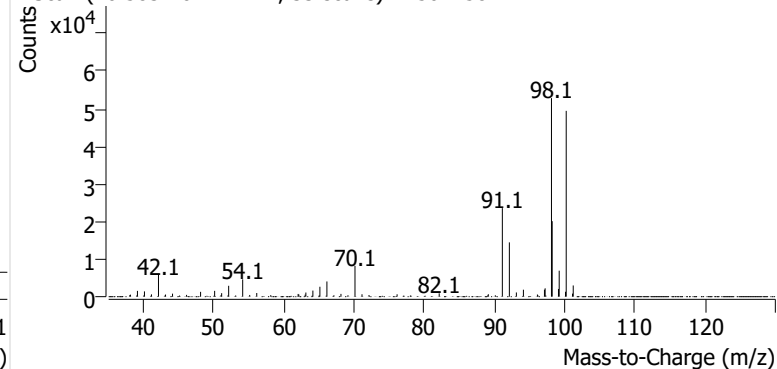


Toluene-d8 (IS)

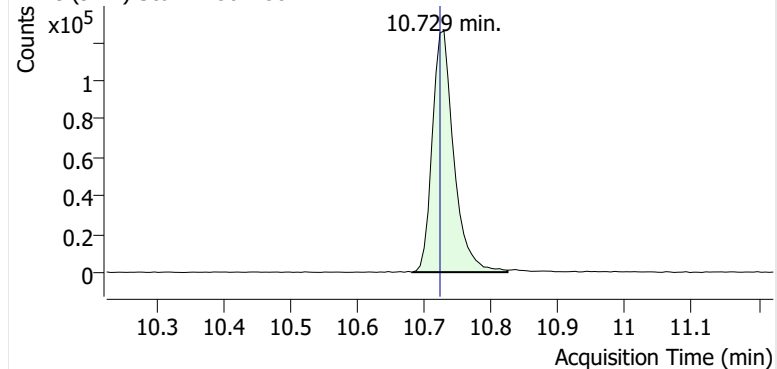
+ EIC (98.1) Scan V2502758.D



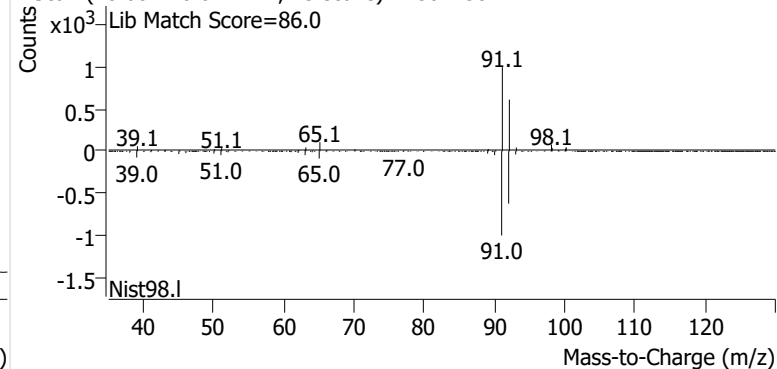
+ Scan (10.583-10.777 min, 33 scans) V2502758.D

**Toluene**

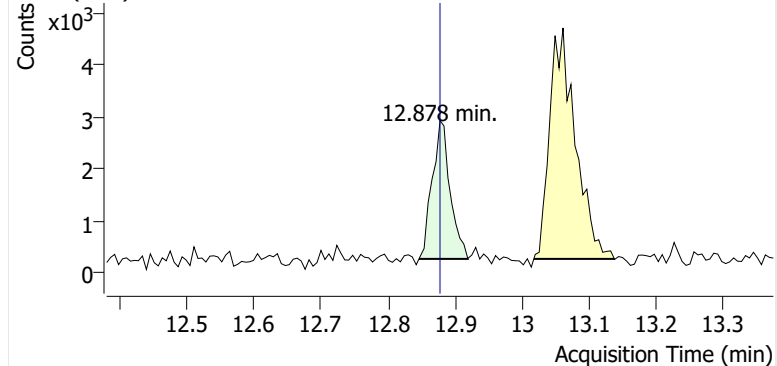
+ EIC (91.1) Scan V2502758.D



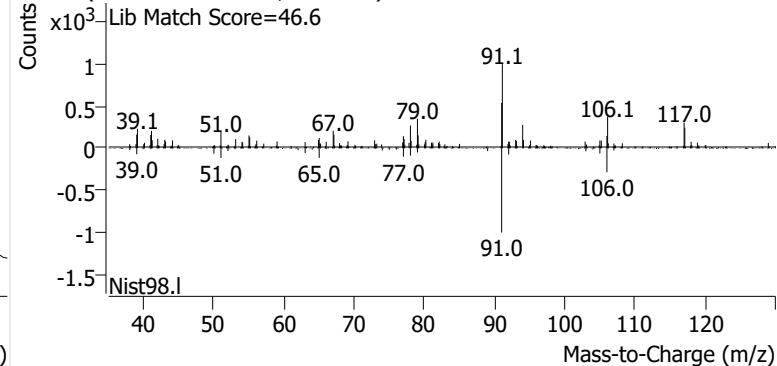
+ Scan (10.682-10.824 min, 25 scans) V2502758.D

**Ethylbenzene**

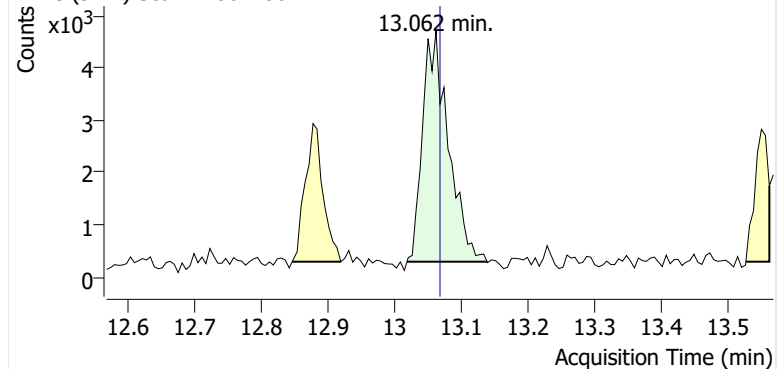
+ EIC (91.1) Scan V2502758.D



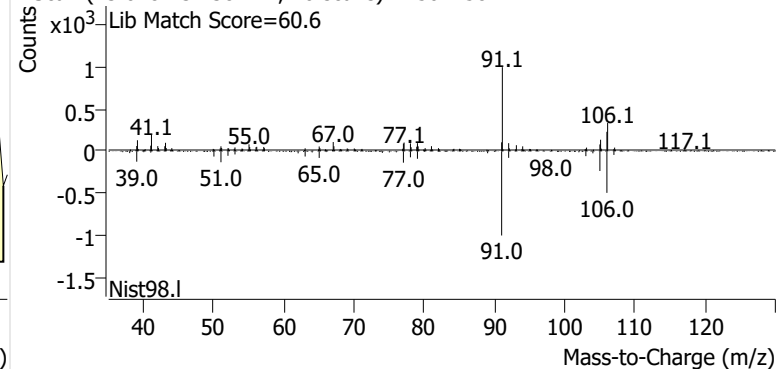
+ Scan (12.846-12.919 min, 13 scans) V2502758.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502758.D

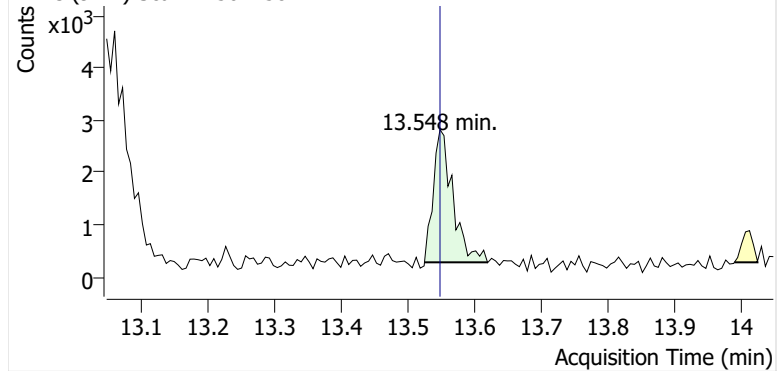


+ Scan (13.018-13.138 min, 20 scans) V2502758.D

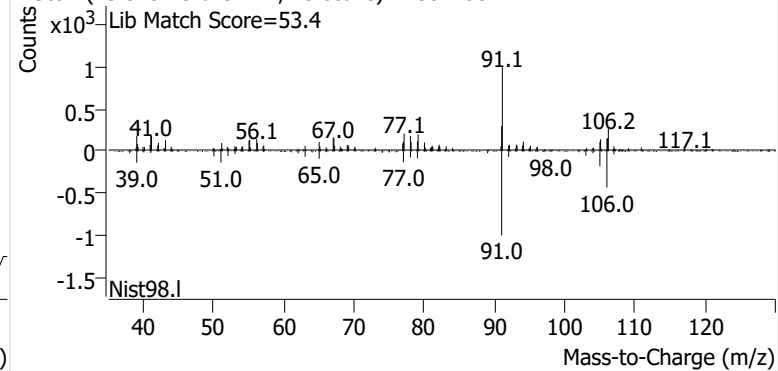


o-Xylene

+ EIC (91.1) Scan V2502758.D

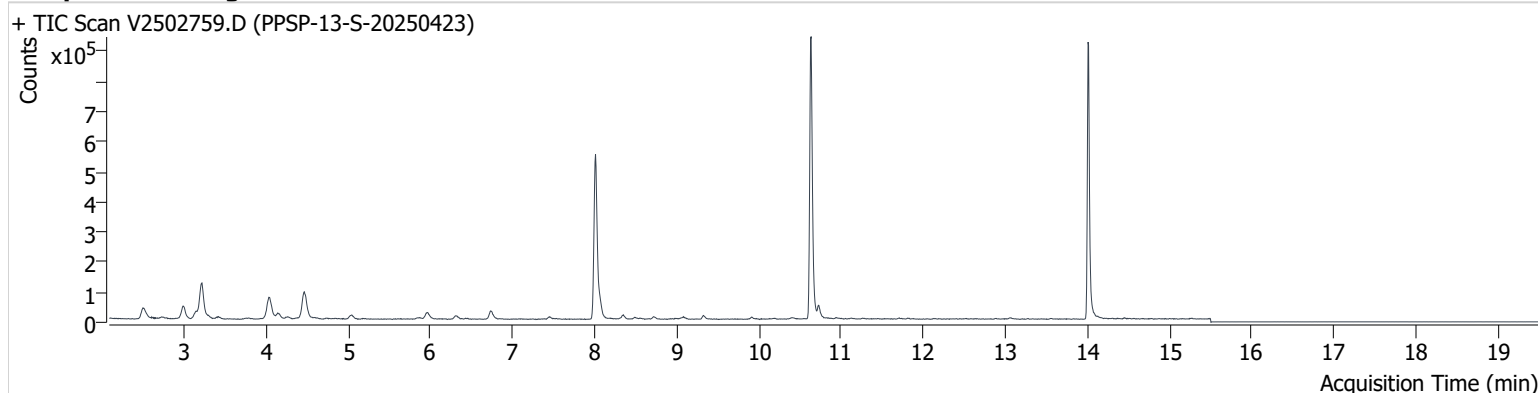


+ Scan (13.525-13.619 min, 15 scans) V2502758.D



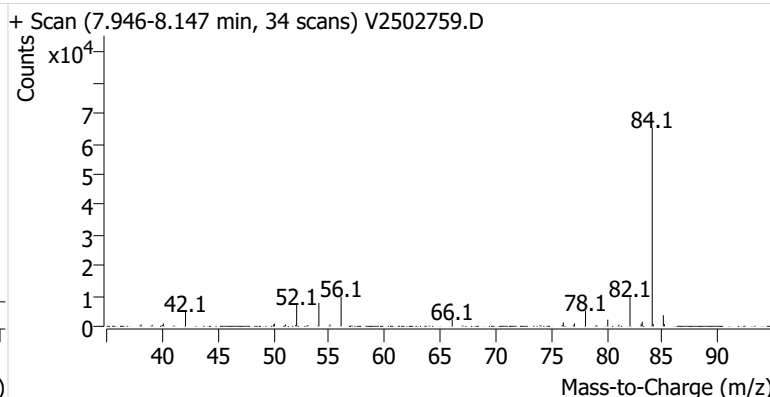
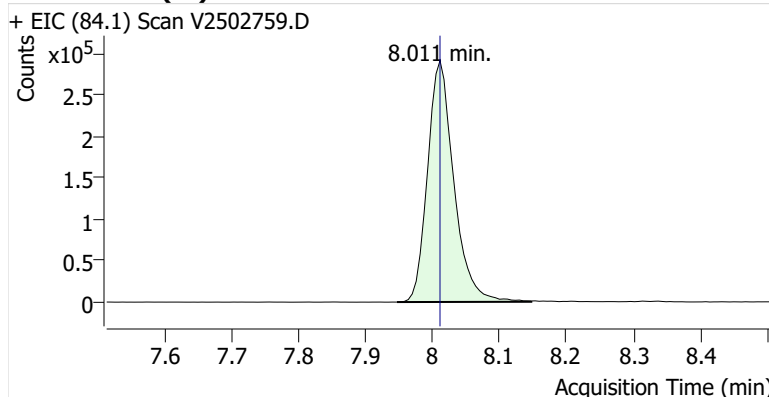
Name PPSP-13-S-20250423
Comment B48152
Data File V2502759.D
Acq. Date-Time 5/9/2025 11:26:47 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

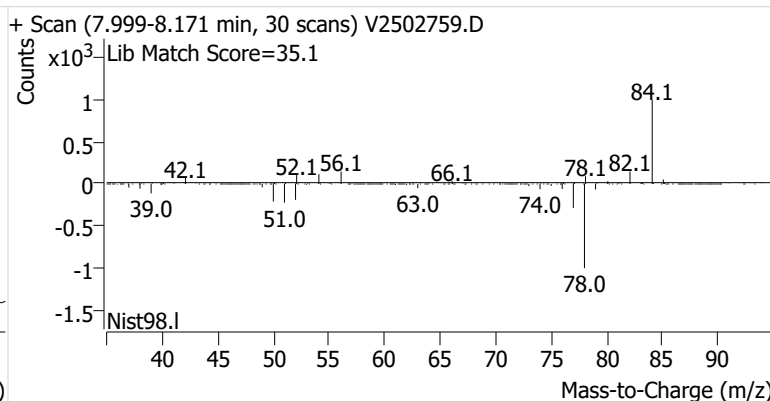
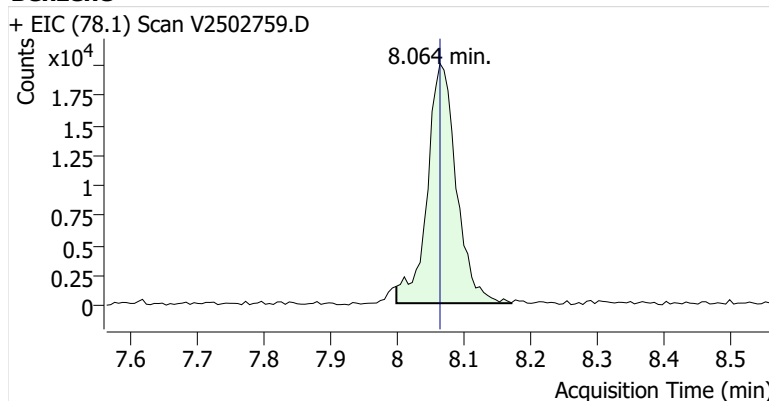


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.011	8.011	795,172	
Benzene	Benzene-d6 (IS)	8.064	8.064	60,394	
Toluene-d8 (IS)		10.634	10.634	844,081	
Toluene	Toluene-d8 (IS)	10.729	10.723	33,972	
Ethylbenzene	Toluene-d8 (IS)	12.884	12.878	1,819	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	3,403	
o-Xylene	Toluene-d8 (IS)	13.560	13.548	1,603	

Benzene-d6 (IS)

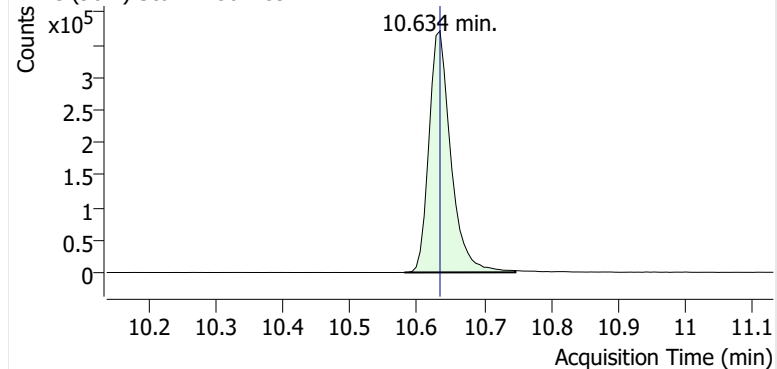


Benzene

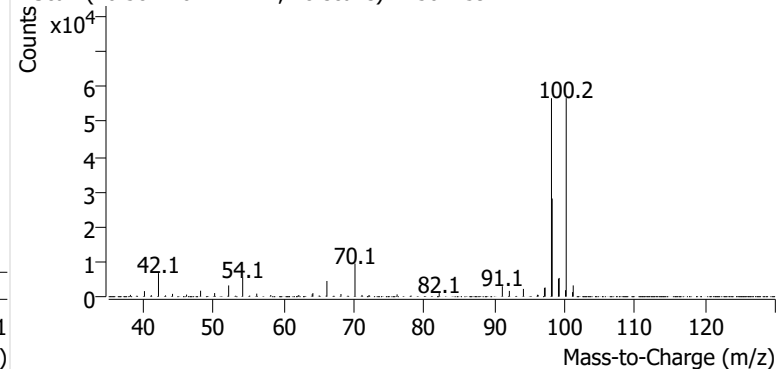


Toluene-d8 (IS)

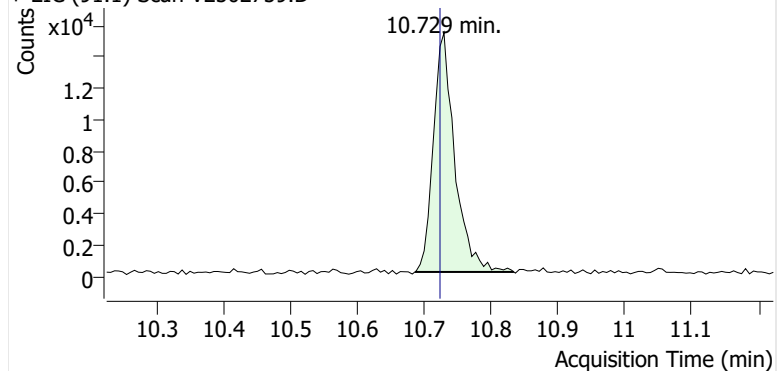
+ EIC (98.1) Scan V2502759.D



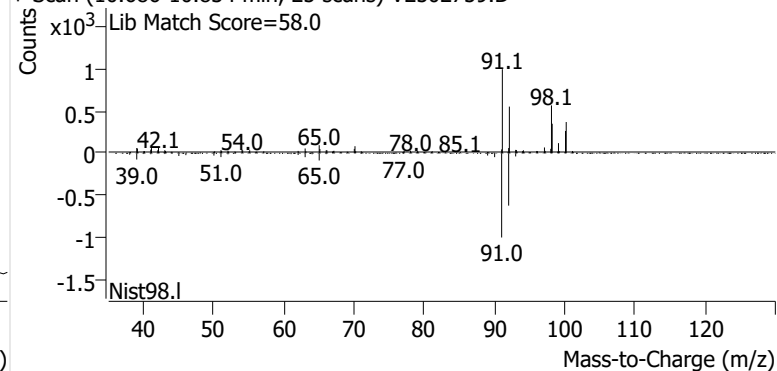
+ Scan (10.581-10.747 min, 28 scans) V2502759.D

**Toluene**

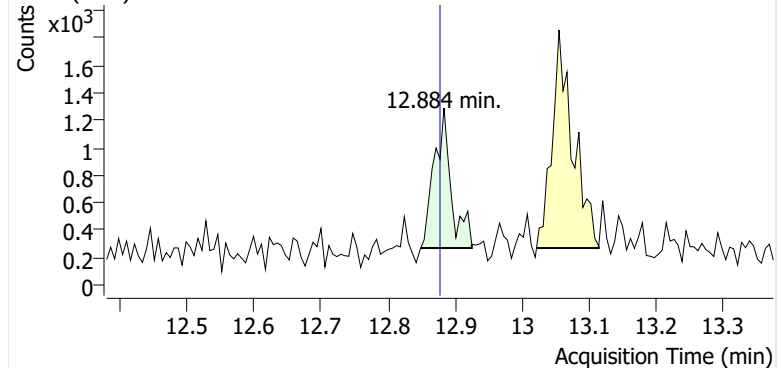
+ EIC (91.1) Scan V2502759.D



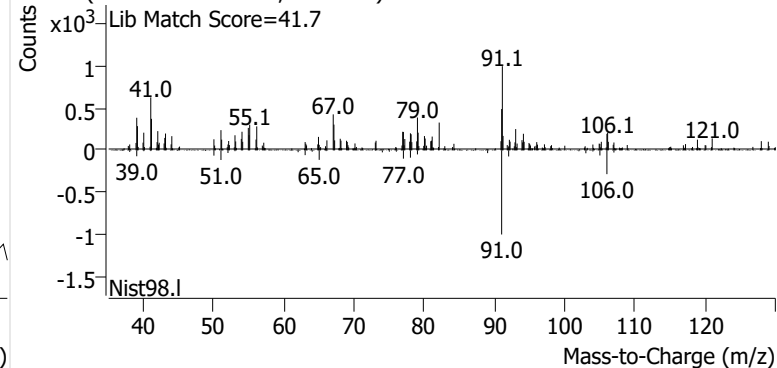
+ Scan (10.686-10.834 min, 25 scans) V2502759.D

**Ethylbenzene**

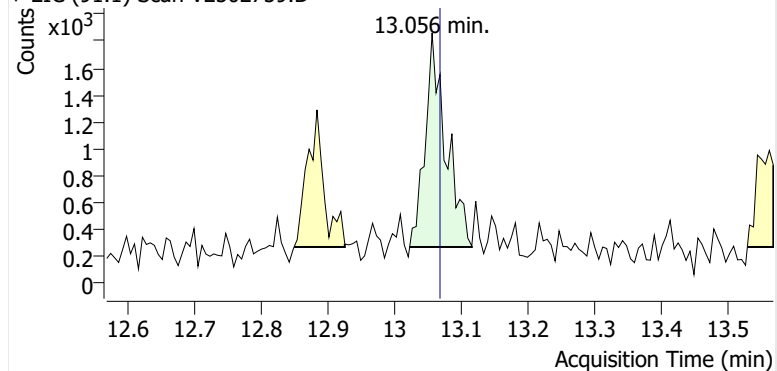
+ EIC (91.1) Scan V2502759.D



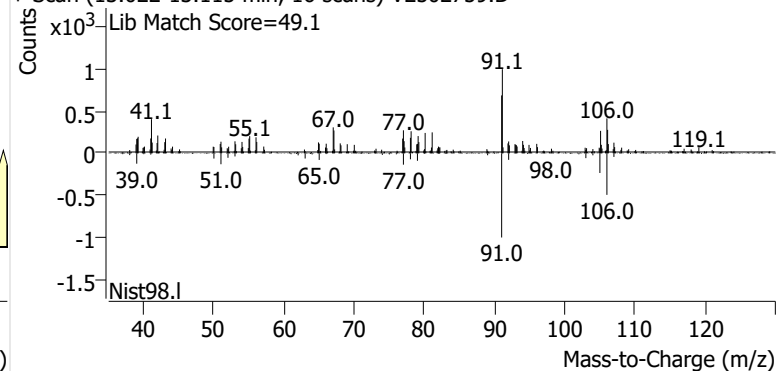
+ Scan (12.849-12.925 min, 13 scans) V2502759.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502759.D

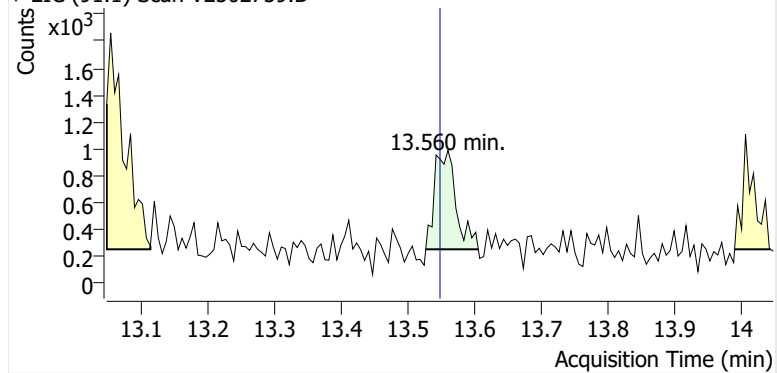


+ Scan (13.022-13.115 min, 16 scans) V2502759.D

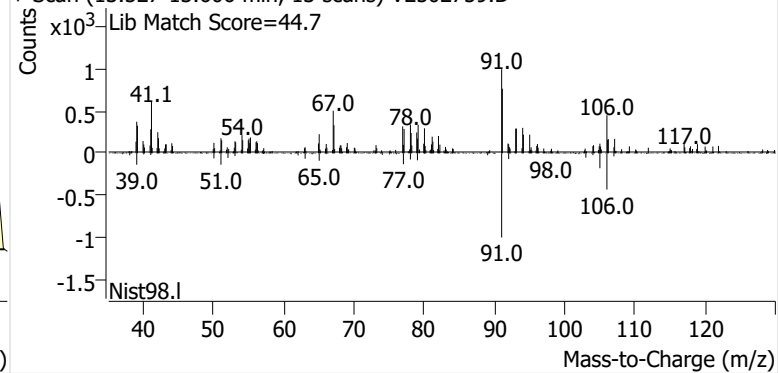


o-Xylene

+ EIC (91.1) Scan V2502759.D

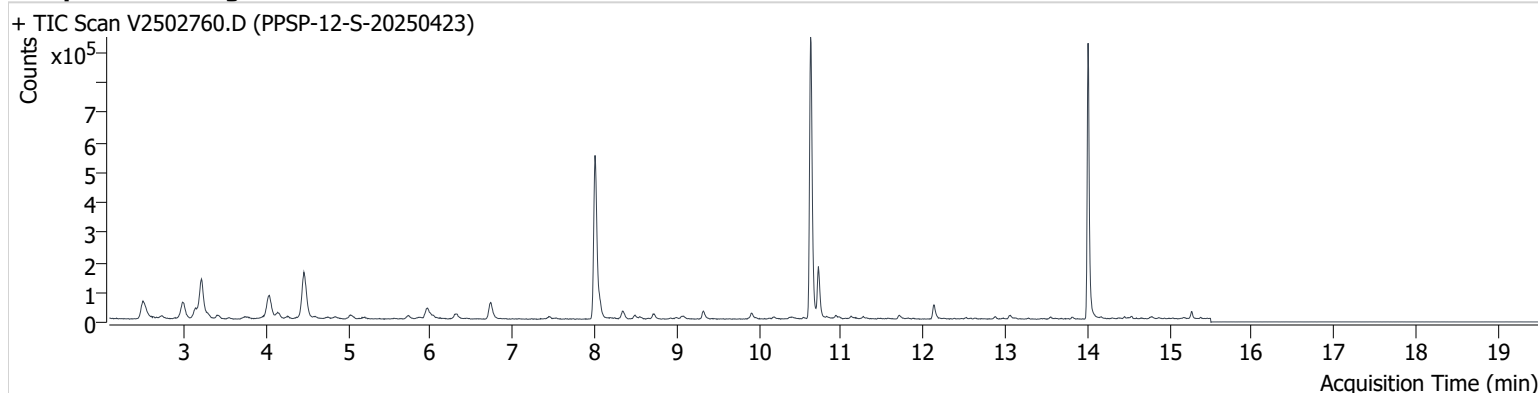


+ Scan (13.527-13.606 min, 13 scans) V2502759.D



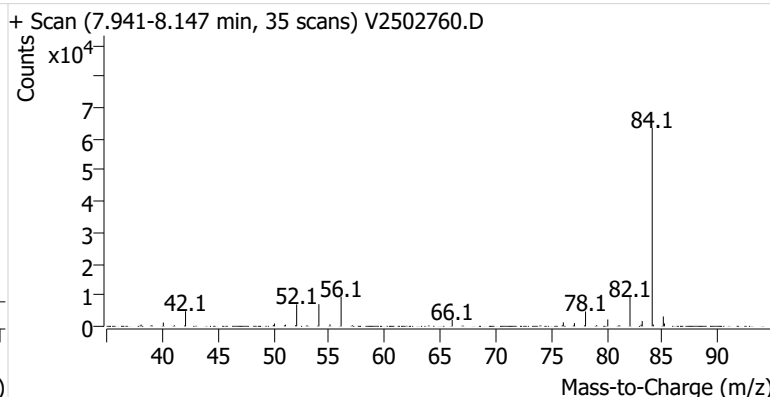
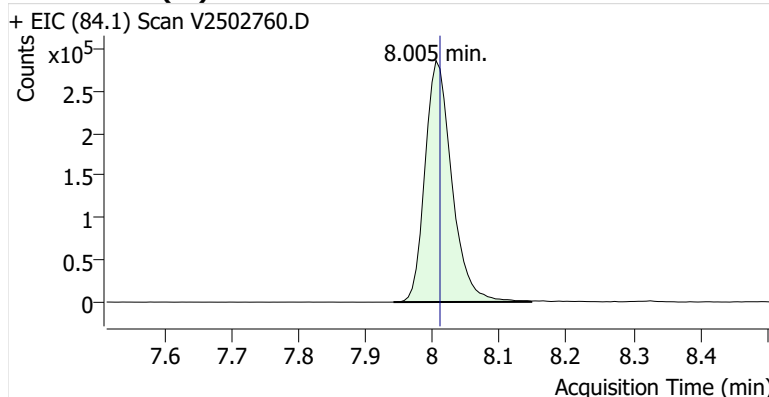
Name PPSP-12-S-20250423
Comment C60301
Data File V2502760.D
Acq. Date-Time 5/10/2025 12:07:59 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

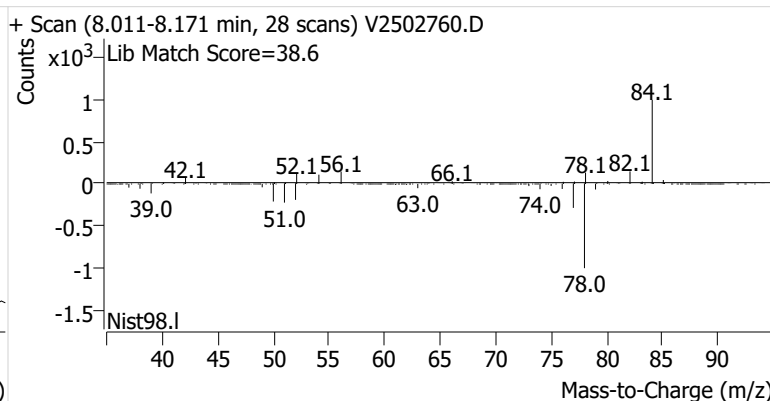
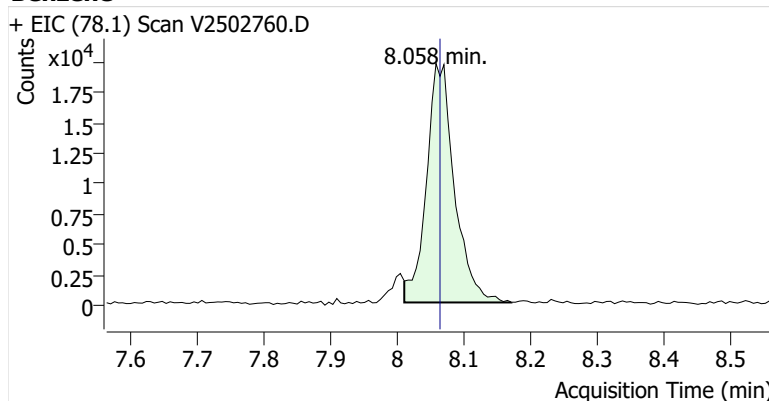


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	796,741	
Benzene	Benzene-d6 (IS)	8.058	8.064	57,424	
Toluene-d8 (IS)		10.628	10.634	853,044	
Toluene	Toluene-d8 (IS)	10.723	10.723	160,040	
Ethylbenzene	Toluene-d8 (IS)	12.884	12.878	5,150	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	12,519	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	4,710	

Benzene-d6 (IS)

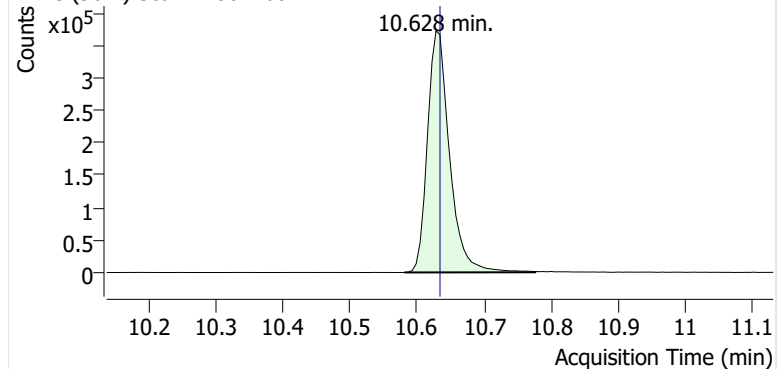


Benzene

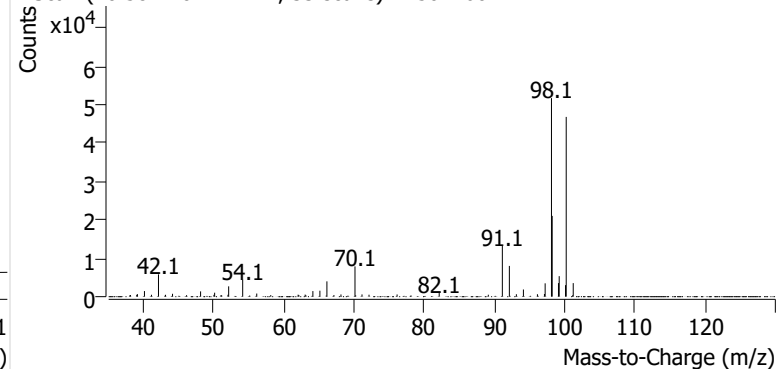


Toluene-d8 (IS)

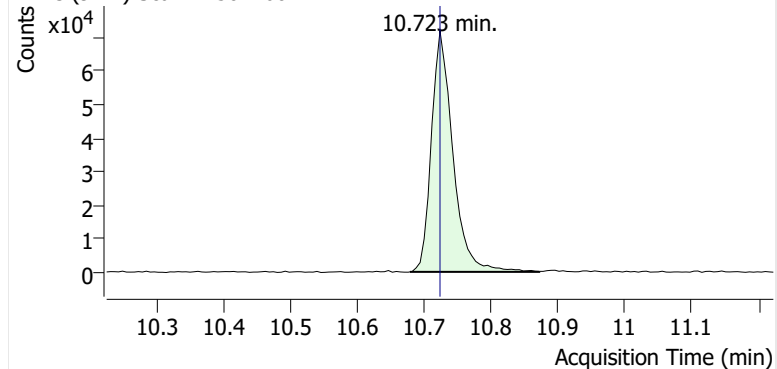
+ EIC (98.1) Scan V2502760.D



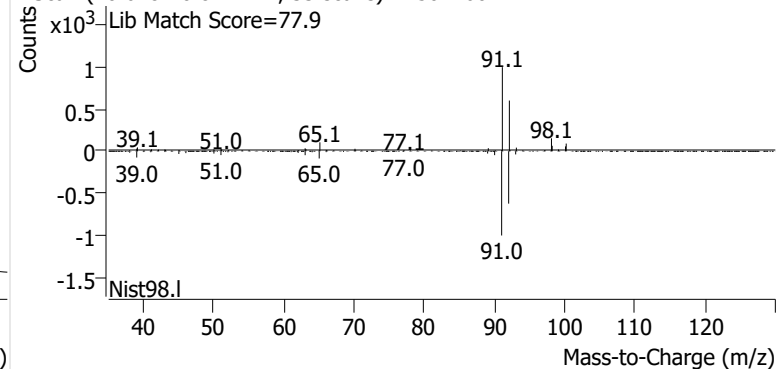
+ Scan (10.581-10.777 min, 33 scans) V2502760.D

**Toluene**

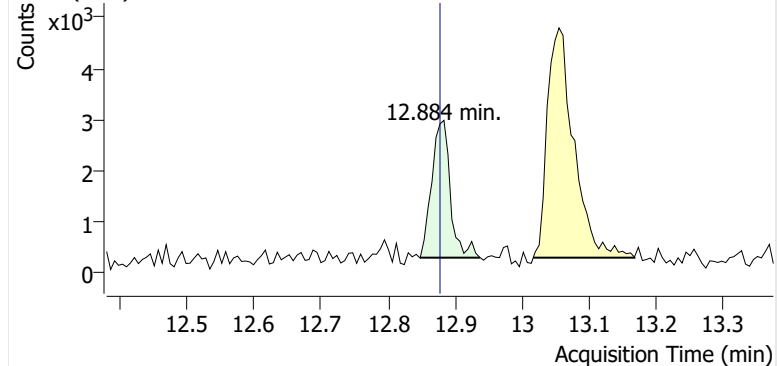
+ EIC (91.1) Scan V2502760.D



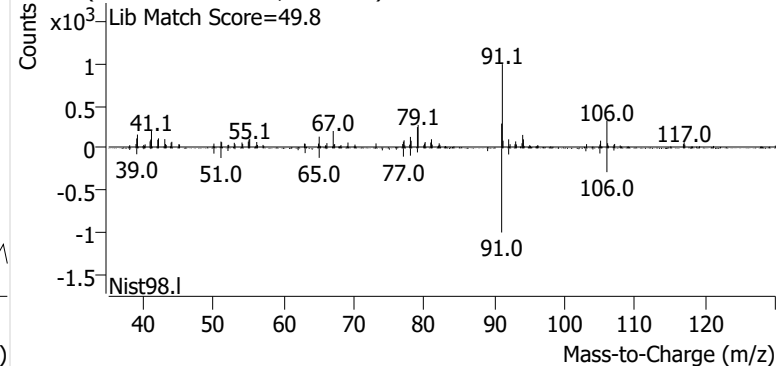
+ Scan (10.678-10.871 min, 33 scans) V2502760.D

**Ethylbenzene**

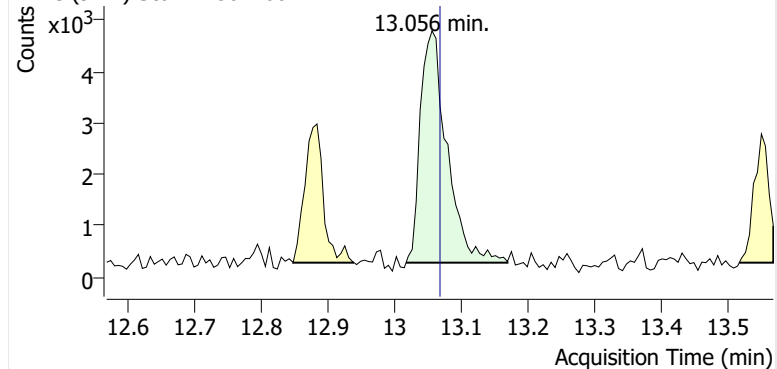
+ EIC (91.1) Scan V2502760.D



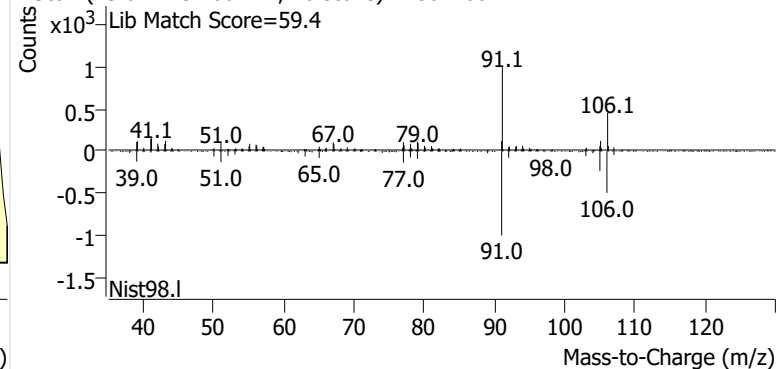
+ Scan (12.848-12.938 min, 15 scans) V2502760.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502760.D

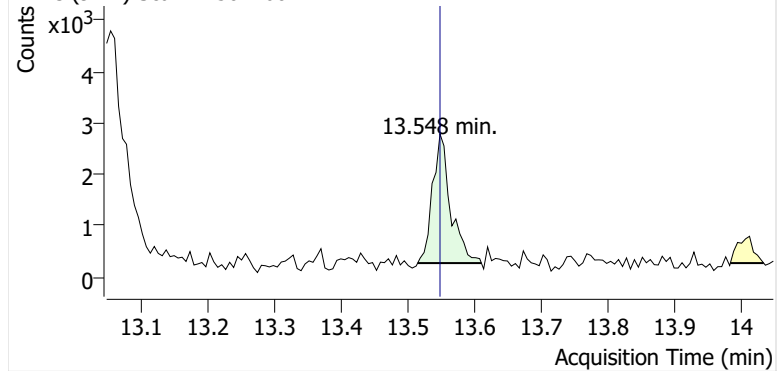


+ Scan (13.017-13.168 min, 26 scans) V2502760.D

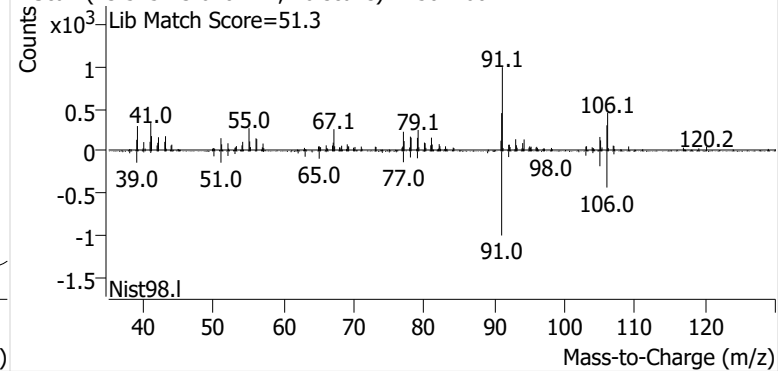


o-Xylene

+ EIC (91.1) Scan V2502760.D

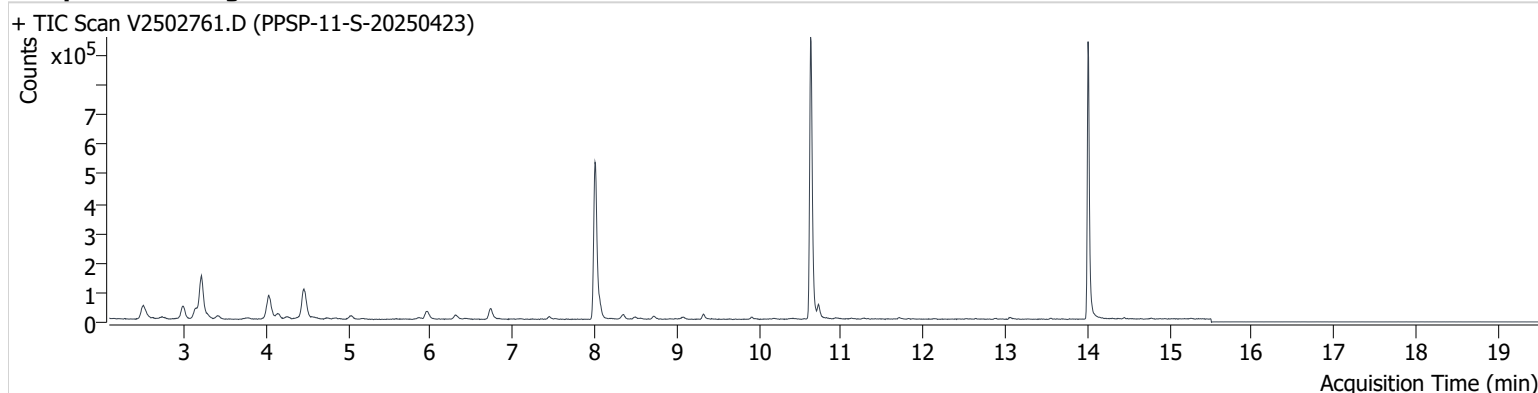


+ Scan (13.515-13.610 min, 16 scans) V2502760.D



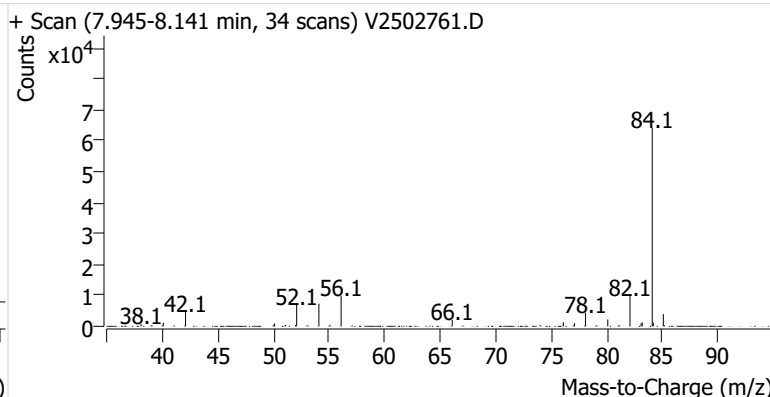
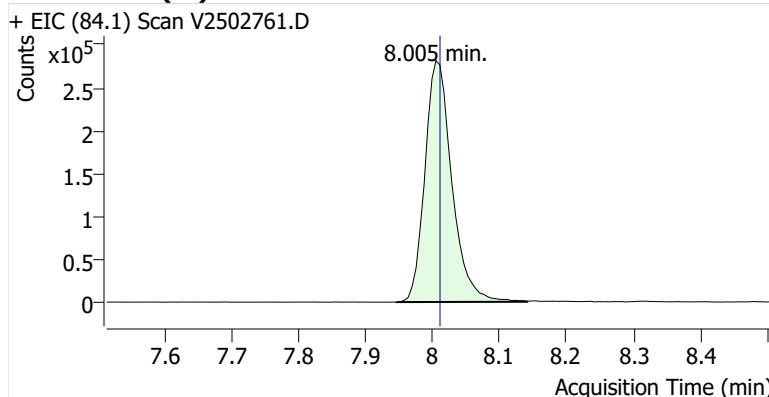
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Comment B49514
Data File V2502761.D
Acq. Date-Time 5/10/2025 12:49:11 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

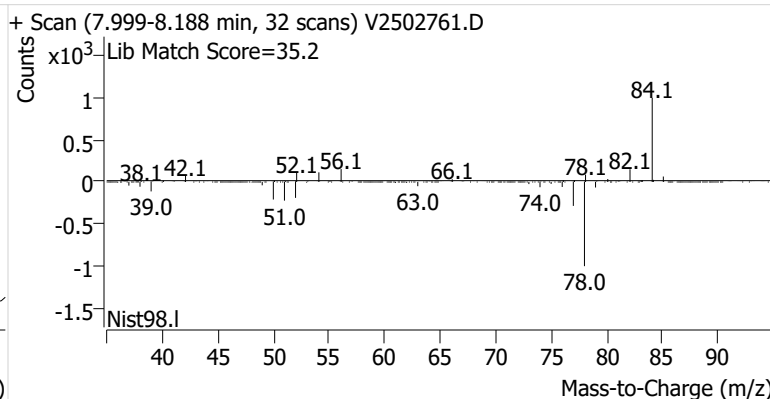
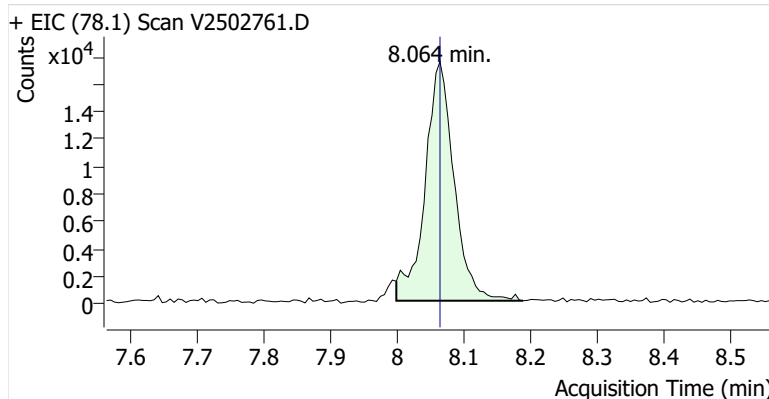


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	789,204	
Benzene	Benzene-d6 (IS)	8.064	8.064	52,508	
Toluene-d8 (IS)		10.628	10.634	854,885	
Toluene	Toluene-d8 (IS)	10.723	10.723	36,415	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	2,667	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	5,738	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	2,631	

Benzene-d6 (IS)

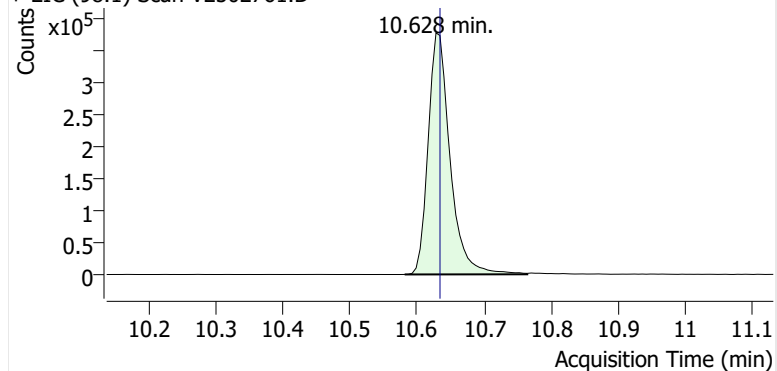


Benzene

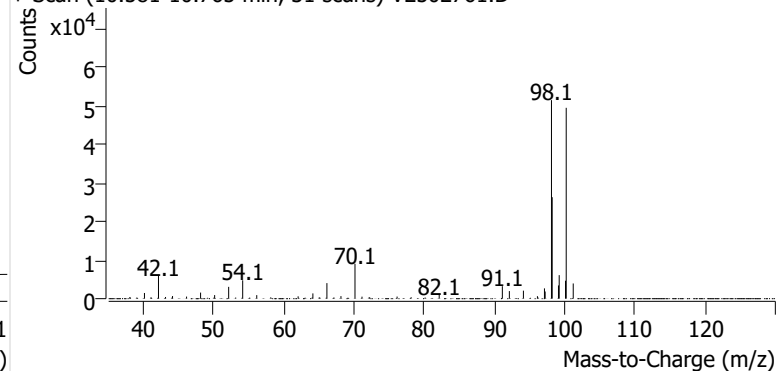


Toluene-d8 (IS)

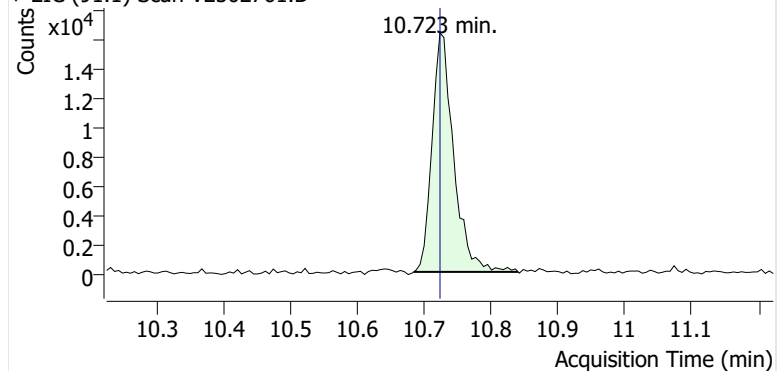
+ EIC (98.1) Scan V2502761.D



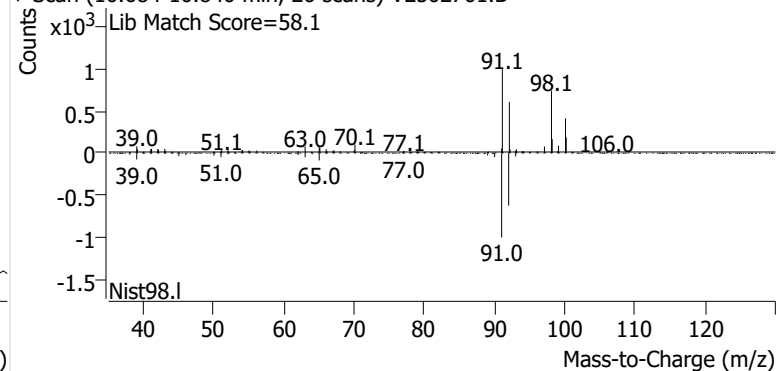
+ Scan (10.581-10.765 min, 31 scans) V2502761.D

**Toluene**

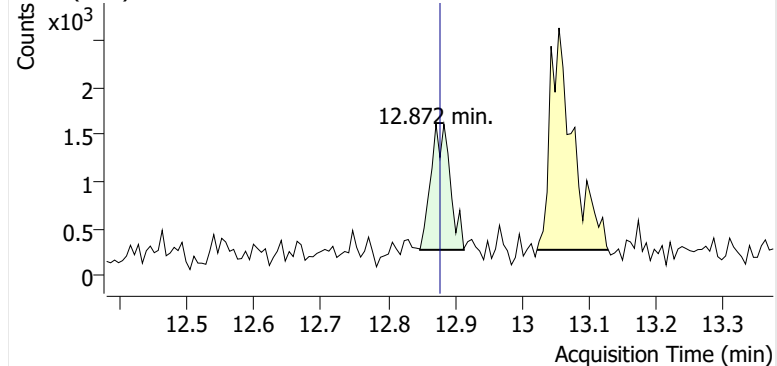
+ EIC (91.1) Scan V2502761.D



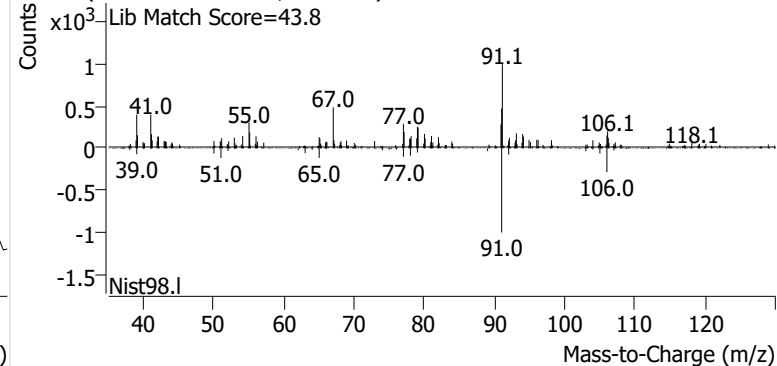
+ Scan (10.684-10.840 min, 26 scans) V2502761.D

**Ethylbenzene**

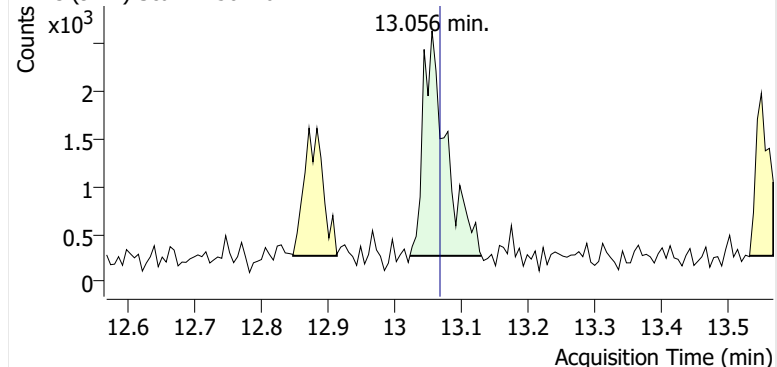
+ EIC (91.1) Scan V2502761.D



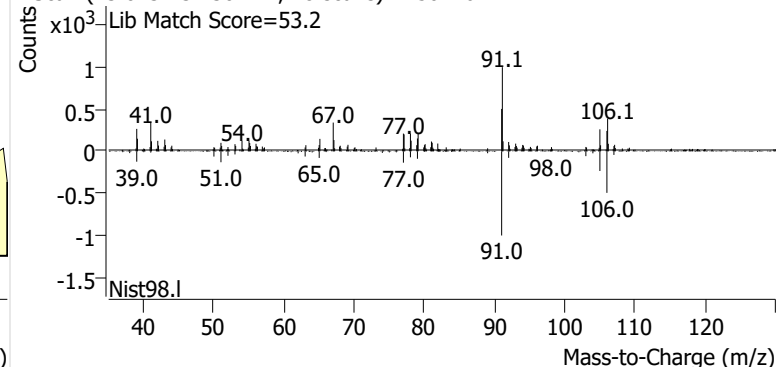
+ Scan (12.848-12.913 min, 12 scans) V2502761.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502761.D

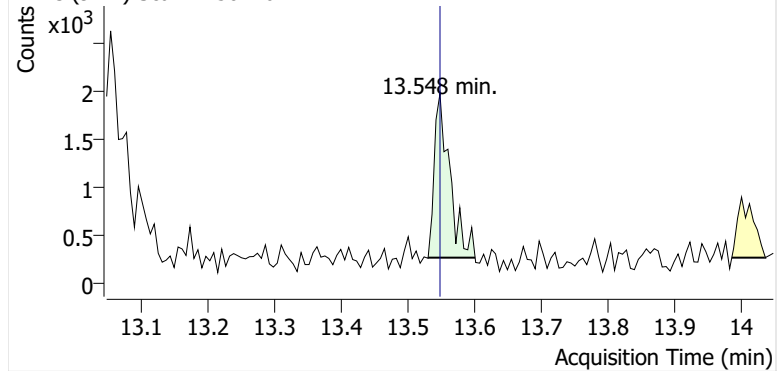


+ Scan (13.023-13.130 min, 18 scans) V2502761.D

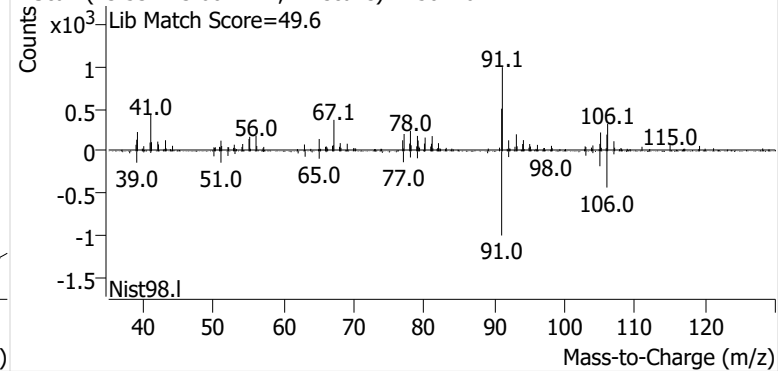


o-Xylene

+ EIC (91.1) Scan V2502761.D

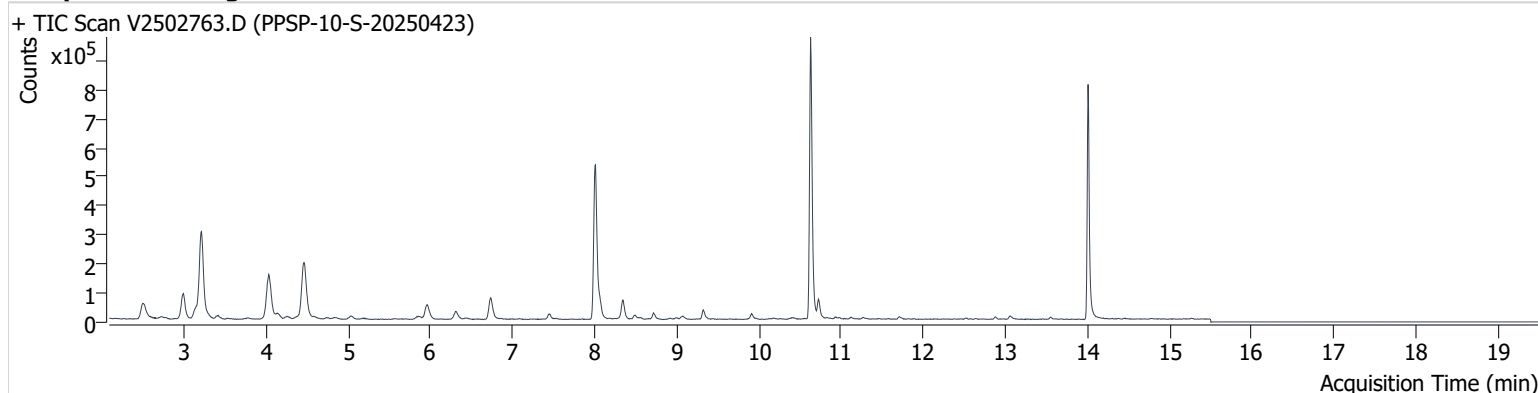


+ Scan (13.531-13.601 min, 11 scans) V2502761.D



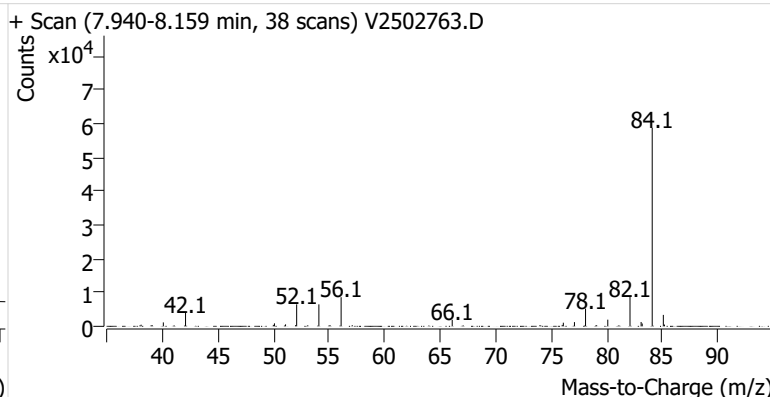
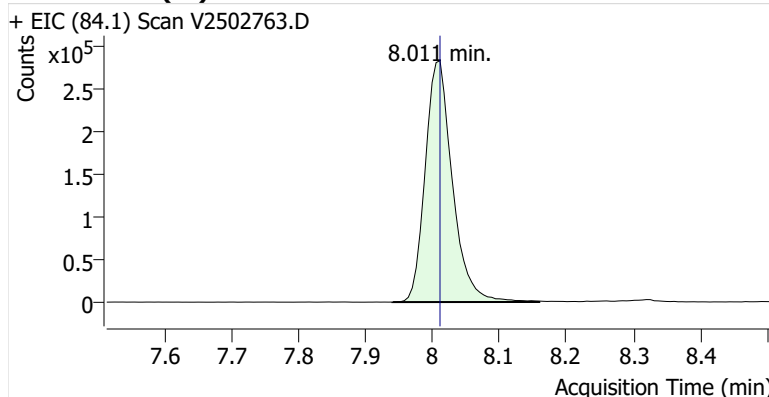
Name PPSP-10-S-20250423
Comment B16316
Data File V2502763.D
Acq. Date-Time 5/10/2025 2:30:18 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

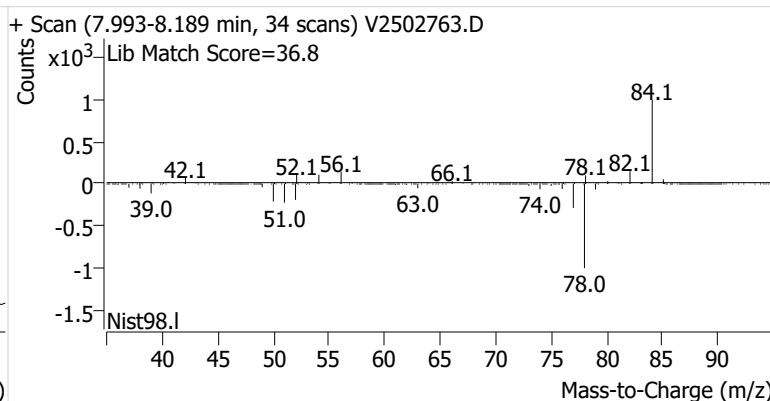
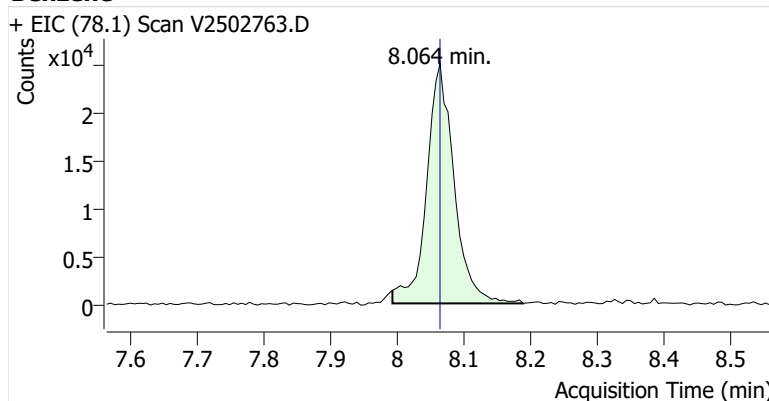


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.011	8.011	796,109	
Benzene	Benzene-d6 (IS)	8.064	8.064	71,451	
Toluene-d8 (IS)		10.628	10.634	850,864	
Toluene	Toluene-d8 (IS)	10.723	10.723	53,532	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	7,336	
m-/p-Xylenes	Toluene-d8 (IS)	13.062	13.068	11,847	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	5,301	

Benzene-d6 (IS)

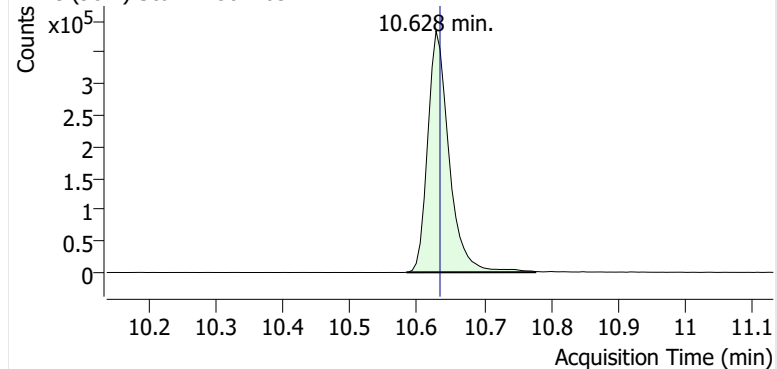


Benzene

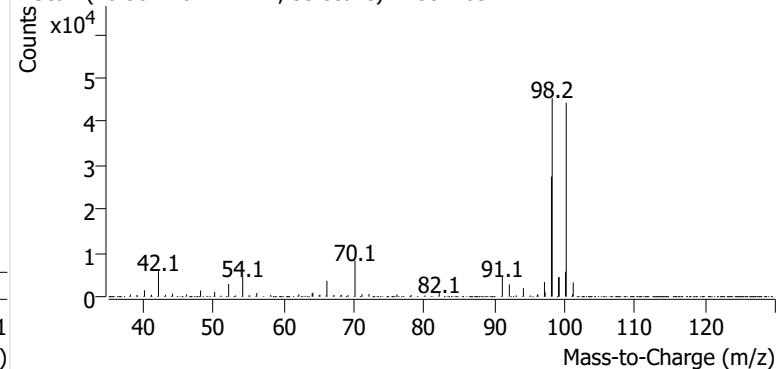


Toluene-d8 (IS)

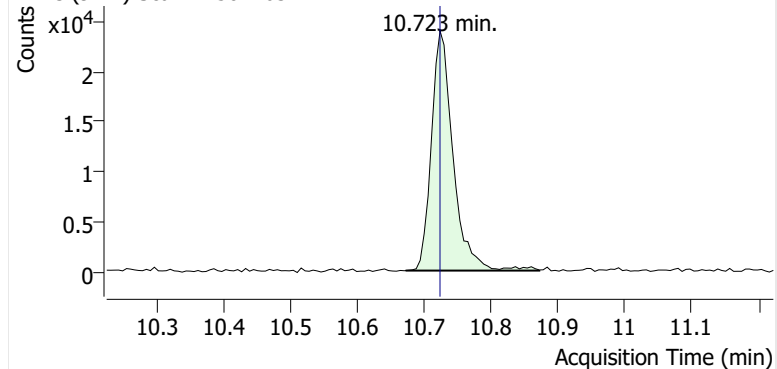
+ EIC (98.1) Scan V2502763.D



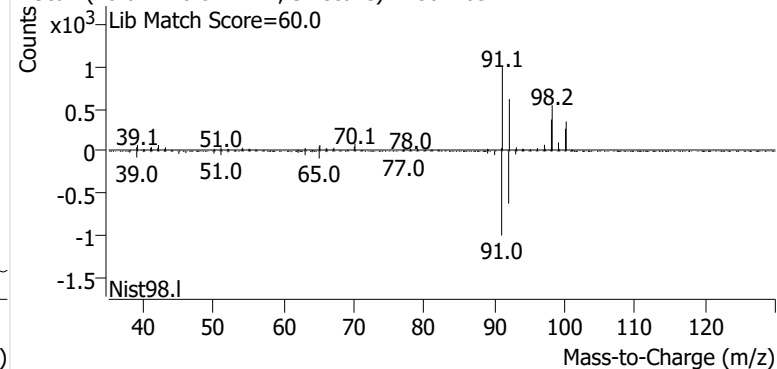
+ Scan (10.584-10.777 min, 33 scans) V2502763.D

**Toluene**

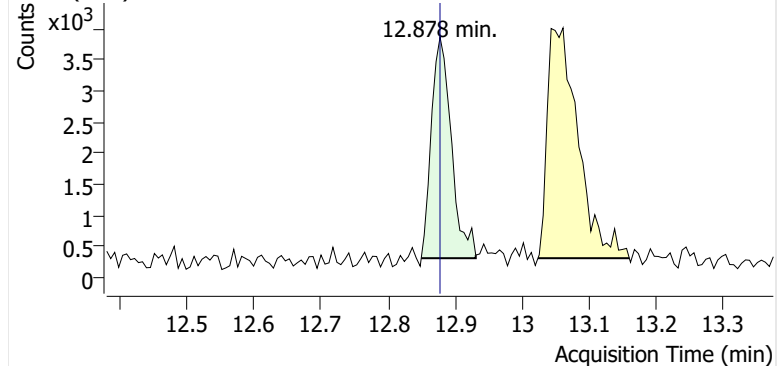
+ EIC (91.1) Scan V2502763.D



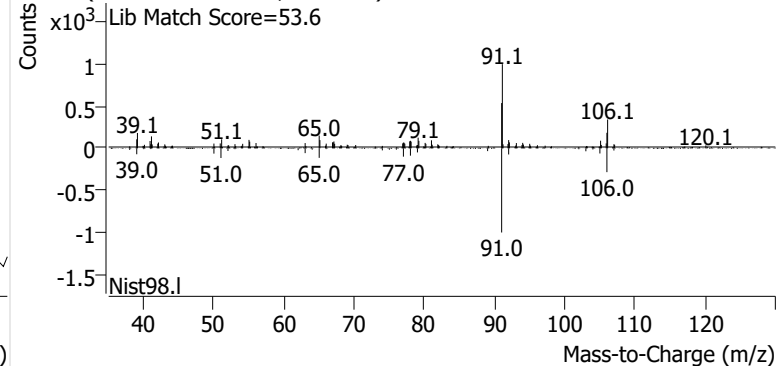
+ Scan (10.672-10.872 min, 34 scans) V2502763.D

**Ethylbenzene**

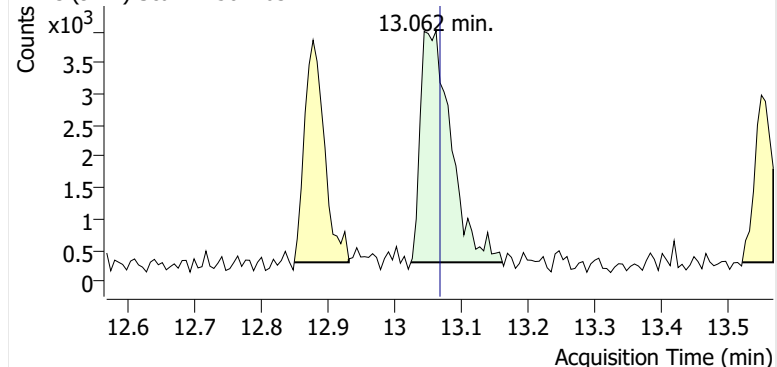
+ EIC (91.1) Scan V2502763.D



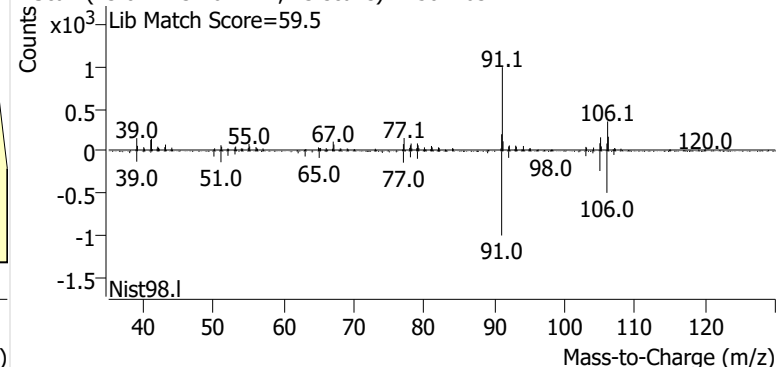
+ Scan (12.850-12.931 min, 14 scans) V2502763.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502763.D

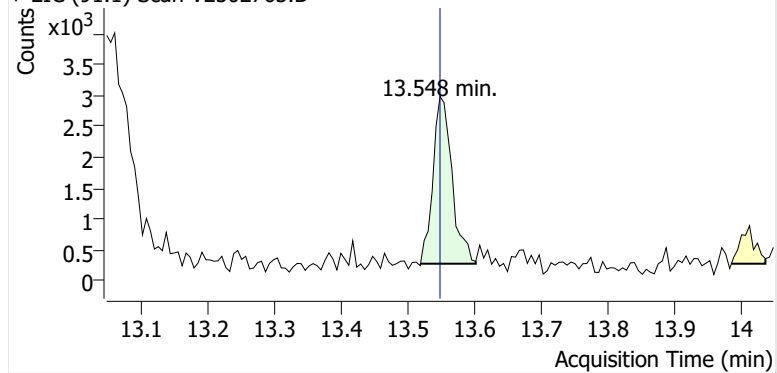


+ Scan (13.024-13.161 min, 23 scans) V2502763.D

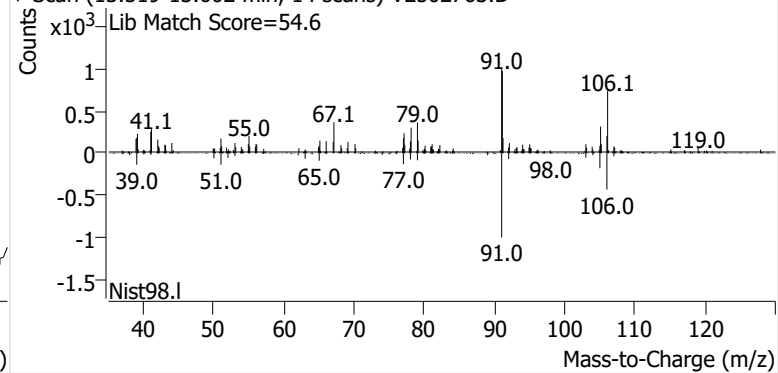


o-Xylene

+ EIC (91.1) Scan V2502763.D

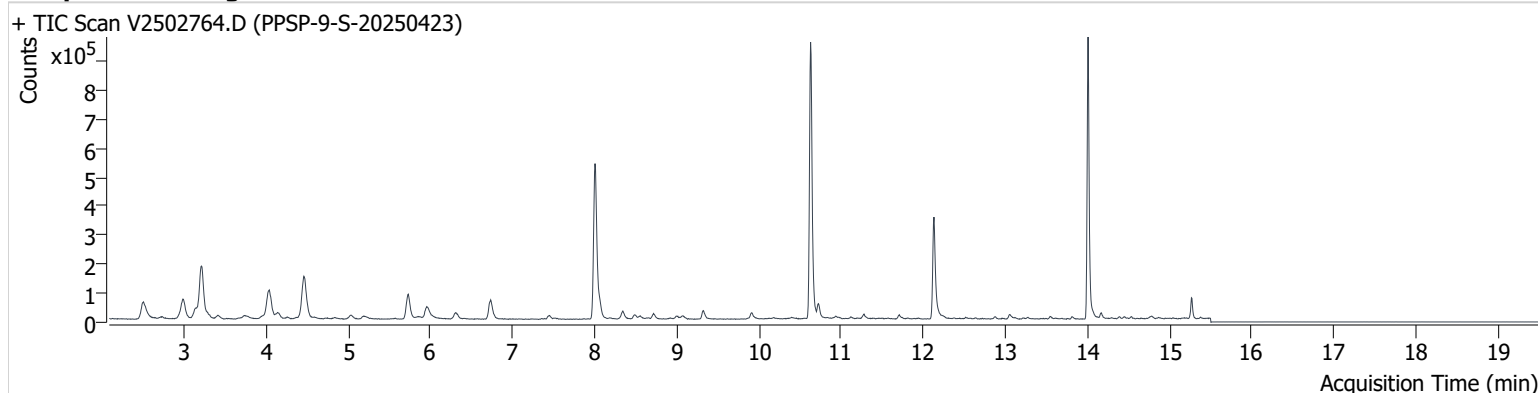


+ Scan (13.519-13.602 min, 14 scans) V2502763.D



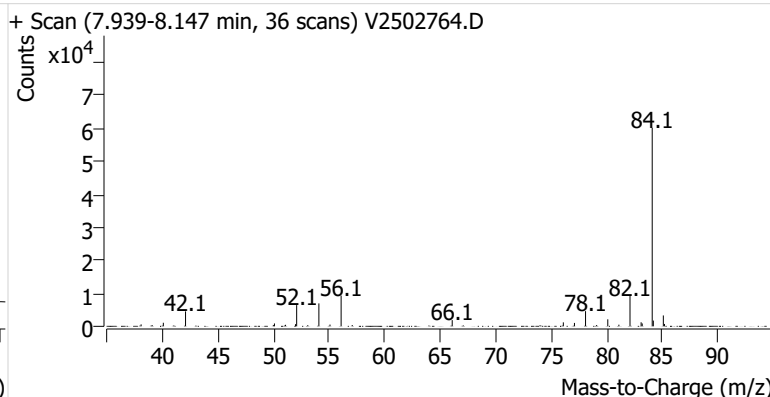
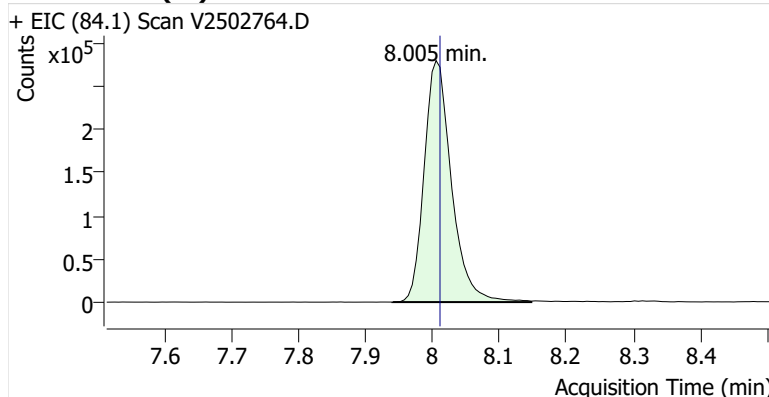
Name PPSP-9-S-20250423
Comment C57524
Data File V2502764.D
Acq. Date-Time 5/10/2025 3:11:29 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

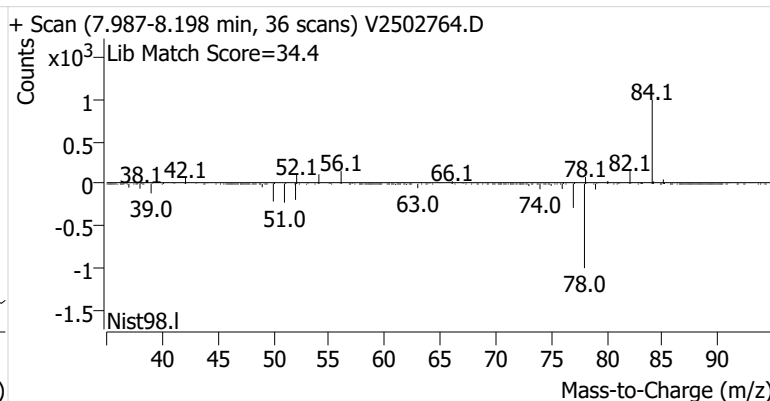
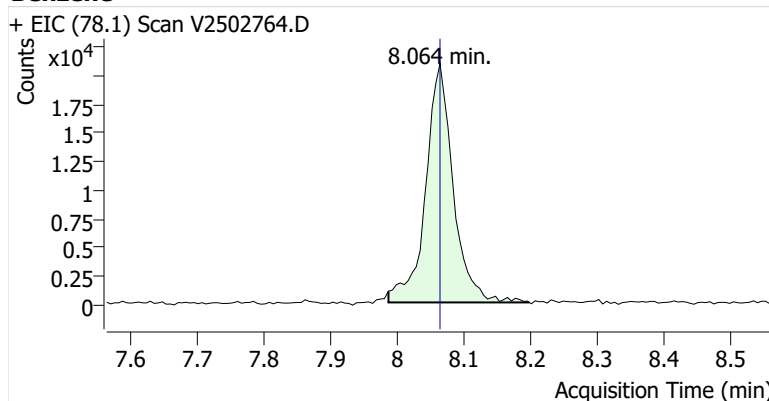


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	793,701	
Benzene	Benzene-d6 (IS)	8.064	8.064	59,738	
Toluene-d8 (IS)		10.628	10.634	854,512	
Toluene	Toluene-d8 (IS)	10.723	10.723	40,513	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	5,354	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	14,938	
o-Xylene	Toluene-d8 (IS)	13.542	13.548	6,003	

Benzene-d6 (IS)

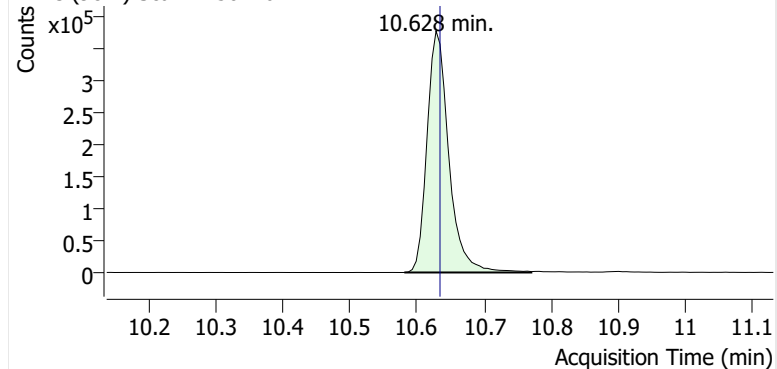


Benzene

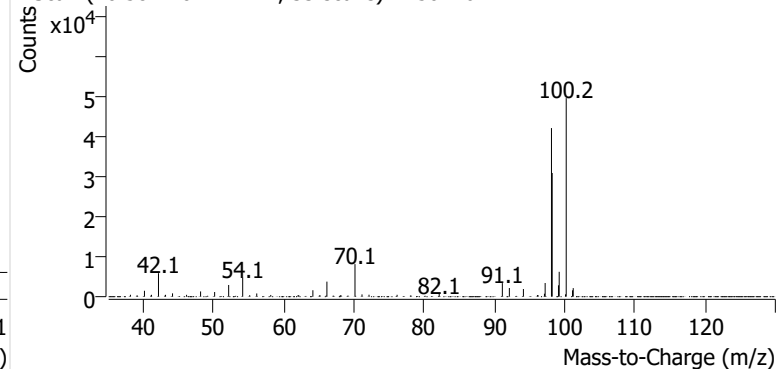


Toluene-d8 (IS)

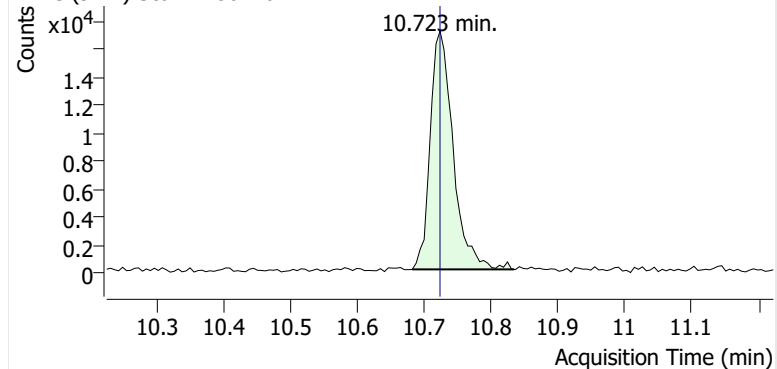
+ EIC (98.1) Scan V2502764.D



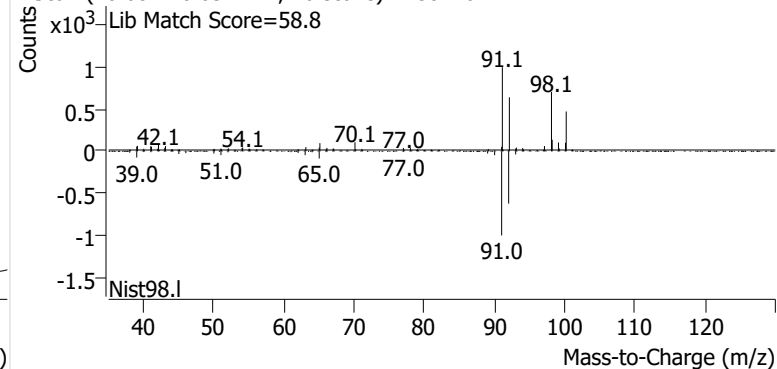
+ Scan (10.581-10.771 min, 33 scans) V2502764.D

**Toluene**

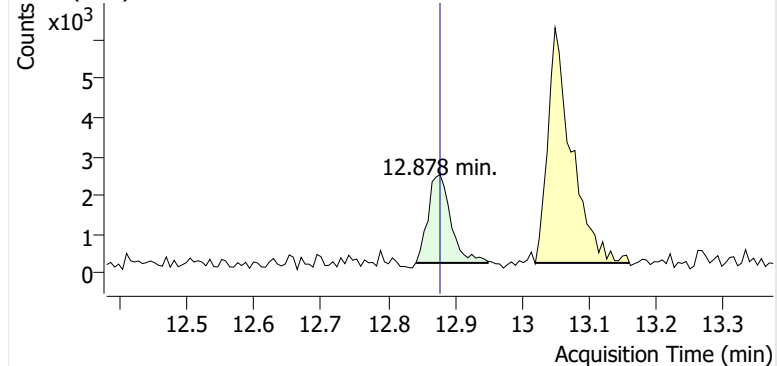
+ EIC (91.1) Scan V2502764.D



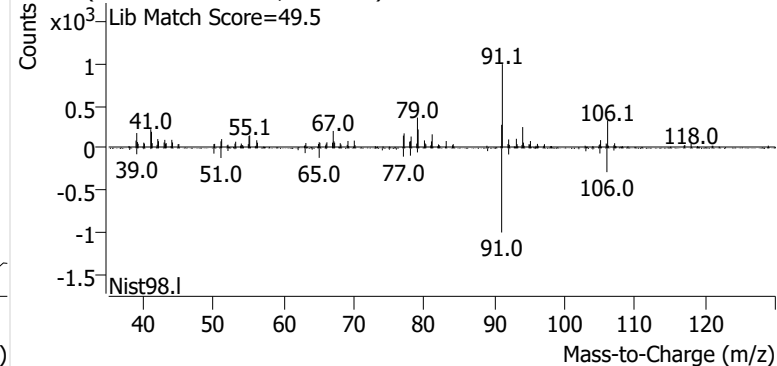
+ Scan (10.682-10.834 min, 26 scans) V2502764.D

**Ethylbenzene**

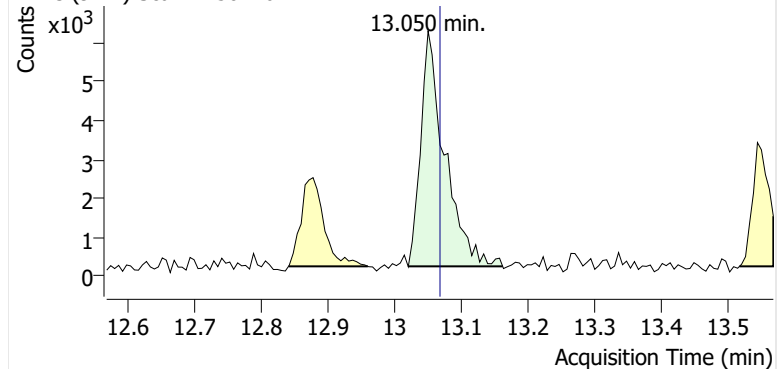
+ EIC (91.1) Scan V2502764.D



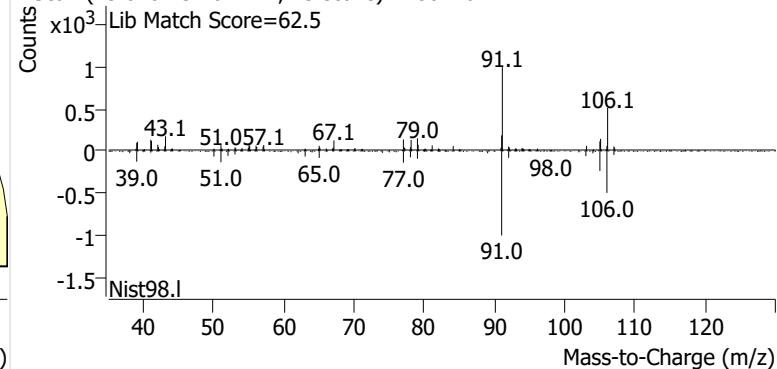
+ Scan (12.841-12.949 min, 19 scans) V2502764.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502764.D

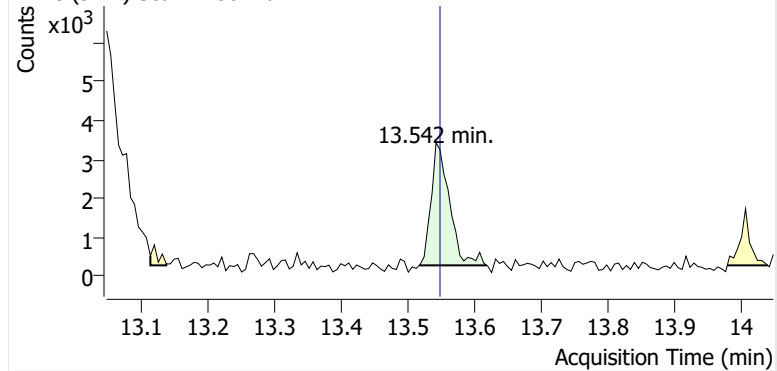


+ Scan (13.020-13.161 min, 23 scans) V2502764.D

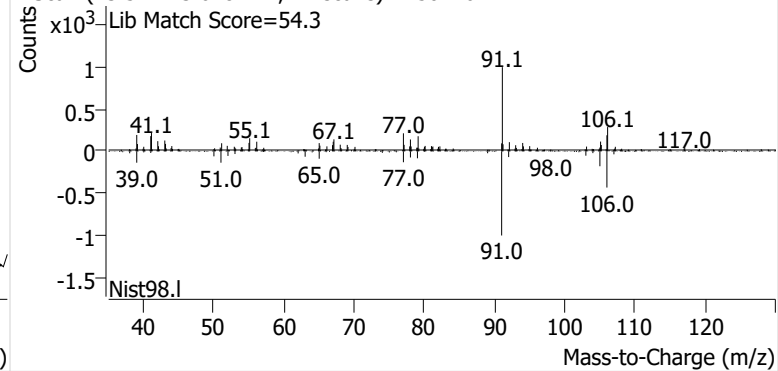


o-Xylene

+ EIC (91.1) Scan V2502764.D

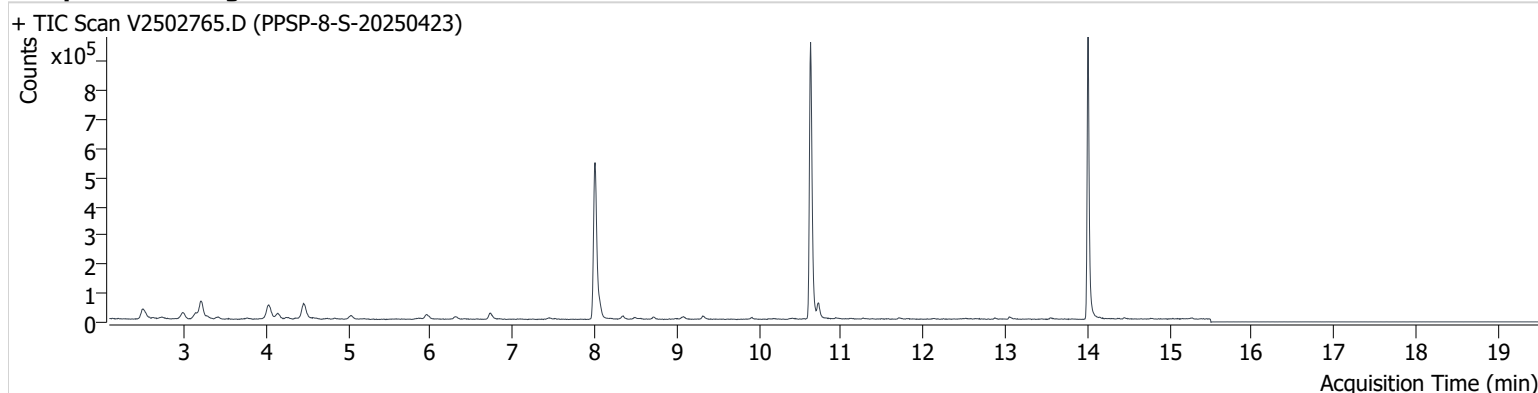


+ Scan (13.517-13.618 min, 17 scans) V2502764.D



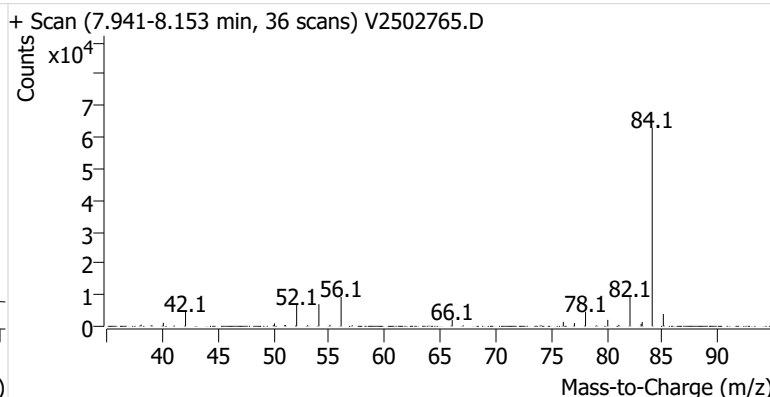
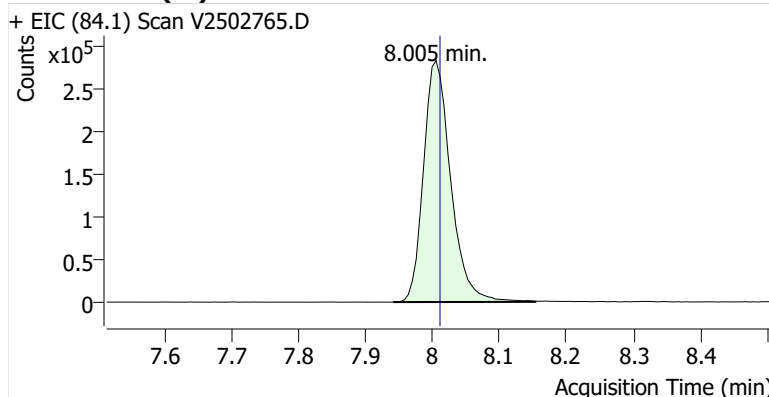
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Comment B14508
Data File V2502765.D
Acq. Date-Time 5/10/2025 3:52:43 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

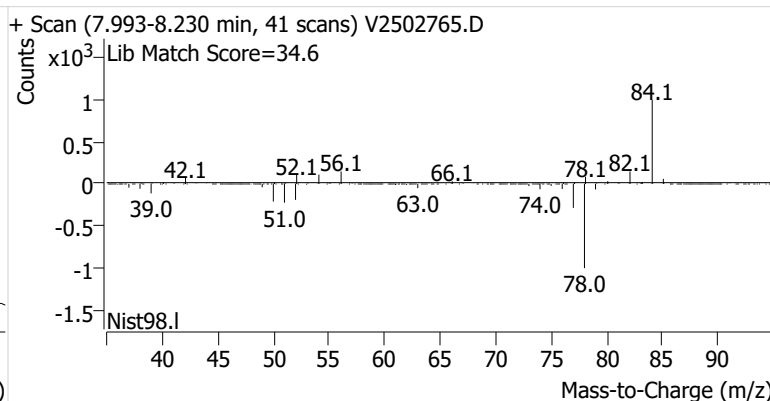
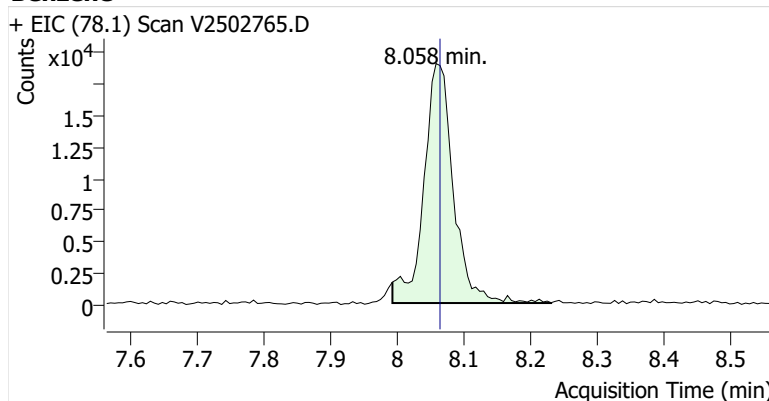


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	804,907	
Benzene	Benzene-d6 (IS)	8.058	8.064	58,536	
Toluene-d8 (IS)		10.628	10.634	862,347	
Toluene	Toluene-d8 (IS)	10.723	10.723	44,020	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	3,062	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	7,120	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	3,326	

Benzene-d6 (IS)

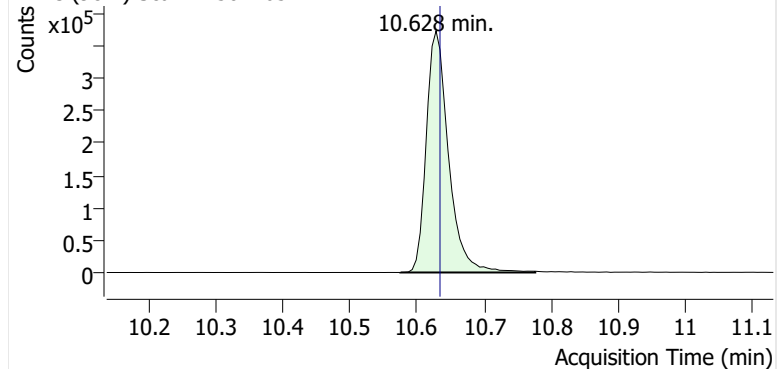


Benzene

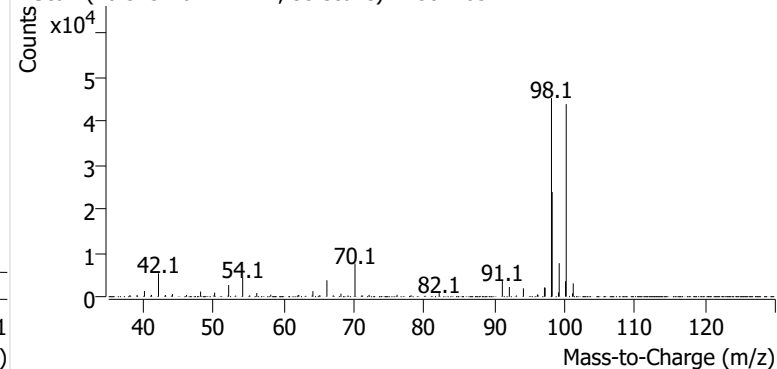


Toluene-d8 (IS)

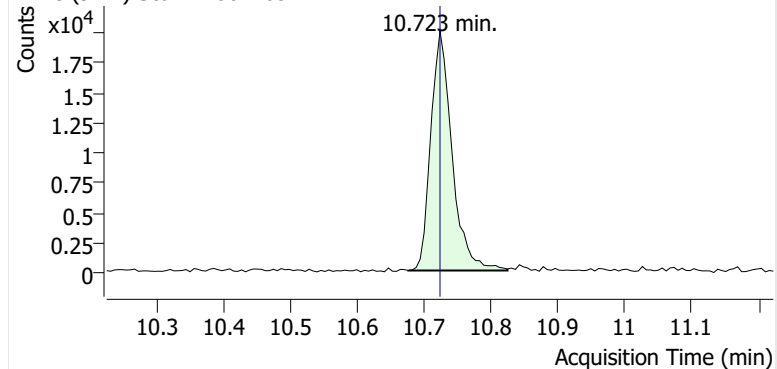
+ EIC (98.1) Scan V2502765.D



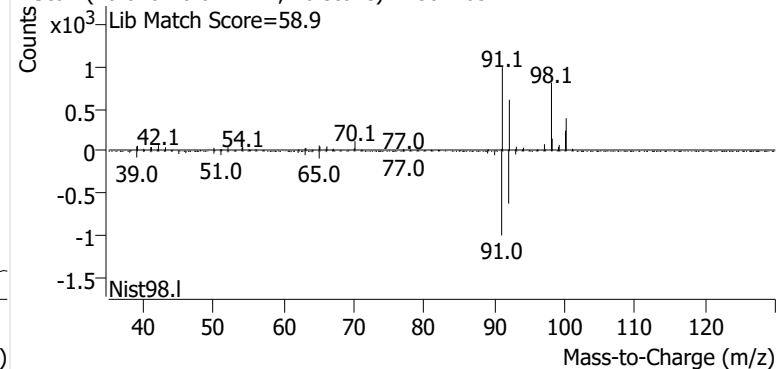
+ Scan (10.575-10.777 min, 35 scans) V2502765.D

**Toluene**

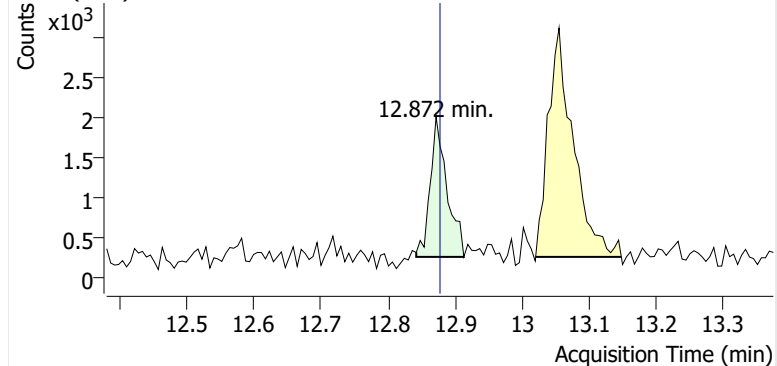
+ EIC (91.1) Scan V2502765.D



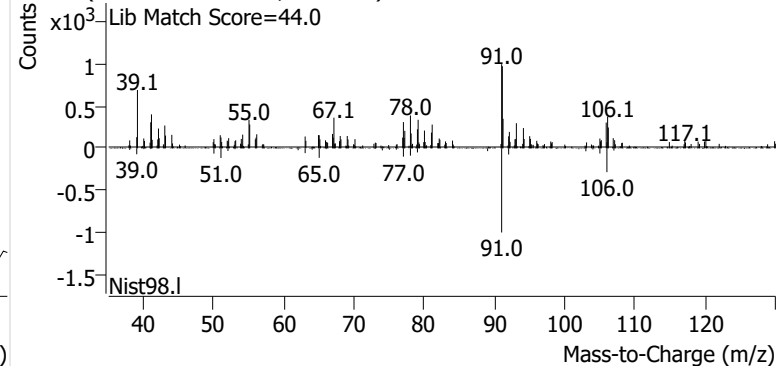
+ Scan (10.676-10.824 min, 26 scans) V2502765.D

**Ethylbenzene**

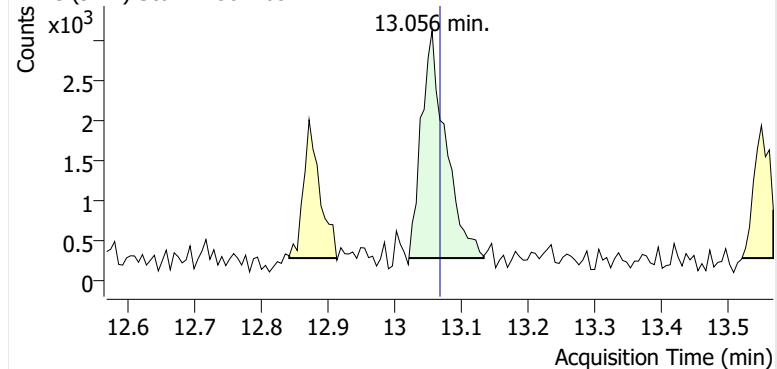
+ EIC (91.1) Scan V2502765.D



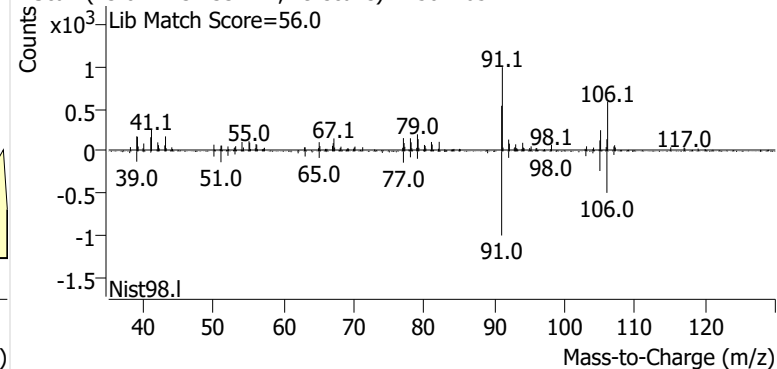
+ Scan (12.842-12.913 min, 13 scans) V2502765.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502765.D

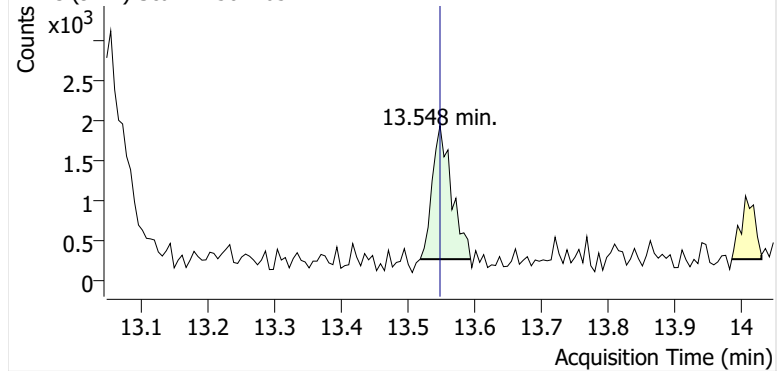


+ Scan (13.021-13.133 min, 19 scans) V2502765.D

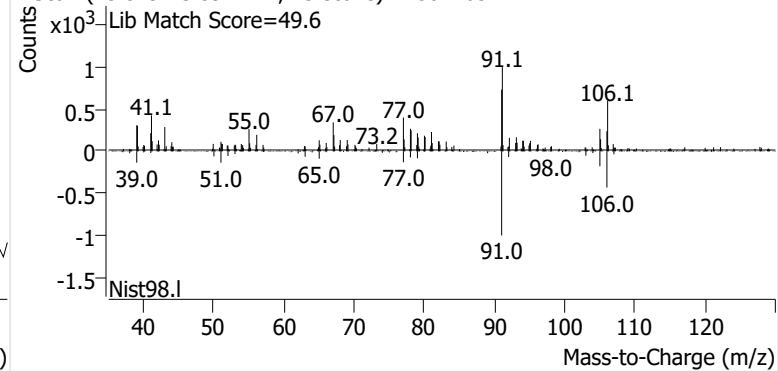


o-Xylene

+ EIC (91.1) Scan V2502765.D

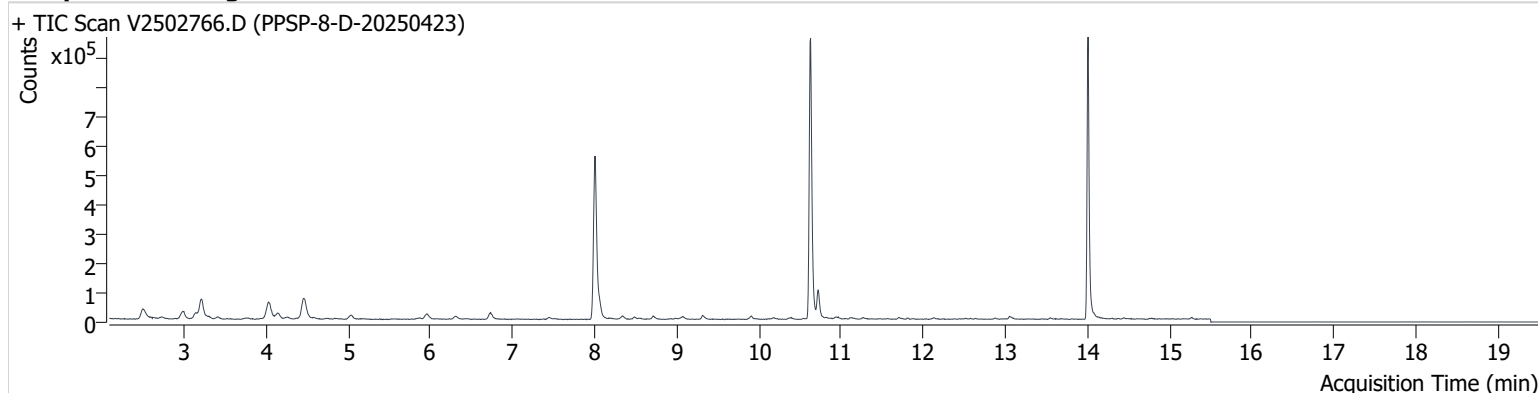


+ Scan (13.519-13.594 min, 13 scans) V2502765.D



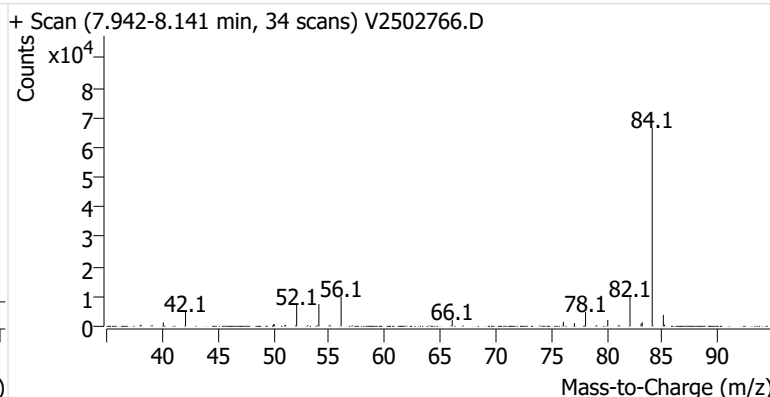
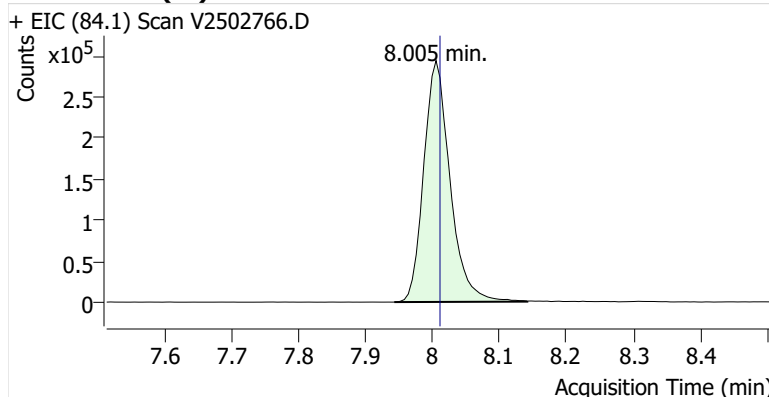
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Comment B14545
Data File V2502766.D
Acq. Date-Time 5/10/2025 4:33:54 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

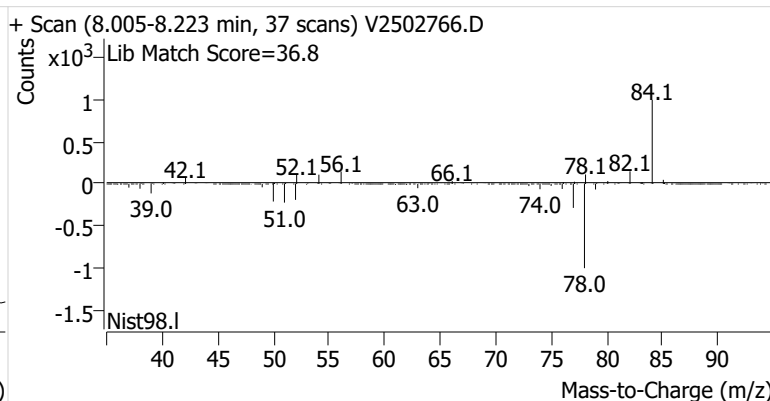
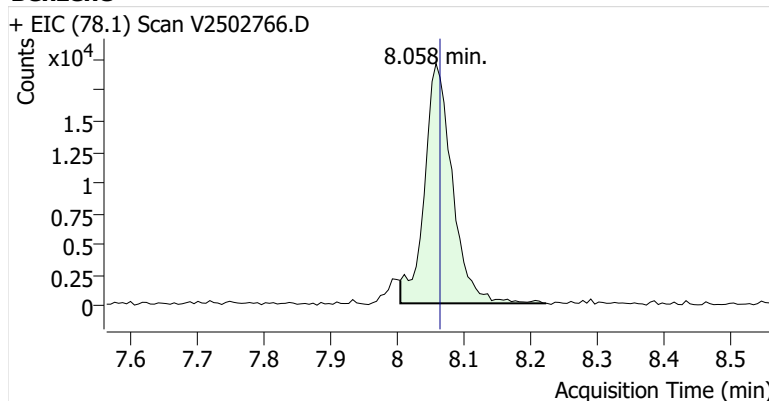


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	803,150	
Benzene	Benzene-d6 (IS)	8.058	8.064	56,516	
Toluene-d8 (IS)		10.622	10.634	854,753	
Toluene	Toluene-d8 (IS)	10.723	10.723	85,849	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	3,397	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	9,395	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	3,476	

Benzene-d6 (IS)

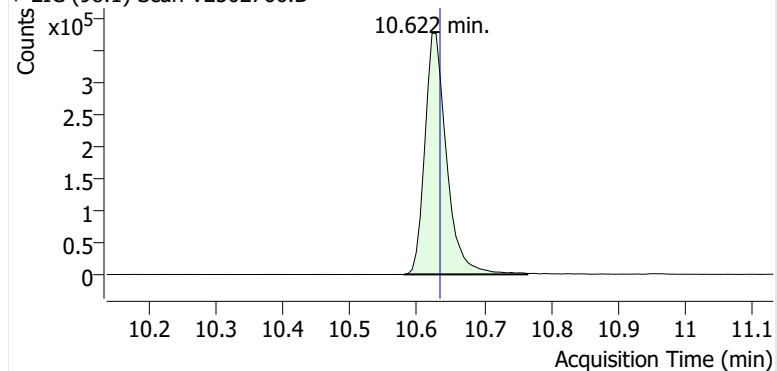


Benzene

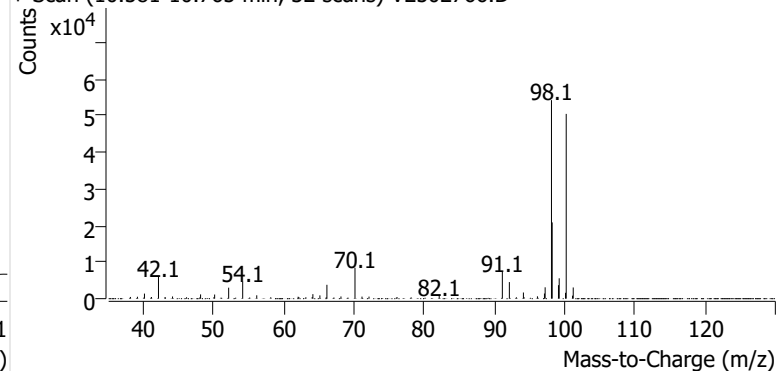


Toluene-d8 (IS)

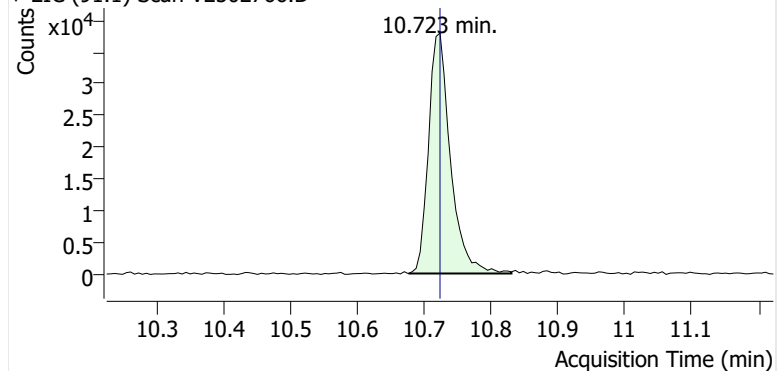
+ EIC (98.1) Scan V2502766.D



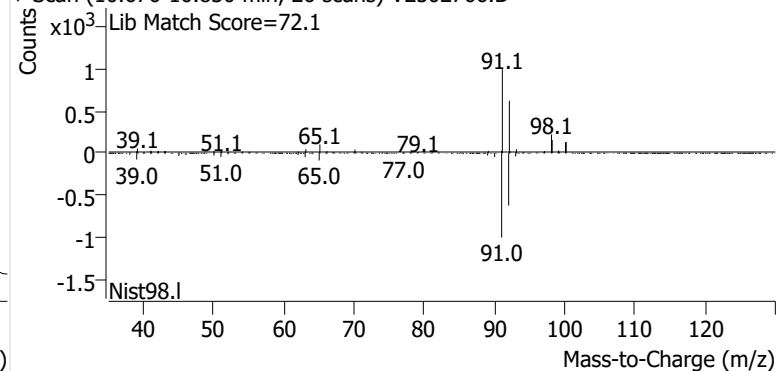
+ Scan (10.581-10.765 min, 32 scans) V2502766.D

**Toluene**

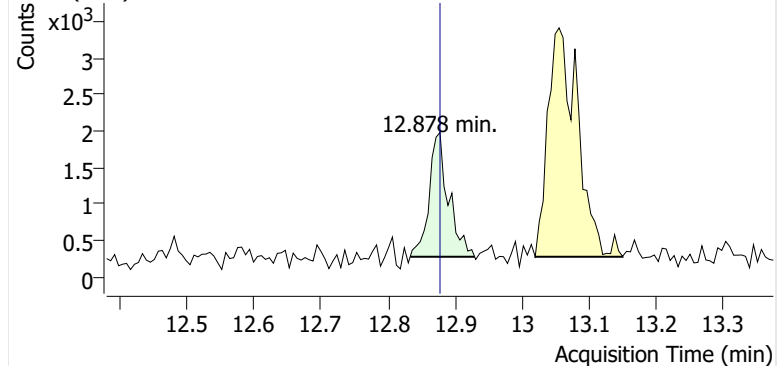
+ EIC (91.1) Scan V2502766.D



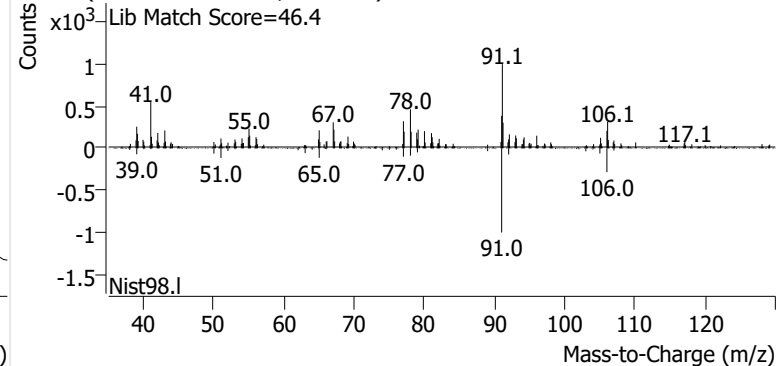
+ Scan (10.676-10.830 min, 26 scans) V2502766.D

**Ethylbenzene**

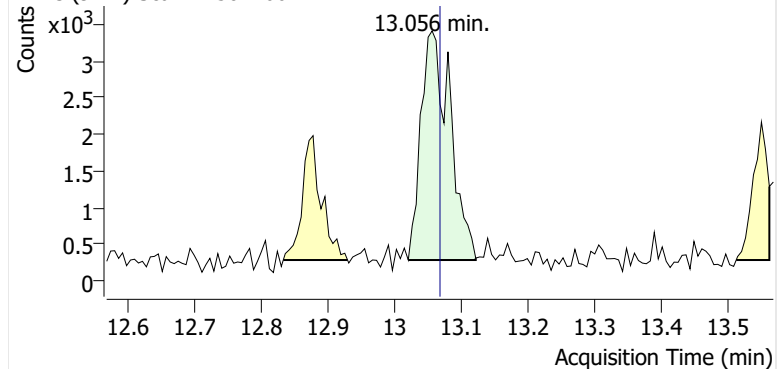
+ EIC (91.1) Scan V2502766.D



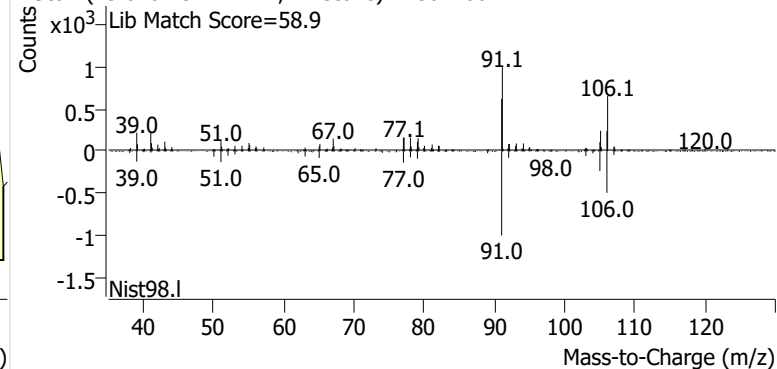
+ Scan (12.833-12.929 min, 16 scans) V2502766.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502766.D

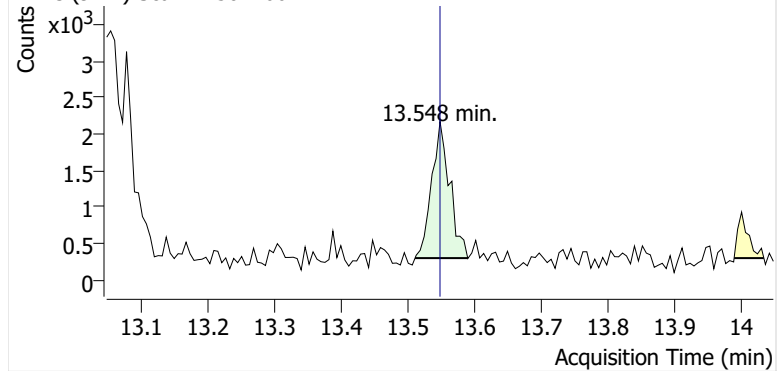


+ Scan (13.020-13.121 min, 17 scans) V2502766.D

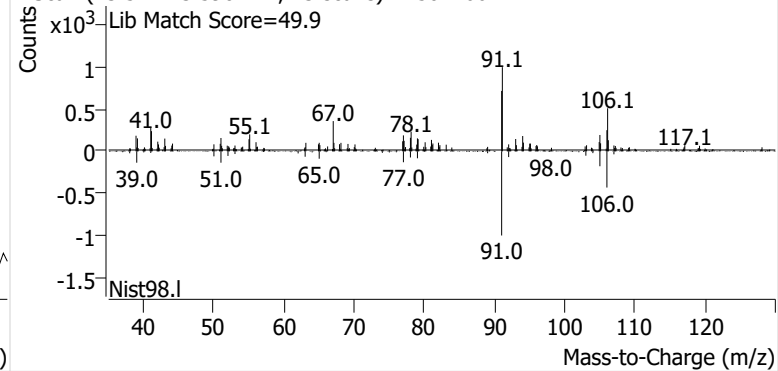


o-Xylene

+ EIC (91.1) Scan V2502766.D

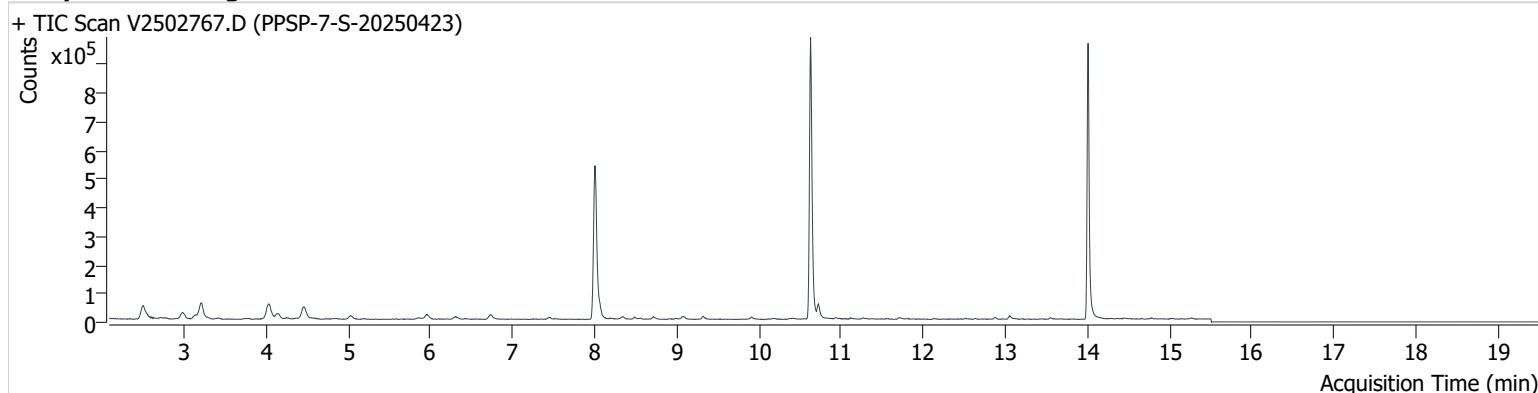


+ Scan (13.511-13.590 min, 13 scans) V2502766.D



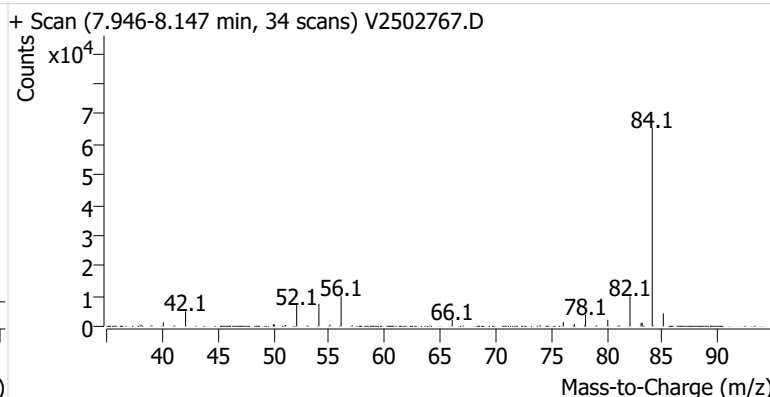
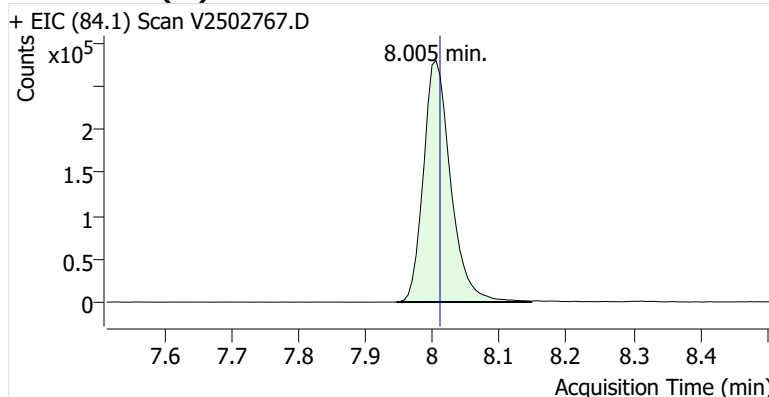
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Comment C00839
Data File V2502767.D
Acq. Date-Time 5/10/2025 5:15:06 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

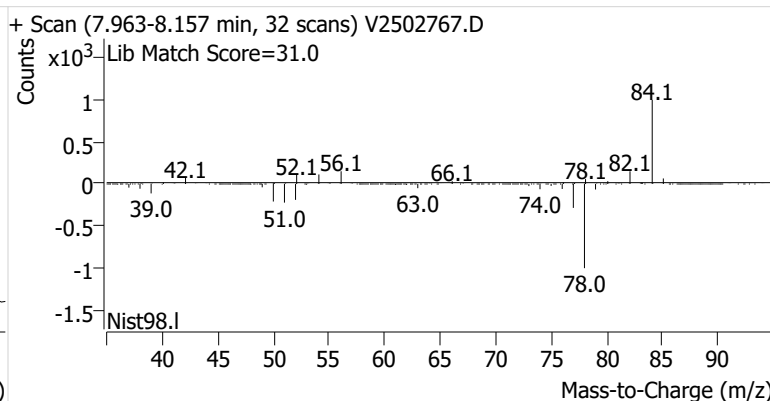
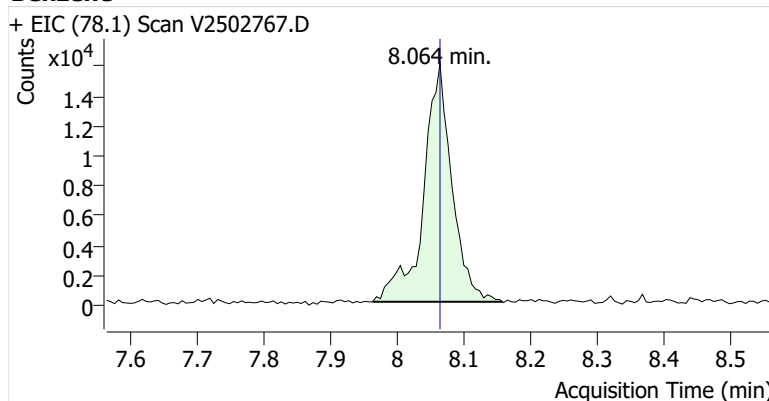


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	793,249	
Benzene	Benzene-d6 (IS)	8.064	8.064	47,340	
Toluene-d8 (IS)		10.628	10.634	844,256	
Toluene	Toluene-d8 (IS)	10.723	10.723	39,001	
Ethylbenzene	Toluene-d8 (IS)	12.878	12.878	5,468	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	10,754	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	3,904	

Benzene-d6 (IS)

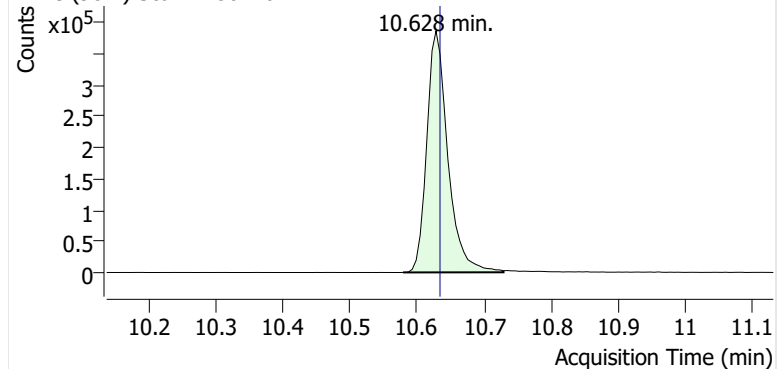


Benzene

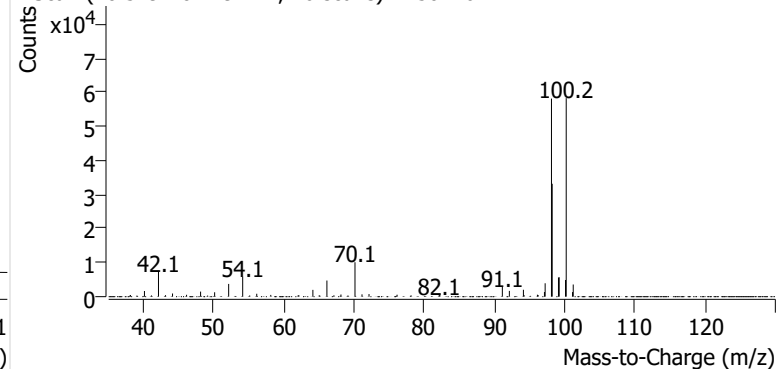


Toluene-d8 (IS)

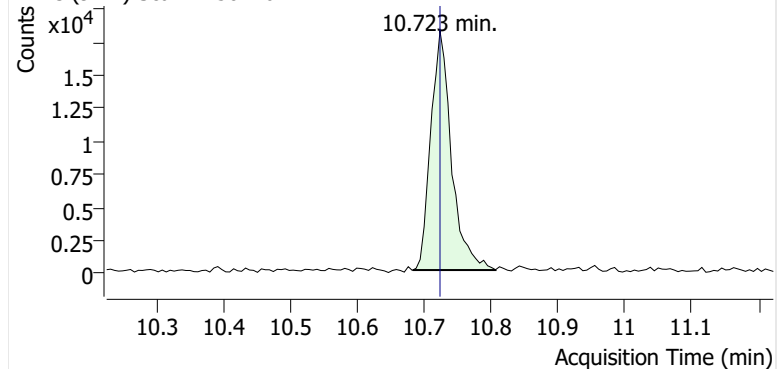
+ EIC (98.1) Scan V2502767.D



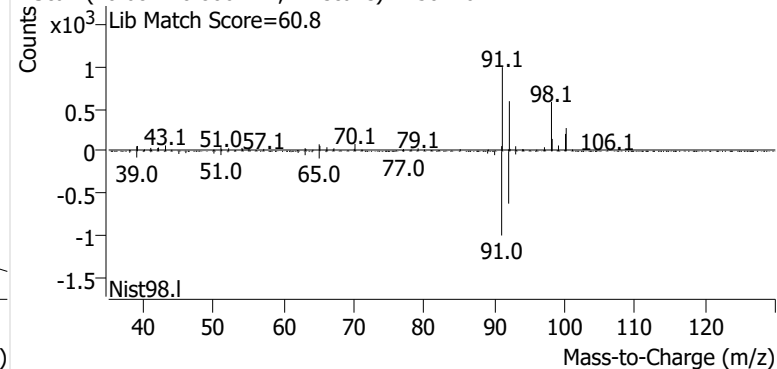
+ Scan (10.579-10.729 min, 26 scans) V2502767.D

**Toluene**

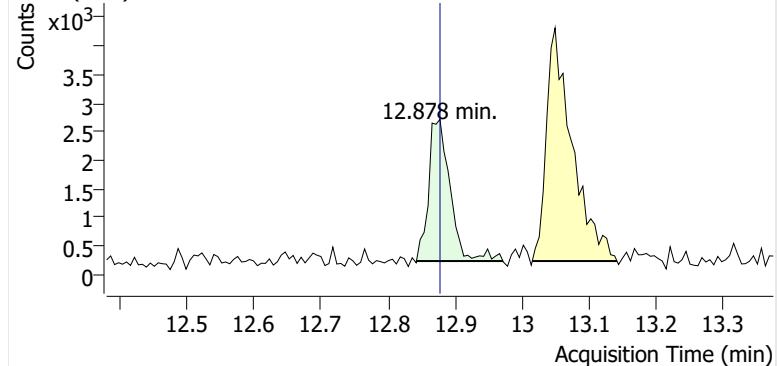
+ EIC (91.1) Scan V2502767.D



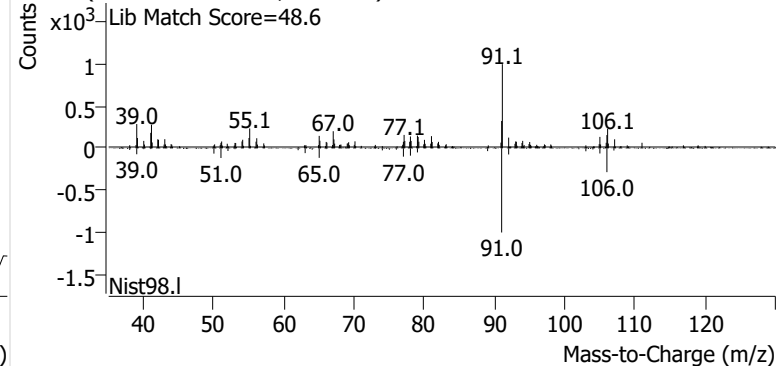
+ Scan (10.682-10.806 min, 21 scans) V2502767.D

**Ethylbenzene**

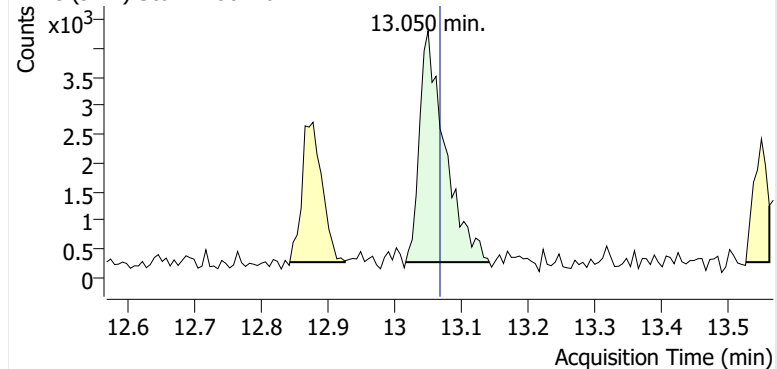
+ EIC (91.1) Scan V2502767.D



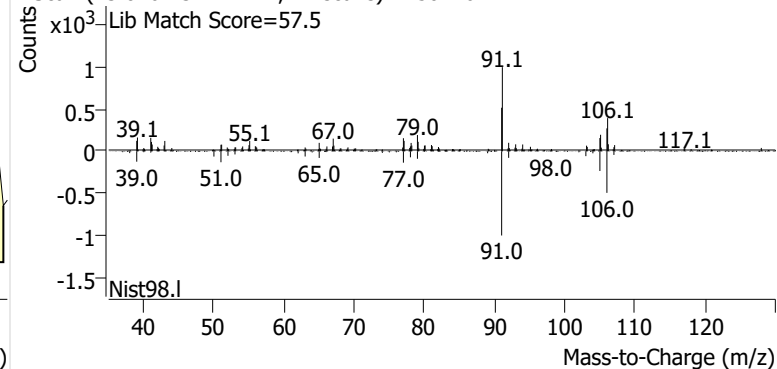
+ Scan (12.842-12.972 min, 21 scans) V2502767.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2502767.D

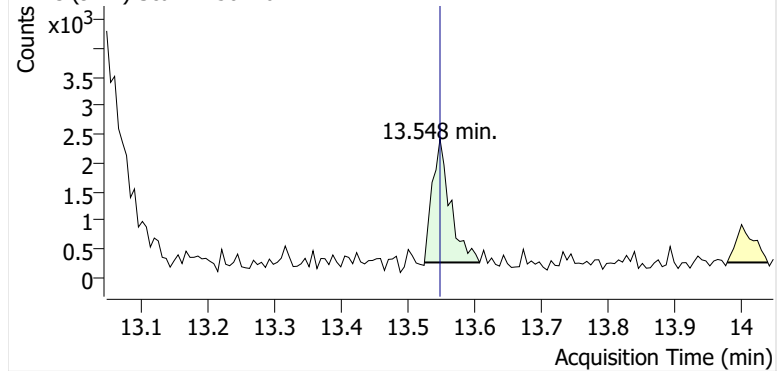


+ Scan (13.016-13.141 min, 21 scans) V2502767.D

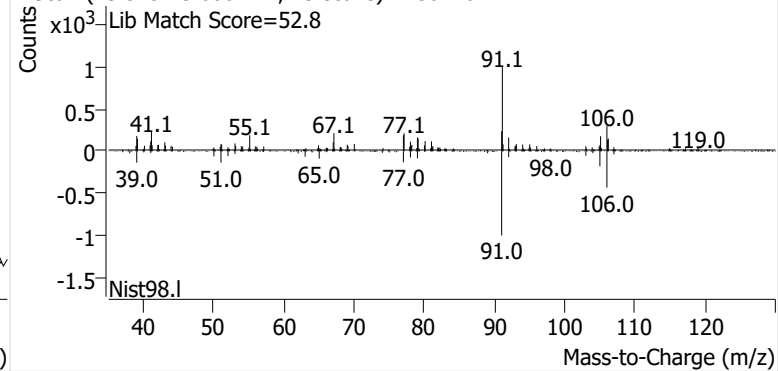


o-Xylene

+ EIC (91.1) Scan V2502767.D



+ Scan (13.525-13.608 min, 13 scans) V2502767.D



Calibration Summary Reports



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2502750.D	C53688	Cal	0.866	0.899	0.866	-3.6%	-8.2%		Pass	
2025FW203 Method Blank-1	V2502751.D	B48114	Blank		0.899	0.866			1.6%	Pass	ND
M325B CCV 5 REC	V2502762.D	C53713	Check	0.859	0.899	0.866	-4.4%		-2.1%	Pass	
M325B CCV 5	V2502768.D	C39244	Check	0.867	0.899	0.866	-3.5%		2.5%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2502750.D	C53688	Cal	0.932	0.969	0.932	-3.8%	-7.9%		Pass	
2025FW203 Method Blank-1	V2502751.D	B48114	Blank		0.969	0.932			1.1%	Pass	ND
M325B CCV 5 REC	V2502762.D	C53713	Check	0.918	0.969	0.932	-5.2%		-3.0%	Pass	
M325B CCV 5	V2502768.D	C39244	Check	0.945	0.969	0.932	-2.4%		2.4%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2502750.D	C53688	Cal	1.193	1.132	1.193	5.4%	-7.9%		Pass	
2025FW203 Method Blank-1	V2502751.D	B48114	Blank		1.132	1.193			1.1%	Pass	ND
M325B CCV 5 REC	V2502762.D	C53713	Check	1.142	1.132	1.193	0.88%		-3.0%	Pass	
M325B CCV 5	V2502768.D	C39244	Check	1.216	1.132	1.193	7.5%		2.4%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2502750.D	C53688	Cal	0.987	0.939	0.987	5.1%	-7.9%		Pass	
2025FW203 Method Blank-1	V2502751.D	B48114	Blank		0.939	0.987			1.1%	Pass	ND
M325B CCV 5 REC	V2502762.D	C53713	Check	0.941	0.939	0.987	0.23%		-3.0%	Pass	
M325B CCV 5	V2502768.D	C39244	Check	1.036	0.939	0.987	10%		2.4%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2502750.D	C53688	Cal	1.003	0.938	1.003	7.0%	-7.9%		Pass	
2025FW203 Method Blank-1	V2502751.D	B48114	Blank		0.938	1.003			1.1%	Pass	ND
M325B CCV 5 REC	V2502762.D	C53713	Check	0.943	0.938	1.003	0.57%		-3.0%	Pass	
M325B CCV 5	V2502768.D	C39244	Check	1.022	0.938	1.003	9.0%		2.4%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	Benzene	1	V2501409.D	4.97	51375	90.3	897026	1.041	0.16
V030825A_CC252679	Benzene	2	V2501410.D	9.94	92048	90.3	887879	0.942	0.049
V030825A_CC252679	Benzene	3	V2501411.D	19.87	159953	90.3	804306	0.904	0.0057
V030825A_CC252679	Benzene	4	V2501412.D	39.74	345160	90.3	873251	0.898	-0.00057
V030825A_CC252679	Benzene	5	V2501413.D	99.35	838402	90.3	872117	0.874	-0.028
V030825A_CC252679	Benzene	6	V2501414.D	197.09	1443691	90.3	784970	0.843	-0.062
V030825A_CC252679	Benzene	7	V2501415.D	591.27	4501091	90.3	871464	0.789	-0.12
						Avg:	855859	0.899	
						%RSD:	5.1%	8.9%	
V030825A_CC252679	Toluene	1	V2501409.D	5.37	51323	105.3	944318	1.065	0.1
V030825A_CC252679	Toluene	2	V2501410.D	10.74	103625	105.3	941790	1.078	0.11
V030825A_CC252679	Toluene	3	V2501411.D	21.48	189526	105.3	929394	0.999	0.032
V030825A_CC252679	Toluene	4	V2501412.D	42.97	382306	105.3	926643	1.011	0.044
V030825A_CC252679	Toluene	5	V2501413.D	107.42	878537	105.3	936841	0.919	-0.051
V030825A_CC252679	Toluene	6	V2501414.D	213.11	1685539	105.3	932205	0.893	-0.078
V030825A_CC252679	Toluene	7	V2501415.D	639.32	4216480	105.3	854196	0.813	-0.16
						Avg:	923627	0.969	
						%RSD:	3.4%	10.0%	
V030825A_CC252679	Ethylbenzene	1	V2501409.D	5.16	56552	105.3	944318	1.221	0.079
V030825A_CC252679	Ethylbenzene	2	V2501410.D	10.33	115282	105.3	941790	1.248	0.1
V030825A_CC252679	Ethylbenzene	3	V2501411.D	20.65	217353	105.3	929394	1.192	0.053
V030825A_CC252679	Ethylbenzene	4	V2501412.D	41.30	439784	105.3	926643	1.210	0.069
V030825A_CC252679	Ethylbenzene	5	V2501413.D	103.26	934333	105.3	936841	1.017	-0.1
V030825A_CC252679	Ethylbenzene	6	V2501414.D	204.84	1822885	105.3	932205	1.005	-0.11
V030825A_CC252679	Ethylbenzene	7	V2501415.D	614.53	5133542	105.3	854196	1.030	-0.09
						Avg:	923627	1.132	
						%RSD:	3.4%	9.6%	
V030825A_CC252679	m-/p-Xylenes	1	V2501409.D	4.88	44177	105.3	944318	1.010	0.076
V030825A_CC252679	m-/p-Xylenes	2	V2501410.D	9.75	91273	105.3	941790	1.046	0.11
V030825A_CC252679	m-/p-Xylenes	3	V2501411.D	19.50	167928	105.3	929394	0.975	0.039
V030825A_CC252679	m-/p-Xylenes	4	V2501412.D	39.01	343601	105.3	926643	1.001	0.066
V030825A_CC252679	m-/p-Xylenes	5	V2501413.D	97.52	711938	105.3	936841	0.820	-0.13
V030825A_CC252679	m-/p-Xylenes	6	V2501414.D	193.46	1438949	105.3	932205	0.840	-0.11
V030825A_CC252679	m-/p-Xylenes	7	V2501415.D	580.39	4146185	105.3	854196	0.881	-0.062
						Avg:	923627	0.939	
						%RSD:	3.4%	9.6%	
V030825A_CC252679	o-Xylene	1	V2501409.D	5.09	47527	105.3	944318	1.042	0.11
V030825A_CC252679	o-Xylene	2	V2501410.D	10.17	96272	105.3	941790	1.058	0.13
V030825A_CC252679	o-Xylene	3	V2501411.D	20.34	174554	105.3	929394	0.972	0.036

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW203-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	o-Xylene	4	V2501412.D	40.69	367723	105.3	926643	1.027	0.095
V030825A_CC252679	o-Xylene	5	V2501413.D	101.71	750458	105.3	936841	0.829	-0.12
V030825A_CC252679	o-Xylene	6	V2501414.D	201.78	1431412	105.3	932205	0.801	-0.15
V030825A_CC252679	o-Xylene	7	V2501415.D	605.34	4102995	105.3	854196	0.835	-0.11
Avg:							923627	0.938	
%RSD:							3.4%	12.0%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	Benzene	ICV	V2501430.D	64.10	534385	90.3	883925	0.852	-5.2%
V030825A_CC252679	Toluene	ICV	V2501430.D	76.45	657667	105.3	922228	0.982	1.4%
V030825A_CC252679	Ethylbenzene	ICV	V2501430.D	86.07	773477	105.3	922228	1.026	-9.4%
V030825A_CC252679	m-/p-Xylenes	ICV	V2501430.D	89.59	652372	105.3	922228	0.831	-11.0%
V030825A_CC252679	o-Xylene	ICV	V2501430.D	88.18	637721	105.3	922228	0.826	-12.0%

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**This Is The Last Page
Of This Report.**



Portland Pipeline - S Portland, ME

Power Engineers, Inc.
303 U.S. Route One
Freeport, ME 04032

Sampling Event 22

Analytical Report (2025FW204)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene



Enthalpy Analytical, LLC

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800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

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Brianna Berry

QA REVIEW PERFORMED BY

Brianna Berry
QA Associate I

Report Issued: 06/05/2025



Summary of Results



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250507	C01445	0.504	ND	2.18		ND		0.320	J		ND
PPSP-5-S-20250507	C43629	0.428		1.49		ND		0.361	J		ND
PPSP-4-S-20250507	C39037	0.452		1.08		ND			ND		ND
PPSP-3-S-20250507	B18476	0.499		0.893		ND			ND		ND
PPSP-2-S-20250507	B18877	0.692		1.05		ND			ND		ND
PPSP-1-S-20250507	B19904	0.684		1.40		ND			ND		ND
PPSP-1-B-20250507	C01373			0.611		ND			ND		ND
PPSP-13-S-20250507	B52891	0.532		1.09		ND			ND		ND
PPSP-12-S-20250507	C39288	0.601		0.783		ND			ND		ND
PPSP-11-S-20250507	B49400	0.610		1.29		ND			ND		ND
PPSP-10-S-20250507	C33490	0.595		1.01		ND			ND		ND
PPSP-9-S-20250507	C38579	0.574		0.845		ND			ND		ND
PPSP-8-S-20250507	C31341	0.480		0.883		ND			ND		ND
PPSP-8-D-20250507	B15755	0.549		1.07		ND			ND		ND
PPSP-7-S-20250507	C57467	0.397		1.45		ND		0.376	J		ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

Results

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250507	C01445	0.504	0.158	6.66	54.1	0.656	20163	0.189	0.376	0.0592	0.118		V2503110.D	2025-05-24 04:49	0.800	8.058	42439	719045	90.3	7.999	-0.6%
PPSP-5-S-20250507	C43629	0.428	0.134	5.65	54.1	0.656	20163	0.189	0.376	0.0592	0.118		V2503111.D	2025-05-24 05:30	0.800	8.058	35435	706998	90.3	7.999	-2.3%
PPSP-4-S-20250507	C39037	0.452	0.142	5.98	54.1	0.656	20162	0.189	0.376	0.0592	0.118		V2503112.D	2025-05-24 06:11	0.800	8.052	38400	724351	90.3	7.993	0.1%
PPSP-3-S-20250507	B18476	0.499	0.156	6.59	54.1	0.656	20162	0.189	0.376	0.0592	0.118		V2503113.D	2025-05-24 06:53	0.800	8.046	41909	716964	90.3	7.993	-0.9%
PPSP-2-S-20250507	B18877	0.692	0.217	9.15	54.1	0.656	20162	0.189	0.376	0.0592	0.118		V2503114.D	2025-05-24 07:34	0.800	8.052	57965	714574	90.3	7.993	-1.2%
PPSP-1-S-20250507	B19904	0.684	0.214	9.05	54.1	0.656	20163	0.189	0.376	0.0592	0.118		V2503115.D	2025-05-24 08:15	0.800	8.058	57627	718650	90.3	7.993	-0.7%
PPSP-1-B-20250507	C01373				54.1	0.656	20163	0.189	0.376	0.0592	0.118	ND	V2503109.D	2025-05-24 04:08	0.800	8.058	4177	718902	90.3	8.005	-0.7%
PPSP-13-S-20250507	B52891	0.532	0.167	7.04	54.1	0.656	20164	0.189	0.376	0.0592	0.118		V2503116.D	2025-05-24 08:56	0.800	8.052	44750	717288	90.3	7.993	-0.9%
PPSP-12-S-20250507	C39288	0.601	0.188	7.95	54.1	0.656	20164	0.189	0.376	0.0592	0.118		V2503117.D	2025-05-24 09:37	0.800	8.058	50655	718908	90.3	7.993	-0.6%
PPSP-11-S-20250507	B49400	0.610	0.191	8.06	54.1	0.656	20164	0.189	0.376	0.0592	0.118		V2503118.D	2025-05-24 10:19	0.800	8.058	50411	705439	90.3	7.999	-2.5%
PPSP-10-S-20250507	C33490	0.595	0.186	7.86	54.1	0.656	20165	0.189	0.376	0.0592	0.118		V2503120.D	2025-05-24 12:00	0.800	8.052	49622	712194	90.3	7.993	-1.6%
PPSP-9-S-20250507	C38579	0.574	0.180	7.59	54.1	0.656	20165	0.189	0.376	0.0592	0.118		V2503121.D	2025-05-24 12:41	0.800	8.058	47953	713017	90.3	7.999	-1.5%
PPSP-8-S-20250507	C31341	0.480	0.150	6.35	54.1	0.656	20166	0.189	0.376	0.0592	0.118		V2503122.D	2025-05-24 13:22	0.800	8.064	39222	697104	90.3	7.999	-3.7%
PPSP-8-D-20250507	B15755	0.549	0.172	7.26	54.1	0.656	20166	0.189	0.376	0.0592	0.118		V2503123.D	2025-05-24 14:03	0.800	8.052	44879	697451	90.3	7.999	-3.6%
PPSP-7-S-20250507	C57467	0.397	0.124	5.25	54.1	0.656	20165	0.189	0.376	0.0592	0.118		V2503124.D	2025-05-24 14:44	0.800	8.058	32708	703072	90.3	8.005	-2.8%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250507	C01445	2.18	0.578	22.3	54.1	0.509	20163	0.244	0.524	0.0647	0.139		V2503110.D	2025-05-24 04:49	0.888	10.717	146697	779157	105.3	10.622	-2.5%
PPSP-5-S-20250507	C43629	1.49	0.396	15.3	54.1	0.509	20163	0.244	0.524	0.0647	0.139		V2503111.D	2025-05-24 05:30	0.888	10.717	101292	784655	105.3	10.622	-1.8%
PPSP-4-S-20250507	C39037	1.08	0.286	11.1	54.1	0.509	20162	0.244	0.524	0.0647	0.139		V2503112.D	2025-05-24 06:11	0.888	10.711	72408	776236	105.3	10.622	-2.8%
PPSP-3-S-20250507	B18476	0.893	0.237	9.16	54.1	0.509	20162	0.244	0.524	0.0647	0.139		V2503113.D	2025-05-24 06:53	0.888	10.711	61211	791994	105.3	10.616	-0.9%
PPSP-2-S-20250507	B18877	1.05	0.279	10.8	54.1	0.509	20162	0.244	0.524	0.0647	0.139		V2503114.D	2025-05-24 07:34	0.888	10.711	71370	784606	105.3	10.622	-1.8%
PPSP-1-S-20250507	B19904	1.40	0.370	14.3	54.1	0.509	20163	0.244	0.524	0.0647	0.139		V2503115.D	2025-05-24 08:15	0.888	10.717	94114	779417	105.3	10.622	-2.4%
PPSP-1-B-20250507	C01373	0.611	0.162	6.27	54.1	0.509	20163	0.244	0.524	0.0647	0.139		V2503109.D	2025-05-24 04:08	0.888	10.717	41692	788242	105.3	10.622	-1.3%
PPSP-13-S-20250507	B52891	1.09	0.288	11.1	54.1	0.509	20164	0.244	0.524	0.0647	0.139		V2503116.D	2025-05-24 08:56	0.888	10.711	72875	775263	105.3	10.622	-3.0%
PPSP-12-S-20250507	C39288	0.783	0.208	8.03	54.1	0.509	20164	0.244	0.524	0.0647	0.139		V2503117.D	2025-05-24 09:37	0.888	10.717	52683	777542	105.3	10.622	-2.7%
PPSP-11-S-20250507	B49400	1.29	0.343	13.3	54.1	0.509	20164	0.244	0.524	0.0647	0.139		V2503118.D	2025-05-24 10:19	0.888	10.717	86433	772505	105.3	10.622	-3.3%
PPSP-10-S-20250507	C33490	1.01	0.267	10.3	54.1	0.509	20165	0.244	0.524	0.0647	0.139		V2503120.D	2025-05-24 12:00	0.888	10.717	68125	782009	105.3	10.622	-2.1%
PPSP-9-S-20250507	C38579	0.845	0.224	8.67	54.1	0.509	20165	0.244	0.524	0.0647	0.139		V2503121.D	2025-05-24 12:41	0.888	10.717	56908	778190	105.3	10.622	-2.6%
PPSP-8-S-20250507	C31341	0.883	0.235	9.06	54.1	0.509	20166	0.244	0.523	0.0647	0.139		V2503122.D	2025-05-24 13:22	0.888	10.717	58097	759745	105.3	10.622	-4.9%
PPSP-8-D-20250507	B15755	1.07	0.283	10.9	54.1	0.509	20166	0.244	0.523	0.0647	0.139		V2503123.D	2025-05-24 14:03	0.888	10.717	70247	760760	105.3	10.622	-4.8%
PPSP-7-S-20250507	C57467	1.45	0.385	14.9	54.1	0.509	20165	0.244	0.524	0.0647	0.139		V2503124.D	2025-05-24 14:44	0.888	10.717	96383	767214	105.3	10.622	-4.0%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250507	C01445				54.1	0.450	20163	0.275	0.569	0.0635	0.131	ND	V2503110.D	2025-05-24 04:49	0.961	12.872	8285	779157	105.3	10.622	-2.5%
PPSP-5-S-20250507	C43629				54.1	0.450	20163	0.275	0.569	0.0635	0.131	ND	V2503111.D	2025-05-24 05:30	0.961	12.872	8593	784655	105.3	10.622	-1.8%
PPSP-4-S-20250507	C39037				54.1	0.450	20162	0.275	0.569	0.0635	0.131	ND	V2503112.D	2025-05-24 06:11	0.961	12.866	4781	776236	105.3	10.622	-2.8%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250507	B18476				54.1	0.450	20162	0.275	0.569	0.0635	0.131	ND	V2503113.D	2025-05-24 06:53	0.961	12.866	5681	791994	105.3	10.616	-0.9%
PPSP-2-S-20250507	B18877				54.1	0.450	20162	0.275	0.569	0.0635	0.131	ND	V2503114.D	2025-05-24 07:34	0.961	12.866	5167	784606	105.3	10.622	-1.8%
PPSP-1-S-20250507	B19904				54.1	0.450	20163	0.275	0.569	0.0635	0.131	ND	V2503115.D	2025-05-24 08:15	0.961	12.866	5050	779417	105.3	10.622	-2.4%
PPSP-1-B-20250507	C01373				54.1	0.450	20163	0.275	0.569	0.0635	0.131	ND	V2503109.D	2025-05-24 04:08	0.961	12.872	1940	788242	105.3	10.622	-1.3%
PPSP-13-S-20250507	B52891				54.1	0.450	20164	0.275	0.569	0.0635	0.131	ND	V2503116.D	2025-05-24 08:56	0.961	12.860	5045	775263	105.3	10.622	-3.0%
PPSP-12-S-20250507	C39288				54.1	0.450	20164	0.275	0.569	0.0635	0.131	ND	V2503117.D	2025-05-24 09:37	0.961	12.866	2874	777542	105.3	10.622	-2.7%
PPSP-11-S-20250507	B49400				54.1	0.450	20164	0.275	0.569	0.0635	0.131	ND	V2503118.D	2025-05-24 10:19	0.961	12.866	5105	772505	105.3	10.622	-3.3%
PPSP-10-S-20250507	C33490				54.1	0.450	20165	0.275	0.569	0.0635	0.131	ND	V2503120.D	2025-05-24 12:00	0.961	12.872	6591	782009	105.3	10.622	-2.1%
PPSP-9-S-20250507	C38579				54.1	0.450	20165	0.275	0.569	0.0635	0.131	ND	V2503121.D	2025-05-24 12:41	0.961	12.866	4149	778190	105.3	10.622	-2.6%
PPSP-8-S-20250507	C31341				54.1	0.450	20166	0.275	0.569	0.0635	0.131	ND	V2503122.D	2025-05-24 13:22	0.961	12.872	6362	759745	105.3	10.622	-4.9%
PPSP-8-D-20250507	B15755				54.1	0.450	20166	0.275	0.569	0.0635	0.131	ND	V2503123.D	2025-05-24 14:03	0.961	12.872	7556	760760	105.3	10.622	-4.8%
PPSP-7-S-20250507	C57467				54.1	0.450	20165	0.275	0.569	0.0635	0.131	ND	V2503124.D	2025-05-24 14:44	0.961	12.872	8168	767214	105.3	10.622	-4.0%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250507	C01445	0.320	0.0737	2.90	54.1	0.450	20163	0.275	0.537	0.0635	0.124	J	V2503110.D	2025-05-24 04:49	0.827	13.050	17762	779157	105.3	10.622	-2.5%
PPSP-5-S-20250507	C43629	0.361	0.0833	3.28	54.1	0.450	20163	0.275	0.537	0.0635	0.124	J	V2503111.D	2025-05-24 05:30	0.827	13.044	20215	784655	105.3	10.622	-1.8%
PPSP-4-S-20250507	C39037				54.1	0.450	20162	0.275	0.537	0.0635	0.124	ND	V2503112.D	2025-05-24 06:11	0.827	13.050	9569	776236	105.3	10.622	-2.8%
PPSP-3-S-20250507	B18476				54.1	0.450	20162	0.275	0.537	0.0635	0.124	ND	V2503113.D	2025-05-24 06:53	0.827	13.044	13946	791994	105.3	10.616	-0.9%
PPSP-2-S-20250507	B18877				54.1	0.450	20162	0.275	0.537	0.0635	0.124	ND	V2503114.D	2025-05-24 07:34	0.827	13.044	11265	784606	105.3	10.622	-1.8%
PPSP-1-S-20250507	B19904				54.1	0.450	20163	0.275	0.537	0.0635	0.124	ND	V2503115.D	2025-05-24 08:15	0.827	13.044	8710	779417	105.3	10.622	-2.4%
PPSP-1-B-20250507	C01373				54.1	0.450	20163	0.275	0.537	0.0635	0.124	ND	V2503109.D	2025-05-24 04:08	0.827	13.056	1468	788242	105.3	10.622	-1.3%
PPSP-13-S-20250507	B52891				54.1	0.450	20164	0.275	0.537	0.0635	0.124	ND	V2503116.D	2025-05-24 08:56	0.827	13.044	8686	775263	105.3	10.622	-3.0%
PPSP-12-S-20250507	C39288				54.1	0.450	20164	0.275	0.537	0.0635	0.124	ND	V2503117.D	2025-05-24 09:37	0.827	13.038	6516	777542	105.3	10.622	-2.7%
PPSP-11-S-20250507	B49400				54.1	0.450	20164	0.275	0.537	0.0635	0.124	ND	V2503118.D	2025-05-24 10:19	0.827	13.050	7920	772505	105.3	10.622	-3.3%
PPSP-10-S-20250507	C33490				54.1	0.450	20165	0.275	0.537	0.0635	0.124	ND	V2503120.D	2025-05-24 12:00	0.827	13.044	10984	782009	105.3	10.622	-2.1%
PPSP-9-S-20250507	C38579				54.1	0.450	20165	0.275	0.537	0.0635	0.124	ND	V2503121.D	2025-05-24 12:41	0.827	13.050	10789	778190	105.3	10.622	-2.6%
PPSP-8-S-20250507	C31341				54.1	0.450	20166	0.275	0.537	0.0635	0.124	ND	V2503122.D	2025-05-24 13:22	0.827	13.044	10958	759745	105.3	10.622	-4.9%
PPSP-8-D-20250507	B15755				54.1	0.450	20166	0.275	0.537	0.0635	0.124	ND	V2503123.D	2025-05-24 14:03	0.827	13.050	13267	760760	105.3	10.622	-4.8%
PPSP-7-S-20250507	C57467	0.376	0.0868	3.42	54.1	0.450	20165	0.275	0.537	0.0635	0.124	J	V2503124.D	2025-05-24 14:44	0.827	13.044	20593	767214	105.3	10.622	-4.0%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250507	C01445				54.1	0.450	20163	0.275	0.560	0.0635	0.129	ND	V2503110.D	2025-05-24 04:49	0.781	13.543	7258	779157	105.3	10.622	-2.5%
PPSP-5-S-20250507	C43629				54.1	0.450	20163	0.275	0.560	0.0635	0.129	ND	V2503111.D	2025-05-24 05:30	0.781	13.542	7834	784655	105.3	10.622	-1.8%
PPSP-4-S-20250507	C39037				54.1	0.450	20162	0.275	0.560	0.0635	0.129	ND	V2503112.D	2025-05-24 06:11	0.781	13.537	3560	776236	105.3	10.622	-2.8%
PPSP-3-S-20250507	B18476				54.1	0.450	20162	0.275	0.560	0.0635	0.129	ND	V2503113.D	2025-05-24 06:53	0.781	13.543	5597	791994	105.3	10.616	-0.9%
PPSP-2-S-20250507	B18877				54.1	0.450	20162	0.275	0.560	0.0635	0.129	ND	V2503114.D	2025-05-24 07:34	0.781	13.537	4406	784606	105.3	10.622	-1.8%
PPSP-1-S-20250507	B19904				54.1	0.450	20163	0.275	0.560	0.0635	0.129	ND	V2503115.D	2025-05-24 08:15	0.781	13.548	3345	779417	105.3	10.622	-2.4%

Enthalpy Analytical

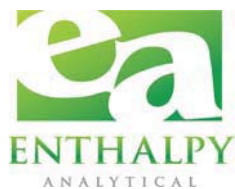
Company: Power Engineers, Inc.
Job No.: 2025FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250507	C01373				54.1	0.450	20163	0.275	0.560	0.0635	0.129	ND	V2503109.D	2025-05-24 04:08	0.781	13.543	353	788242	105.3	10.622	-1.3%
PPSP-13-S-20250507	B52891				54.1	0.450	20164	0.275	0.560	0.0635	0.129	ND	V2503116.D	2025-05-24 08:56	0.781	13.542	3605	775263	105.3	10.622	-3.0%
PPSP-12-S-20250507	C39288				54.1	0.450	20164	0.275	0.560	0.0635	0.129	ND	V2503117.D	2025-05-24 09:37	0.781	13.542	2616	777542	105.3	10.622	-2.7%
PPSP-11-S-20250507	B49400				54.1	0.450	20164	0.275	0.560	0.0635	0.129	ND	V2503118.D	2025-05-24 10:19	0.781	13.542	2792	772505	105.3	10.622	-3.3%
PPSP-10-S-20250507	C33490				54.1	0.450	20165	0.275	0.560	0.0635	0.129	ND	V2503120.D	2025-05-24 12:00	0.781	13.548	4787	782009	105.3	10.622	-2.1%
PPSP-9-S-20250507	C38579				54.1	0.450	20165	0.275	0.560	0.0635	0.129	ND	V2503121.D	2025-05-24 12:41	0.781	13.537	3833	778190	105.3	10.622	-2.6%
PPSP-8-S-20250507	C31341				54.1	0.450	20166	0.275	0.560	0.0635	0.129	ND	V2503122.D	2025-05-24 13:22	0.781	13.548	4370	759745	105.3	10.622	-4.9%
PPSP-8-D-20250507	B15755				54.1	0.450	20166	0.275	0.560	0.0635	0.129	ND	V2503123.D	2025-05-24 14:03	0.781	13.548	4737	760760	105.3	10.622	-4.8%
PPSP-7-S-20250507	C57467				54.1	0.450	20165	0.275	0.560	0.0635	0.129	ND	V2503124.D	2025-05-24 14:44	0.781	13.548	8442	767214	105.3	10.622	-4.0%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW204-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250507	ND	Pass	0.611	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250507	13%	Pass	19%	Pass	ND	Pass	ND	Pass	ND	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Site	Portland Pipeline - S Portland, ME
Report #	2025FW204

Custody	Enthalpy Analytical, LLC received the sample tubes on 05/22/25. The samples were received in good condition at a temperature of 17.6 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for benzene, toluene, ethylbenzene, m-/p-xylenes, and o-xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m³ and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.





Enthalpy Analytical LDEQ Certification Statement

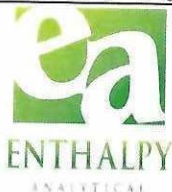
Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) under **Certificate Number 04010**. The methods included in this report are listed in the table below along with Enthalpy-Durham's accreditation status with LDEQ and any analytes that Enthalpy-Durham does not hold accreditation for.

Method	Accredited by LDEQ?	Analytes of an Accredited Method that are not Accredited
EPA M325B	Yes	N/A

Sample Custody



2025FW204



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

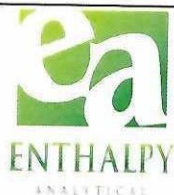
Page # 1 of # 2

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
 • All TATs Subject to Approval by Enthalpy Analytical, LLC
 • Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #		
City:			Project Manager: Tom Rolfson			Sorbent:		
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	C01445	sample	5/7/25	10:30 AM	5/21/25	10:33 AM	JB / JB		
5	C43629	sample	5/7/25	10:36 AM	5/21/25	10:39 AM	JB / JB		
4	C39037	sample	5/7/25	10:41 AM	5/21/25	10:43 AM	JB / JB		
3	B18476	sample	5/7/25	10:46 AM	5/21/25	10:48 AM	JB / JB		
2	B18877	sample	5/7/25	10:52 AM	5/21/25	10:54 AM	JB / JB		
1	B19904	sample	5/7/25	10:55 AM	5/21/25	10:58 AM	JB / JB		
1	C01373	blank	5/7/25	10:55 AM	5/21/25	10:58 AM	JB / JB		
13	B52891	sample	5/7/25	11:00 AM	5/21/25	11:04 AM	JB / JB		

Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): Jennifer Bowidowicz		Relinquished Date: 5/21/2025		Relinquished Time:	
Received By (printed): Regan Allen		Received By (signature): [Signature]		Receipt Date: 5-22-2025		Receipt Time: 12:05	
Sample Condition Upon Receipt: Good		Compound List: BTEX		Custody Seal intact? Y/N: yes		Delivery tracking #	
Ice Temp:	Blank Temp: 17.6			Add Custody Seal # below: 241403741			
Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you							
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com							



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

Page # 2 of # 2

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line				PO#:		
Site Address:			Project Number:				Sample Event #:		
City:			Project Manager: Tom Rolfson				Sorbent:		
State:			Email Address: tom.rolfson@powererg.com						
Zip:			Telephone #:						
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
12	C39288	sample	5/7/25	11:07 AM	5/21/25	11:11 AM	JB / JB		
11	B49400	sample	5/7/25	11:12 AM	5/21/25	11:16 AM	JB / JB		
10	C33490	sample	5/7/25	11:16 AM	5/21/25	11:21 AM	JB / JB		
9	C38579	sample	5/7/25	11:20 AM	5/21/25	11:25 AM	JB / JB		
8	C31341	sample	5/7/25	11:25 AM	5/21/25	11:31 AM	JB / JB		
8	B15755	duplicate	5/7/25	11:25 AM	5/21/25	11:31 AM	JB / JB		
7	C57467	sample	5/7/25	11:31 AM	5/21/25	11:36 AM	JB / JB		
Relinquished By (printed): Jen Bowidowicz			Relinquished By (signature): <i>Jennifer Bowidowicz</i>			Relinquished Date: 5/21/2025		Relinquished Time:	
Recieved By (printed): <i>Reagan Allen</i>			Recieved By (signature): <i>[Signature]</i>			Receipt Date: 5-22-2025		Receipt Time: 12:05	
Sample Condition Upon Receipt: Good			Compound List: BTEX			Custody Seal intact? Y/N: yes		Delivery tracking #	
Ice Temp:	Blank Temp: 17.6	Fluke 4				Add Custody Seal # below: 24H03741			
Comments:									

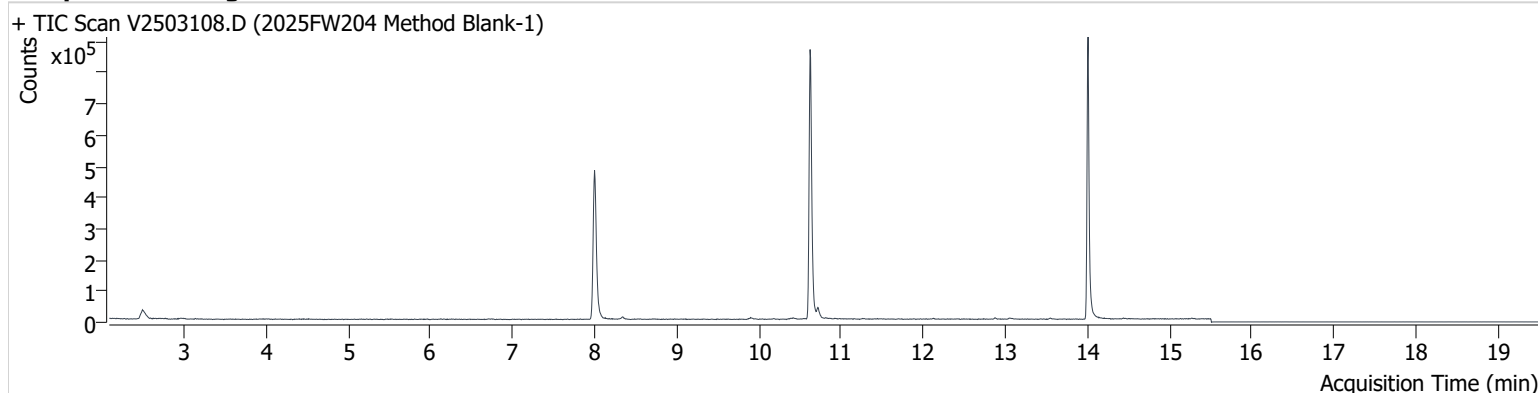
Please pull the ambient temp from the KPWM NOAA station. Thank you

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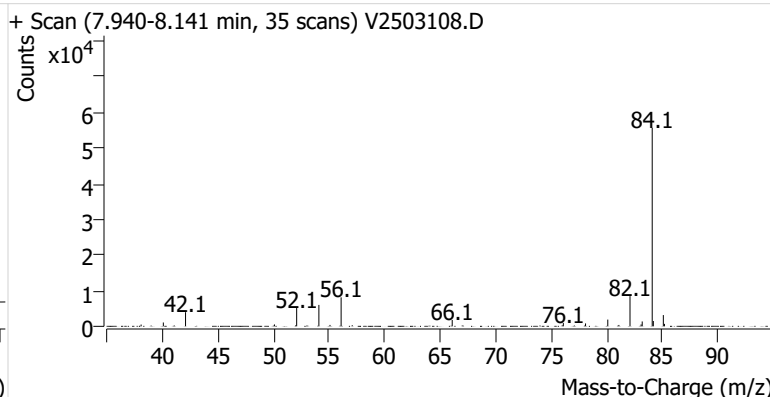
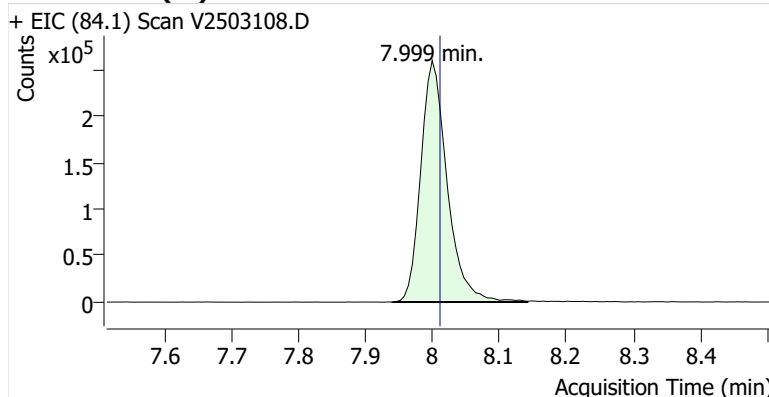
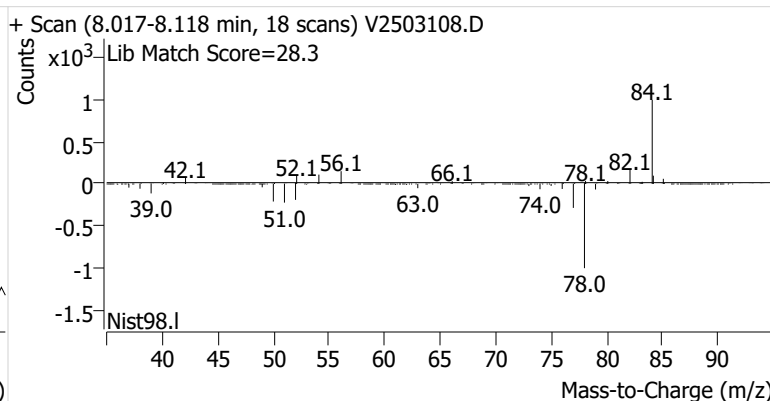
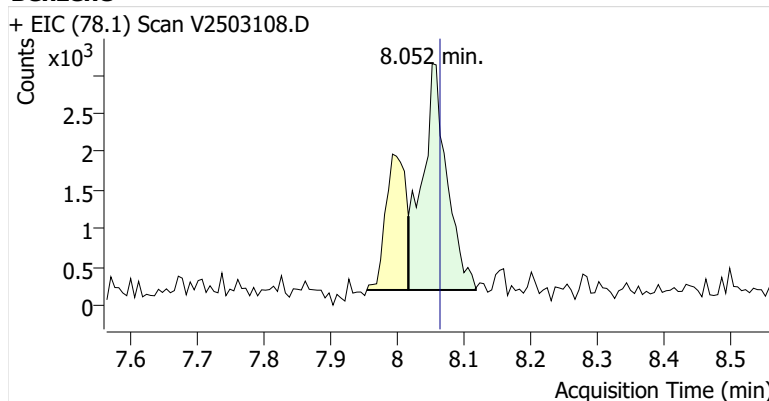
Sample Chromatograms



Name 2025FW204 Method Blank-1
Comment C20479
Data File V2503108.D
Acq. Date-Time 5/24/2025 3:27:08 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

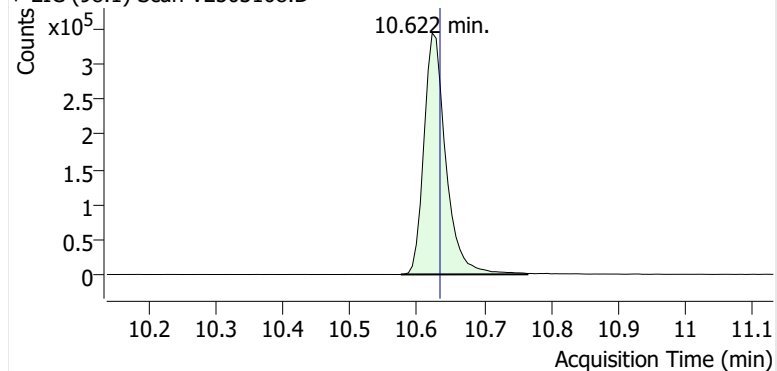
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	711,818	
Benzene	Benzene-d6 (IS)	8.052	8.064	7,693	
Toluene-d8 (IS)		10.622	10.634	784,072	
Toluene	Toluene-d8 (IS)	10.717	10.723	25,961	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	2,947	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	3,683	
o-Xylene	Toluene-d8 (IS)	13.549	13.548	2,241	

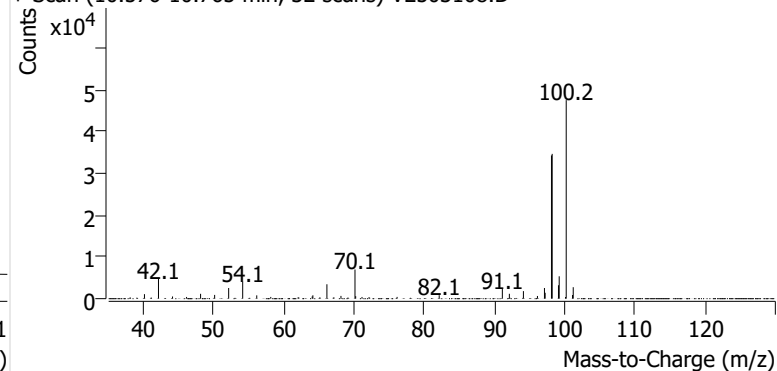
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

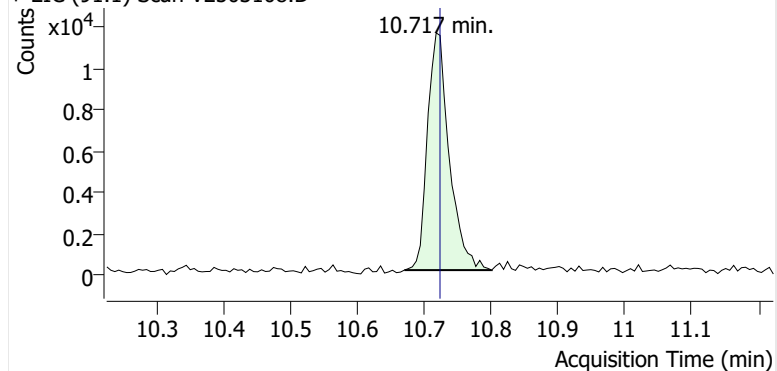
+ EIC (98.1) Scan V2503108.D



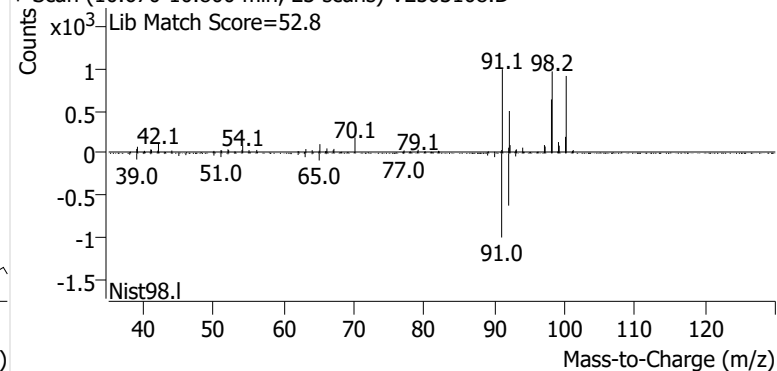
+ Scan (10.576-10.765 min, 32 scans) V2503108.D

**Toluene**

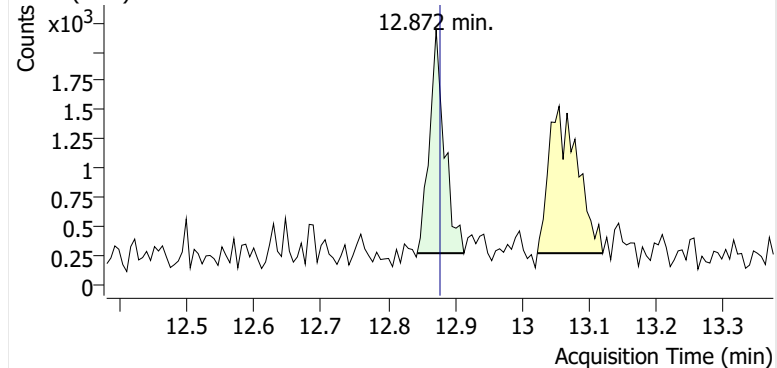
+ EIC (91.1) Scan V2503108.D



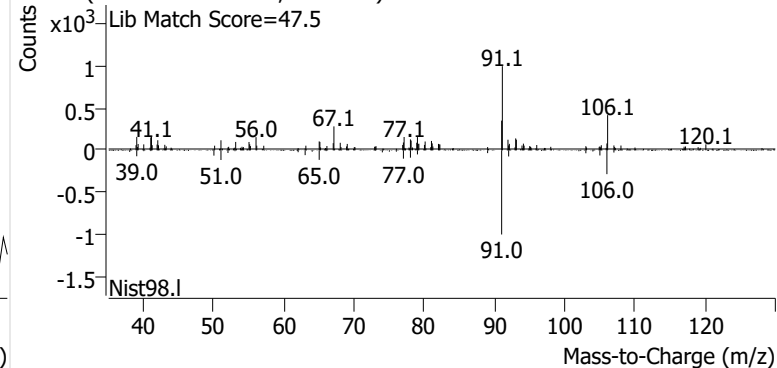
+ Scan (10.670-10.800 min, 23 scans) V2503108.D

**Ethylbenzene**

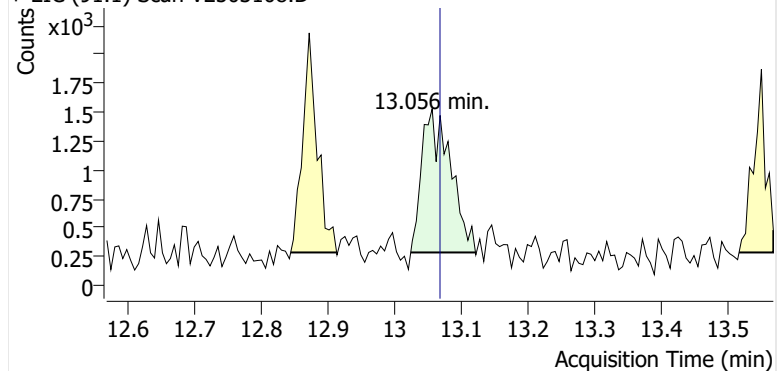
+ EIC (91.1) Scan V2503108.D



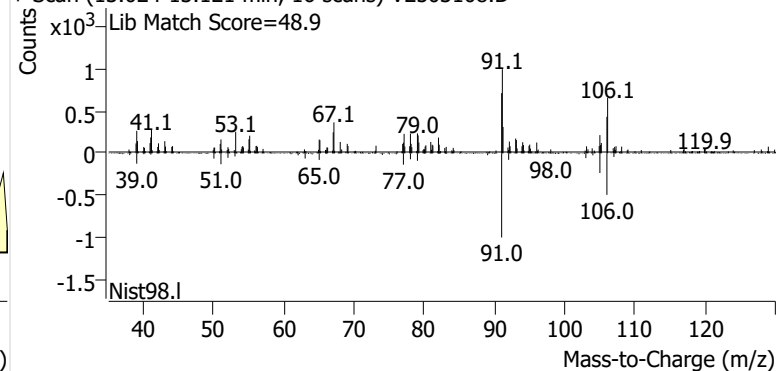
+ Scan (12.843-12.913 min, 11 scans) V2503108.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503108.D

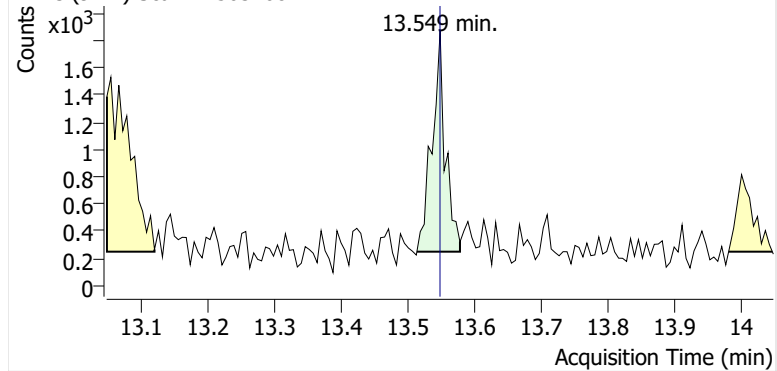


+ Scan (13.024-13.121 min, 16 scans) V2503108.D

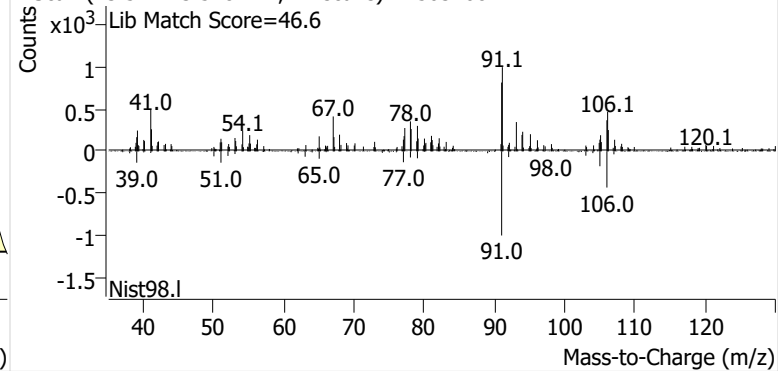


o-Xylene

+ EIC (91.1) Scan V2503108.D

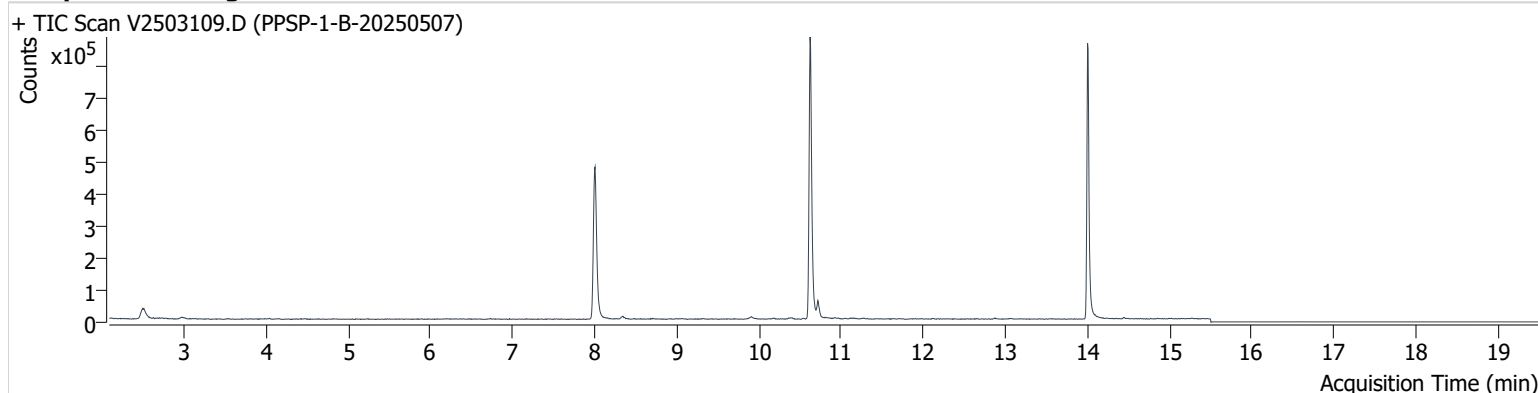


+ Scan (13.514-13.578 min, 11 scans) V2503108.D



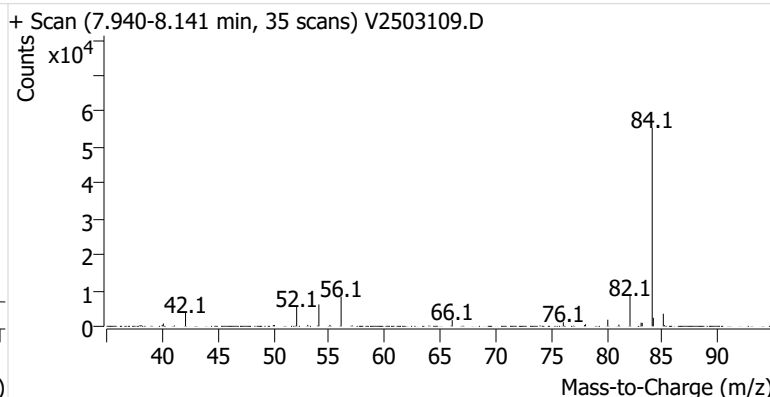
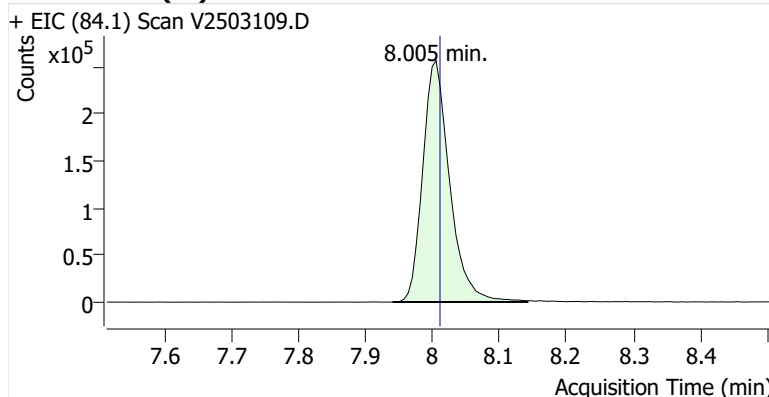
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Comment C01373
Data File V2503109.D
Acq. Date-Time 5/24/2025 4:08:20 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

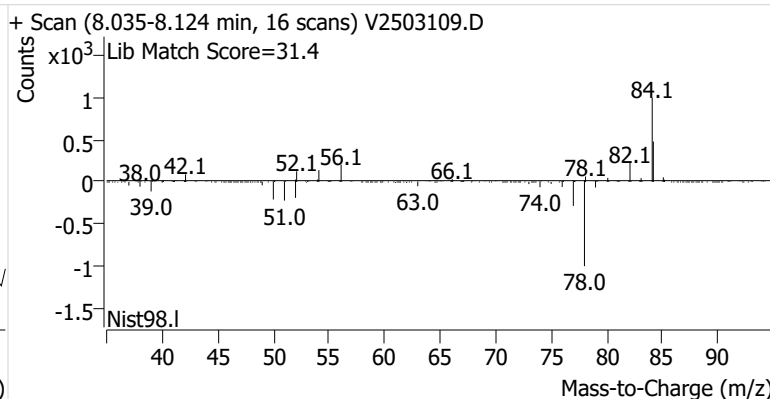
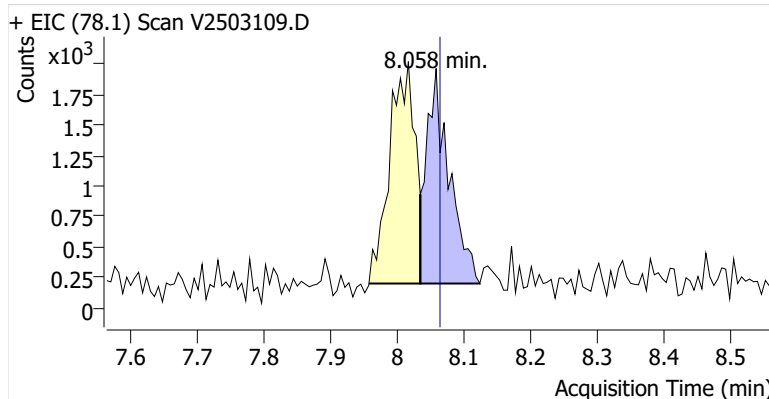


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	718,902	
Benzene	Benzene-d6 (IS)	8.058	8.064	4,177	
Toluene-d8 (IS)		10.622	10.634	788,242	
Toluene	Toluene-d8 (IS)	10.717	10.723	41,692	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	1,940	
m-/p-Xylenes	Toluene-d8 (IS)	13.056	13.068	1,468	
o-Xylene	Toluene-d8 (IS)	13.543	13.548	353	

Benzene-d6 (IS)

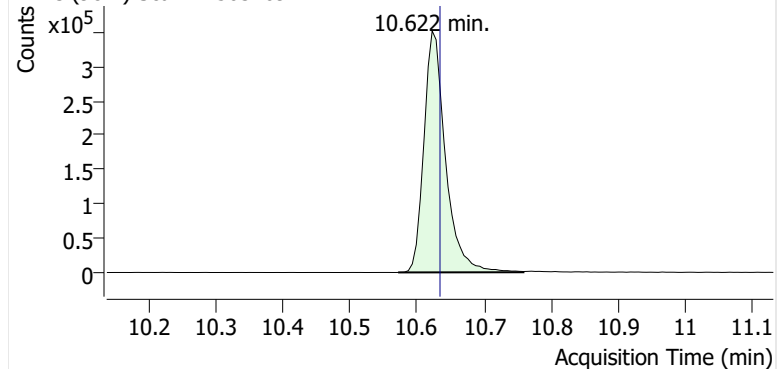


Benzene

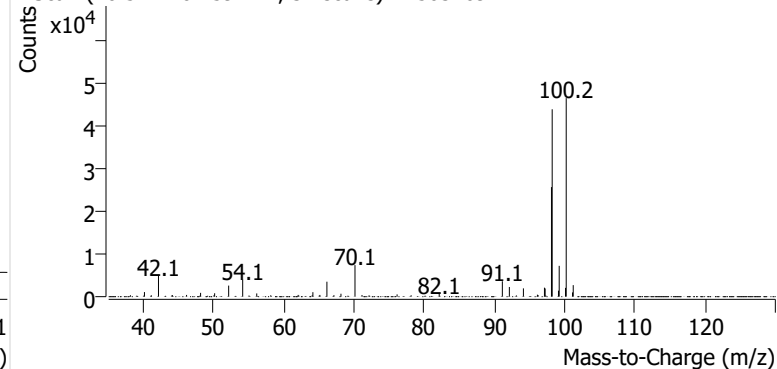


Toluene-d8 (IS)

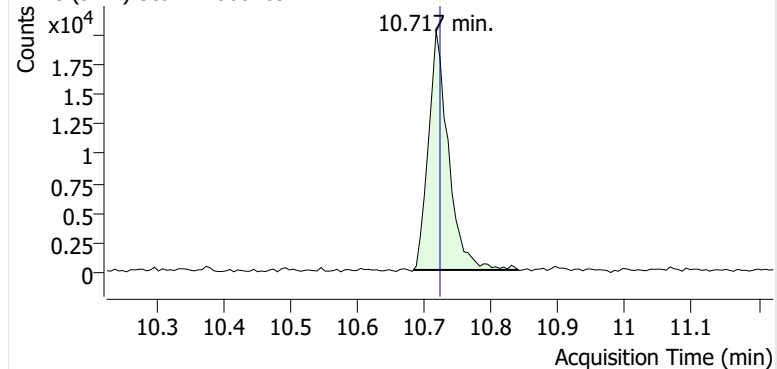
+ EIC (98.1) Scan V2503109.D



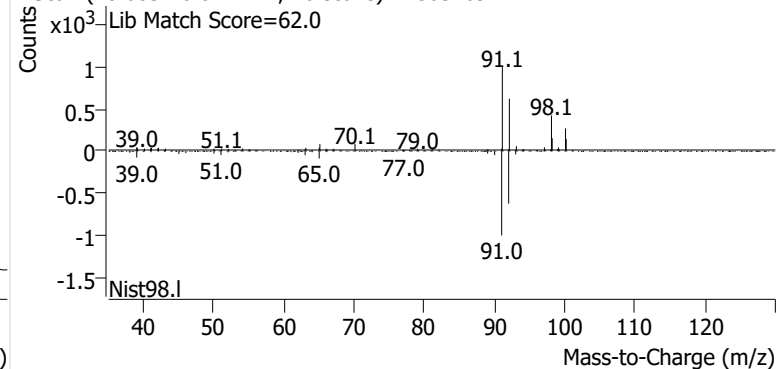
+ Scan (10.571-10.759 min, 32 scans) V2503109.D

**Toluene**

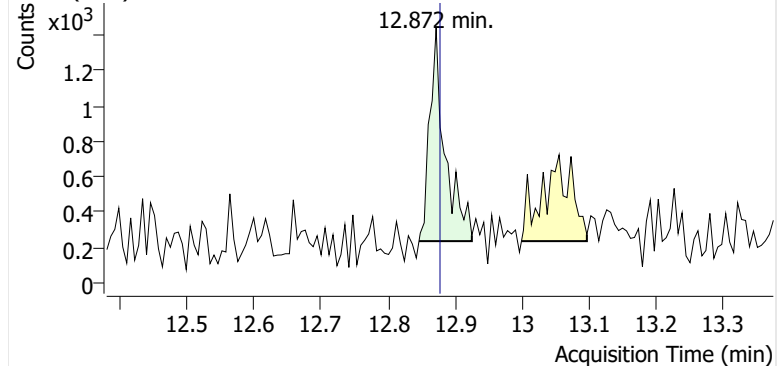
+ EIC (91.1) Scan V2503109.D



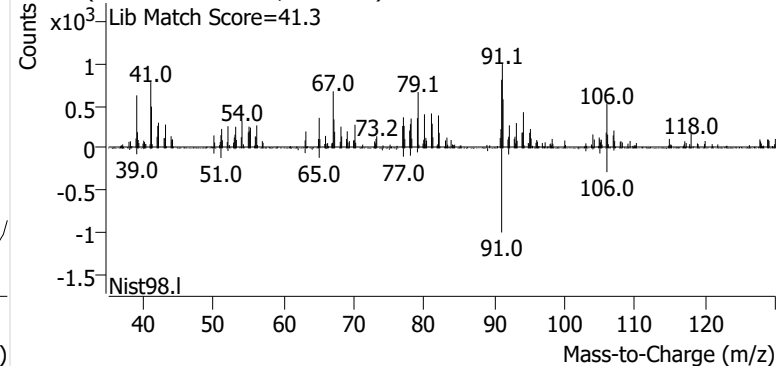
+ Scan (10.683-10.841 min, 26 scans) V2503109.D

**Ethylbenzene**

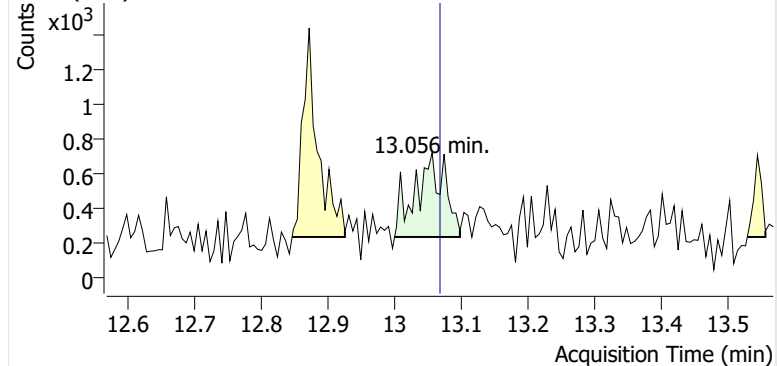
+ EIC (91.1) Scan V2503109.D



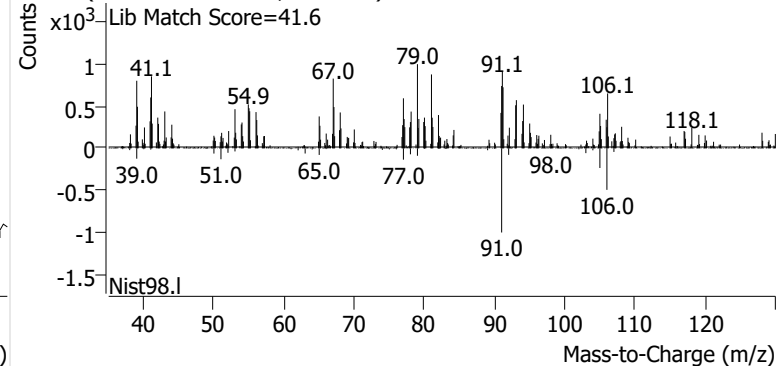
+ Scan (12.846-12.925 min, 14 scans) V2503109.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503109.D

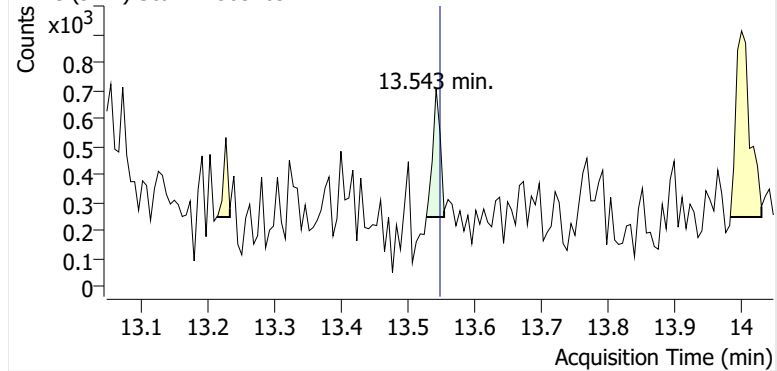


+ Scan (13.000-13.097 min, 17 scans) V2503109.D

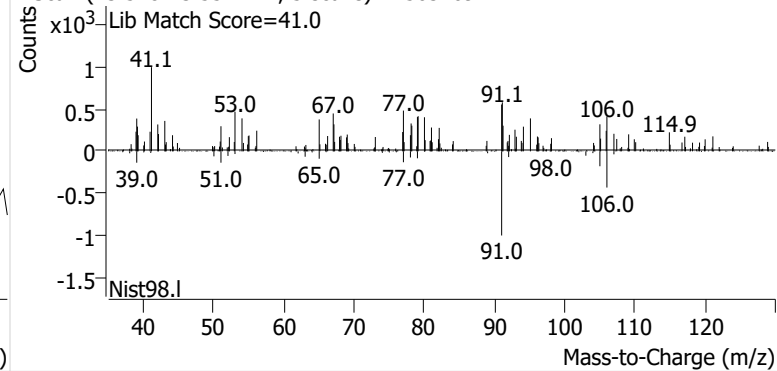


o-Xylene

+ EIC (91.1) Scan V2503109.D

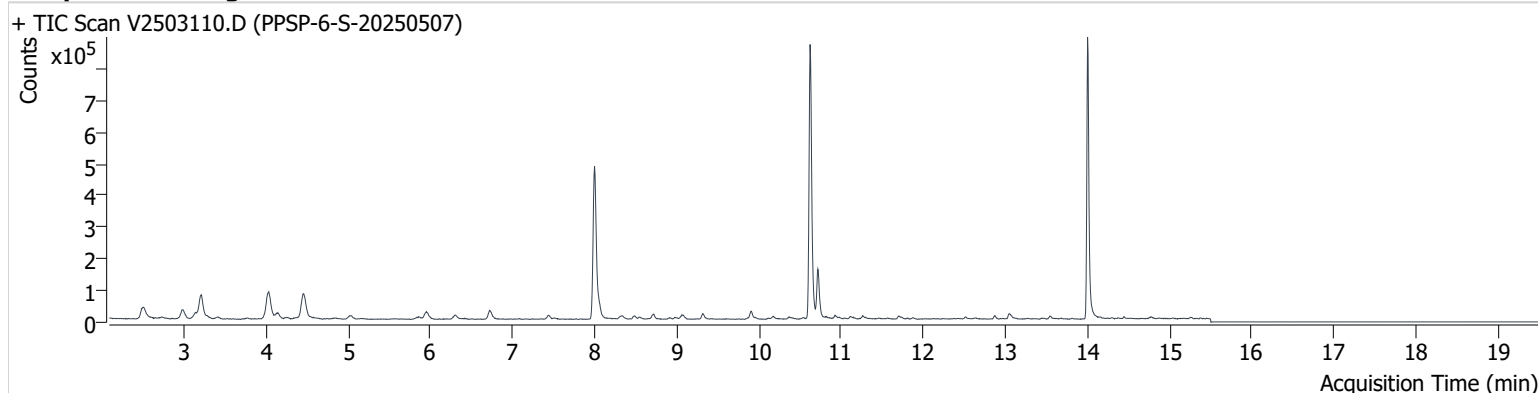


+ Scan (13.528-13.554 min, 5 scans) V2503109.D



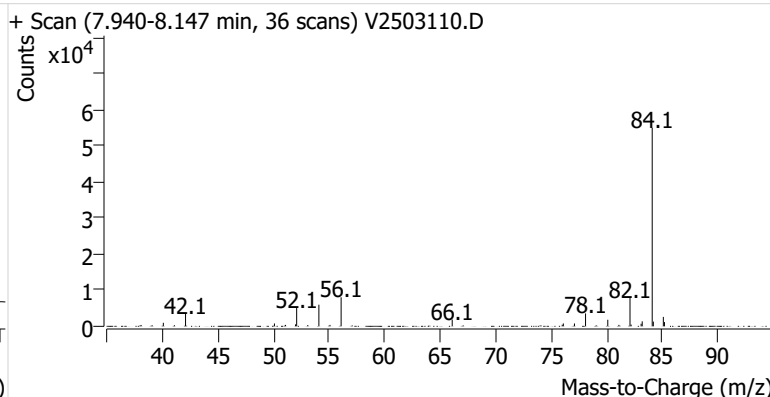
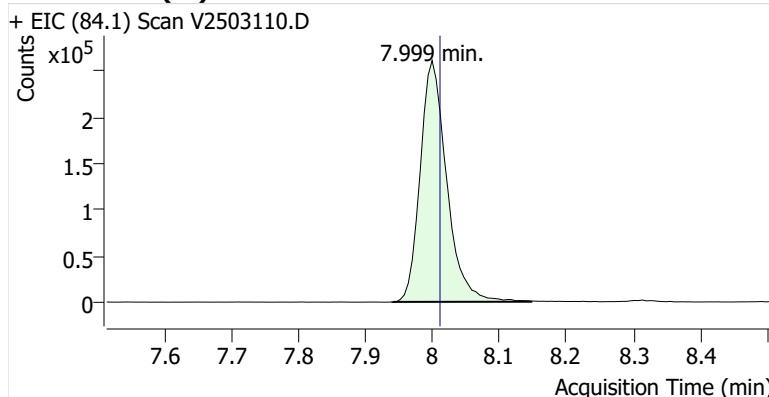
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Comment C01445
Data File V2503110.D
Acq. Date-Time 5/24/2025 4:49:31 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

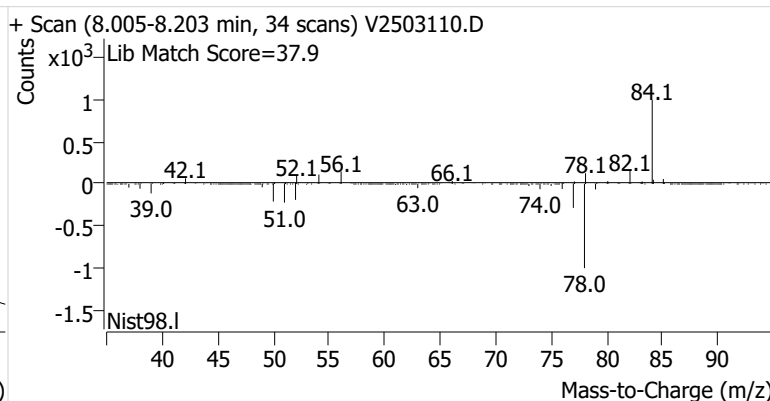
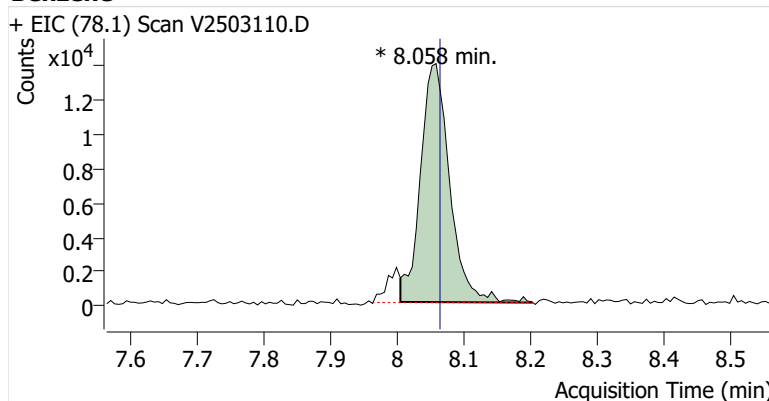


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	719,045	
Benzene	Benzene-d6 (IS)	8.058	8.064	42,439	m
Toluene-d8 (IS)		10.622	10.634	779,157	
Toluene	Toluene-d8 (IS)	10.717	10.723	146,697	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	8,285	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	17,762	
o-Xylene	Toluene-d8 (IS)	13.543	13.548	7,258	

Benzene-d6 (IS)

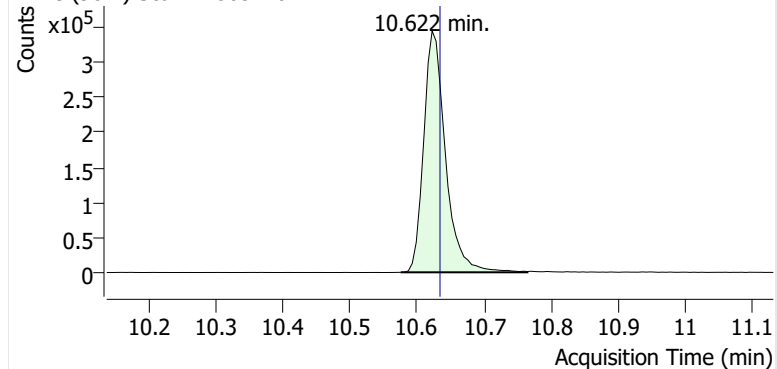


Benzene

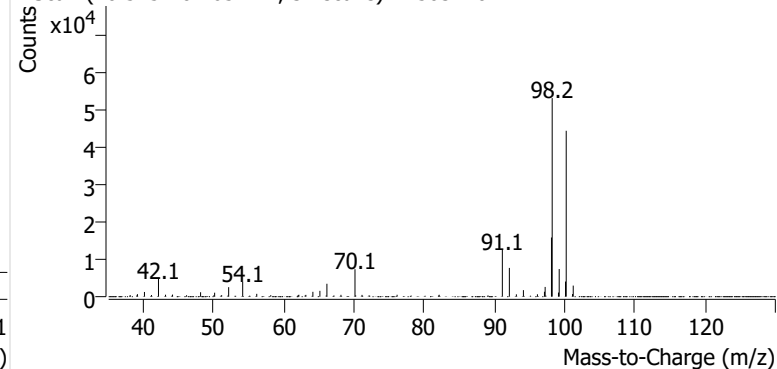


Toluene-d8 (IS)

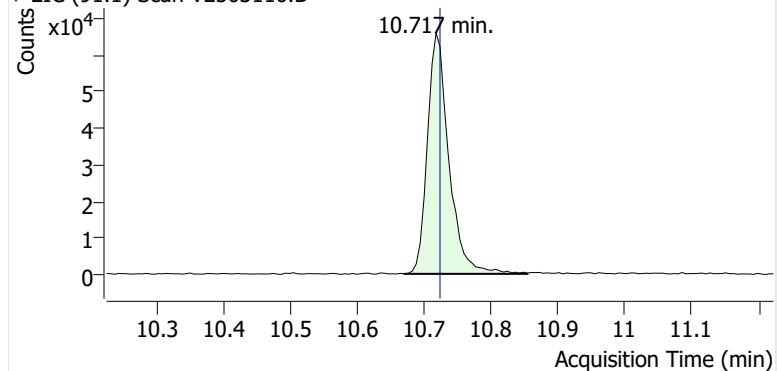
+ EIC (98.1) Scan V2503110.D



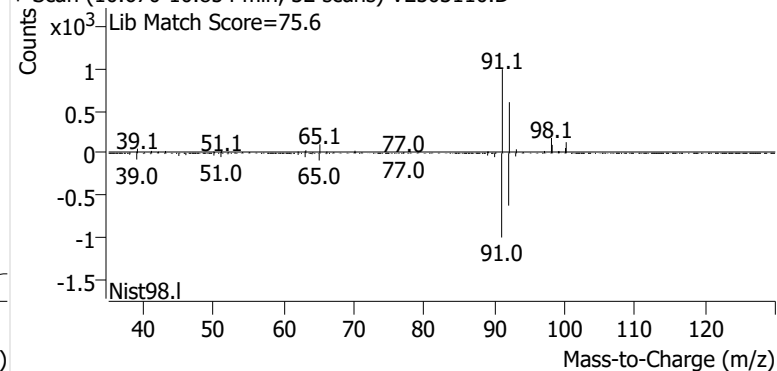
+ Scan (10.575-10.765 min, 32 scans) V2503110.D

**Toluene**

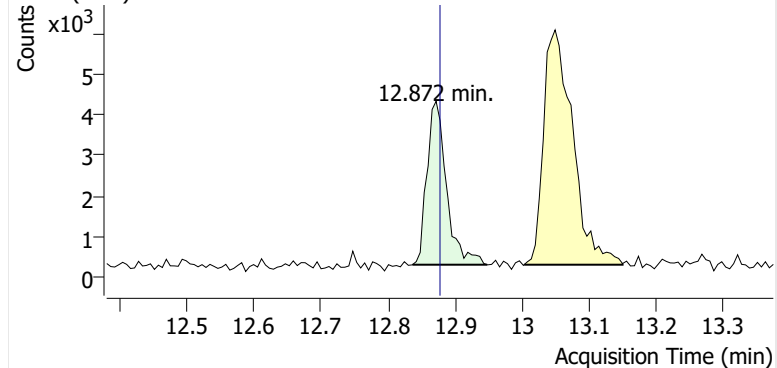
+ EIC (91.1) Scan V2503110.D



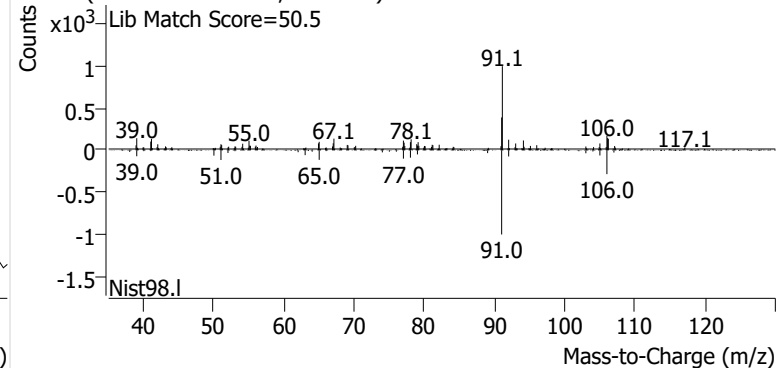
+ Scan (10.670-10.854 min, 32 scans) V2503110.D

**Ethylbenzene**

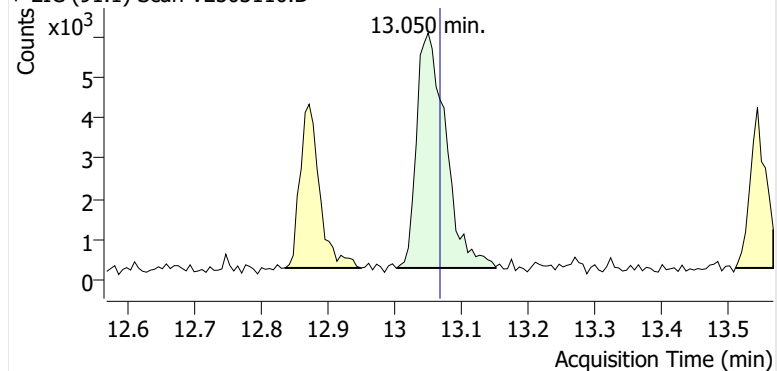
+ EIC (91.1) Scan V2503110.D



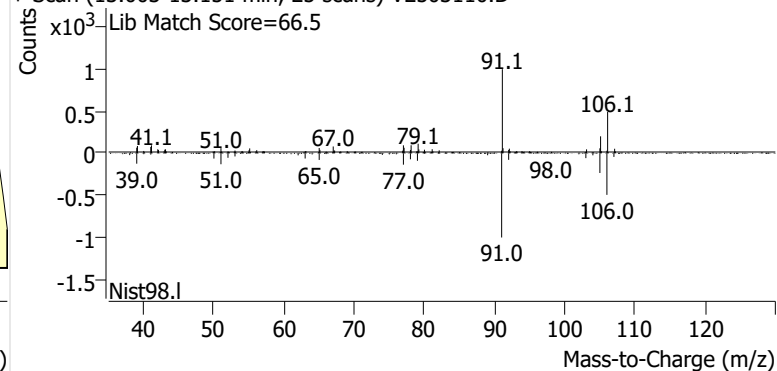
+ Scan (12.837-12.948 min, 18 scans) V2503110.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503110.D

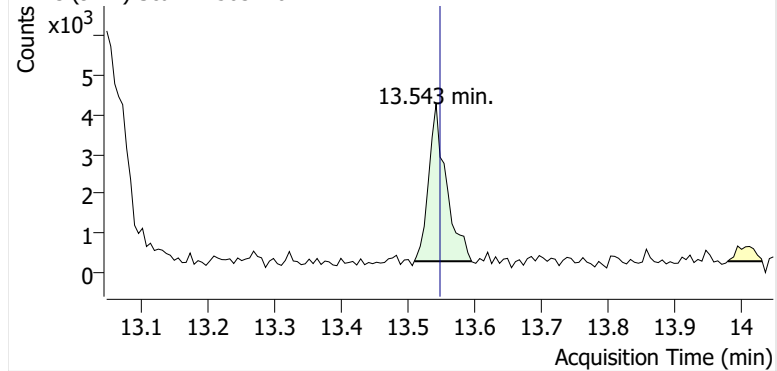


+ Scan (13.003-13.151 min, 25 scans) V2503110.D

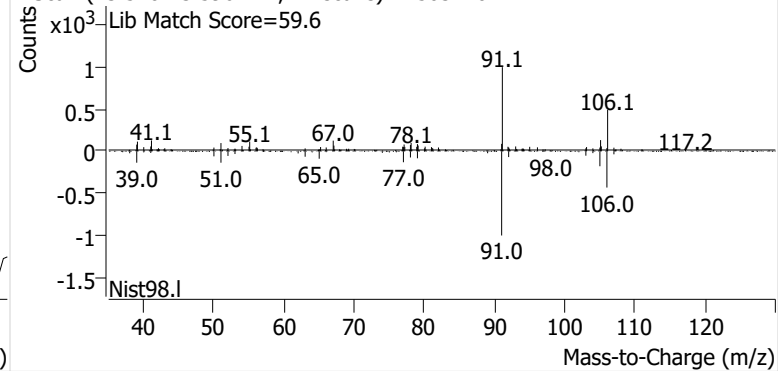


o-Xylene

+ EIC (91.1) Scan V2503110.D

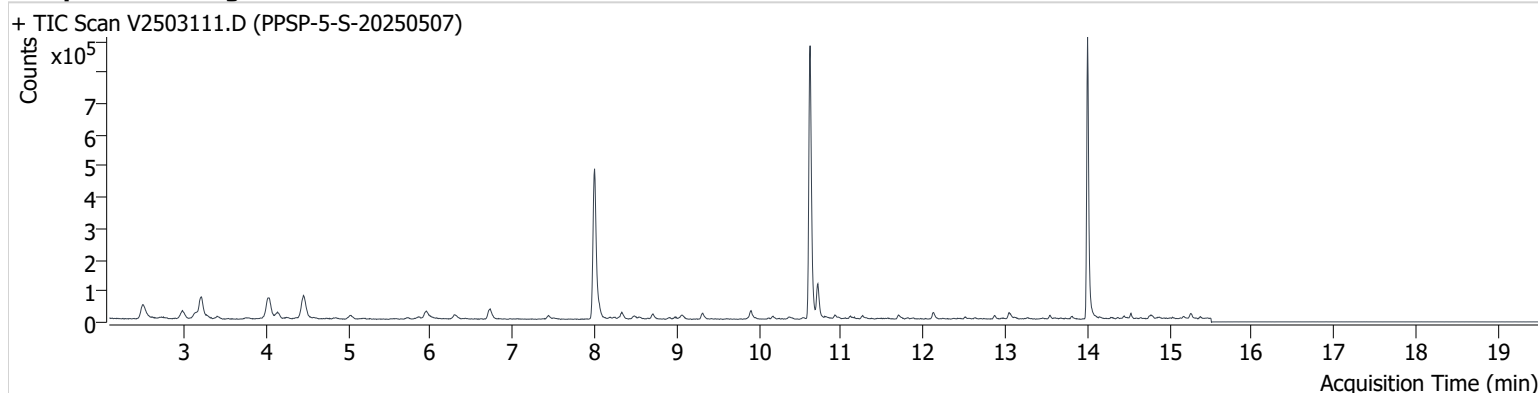


+ Scan (13.510-13.596 min, 14 scans) V2503110.D



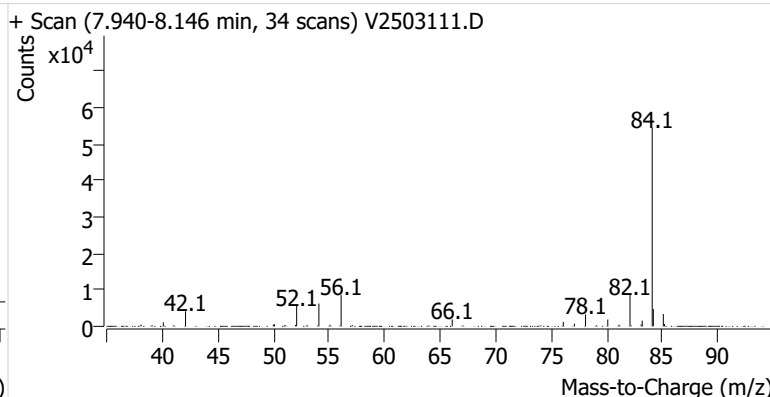
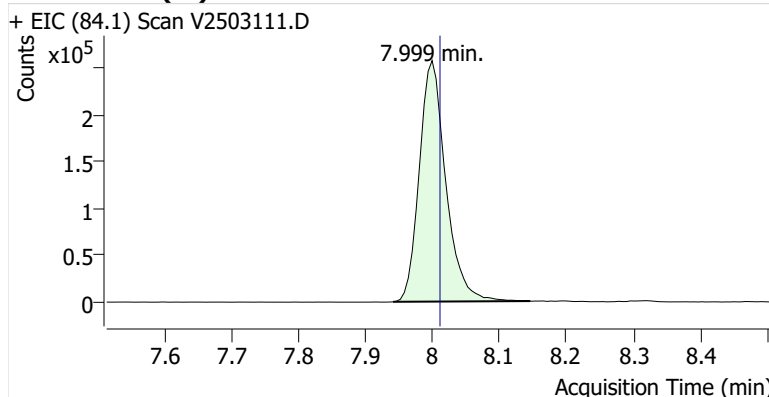
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Comment C43629
Data File V2503111.D
Acq. Date-Time 5/24/2025 5:30:43 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

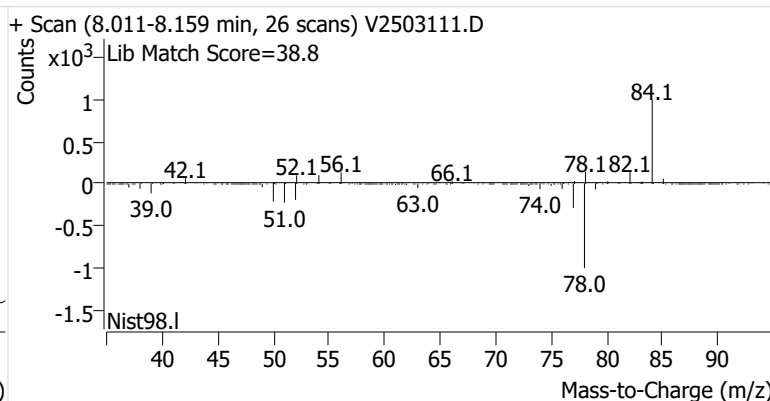
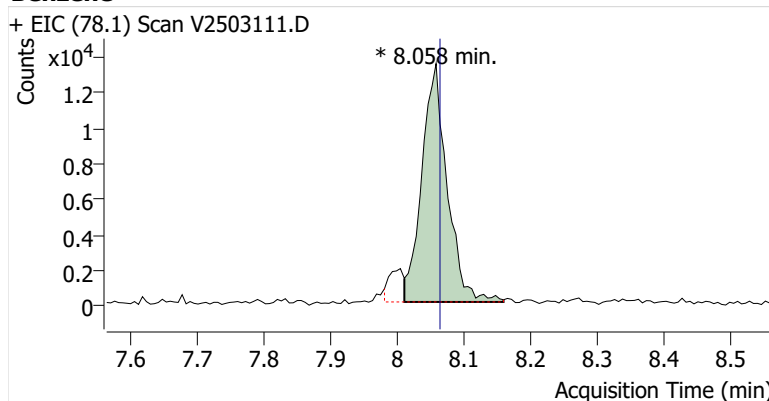


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	706,998	
Benzene	Benzene-d6 (IS)	8.058	8.064	35,435	m
Toluene-d8 (IS)		10.622	10.634	784,655	
Toluene	Toluene-d8 (IS)	10.717	10.723	101,292	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	8,593	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	20,215	
o-Xylene	Toluene-d8 (IS)	13.542	13.548	7,834	

Benzene-d6 (IS)

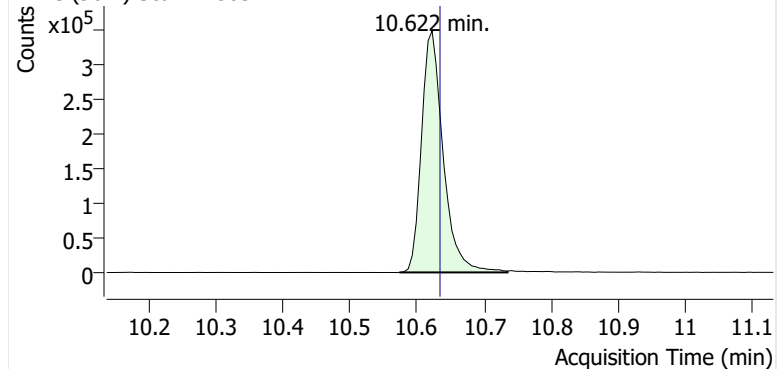


Benzene

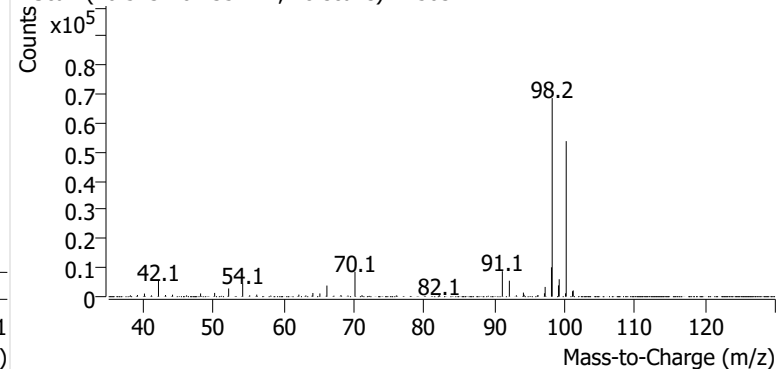


Toluene-d8 (IS)

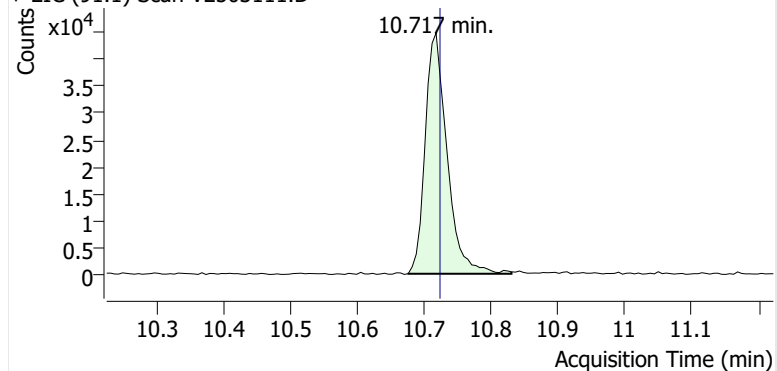
+ EIC (98.1) Scan V2503111.D



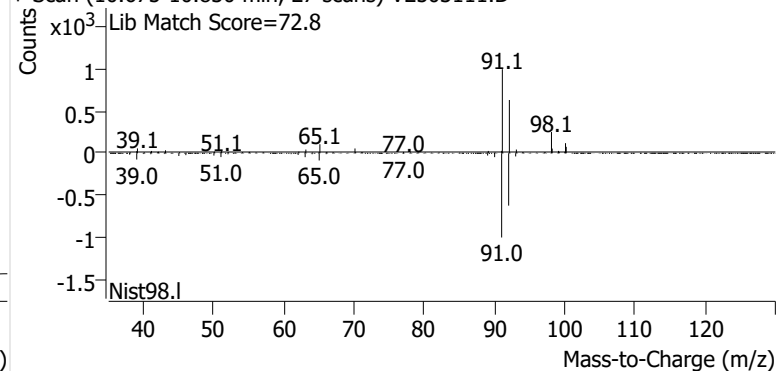
+ Scan (10.573-10.735 min, 28 scans) V2503111.D

**Toluene**

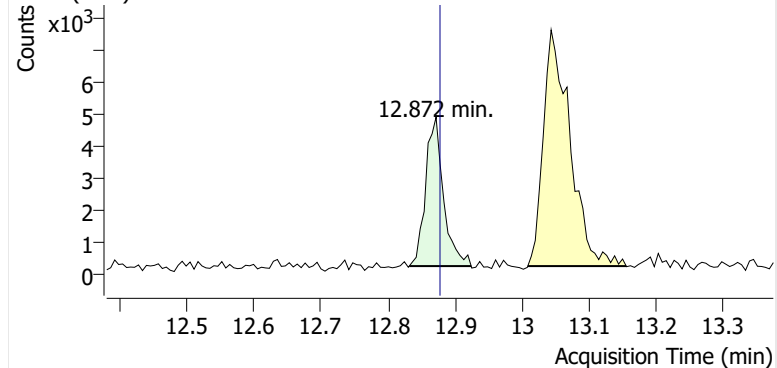
+ EIC (91.1) Scan V2503111.D



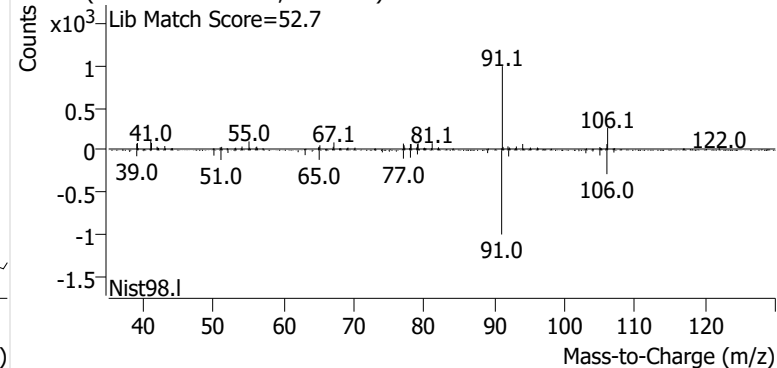
+ Scan (10.675-10.830 min, 27 scans) V2503111.D

**Ethylbenzene**

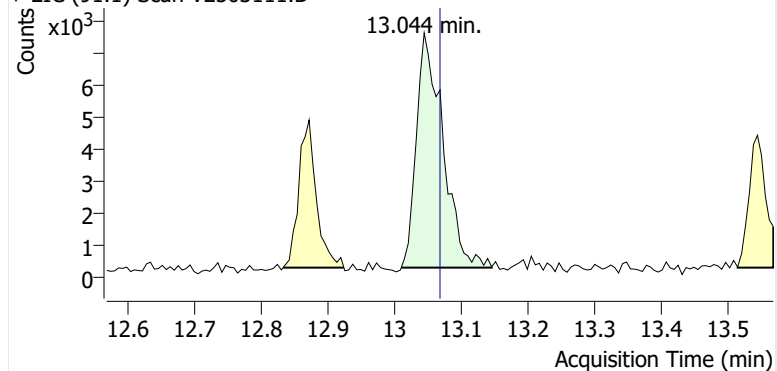
+ EIC (91.1) Scan V2503111.D



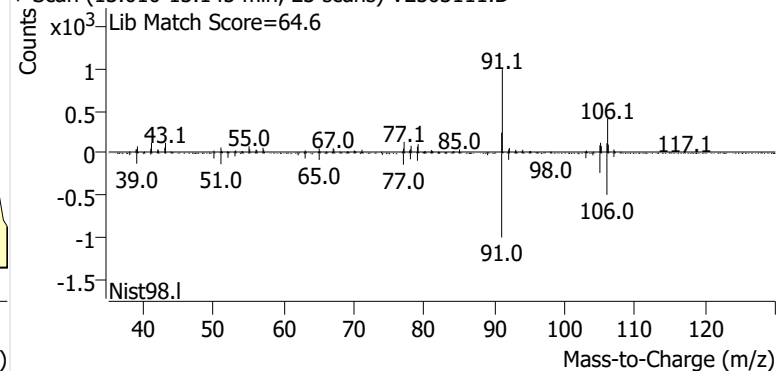
+ Scan (12.832-12.924 min, 15 scans) V2503111.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503111.D

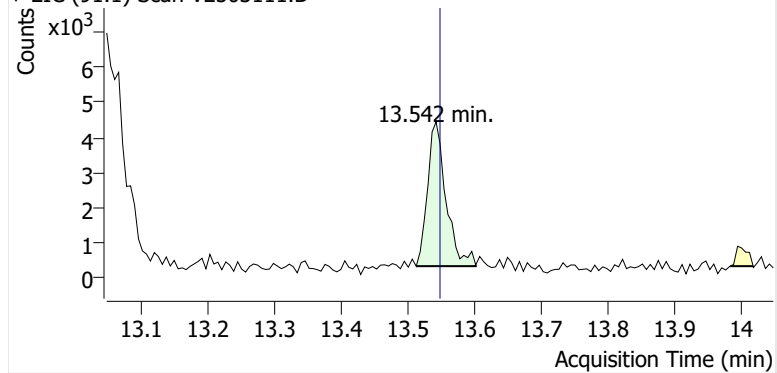


+ Scan (13.010-13.145 min, 23 scans) V2503111.D

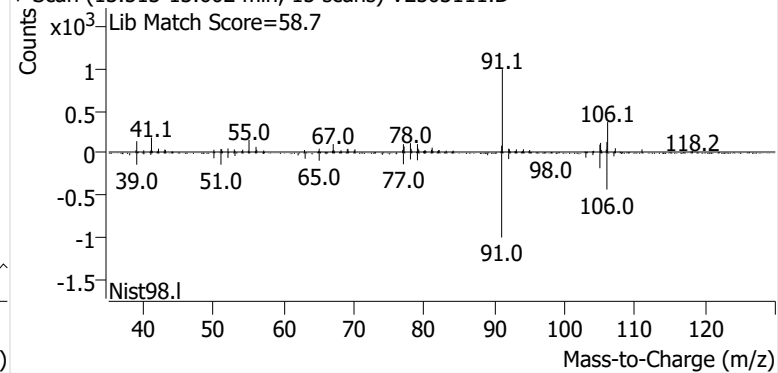


o-Xylene

+ EIC (91.1) Scan V2503111.D

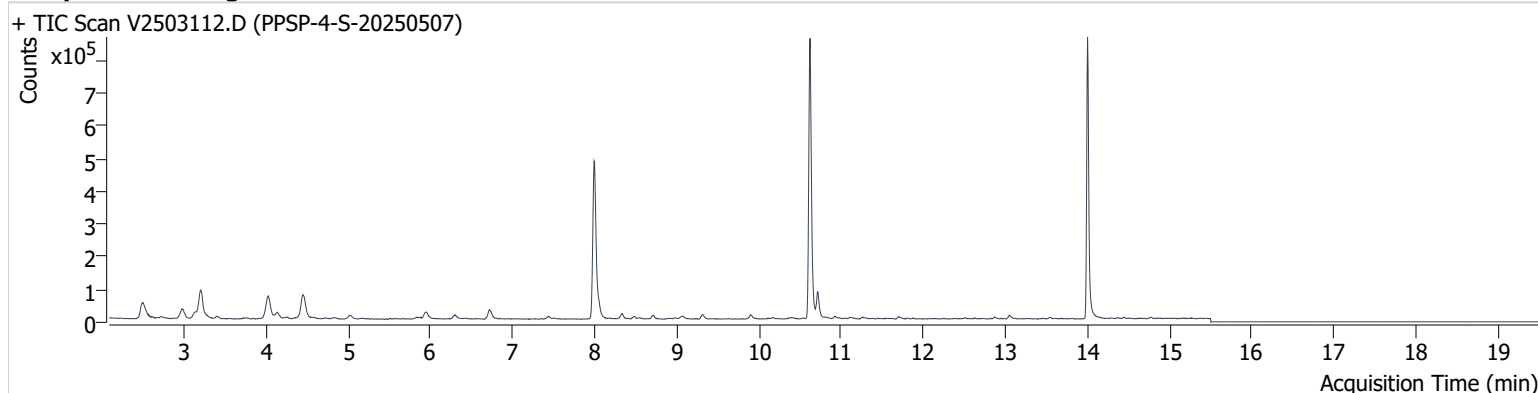


+ Scan (13.513-13.602 min, 15 scans) V2503111.D



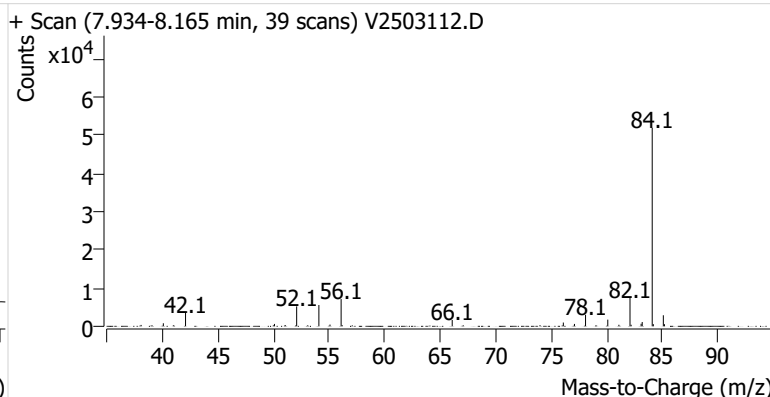
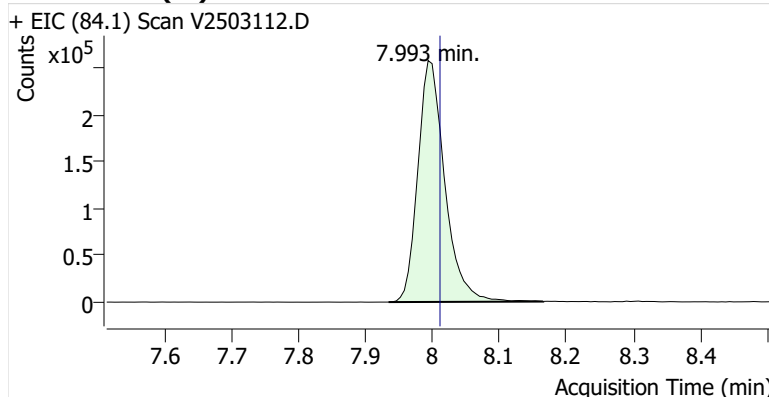
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Comment C39037
Data File V2503112.D
Acq. Date-Time 5/24/2025 6:11:53 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

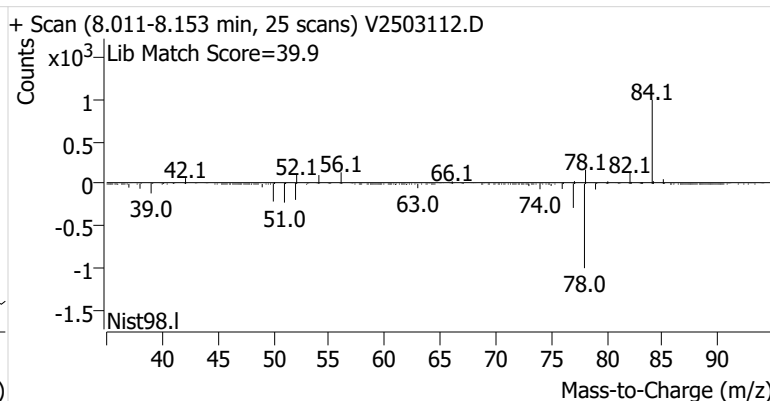
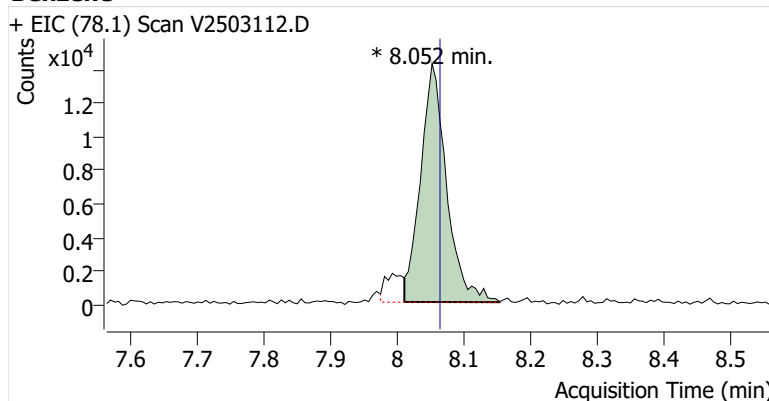


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	724,351	
Benzene	Benzene-d6 (IS)	8.052	8.064	38,400	m
Toluene-d8 (IS)		10.622	10.634	776,236	
Toluene	Toluene-d8 (IS)	10.711	10.723	72,408	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	4,781	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	9,569	
o-Xylene	Toluene-d8 (IS)	13.537	13.548	3,560	

Benzene-d6 (IS)

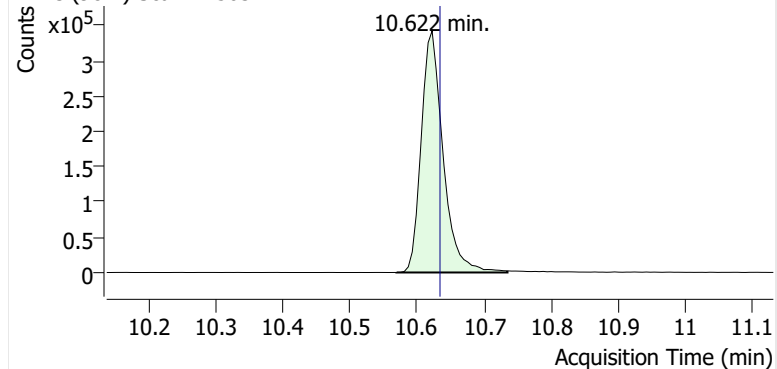


Benzene

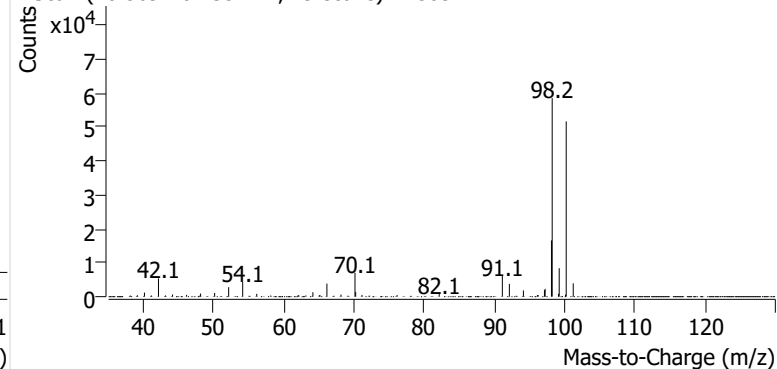


Toluene-d8 (IS)

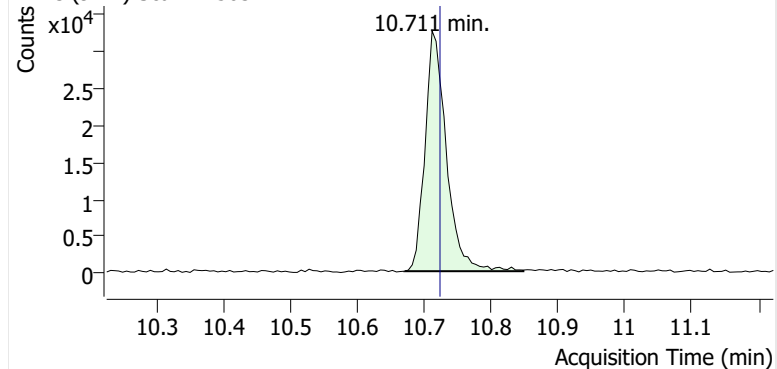
+ EIC (98.1) Scan V2503112.D



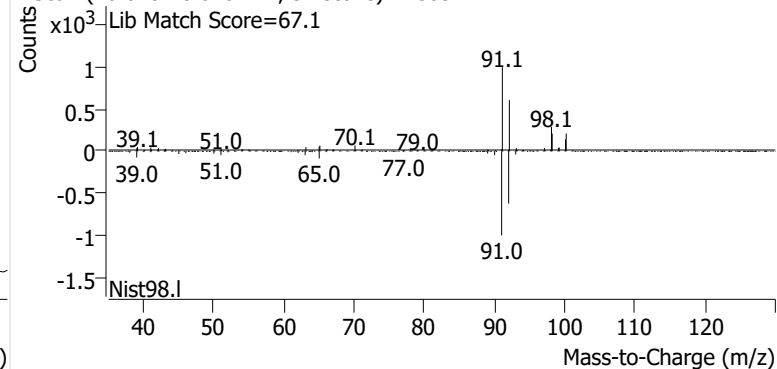
+ Scan (10.569-10.735 min, 29 scans) V2503112.D

**Toluene**

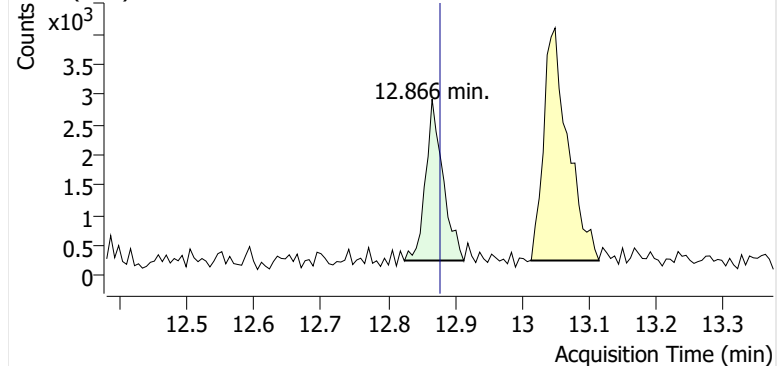
+ EIC (91.1) Scan V2503112.D



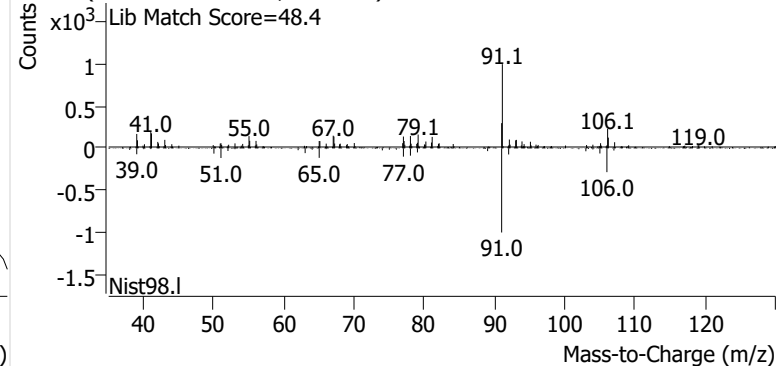
+ Scan (10.670-10.848 min, 31 scans) V2503112.D

**Ethylbenzene**

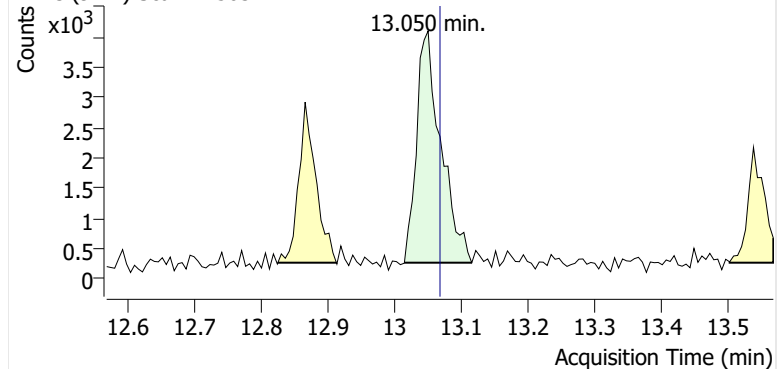
+ EIC (91.1) Scan V2503112.D



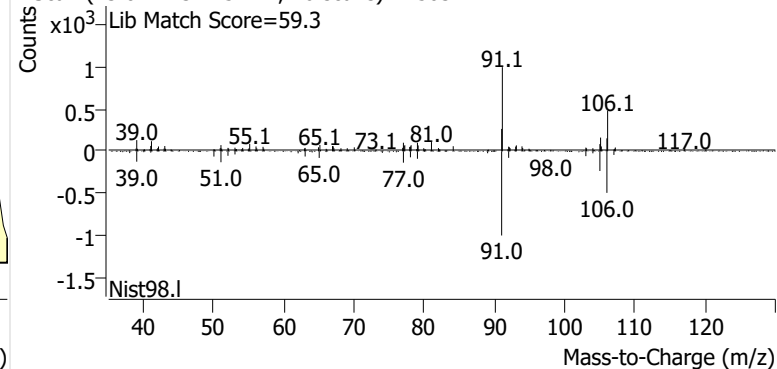
+ Scan (12.825-12.913 min, 14 scans) V2503112.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503112.D

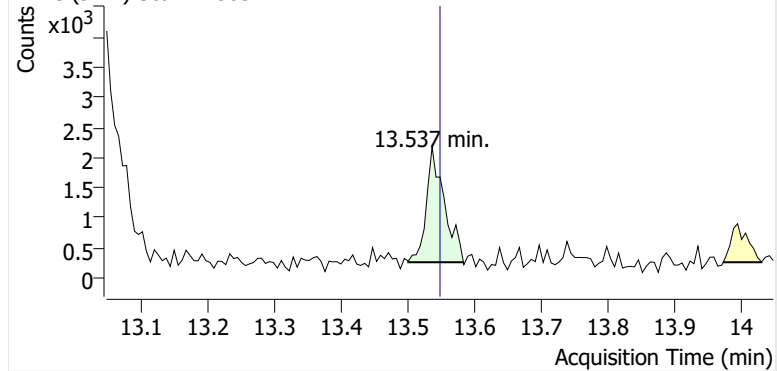


+ Scan (13.014-13.115 min, 16 scans) V2503112.D

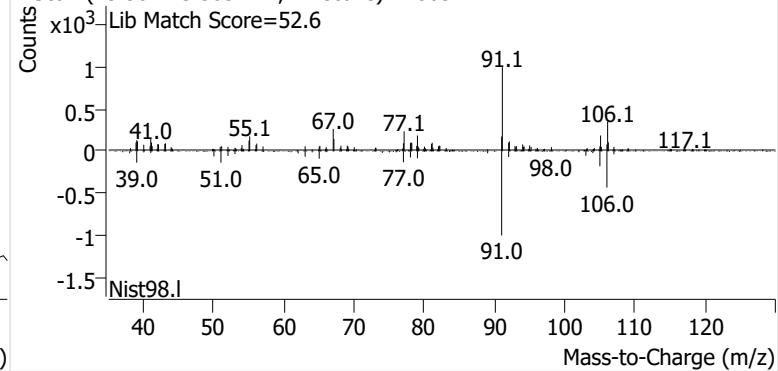


o-Xylene

+ EIC (91.1) Scan V2503112.D

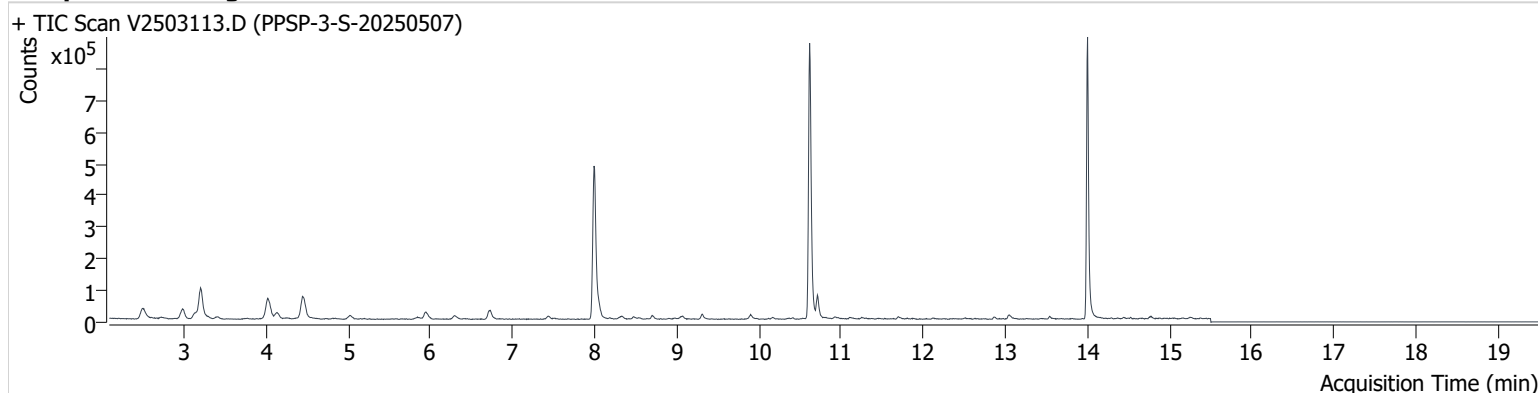


+ Scan (13.501-13.583 min, 14 scans) V2503112.D



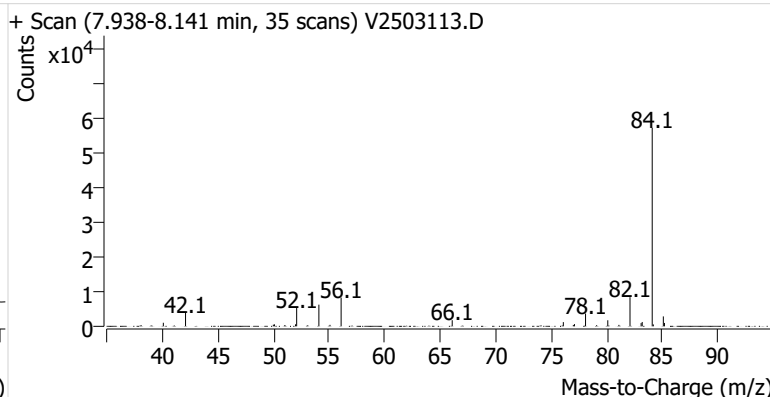
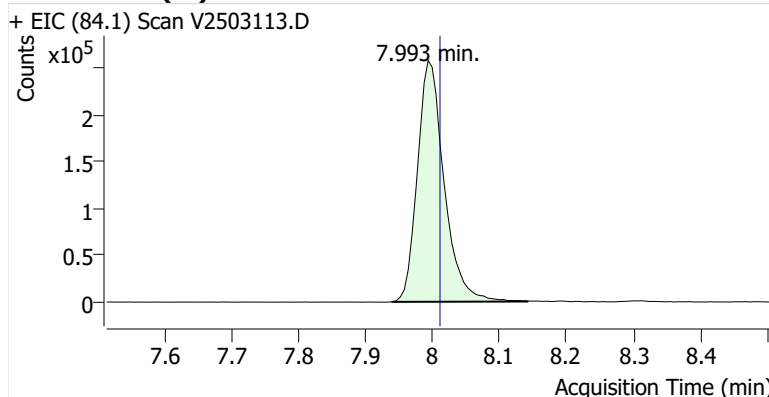
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Comment B18476
Data File V2503113.D
Acq. Date-Time 5/24/2025 6:53:06 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

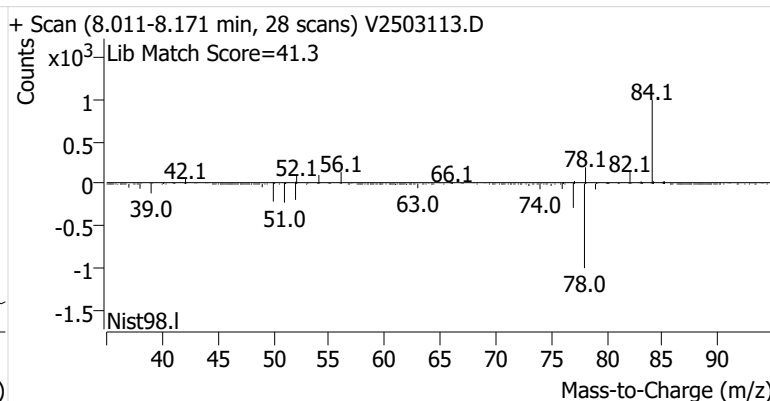
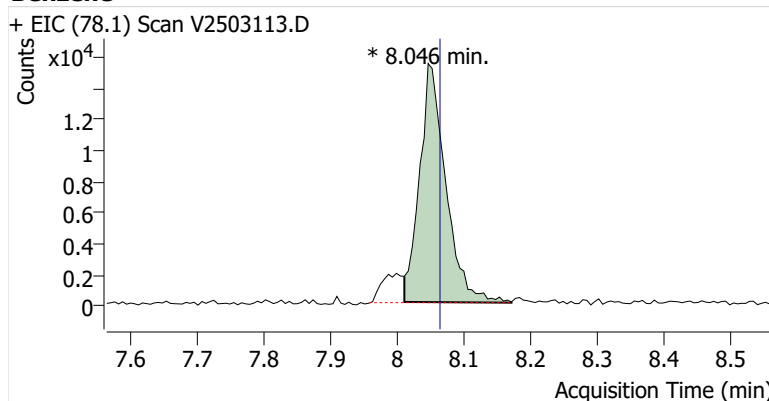


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	716,964	
Benzene	Benzene-d6 (IS)	8.046	8.064	41,909	m
Toluene-d8 (IS)		10.616	10.634	791,994	
Toluene	Toluene-d8 (IS)	10.711	10.723	61,211	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	5,681	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	13,946	
o-Xylene	Toluene-d8 (IS)	13.543	13.548	5,597	

Benzene-d6 (IS)

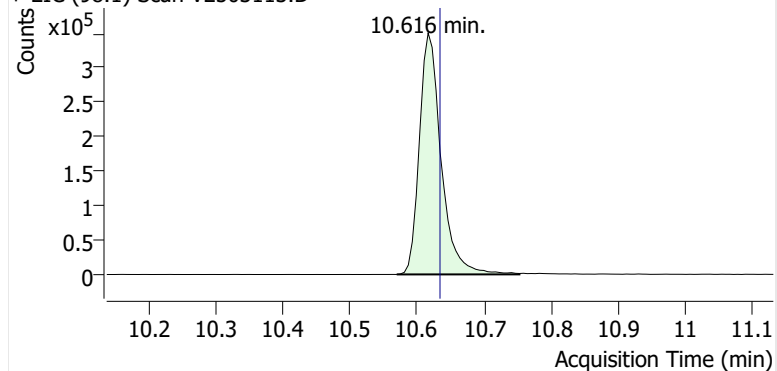


Benzene

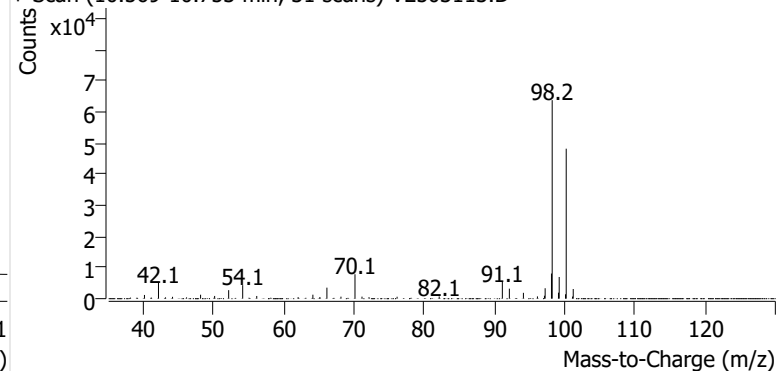


Toluene-d8 (IS)

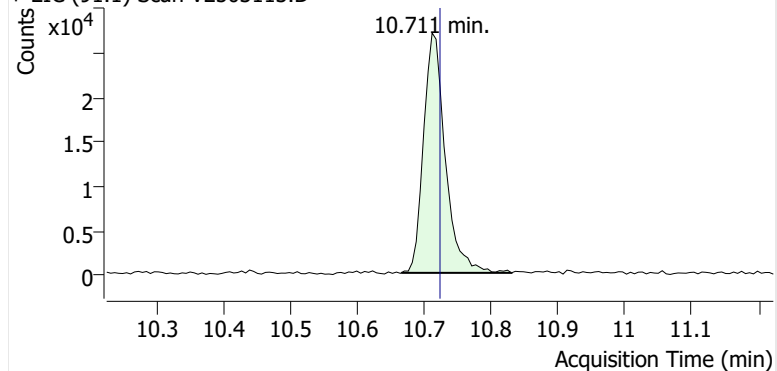
+ EIC (98.1) Scan V2503113.D



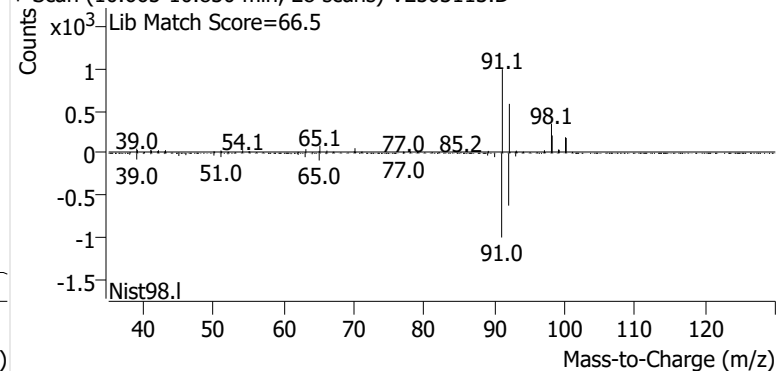
+ Scan (10.569-10.753 min, 31 scans) V2503113.D

**Toluene**

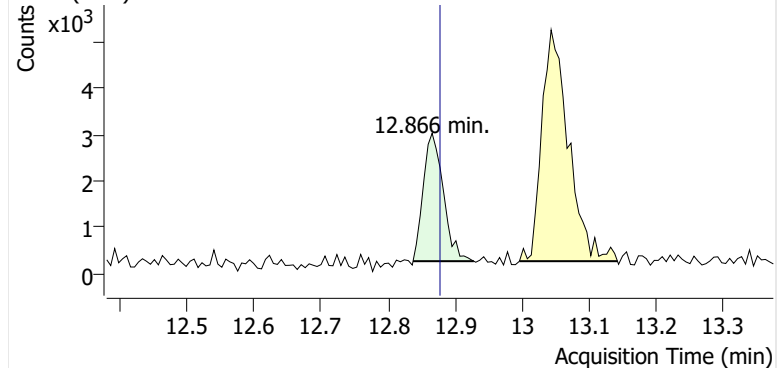
+ EIC (91.1) Scan V2503113.D



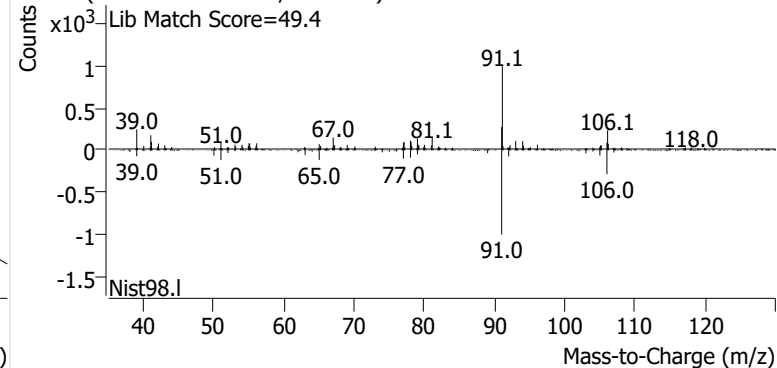
+ Scan (10.665-10.830 min, 28 scans) V2503113.D

**Ethylbenzene**

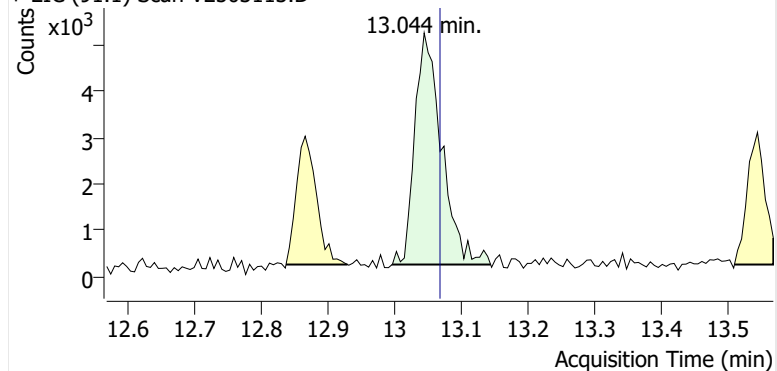
+ EIC (91.1) Scan V2503113.D



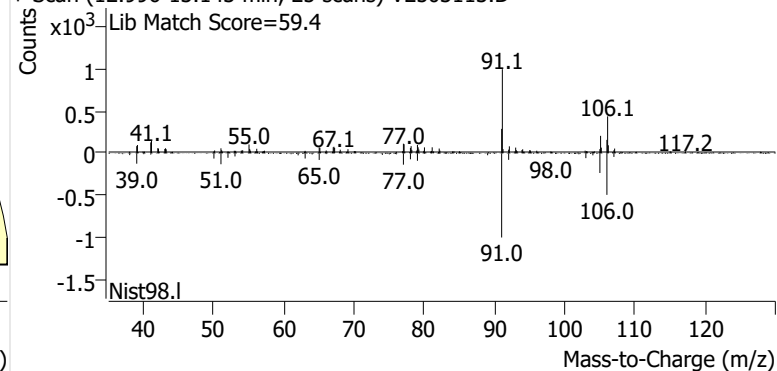
+ Scan (12.837-12.928 min, 15 scans) V2503113.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503113.D

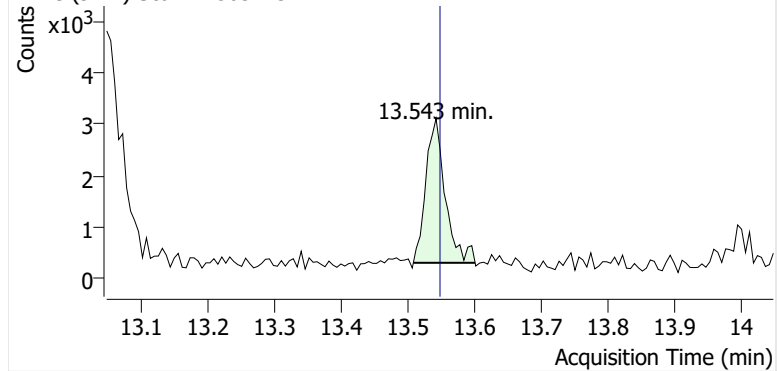


+ Scan (12.996-13.143 min, 25 scans) V2503113.D

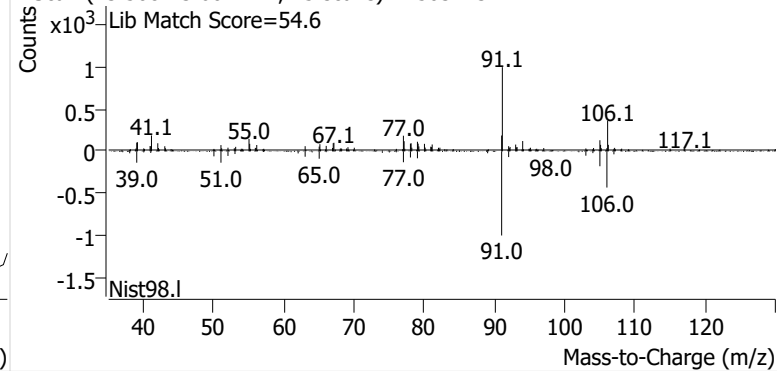


o-Xylene

+ EIC (91.1) Scan V2503113.D

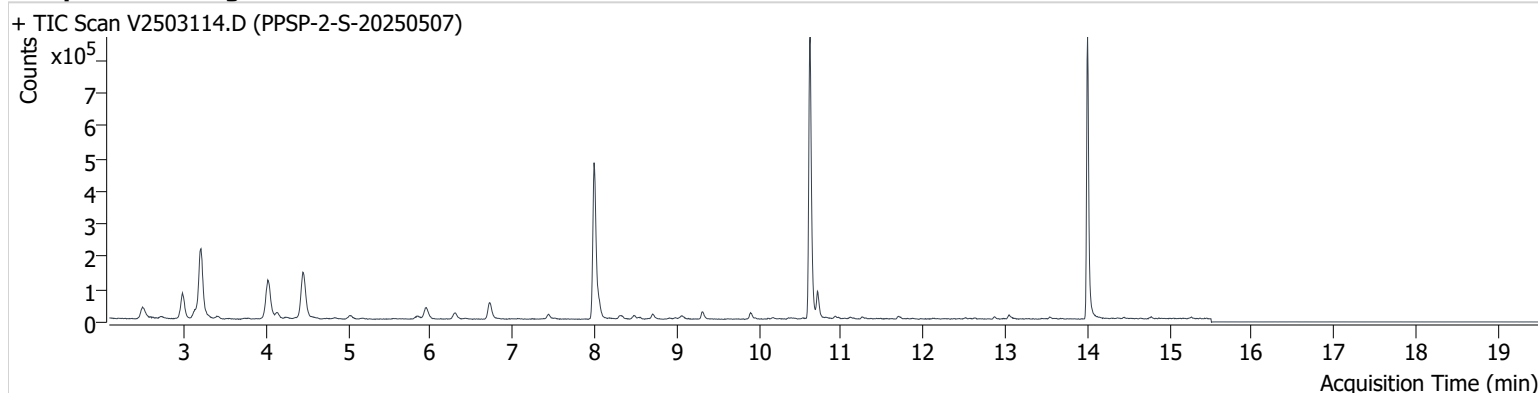


+ Scan (13.508-13.601 min, 15 scans) V2503113.D



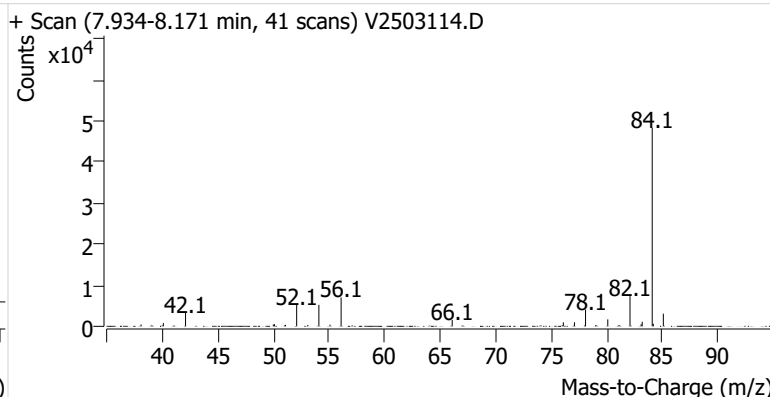
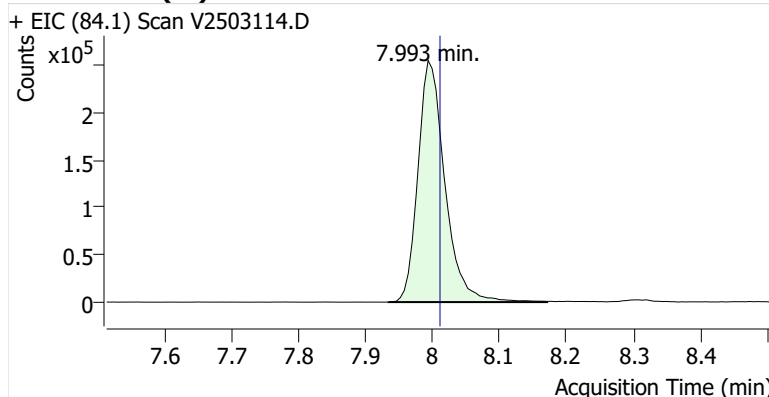
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Comment B18877
Data File V2503114.D
Acq. Date-Time 5/24/2025 7:34:17 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

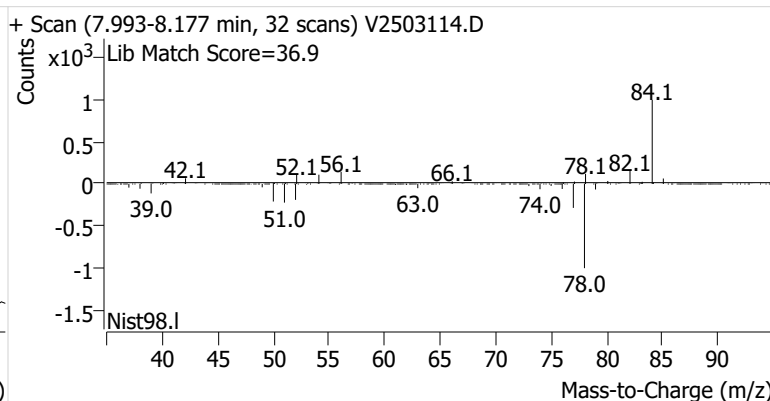
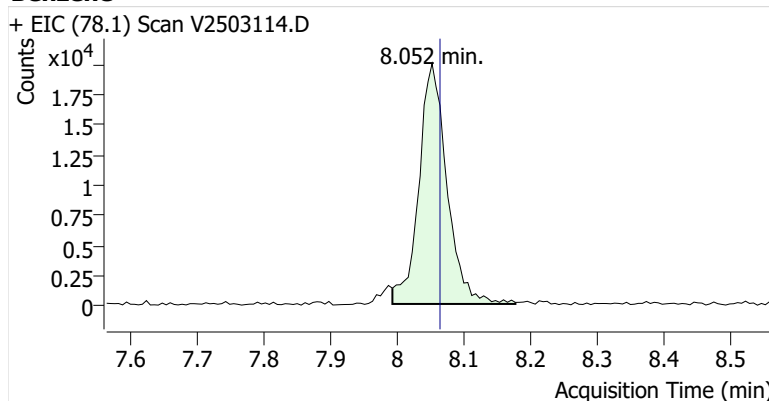


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	714,574	
Benzene	Benzene-d6 (IS)	8.052	8.064	57,965	
Toluene-d8 (IS)		10.622	10.634	784,606	
Toluene	Toluene-d8 (IS)	10.711	10.723	71,370	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	5,167	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	11,265	
o-Xylene	Toluene-d8 (IS)	13.537	13.548	4,406	

Benzene-d6 (IS)

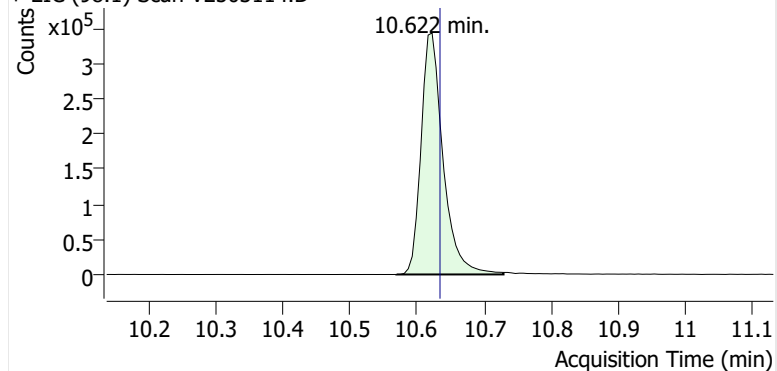


Benzene

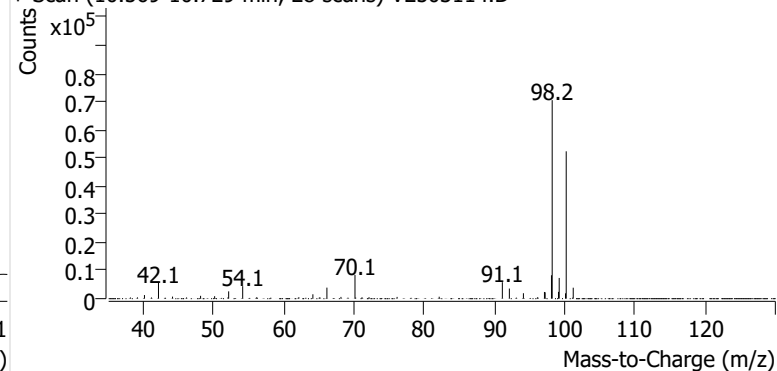


Toluene-d8 (IS)

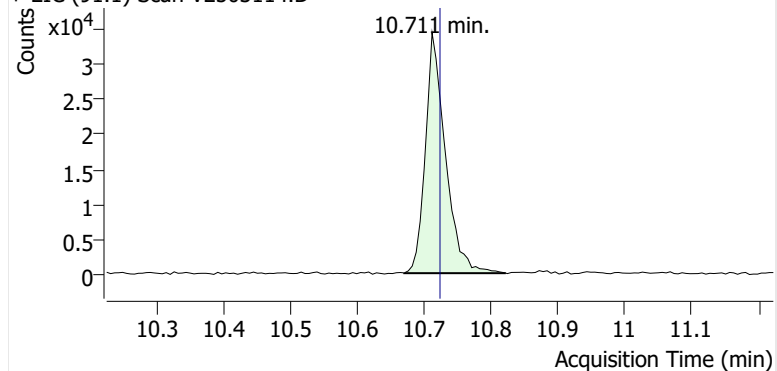
+ EIC (98.1) Scan V2503114.D



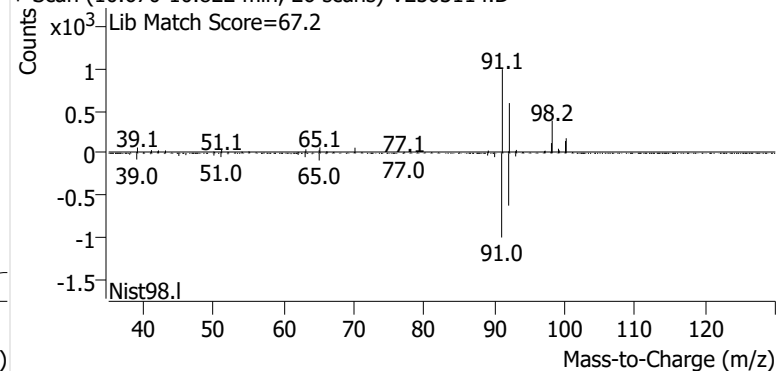
+ Scan (10.569-10.729 min, 28 scans) V2503114.D

**Toluene**

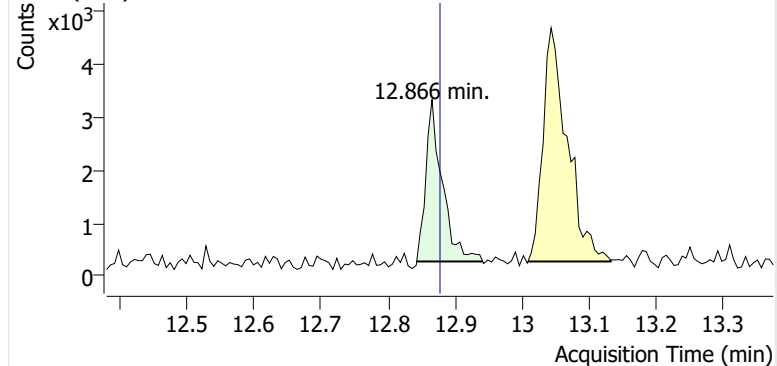
+ EIC (91.1) Scan V2503114.D



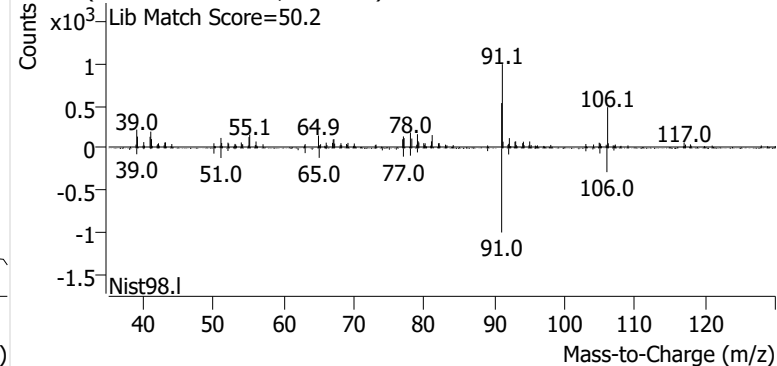
+ Scan (10.670-10.822 min, 26 scans) V2503114.D

**Ethylbenzene**

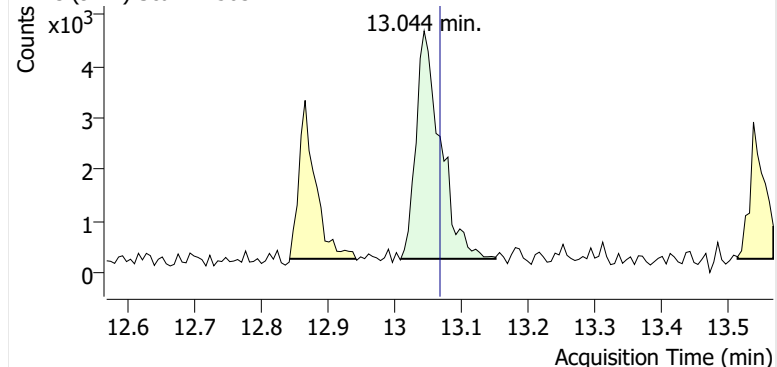
+ EIC (91.1) Scan V2503114.D



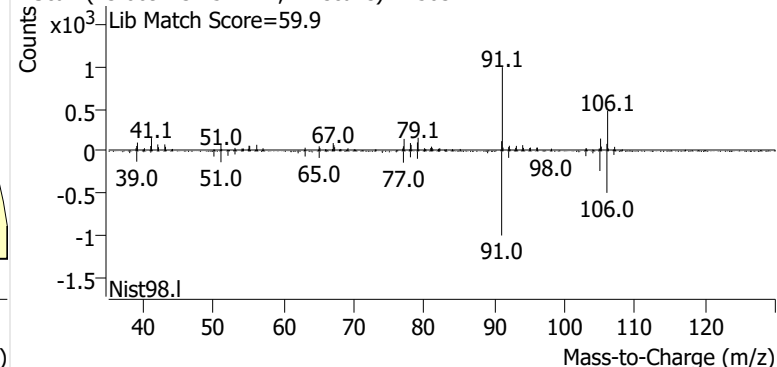
+ Scan (12.843-12.942 min, 16 scans) V2503114.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503114.D

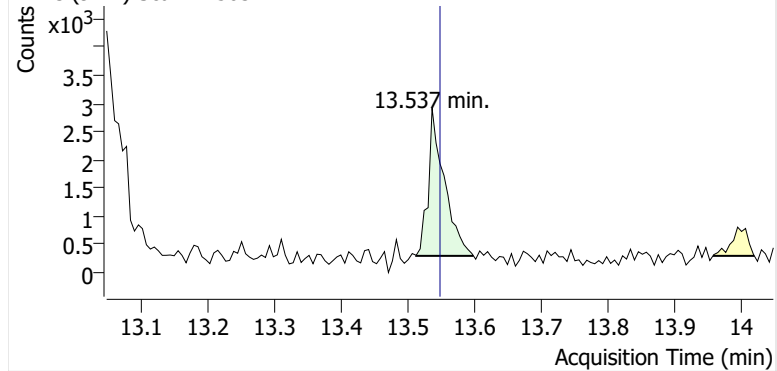


+ Scan (13.009-13.151 min, 24 scans) V2503114.D

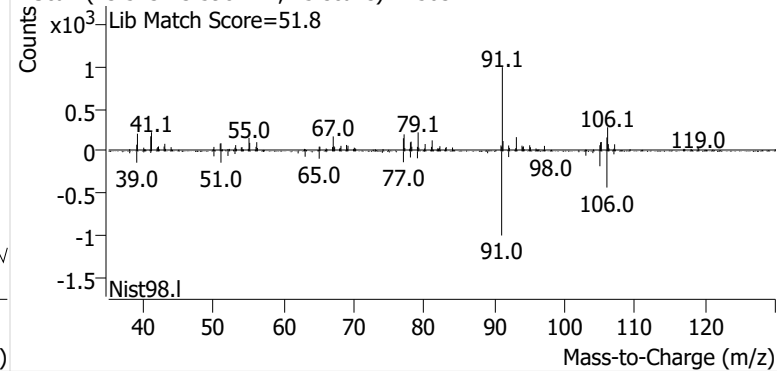


o-Xylene

+ EIC (91.1) Scan V2503114.D

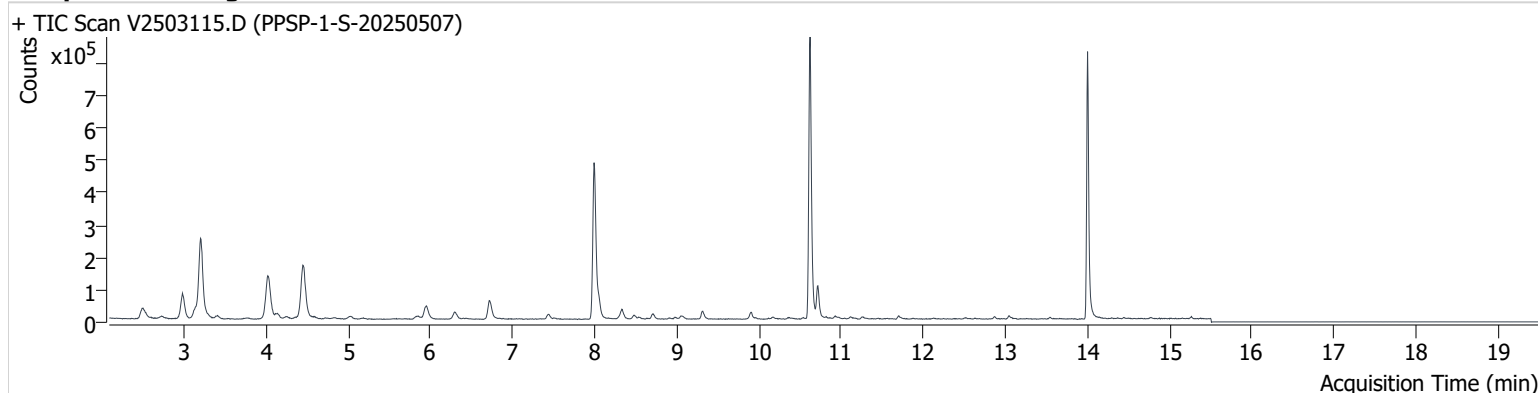


+ Scan (13.513-13.598 min, 15 scans) V2503114.D



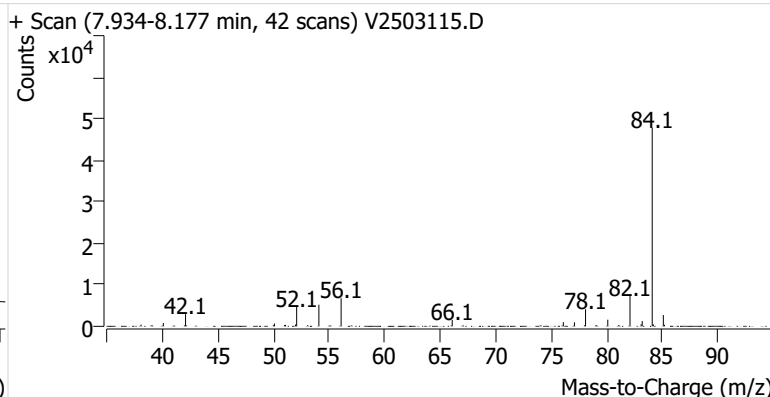
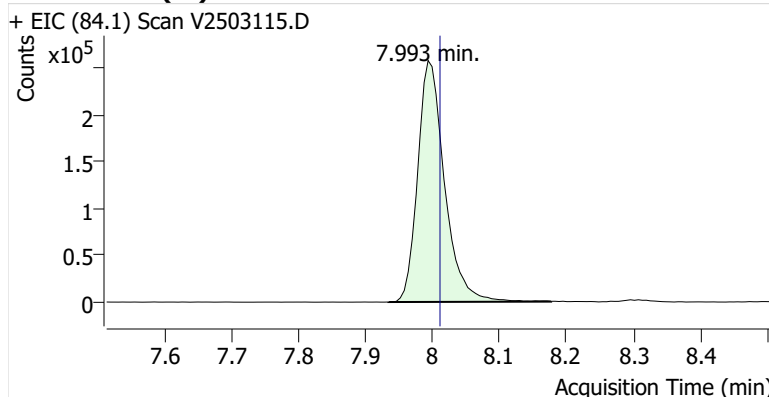
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Comment B19904
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Acq. Date-Time 5/24/2025 8:15:26 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

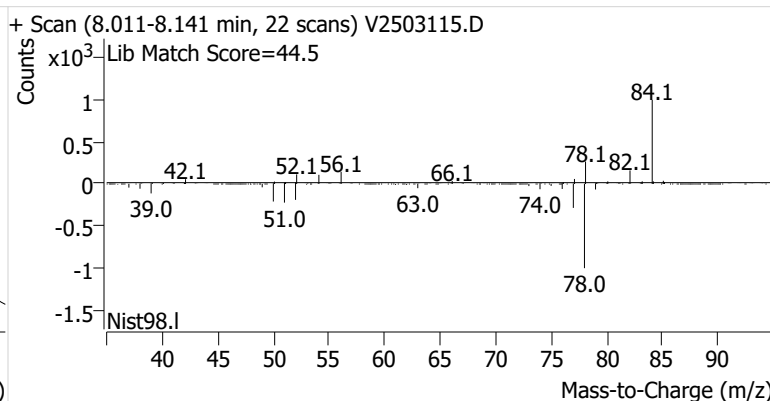
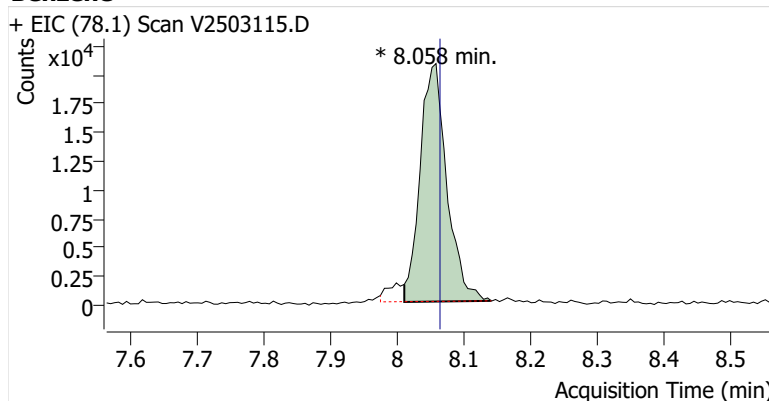


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	718,650	
Benzene	Benzene-d6 (IS)	8.058	8.064	57,627	m
Toluene-d8 (IS)		10.622	10.634	779,417	
Toluene	Toluene-d8 (IS)	10.717	10.723	94,114	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	5,050	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	8,710	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	3,345	

Benzene-d6 (IS)

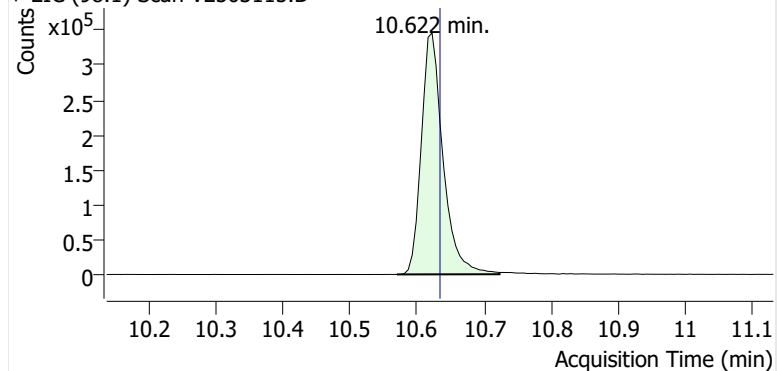


Benzene

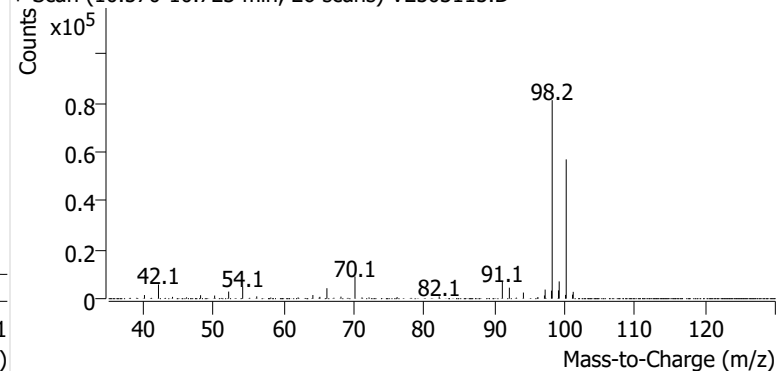


Toluene-d8 (IS)

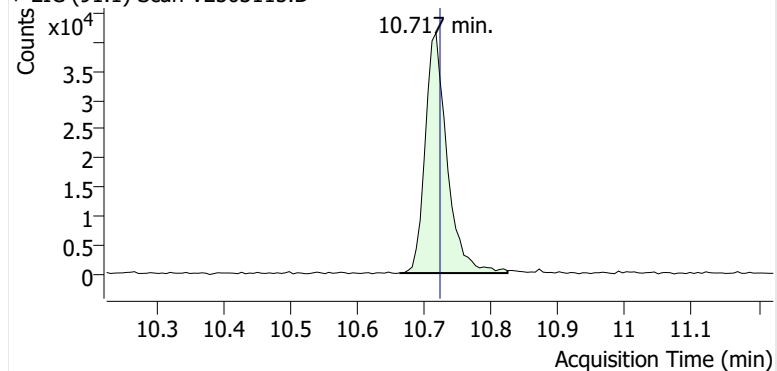
+ EIC (98.1) Scan V2503115.D



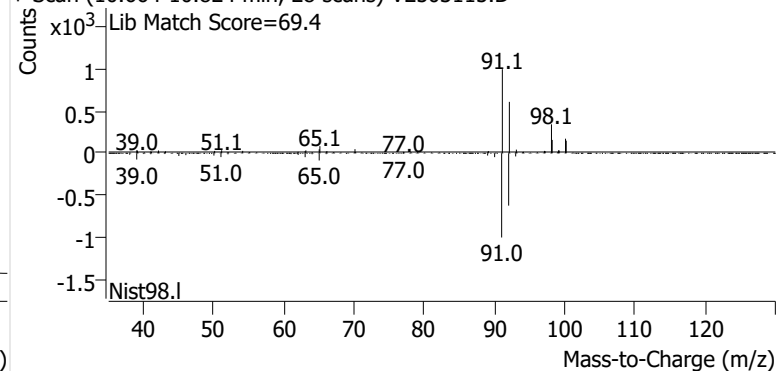
+ Scan (10.570-10.723 min, 26 scans) V2503115.D

**Toluene**

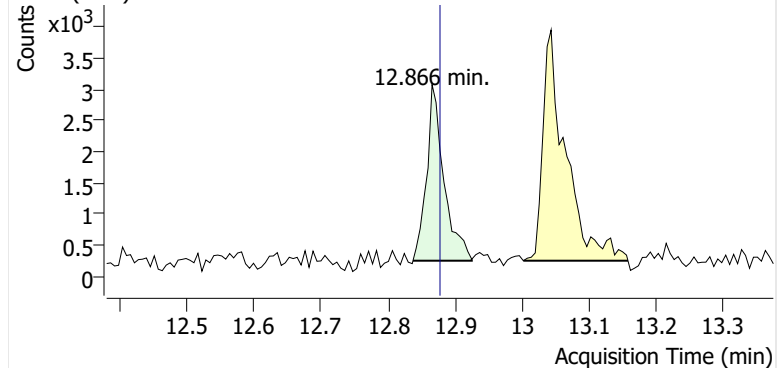
+ EIC (91.1) Scan V2503115.D



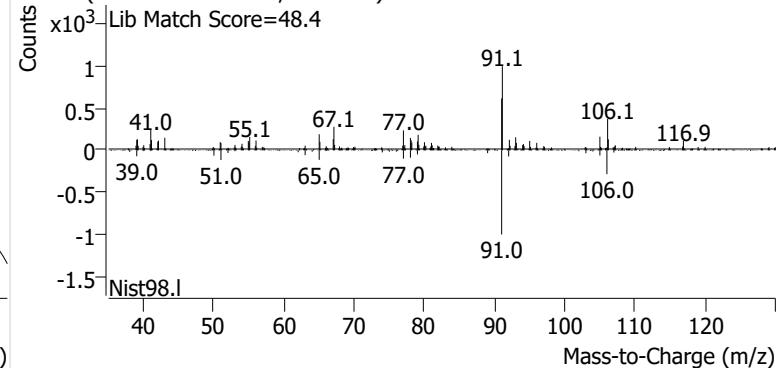
+ Scan (10.664-10.824 min, 28 scans) V2503115.D

**Ethylbenzene**

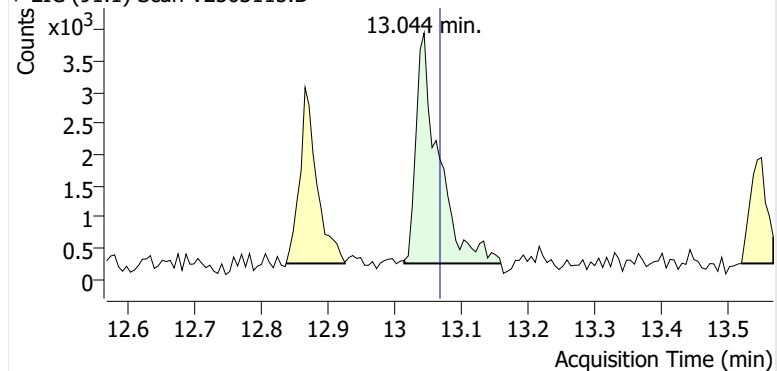
+ EIC (91.1) Scan V2503115.D



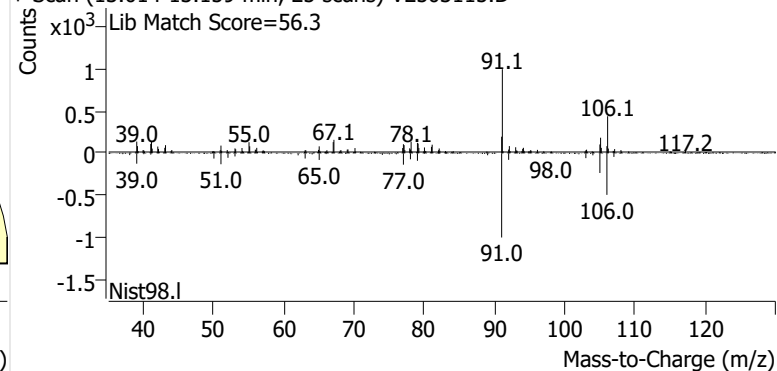
+ Scan (12.837-12.925 min, 15 scans) V2503115.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503115.D

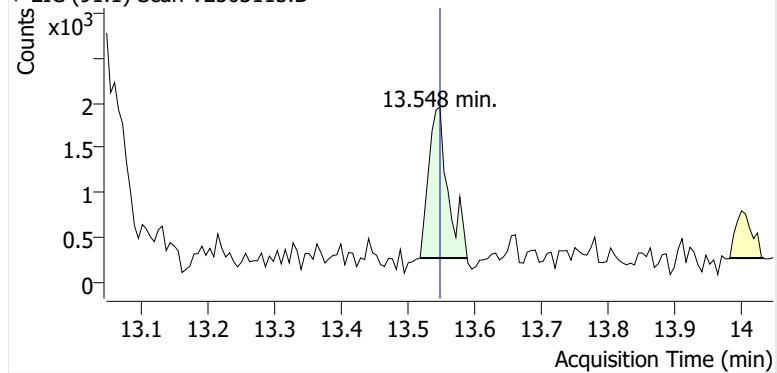


+ Scan (13.014-13.159 min, 25 scans) V2503115.D

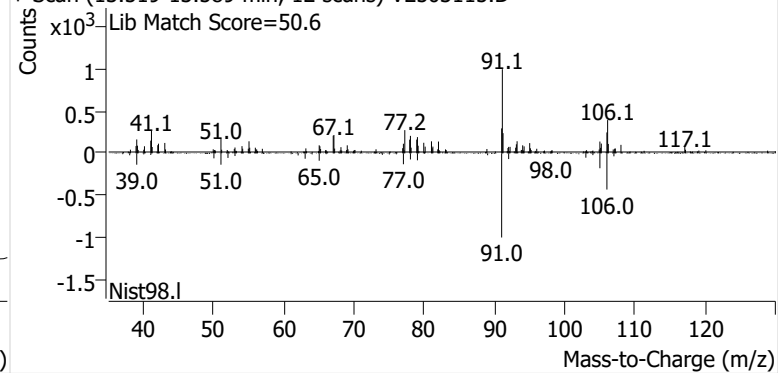


o-Xylene

+ EIC (91.1) Scan V2503115.D

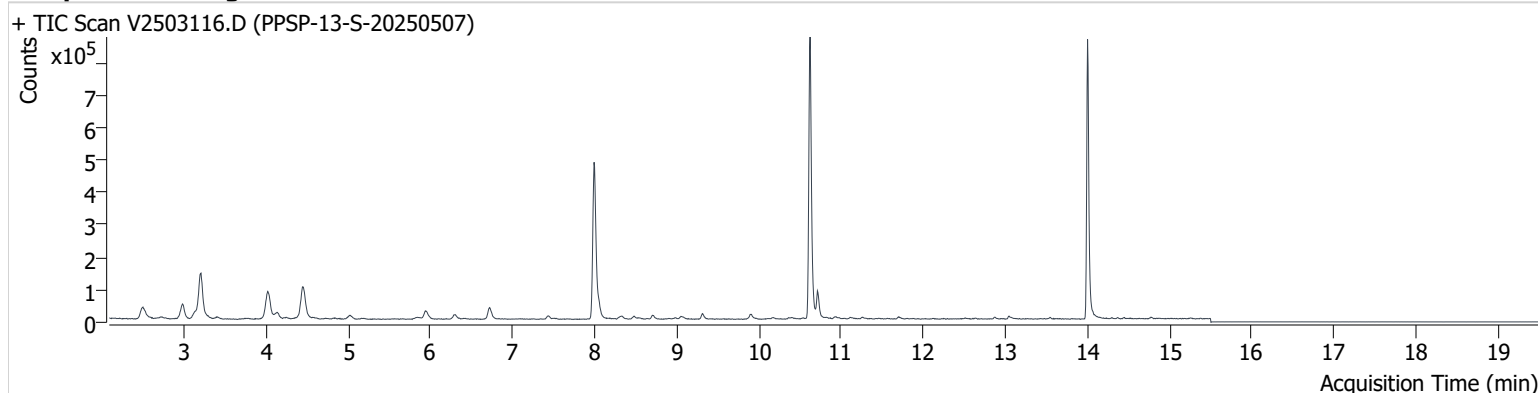


+ Scan (13.519-13.589 min, 12 scans) V2503115.D



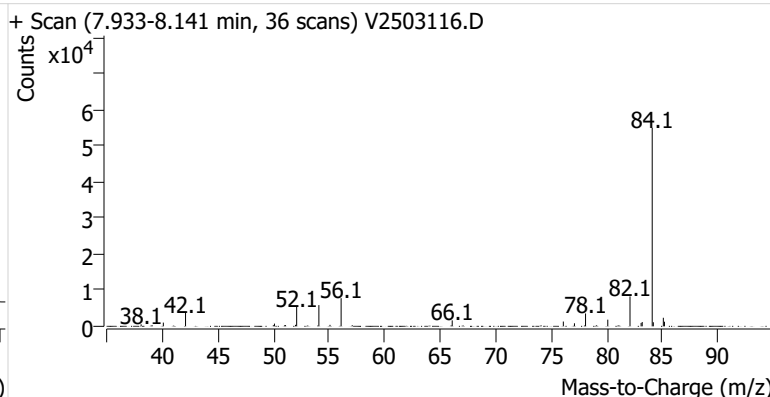
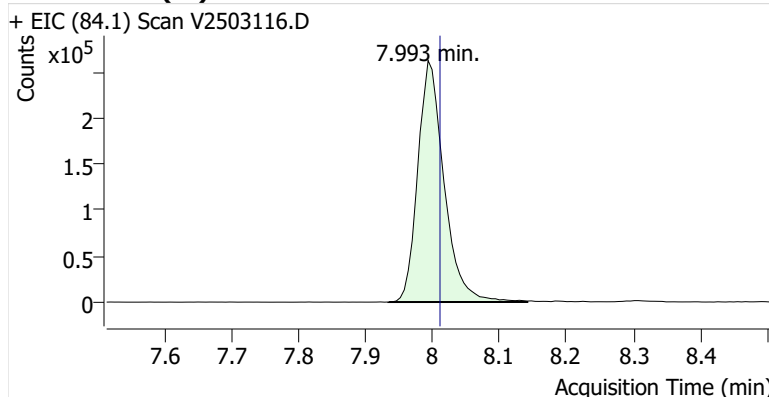
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Comment B52891
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Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

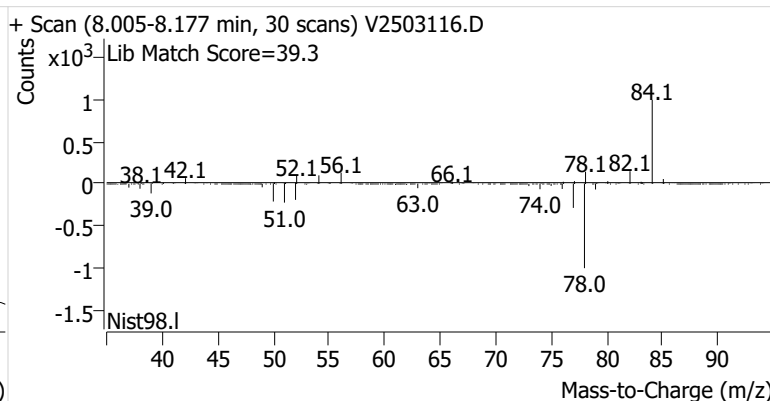
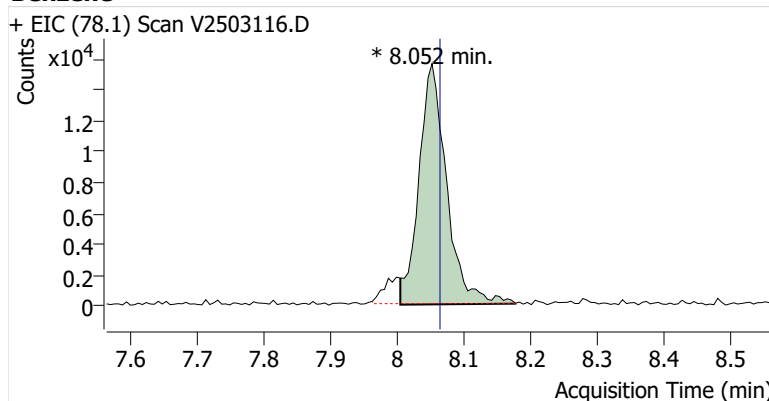


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	717,288	
Benzene	Benzene-d6 (IS)	8.052	8.064	44,750	m
Toluene-d8 (IS)		10.622	10.634	775,263	
Toluene	Toluene-d8 (IS)	10.711	10.723	72,875	
Ethylbenzene	Toluene-d8 (IS)	12.860	12.878	5,045	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	8,686	
o-Xylene	Toluene-d8 (IS)	13.542	13.548	3,605	

Benzene-d6 (IS)

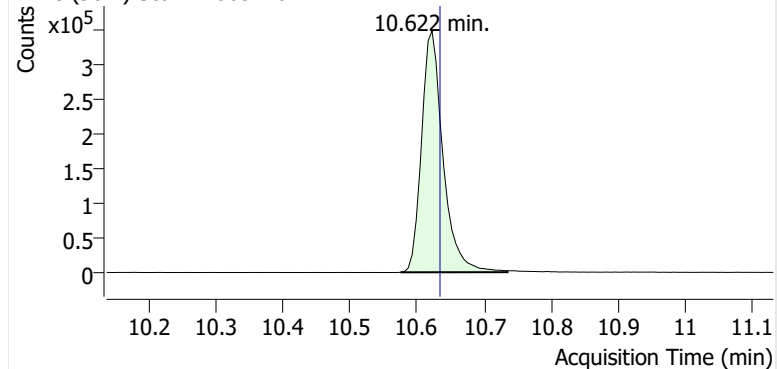


Benzene

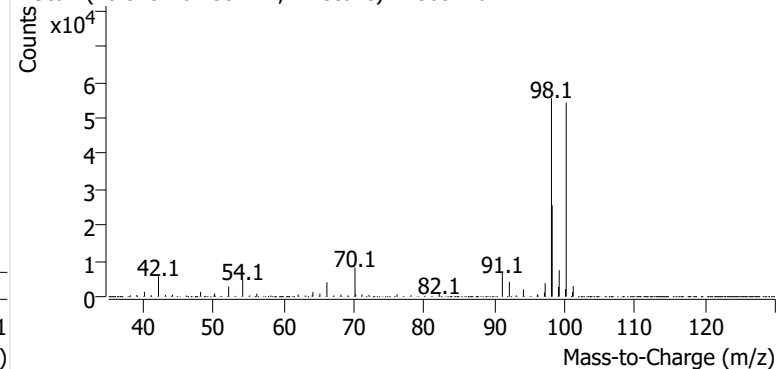


Toluene-d8 (IS)

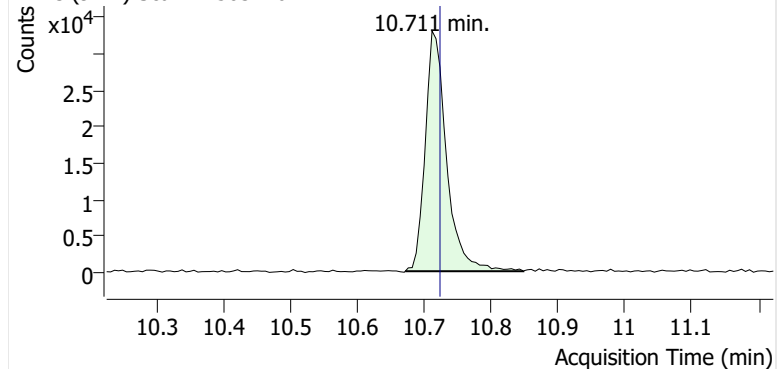
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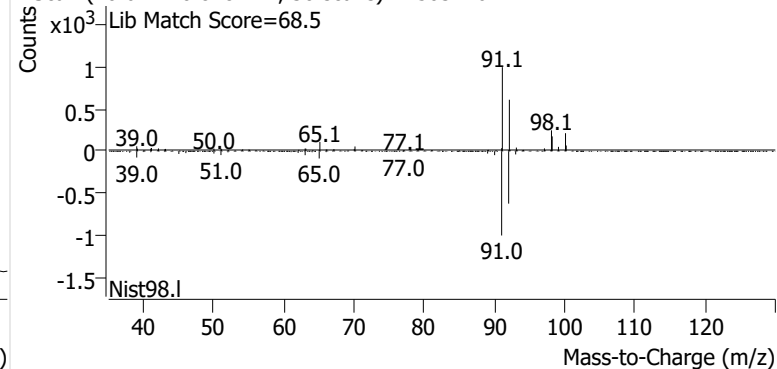
+ Scan (10.575-10.735 min, 27 scans) V2503116.D

**Toluene**

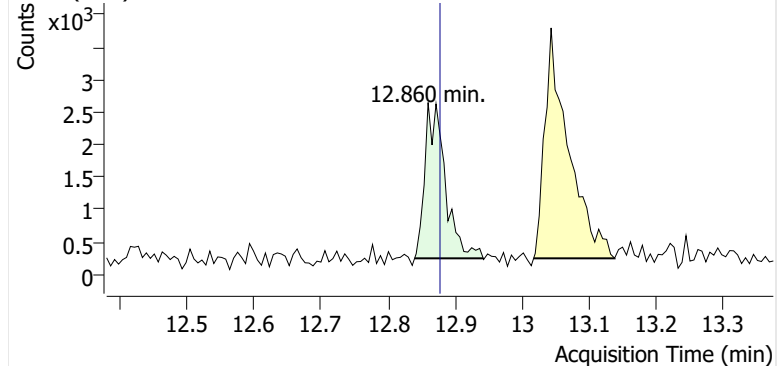
+ EIC (91.1) Scan V2503116.D



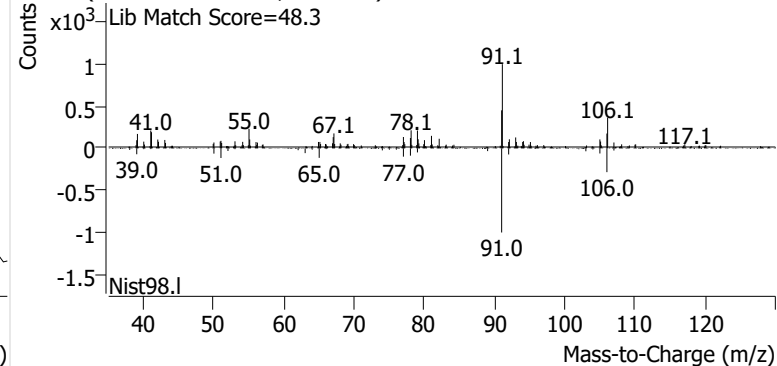
+ Scan (10.671-10.848 min, 30 scans) V2503116.D

**Ethylbenzene**

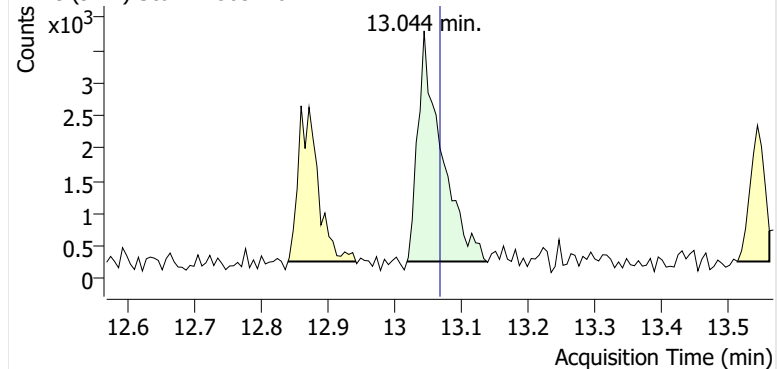
+ EIC (91.1) Scan V2503116.D



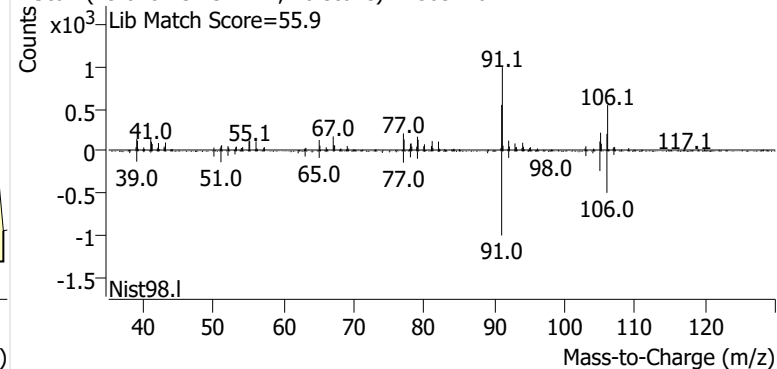
+ Scan (12.840-12.942 min, 17 scans) V2503116.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503116.D

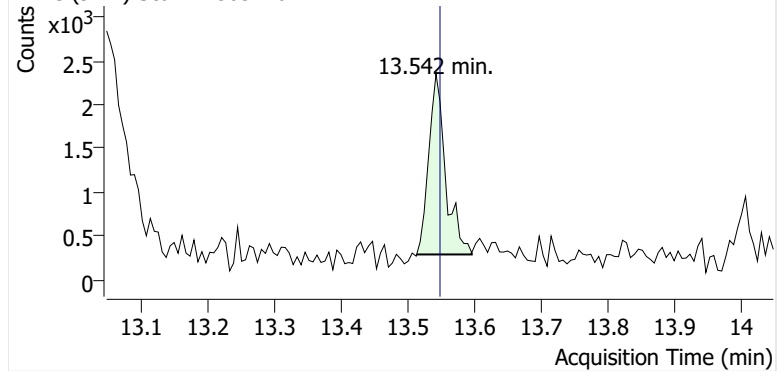


+ Scan (13.018-13.137 min, 20 scans) V2503116.D

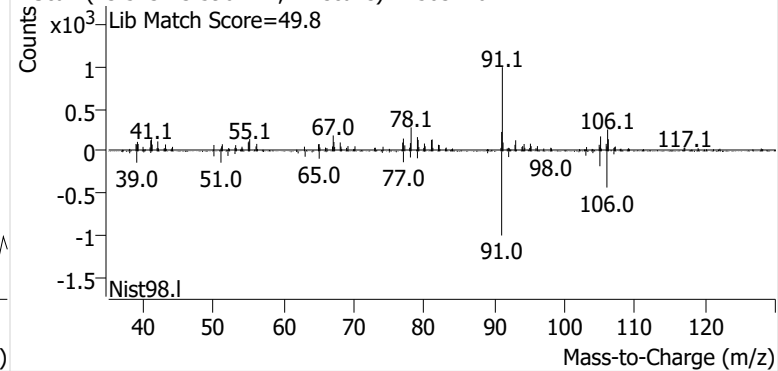


o-Xylene

+ EIC (91.1) Scan V2503116.D

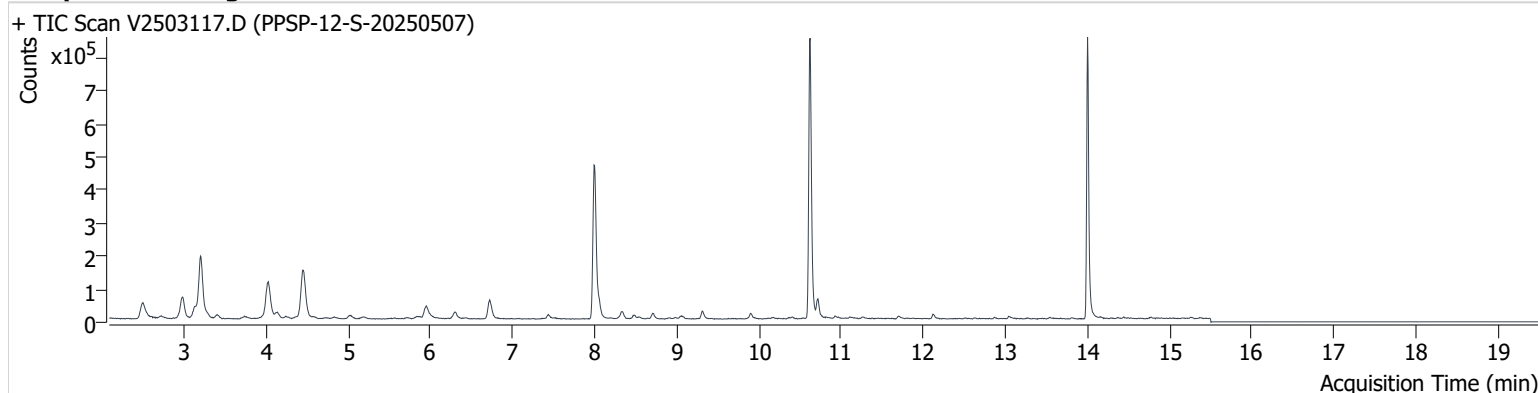


+ Scan (13.513-13.596 min, 14 scans) V2503116.D



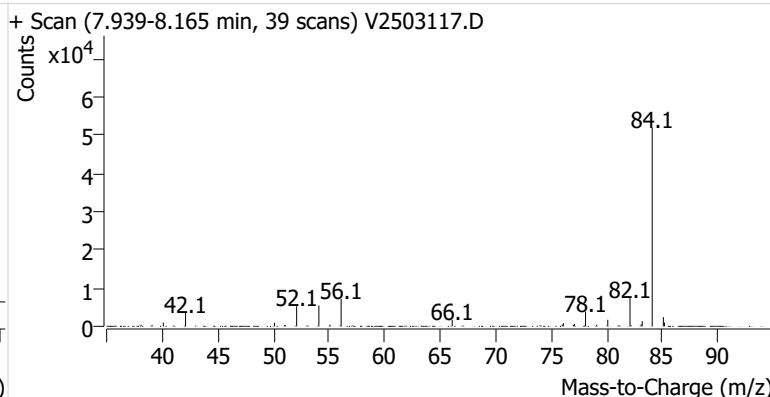
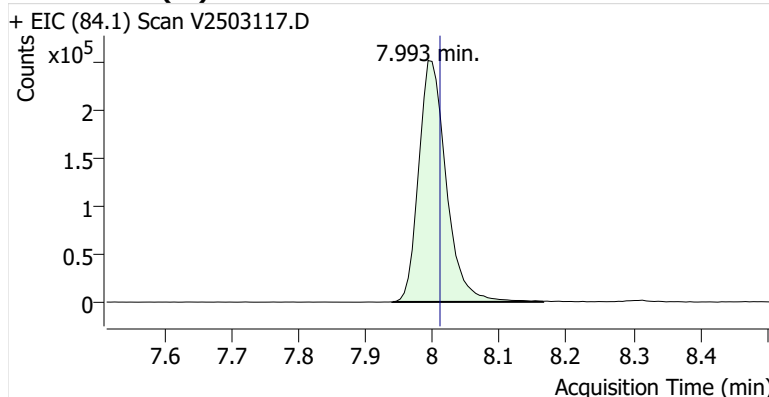
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Comment C39288
Data File V2503117.D
Acq. Date-Time 5/24/2025 9:37:50 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

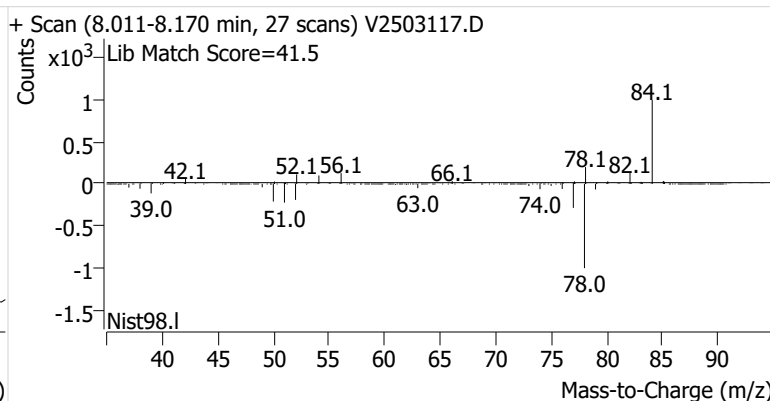
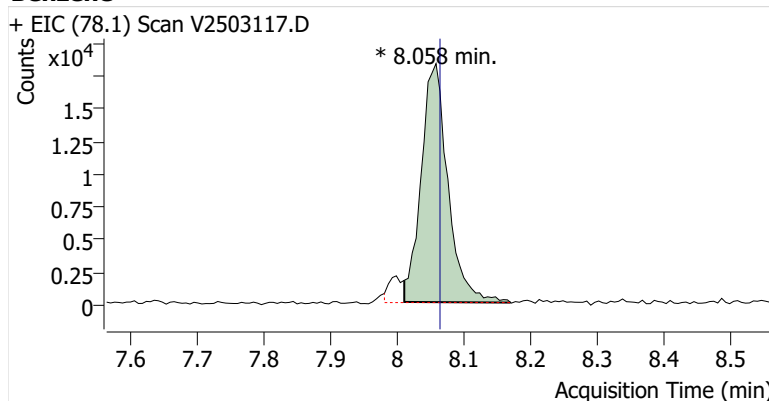


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	718,908	
Benzene	Benzene-d6 (IS)	8.058	8.064	50,655	m
Toluene-d8 (IS)		10.622	10.634	777,542	
Toluene	Toluene-d8 (IS)	10.717	10.723	52,683	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	2,874	
m-/p-Xylenes	Toluene-d8 (IS)	13.038	13.068	6,516	m
o-Xylene	Toluene-d8 (IS)	13.542	13.548	2,616	

Benzene-d6 (IS)

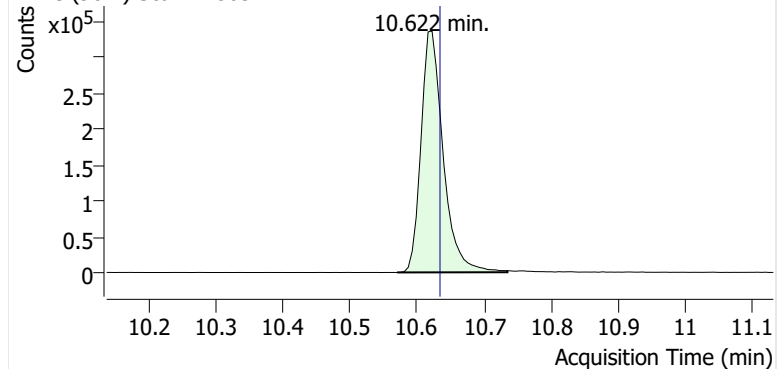


Benzene

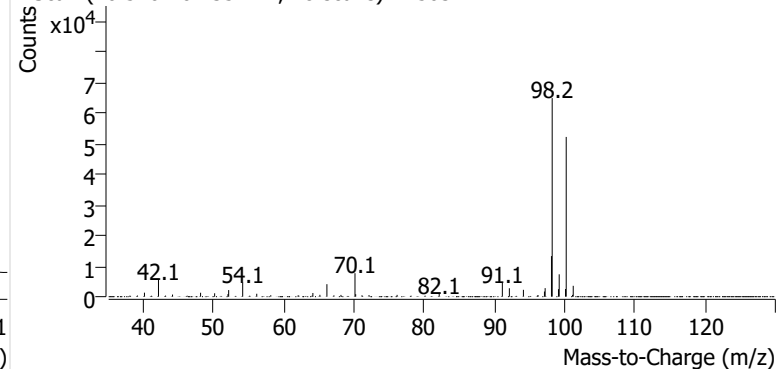


Toluene-d8 (IS)

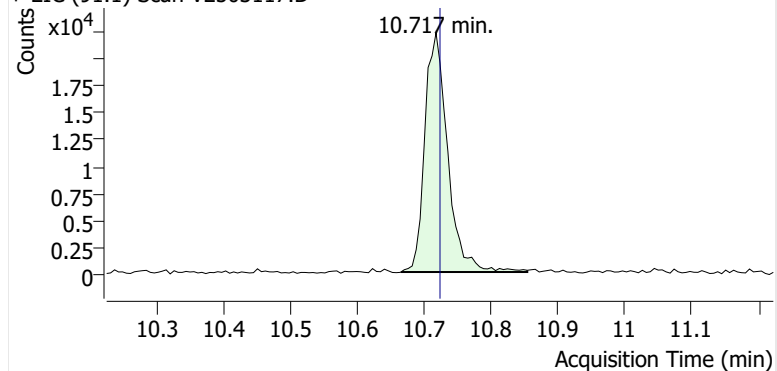
+ EIC (98.1) Scan V2503117.D



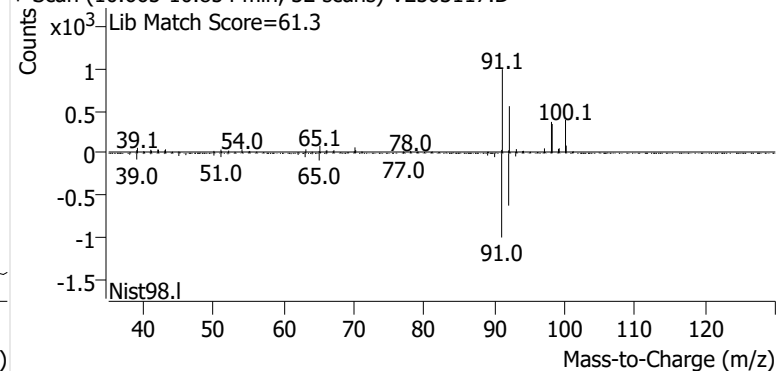
+ Scan (10.570-10.735 min, 28 scans) V2503117.D

**Toluene**

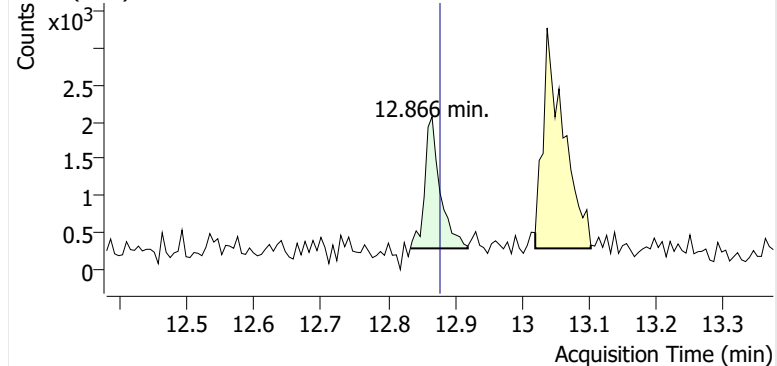
+ EIC (91.1) Scan V2503117.D



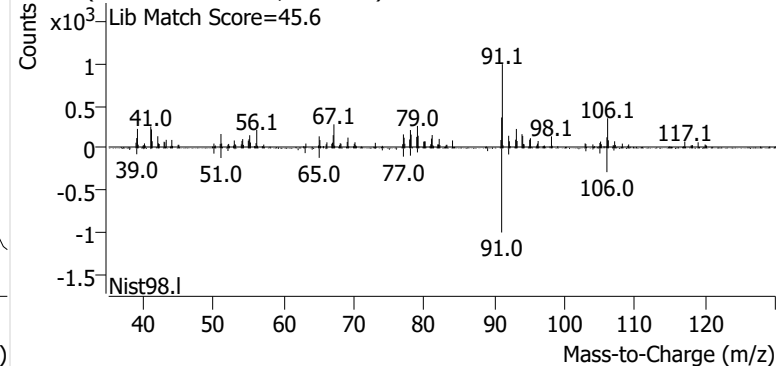
+ Scan (10.665-10.854 min, 32 scans) V2503117.D

**Ethylbenzene**

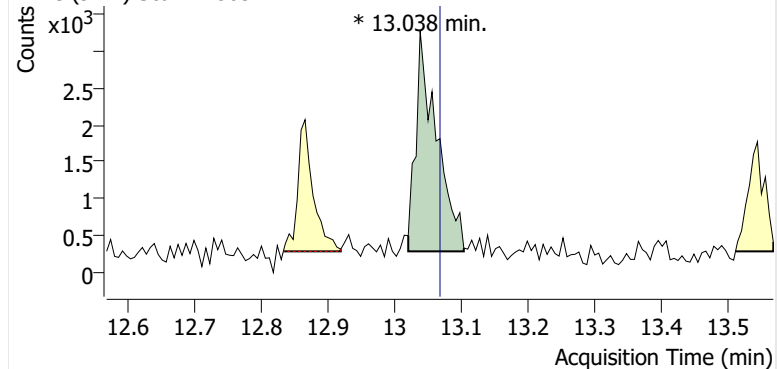
+ EIC (91.1) Scan V2503117.D



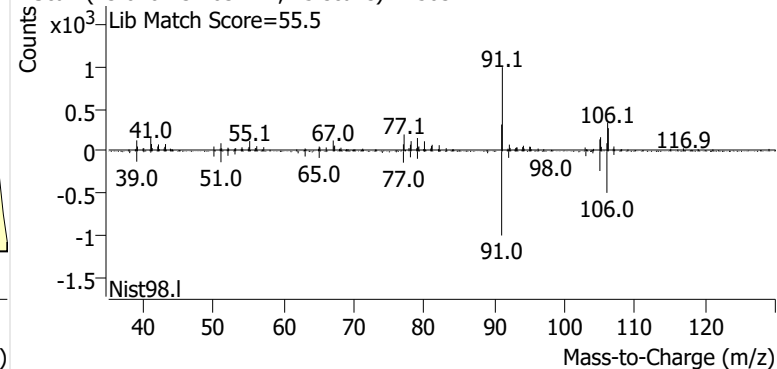
+ Scan (12.833-12.919 min, 15 scans) V2503117.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503117.D

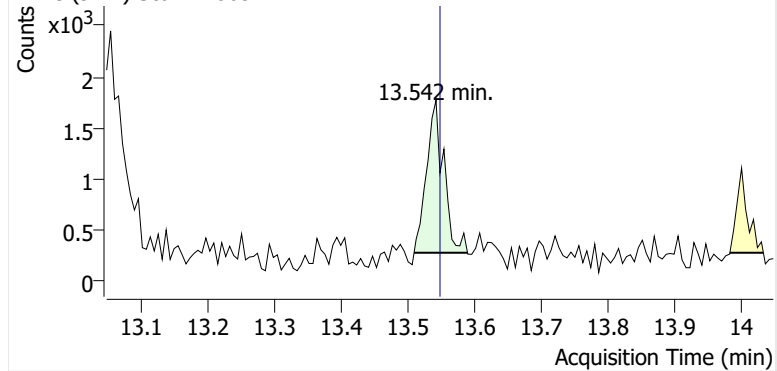


+ Scan (13.020-13.103 min, 15 scans) V2503117.D

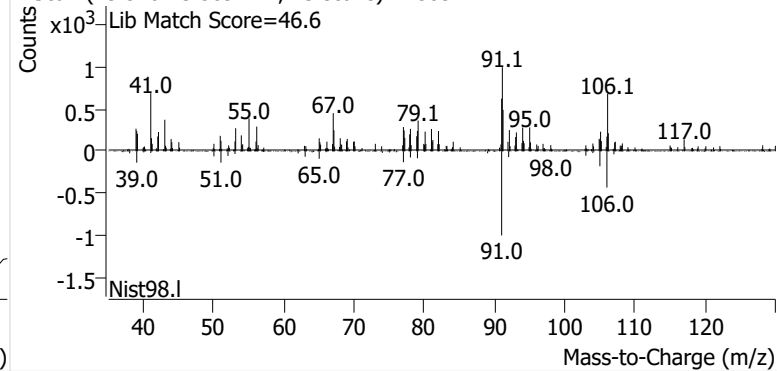


o-Xylene

+ EIC (91.1) Scan V2503117.D

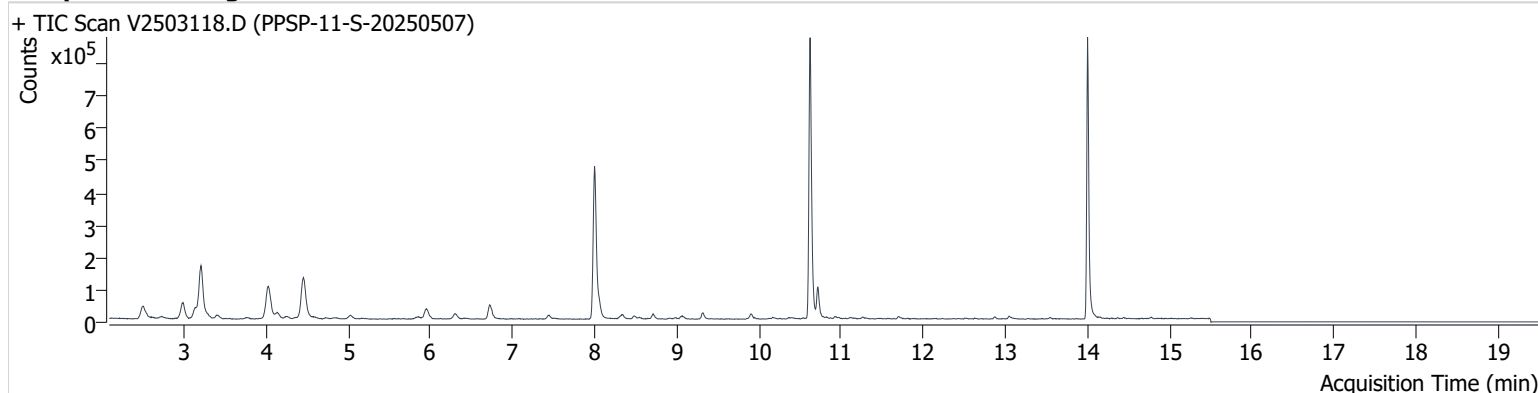


+ Scan (13.510-13.589 min, 13 scans) V2503117.D



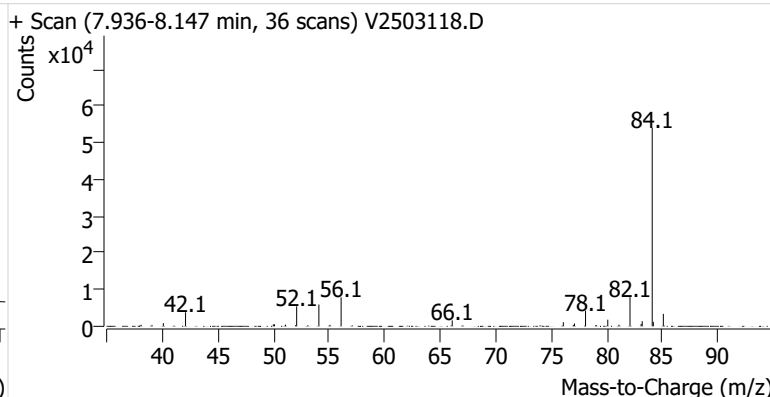
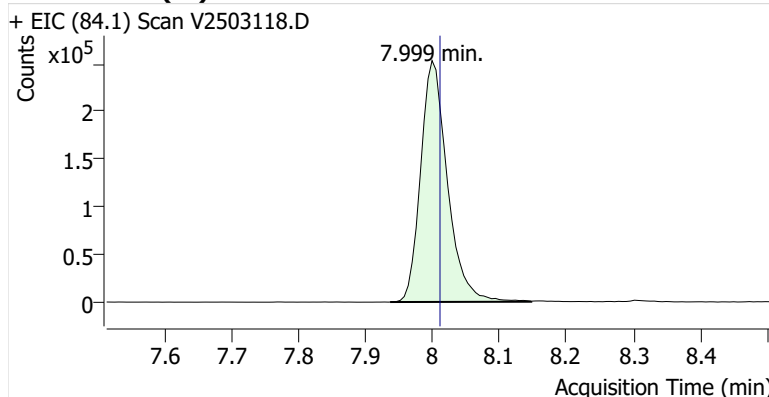
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Comment B49400
Data File V2503118.D
Acq. Date-Time 5/24/2025 10:19:03 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

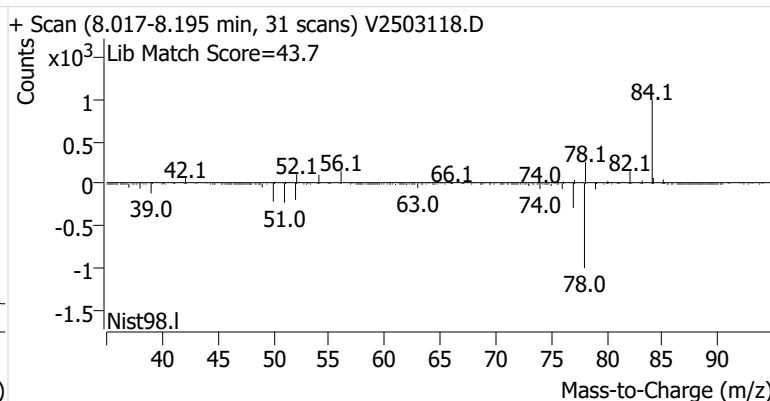
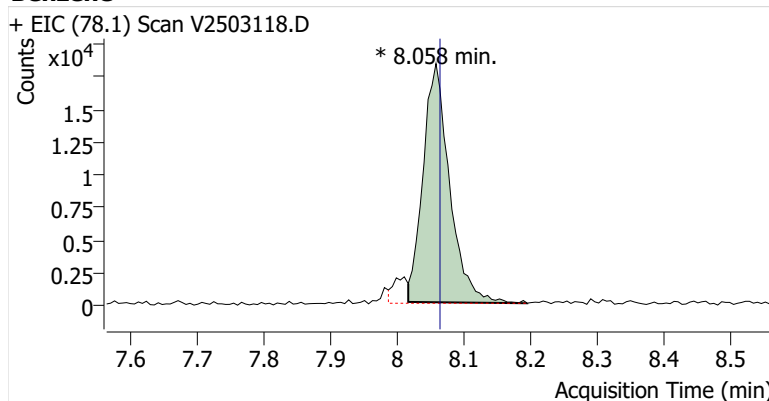


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	705,439	
Benzene	Benzene-d6 (IS)	8.058	8.064	50,411	m
Toluene-d8 (IS)		10.622	10.634	772,505	
Toluene	Toluene-d8 (IS)	10.717	10.723	86,433	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	5,105	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	7,920	
o-Xylene	Toluene-d8 (IS)	13.542	13.548	2,792	

Benzene-d6 (IS)

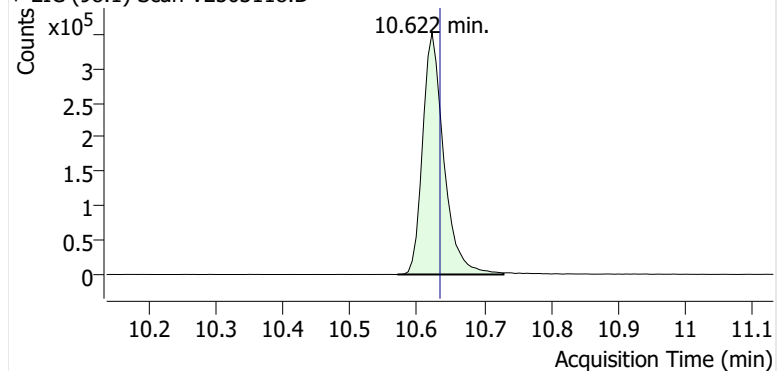


Benzene

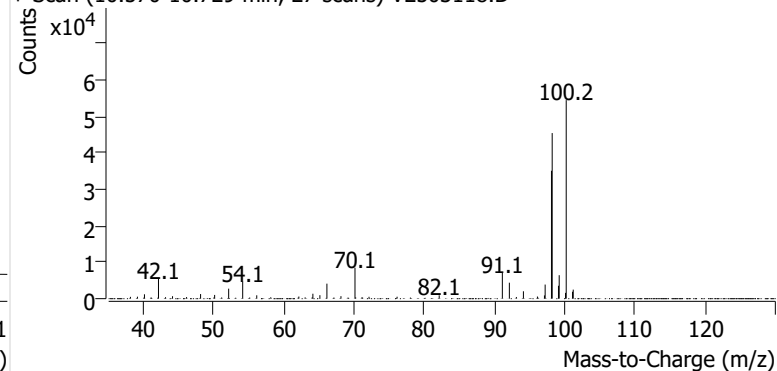


Toluene-d8 (IS)

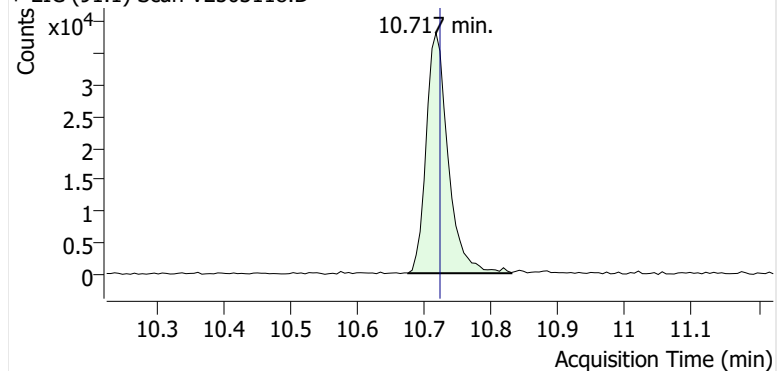
+ EIC (98.1) Scan V2503118.D



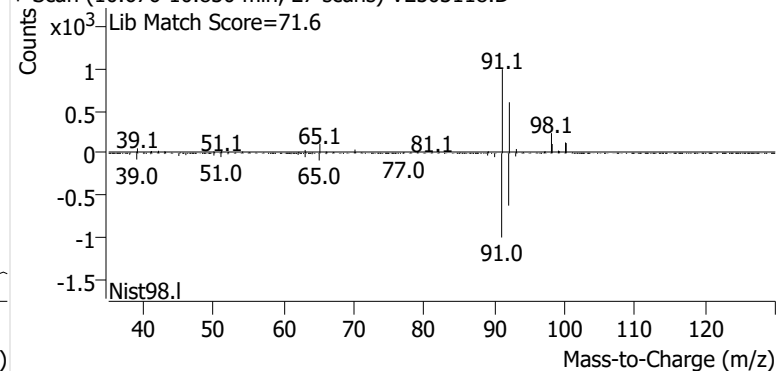
+ Scan (10.570-10.729 min, 27 scans) V2503118.D

**Toluene**

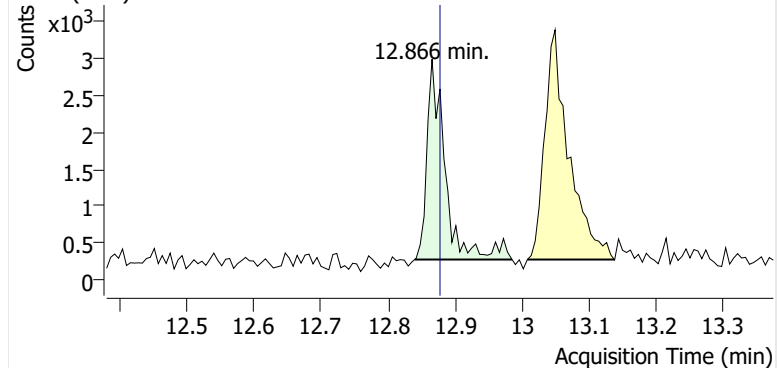
+ EIC (91.1) Scan V2503118.D



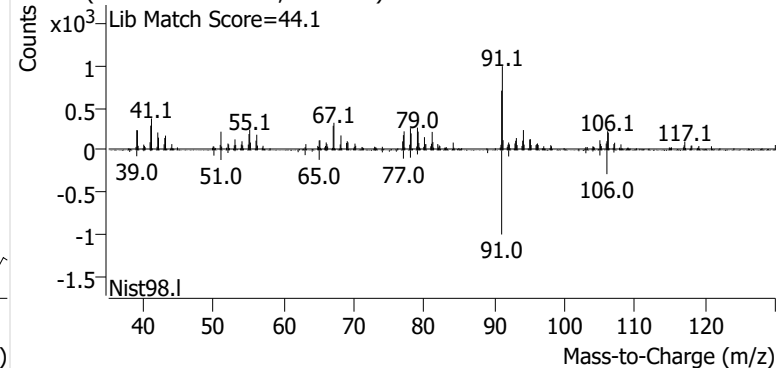
+ Scan (10.676-10.830 min, 27 scans) V2503118.D

**Ethylbenzene**

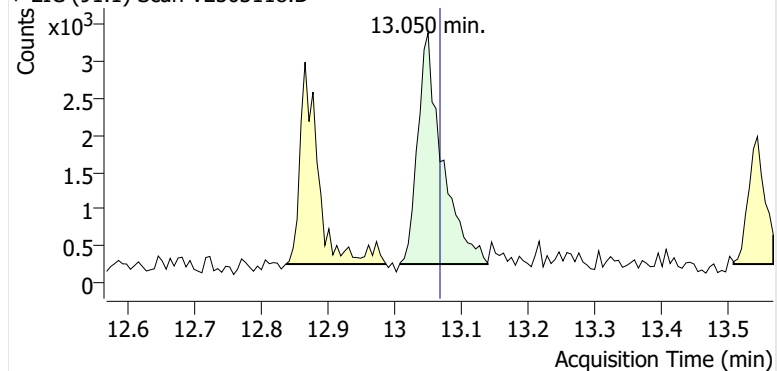
+ EIC (91.1) Scan V2503118.D



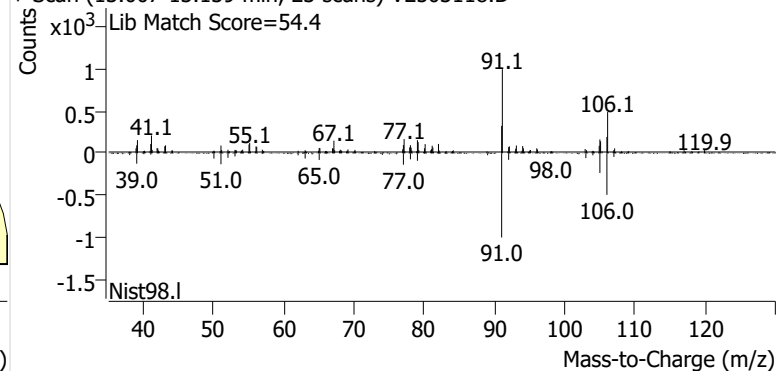
+ Scan (12.840-12.985 min, 25 scans) V2503118.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503118.D

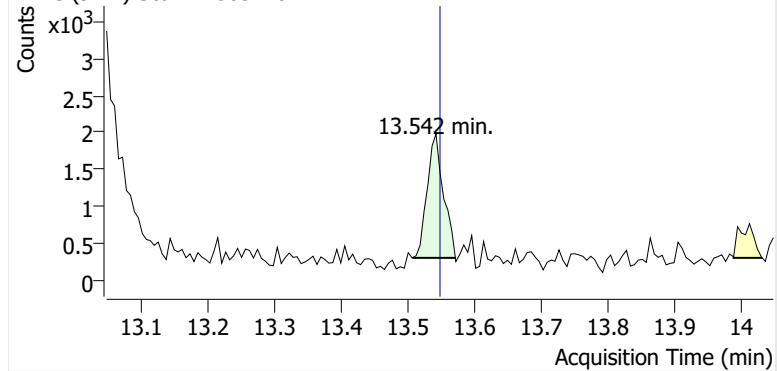


+ Scan (13.007-13.139 min, 23 scans) V2503118.D

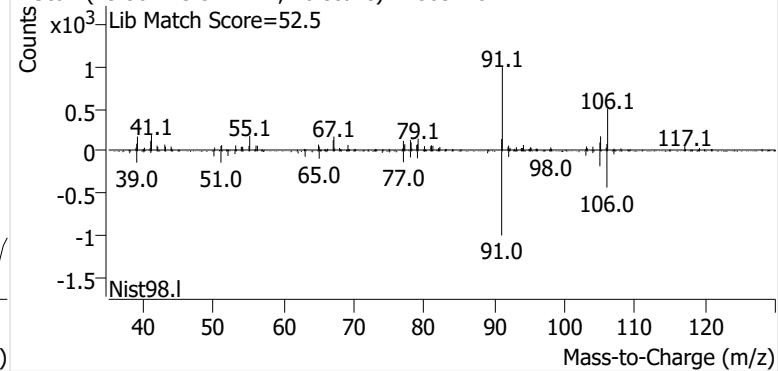


o-Xylene

+ EIC (91.1) Scan V2503118.D

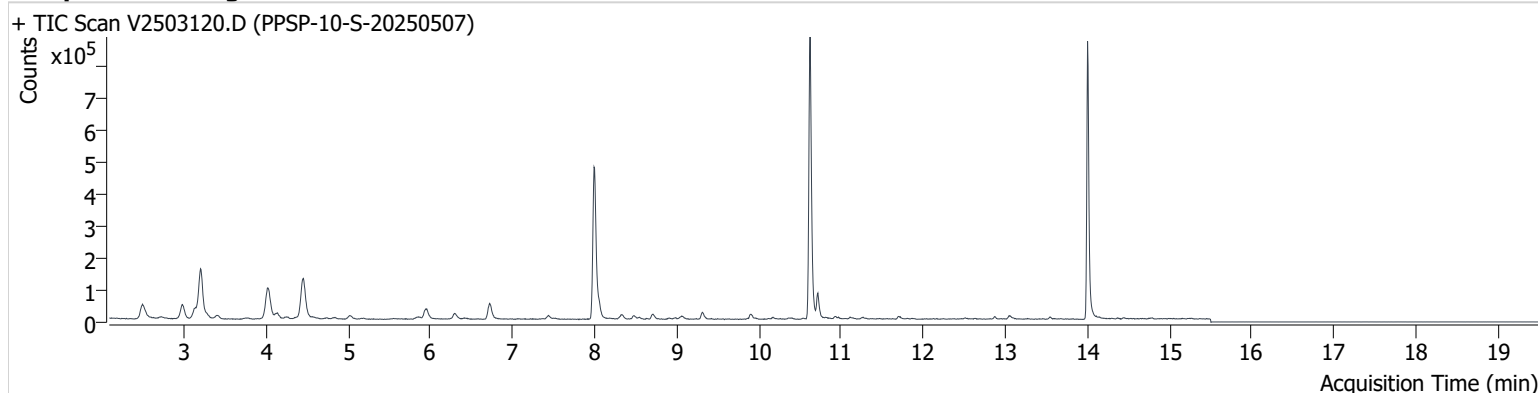


+ Scan (13.507-13.571 min, 10 scans) V2503118.D



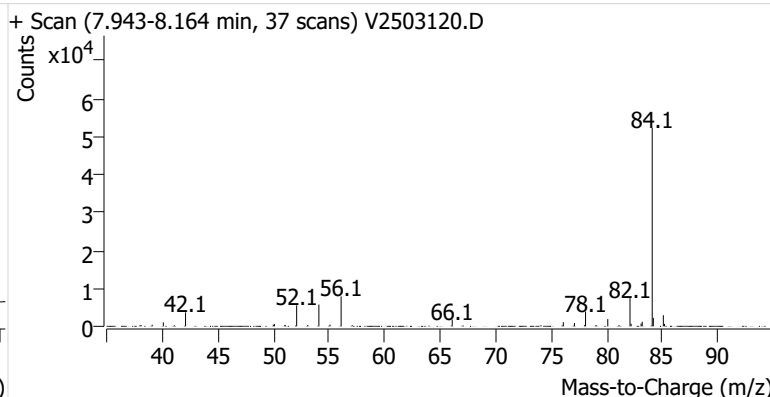
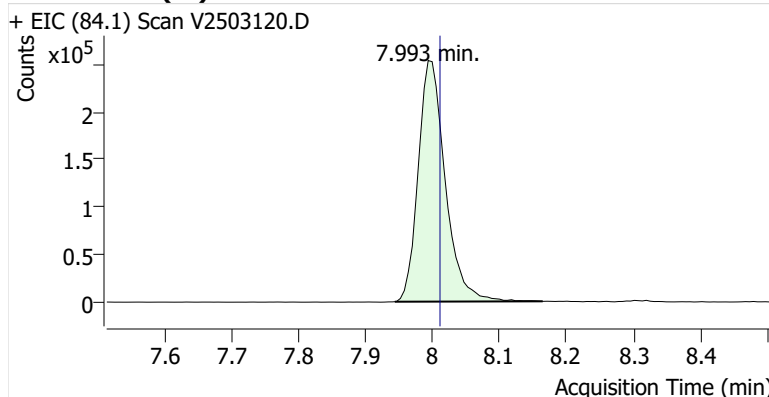
Name PPSP-10-S-20250507
Comment C33490
Data File V2503120.D
Acq. Date-Time 5/24/2025 12:00:03 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

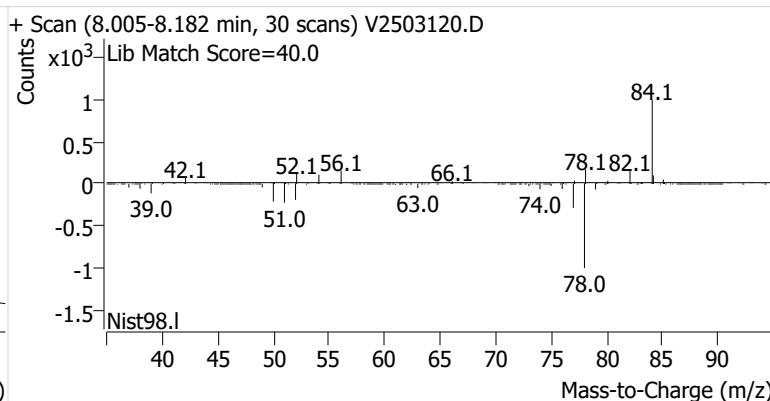
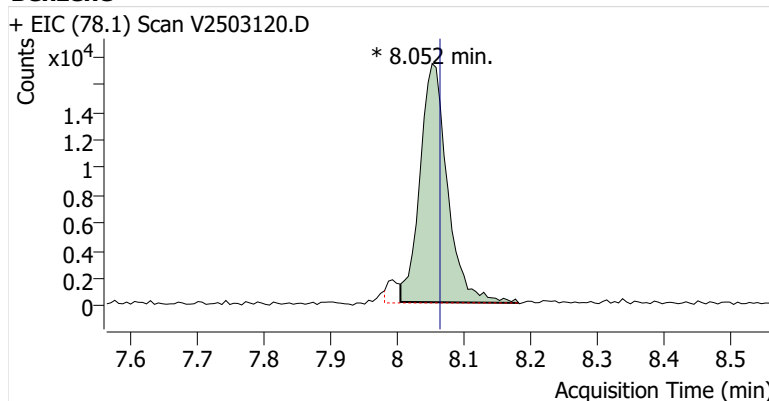


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.993	8.011	712,194	
Benzene	Benzene-d6 (IS)	8.052	8.064	49,622	m
Toluene-d8 (IS)		10.622	10.634	782,009	
Toluene	Toluene-d8 (IS)	10.717	10.723	68,125	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	6,591	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	10,984	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	4,787	

Benzene-d6 (IS)

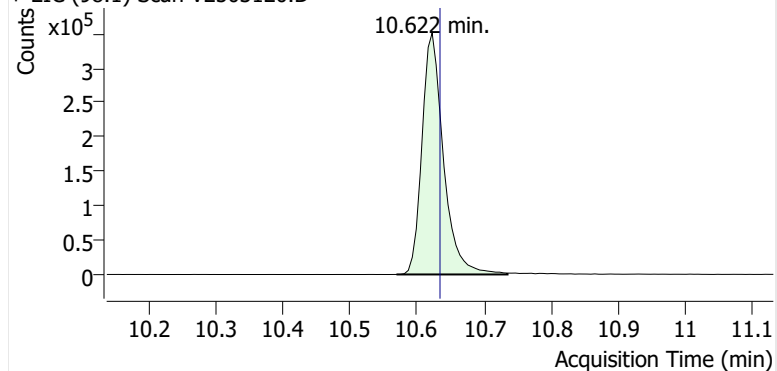


Benzene

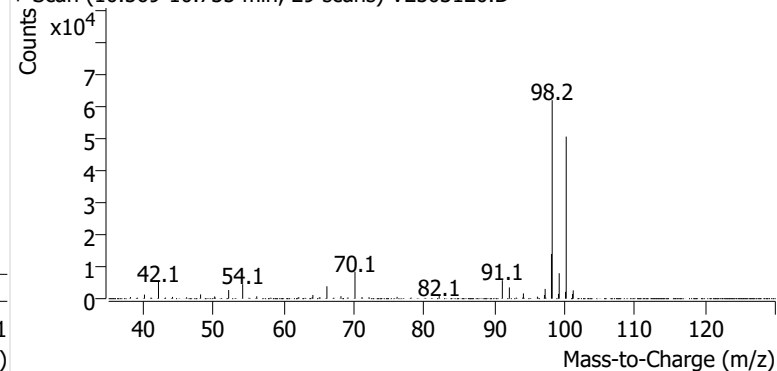


Toluene-d8 (IS)

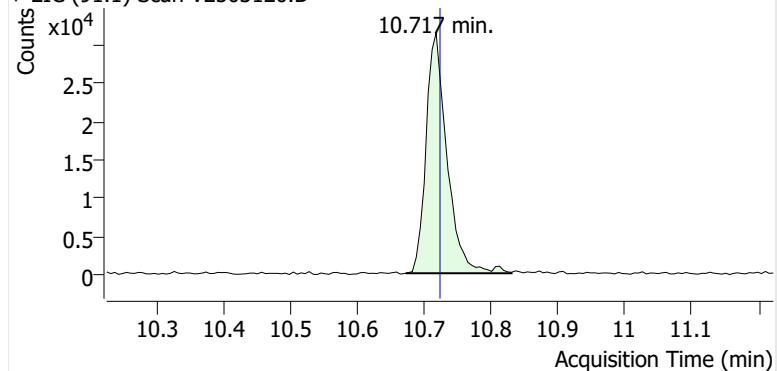
+ EIC (98.1) Scan V2503120.D



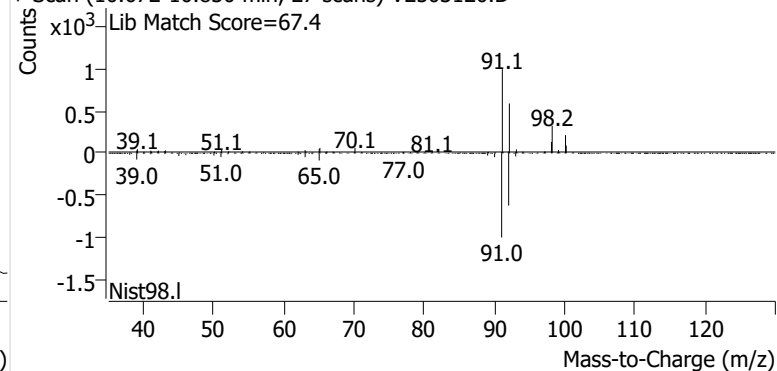
+ Scan (10.569-10.735 min, 29 scans) V2503120.D

**Toluene**

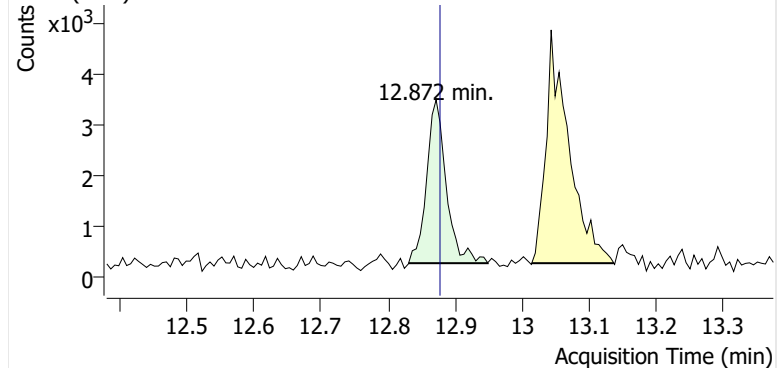
+ EIC (91.1) Scan V2503120.D



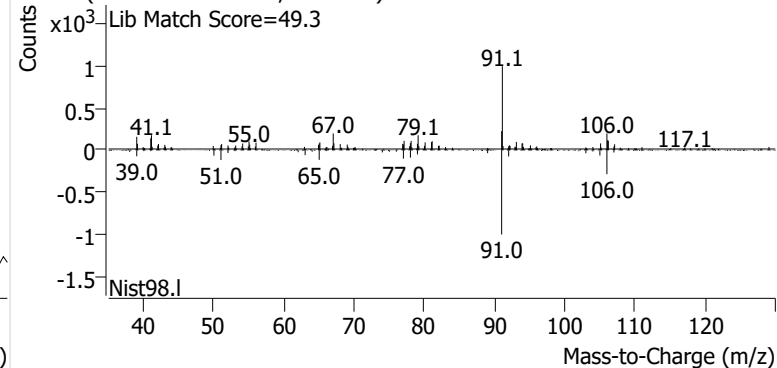
+ Scan (10.672-10.830 min, 27 scans) V2503120.D

**Ethylbenzene**

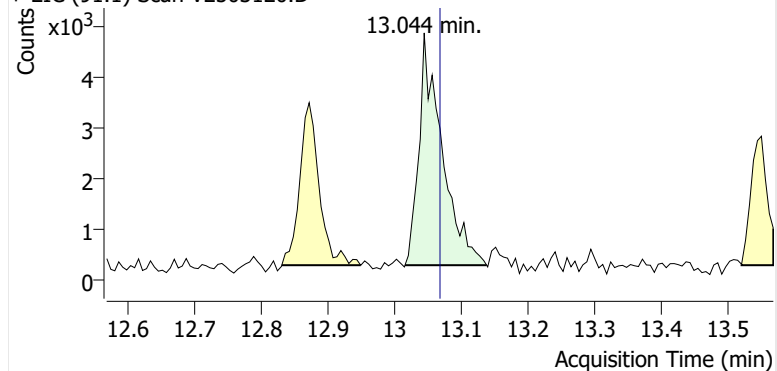
+ EIC (91.1) Scan V2503120.D



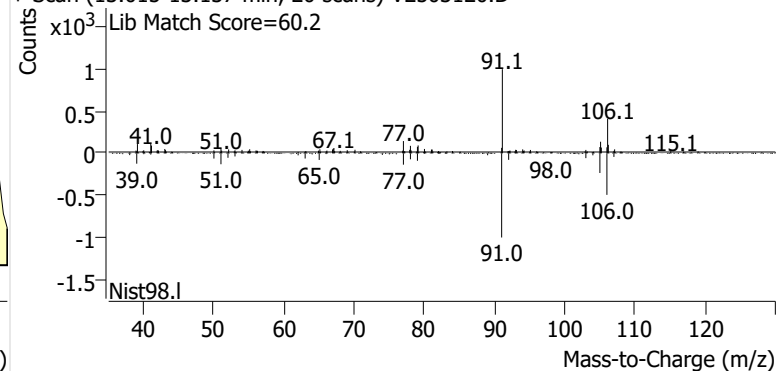
+ Scan (12.831-12.949 min, 20 scans) V2503120.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503120.D

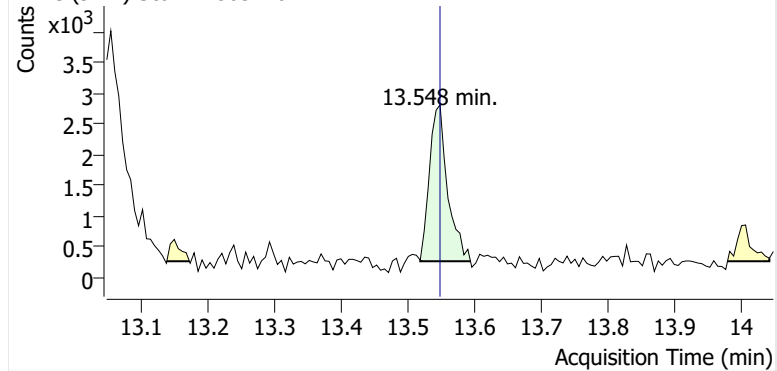


+ Scan (13.015-13.137 min, 20 scans) V2503120.D

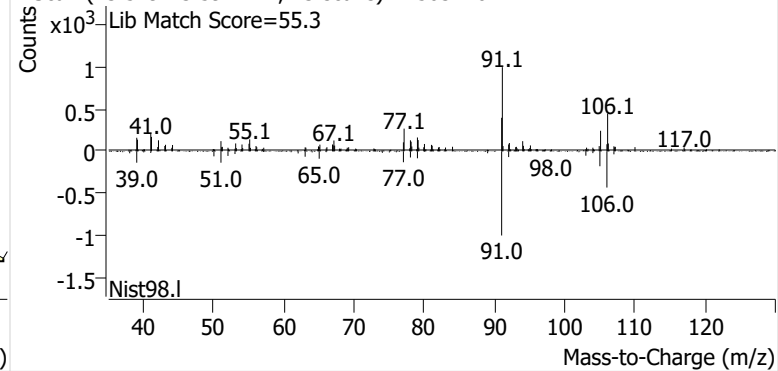


o-Xylene

+ EIC (91.1) Scan V2503120.D

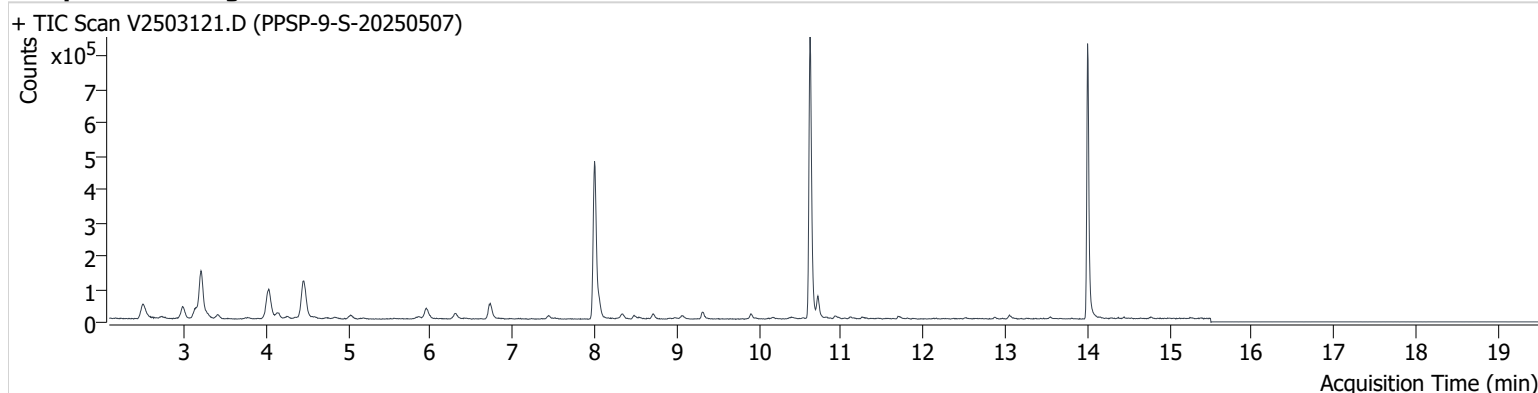


+ Scan (13.519-13.594 min, 13 scans) V2503120.D



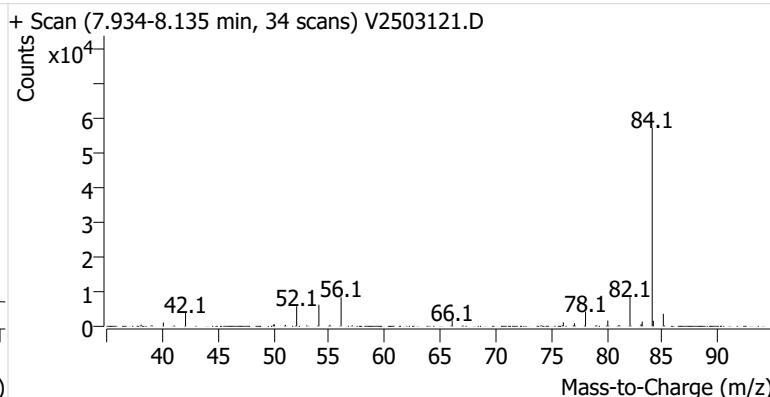
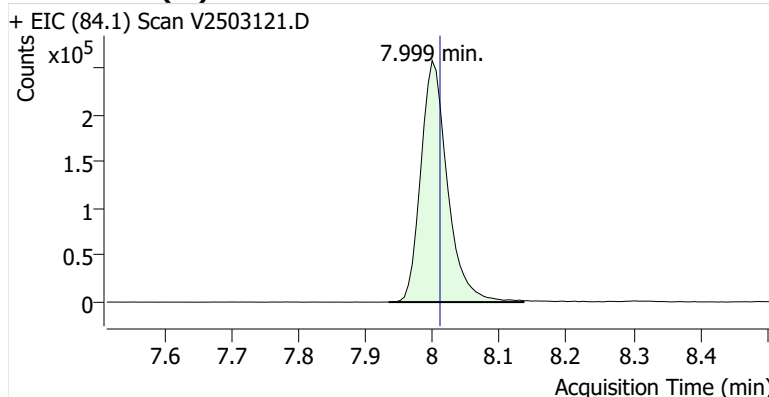
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Comment C38579
Data File V2503121.D
Acq. Date-Time 5/24/2025 12:41:15 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

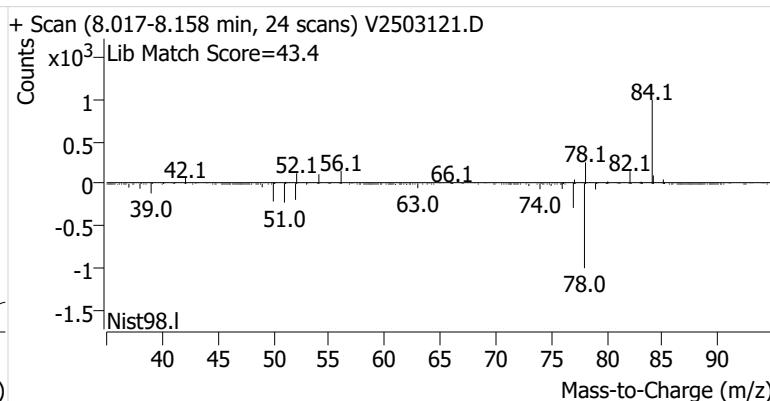
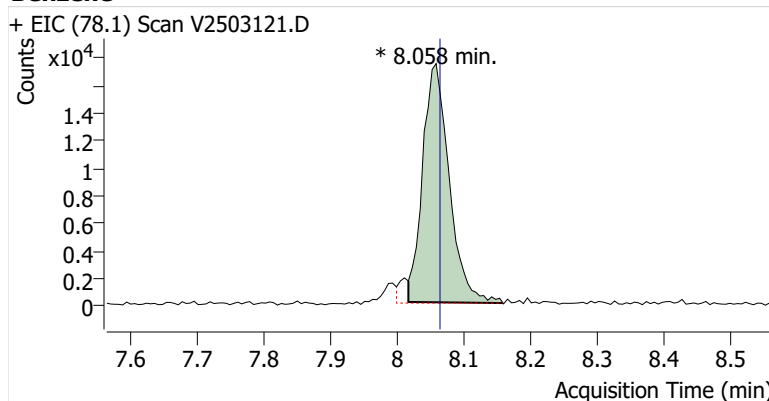


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	713,017	
Benzene	Benzene-d6 (IS)	8.058	8.064	47,953	m
Toluene-d8 (IS)		10.622	10.634	778,190	
Toluene	Toluene-d8 (IS)	10.717	10.723	56,908	
Ethylbenzene	Toluene-d8 (IS)	12.866	12.878	4,149	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	10,789	
o-Xylene	Toluene-d8 (IS)	13.537	13.548	3,833	

Benzene-d6 (IS)

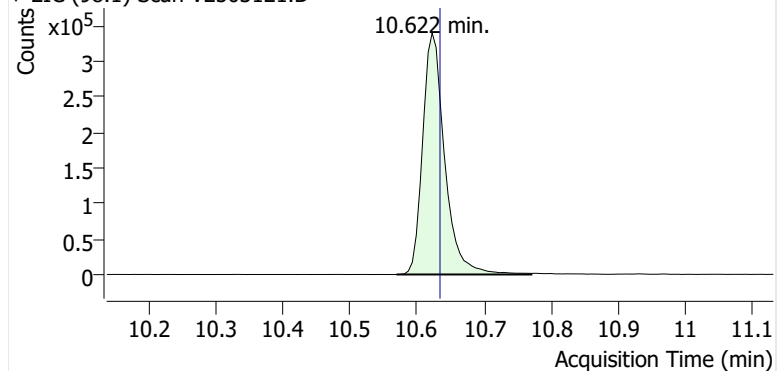


Benzene

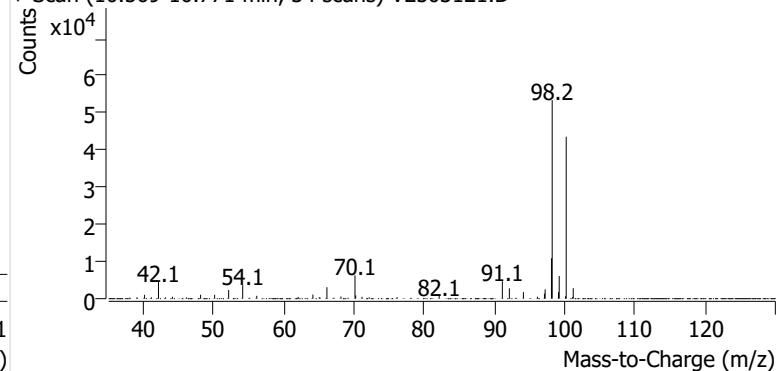


Toluene-d8 (IS)

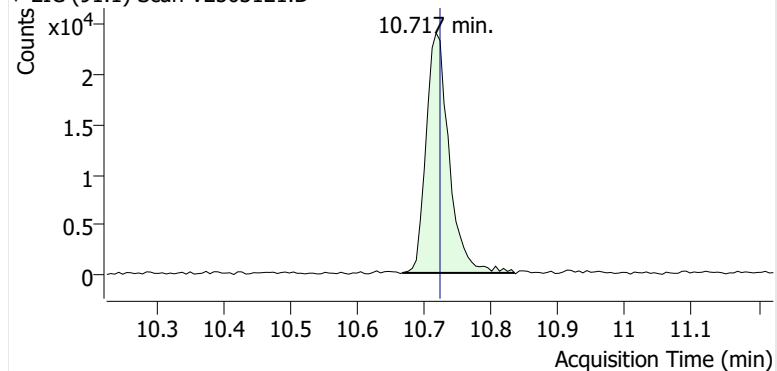
+ EIC (98.1) Scan V2503121.D



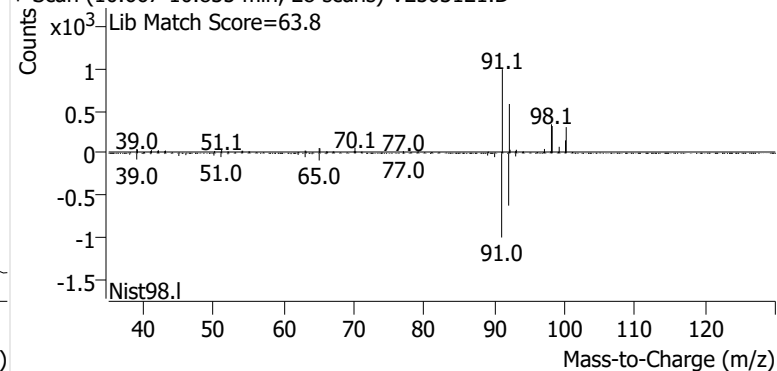
+ Scan (10.569-10.771 min, 34 scans) V2503121.D

**Toluene**

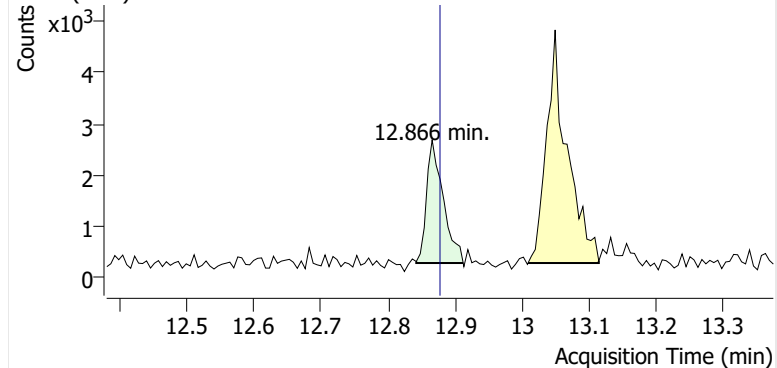
+ EIC (91.1) Scan V2503121.D



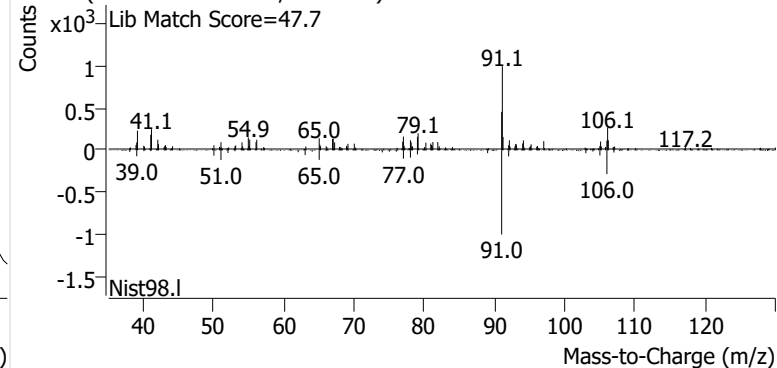
+ Scan (10.667-10.835 min, 28 scans) V2503121.D

**Ethylbenzene**

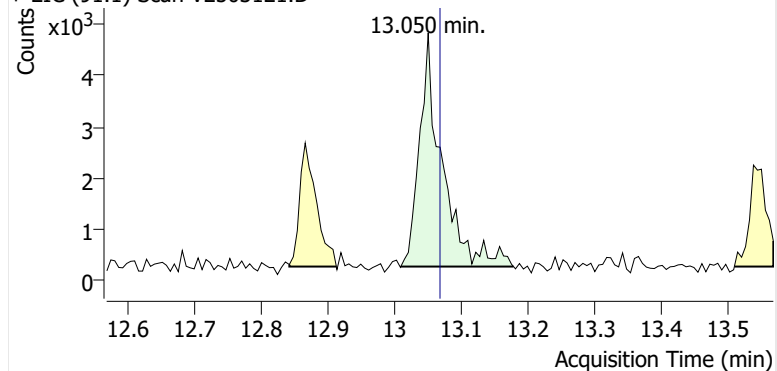
+ EIC (91.1) Scan V2503121.D



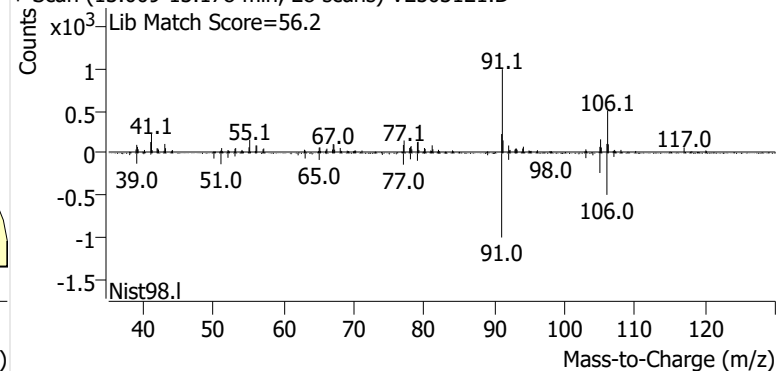
+ Scan (12.842-12.912 min, 12 scans) V2503121.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503121.D

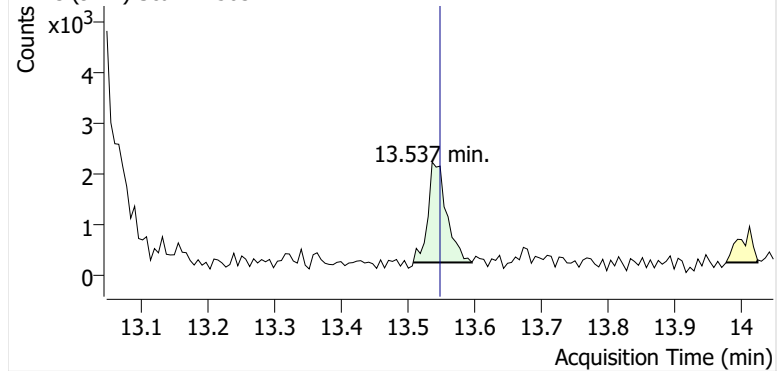


+ Scan (13.009-13.178 min, 28 scans) V2503121.D

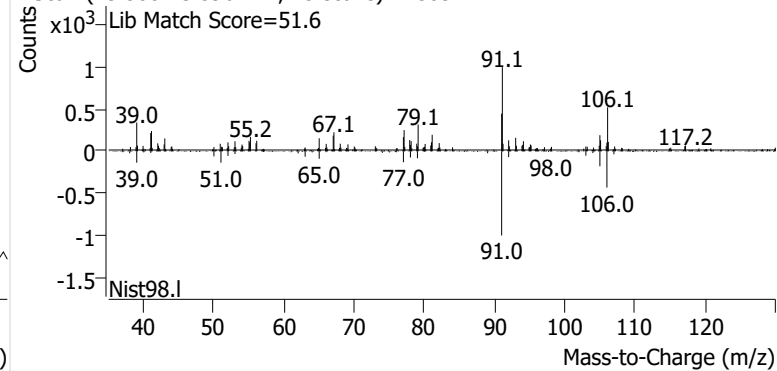


o-Xylene

+ EIC (91.1) Scan V2503121.D

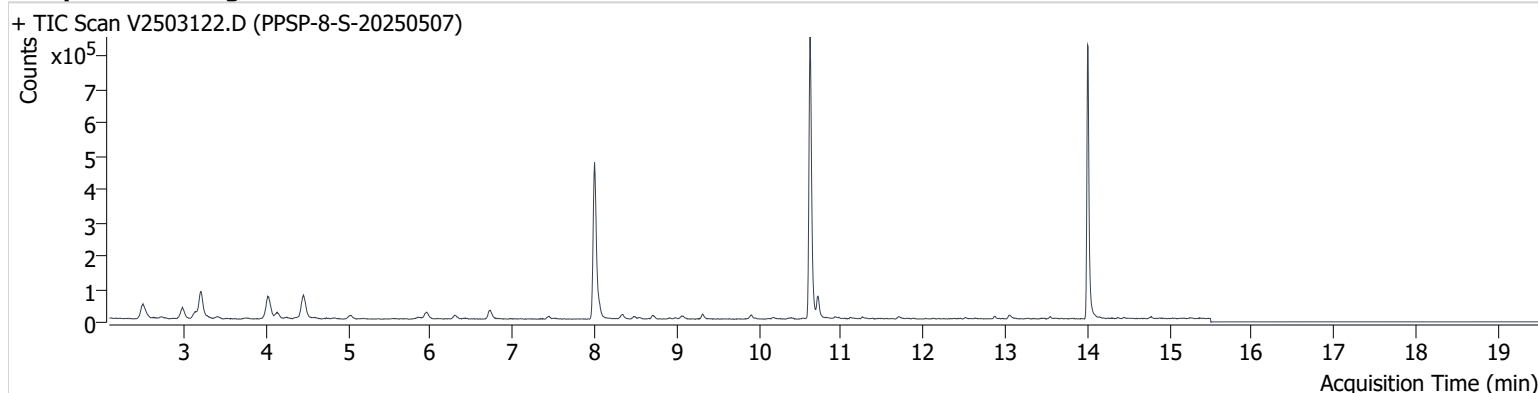


+ Scan (13.508-13.596 min, 15 scans) V2503121.D



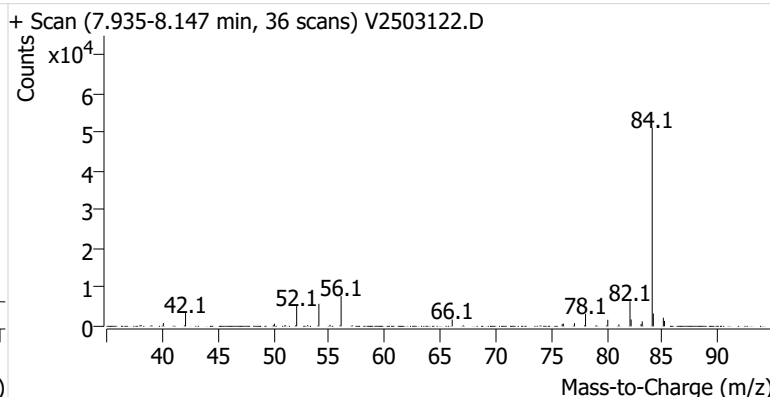
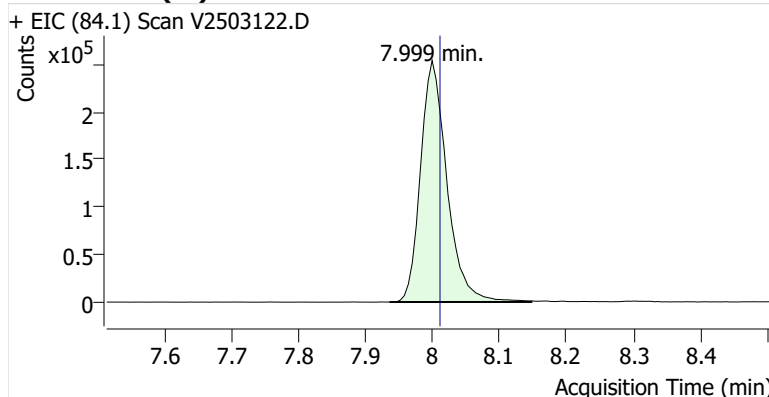
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Comment C31341
Data File V2503122.D
Acq. Date-Time 5/24/2025 1:22:27 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

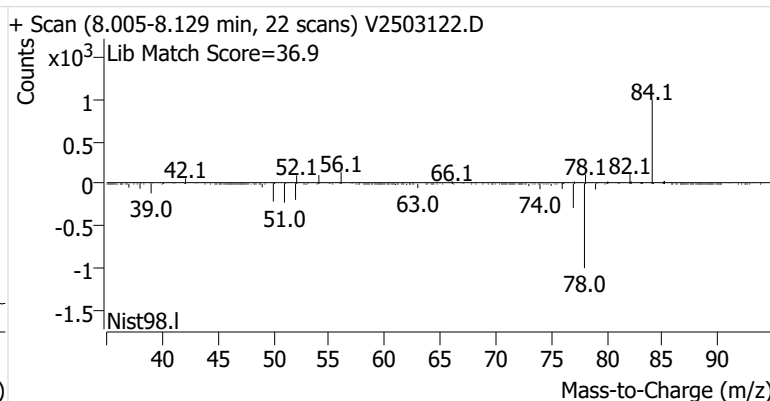
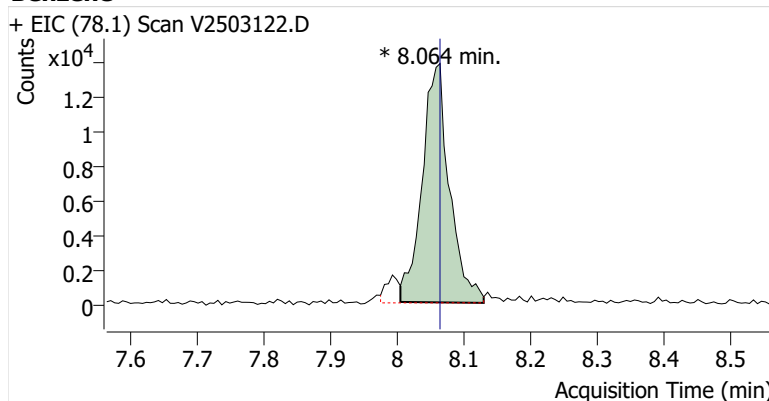


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	697,104	
Benzene	Benzene-d6 (IS)	8.064	8.064	39,222	m
Toluene-d8 (IS)		10.622	10.634	759,745	
Toluene	Toluene-d8 (IS)	10.717	10.723	58,097	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	6,362	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	10,958	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	4,370	

Benzene-d6 (IS)

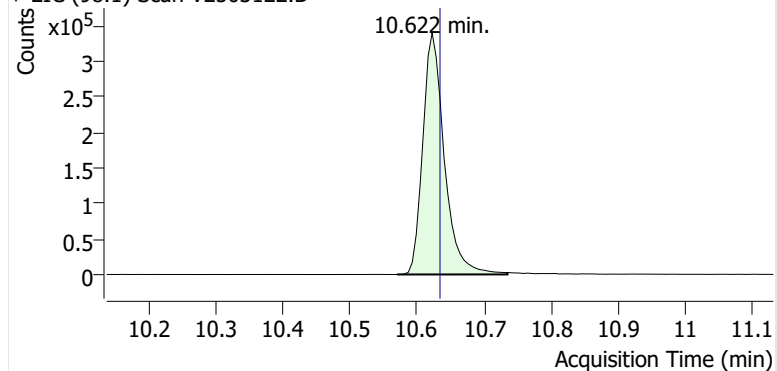


Benzene

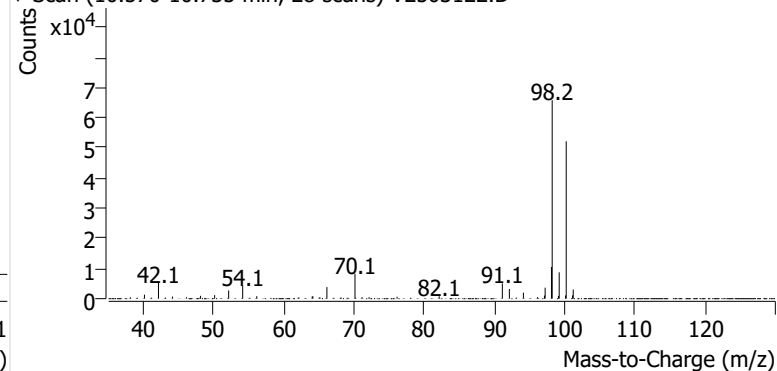


Toluene-d8 (IS)

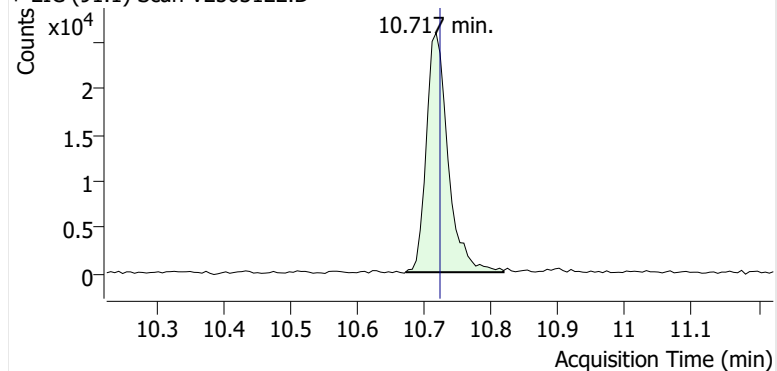
+ EIC (98.1) Scan V2503122.D



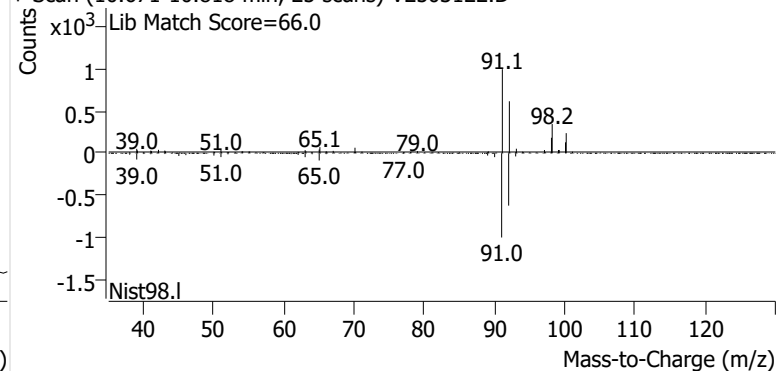
+ Scan (10.570-10.735 min, 28 scans) V2503122.D

**Toluene**

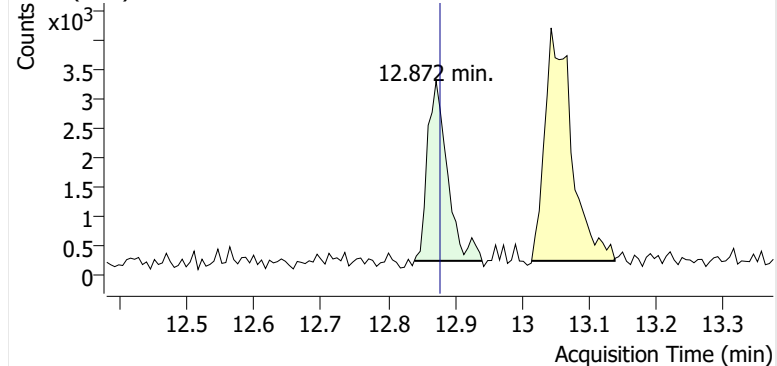
+ EIC (91.1) Scan V2503122.D



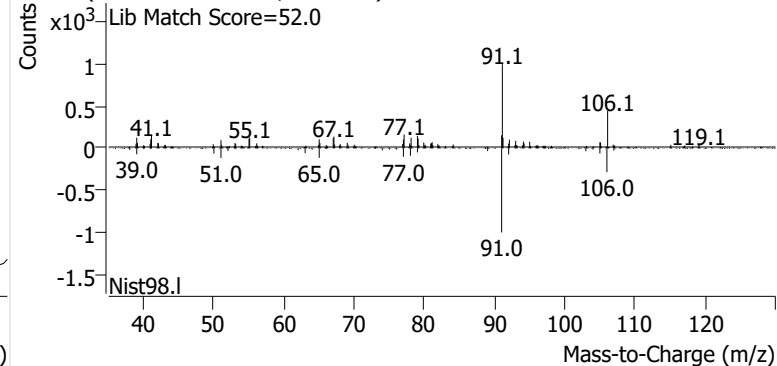
+ Scan (10.671-10.818 min, 25 scans) V2503122.D

**Ethylbenzene**

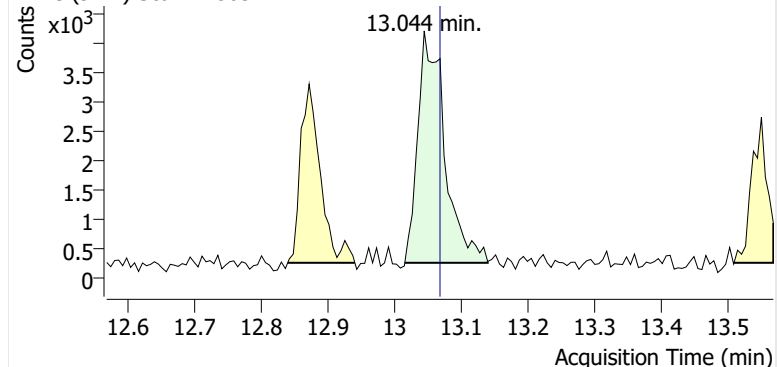
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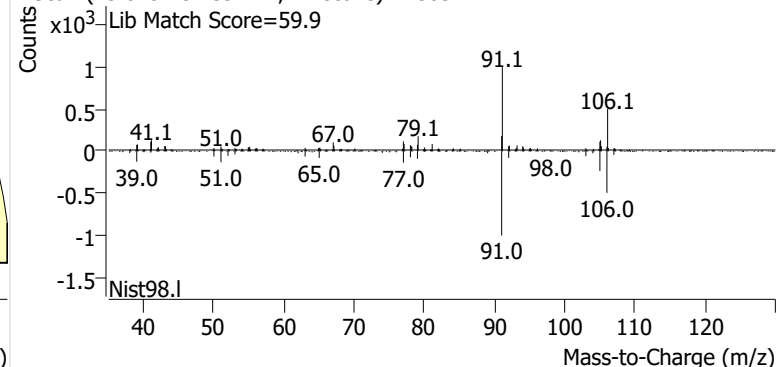
+ Scan (12.839-12.941 min, 17 scans) V2503122.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503122.D

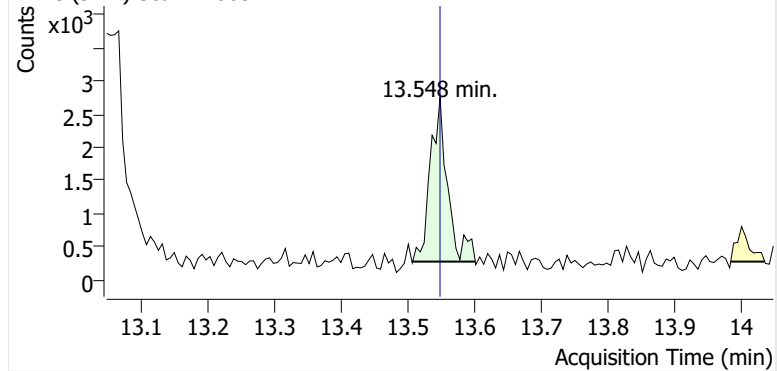


+ Scan (13.015-13.139 min, 21 scans) V2503122.D

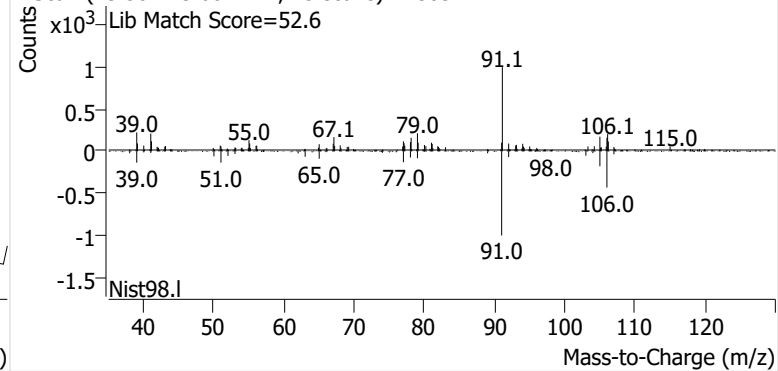


o-Xylene

+ EIC (91.1) Scan V2503122.D

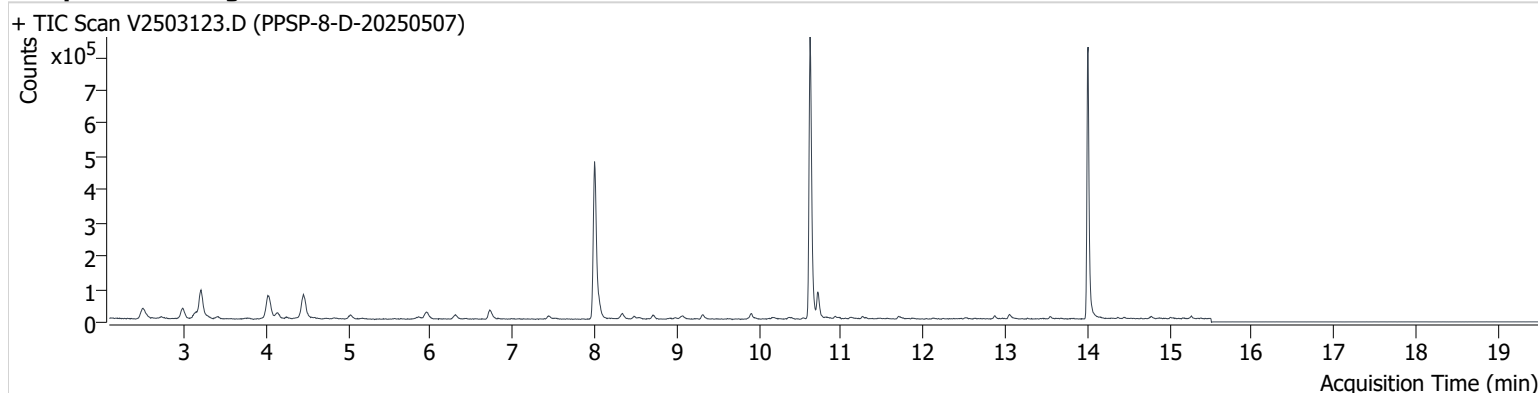


+ Scan (13.507-13.601 min, 15 scans) V2503122.D



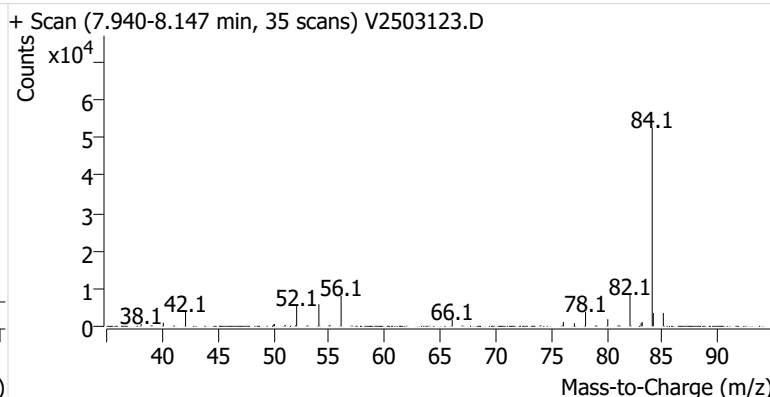
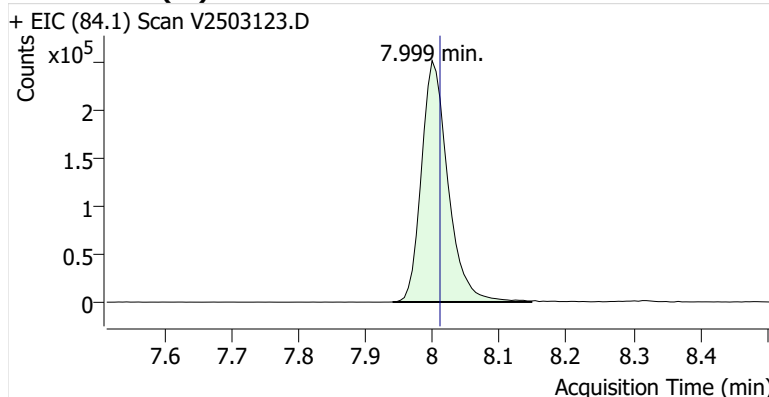
Name PPSP-8-D-20250507
Comment B15755
Data File V2503123.D
Acq. Date-Time 5/24/2025 2:03:39 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

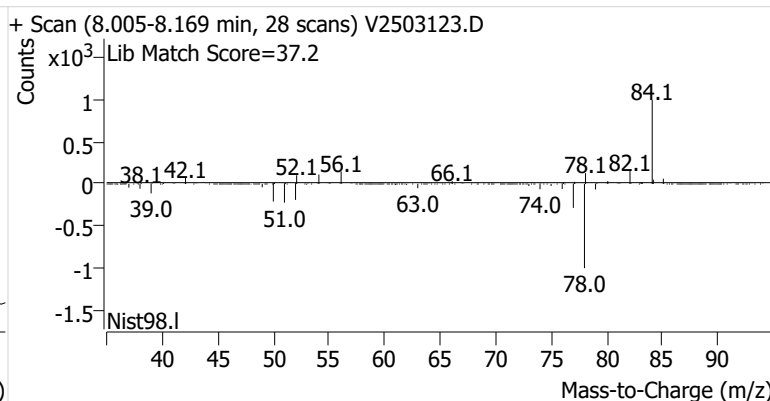
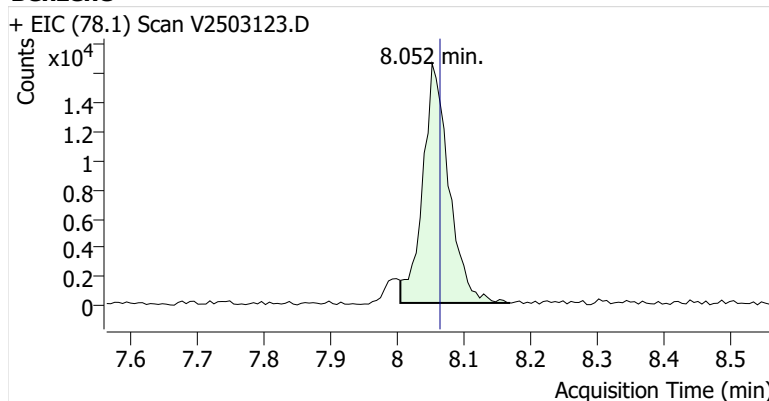


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.999	8.011	697,451	
Benzene	Benzene-d6 (IS)	8.052	8.064	44,879	
Toluene-d8 (IS)		10.622	10.634	760,760	
Toluene	Toluene-d8 (IS)	10.717	10.723	70,247	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	7,556	
m-/p-Xylenes	Toluene-d8 (IS)	13.050	13.068	13,267	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	4,737	

Benzene-d6 (IS)

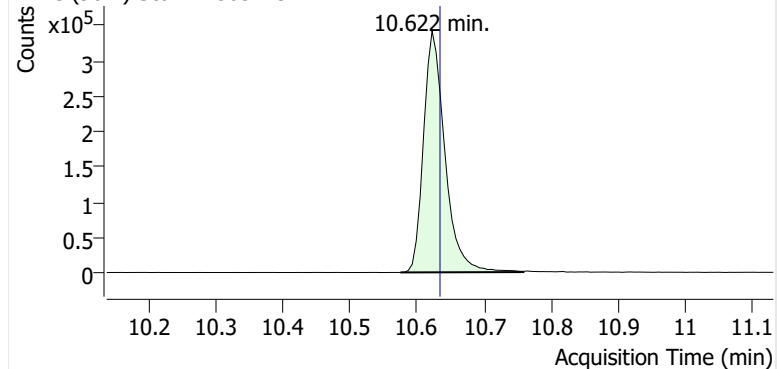


Benzene

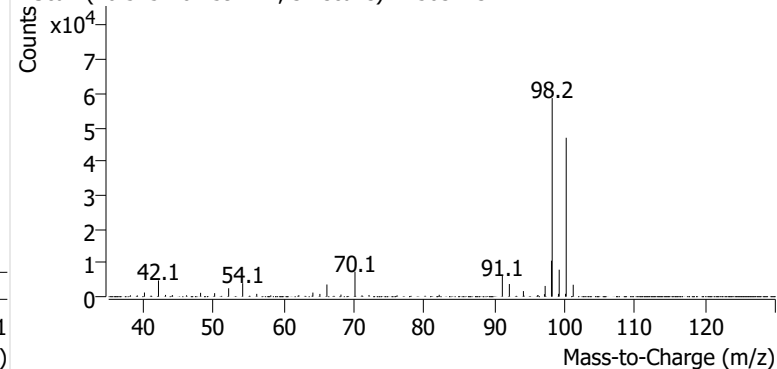


Toluene-d8 (IS)

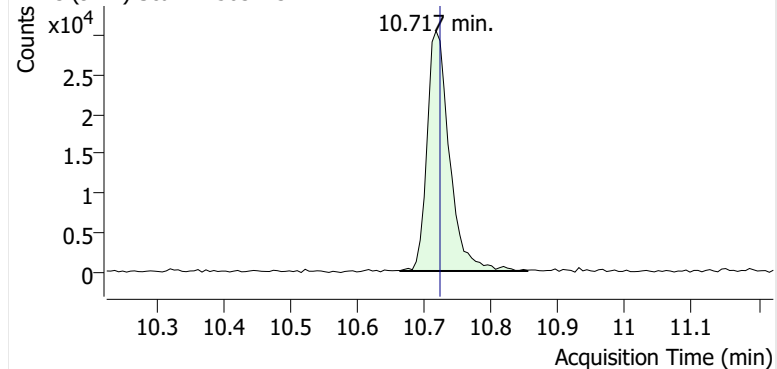
+ EIC (98.1) Scan V2503123.D



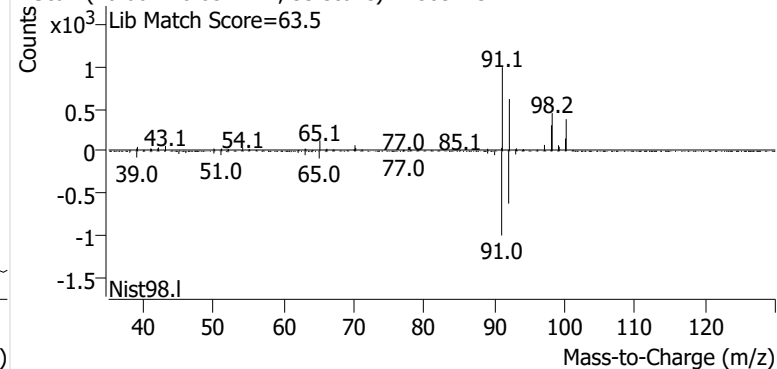
+ Scan (10.575-10.759 min, 31 scans) V2503123.D

**Toluene**

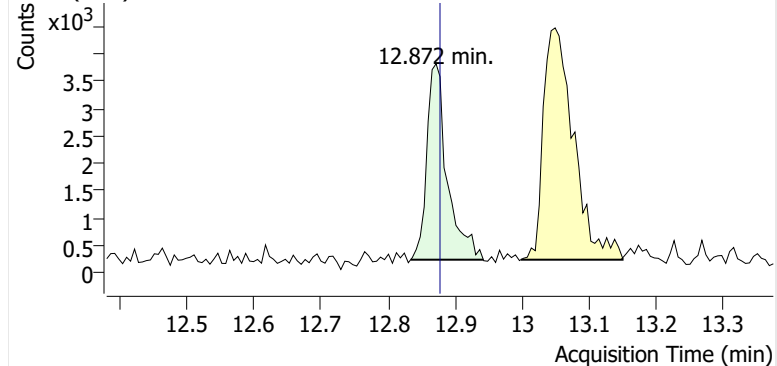
+ EIC (91.1) Scan V2503123.D



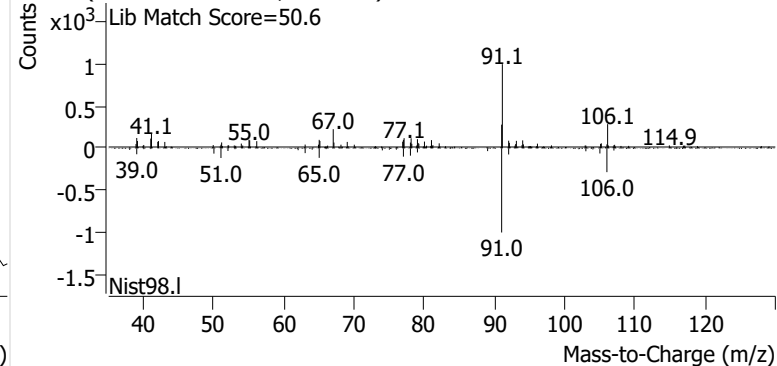
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**Ethylbenzene**

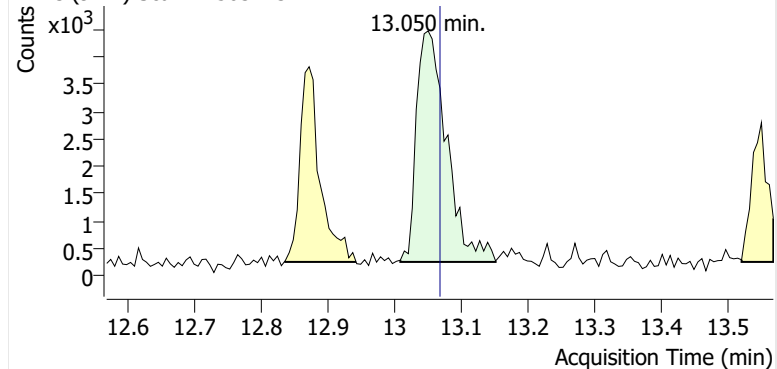
+ EIC (91.1) Scan V2503123.D



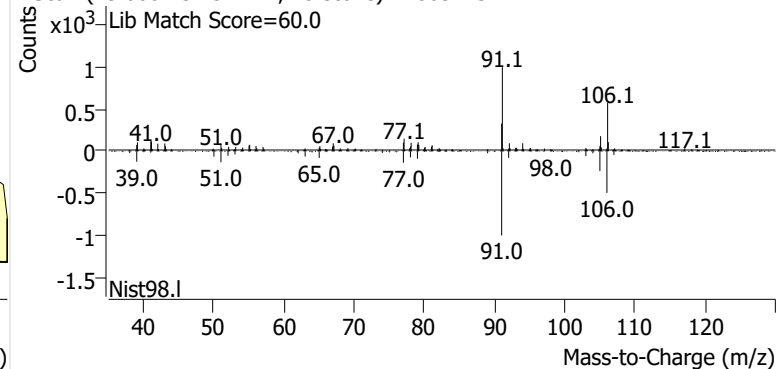
+ Scan (12.834-12.942 min, 18 scans) V2503123.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503123.D

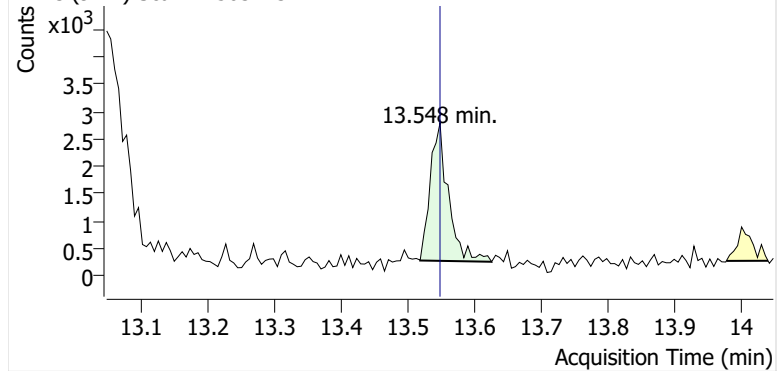


+ Scan (13.008-13.151 min, 25 scans) V2503123.D

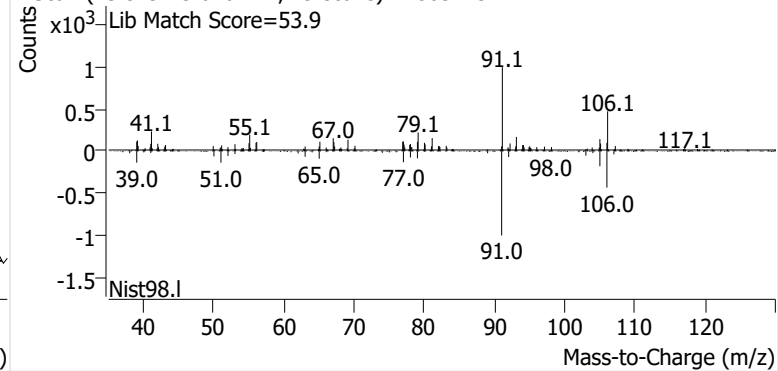


o-Xylene

+ EIC (91.1) Scan V2503123.D

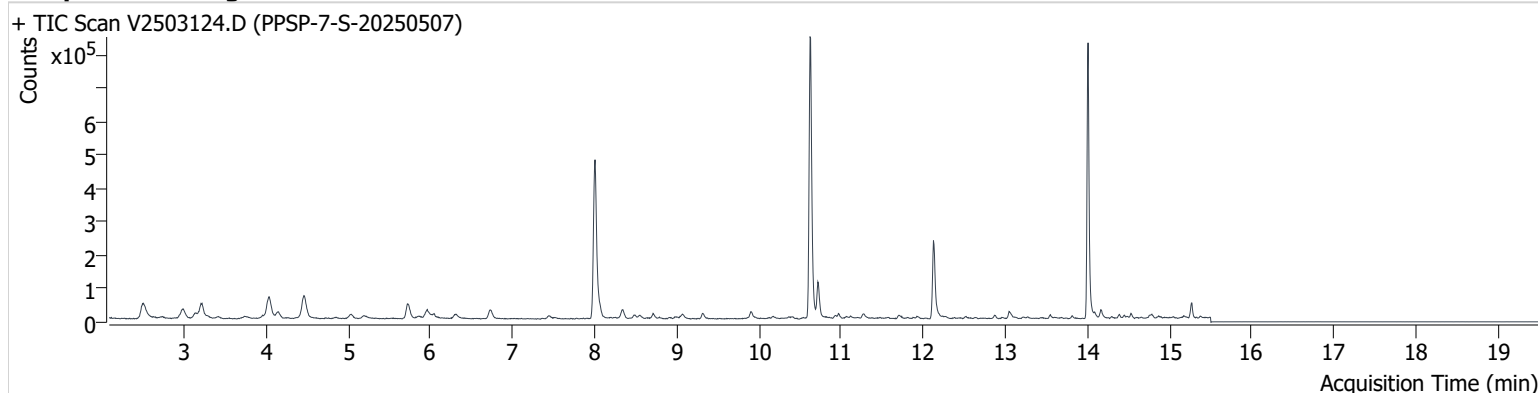


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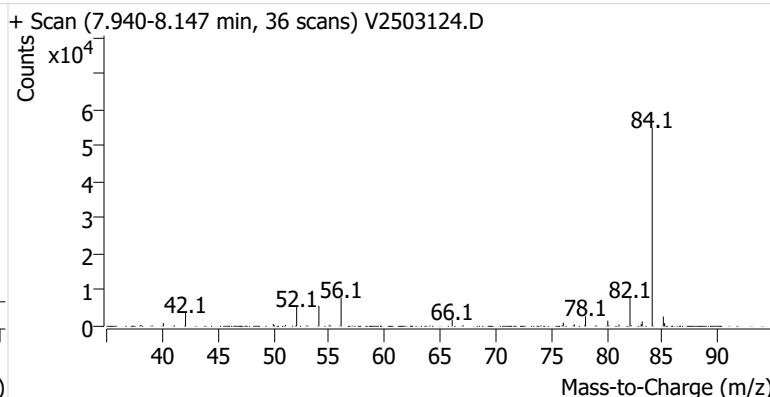
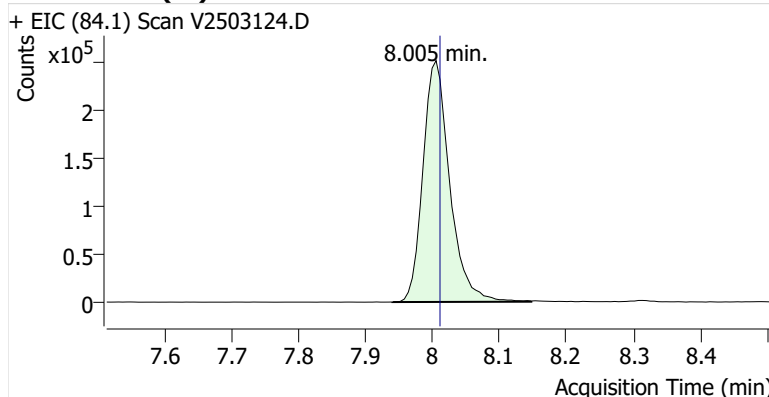
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Comment C57467
Data File V2503124.D
Acq. Date-Time 5/24/2025 2:44:59 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

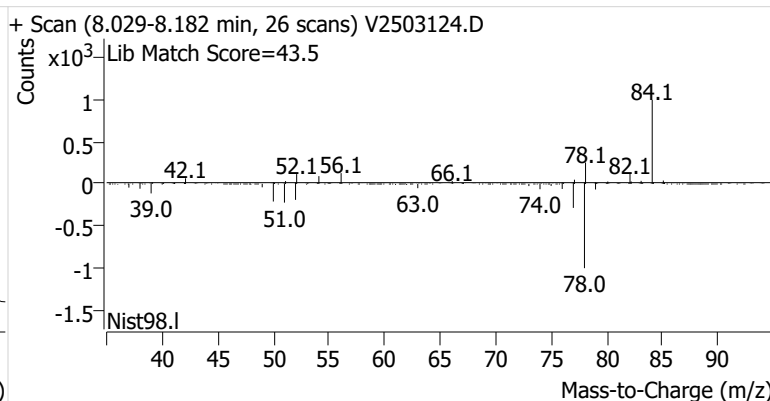
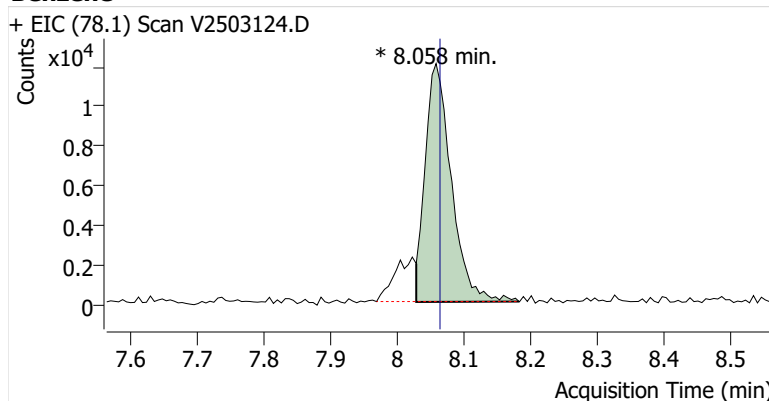


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.005	8.011	703,072	
Benzene	Benzene-d6 (IS)	8.058	8.064	32,708	m
Toluene-d8 (IS)		10.622	10.634	767,214	
Toluene	Toluene-d8 (IS)	10.717	10.723	96,383	
Ethylbenzene	Toluene-d8 (IS)	12.872	12.878	8,168	
m-/p-Xylenes	Toluene-d8 (IS)	13.044	13.068	20,593	
o-Xylene	Toluene-d8 (IS)	13.548	13.548	8,442	

Benzene-d6 (IS)

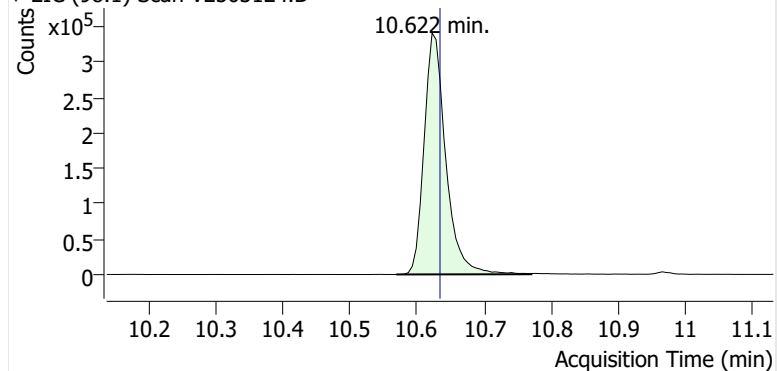


Benzene

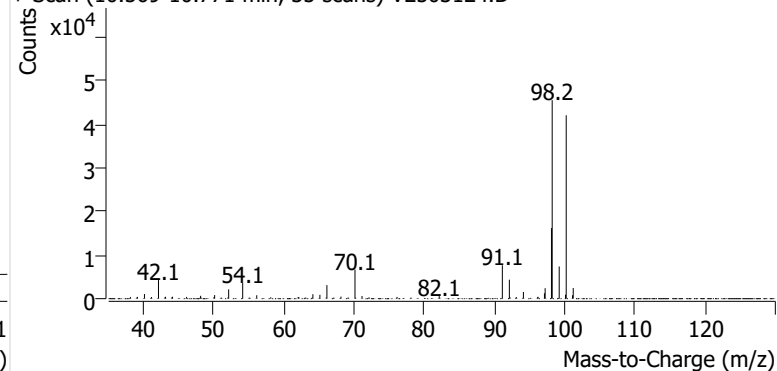


Toluene-d8 (IS)

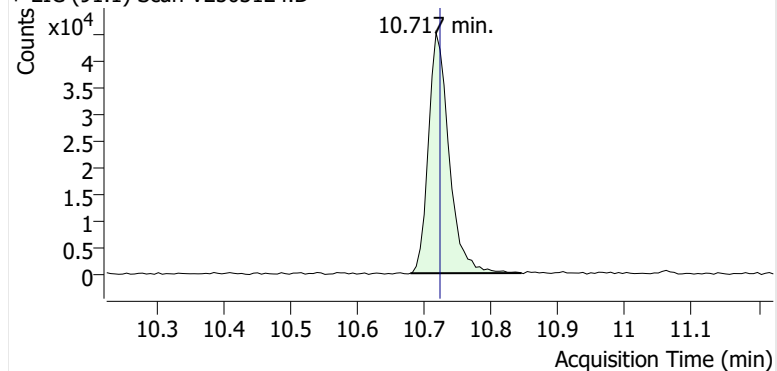
+ EIC (98.1) Scan V2503124.D



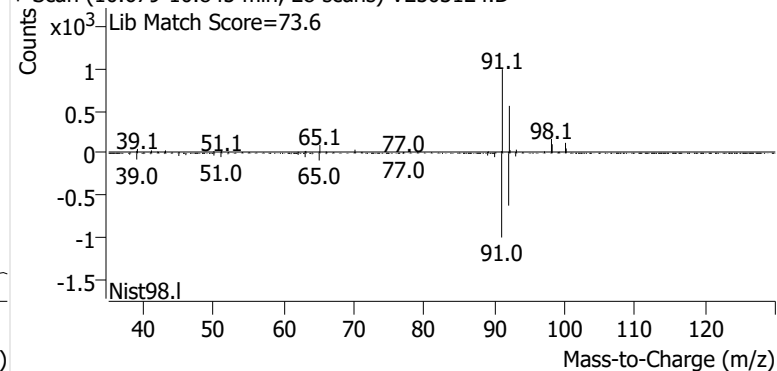
+ Scan (10.569-10.771 min, 35 scans) V2503124.D

**Toluene**

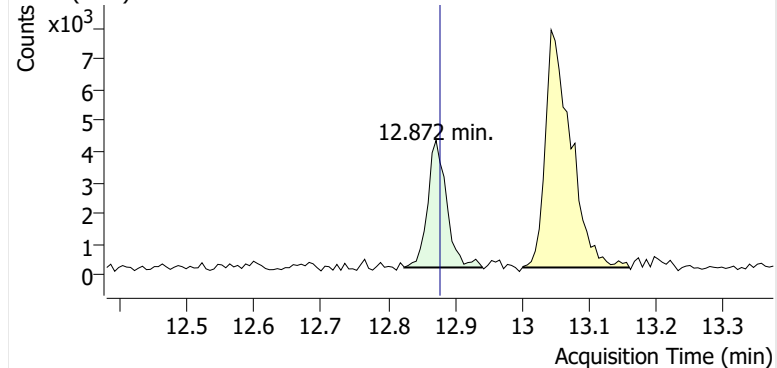
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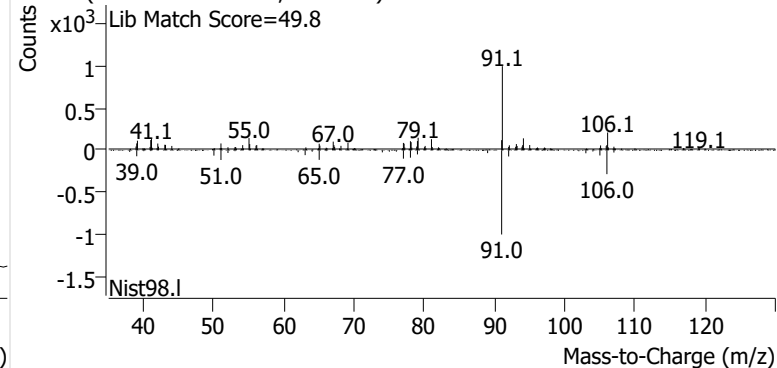
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**Ethylbenzene**

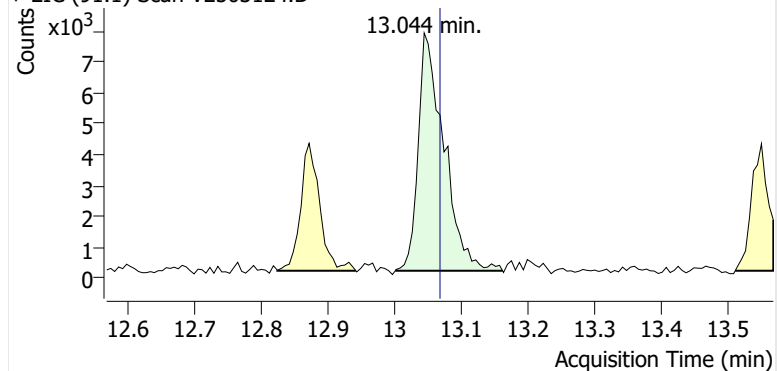
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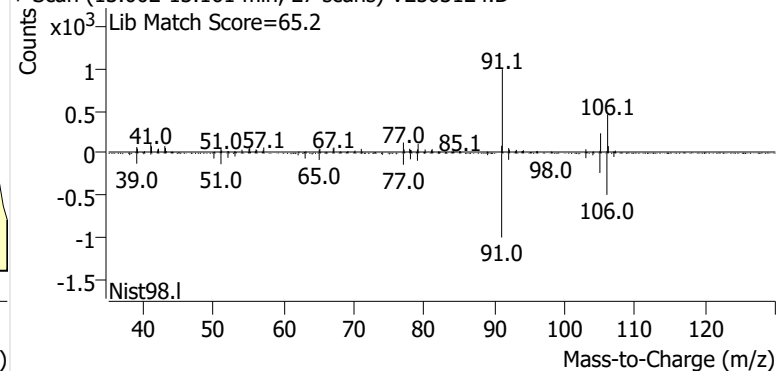
+ Scan (12.824-12.941 min, 20 scans) V2503124.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2503124.D

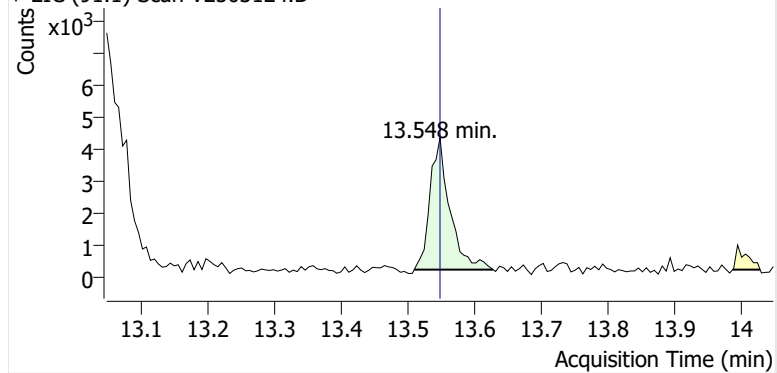


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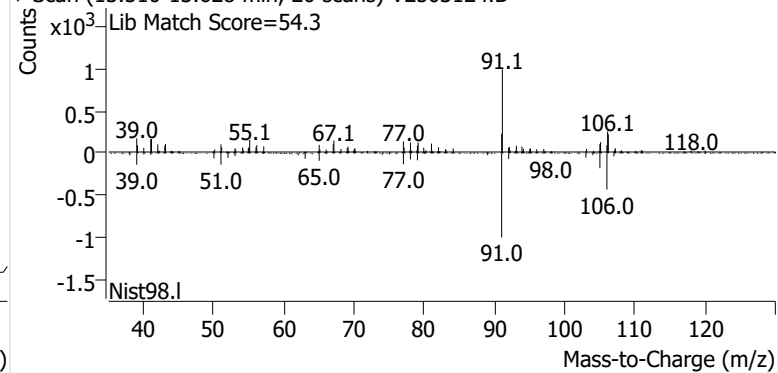


o-Xylene

+ EIC (91.1) Scan V2503124.D



+ Scan (13.510-13.628 min, 20 scans) V2503124.D



Calibration Summary Reports



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2503107.D	C32903	Cal	0.800	0.899	0.800	-11%	-15%		Pass	
2025FW204 Method Blank-1	V2503108.D	C20479	Blank		0.899	0.800			-1.6%	Pass	ND
M325B CCV 5 REC	V2503119.D	C40574	Check	0.789	0.899	0.800	-12%		2.2%	Pass	
M325B CCV 5 REC	V2503125.D	C33004	Check	0.812	0.899	0.800	-9.7%		1.9%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2503107.D	C32903	Cal	0.888	0.969	0.888	-8.3%	-14%		Pass	
2025FW204 Method Blank-1	V2503108.D	C20479	Blank		0.969	0.888			-1.9%	Pass	J
M325B CCV 5 REC	V2503119.D	C40574	Check	0.842	0.969	0.888	-13%		0.27%	Pass	
M325B CCV 5 REC	V2503125.D	C33004	Check	0.846	0.969	0.888	-13%		1.3%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2503107.D	C32903	Cal	0.961	1.132	0.961	-15%	-14%		Pass	
2025FW204 Method Blank-1	V2503108.D	C20479	Blank		1.132	0.961			-1.9%	Pass	ND
M325B CCV 5 REC	V2503119.D	C40574	Check	0.940	1.132	0.961	-17%		0.27%	Pass	
M325B CCV 5 REC	V2503125.D	C33004	Check	0.928	1.132	0.961	-18%		1.3%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2503107.D	C32903	Cal	0.827	0.939	0.827	-12%	-14%		Pass	
2025FW204 Method Blank-1	V2503108.D	C20479	Blank		0.939	0.827			-1.9%	Pass	ND
M325B CCV 5 REC	V2503119.D	C40574	Check	0.810	0.939	0.827	-14%		0.27%	Pass	
M325B CCV 5 REC	V2503125.D	C33004	Check	0.769	0.939	0.827	-18%		1.3%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2503107.D	C32903	Cal	0.781	0.938	0.781	-17%	-14%		Pass	
2025FW204 Method Blank-1	V2503108.D	C20479	Blank		0.938	0.781			-1.9%	Pass	ND
M325B CCV 5 REC	V2503119.D	C40574	Check	0.779	0.938	0.781	-17%		0.27%	Pass	
M325B CCV 5 REC	V2503125.D	C33004	Check	0.734	0.938	0.781	-22%		1.3%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	Benzene	1	V2501409.D	4.97	51375	90.3	897026	1.041	0.16
V030825A_CC252679	Benzene	2	V2501410.D	9.94	92048	90.3	887879	0.942	0.049
V030825A_CC252679	Benzene	3	V2501411.D	19.87	159953	90.3	804306	0.904	0.0057
V030825A_CC252679	Benzene	4	V2501412.D	39.74	345160	90.3	873251	0.898	-0.00057
V030825A_CC252679	Benzene	5	V2501413.D	99.35	838402	90.3	872117	0.874	-0.028
V030825A_CC252679	Benzene	6	V2501414.D	197.09	1443691	90.3	784970	0.843	-0.062
V030825A_CC252679	Benzene	7	V2501415.D	591.27	4501091	90.3	871464	0.789	-0.12
						Avg:	855859	0.899	
						%RSD:	5.1%	8.9%	
V030825A_CC252679	Toluene	1	V2501409.D	5.37	51323	105.3	944318	1.065	0.1
V030825A_CC252679	Toluene	2	V2501410.D	10.74	103625	105.3	941790	1.078	0.11
V030825A_CC252679	Toluene	3	V2501411.D	21.48	189526	105.3	929394	0.999	0.032
V030825A_CC252679	Toluene	4	V2501412.D	42.97	382306	105.3	926643	1.011	0.044
V030825A_CC252679	Toluene	5	V2501413.D	107.42	878537	105.3	936841	0.919	-0.051
V030825A_CC252679	Toluene	6	V2501414.D	213.11	1685539	105.3	932205	0.893	-0.078
V030825A_CC252679	Toluene	7	V2501415.D	639.32	4216480	105.3	854196	0.813	-0.16
						Avg:	923627	0.969	
						%RSD:	3.4%	10.0%	
V030825A_CC252679	Ethylbenzene	1	V2501409.D	5.16	56552	105.3	944318	1.221	0.079
V030825A_CC252679	Ethylbenzene	2	V2501410.D	10.33	115282	105.3	941790	1.248	0.1
V030825A_CC252679	Ethylbenzene	3	V2501411.D	20.65	217353	105.3	929394	1.192	0.053
V030825A_CC252679	Ethylbenzene	4	V2501412.D	41.30	439784	105.3	926643	1.210	0.069
V030825A_CC252679	Ethylbenzene	5	V2501413.D	103.26	934333	105.3	936841	1.017	-0.1
V030825A_CC252679	Ethylbenzene	6	V2501414.D	204.84	1822885	105.3	932205	1.005	-0.11
V030825A_CC252679	Ethylbenzene	7	V2501415.D	614.53	5133542	105.3	854196	1.030	-0.09
						Avg:	923627	1.132	
						%RSD:	3.4%	9.6%	
V030825A_CC252679	m-/p-Xylenes	1	V2501409.D	4.88	44177	105.3	944318	1.010	0.076
V030825A_CC252679	m-/p-Xylenes	2	V2501410.D	9.75	91273	105.3	941790	1.046	0.11
V030825A_CC252679	m-/p-Xylenes	3	V2501411.D	19.50	167928	105.3	929394	0.975	0.039
V030825A_CC252679	m-/p-Xylenes	4	V2501412.D	39.01	343601	105.3	926643	1.001	0.066
V030825A_CC252679	m-/p-Xylenes	5	V2501413.D	97.52	711938	105.3	936841	0.820	-0.13
V030825A_CC252679	m-/p-Xylenes	6	V2501414.D	193.46	1438949	105.3	932205	0.840	-0.11
V030825A_CC252679	m-/p-Xylenes	7	V2501415.D	580.39	4146185	105.3	854196	0.881	-0.062
						Avg:	923627	0.939	
						%RSD:	3.4%	9.6%	
V030825A_CC252679	o-Xylene	1	V2501409.D	5.09	47527	105.3	944318	1.042	0.11
V030825A_CC252679	o-Xylene	2	V2501410.D	10.17	96272	105.3	941790	1.058	0.13
V030825A_CC252679	o-Xylene	3	V2501411.D	20.34	174554	105.3	929394	0.972	0.036

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW204-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	o-Xylene	4	V2501412.D	40.69	367723	105.3	926643	1.027	0.095
V030825A_CC252679	o-Xylene	5	V2501413.D	101.71	750458	105.3	936841	0.829	-0.12
V030825A_CC252679	o-Xylene	6	V2501414.D	201.78	1431412	105.3	932205	0.801	-0.15
V030825A_CC252679	o-Xylene	7	V2501415.D	605.34	4102995	105.3	854196	0.835	-0.11
						Avg:	923627	0.938	
						%RSD:	3.4%	12.0%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V030825A_CC252679	Benzene	ICV	V2501430.D	64.10	534385	90.3	883925	0.852	-5.2%
V030825A_CC252679	Toluene	ICV	V2501430.D	76.45	657667	105.3	922228	0.982	1.4%
V030825A_CC252679	Ethylbenzene	ICV	V2501430.D	86.07	773477	105.3	922228	1.026	-9.4%
V030825A_CC252679	m-/p-Xylenes	ICV	V2501430.D	89.59	652372	105.3	922228	0.831	-11.0%
V030825A_CC252679	o-Xylene	ICV	V2501430.D	88.18	637721	105.3	922228	0.826	-12.0%

M325B PDF Report ver.20250429

**This Is The Last Page
Of This Report.**



Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 6/20/2025

Analytical Report 2025FW206

EPA Method 325B Analysis

Report Issue Date: 6/25/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Conor Toomey, QA Associate II



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Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW206-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on June 20, 2025 at 11.6 °C after being relinquished by Power Engineers, Inc.. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
PPSP-8-S-20250604	B19096	Sample
PPSP-9-S-20250604	B15412	Sample
PPSP-1-S-20250604	B46812	Sample
PPSP-1-B-20250604	B46311	Blank
PPSP-11-S-20250604	B47114	Sample
PPSP-5-S-20250604	B48208	Sample
PPSP-4-S-20250604	B50926	Sample
PPSP-6-S-20250604	B51053	Sample
PPSP-7-S-20250604	C00693	Sample
PPSP-3-S-20250604	C33447	Sample
PPSP-10-S-20250604	C43931	Sample
PPSP-8-D-20250604	C38585	Duplicate
PPSP-12-S-20250604	C38933	Sample
PPSP-13-S-20250604	C43546	Sample
PPSP-2-S-20250604	C56874	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-TD35 is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

3. Calibration

One of the daily BFB checks failed to meet method criteria for the relative response of m/z 175. Because m/z 175 is not near the tuning region of the quant ions for the target analytes and the continuing calibration checks met the 30% difference criteria, the deviation is not expected to have an effect on the data. All other BFB criteria have been met for this analysis.

The initial calibration (P041125A_CC252679) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW206-1
Client ID.	Site: Portland Pipeline - S Portland, ME

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample PPSP-8-S-20250604 (tube ID B19096) and its corresponding duplicate PPSP-8-D-20250604 (tube ID C38585) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged "P" for Toluene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250604	B51053	0.729	ND	0.834	P	ND		ND		ND	
PPSP-5-S-20250604	B48208	0.879		1.16	P	ND		ND		ND	
PPSP-4-S-20250604	B50926	0.730		2.18	P	ND		ND		ND	
PPSP-3-S-20250604	C33447	0.815		1.65	P	ND		0.370	J	ND	
PPSP-2-S-20250604	C56874	0.785		0.943	P	ND		0.278	J	ND	
PPSP-1-S-20250604	B46812	0.837		0.805	P	ND		ND		ND	
PPSP-1-B-20250604	B46311			ND,P		ND		ND		ND	
PPSP-13-S-20250604	C43546	0.714		2.45	P	ND		0.319	J	ND	
PPSP-12-S-20250604	C38933	0.745		1.14	P	ND		ND		ND	
PPSP-11-S-20250604	B47114	1.12		1.14	P	ND		ND		ND	
PPSP-10-S-20250604	C43931	1.08		0.989	P	ND		0.408	J	ND	
PPSP-9-S-20250604	B15412	1.27		1.45	P	ND		0.350	J	ND	
PPSP-8-S-20250604	B19096	0.783		0.989	P	ND		ND		ND	
PPSP-8-D-20250604	C38585	0.718		2.54	P	ND		0.317	J	ND	
PPSP-7-S-20250604	C00693	0.728		0.983	P	ND		ND		ND	

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250604	B51053	0.729	0.228	9.72	62.8	0.661	20172	0.187	0.372	0.0587	0.117		P2503899.D	2025-06-22 15:57	0.870	8.402	73482	784939	90.3	8.337	-6.7%
PPSP-5-S-20250604	B48208	0.879	0.275	11.7	62.8	0.661	20170	0.187	0.372	0.0587	0.117		P2503900.D	2025-06-22 16:34	0.870	8.391	92552	819794	90.3	8.337	-2.6%
PPSP-4-S-20250604	B50926	0.730	0.229	9.73	62.8	0.661	20167	0.188	0.372	0.0587	0.117		P2503901.D	2025-06-22 17:12	0.870	8.397	77930	831608	90.3	8.343	-1.2%
PPSP-3-S-20250604	C33447	0.815	0.255	10.9	62.8	0.661	20165	0.188	0.372	0.0587	0.117		P2503902.D	2025-06-22 17:50	0.870	8.396	83418	797299	90.3	8.343	-5.3%
PPSP-2-S-20250604	C56874	0.785	0.246	10.5	62.8	0.661	20161	0.188	0.372	0.0588	0.117		P2503903.D	2025-06-22 18:27	0.870	8.391	80262	795841	90.3	8.337	-5.4%
PPSP-1-S-20250604	B46812	0.837	0.262	11.2	62.8	0.661	20160	0.188	0.372	0.0588	0.117		P2503904.D	2025-06-22 19:04	0.870	8.391	84849	789294	90.3	8.337	-6.2%
PPSP-1-B-20250604	B46311				62.8	0.661	20160	0.188	0.372	0.0588	0.117	ND	P2503898.D	2025-06-22 15:20	0.870	8.343	5494	794238	90.3	8.337	-5.6%
PPSP-13-S-20250604	C43546	0.714	0.224	9.52	62.8	0.661	20158	0.188	0.372	0.0588	0.117		P2503905.D	2025-06-22 19:42	0.870	8.397	73552	802075	90.3	8.337	-4.7%
PPSP-12-S-20250604	C38933	0.745	0.233	9.92	62.8	0.661	20156	0.188	0.372	0.0588	0.117		P2503906.D	2025-06-22 20:19	0.870	8.397	75753	792319	90.3	8.337	-5.9%
PPSP-11-S-20250604	B47114	1.12	0.351	14.9	62.8	0.661	20154	0.188	0.372	0.0588	0.117		P2503907.D	2025-06-22 20:56	0.870	8.390	118666	824524	90.3	8.337	-2.0%
PPSP-10-S-20250604	C43931	1.08	0.338	14.4	62.8	0.661	20154	0.188	0.372	0.0588	0.117		P2503909.D	2025-06-22 22:11	0.870	8.390	109222	789413	90.3	8.343	-6.2%
PPSP-9-S-20250604	B15412	1.27	0.397	16.9	62.8	0.661	20154	0.188	0.372	0.0588	0.117		P2503910.D	2025-06-22 22:48	0.870	8.397	132182	811583	90.3	8.343	-3.6%
PPSP-8-S-20250604	B19096	0.783	0.245	10.4	62.7	0.661	20150	0.188	0.373	0.0588	0.117		P2503911.D	2025-06-22 23:25	0.870	8.391	79992	795973	90.3	8.331	-5.4%
PPSP-8-D-20250604	C38585	0.718	0.225	9.56	62.7	0.661	20150	0.188	0.373	0.0588	0.117		P2503940.D	2025-06-24 13:54	0.830	8.408	71250	810777	90.3	8.349	-7.1%
PPSP-7-S-20250604	C00693	0.728	0.228	9.69	62.7	0.661	20153	0.188	0.372	0.0588	0.117		P2503912.D	2025-06-23 00:06	0.870	8.390	73654	788834	90.3	8.337	-6.3%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250604	B51053	0.834	0.221	8.63	62.8	0.513	20172	0.242	0.518	0.0641	0.138	P	P2503899.D	2025-06-22 15:57	0.834	10.996	65674	961260	105.3	10.901	-5.5%
PPSP-5-S-20250604	B48208	1.16	0.308	12.0	62.8	0.513	20170	0.242	0.518	0.0641	0.138	P	P2503900.D	2025-06-22 16:34	0.834	10.996	92358	970077	105.3	10.901	-4.6%
PPSP-4-S-20250604	B50926	2.18	0.580	22.6	62.8	0.513	20167	0.242	0.519	0.0642	0.138	P	P2503901.D	2025-06-22 17:12	0.834	11.002	172517	964607	105.3	10.901	-5.2%
PPSP-3-S-20250604	C33447	1.65	0.437	17.0	62.8	0.513	20165	0.242	0.519	0.0642	0.138	P	P2503902.D	2025-06-22 17:50	0.834	11.002	131740	976635	105.3	10.907	-4.0%
PPSP-2-S-20250604	C56874	0.943	0.250	9.76	62.8	0.513	20161	0.242	0.519	0.0642	0.138	P	P2503903.D	2025-06-22 18:27	0.834	11.002	74839	968776	105.3	10.901	-4.7%
PPSP-1-S-20250604	B46812	0.805	0.214	8.32	62.8	0.513	20160	0.242	0.519	0.0642	0.138	P	P2503904.D	2025-06-22 19:04	0.834	10.996	63725	966793	105.3	10.901	-4.9%
PPSP-1-B-20250604	B46311				62.8	0.513	20160	0.242	0.519	0.0642	0.138	ND,P	P2503898.D	2025-06-22 15:20	0.834	11.008	5054	990382	105.3	10.901	-2.6%
PPSP-13-S-20250604	C43546	2.45	0.650	25.3	62.8	0.513	20158	0.242	0.519	0.0642	0.138	P	P2503905.D	2025-06-22 19:42	0.834	11.002	195819	976004	105.3	10.907	-4.0%
PPSP-12-S-20250604	C38933	1.14	0.304	11.8	62.8	0.513	20156	0.242	0.519	0.0642	0.138	P	P2503906.D	2025-06-22 20:19	0.834	10.990	88291	941848	105.3	10.901	-7.4%
PPSP-11-S-20250604	B47114	1.14	0.303	11.8	62.8	0.513	20154	0.242	0.519	0.0642	0.138	P	P2503907.D	2025-06-22 20:56	0.834	10.996	90736	970661	105.3	10.901	-4.6%
PPSP-10-S-20250604	C43931	0.989	0.263	10.2	62.8	0.513	20154	0.242	0.519	0.0642	0.138	P	P2503909.D	2025-06-22 22:11	0.834	10.996	78959	974707	105.3	10.901	-4.2%
PPSP-9-S-20250604	B15412	1.45	0.385	15.0	62.8	0.513	20154	0.242	0.519	0.0642	0.138	P	P2503910.D	2025-06-22 22:48	0.834	10.990	116567	981885	105.3	10.901	-3.5%
PPSP-8-S-20250604	B19096	0.989	0.263	10.2	62.7	0.513	20150	0.242	0.519	0.0642	0.138	P	P2503911.D	2025-06-22 23:25	0.834	10.990	78087	964621	105.3	10.901	-5.2%
PPSP-8-D-20250604	C38585	2.54	0.675	26.3	62.7	0.513	20150	0.242	0.519	0.0642	0.138	P	P2503940.D	2025-06-24 13:54	0.892	11.008	214023	961249	105.3	10.913	-7.3%
PPSP-7-S-20250604	C00693	0.983	0.261	10.2	62.7	0.513	20153	0.242	0.519	0.0642	0.138	P	P2503912.D	2025-06-23 00:06	0.834	10.996	76755	954045	105.3	10.901	-6.2%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250604	B51053				62.8	0.454	20172	0.273	0.563	0.0629	0.130	ND	P2503899.D	2025-06-22 15:57	1.044	13.127	10089	961260	105.3	10.901	-5.5%
PPSP-5-S-20250604	B48208				62.8	0.454	20170	0.273	0.563	0.0629	0.130	ND	P2503900.D	2025-06-22 16:34	1.044	13.127	7817	970077	105.3	10.901	-4.6%
PPSP-4-S-20250604	B50926				62.8	0.454	20167	0.273	0.563	0.0629	0.130	ND	P2503901.D	2025-06-22 17:12	1.044	13.127	7785	964607	105.3	10.901	-5.2%

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250604	C33447				62.8	0.454	20165	0.273	0.564	0.0629	0.130	ND	P2503902.D	2025-06-22 17:50	1.044	13.127	21299	976635	105.3	10.907	-4.0%
PPSP-2-S-20250604	C56874				62.8	0.454	20161	0.273	0.564	0.0630	0.130	ND	P2503903.D	2025-06-22 18:27	1.044	13.127	7705	968776	105.3	10.901	-4.7%
PPSP-1-S-20250604	B46812				62.8	0.454	20160	0.273	0.564	0.0630	0.130	ND	P2503904.D	2025-06-22 19:04	1.044	13.115	8381	966793	105.3	10.901	-4.9%
PPSP-1-B-20250604	B46311				62.8	0.454	20160	0.273	0.564	0.0630	0.130	ND	P2503898.D	2025-06-22 15:20	1.044	12.967	0	990382	105.3	10.901	-2.6%
PPSP-13-S-20250604	C43546				62.8	0.454	20158	0.273	0.564	0.0630	0.130	ND	P2503905.D	2025-06-22 19:42	1.044	13.127	8475	976004	105.3	10.907	-4.0%
PPSP-12-S-20250604	C38933				62.8	0.454	20156	0.273	0.564	0.0630	0.130	ND	P2503906.D	2025-06-22 20:19	1.044	13.127	5943	941848	105.3	10.901	-7.4%
PPSP-11-S-20250604	B47114				62.8	0.454	20154	0.273	0.564	0.0630	0.130	ND	P2503907.D	2025-06-22 20:56	1.044	13.121	7753	970661	105.3	10.901	-4.6%
PPSP-10-S-20250604	C43931				62.8	0.454	20154	0.273	0.564	0.0630	0.130	ND	P2503909.D	2025-06-22 22:11	1.044	13.127	13573	974707	105.3	10.901	-4.2%
PPSP-9-S-20250604	B15412				62.8	0.454	20154	0.273	0.564	0.0630	0.130	ND	P2503910.D	2025-06-22 22:48	1.044	13.127	12557	981885	105.3	10.901	-3.5%
PPSP-8-S-20250604	B19096				62.7	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2503911.D	2025-06-22 23:25	1.044	13.121	7813	964621	105.3	10.901	-5.2%
PPSP-8-D-20250604	C38585				62.7	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2503940.D	2025-06-24 13:54	1.045	13.139	8918	961249	105.3	10.913	-7.3%
PPSP-7-S-20250604	C00693				62.7	0.454	20153	0.273	0.564	0.0630	0.130	ND	P2503912.D	2025-06-23 00:06	1.044	13.127	11533	954045	105.3	10.901	-6.2%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250604	B51053				62.8	0.454	20172	0.273	0.532	0.0629	0.123	ND	P2503899.D	2025-06-22 15:57	0.842	13.293	17579	961260	105.3	10.901	-5.5%
PPSP-5-S-20250604	B48208				62.8	0.454	20170	0.273	0.532	0.0629	0.123	ND	P2503900.D	2025-06-22 16:34	0.842	13.299	14014	970077	105.3	10.901	-4.6%
PPSP-4-S-20250604	B50926				62.8	0.454	20167	0.273	0.532	0.0629	0.123	ND	P2503901.D	2025-06-22 17:12	0.842	13.299	15681	964607	105.3	10.901	-5.2%
PPSP-3-S-20250604	C33447	0.370	0.0852	3.38	62.8	0.454	20165	0.273	0.532	0.0629	0.123	J	P2503902.D	2025-06-22 17:50	0.842	13.299	26407	976635	105.3	10.907	-4.0%
PPSP-2-S-20250604	C56874	0.278	0.0641	2.55	62.8	0.454	20161	0.273	0.532	0.0630	0.123	J	P2503903.D	2025-06-22 18:27	0.842	13.305	19707	968776	105.3	10.901	-4.7%
PPSP-1-S-20250604	B46812				62.8	0.454	20160	0.273	0.532	0.0630	0.123	ND	P2503904.D	2025-06-22 19:04	0.842	13.311	17417	966793	105.3	10.901	-4.9%
PPSP-1-B-20250604	B46311				62.8	0.454	20160	0.273	0.532	0.0630	0.123	ND	P2503898.D	2025-06-22 15:20	0.842	13.394	0	990382	105.3	10.901	-2.6%
PPSP-13-S-20250604	C43546	0.319	0.0734	2.92	62.8	0.454	20158	0.273	0.532	0.0630	0.123	J	P2503905.D	2025-06-22 19:42	0.842	13.293	22745	976004	105.3	10.907	-4.0%
PPSP-12-S-20250604	C38933				62.8	0.454	20156	0.273	0.532	0.0630	0.123	ND	P2503906.D	2025-06-22 20:19	0.842	13.305	11879	941848	105.3	10.901	-7.4%
PPSP-11-S-20250604	B47114				62.8	0.454	20154	0.273	0.533	0.0630	0.123	ND	P2503907.D	2025-06-22 20:56	0.842	13.305	14045	970661	105.3	10.901	-4.6%
PPSP-10-S-20250604	C43931	0.408	0.0939	3.73	62.8	0.454	20154	0.273	0.533	0.0630	0.123	J	P2503909.D	2025-06-22 22:11	0.842	13.293	29048	974707	105.3	10.901	-4.2%
PPSP-9-S-20250604	B15412	0.350	0.0807	3.20	62.8	0.454	20154	0.273	0.533	0.0630	0.123	J	P2503910.D	2025-06-22 22:48	0.842	13.305	25137	981885	105.3	10.901	-3.5%
PPSP-8-S-20250604	B19096				62.7	0.454	20150	0.273	0.533	0.0630	0.123	ND	P2503911.D	2025-06-22 23:25	0.842	13.317	17626	964621	105.3	10.901	-5.2%
PPSP-8-D-20250604	C38585	0.317	0.0730	2.90	62.7	0.454	20150	0.273	0.533	0.0630	0.123	J	P2503940.D	2025-06-24 13:54	0.761	13.305	20109	961249	105.3	10.913	-7.3%
PPSP-7-S-20250604	C00693				62.7	0.454	20153	0.273	0.533	0.0630	0.123	ND	P2503912.D	2025-06-23 00:06	0.842	13.299	18122	954045	105.3	10.901	-6.2%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250604	B51053				62.8	0.454	20172	0.273	0.555	0.0629	0.128	ND	P2503899.D	2025-06-22 15:57	0.840	13.798	6555	961260	105.3	10.901	-5.5%
PPSP-5-S-20250604	B48208				62.8	0.454	20170	0.273	0.555	0.0629	0.128	ND	P2503900.D	2025-06-22 16:34	0.840	13.798	5787	970077	105.3	10.901	-4.6%
PPSP-4-S-20250604	B50926				62.8	0.454	20167	0.273	0.555	0.0629	0.128	ND	P2503901.D	2025-06-22 17:12	0.840	13.786	6345	964607	105.3	10.901	-5.2%
PPSP-3-S-20250604	C33447				62.8	0.454	20165	0.273	0.555	0.0629	0.128	ND	P2503902.D	2025-06-22 17:50	0.840	13.798	10936	976635	105.3	10.907	-4.0%
PPSP-2-S-20250604	C56874				62.8	0.454	20161	0.273	0.555	0.0630	0.128	ND	P2503903.D	2025-06-22 18:27	0.840	13.786	7783	968776	105.3	10.901	-4.7%
PPSP-1-S-20250604	B46812				62.8	0.454	20160	0.273	0.555	0.0630	0.128	ND	P2503904.D	2025-06-22 19:04	0.840	13.786	7812	966793	105.3	10.901	-4.9%

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250604	B46311				62.8	0.454	20160	0.273	0.555	0.0630	0.128	ND	P2503898.D	2025-06-22 15:20	0.840	14.237	0	990382	105.3	10.901	-2.6%
PPSP-13-S-20250604	C43546				62.8	0.454	20158	0.273	0.555	0.0630	0.128	ND	P2503905.D	2025-06-22 19:42	0.840	13.786	9041	976004	105.3	10.907	-4.0%
PPSP-12-S-20250604	C38933				62.8	0.454	20156	0.273	0.555	0.0630	0.128	ND	P2503906.D	2025-06-22 20:19	0.840	13.786	3383	941848	105.3	10.901	-7.4%
PPSP-11-S-20250604	B47114				62.8	0.454	20154	0.273	0.555	0.0630	0.128	ND	P2503907.D	2025-06-22 20:56	0.840	13.798	5884	970661	105.3	10.901	-4.6%
PPSP-10-S-20250604	C43931				62.8	0.454	20154	0.273	0.555	0.0630	0.128	ND	P2503909.D	2025-06-22 22:11	0.840	13.791	12326	974707	105.3	10.901	-4.2%
PPSP-9-S-20250604	B15412				62.8	0.454	20154	0.273	0.555	0.0630	0.128	ND	P2503910.D	2025-06-22 22:48	0.840	13.798	12888	981885	105.3	10.901	-3.5%
PPSP-8-S-20250604	B19096				62.7	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2503911.D	2025-06-22 23:25	0.840	13.798	5948	964621	105.3	10.901	-5.2%
PPSP-8-D-20250604	C38585				62.7	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2503940.D	2025-06-24 13:54	0.829	13.798	7037	961249	105.3	10.913	-7.3%
PPSP-7-S-20250604	C00693				62.7	0.454	20153	0.273	0.555	0.0630	0.128	ND	P2503912.D	2025-06-23 00:06	0.840	13.792	7897	954045	105.3	10.901	-6.2%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250604	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250604	8.7%	Pass	88%	Fail	ND	Pass	ND	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2503896.D	C43387	Cal	0.870	0.896	0.870	-2.9%	9.2%		Pass	
2025FW206 Method Blank-1	P2503897.D	C43267	Blank		0.896	0.870			-2.4%	Pass	ND
M325B CCV 5	P2503908.D	C01766	Check	0.830	0.896	0.870	-7.4%		-2.3%	Pass	
M325B CCV 5	P2503913.D	B43310	Check	0.854	0.896	0.870	-4.7%		-2.7%	Pass	
M325B CCV 5 REC	P2503939.D	C24130	Cal	0.830	0.896	0.830	-7.4%	13%	3.7%	Pass	
M325B CCV 5 REC	P2503941.D	C43334	Check	0.859	0.896	0.830	-4.1%		-0.55%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2503896.D	C43387	Cal	0.834	0.887	0.834	-6.0%	6.6%		Pass	
2025FW206 Method Blank-1	P2503897.D	C43267	Blank		0.887	0.834			-4.6%	Pass	ND
M325B CCV 5	P2503908.D	C01766	Check	0.847	0.887	0.834	-4.5%		-1.9%	Pass	
M325B CCV 5	P2503913.D	B43310	Check	0.861	0.887	0.834	-2.8%		-2.2%	Pass	
M325B CCV 5 REC	P2503939.D	C24130	Cal	0.892	0.887	0.892	0.60%	8.6%	1.9%	Pass	
M325B CCV 5 REC	P2503941.D	C43334	Check	0.887	0.887	0.892	0.068%		-3.2%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2503896.D	C43387	Cal	1.044	1.034	1.044	0.98%	6.6%		Pass	
2025FW206 Method Blank-1	P2503897.D	C43267	Blank		1.034	1.044			-4.6%	Pass	ND
M325B CCV 5	P2503908.D	C01766	Check	1.007	1.034	1.044	-2.6%		-1.9%	Pass	
M325B CCV 5	P2503913.D	B43310	Check	0.989	1.034	1.044	-4.3%		-2.2%	Pass	
M325B CCV 5 REC	P2503939.D	C24130	Cal	1.045	1.034	1.045	1.1%	8.6%	1.9%	Pass	
M325B CCV 5 REC	P2503941.D	C43334	Check	1.077	1.034	1.045	4.2%		-3.2%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2503896.D	C43387	Cal	0.842	0.792	0.842	6.3%	6.6%		Pass	
2025FW206 Method Blank-1	P2503897.D	C43267	Blank		0.792	0.842			-4.6%	Pass	ND
M325B CCV 5	P2503908.D	C01766	Check	0.808	0.792	0.842	2.1%		-1.9%	Pass	
M325B CCV 5	P2503913.D	B43310	Check	0.790	0.792	0.842	-0.28%		-2.2%	Pass	
M325B CCV 5 REC	P2503939.D	C24130	Cal	0.761	0.792	0.761	-3.9%	8.6%	1.9%	Pass	
M325B CCV 5 REC	P2503941.D	C43334	Check	0.777	0.792	0.761	-1.8%		-3.2%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW206-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

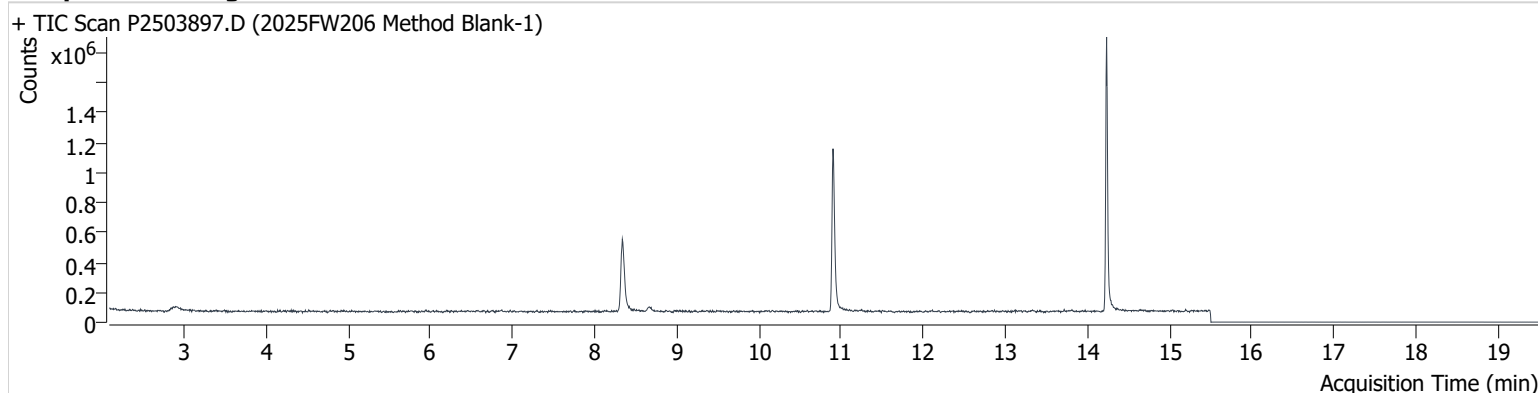
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICAL	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2503896.D	C43387	Cal	0.840	0.833	0.840	0.82%	6.6%		Pass	
2025FW206 Method Blank-1	P2503897.D	C43267	Blank		0.833	0.840			-4.6%	Pass	ND
M325B CCV 5	P2503908.D	C01766	Check	0.805	0.833	0.840	-3.5%		-1.9%	Pass	
M325B CCV 5	P2503913.D	B43310	Check	0.796	0.833	0.840	-4.5%		-2.2%	Pass	
M325B CCV 5 REC	P2503939.D	C24130	Cal	0.829	0.833	0.829	-0.50%	8.6%	1.9%	Pass	
M325B CCV 5 REC	P2503941.D	C43334	Check	0.847	0.833	0.829	1.6%		-3.2%	Pass	

Chromatograms

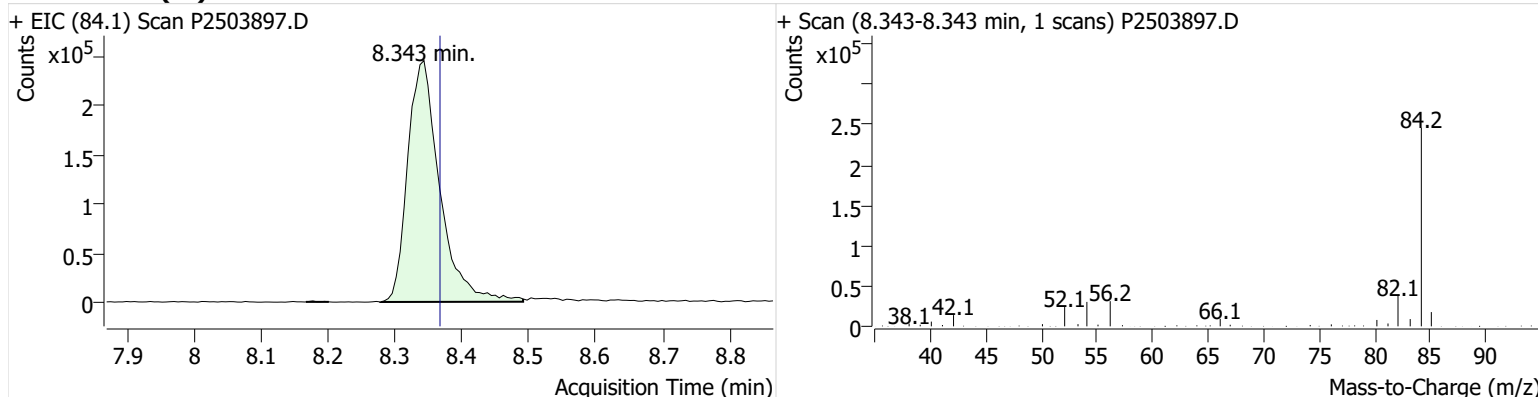
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Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

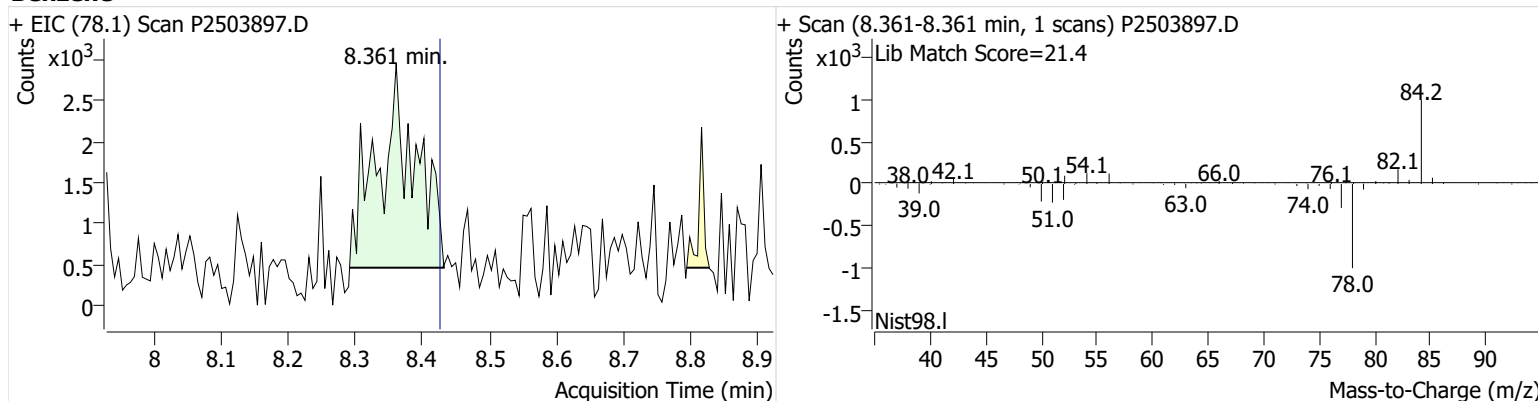


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	821,470	
Benzene	benzene-d6 (IS)	8.361	8.426	9,773	
Toluene-d8 (IS)		10.901	10.931	970,006	
Toluene	Toluene-d8 (IS)	11.002	11.020	5,929	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	2,817	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	4,031	
o-Xylene	Toluene-d8 (IS)	13.774	13.809	3,586	

benzene-d6 (IS)

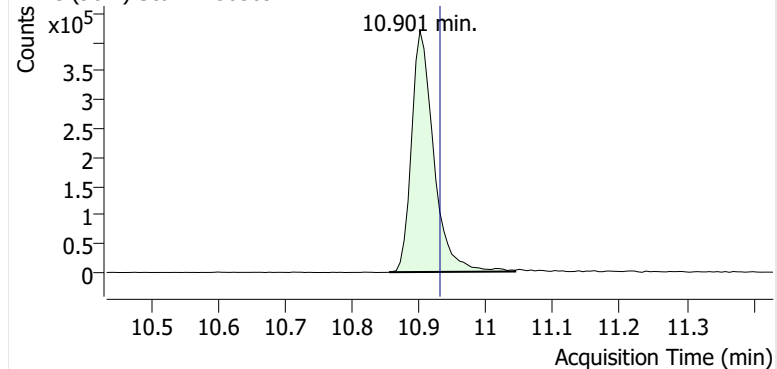


Benzene

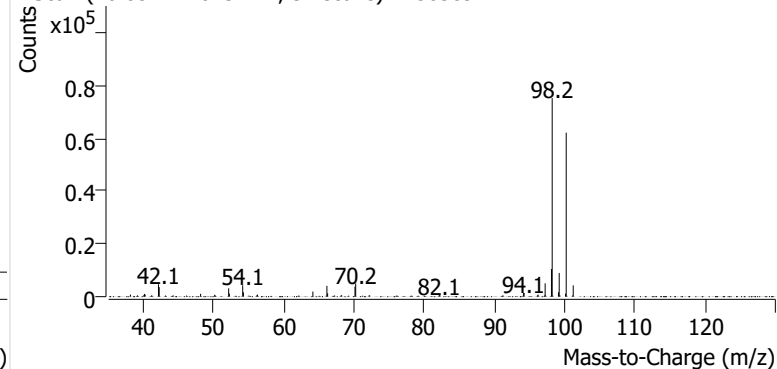


Toluene-d8 (IS)

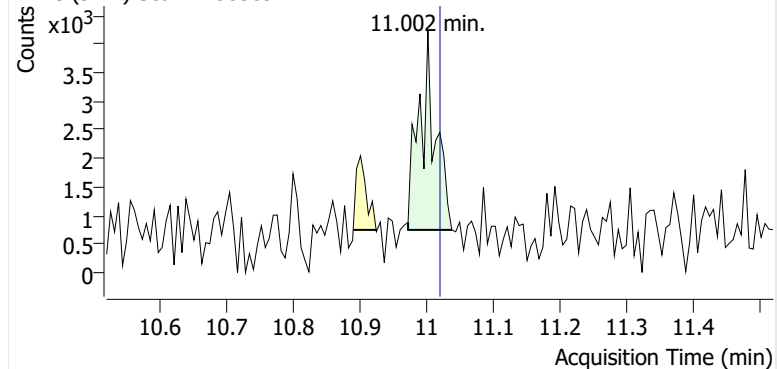
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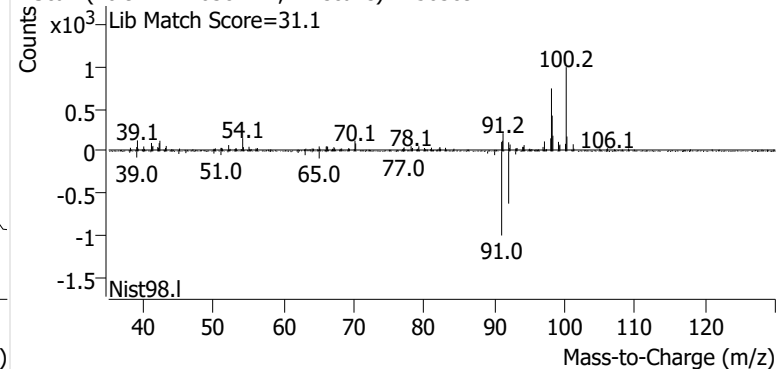
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**Toluene**

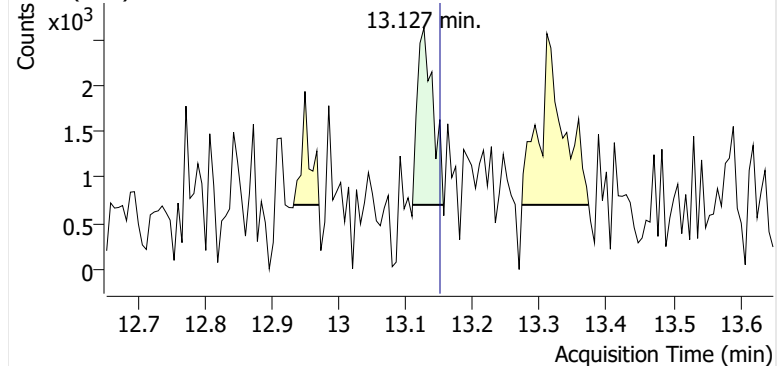
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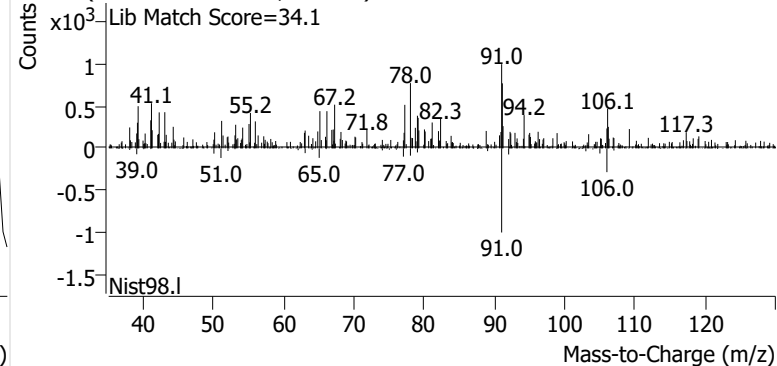
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**Ethylbenzene**

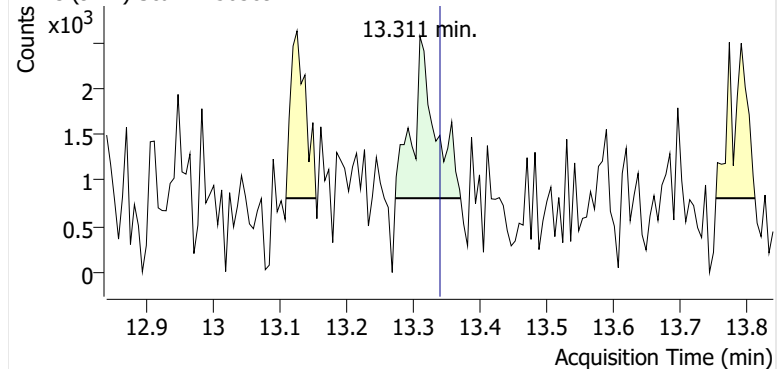
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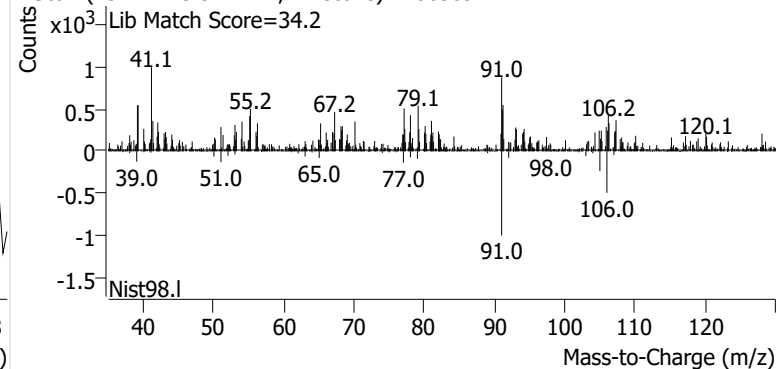
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**m-/p-Xylenes**

+ EIC (91.1) Scan P2503897.D

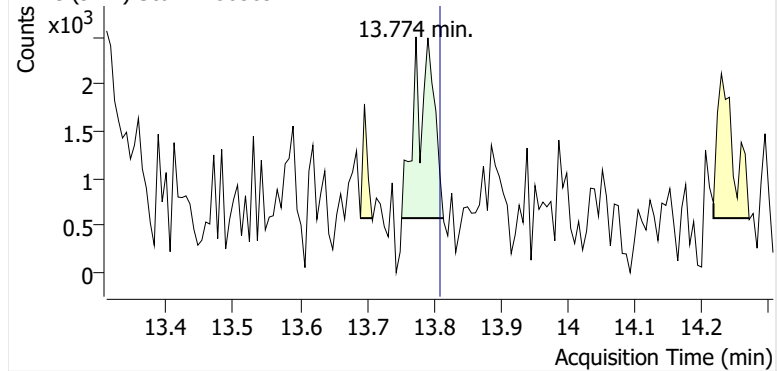


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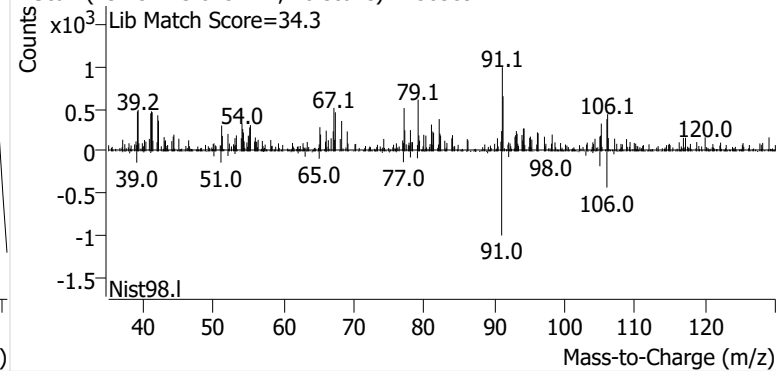


o-Xylene

+ EIC (91.1) Scan P2503897.D

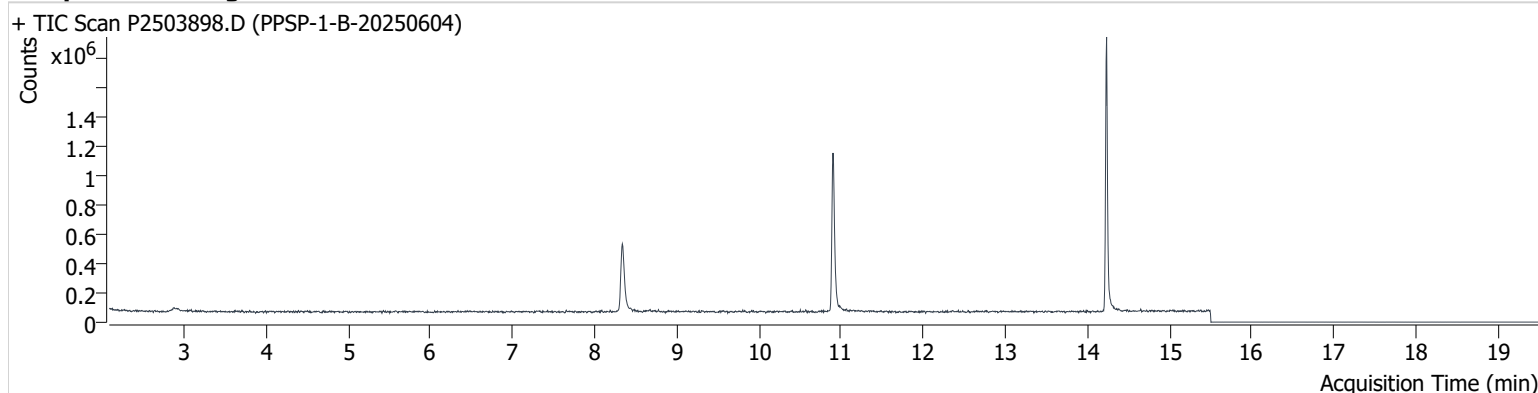


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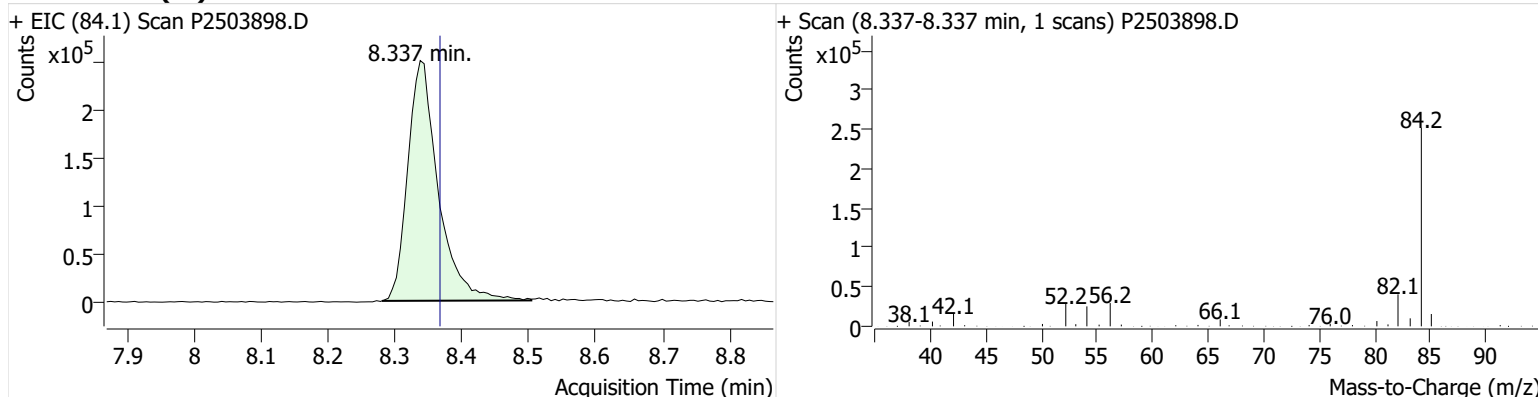
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Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

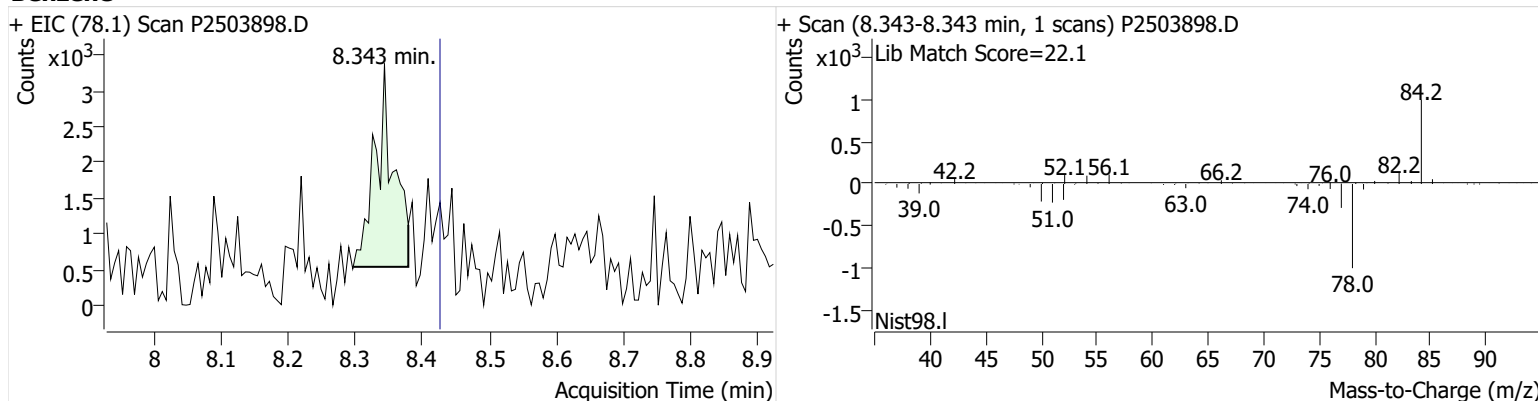


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	794,238	
Benzene	benzene-d6 (IS)	8.343	8.426	5,494	
Toluene-d8 (IS)		10.901	10.931	990,382	
Toluene	Toluene-d8 (IS)	11.008	11.020	5,054	
Ethylbenzene	Toluene-d8 (IS)	12.967	13.151	ND	m
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.341	ND	m
o-Xylene	Toluene-d8 (IS)	14.237	13.809	ND	m

benzene-d6 (IS)

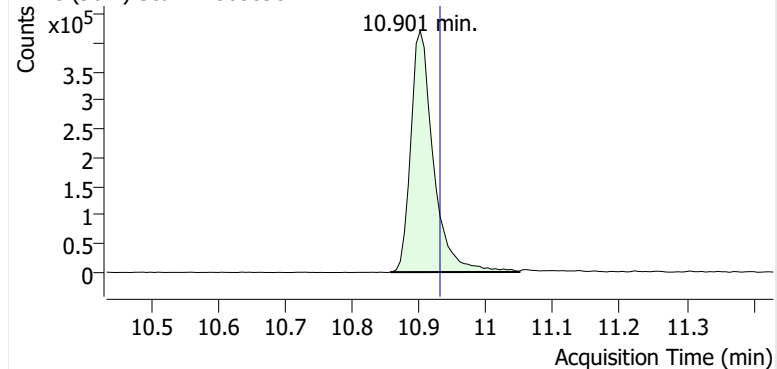


Benzene

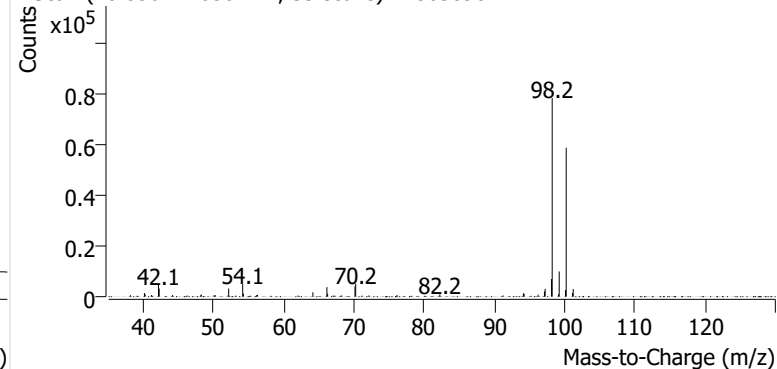


Toluene-d8 (IS)

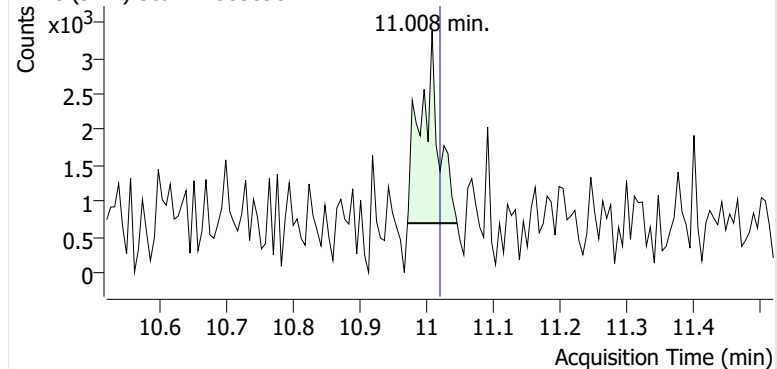
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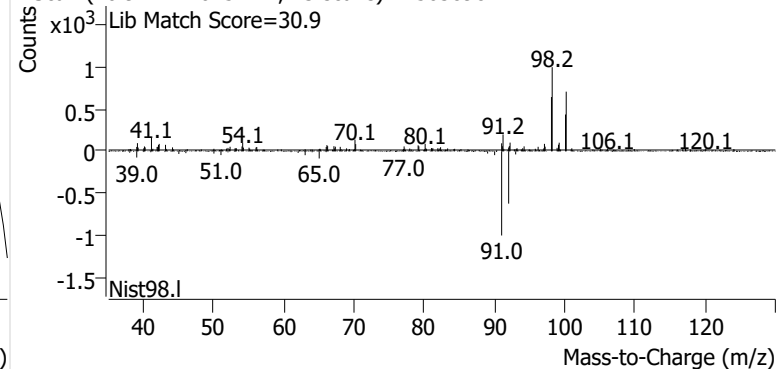
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**Toluene**

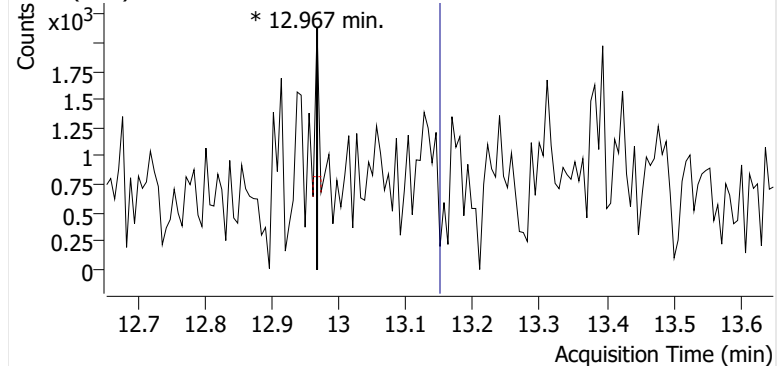
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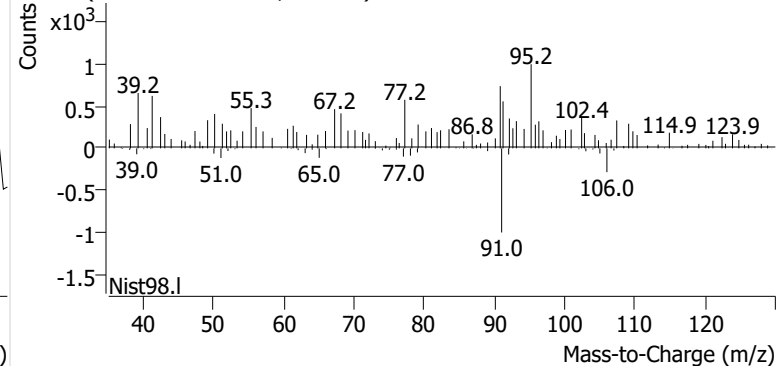
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**Ethylbenzene**

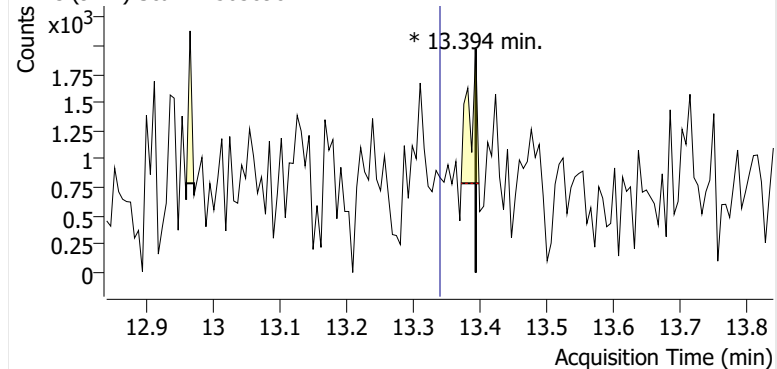
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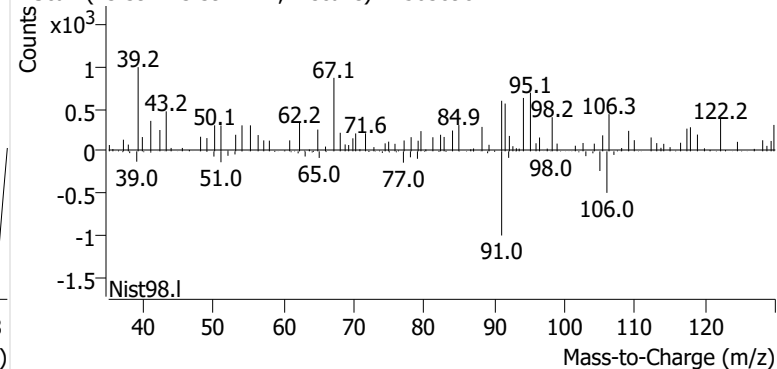
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**m-/p-Xylenes**

+ EIC (91.1) Scan P2503898.D

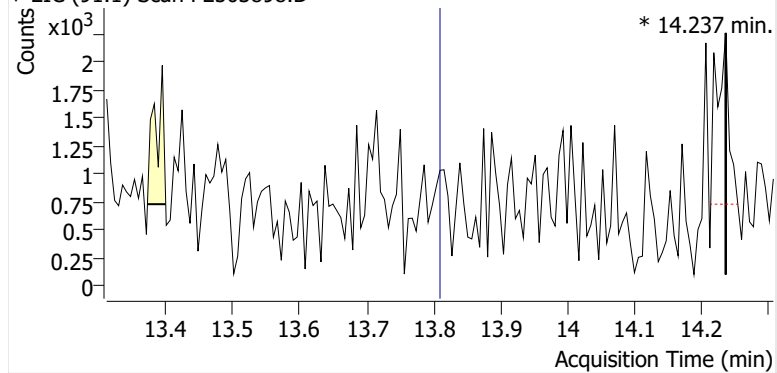


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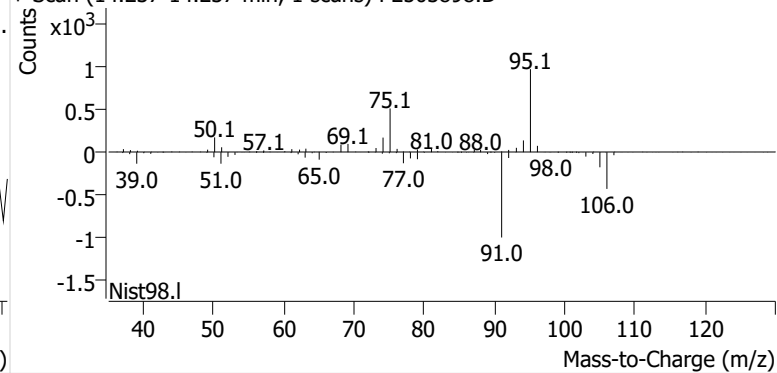


o-Xylene

+ EIC (91.1) Scan P2503898.D

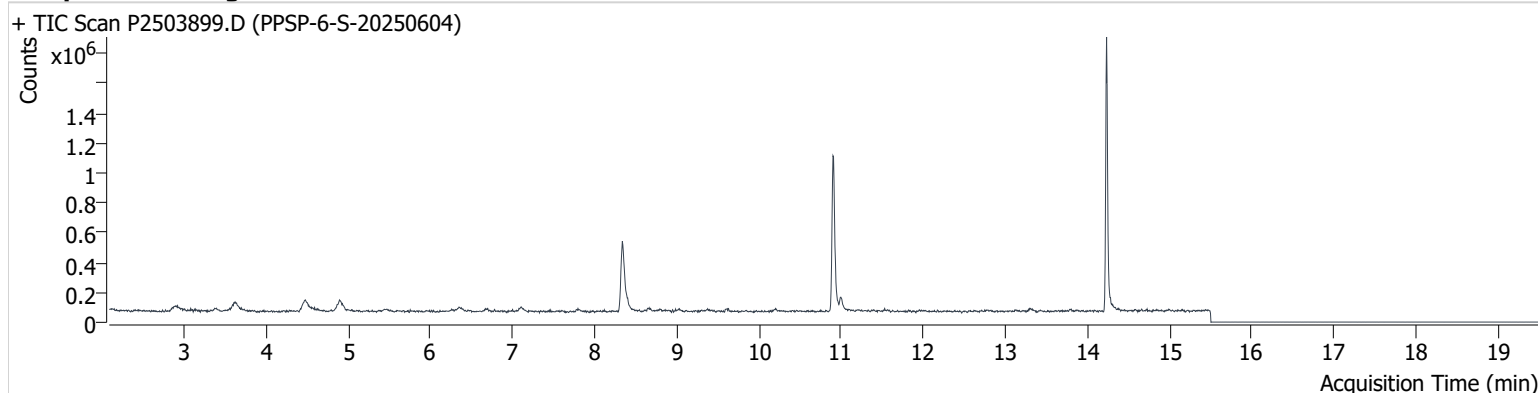


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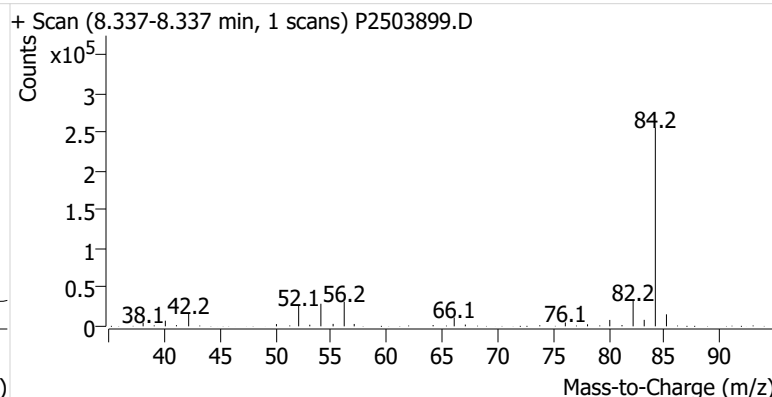
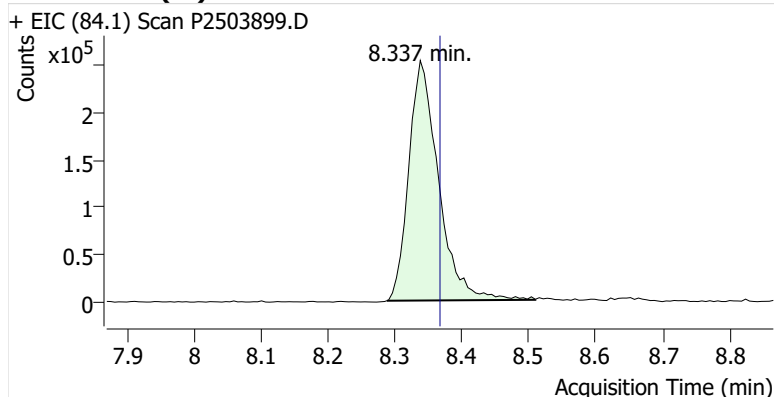
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Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

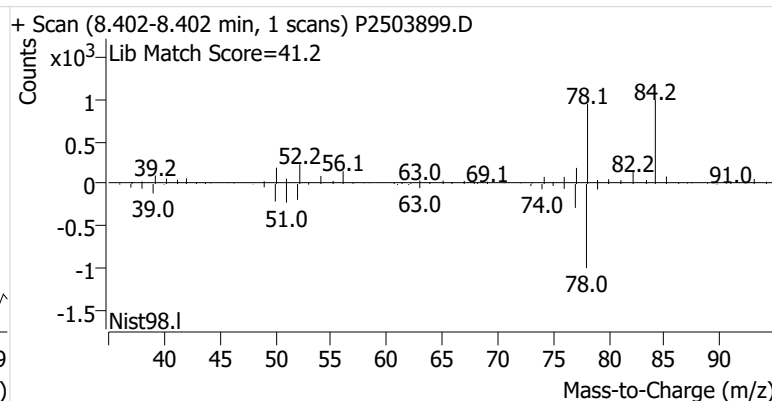
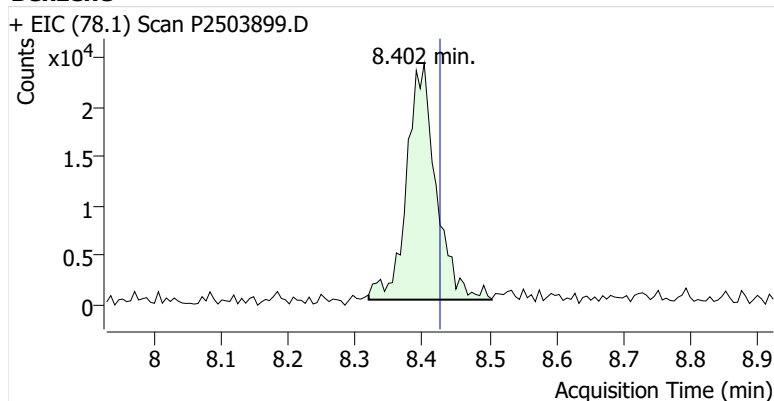


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	784,939	
Benzene	benzene-d6 (IS)	8.402	8.426	73,482	
Toluene-d8 (IS)		10.901	10.931	961,260	
Toluene	Toluene-d8 (IS)	10.996	11.020	65,674	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	10,089	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	17,579	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	6,555	

benzene-d6 (IS)

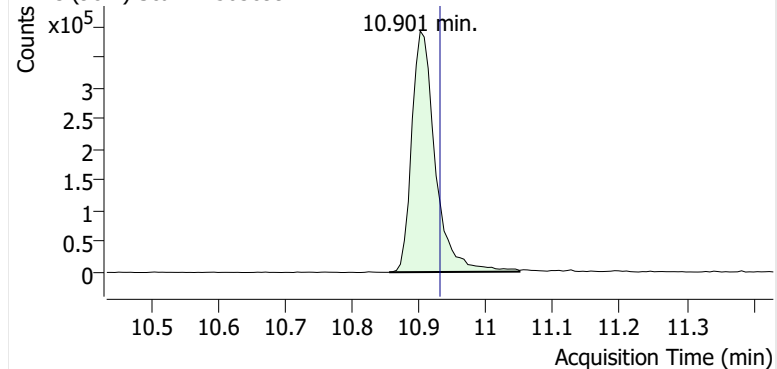


Benzene

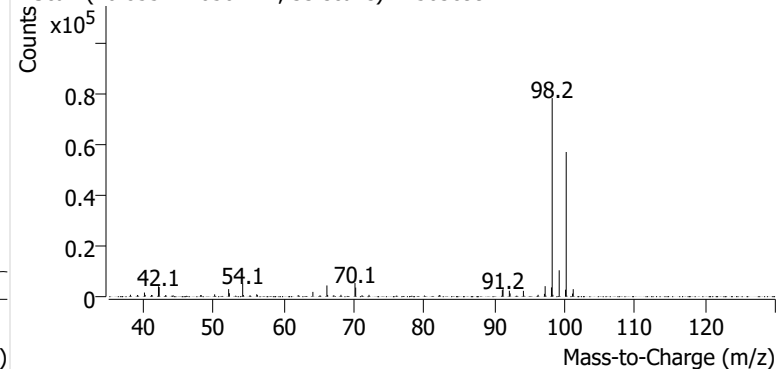


Toluene-d8 (IS)

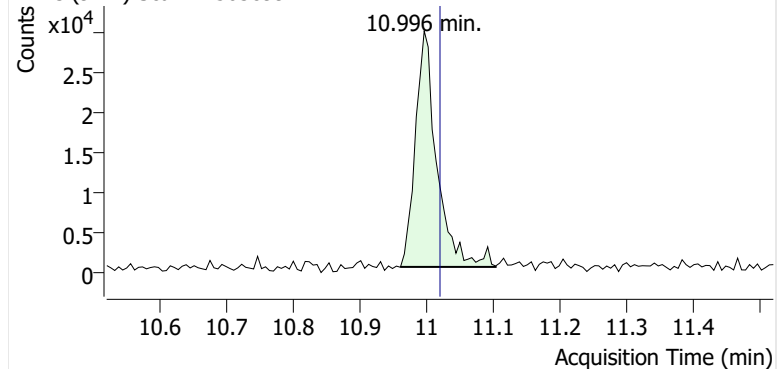
+ EIC (98.1) Scan P2503899.D



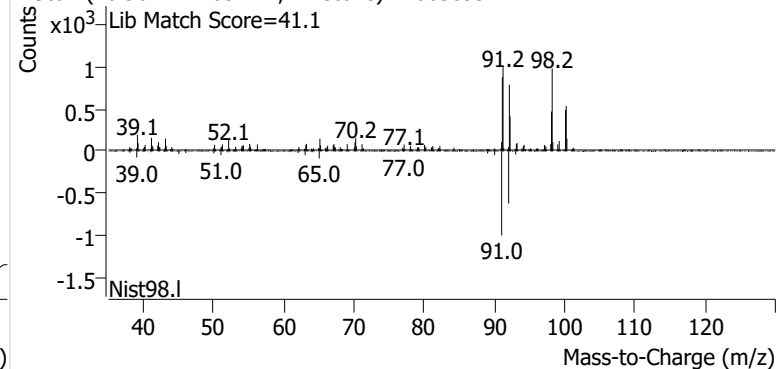
+ Scan (10.855-11.050 min, 33 scans) P2503899.D

**Toluene**

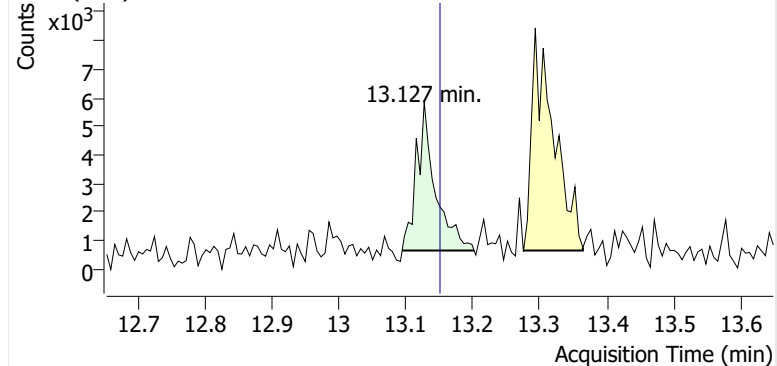
+ EIC (91.1) Scan P2503899.D



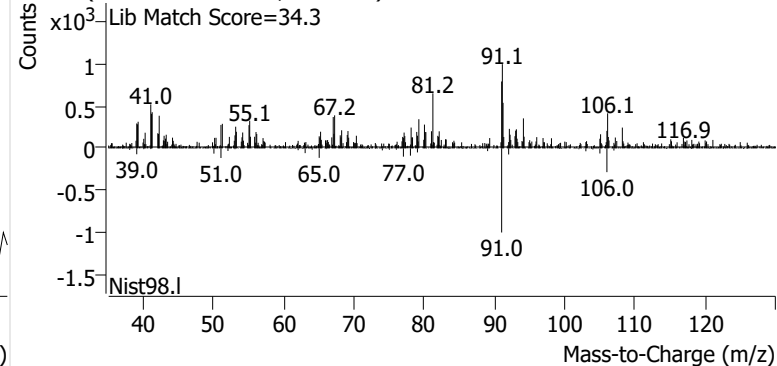
+ Scan (10.961-11.103 min, 24 scans) P2503899.D

**Ethylbenzene**

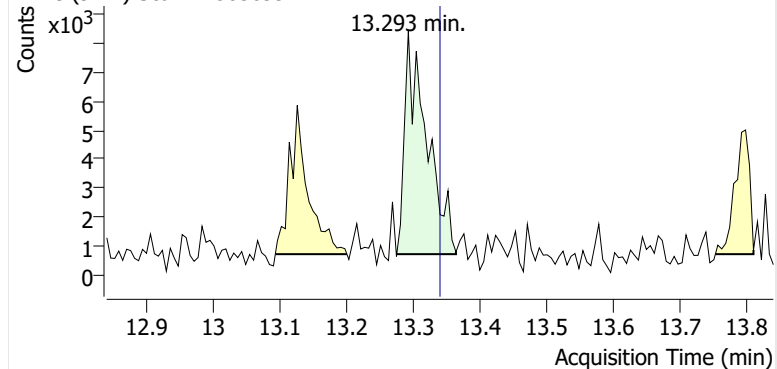
+ EIC (91.1) Scan P2503899.D



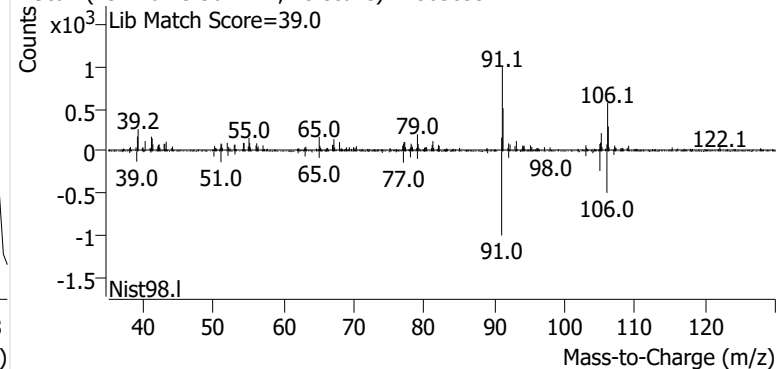
+ Scan (13.094-13.202 min, 18 scans) P2503899.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503899.D

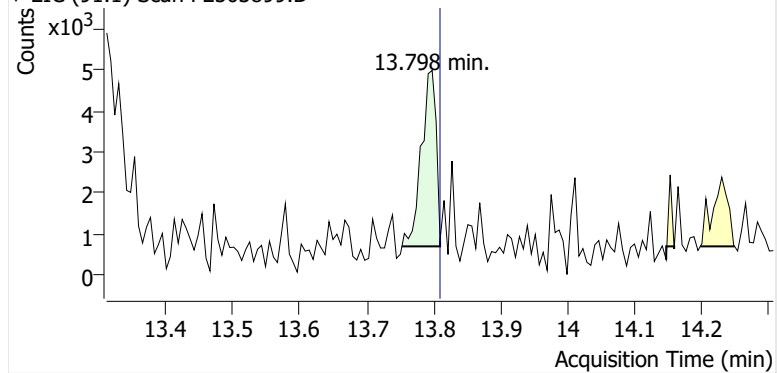


+ Scan (13.276-13.364 min, 15 scans) P2503899.D

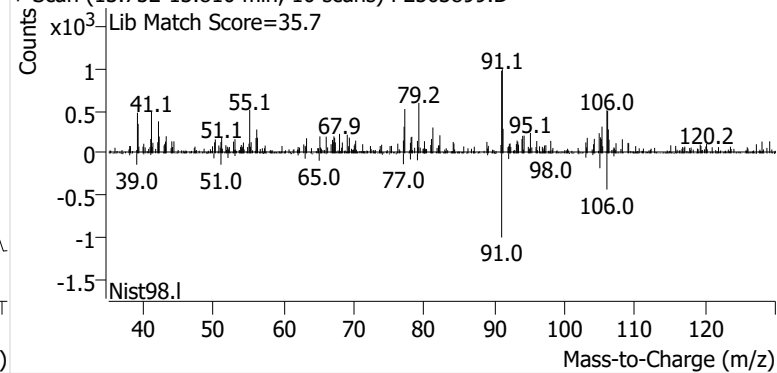


o-Xylene

+ EIC (91.1) Scan P2503899.D

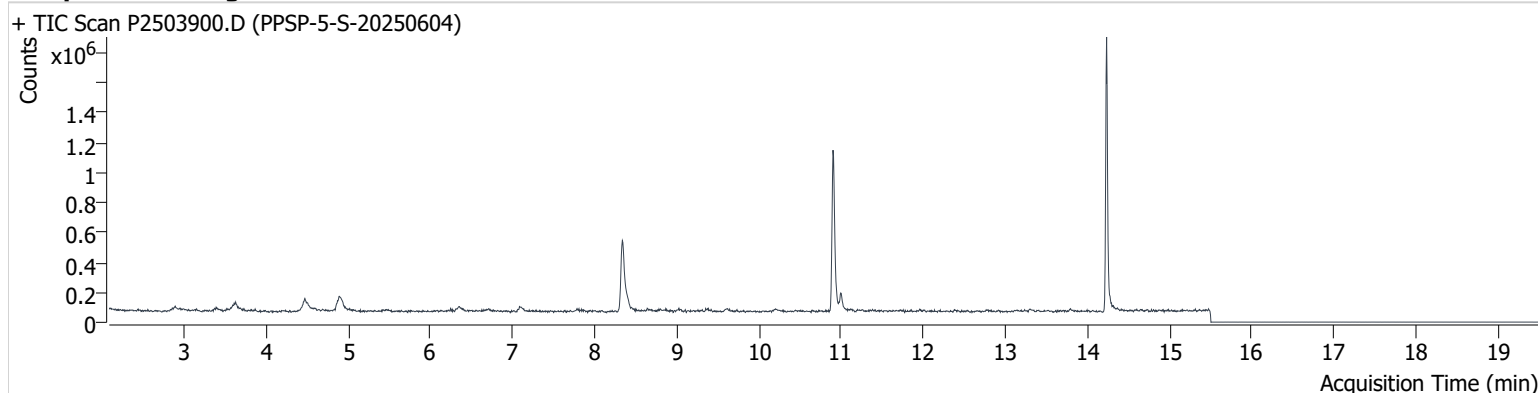


+ Scan (13.752-13.810 min, 10 scans) P2503899.D



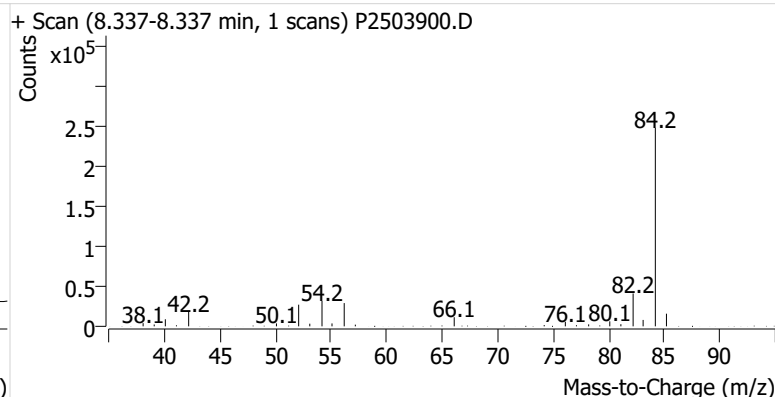
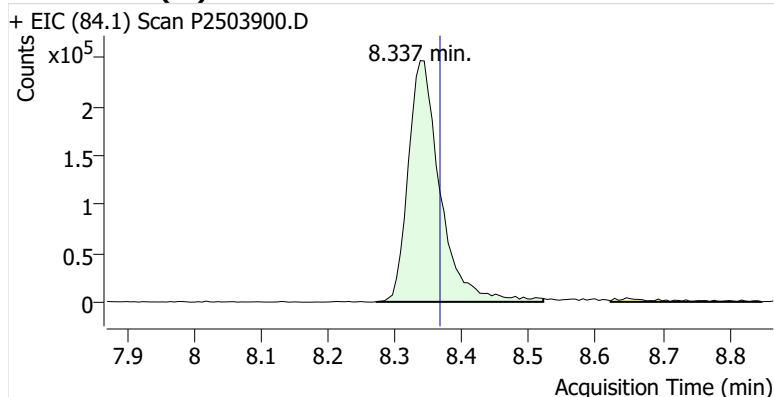
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Comment B48208
Data File P2503900.D
Acq. Date-Time 6/22/2025 4:34:53 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

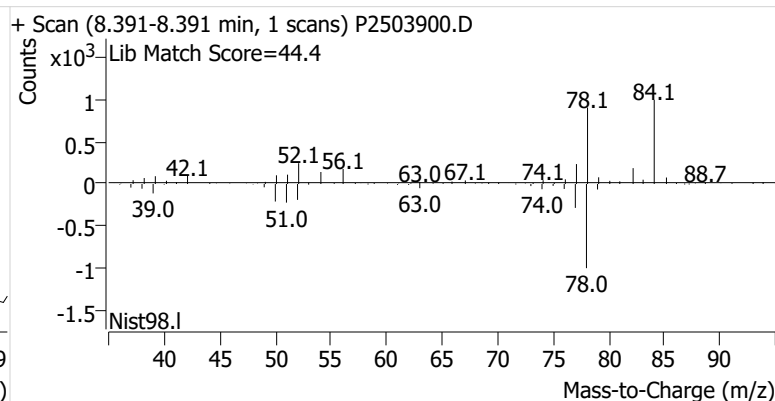
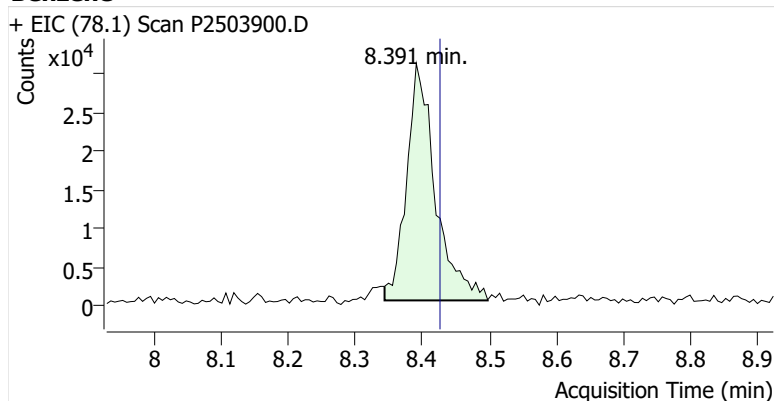


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	819,794	
Benzene	benzene-d6 (IS)	8.391	8.426	92,552	
Toluene-d8 (IS)		10.901	10.931	970,077	
Toluene	Toluene-d8 (IS)	10.996	11.020	92,358	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	7,817	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	14,014	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	5,787	

benzene-d6 (IS)

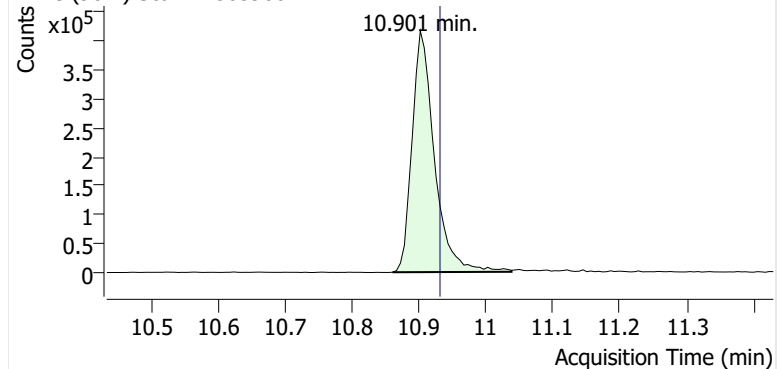


Benzene

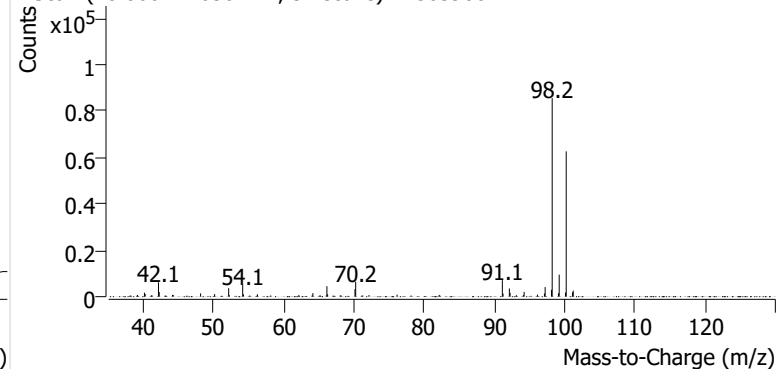


Toluene-d8 (IS)

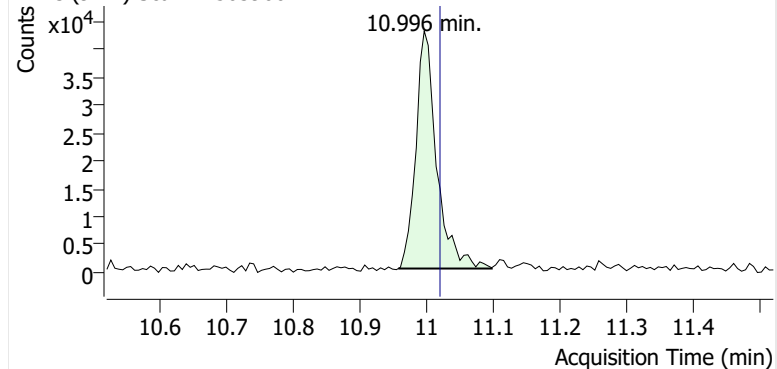
+ EIC (98.1) Scan P2503900.D



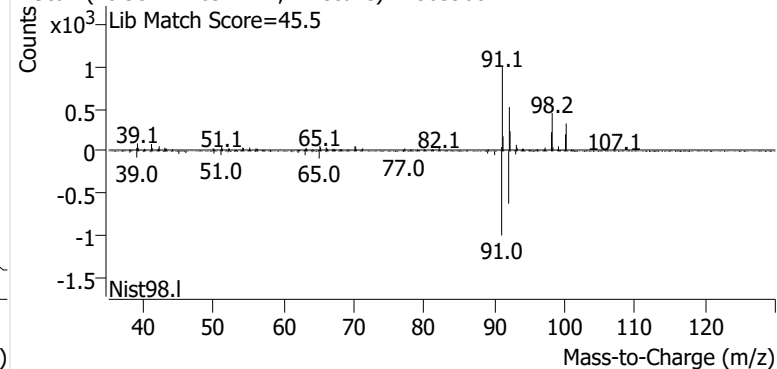
+ Scan (10.860-11.038 min, 31 scans) P2503900.D

**Toluene**

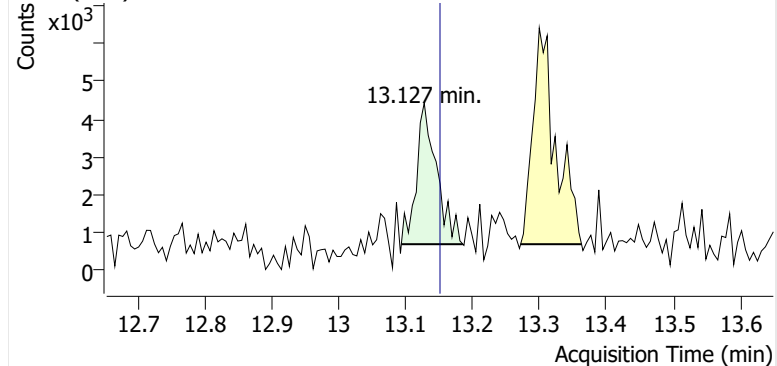
+ EIC (91.1) Scan P2503900.D



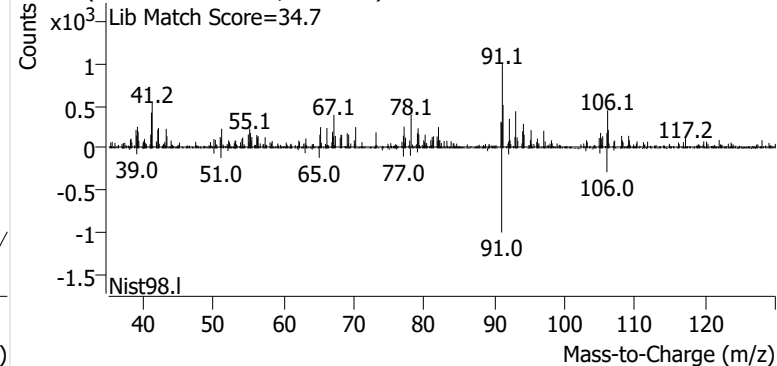
+ Scan (10.957-11.097 min, 24 scans) P2503900.D

**Ethylbenzene**

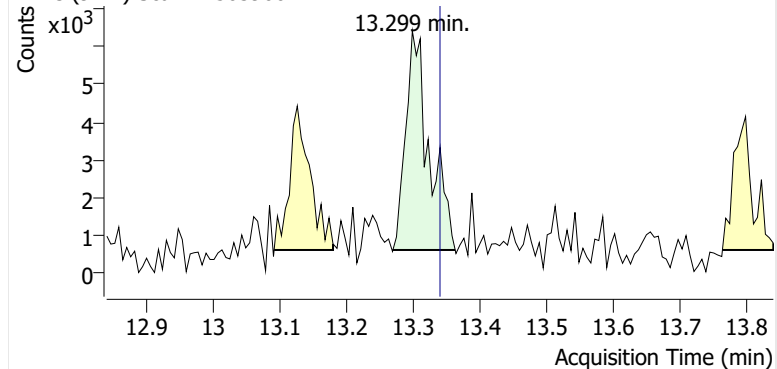
+ EIC (91.1) Scan P2503900.D



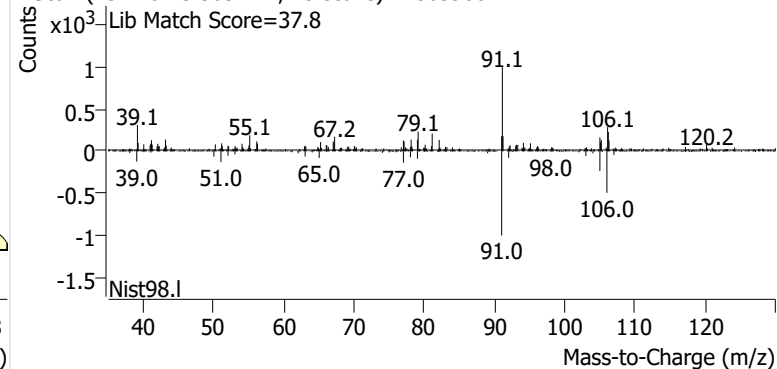
+ Scan (13.093-13.185 min, 15 scans) P2503900.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503900.D

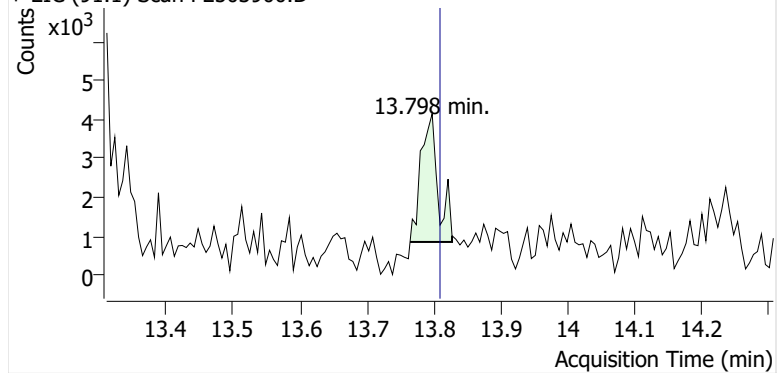


+ Scan (13.270-13.363 min, 15 scans) P2503900.D

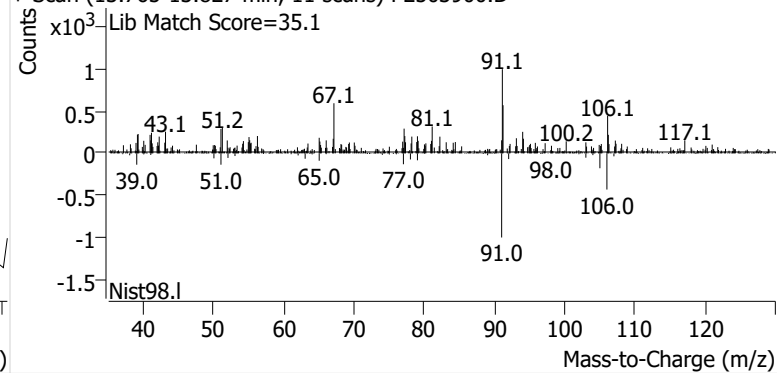


o-Xylene

+ EIC (91.1) Scan P2503900.D

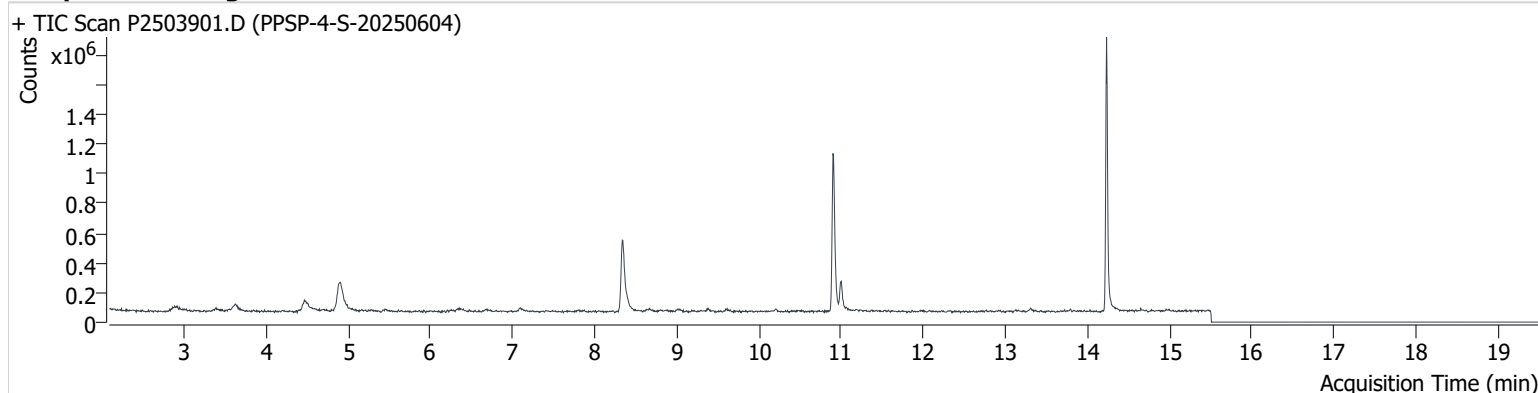


+ Scan (13.765-13.827 min, 11 scans) P2503900.D



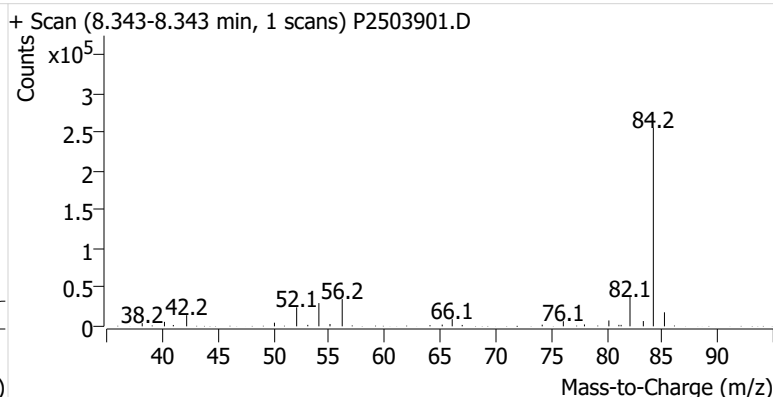
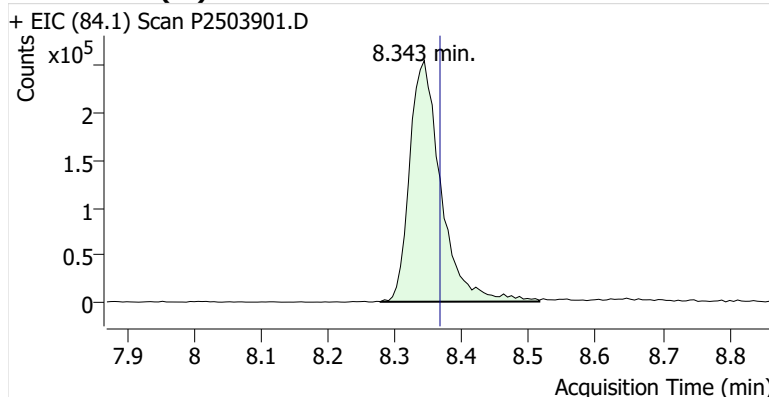
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Comment B50926
Data File P2503901.D
Acq. Date-Time 6/22/2025 5:12:48 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

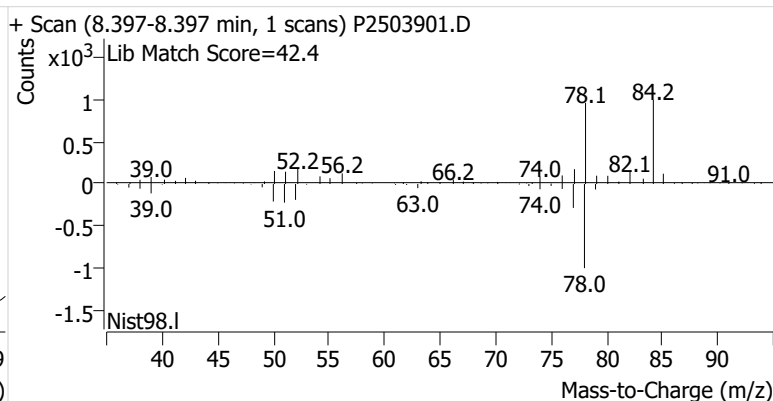
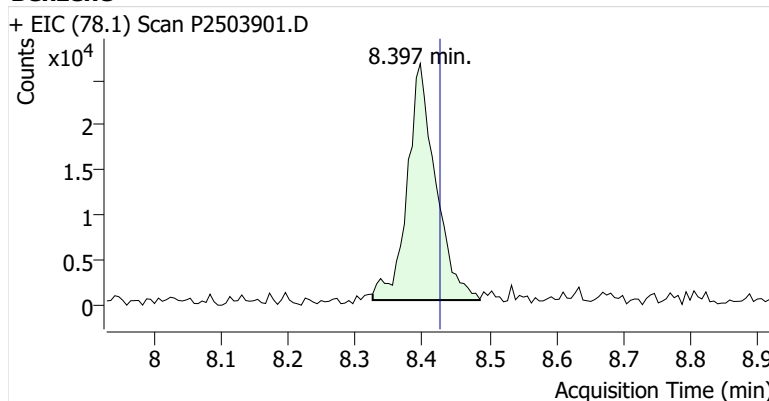


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	831,608	
Benzene	benzene-d6 (IS)	8.397	8.426	77,930	
Toluene-d8 (IS)		10.901	10.931	964,607	
Toluene	Toluene-d8 (IS)	11.002	11.020	172,517	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	7,785	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	15,681	m
o-Xylene	Toluene-d8 (IS)	13.786	13.809	6,345	

benzene-d6 (IS)

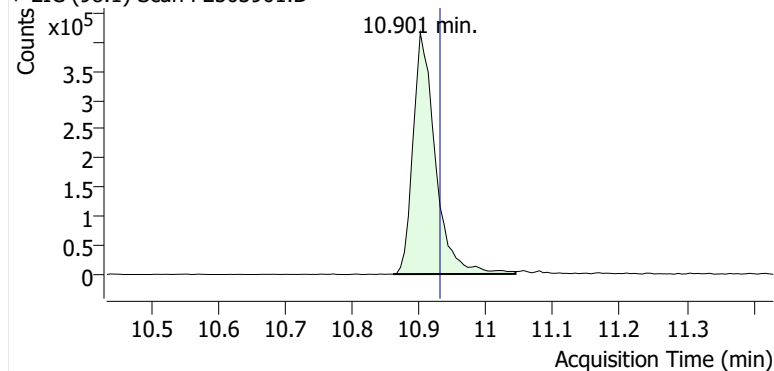


Benzene

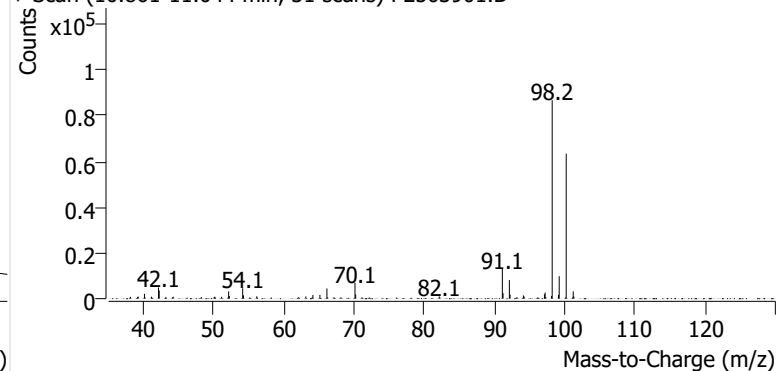


Toluene-d8 (IS)

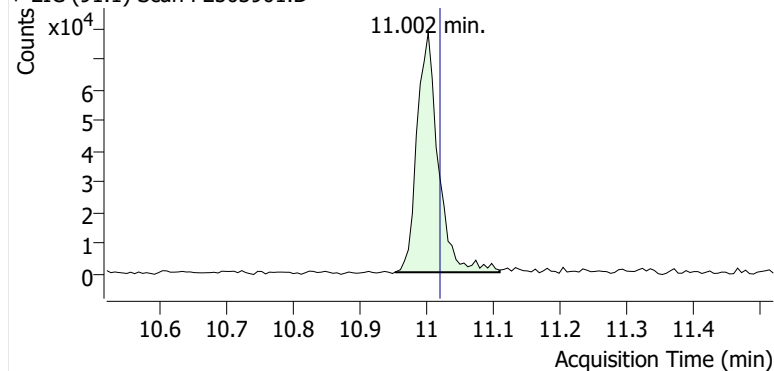
+ EIC (98.1) Scan P2503901.D



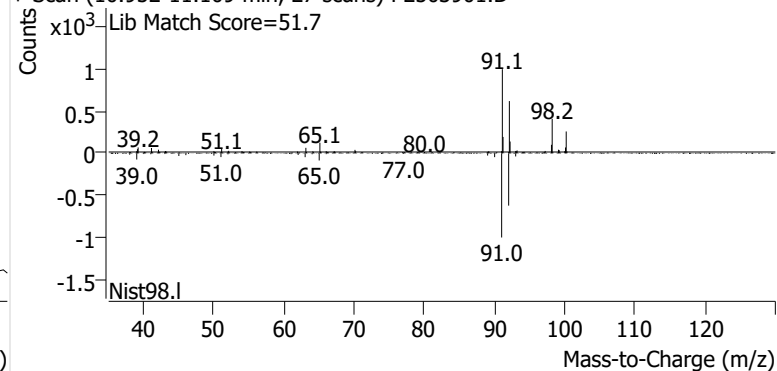
+ Scan (10.861-11.044 min, 31 scans) P2503901.D

**Toluene**

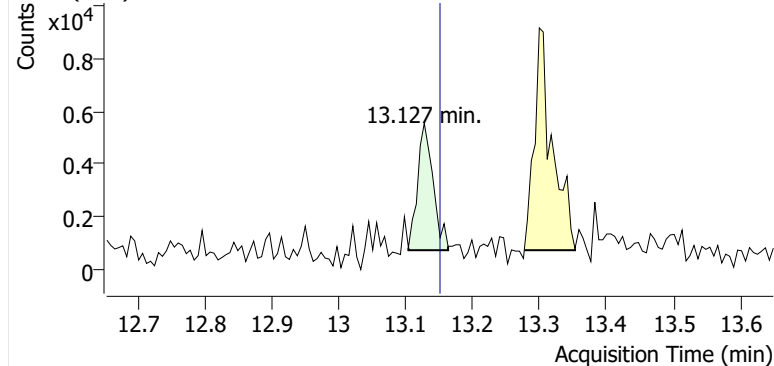
+ EIC (91.1) Scan P2503901.D



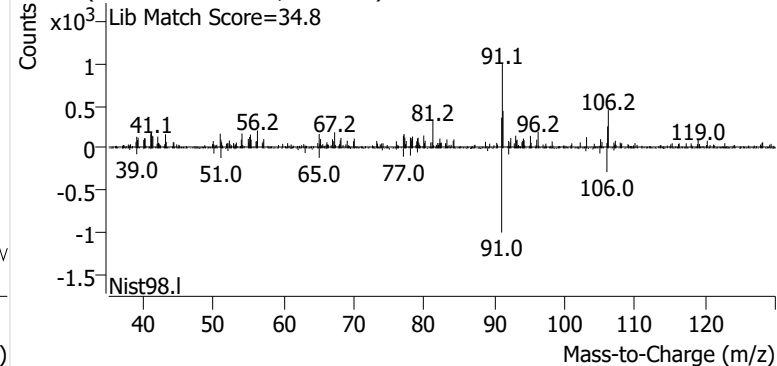
+ Scan (10.952-11.109 min, 27 scans) P2503901.D

**Ethylbenzene**

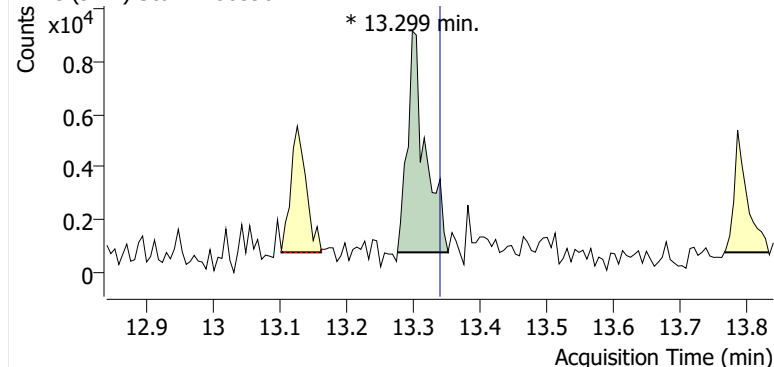
+ EIC (91.1) Scan P2503901.D



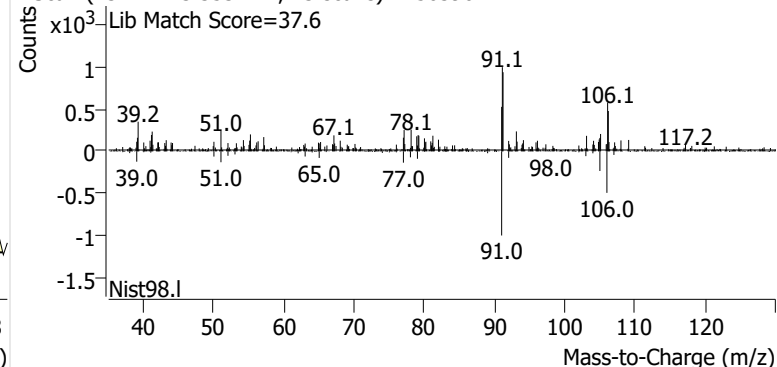
+ Scan (13.103-13.163 min, 11 scans) P2503901.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503901.D

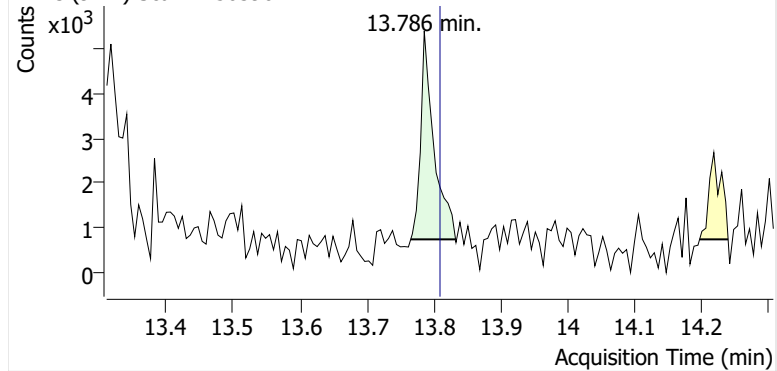


+ Scan (13.277-13.353 min, 13 scans) P2503901.D

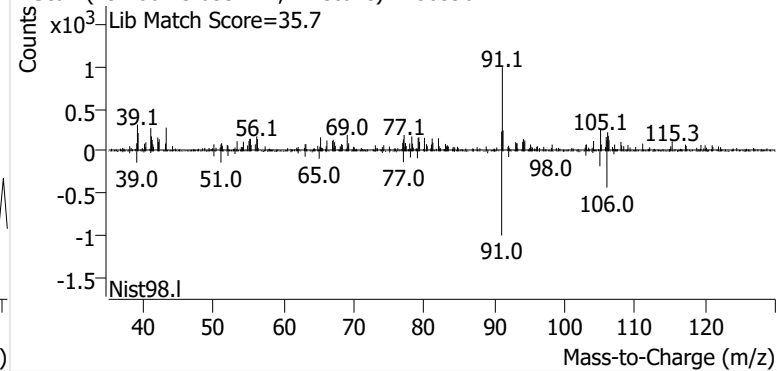


o-Xylene

+ EIC (91.1) Scan P2503901.D

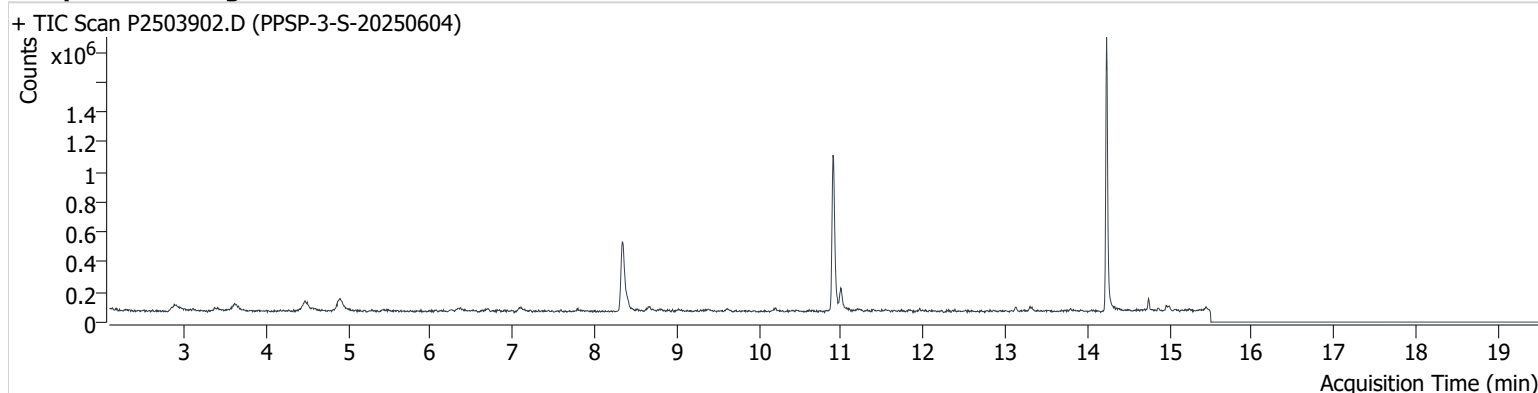


+ Scan (13.766-13.833 min, 11 scans) P2503901.D



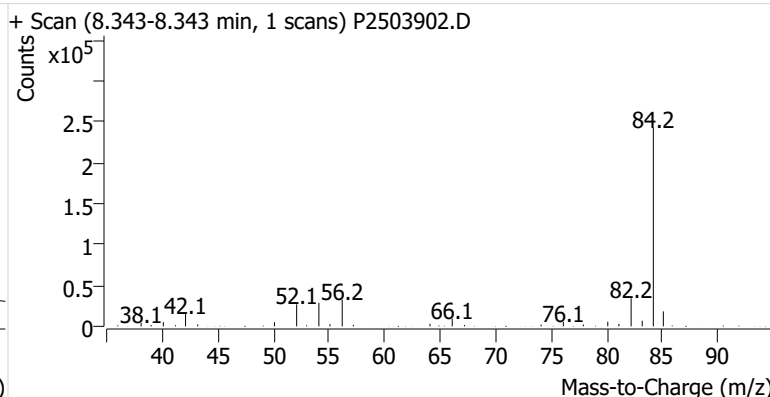
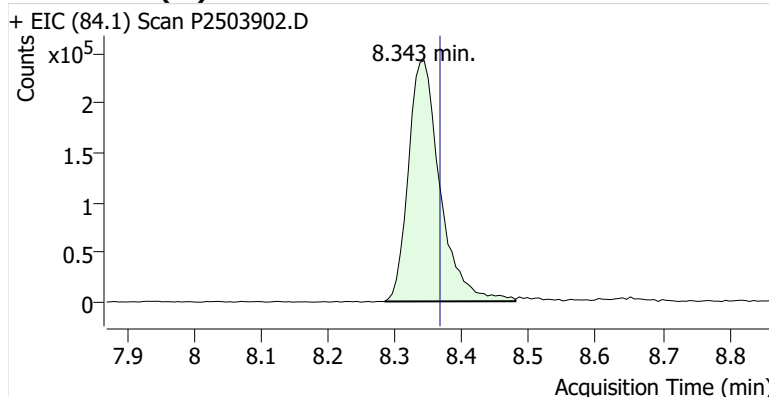
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Comment C33447
Data File P2503902.D
Acq. Date-Time 6/22/2025 5:50:07 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

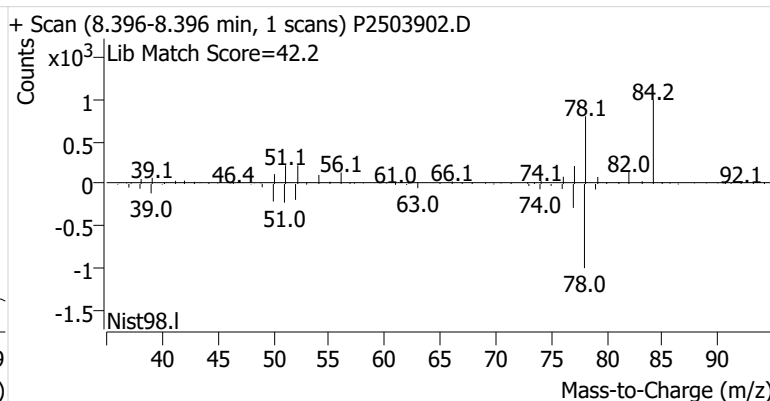
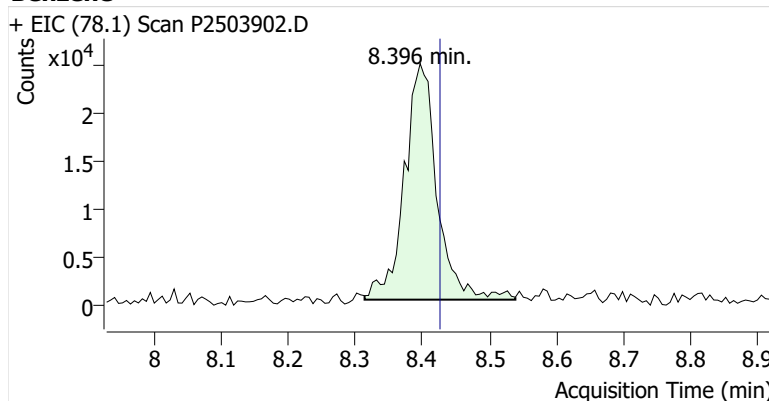


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	797,299	
Benzene	benzene-d6 (IS)	8.396	8.426	83,418	
Toluene-d8 (IS)		10.907	10.931	976,635	
Toluene	Toluene-d8 (IS)	11.002	11.020	131,740	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	21,299	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	26,407	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	10,936	

benzene-d6 (IS)

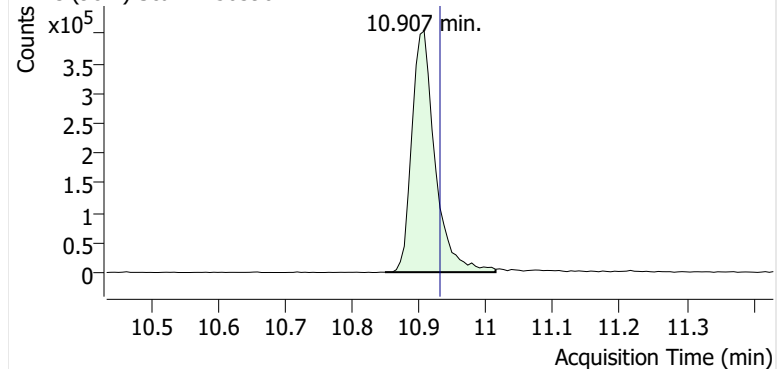


Benzene

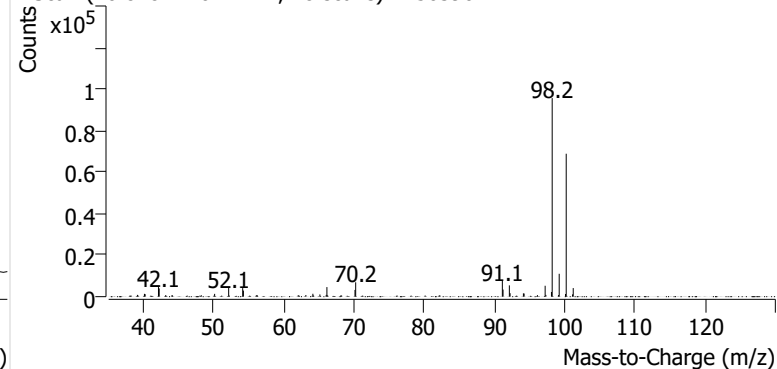


Toluene-d8 (IS)

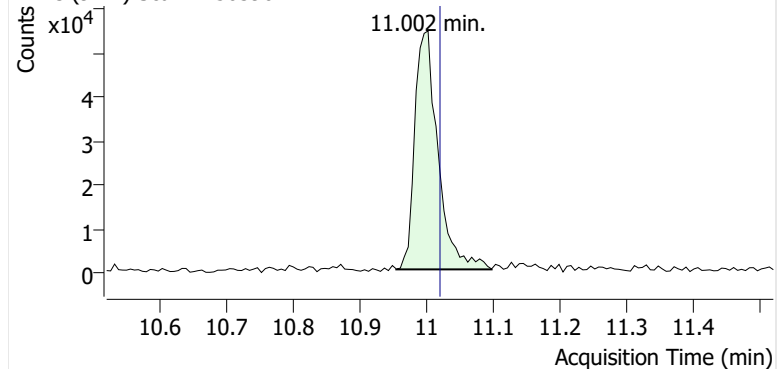
+ EIC (98.1) Scan P2503902.D



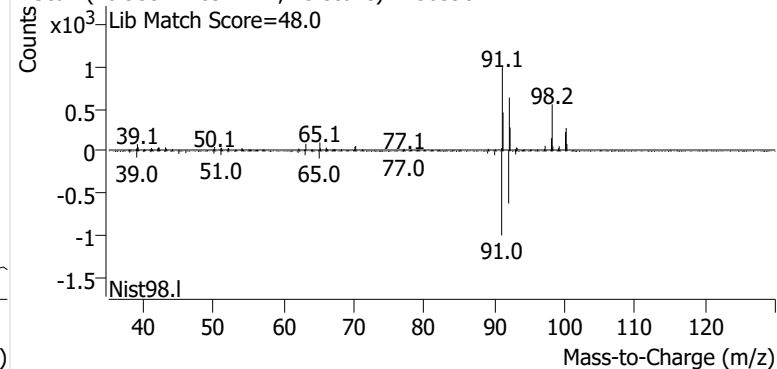
+ Scan (10.848-11.014 min, 28 scans) P2503902.D

**Toluene**

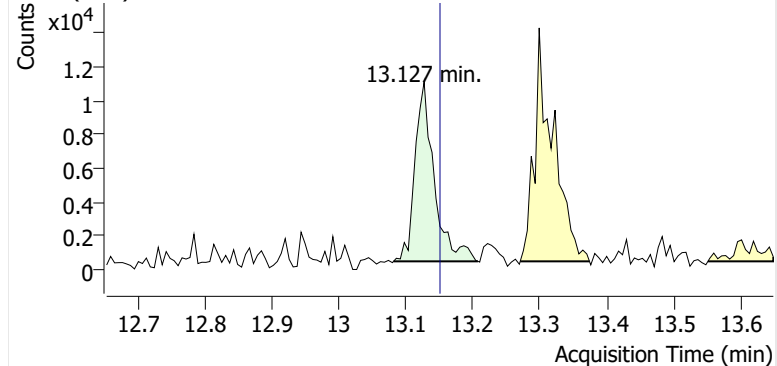
+ EIC (91.1) Scan P2503902.D



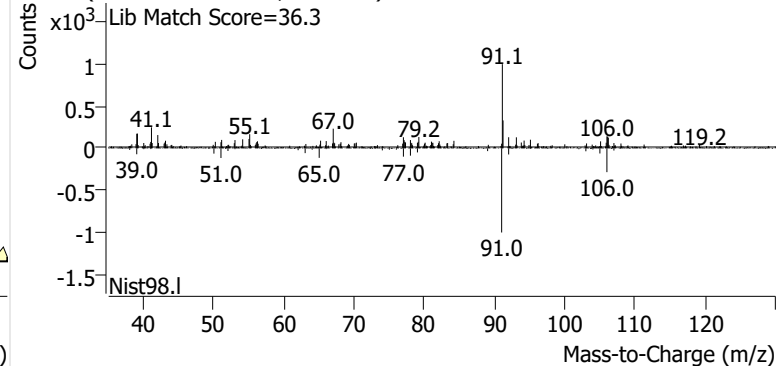
+ Scan (10.955-11.097 min, 25 scans) P2503902.D

**Ethylbenzene**

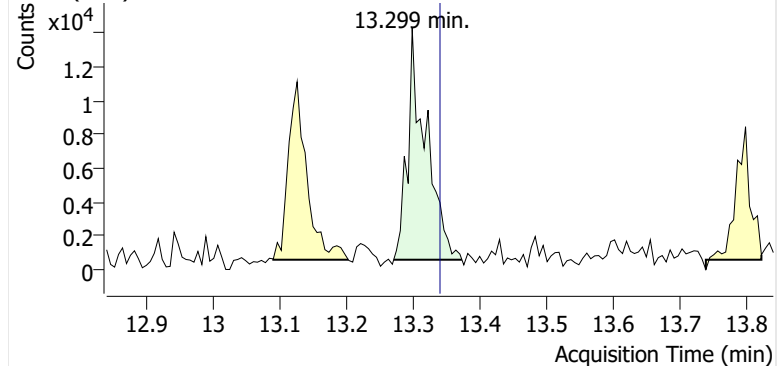
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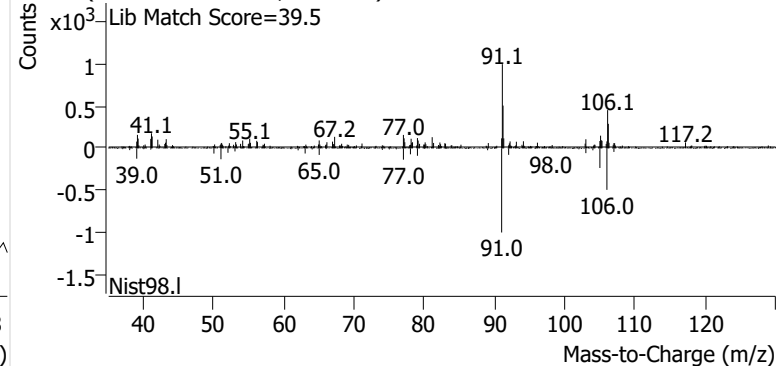
+ Scan (13.081-13.207 min, 21 scans) P2503902.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503902.D

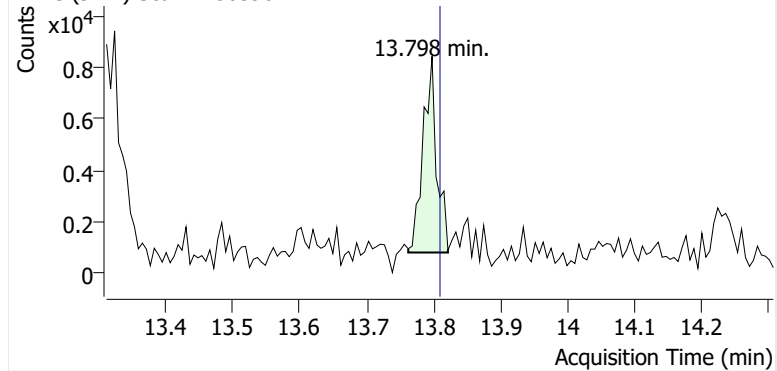


+ Scan (13.271-13.373 min, 17 scans) P2503902.D

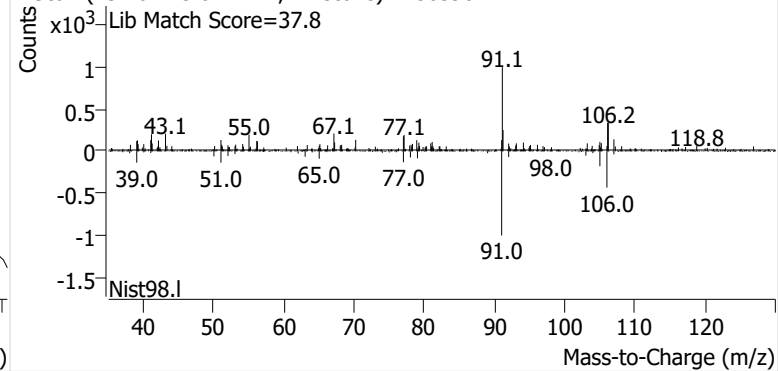


o-Xylene

+ EIC (91.1) Scan P2503902.D

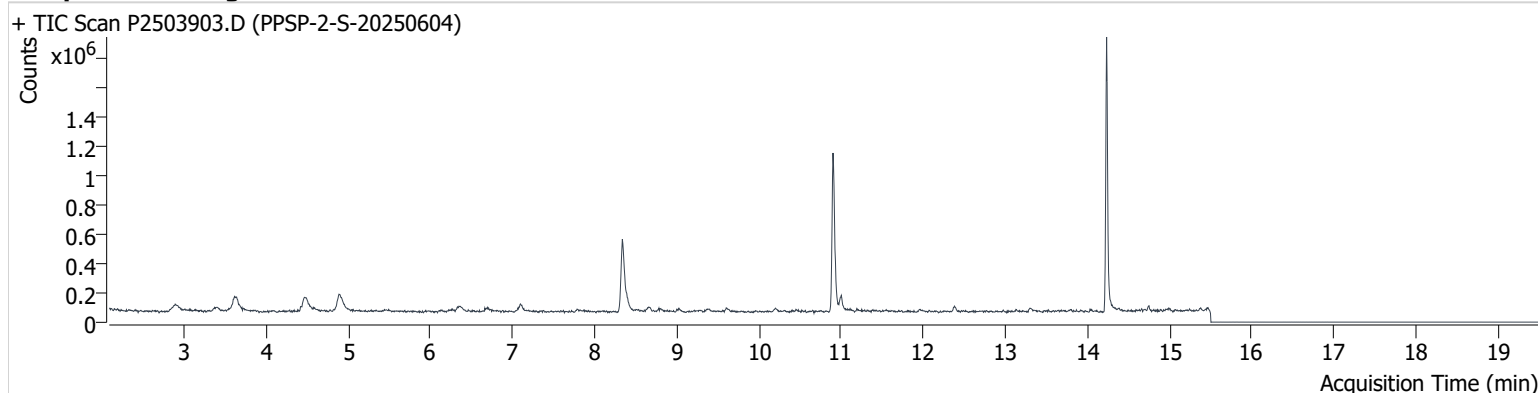


+ Scan (13.762-13.821 min, 11 scans) P2503902.D



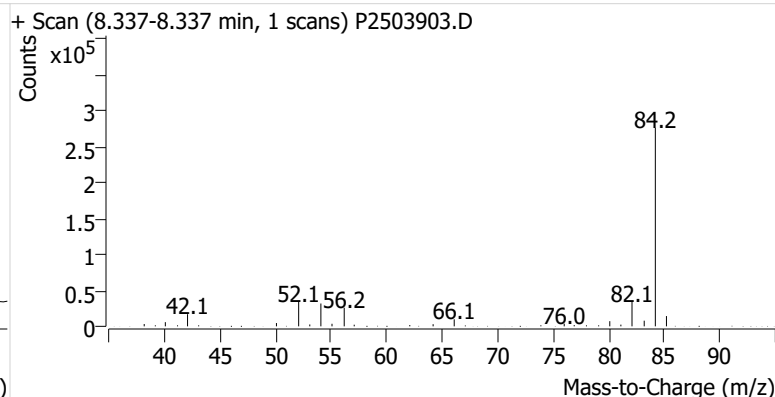
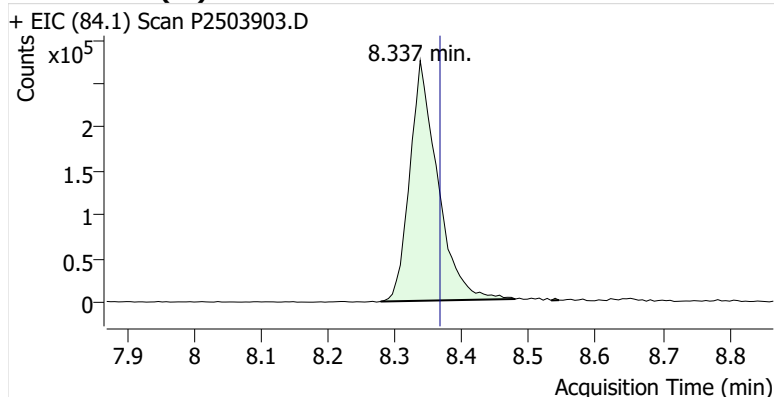
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Comment C56874
Data File P2503903.D
Acq. Date-Time 6/22/2025 6:27:26 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

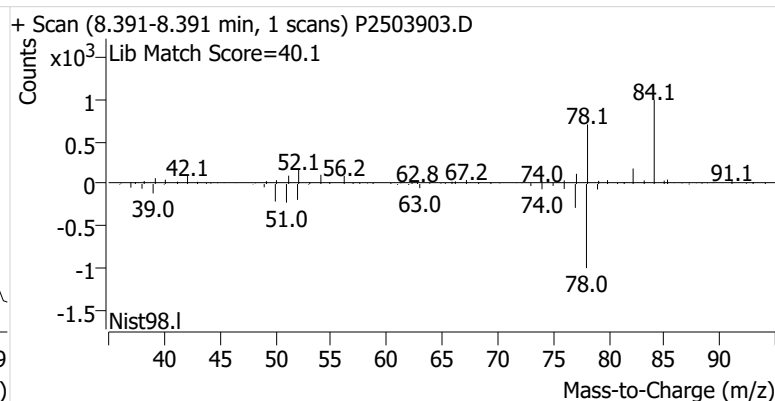
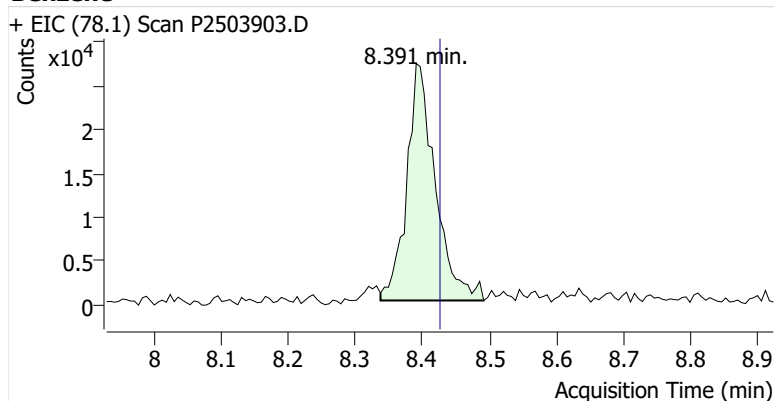


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	795,841	
Benzene	benzene-d6 (IS)	8.391	8.426	80,262	
Toluene-d8 (IS)		10.901	10.931	968,776	
Toluene	Toluene-d8 (IS)	11.002	11.020	74,839	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	7,705	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	19,707	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	7,783	

benzene-d6 (IS)

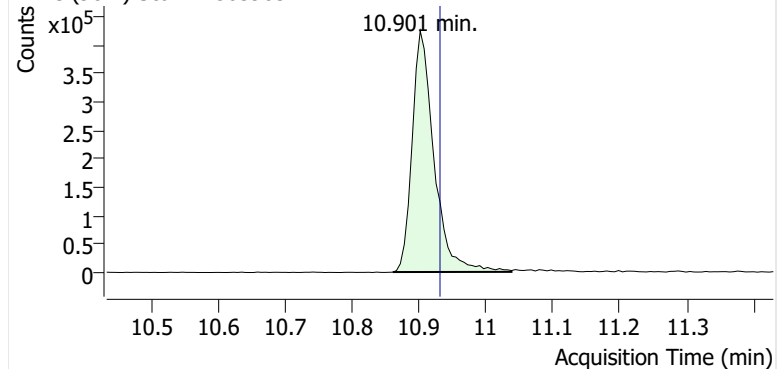


Benzene

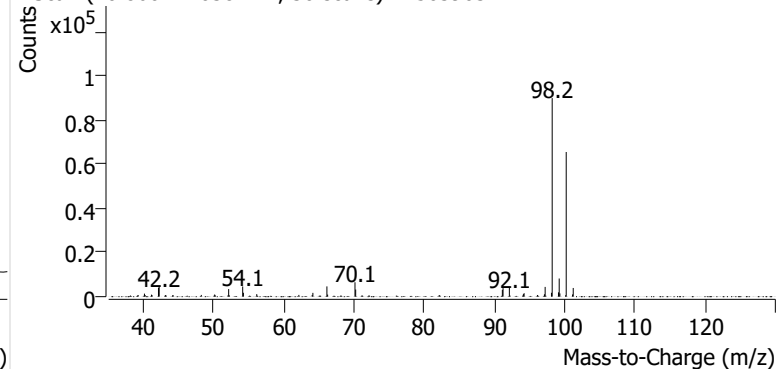


Toluene-d8 (IS)

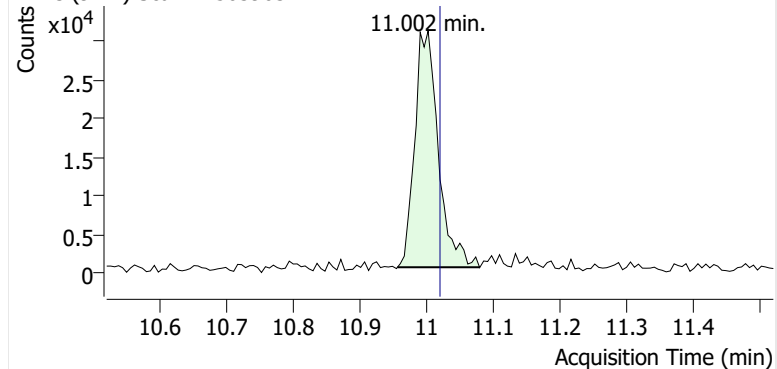
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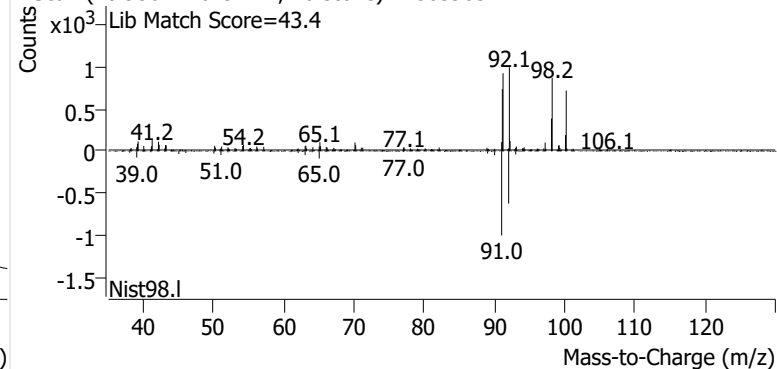
+ Scan (10.860-11.038 min, 30 scans) P2503903.D

**Toluene**

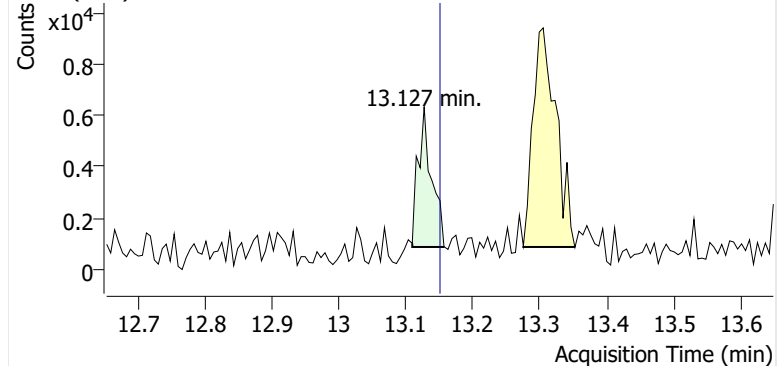
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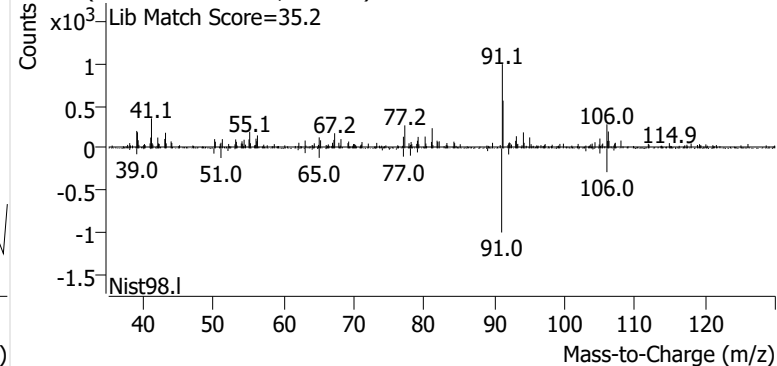
+ Scan (10.956-11.079 min, 20 scans) P2503903.D

**Ethylbenzene**

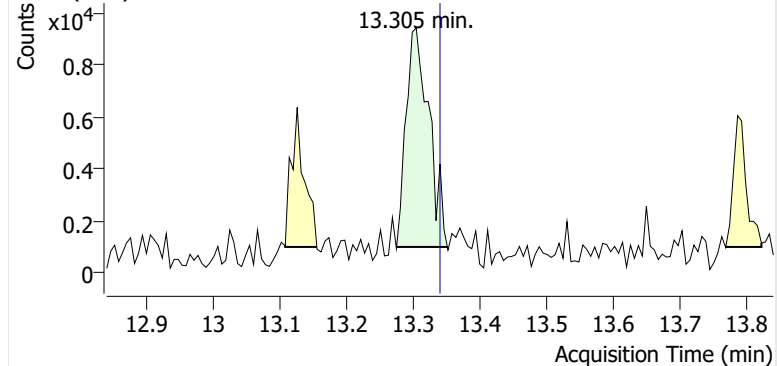
+ EIC (91.1) Scan P2503903.D



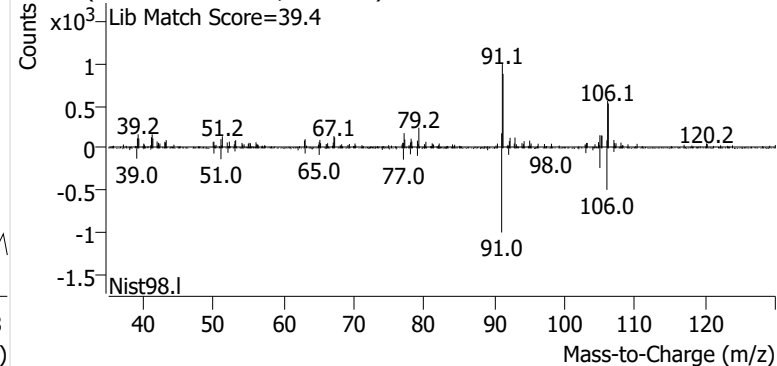
+ Scan (13.109-13.157 min, 9 scans) P2503903.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503903.D

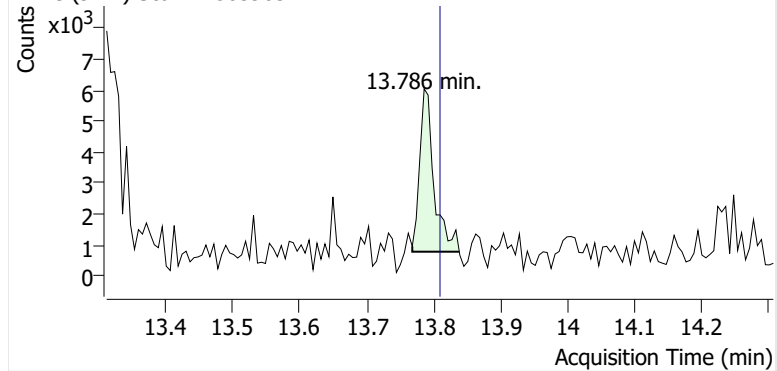


+ Scan (13.276-13.352 min, 12 scans) P2503903.D

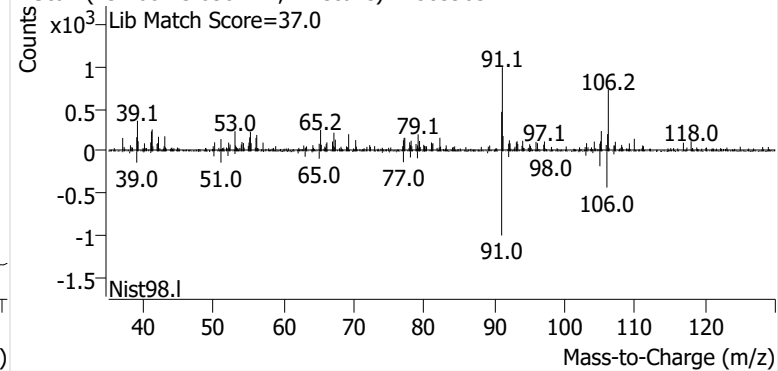


o-Xylene

+ EIC (91.1) Scan P2503903.D

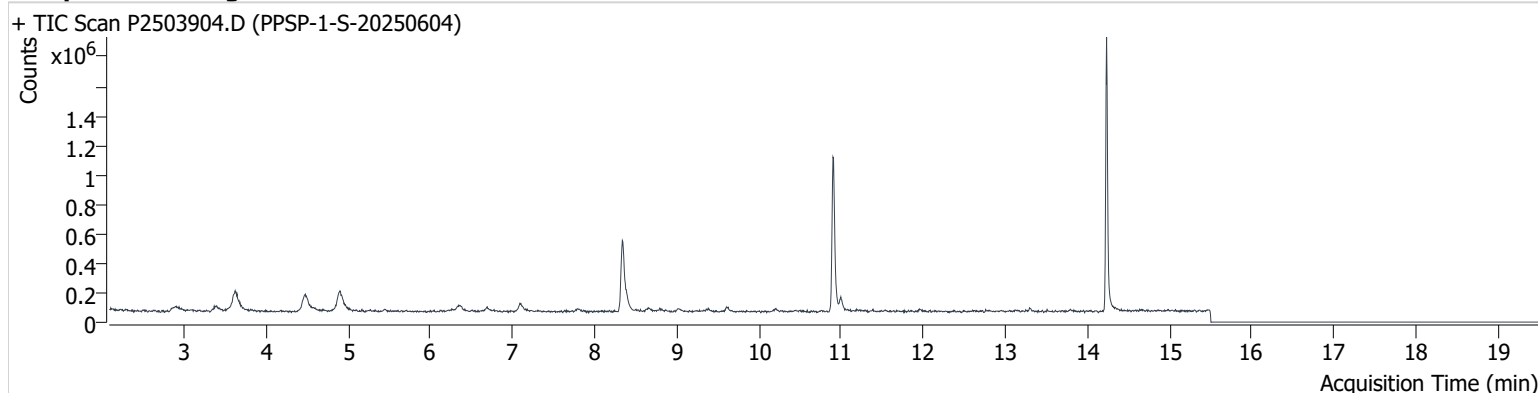


+ Scan (13.768-13.838 min, 12 scans) P2503903.D



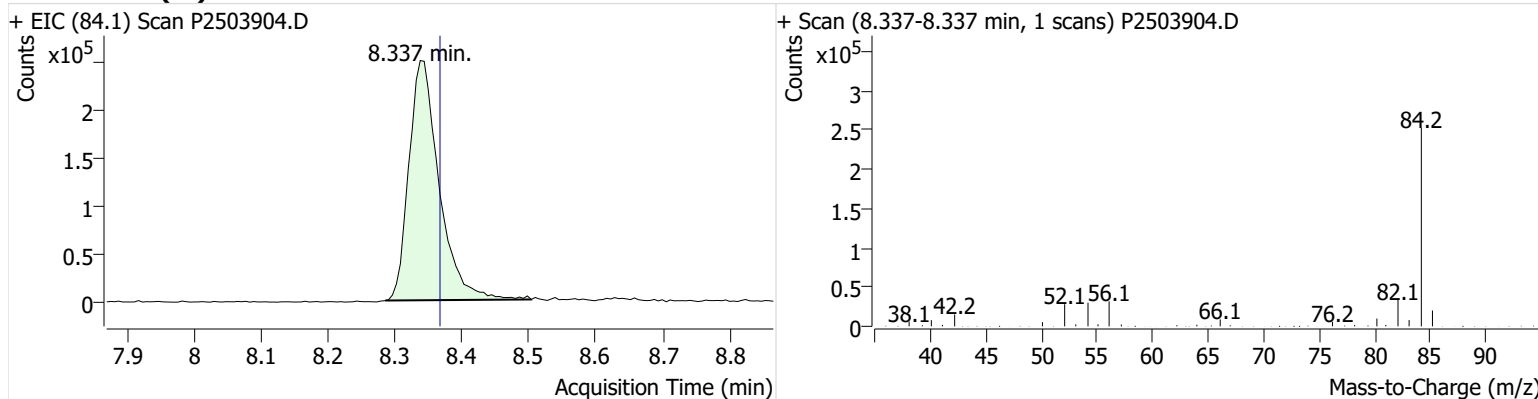
Name PPSP-1-S-20250604
Comment B46812
Data File P2503904.D
Acq. Date-Time 6/22/2025 7:04:45 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

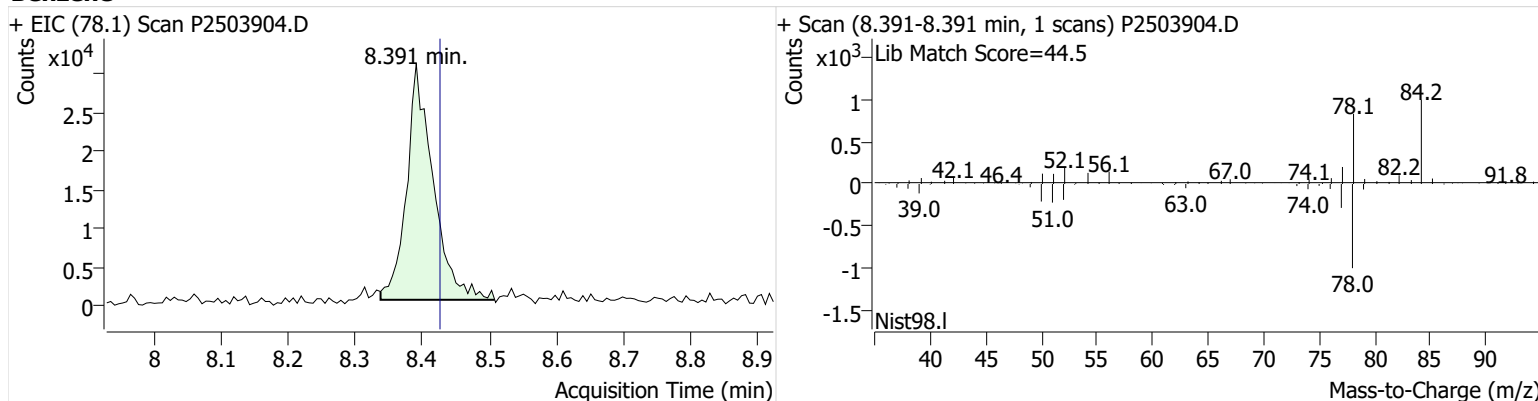


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	789,294	
Benzene	benzene-d6 (IS)	8.391	8.426	84,849	
Toluene-d8 (IS)		10.901	10.931	966,793	
Toluene	Toluene-d8 (IS)	10.996	11.020	63,725	
Ethylbenzene	Toluene-d8 (IS)	13.115	13.151	8,381	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	17,417	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	7,812	

benzene-d6 (IS)

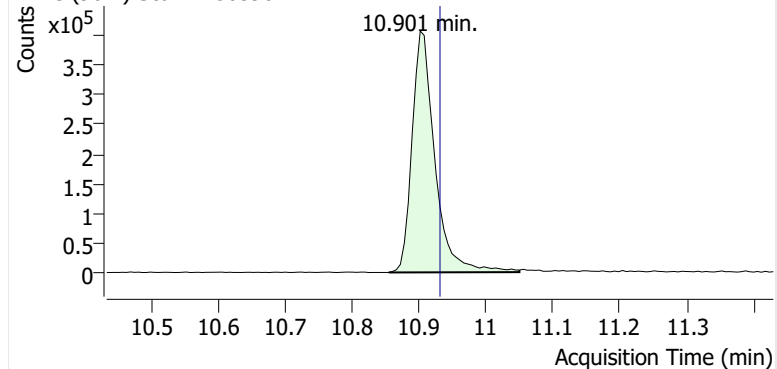


Benzene

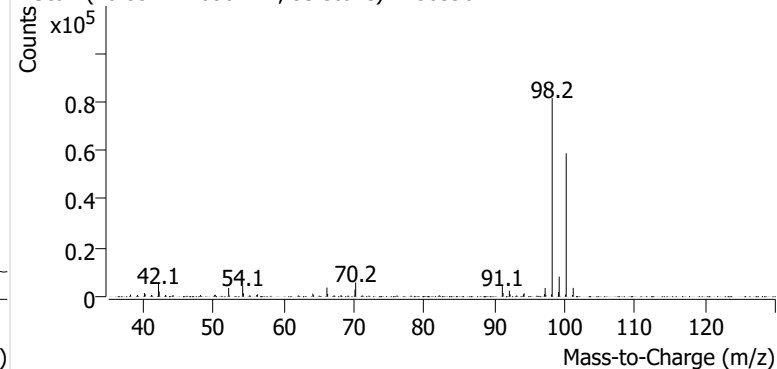


Toluene-d8 (IS)

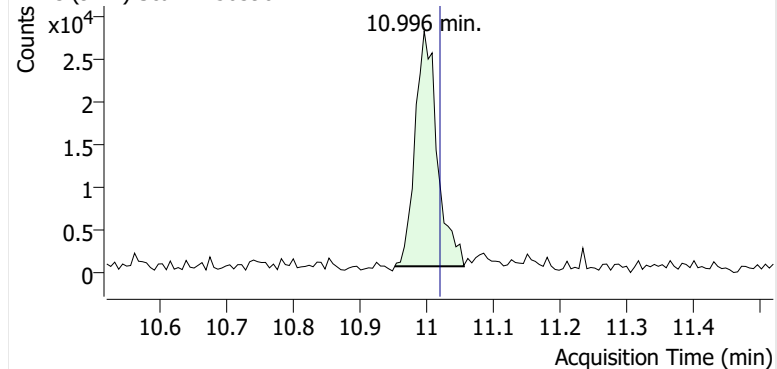
+ EIC (98.1) Scan P2503904.D



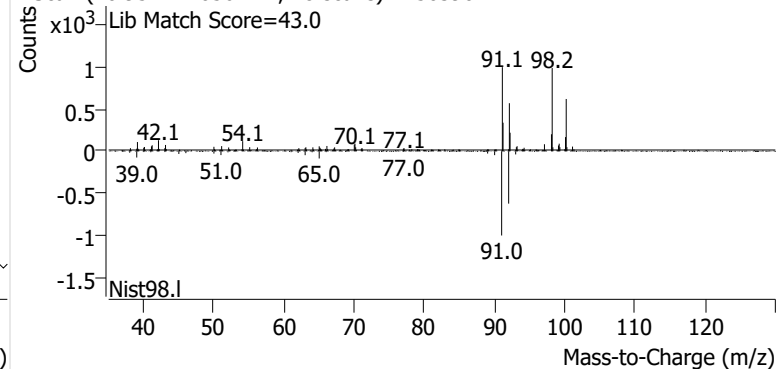
+ Scan (10.854-11.050 min, 33 scans) P2503904.D

**Toluene**

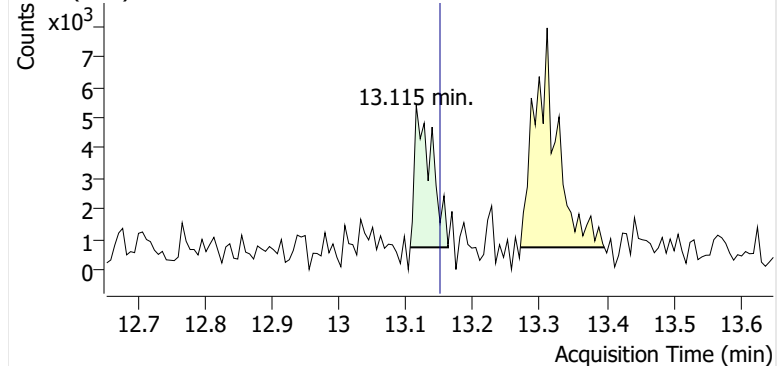
+ EIC (91.1) Scan P2503904.D



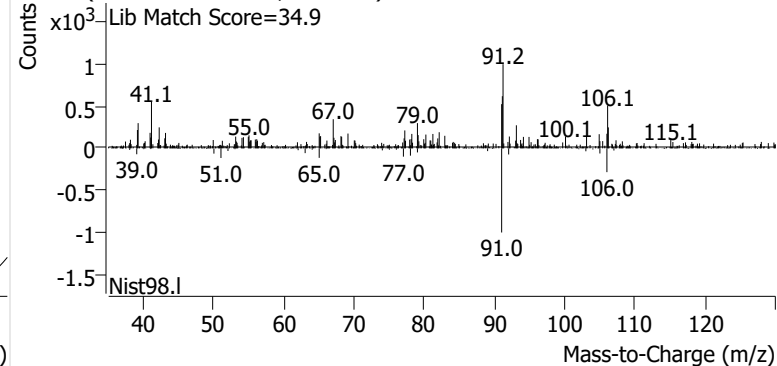
+ Scan (10.952-11.056 min, 18 scans) P2503904.D

**Ethylbenzene**

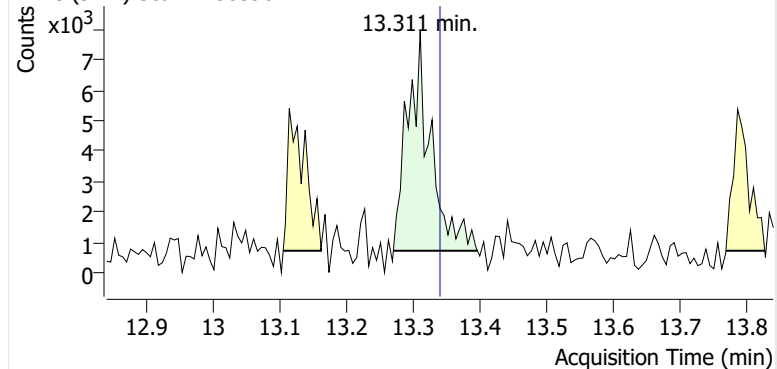
+ EIC (91.1) Scan P2503904.D



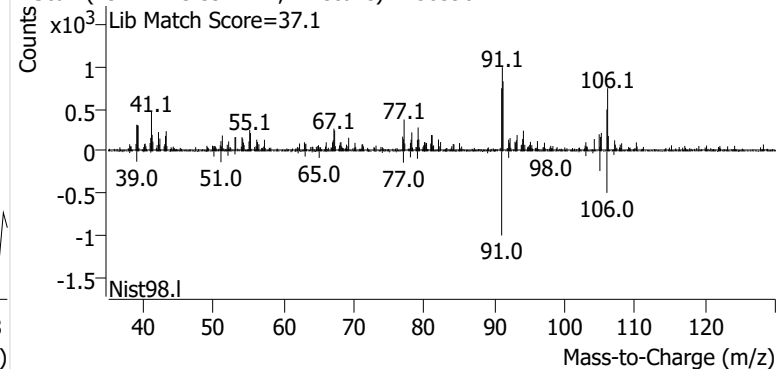
+ Scan (13.106-13.163 min, 10 scans) P2503904.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503904.D

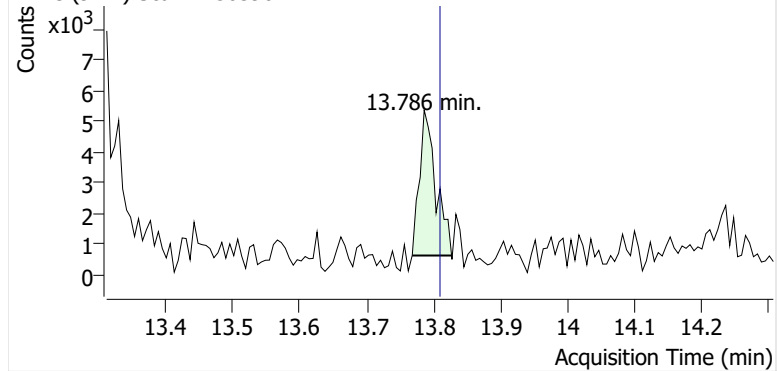


+ Scan (13.271-13.397 min, 21 scans) P2503904.D

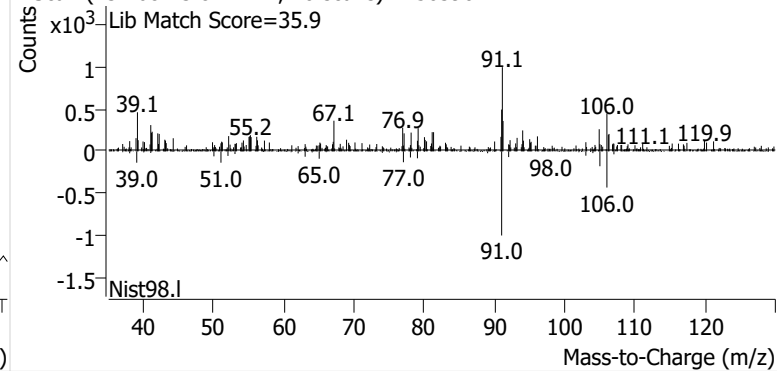


o-Xylene

+ EIC (91.1) Scan P2503904.D

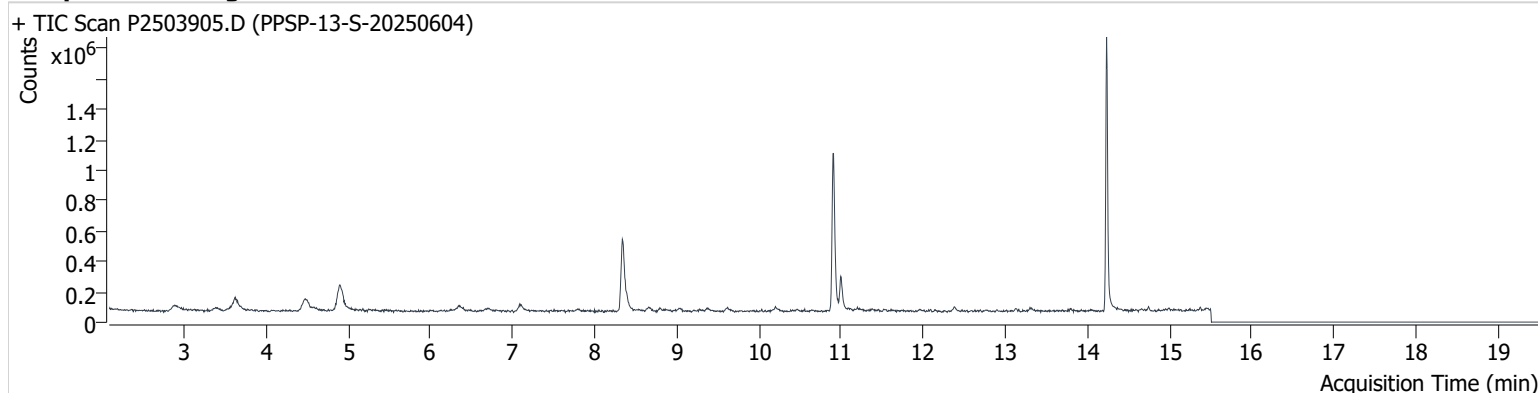


+ Scan (13.768-13.827 min, 10 scans) P2503904.D



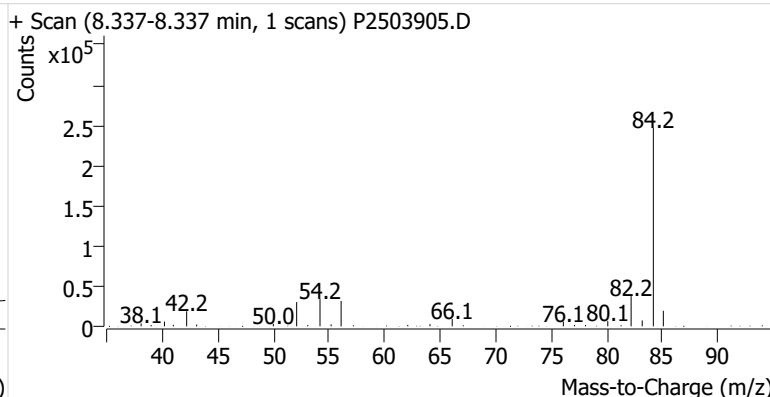
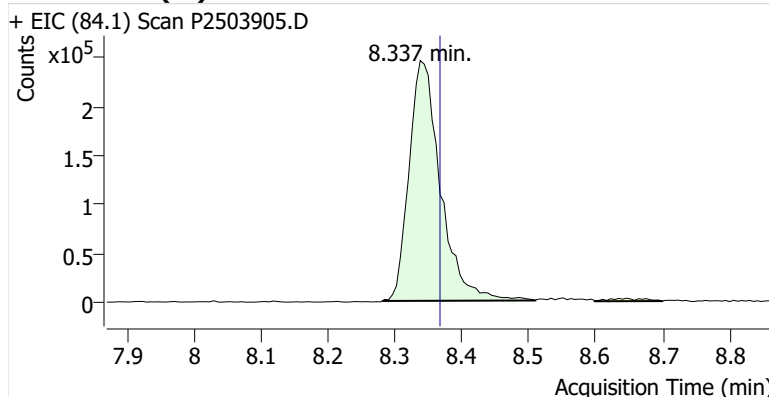
Name PPSP-13-S-20250604
Comment C43546
Data File P2503905.D
Acq. Date-Time 6/22/2025 7:42:05 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

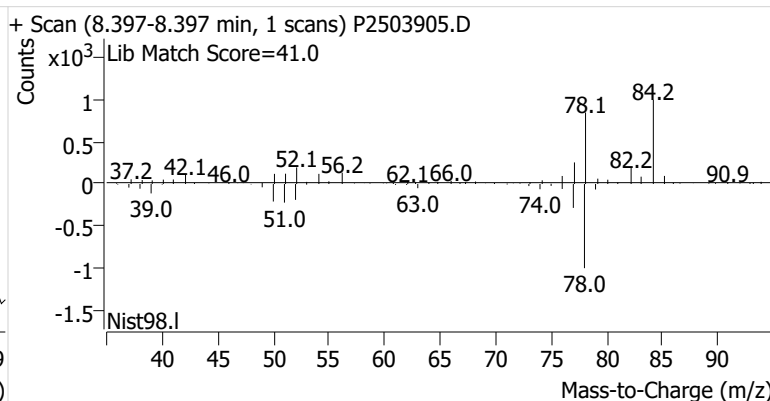
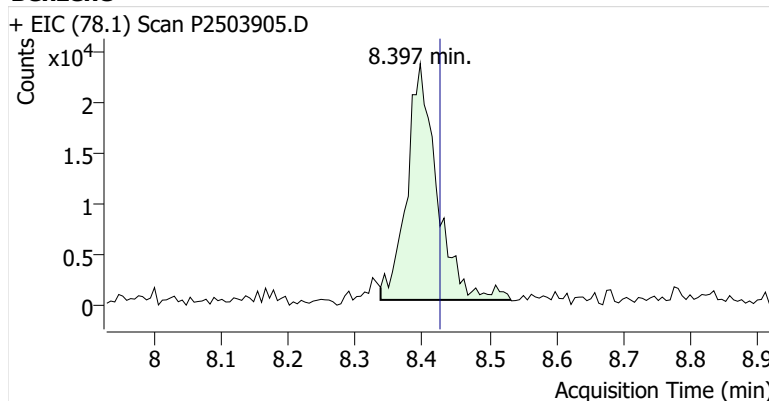


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	802,075	
Benzene	benzene-d6 (IS)	8.397	8.426	73,552	
Toluene-d8 (IS)		10.907	10.931	976,004	
Toluene	Toluene-d8 (IS)	11.002	11.020	195,819	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	8,475	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	22,745	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	9,041	

benzene-d6 (IS)

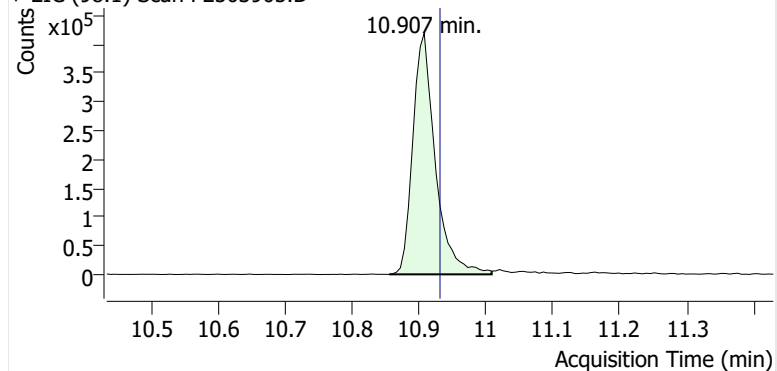


Benzene

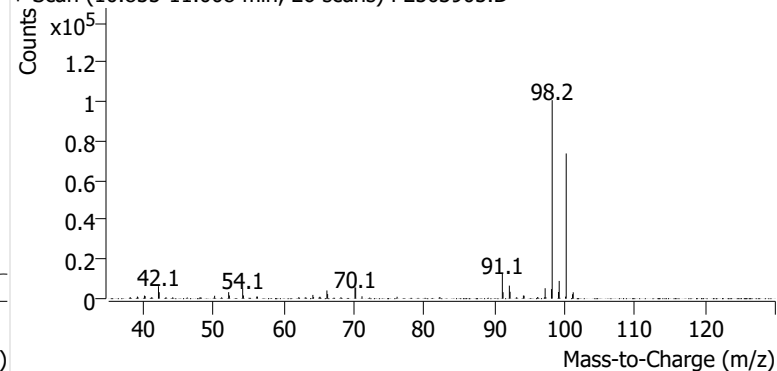


Toluene-d8 (IS)

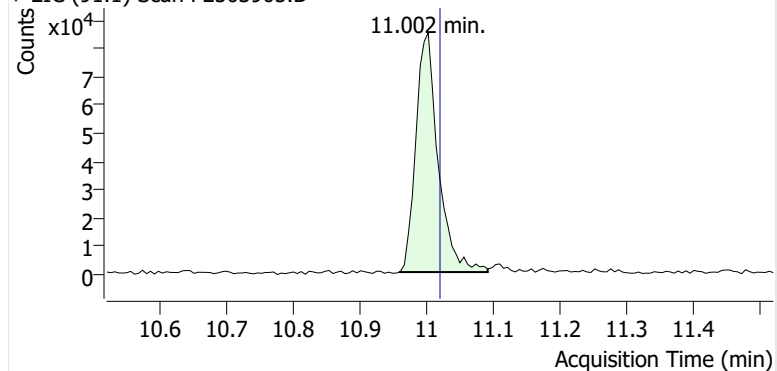
+ EIC (98.1) Scan P2503905.D



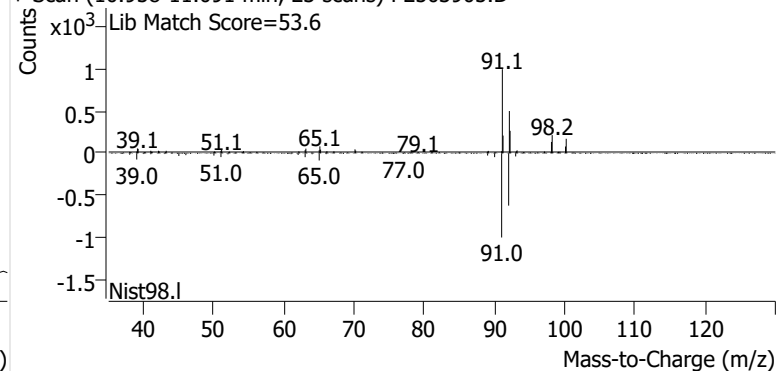
+ Scan (10.855-11.008 min, 26 scans) P2503905.D

**Toluene**

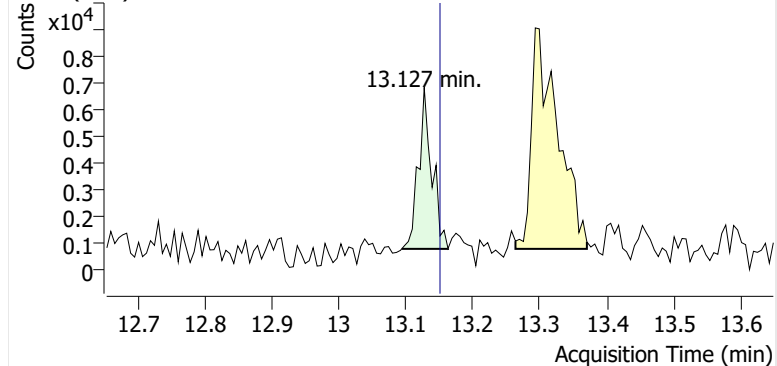
+ EIC (91.1) Scan P2503905.D



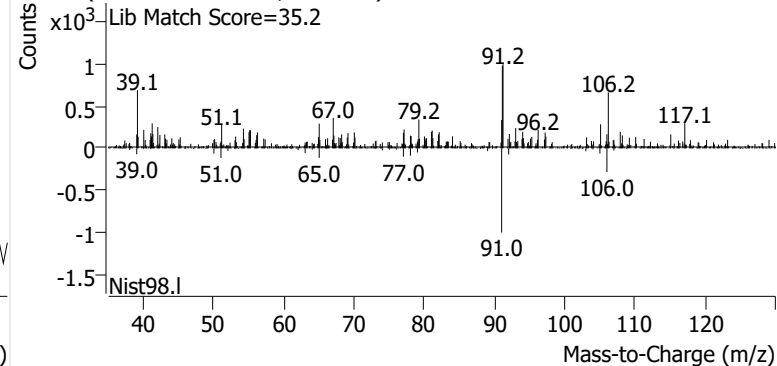
+ Scan (10.958-11.091 min, 23 scans) P2503905.D

**Ethylbenzene**

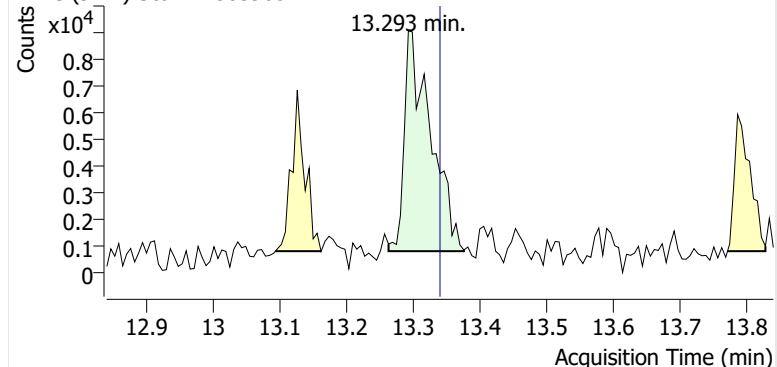
+ EIC (91.1) Scan P2503905.D



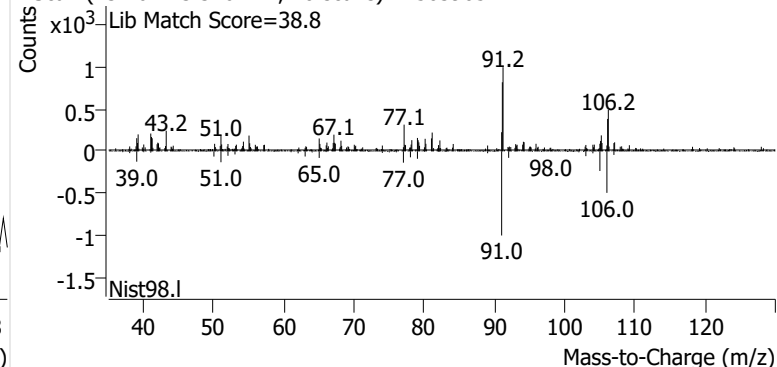
+ Scan (13.093-13.163 min, 12 scans) P2503905.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503905.D

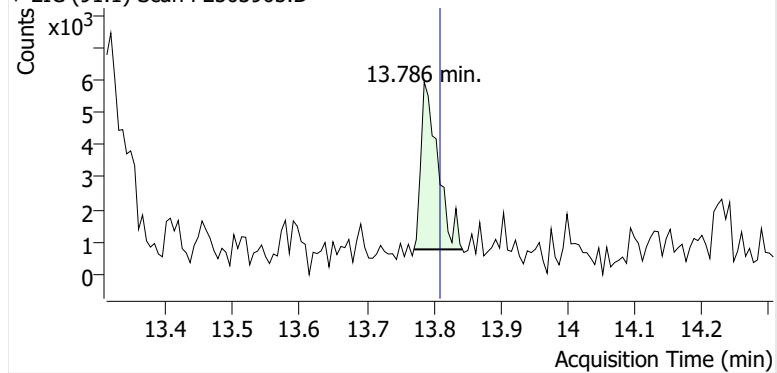


+ Scan (13.264-13.376 min, 20 scans) P2503905.D

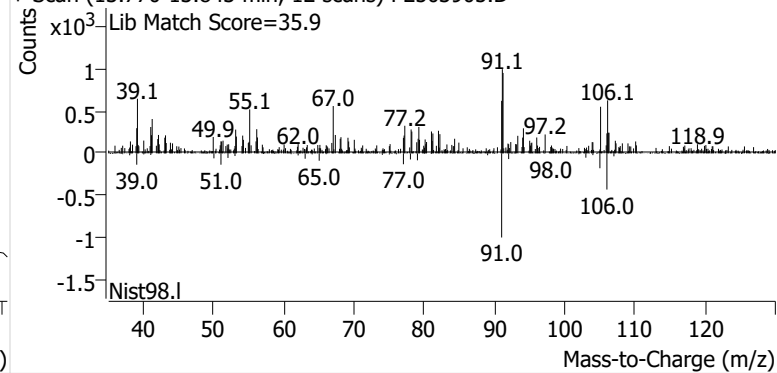


o-Xylene

+ EIC (91.1) Scan P2503905.D

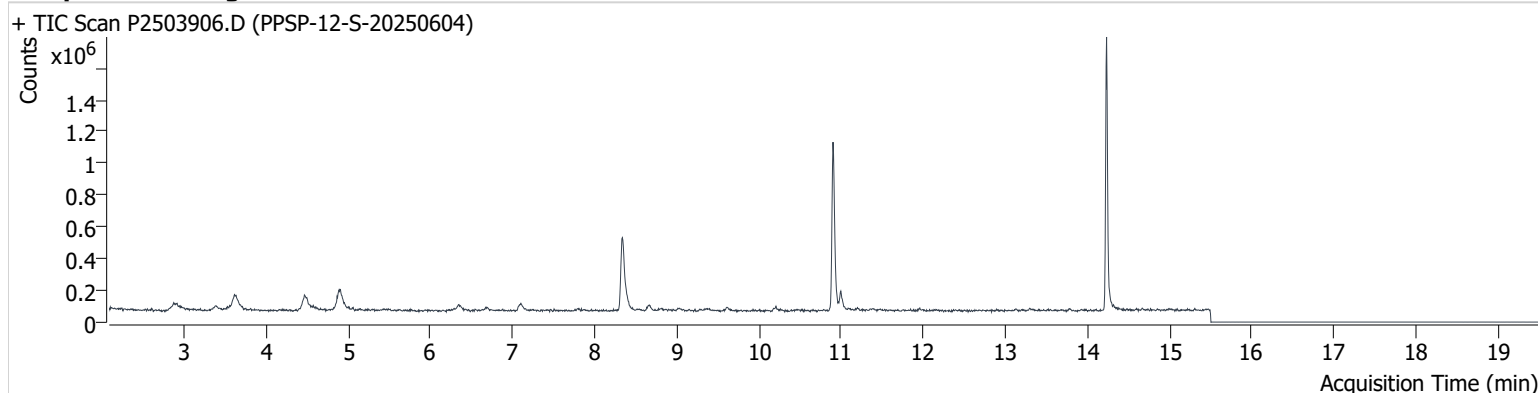


+ Scan (13.770-13.843 min, 12 scans) P2503905.D



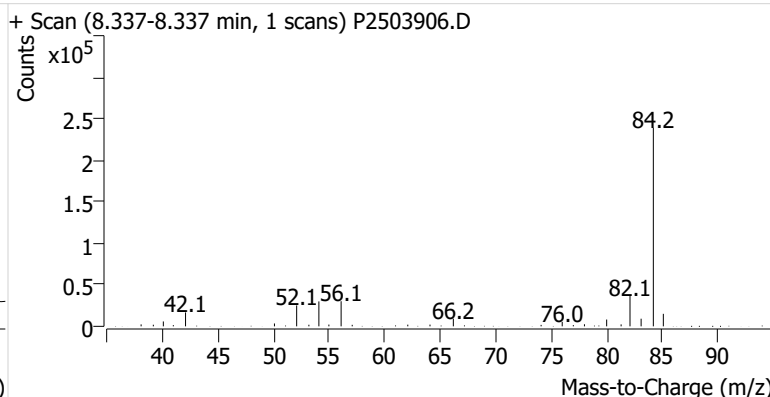
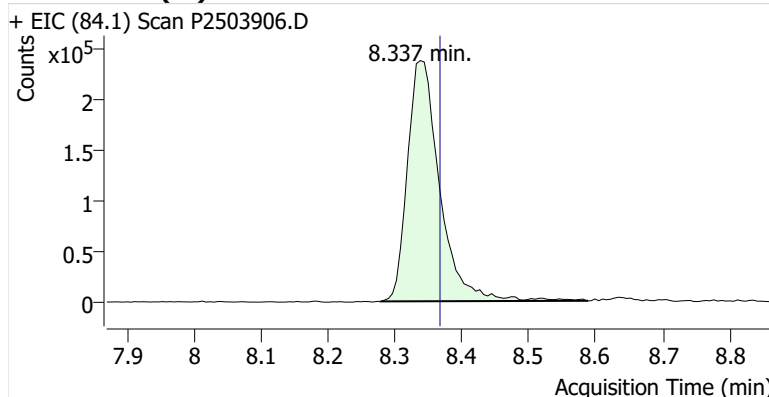
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Comment C38933
Data File P2503906.D
Acq. Date-Time 6/22/2025 8:19:23 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

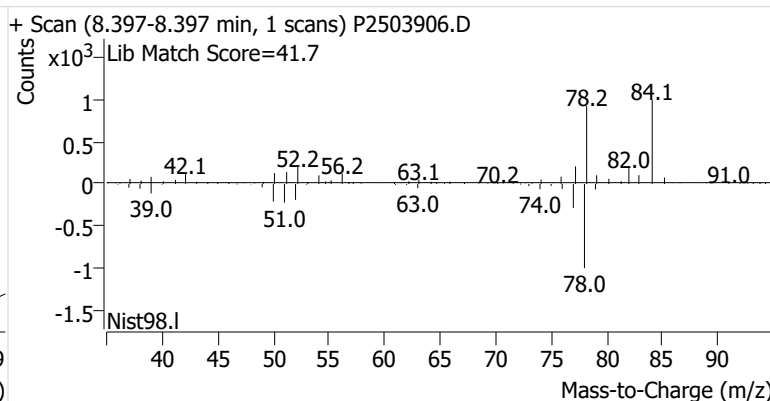
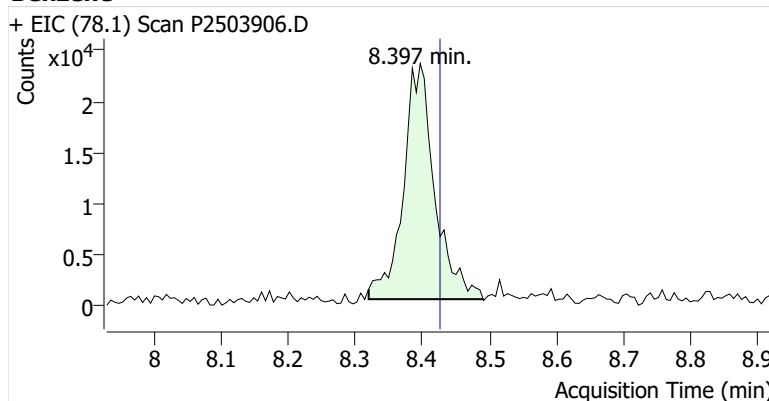


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	792,319	
Benzene	benzene-d6 (IS)	8.397	8.426	75,753	
Toluene-d8 (IS)		10.901	10.931	941,848	
Toluene	Toluene-d8 (IS)	10.990	11.020	88,291	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	5,943	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	11,879	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	3,383	

benzene-d6 (IS)

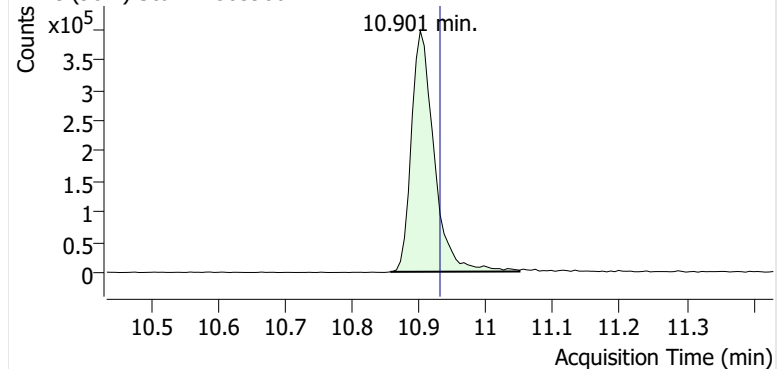


Benzene

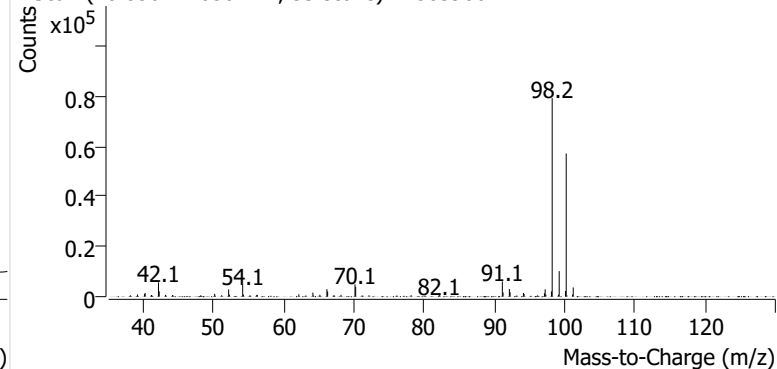


Toluene-d8 (IS)

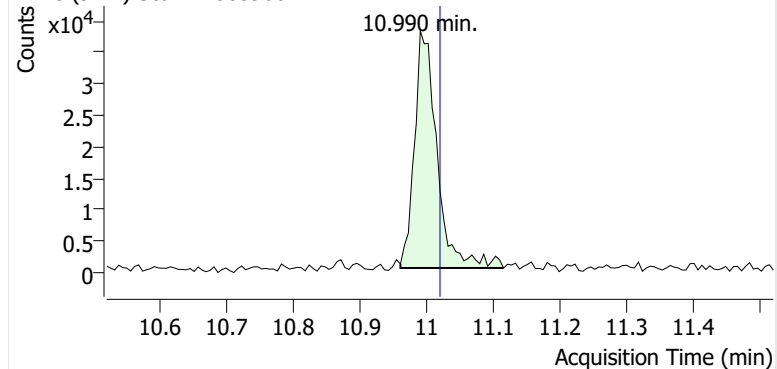
+ EIC (98.1) Scan P2503906.D



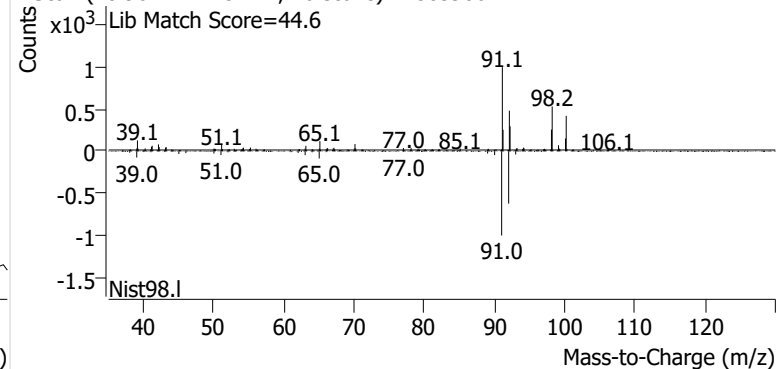
+ Scan (10.856-11.050 min, 33 scans) P2503906.D

**Toluene**

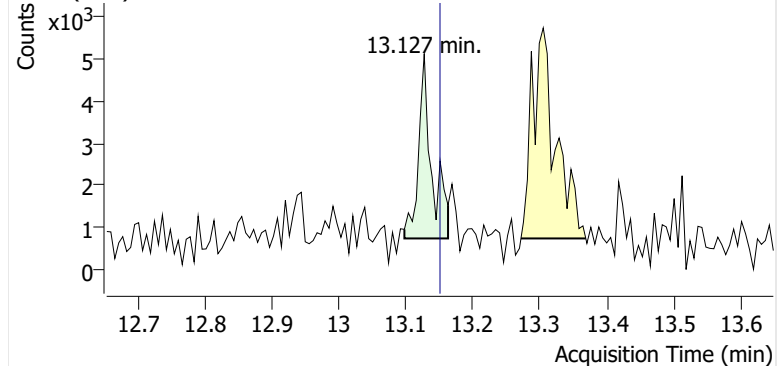
+ EIC (91.1) Scan P2503906.D



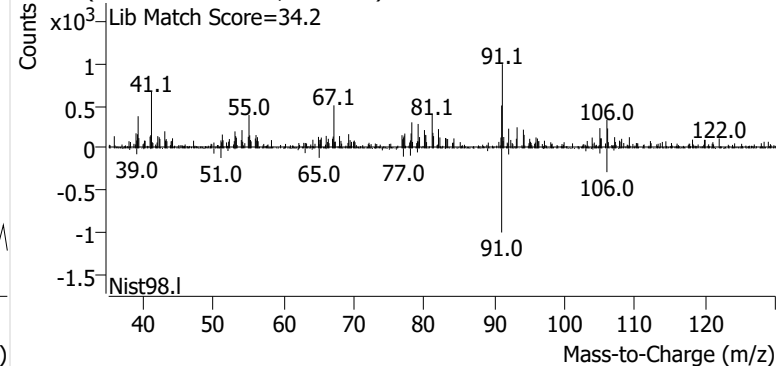
+ Scan (10.961-11.115 min, 26 scans) P2503906.D

**Ethylbenzene**

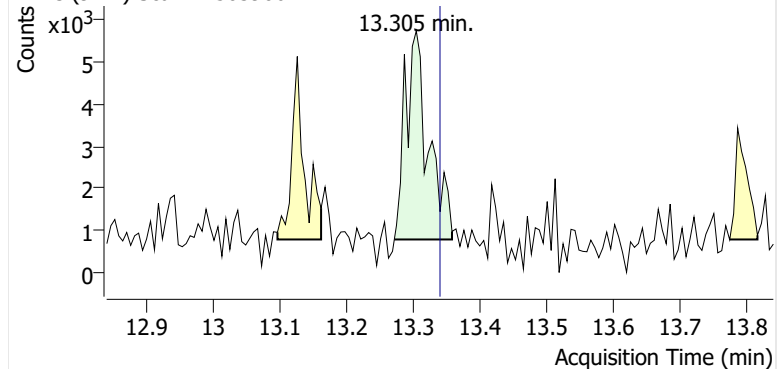
+ EIC (91.1) Scan P2503906.D



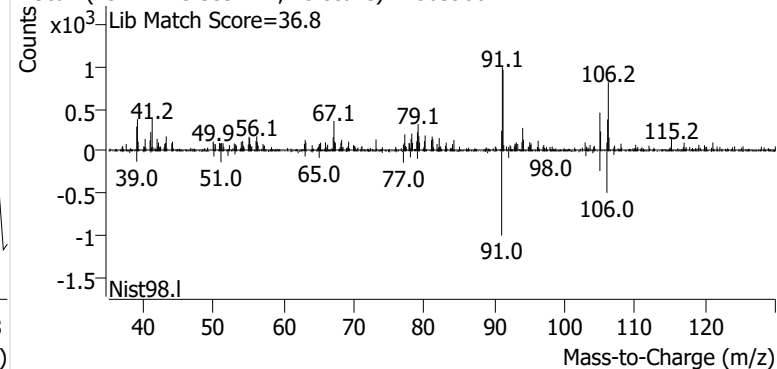
+ Scan (13.097-13.163 min, 12 scans) P2503906.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503906.D

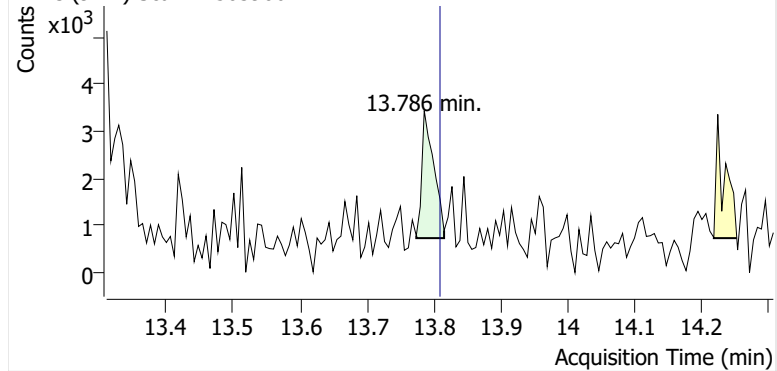


+ Scan (13.272-13.359 min, 15 scans) P2503906.D

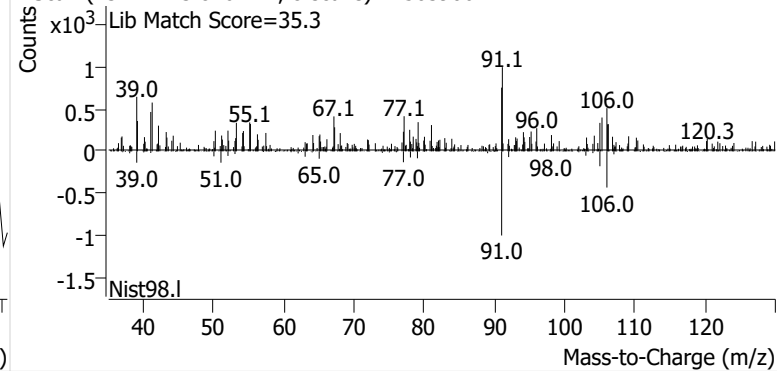


o-Xylene

+ EIC (91.1) Scan P2503906.D

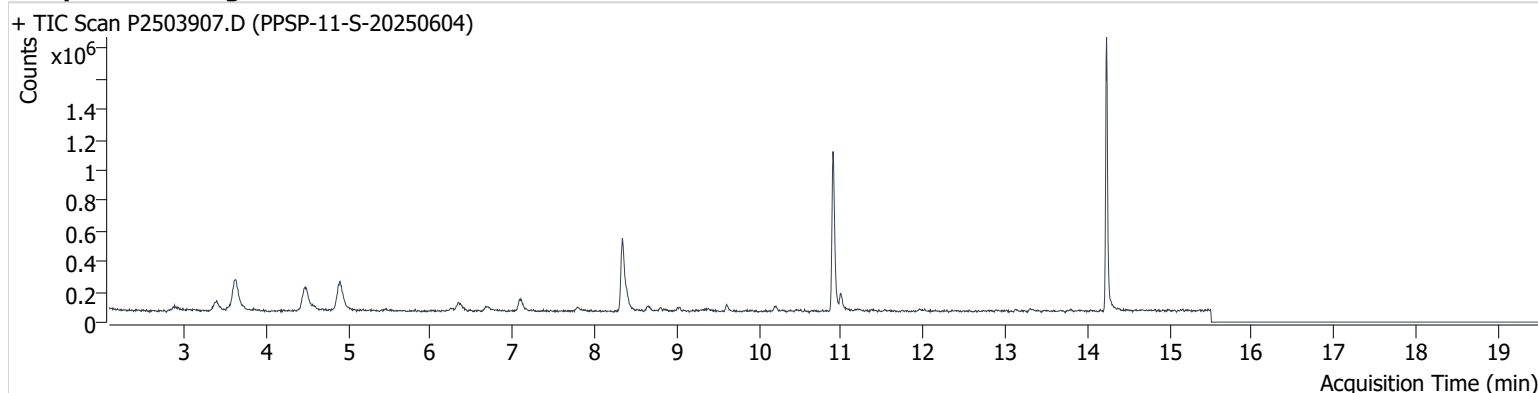


+ Scan (13.774-13.816 min, 8 scans) P2503906.D



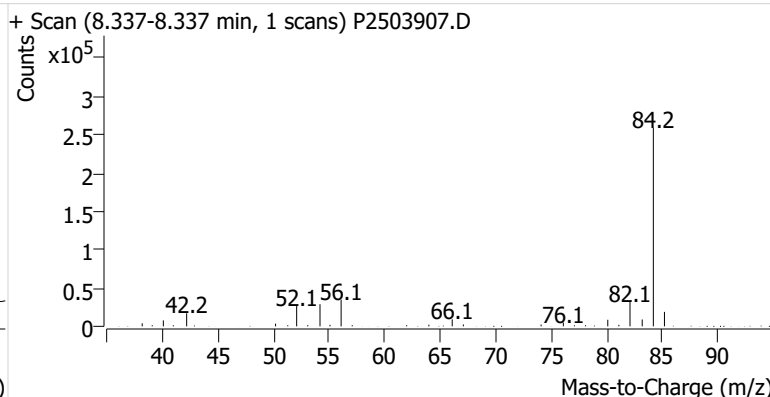
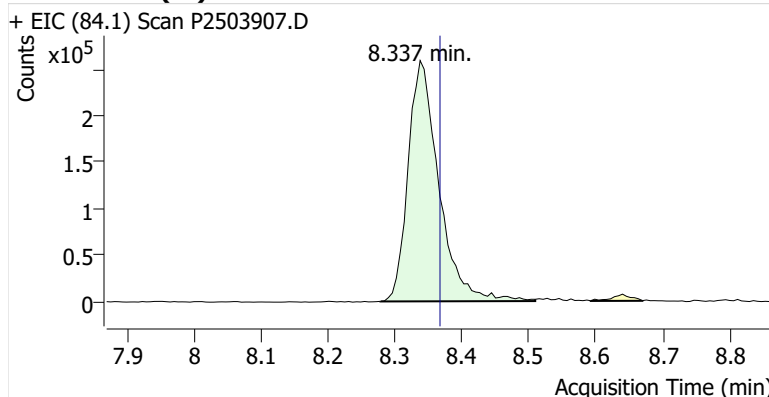
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Comment B47114
Data File P2503907.D
Acq. Date-Time 6/22/2025 8:56:40 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

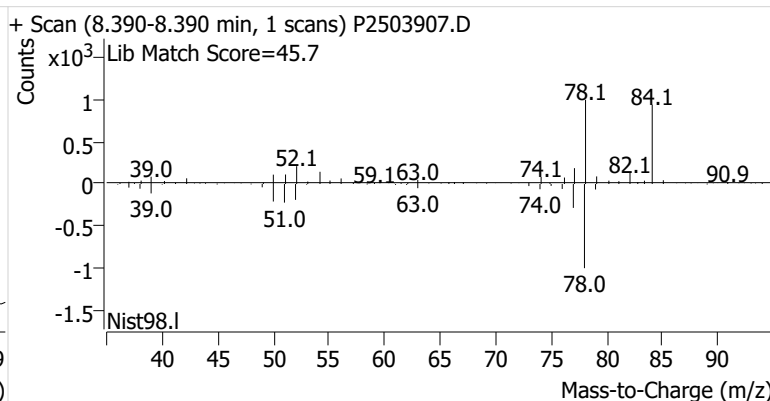
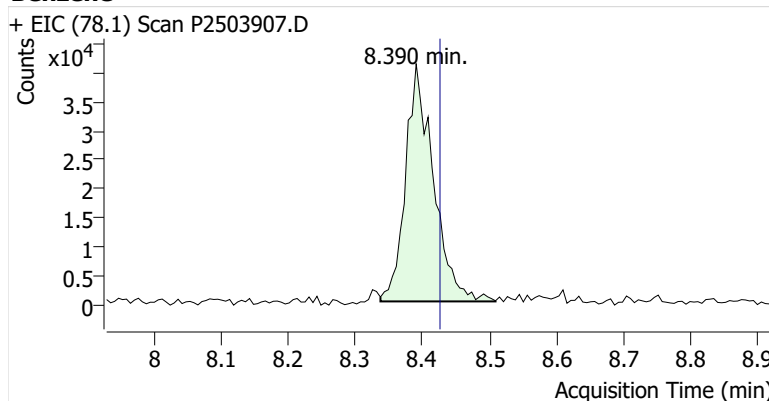


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	824,524	
Benzene	benzene-d6 (IS)	8.390	8.426	118,666	
Toluene-d8 (IS)		10.901	10.931	970,661	
Toluene	Toluene-d8 (IS)	10.996	11.020	90,736	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	7,753	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	14,045	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	5,884	

benzene-d6 (IS)

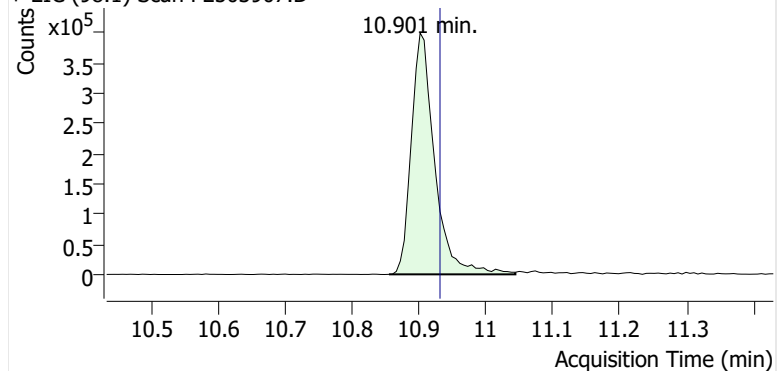


Benzene

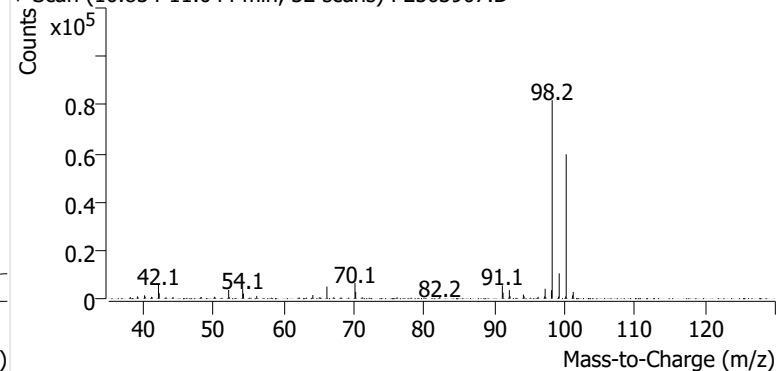


Toluene-d8 (IS)

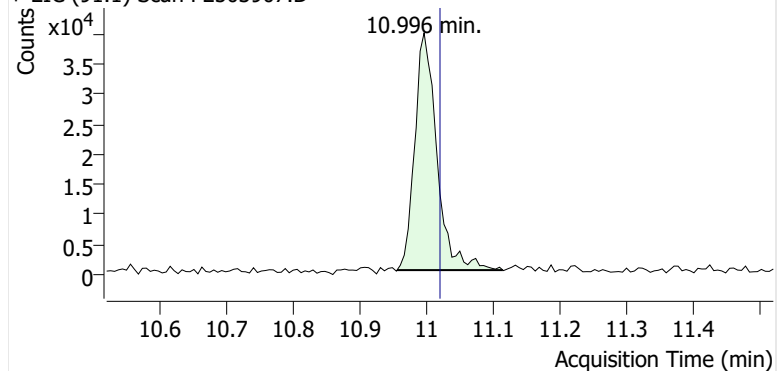
+ EIC (98.1) Scan P2503907.D



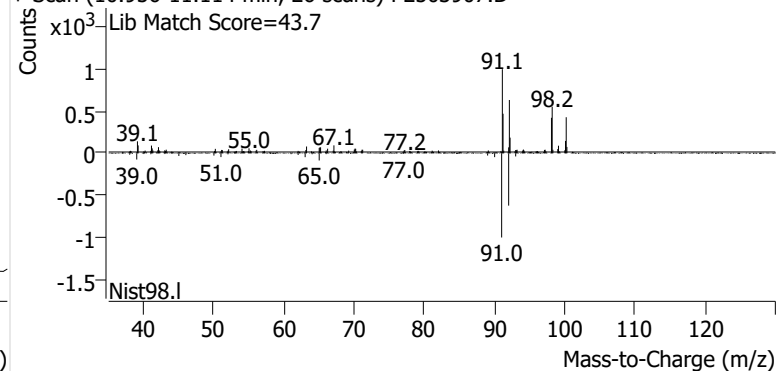
+ Scan (10.854-11.044 min, 32 scans) P2503907.D

**Toluene**

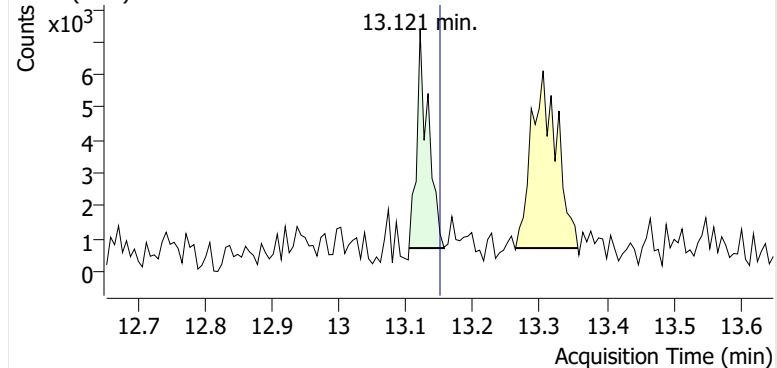
+ EIC (91.1) Scan P2503907.D



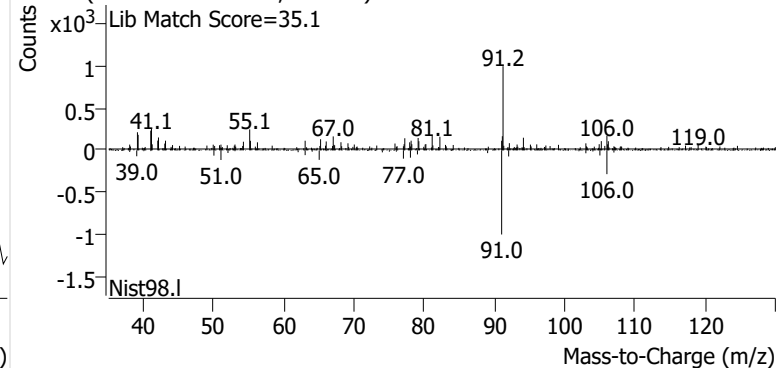
+ Scan (10.956-11.114 min, 26 scans) P2503907.D

**Ethylbenzene**

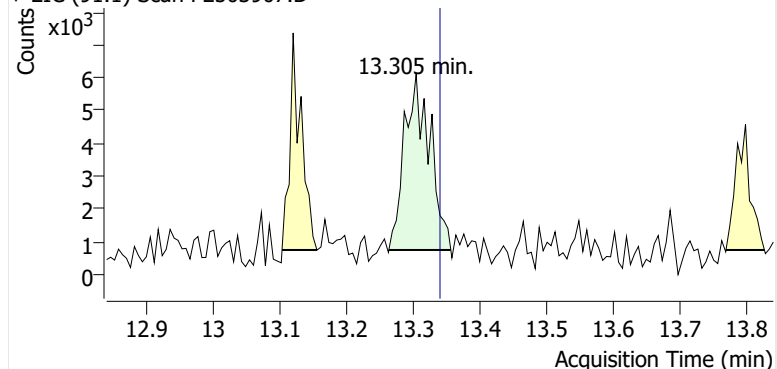
+ EIC (91.1) Scan P2503907.D



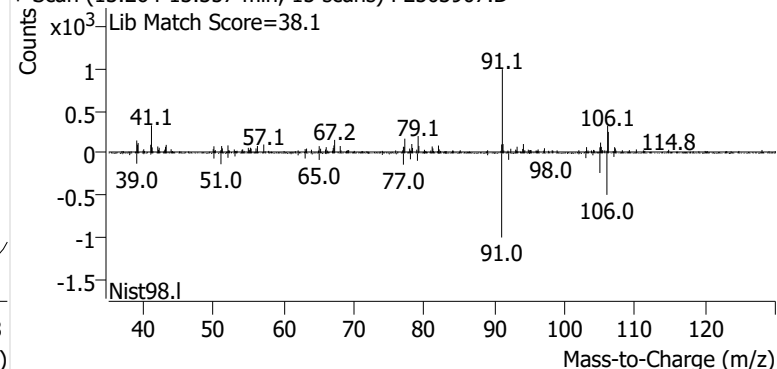
+ Scan (13.104-13.157 min, 9 scans) P2503907.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503907.D

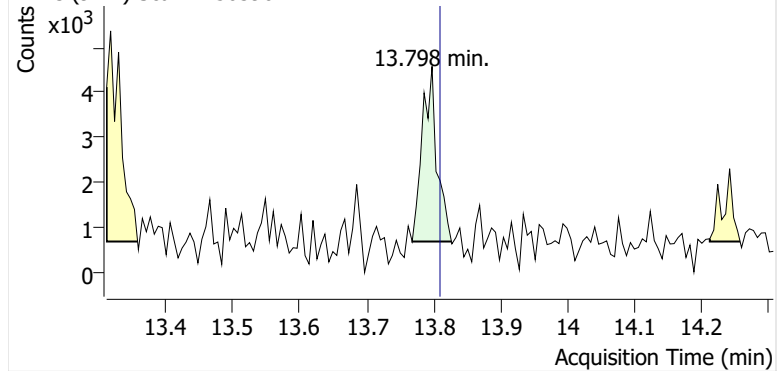


+ Scan (13.264-13.357 min, 15 scans) P2503907.D

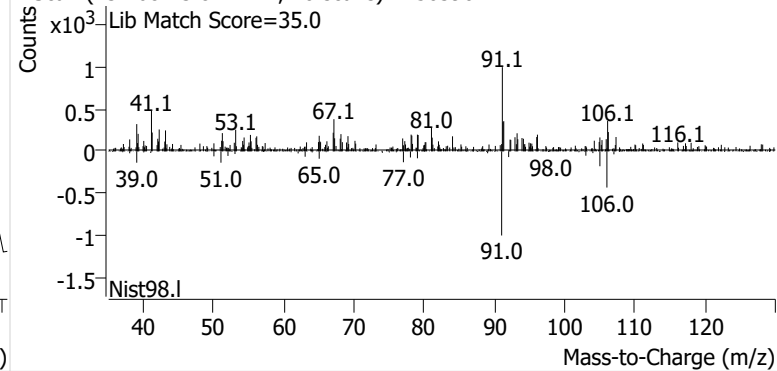


o-Xylene

+ EIC (91.1) Scan P2503907.D

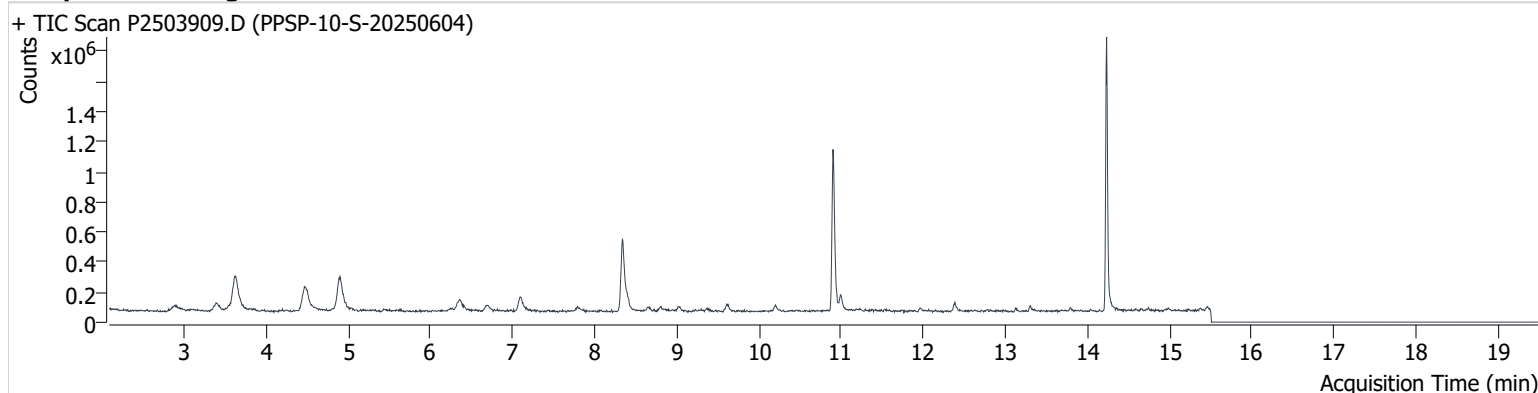


+ Scan (13.768-13.827 min, 10 scans) P2503907.D



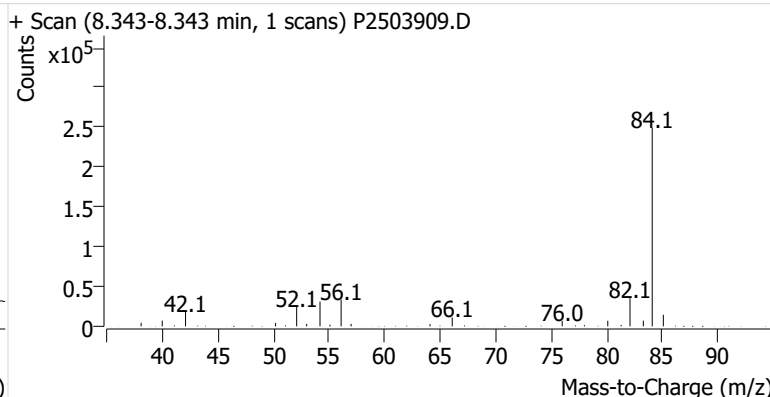
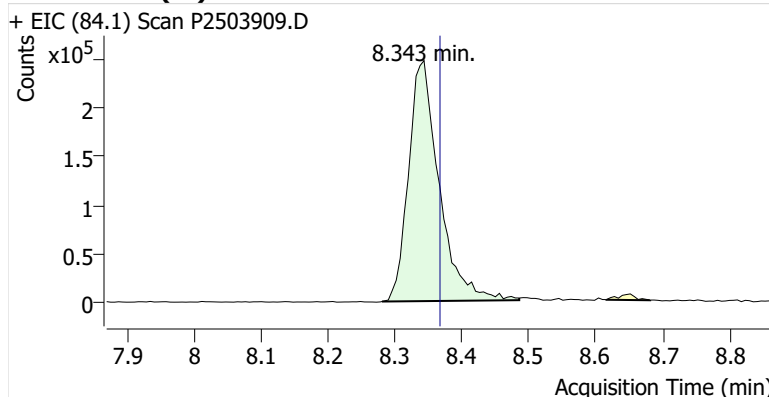
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Comment C43931
Data File P2503909.D
Acq. Date-Time 6/22/2025 10:11:17 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

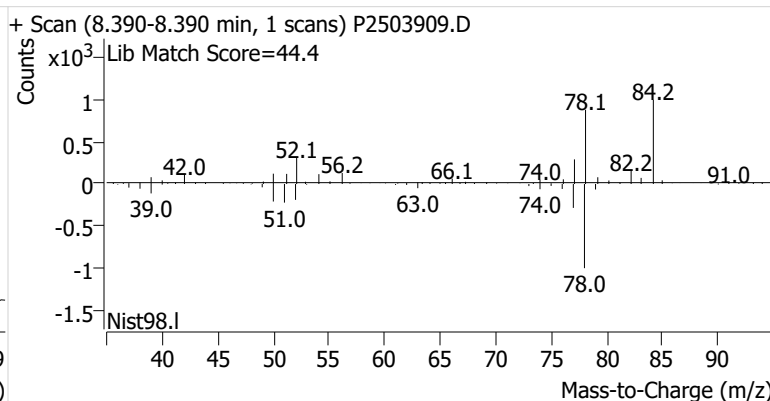
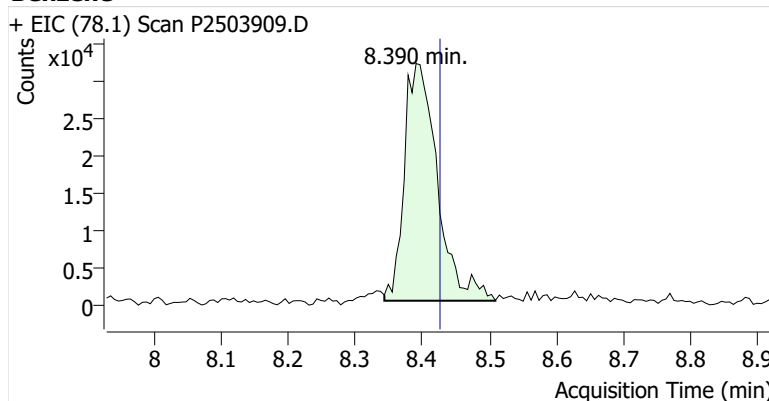


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	789,413	
Benzene	benzene-d6 (IS)	8.390	8.426	109,222	
Toluene-d8 (IS)		10.901	10.931	974,707	
Toluene	Toluene-d8 (IS)	10.996	11.020	78,959	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	13,573	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	29,048	
o-Xylene	Toluene-d8 (IS)	13.791	13.809	12,326	

benzene-d6 (IS)

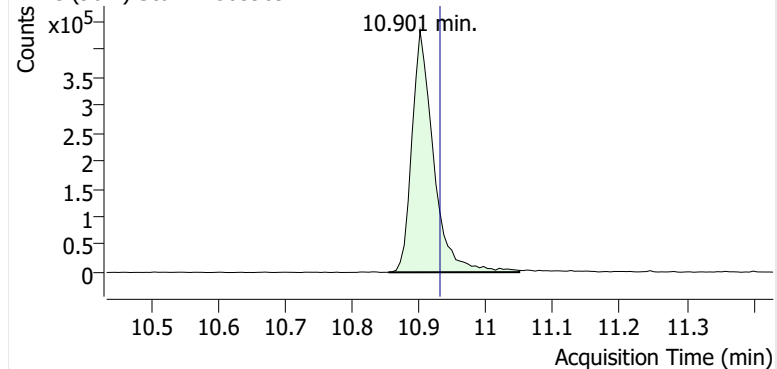


Benzene

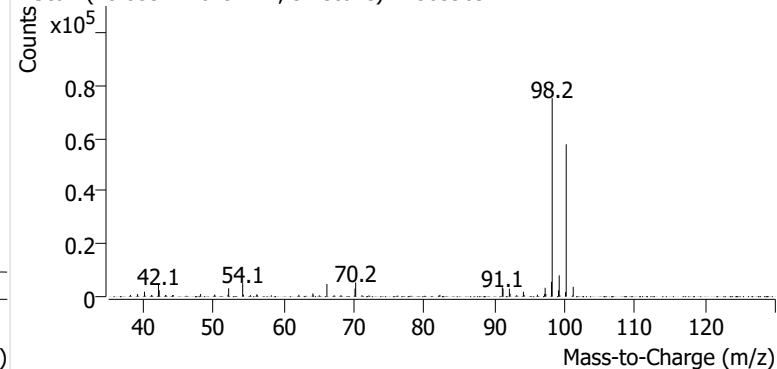


Toluene-d8 (IS)

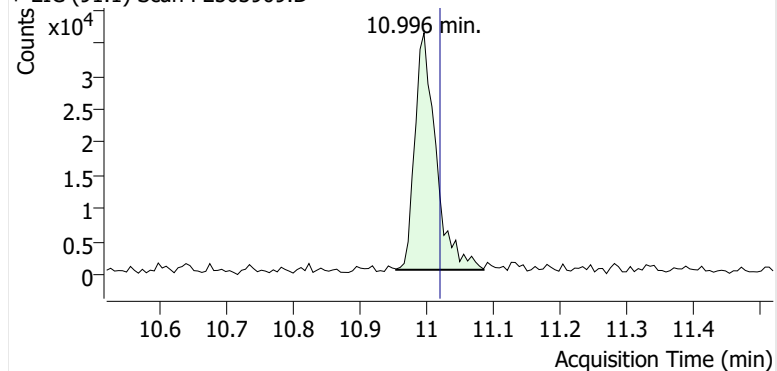
+ EIC (98.1) Scan P2503909.D



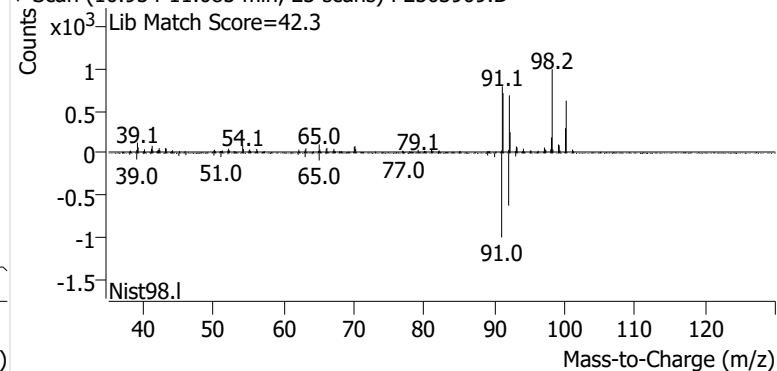
+ Scan (10.853-11.049 min, 34 scans) P2503909.D

**Toluene**

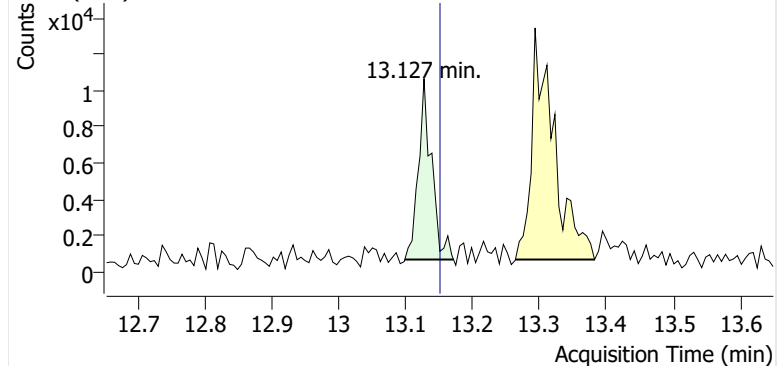
+ EIC (91.1) Scan P2503909.D



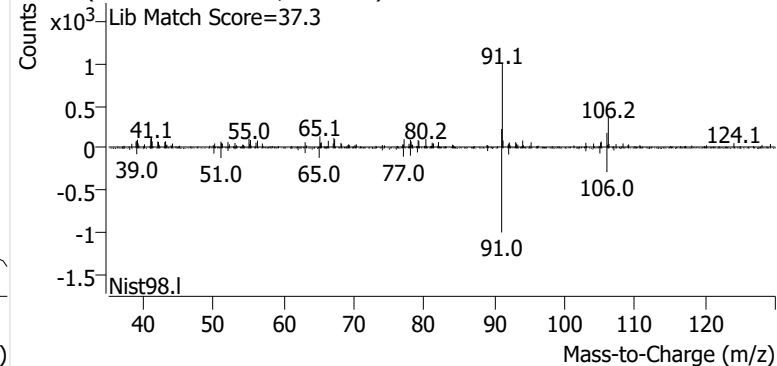
+ Scan (10.954-11.085 min, 23 scans) P2503909.D

**Ethylbenzene**

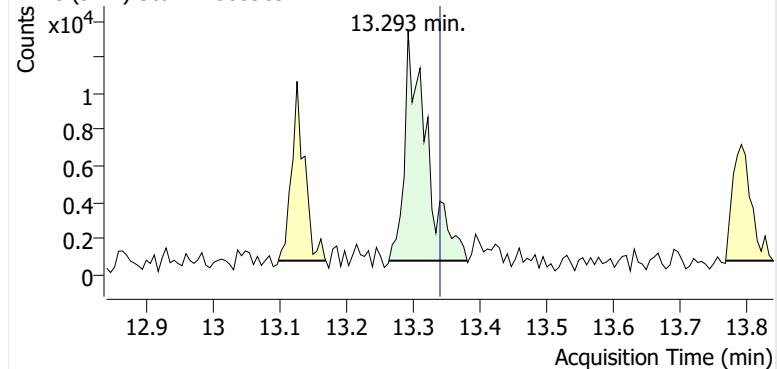
+ EIC (91.1) Scan P2503909.D



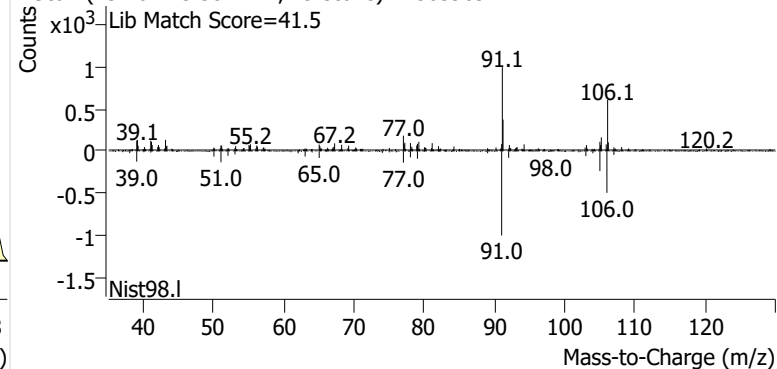
+ Scan (13.098-13.171 min, 12 scans) P2503909.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503909.D

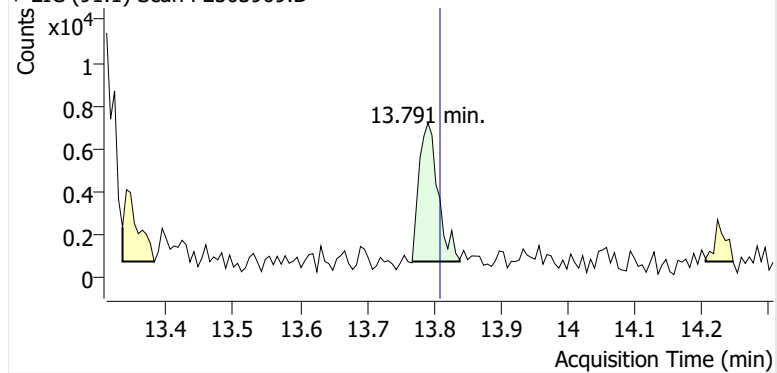


+ Scan (13.264-13.381 min, 19 scans) P2503909.D

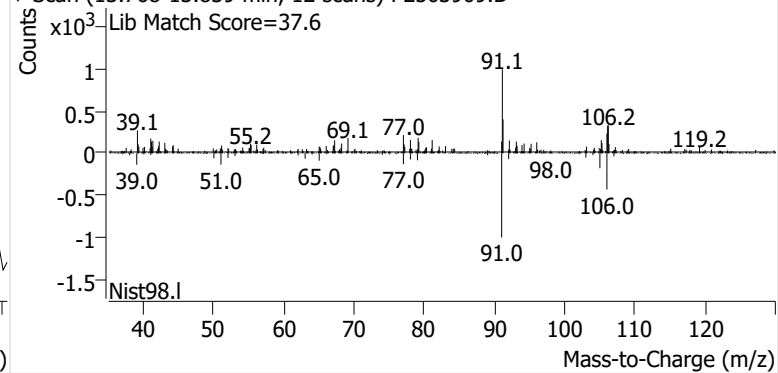


o-Xylene

+ EIC (91.1) Scan P2503909.D

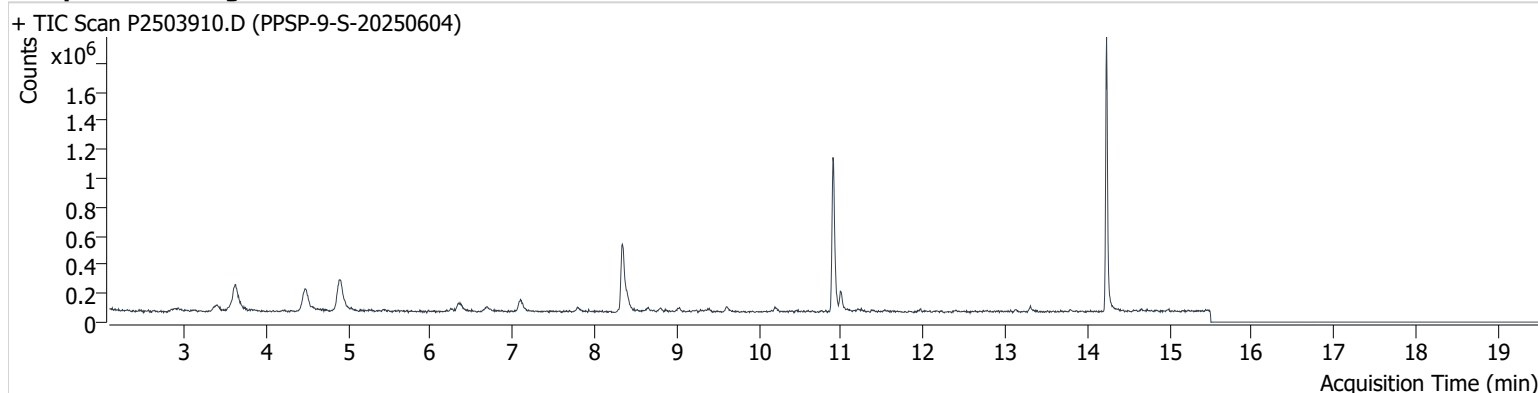


+ Scan (13.768-13.839 min, 12 scans) P2503909.D



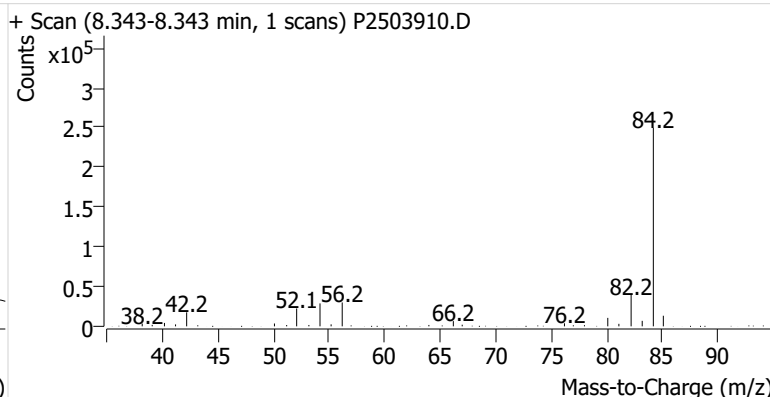
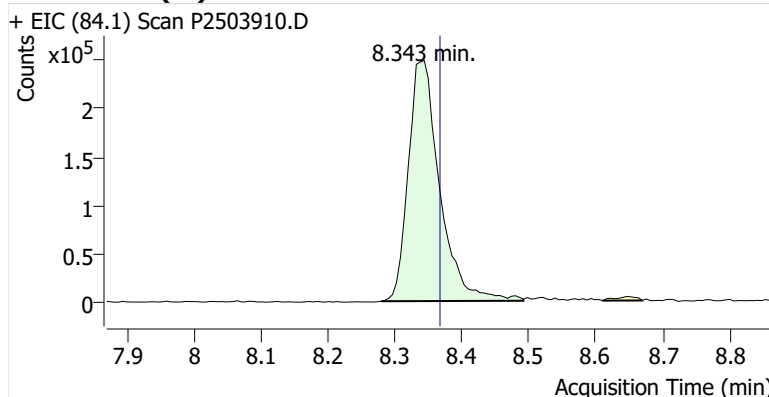
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Comment B15412
Data File P2503910.D
Acq. Date-Time 6/22/2025 10:48:34 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

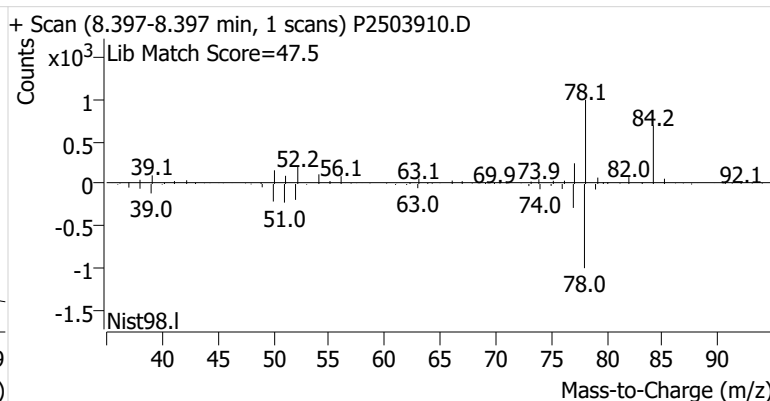
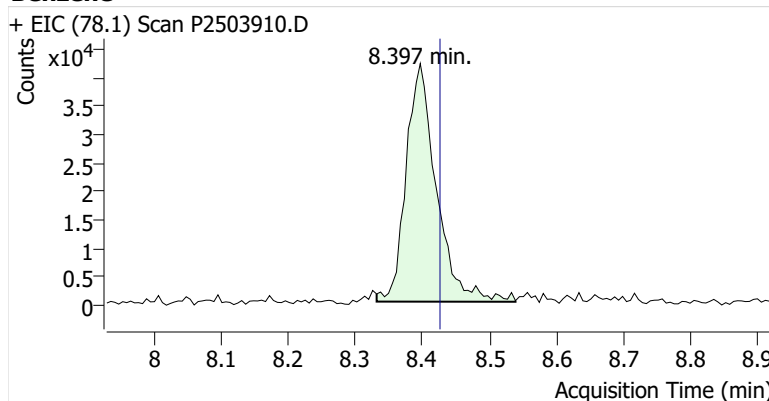


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	811,583	
Benzene	benzene-d6 (IS)	8.397	8.426	132,182	
Toluene-d8 (IS)		10.901	10.931	981,885	
Toluene	Toluene-d8 (IS)	10.990	11.020	116,567	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	12,557	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	25,137	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	12,888	

benzene-d6 (IS)

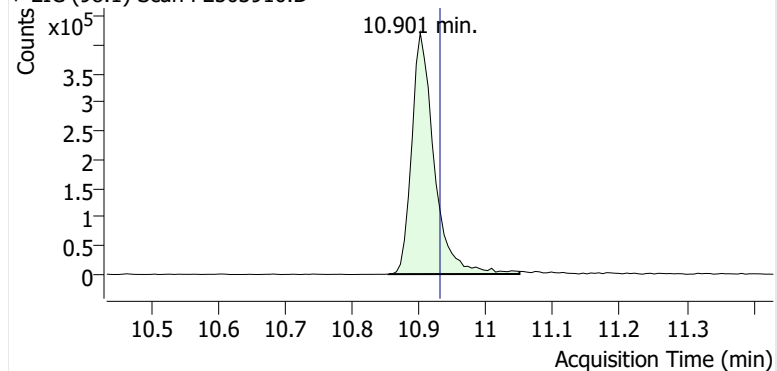


Benzene

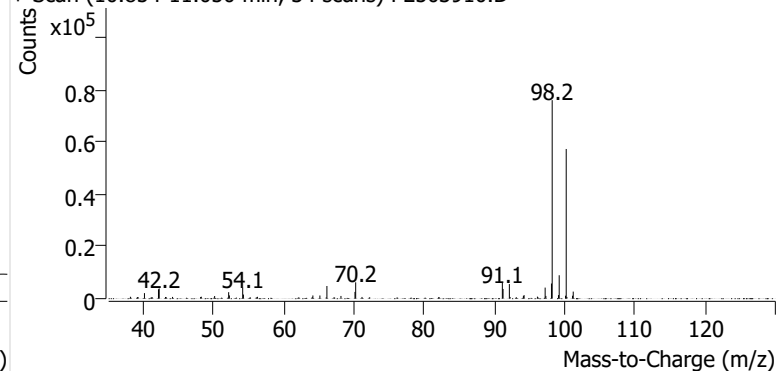


Toluene-d8 (IS)

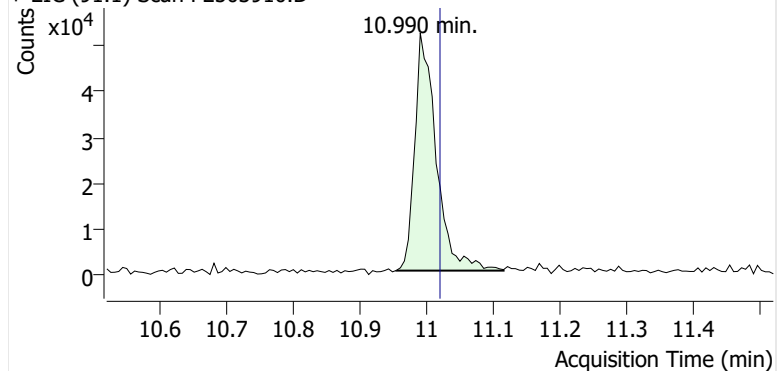
+ EIC (98.1) Scan P2503910.D



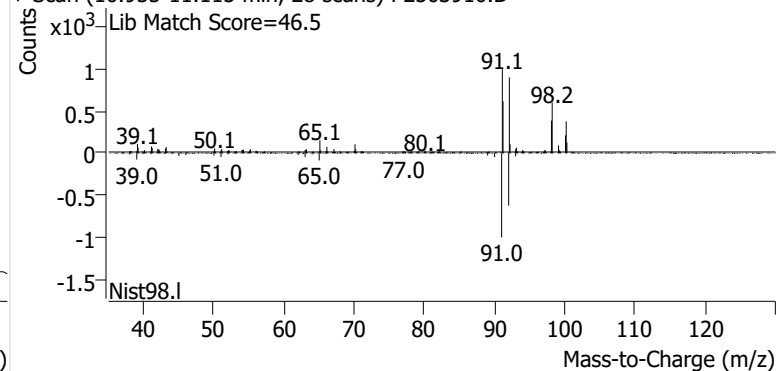
+ Scan (10.854-11.050 min, 34 scans) P2503910.D

**Toluene**

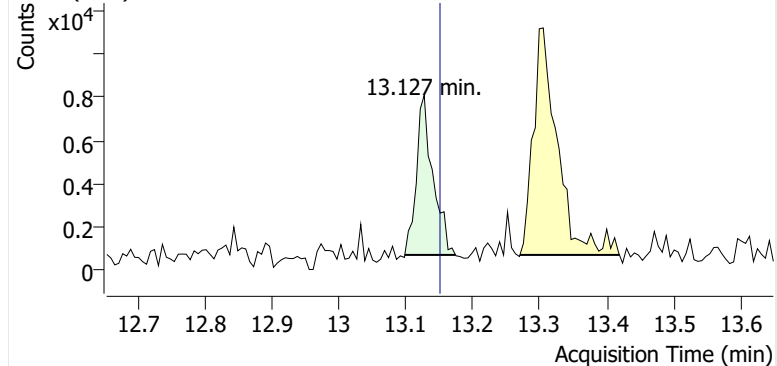
+ EIC (91.1) Scan P2503910.D



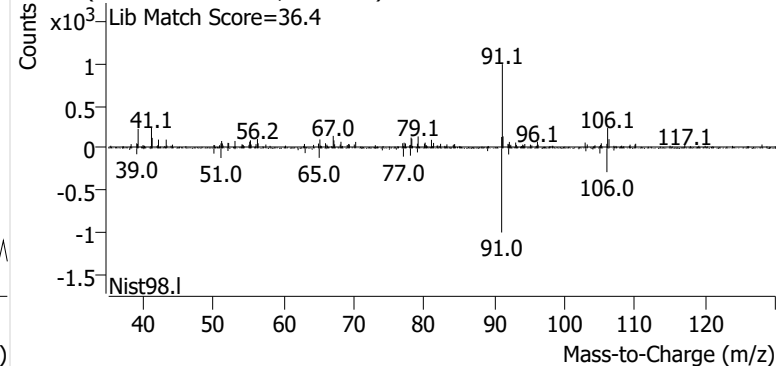
+ Scan (10.955-11.115 min, 28 scans) P2503910.D

**Ethylbenzene**

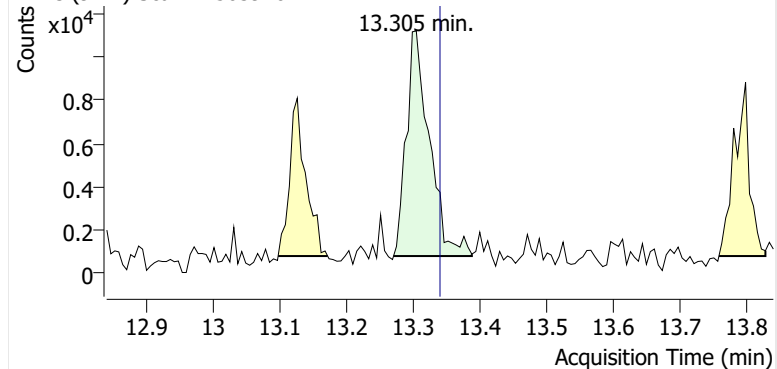
+ EIC (91.1) Scan P2503910.D



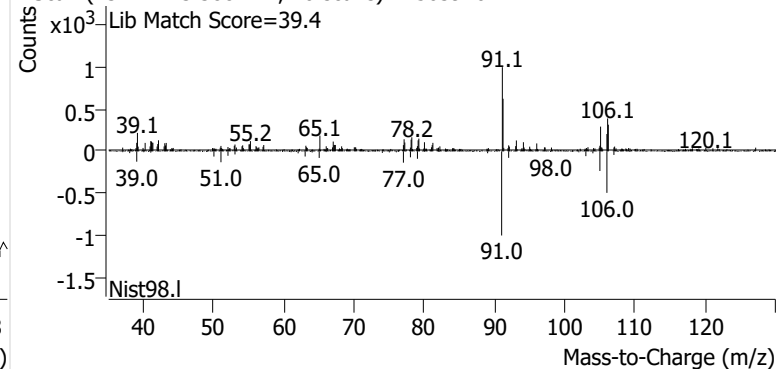
+ Scan (13.098-13.174 min, 12 scans) P2503910.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503910.D

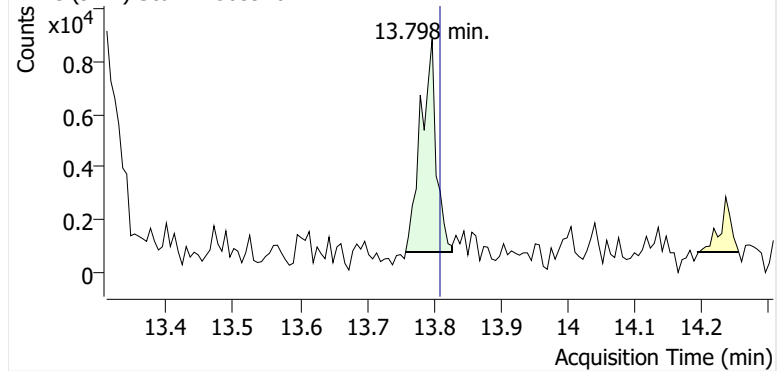


+ Scan (13.271-13.388 min, 20 scans) P2503910.D

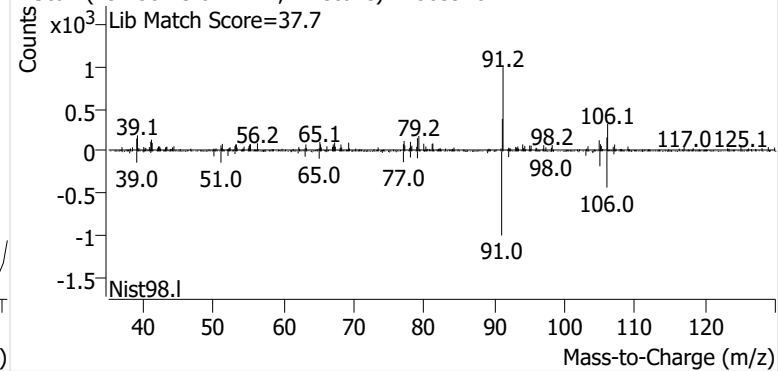


o-Xylene

+ EIC (91.1) Scan P2503910.D

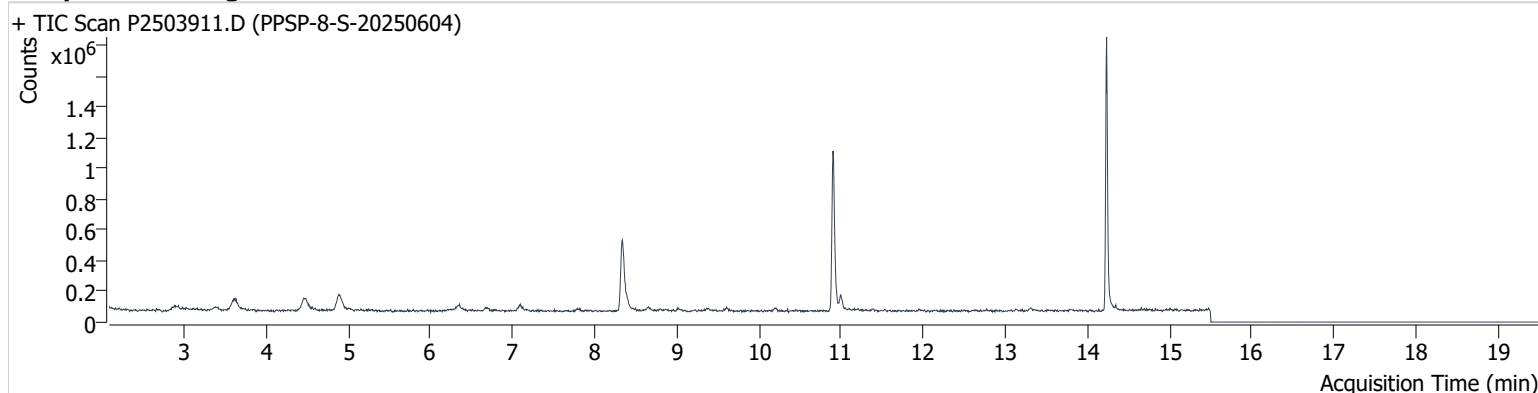


+ Scan (13.758-13.827 min, 12 scans) P2503910.D



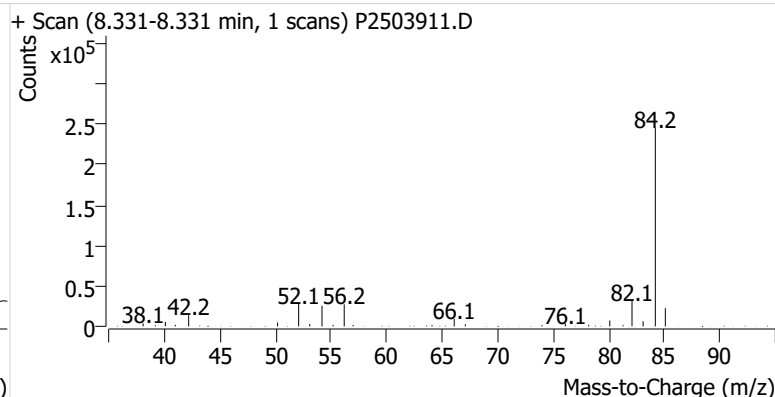
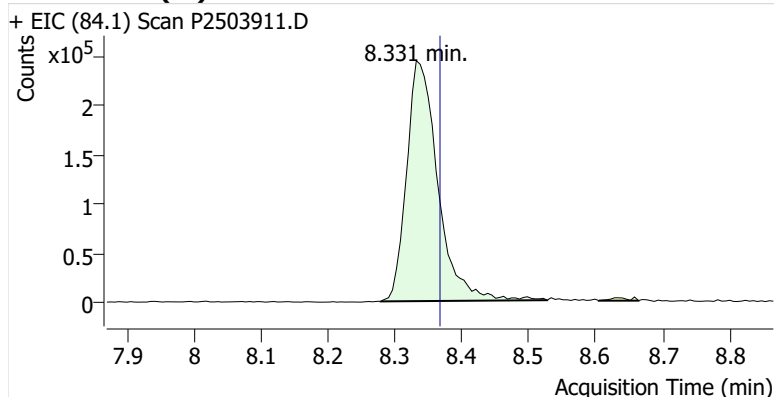
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Comment B19096
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Acq. Date-Time 6/22/2025 11:25:51 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

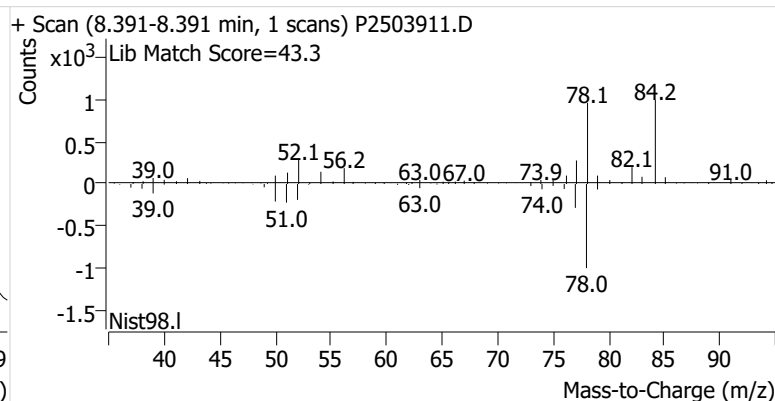
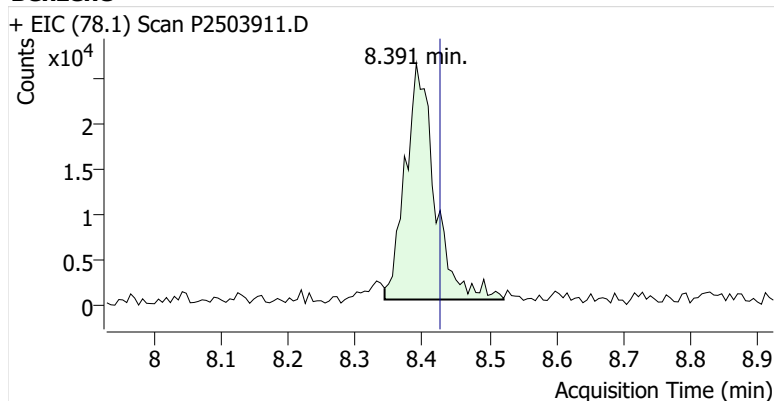


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.331	8.367	795,973	
Benzene	benzene-d6 (IS)	8.391	8.426	79,992	
Toluene-d8 (IS)		10.901	10.931	964,621	
Toluene	Toluene-d8 (IS)	10.990	11.020	78,087	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	7,813	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	17,626	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	5,948	m

benzene-d6 (IS)

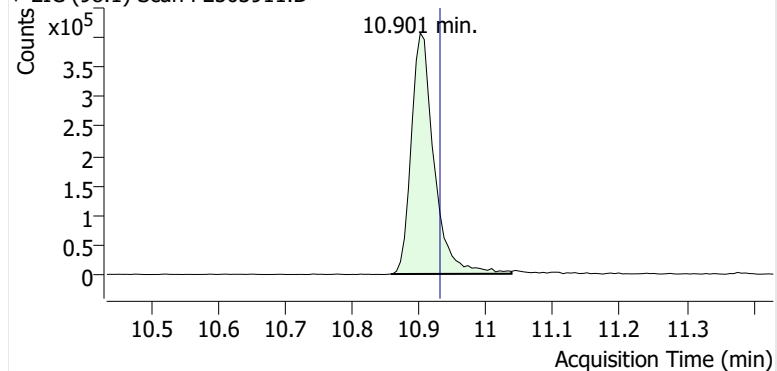


Benzene

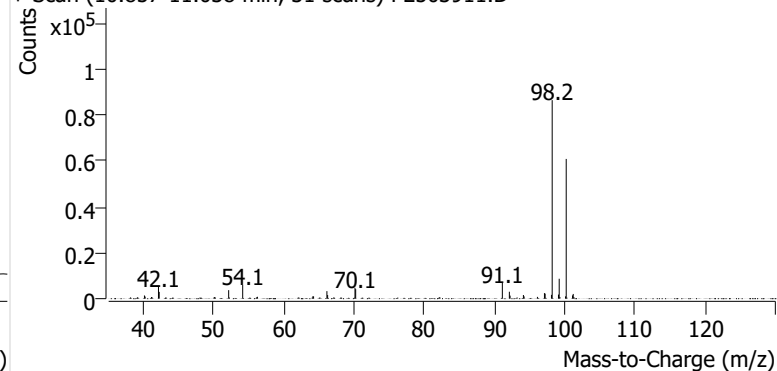


Toluene-d8 (IS)

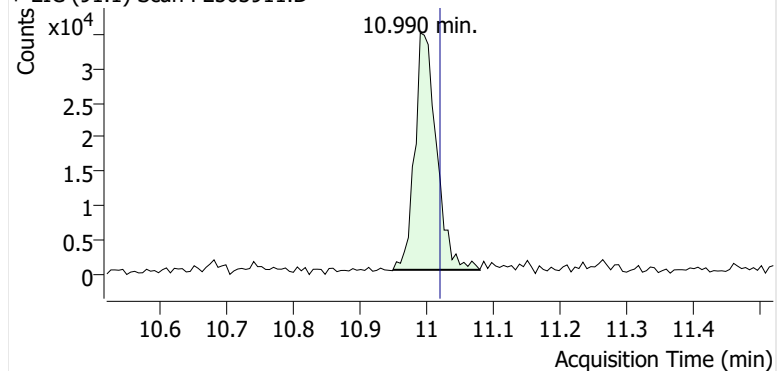
+ EIC (98.1) Scan P2503911.D



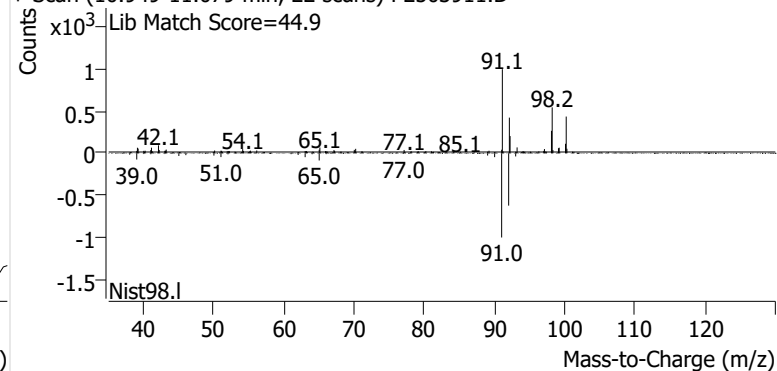
+ Scan (10.857-11.038 min, 31 scans) P2503911.D

**Toluene**

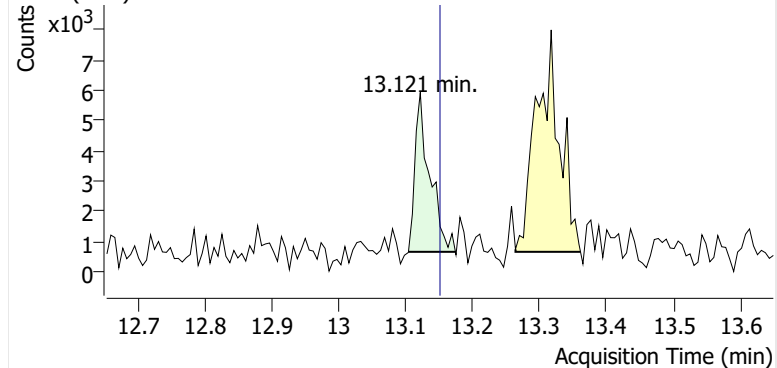
+ EIC (91.1) Scan P2503911.D



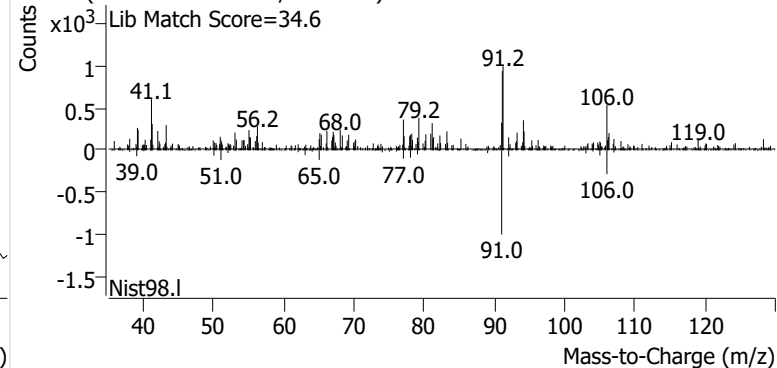
+ Scan (10.949-11.079 min, 22 scans) P2503911.D

**Ethylbenzene**

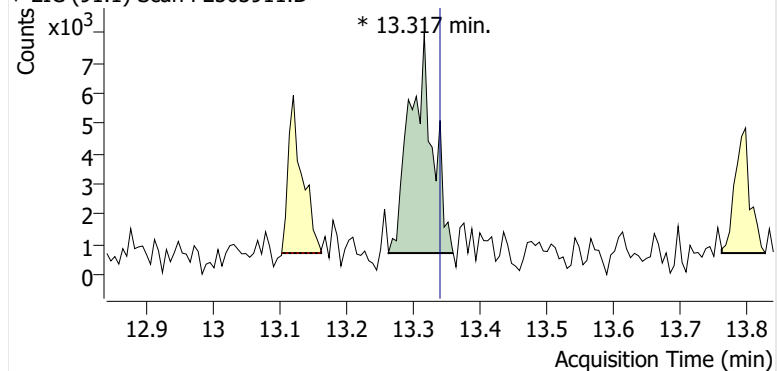
+ EIC (91.1) Scan P2503911.D



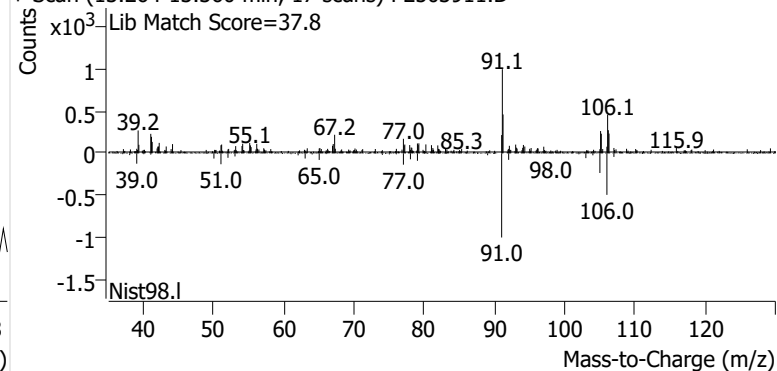
+ Scan (13.103-13.174 min, 11 scans) P2503911.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503911.D

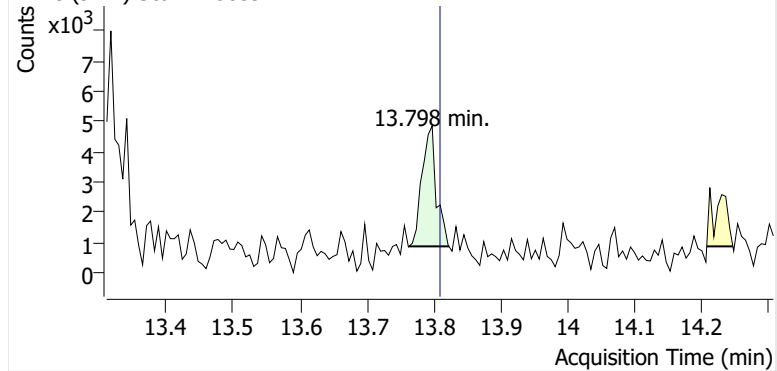


+ Scan (13.264-13.360 min, 17 scans) P2503911.D

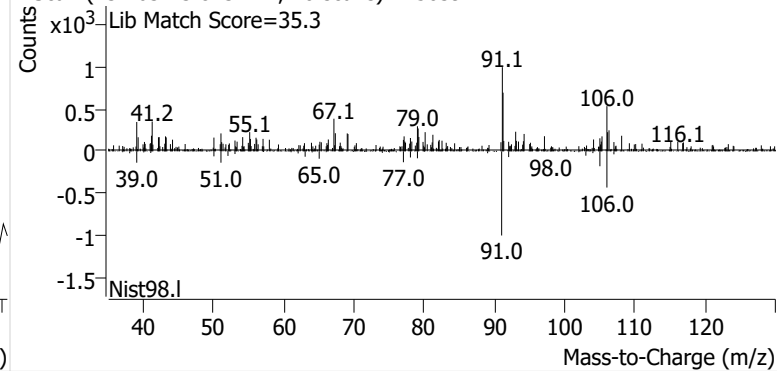


o-Xylene

+ EIC (91.1) Scan P2503911.D

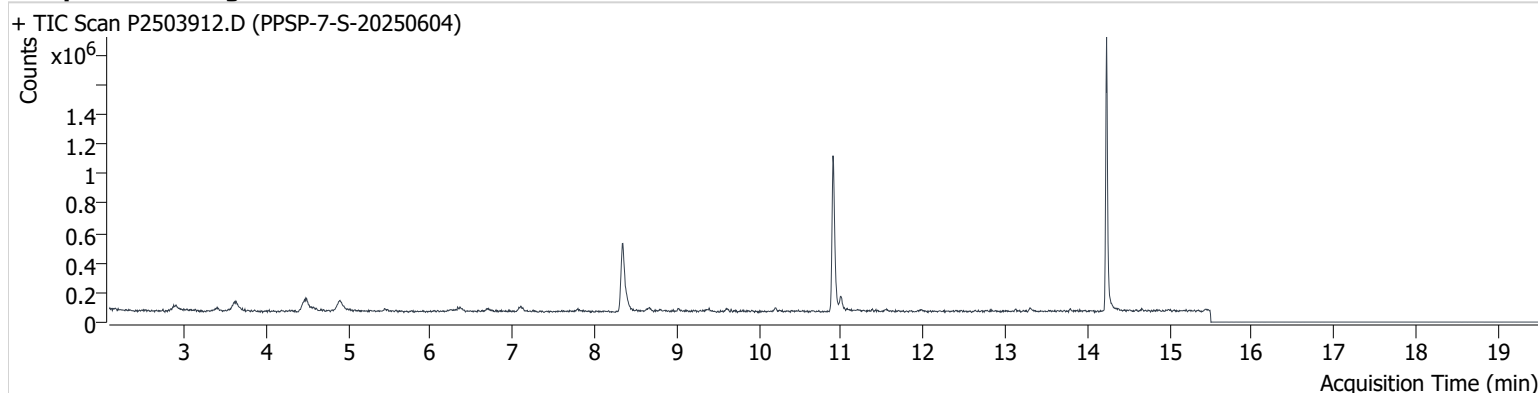


+ Scan (13.763-13.823 min, 10 scans) P2503911.D



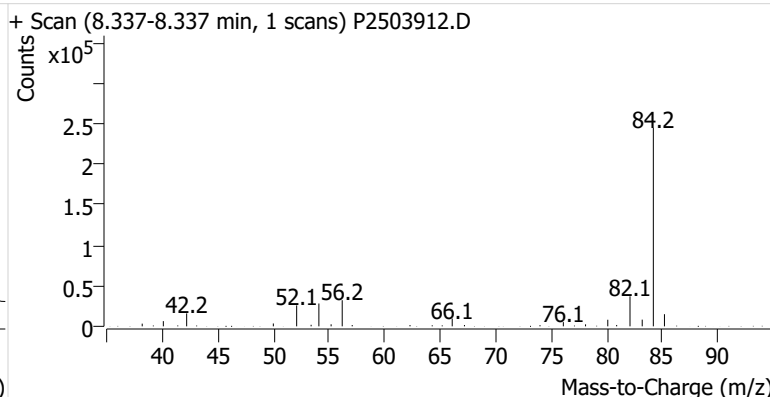
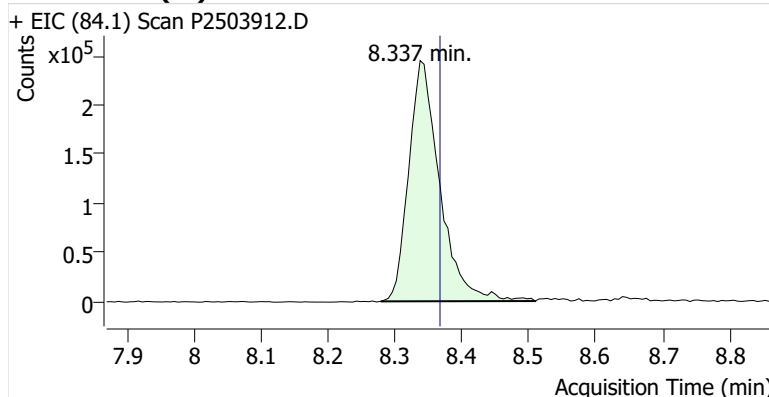
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Comment C00693
Data File P2503912.D
Acq. Date-Time 6/23/2025 12:06:53 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

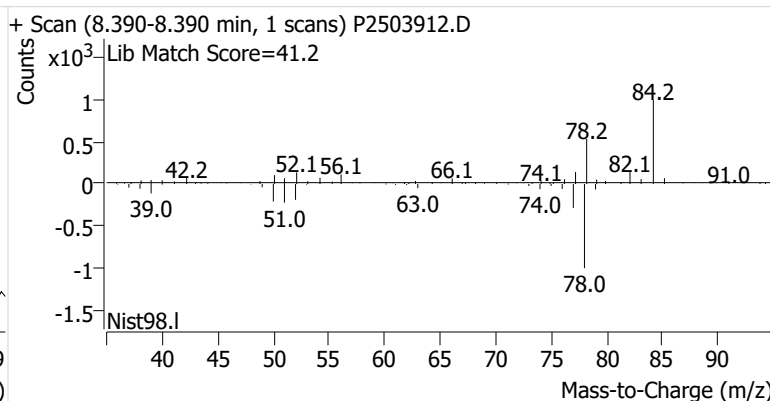
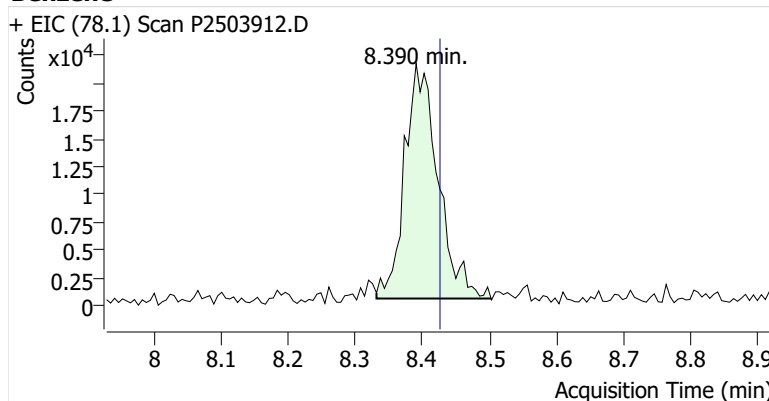


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	788,834	
Benzene	benzene-d6 (IS)	8.390	8.426	73,654	
Toluene-d8 (IS)		10.901	10.931	954,045	
Toluene	Toluene-d8 (IS)	10.996	11.020	76,755	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	11,533	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	18,122	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	7,897	

benzene-d6 (IS)

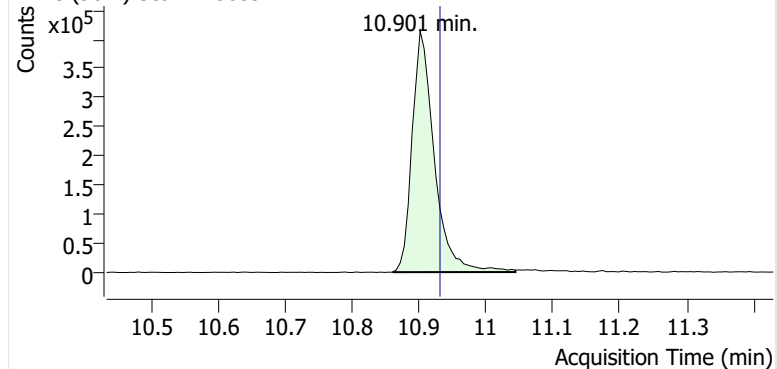


Benzene

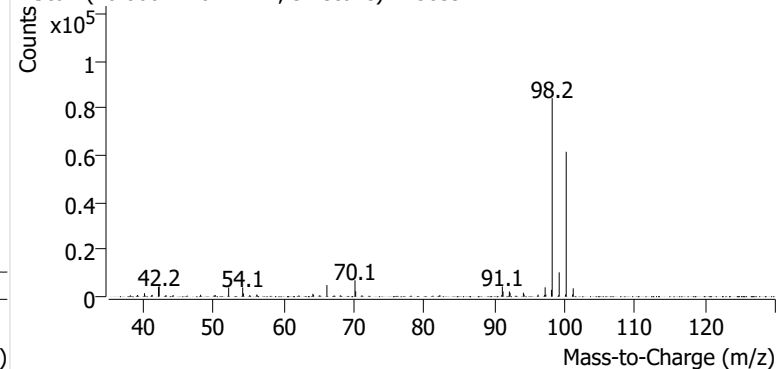


Toluene-d8 (IS)

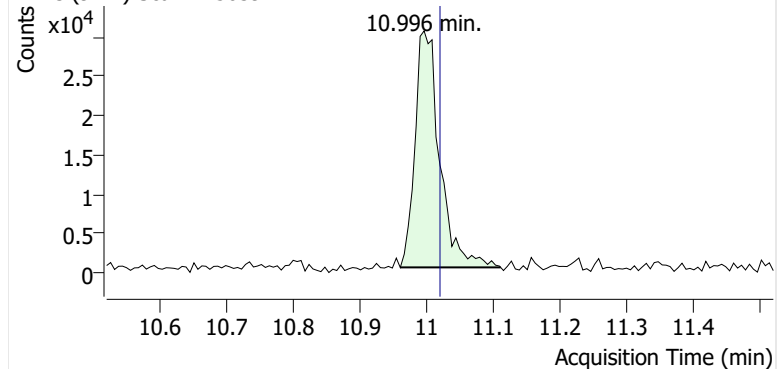
+ EIC (98.1) Scan P2503912.D



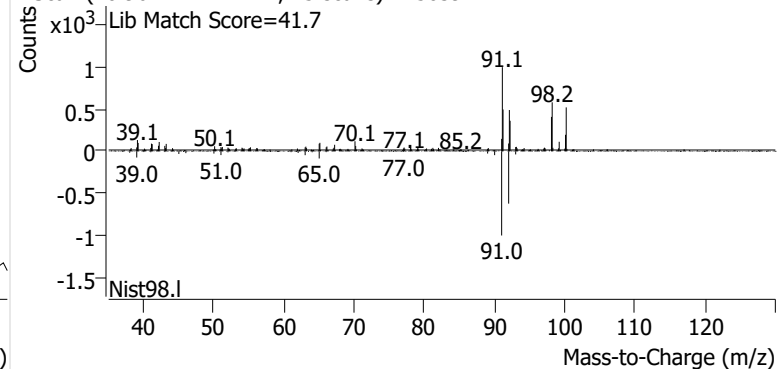
+ Scan (10.860-11.044 min, 31 scans) P2503912.D

**Toluene**

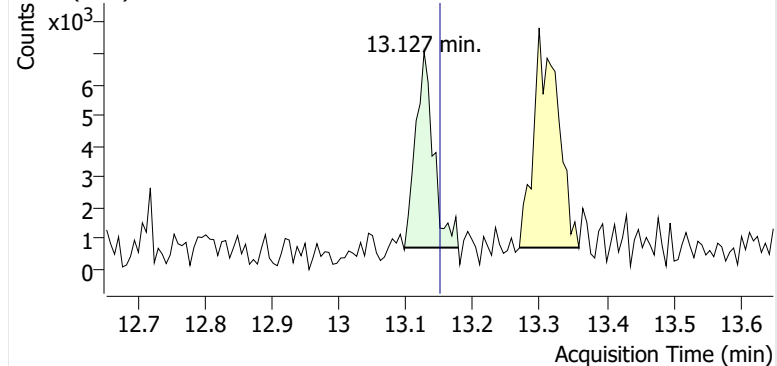
+ EIC (91.1) Scan P2503912.D



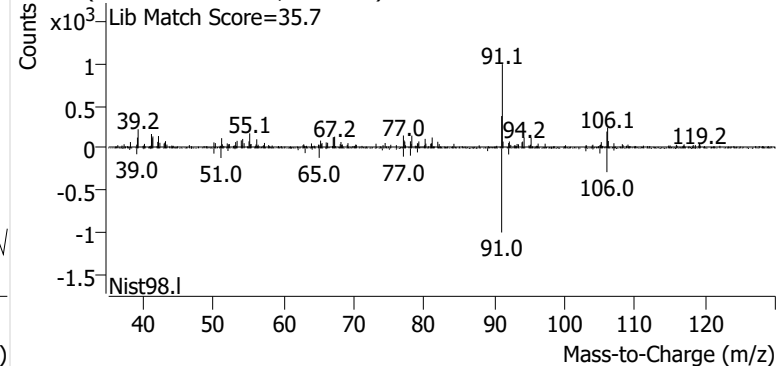
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**Ethylbenzene**

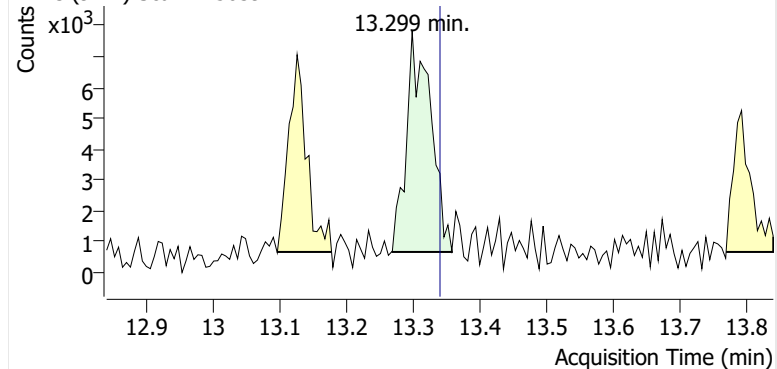
+ EIC (91.1) Scan P2503912.D



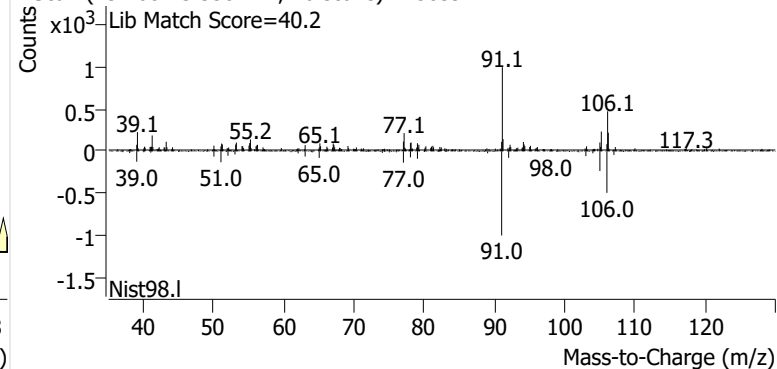
+ Scan (13.098-13.178 min, 13 scans) P2503912.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503912.D

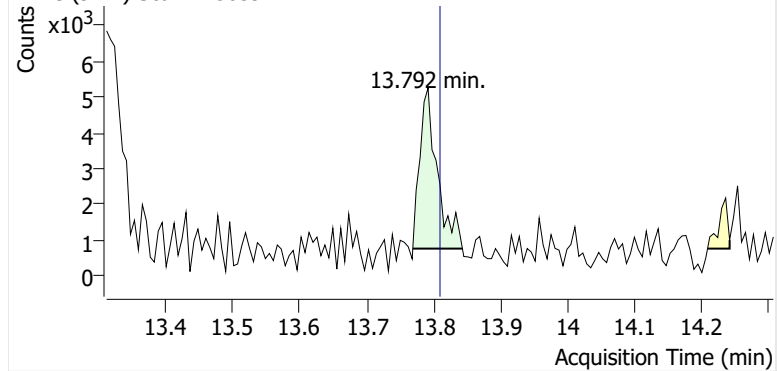


+ Scan (13.268-13.358 min, 16 scans) P2503912.D

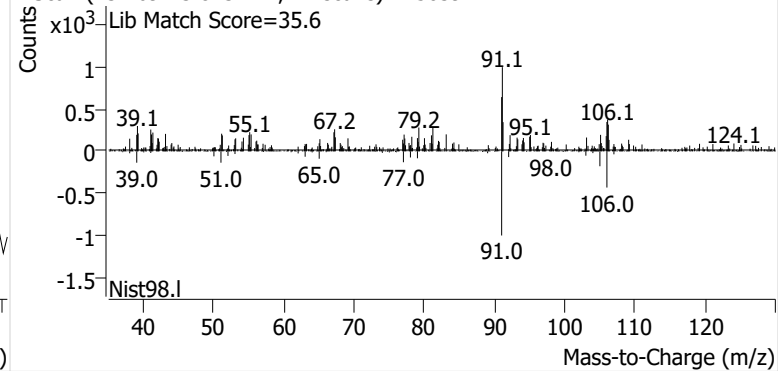


o-Xylene

+ EIC (91.1) Scan P2503912.D

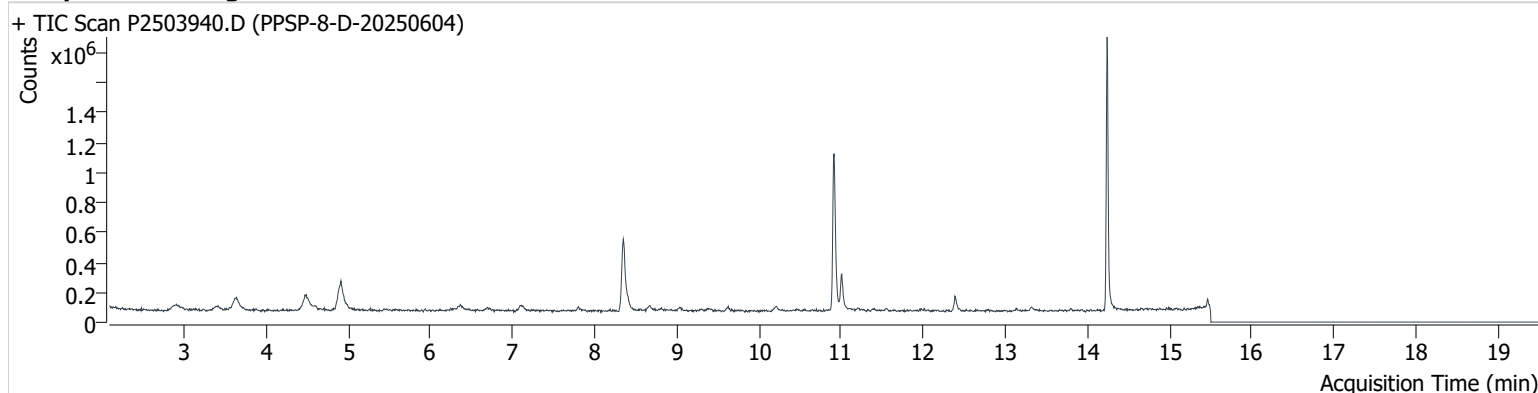


+ Scan (13.769-13.843 min, 12 scans) P2503912.D



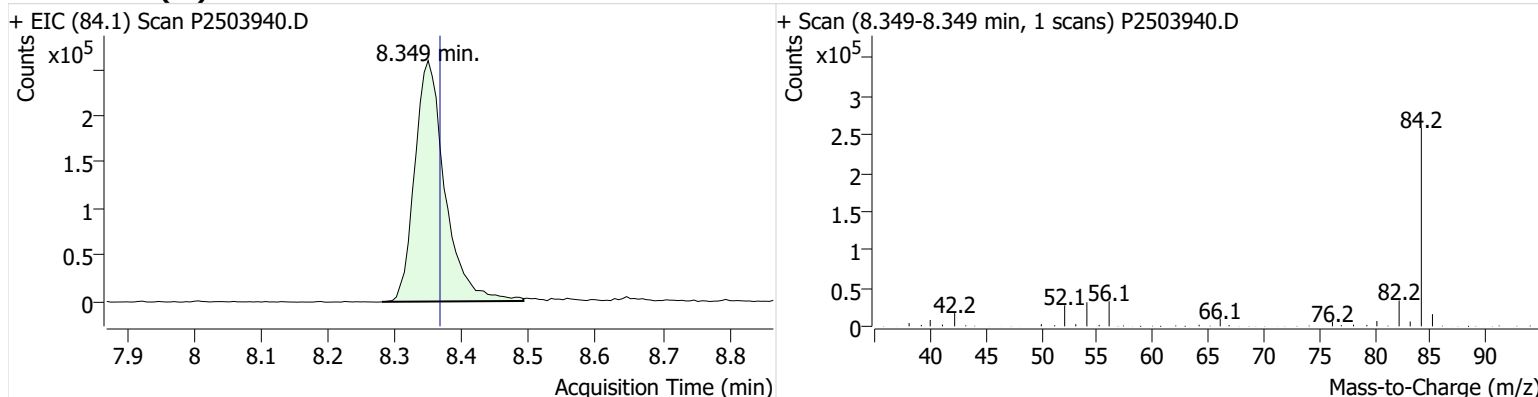
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Comment C38585
Data File P2503940.D
Acq. Date-Time 6/24/2025 1:54:04 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

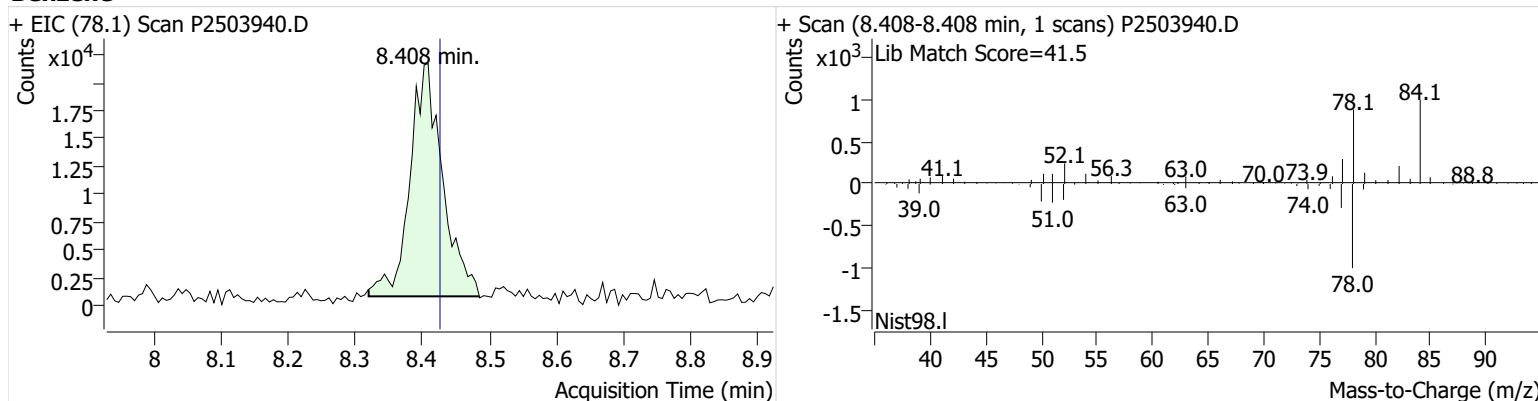


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	810,777	
Benzene	benzene-d6 (IS)	8.408	8.426	71,250	
Toluene-d8 (IS)		10.913	10.931	961,249	
Toluene	Toluene-d8 (IS)	11.008	11.020	214,023	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	8,918	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	20,109	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	7,037	

benzene-d6 (IS)

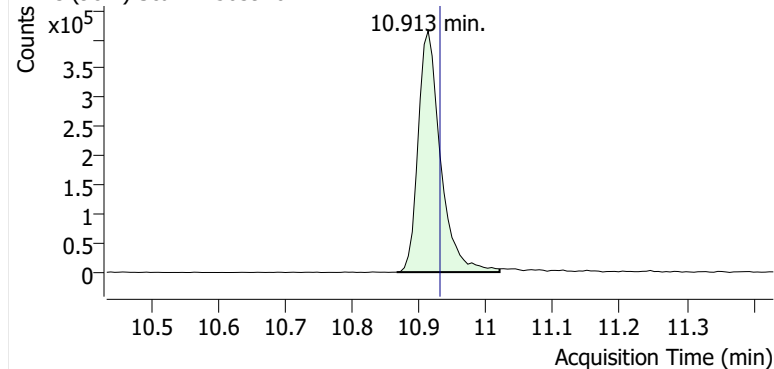


Benzene

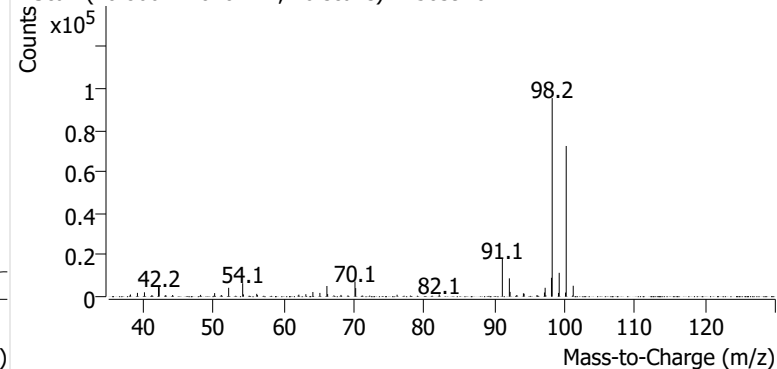


Toluene-d8 (IS)

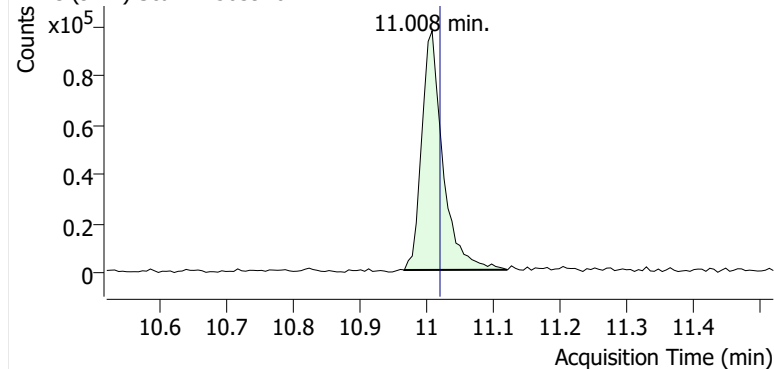
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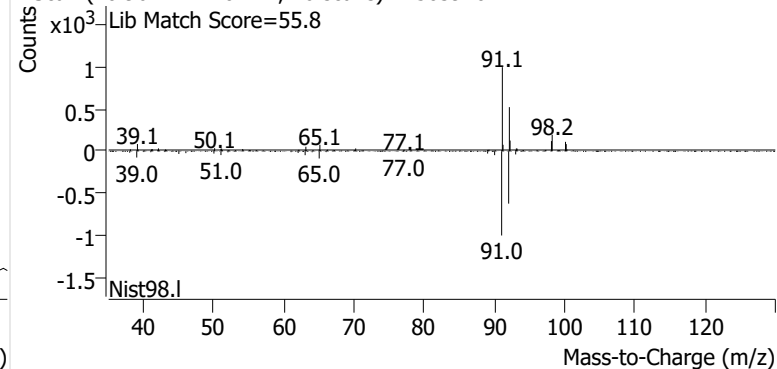
+ Scan (10.866-11.020 min, 26 scans) P2503940.D

**Toluene**

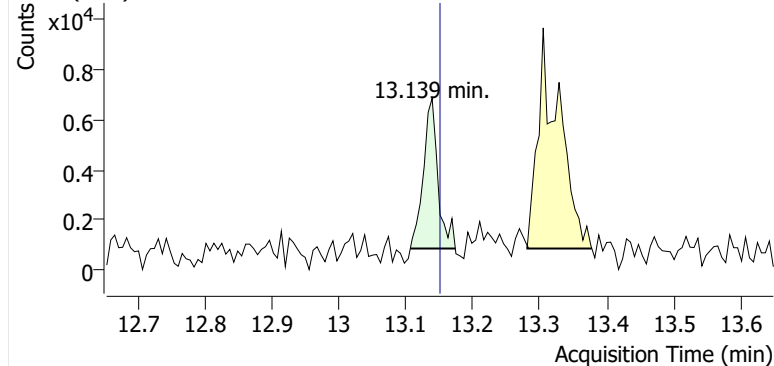
+ EIC (91.1) Scan P2503940.D



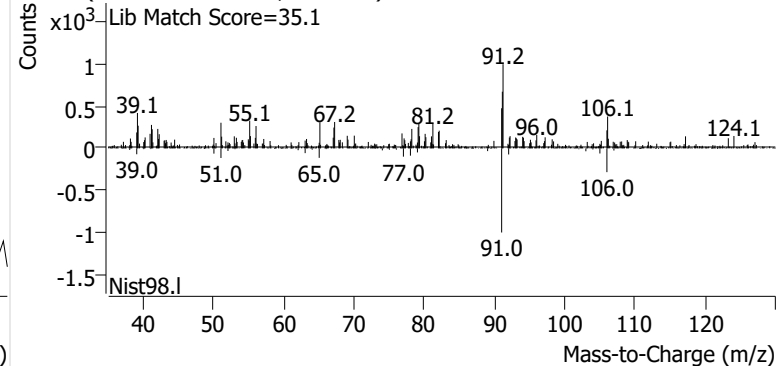
+ Scan (10.967-11.120 min, 26 scans) P2503940.D

**Ethylbenzene**

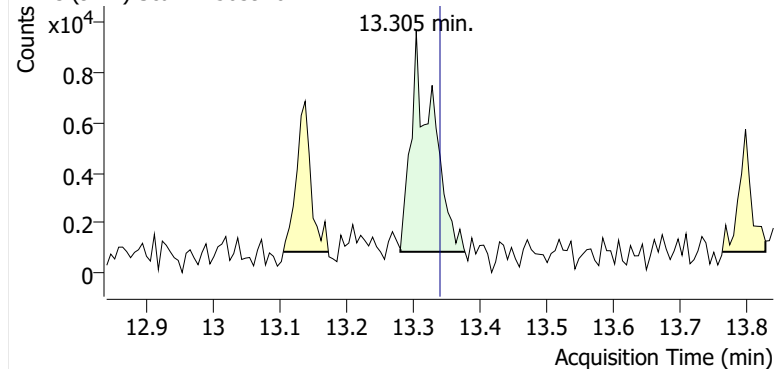
+ EIC (91.1) Scan P2503940.D



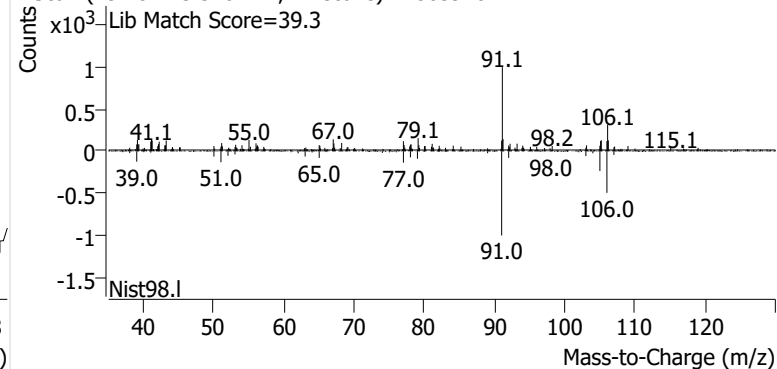
+ Scan (13.106-13.174 min, 11 scans) P2503940.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2503940.D

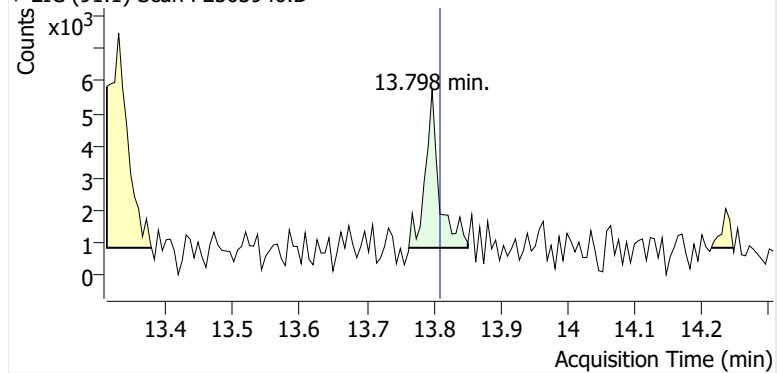


+ Scan (13.281-13.378 min, 17 scans) P2503940.D

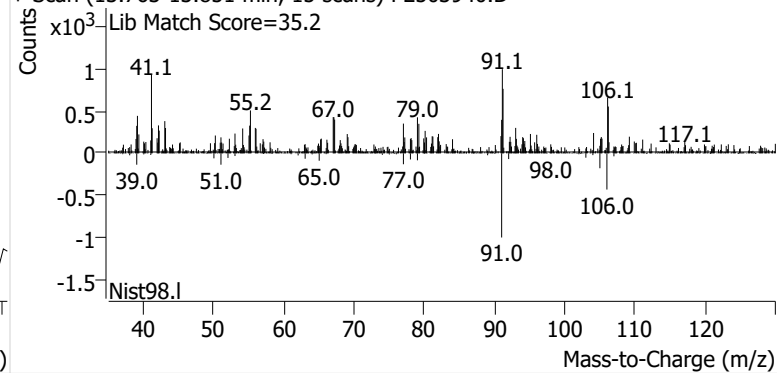


o-Xylene

+ EIC (91.1) Scan P2503940.D



+ Scan (13.763-13.851 min, 15 scans) P2503940.D



Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	Benzene	1	P2502258.D	4.96	47440	90.3	798559	1.081	0.21
P041125A_CC252679	Benzene	2	P2502259.D	9.92	81580	90.3	784474	0.946	0.056
P041125A_CC252679	Benzene	3	P2502260.D	19.85	154990	90.3	766291	0.920	0.027
P041125A_CC252679	Benzene	4	P2502261.D	39.70	307006	90.3	776135	0.900	0.0043
P041125A_CC252679	Benzene	5	P2502262.D	99.25	682063	90.3	768529	0.807	-0.099
P041125A_CC252679	Benzene	6	P2502263.D	198.49	1383026	90.3	766391	0.821	-0.084
P041125A_CC252679	Benzene	7	P2502264.D	595.47	3847989	90.3	733331	0.796	-0.11
						Avg:	770530	0.896	
						%RSD:	2.6%	11.2%	
P041125A_CC252679	Toluene	1	P2502258.D	5.37	53462	105.3	981002	1.069	0.21
P041125A_CC252679	Toluene	2	P2502259.D	10.73	93718	105.3	977723	0.940	0.061
P041125A_CC252679	Toluene	3	P2502260.D	21.46	177517	105.3	952641	0.914	0.031
P041125A_CC252679	Toluene	4	P2502261.D	42.92	366700	105.3	958584	0.938	0.058
P041125A_CC252679	Toluene	5	P2502262.D	107.31	751020	105.3	937774	0.786	-0.11
P041125A_CC252679	Toluene	6	P2502263.D	214.62	1544431	105.3	950212	0.797	-0.1
P041125A_CC252679	Toluene	7	P2502264.D	643.86	4297415	105.3	923104	0.761	-0.14
						Avg:	954434	0.887	
						%RSD:	2.2%	12.5%	
P041125A_CC252679	Ethylbenzene	1	P2502258.D	5.16	56966	105.3	981002	1.185	0.15
P041125A_CC252679	Ethylbenzene	2	P2502259.D	10.32	108870	105.3	977723	1.137	0.1
P041125A_CC252679	Ethylbenzene	3	P2502260.D	20.63	213920	105.3	952641	1.146	0.11
P041125A_CC252679	Ethylbenzene	4	P2502261.D	41.26	422263	105.3	958584	1.124	0.088
P041125A_CC252679	Ethylbenzene	5	P2502262.D	103.15	801782	105.3	937774	0.873	-0.16
P041125A_CC252679	Ethylbenzene	6	P2502263.D	206.30	1736097	105.3	950212	0.932	-0.098
P041125A_CC252679	Ethylbenzene	7	P2502264.D	618.90	4543663	105.3	923104	0.837	-0.19
						Avg:	954434	1.034	
						%RSD:	2.2%	14.2%	
P041125A_CC252679	m-/p-Xylenes	1	P2502258.D	4.87	38899	105.3	981002	0.857	0.083
P041125A_CC252679	m-/p-Xylenes	2	P2502259.D	9.74	73807	105.3	977723	0.816	0.03
P041125A_CC252679	m-/p-Xylenes	3	P2502260.D	19.48	153415	105.3	952641	0.870	0.099
P041125A_CC252679	m-/p-Xylenes	4	P2502261.D	38.97	310930	105.3	958584	0.876	0.11
P041125A_CC252679	m-/p-Xylenes	5	P2502262.D	97.42	591523	105.3	937774	0.682	-0.14
P041125A_CC252679	m-/p-Xylenes	6	P2502263.D	194.84	1339681	105.3	950212	0.762	-0.038
P041125A_CC252679	m-/p-Xylenes	7	P2502264.D	584.52	3480142	105.3	923104	0.679	-0.14
						Avg:	954434	0.792	
						%RSD:	2.2%	10.8%	
P041125A_CC252679	o-Xylene	1	P2502258.D	5.08	44039	105.3	981002	0.930	0.12
P041125A_CC252679	o-Xylene	2	P2502259.D	10.16	84765	105.3	977723	0.898	0.078
P041125A_CC252679	o-Xylene	3	P2502260.D	20.32	174712	105.3	952641	0.950	0.14

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW206-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

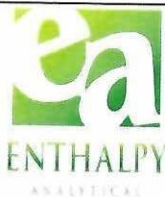
Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	o-Xylene	4	P2502261.D	40.64	330869	105.3	958584	0.894	0.073
P041125A_CC252679	o-Xylene	5	P2502262.D	101.61	648711	105.3	937774	0.717	-0.14
P041125A_CC252679	o-Xylene	6	P2502263.D	203.21	1413541	105.3	950212	0.771	-0.075
P041125A_CC252679	o-Xylene	7	P2502264.D	609.64	3599376	105.3	923104	0.673	-0.19
						Avg:	954434	0.833	
						%RSD:	2.2%	13.3%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	Benzene	ICV	P2502265.D	64.22	465786	90.3	753743	0.869	-3.0%
P041125A_CC252679	Toluene	ICV	P2502265.D	76.59	610878	105.3	957560	0.877	-1.1%
P041125A_CC252679	Ethylbenzene	ICV	P2502265.D	86.22	753297	105.3	957560	0.961	-7.1%
P041125A_CC252679	m-/p-Xylenes	ICV	P2502265.D	89.75	613496	105.3	957560	0.752	-5.1%
P041125A_CC252679	o-Xylene	ICV	P2502265.D	88.34	625434	105.3	957560	0.778	-6.6%

M325B PDF Report ver.20250429

Sample Custody



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

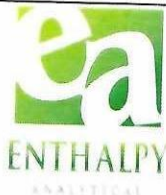
2025FW206

Page # 1 of # 2

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:		
Site Address:			Project Number:			Sample Event #		
City:			Project Manager: Tom Rolfson			Sorbent:		
State:			Email Address: tom.rolfson@powererg.com					
Zip:			Telephone #:					

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	B51053	sample	6/4/25	10:43 AM	6/18/25	10:55 AM	JB / JB		
5	B48208	sample	6/4/25	10:51 AM	6/18/25	11:01 AM	JB / JB		
4	① B50926	sample	6/4/25	10:58 AM	6/18/25	11:05 AM	JB / JB		
3	C33447	sample	6/4/25	11:04 AM	6/18/25	11:09 AM	JB / JB		
2	C56874	sample	6/4/25	11:13 AM	6/18/25	11:14 AM	JB / JB		
1	B46812	sample	6/4/25	11:18 AM	6/18/25	11:18 AM	JB / JB		
1	B46311	blank	6/4/25	11:18 AM	6/18/25	11:18 AM	JB / JB		
13	C43546	sample	6/4/25	11:24 AM	6/18/25	11:22 AM	JB / JB		

Relinquished By (printed): Jen Bowidowicz		Relinquished By (signature): <i>Jennifer Bowidowicz</i>		Relinquished Date: 6/18/2025		Relinquished Time:	
Recieved By (printed): David Taylor		Recieved By (signature): <i>[Signature]</i>		Receipt Date: 6/20/25		Receipt Time: 11:00	
Sample Condition Upon Receipt: Good, except see note ①		Compound List: BTEX		Custody Seal intact? Y/N: Y		Delivery tracking #	
Ice Temp:	Blank Temp: 11.6	Fluke		Add Custody Seal # below: 24M11132			
Comments: ①-Loose cap DLT 6/20/25 Please pull the ambient temp from the KPWM NOAA station. Thank you							
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com							



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- ☒ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

2025FW206

Page # 2 of # 2

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:			
Site Address:			Project Number:			Sample Event #:			
City:			Project Manager: Tom Rolfson			Sorbent:			
State:			Email Address: tom.rolfson@powereng.com						
Zip:			Telephone #:						
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
12	C38933	sample	6/4/25	11:32 AM	6/18/25	11:28 AM	JB / JB		
11	B47114	sample	6/4/25	11:39 AM	6/18/25	11:33 AM	JB / JB		
10	C43931	sample	6/4/25	11:44 AM	6/18/25	11:38 AM	JB / JB		
9	B15412	sample	6/4/25	11:48 AM	6/18/25	11:42 AM	JB / JB		
8	B19096	sample	6/4/25	11:57 AM	6/18/25	11:47 AM	JB / JB		
8	C38585	duplicate	6/4/25	11:57 AM	6/18/25	11:47 AM	JB / JB		
7	C00693	sample	6/4/25	11:59 AM	6/18/25	11:52 AM	JB / JB		
Relinquished By (printed): Jen Bowidowicz			Relinquished By (signature): Jennifer Bowidowicz			Relinquished Date: 6/18/2025		Relinquished Time:	
Received By (printed): David Taylor			Received By (signature): [Signature]			Receipt Date: 6/20/25		Receipt Time: 11:00	
Sample Condition Upon Receipt: Good			Compound List: BTEX			Custody Seal intact? Y/N: Y		Delivery tracking #	
Ice Temp:	Blank Temp: 11.6	F11/16/24				Add Custody Seal # below: 24411132			

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

**This Is The Last Page
Of This Report.**

Portland Pipeline - S Portland, ME

Power Engineers, Inc.
303 U.S. Route One
Freeport, ME 04032

Sampling Event 23

Analytical Report (2025FW205)

EPA Method 325B

Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, o-Xylene



Enthalpy Analytical, LLC

Phone: (919) 850 - 4392 / Fax: (919) 850 - 9012 / www.enthalpy.com
800-1 Capitola Drive, Durham, NC 27713

I certify that to the best of my knowledge all analytical data presented in this report:

- Have been checked for completeness
- Are accurate, error-free, and legible
- Have been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s)

This analytical report was prepared in Portable Document Format (.PDF). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of a report are not taken out of context.

A handwritten signature in black ink, reading "Conor Toomey". The signature is stylized with a large, sweeping loop that encompasses the first part of the name.

QA Review by Conor Toomey, QA Associate II

Report Issued: 06/18/2025



Summary of Results



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
PPSP-6-S-20250521	C43194	0.397		0.687	P		ND		ND		ND
PPSP-5-S-20250521	B50578	0.413		0.718	P		ND		ND		ND
PPSP-4-S-20250521	B46256	0.387		0.572	P		ND		ND		ND
PPSP-3-S-20250521	C40129	0.367	J	0.558	P		ND		ND		ND
PPSP-2-S-20250521	B14199	0.585		0.580	P		ND		ND		ND
PPSP-1-S-20250521	C37037	0.506		0.727	P		ND		ND		ND
PPSP-1-B-20250521	C55399		ND		ND,P		ND		ND		ND
PPSP-13-S-20250521	B20616	0.427		0.535	P		ND		ND		ND
PPSP-12-S-20250521	B44233	0.633		0.764	P		ND		ND		ND
PPSP-11-S-20250521	C53629	0.687		1.60	P		ND		ND		ND
PPSP-10-S-20250521	C39248	0.688		0.670	P		ND	0.282	J		ND
PPSP-9-S-20250521	C56810	0.650		0.920	P		ND		ND		ND
PPSP-8-S-20250521	C00648	0.484		1.40	P		ND		ND		ND
PPSP-8-D-20250521	B16810	0.465		0.737	P		ND		ND		ND
PPSP-7-S-20250521	C43208	0.401		0.915	P		ND	0.284	J		ND

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Results

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250521	C43194	0.397	0.124	5.26	56.0	0.657	20170	0.189	0.379	0.0591	0.119		B2503816.D	2025-06-05 18:58	0.886	7.862	60534	1196302	92.1	7.803	-1.2%
PPSP-5-S-20250521	B50578	0.413	0.129	5.47	56.0	0.657	20172	0.189	0.379	0.0591	0.119		B2503817.D	2025-06-05 19:35	0.886	7.856	63829	1212544	92.1	7.803	0.1%
PPSP-4-S-20250521	B46256	0.387	0.121	5.12	56.0	0.657	20175	0.189	0.379	0.0591	0.119		B2503818.D	2025-06-05 20:13	0.886	7.862	59401	1205101	92.1	7.797	-0.5%
PPSP-3-S-20250521	C40129	0.367	0.115	4.86	56.0	0.657	20176	0.189	0.379	0.0591	0.119	J	B2503819.D	2025-06-05 20:50	0.886	7.856	57919	1237898	92.1	7.797	2.2%
PPSP-2-S-20250521	B14199	0.585	0.183	7.75	56.0	0.657	20179	0.189	0.379	0.0591	0.119		B2503820.D	2025-06-05 21:27	0.886	7.862	87877	1178792	92.1	7.797	-2.7%
PPSP-1-S-20250521	C37037	0.506	0.159	6.71	56.0	0.657	20180	0.189	0.379	0.0591	0.119		B2503821.D	2025-06-05 22:05	0.886	7.856	79176	1226729	92.1	7.797	1.3%
PPSP-1-B-20250521	C55399				56.0	0.657	20180	0.189	0.379	0.0591	0.119	ND	B2503815.D	2025-06-05 18:21	0.886	7.815	10953	1241031	92.1	7.797	2.5%
PPSP-13-S-20250521	B20616	0.427	0.134	5.66	56.0	0.657	20180	0.189	0.379	0.0591	0.119		B2503822.D	2025-06-05 22:42	0.886	7.856	64949	1192966	92.1	7.803	-1.5%
PPSP-12-S-20250521	B44233	0.633	0.198	8.39	56.0	0.657	20181	0.189	0.379	0.0591	0.119		B2503823.D	2025-06-05 23:19	0.886	7.868	96510	1195859	92.1	7.803	-1.2%
PPSP-11-S-20250521	C53629	0.687	0.215	9.11	56.0	0.657	20183	0.189	0.378	0.0591	0.119		B2503824.D	2025-06-05 23:57	0.886	7.856	104046	1186960	92.1	7.803	-2.0%
PPSP-10-S-20250521	C39248	0.688	0.215	9.12	56.0	0.657	20183	0.189	0.378	0.0591	0.119		B2503826.D	2025-06-06 01:11	0.886	7.851	106498	1213926	92.1	7.803	0.2%
PPSP-9-S-20250521	C56810	0.650	0.204	8.62	56.0	0.657	20183	0.189	0.378	0.0591	0.119		B2503827.D	2025-06-06 01:49	0.886	7.862	100727	1214752	92.1	7.797	0.3%
PPSP-8-S-20250521	C00648	0.484	0.152	6.42	56.0	0.657	20186	0.189	0.378	0.0591	0.119		B2503828.D	2025-06-06 02:26	0.886	7.862	74501	1206750	92.1	7.803	-0.3%
PPSP-8-D-20250521	B16810	0.465	0.146	6.16	56.0	0.657	20186	0.189	0.378	0.0591	0.119		B2503829.D	2025-06-06 03:04	0.886	7.874	71231	1201730	92.1	7.803	-0.8%
PPSP-7-S-20250521	C43208	0.401	0.126	5.32	56.1	0.657	20183	0.189	0.378	0.0591	0.119		B2503830.D	2025-06-06 03:41	0.886	7.862	62228	1215625	92.1	7.803	0.4%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250521	C43194	0.687	0.182	7.07	56.0	0.510	20170	0.243	0.528	0.0646	0.140	P	B2503816.D	2025-06-05 18:58	0.990	10.783	73611	1142986	108.6	10.670	-4.3%
PPSP-5-S-20250521	B50578	0.718	0.191	7.38	56.0	0.510	20172	0.243	0.528	0.0646	0.140	P	B2503817.D	2025-06-05 19:35	0.990	10.783	76083	1130474	108.6	10.676	-5.3%
PPSP-4-S-20250521	B46256	0.572	0.152	5.88	56.0	0.510	20175	0.243	0.528	0.0646	0.140	P	B2503818.D	2025-06-05 20:13	0.990	10.782	60538	1129757	108.6	10.670	-5.4%
PPSP-3-S-20250521	C40129	0.558	0.148	5.74	56.0	0.510	20176	0.243	0.528	0.0645	0.140	P	B2503819.D	2025-06-05 20:50	0.990	10.782	58670	1122110	108.6	10.675	-6.0%
PPSP-2-S-20250521	B14199	0.580	0.154	5.97	56.0	0.510	20179	0.243	0.527	0.0645	0.140	P	B2503820.D	2025-06-05 21:27	0.990	10.788	61390	1128878	108.6	10.676	-5.5%
PPSP-1-S-20250521	C37037	0.727	0.193	7.48	56.0	0.510	20180	0.243	0.527	0.0645	0.140	P	B2503821.D	2025-06-05 22:05	0.990	10.783	78270	1148047	108.6	10.670	-3.9%
PPSP-1-B-20250521	C55399				56.0	0.510	20180	0.243	0.527	0.0645	0.140	ND,P	B2503815.D	2025-06-05 18:21	0.990	10.782	5615	1118392	108.6	10.664	-6.3%
PPSP-13-S-20250521	B20616	0.535	0.142	5.51	56.0	0.510	20180	0.243	0.527	0.0645	0.140	P	B2503822.D	2025-06-05 22:42	0.990	10.777	56834	1132164	108.6	10.676	-5.2%
PPSP-12-S-20250521	B44233	0.764	0.203	7.86	56.0	0.510	20181	0.243	0.527	0.0645	0.140	P	B2503823.D	2025-06-05 23:19	0.990	10.776	78444	1095114	108.6	10.670	-8.3%
PPSP-11-S-20250521	C53629	1.60	0.424	16.4	56.0	0.510	20183	0.243	0.527	0.0645	0.140	P	B2503824.D	2025-06-05 23:57	0.990	10.776	179327	1196728	108.6	10.670	0.2%
PPSP-10-S-20250521	C39248	0.670	0.178	6.89	56.0	0.510	20183	0.243	0.527	0.0645	0.140	P	B2503826.D	2025-06-06 01:11	0.990	10.783	70318	1119814	108.6	10.676	-6.2%
PPSP-9-S-20250521	C56810	0.920	0.244	9.47	56.0	0.510	20183	0.243	0.527	0.0645	0.140	P	B2503827.D	2025-06-06 01:49	0.990	10.782	101323	1173839	108.6	10.676	-1.7%
PPSP-8-S-20250521	C00648	1.40	0.372	14.4	56.0	0.510	20186	0.243	0.527	0.0645	0.140	P	B2503828.D	2025-06-06 02:26	0.990	10.783	144954	1103970	108.6	10.676	-7.6%
PPSP-8-D-20250521	B16810	0.737	0.196	7.59	56.0	0.510	20186	0.243	0.527	0.0645	0.140	P	B2503829.D	2025-06-06 03:04	0.990	10.782	79452	1148787	108.6	10.681	-3.8%
PPSP-7-S-20250521	C43208	0.915	0.243	9.41	56.1	0.510	20183	0.243	0.527	0.0645	0.140	P	B2503830.D	2025-06-06 03:41	0.990	10.782	96350	1123066	108.6	10.676	-6.0%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250521	C43194				56.0	0.451	20170	0.275	0.573	0.0633	0.132	ND	B2503816.D	2025-06-05 18:58	1.231	13.204	11358	1142986	108.6	10.670	-4.3%
PPSP-5-S-20250521	B50578				56.0	0.451	20172	0.275	0.573	0.0633	0.132	ND	B2503817.D	2025-06-05 19:35	1.231	13.204	10658	1130474	108.6	10.676	-5.3%
PPSP-4-S-20250521	B46256				56.0	0.451	20175	0.275	0.573	0.0633	0.132	ND	B2503818.D	2025-06-05 20:13	1.231	13.204	11714	1129757	108.6	10.670	-5.4%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-3-S-20250521	C40129				56.0	0.451	20176	0.275	0.573	0.0633	0.132	ND	B2503819.D	2025-06-05 20:50	1.231	13.198	10918	1122110	108.6	10.675	-6.0%
PPSP-2-S-20250521	B14199				56.0	0.451	20179	0.275	0.573	0.0633	0.132	ND	B2503820.D	2025-06-05 21:27	1.231	13.204	11534	1128878	108.6	10.676	-5.5%
PPSP-1-S-20250521	C37037				56.0	0.451	20180	0.275	0.573	0.0633	0.132	ND	B2503821.D	2025-06-05 22:05	1.231	13.204	9564	1148047	108.6	10.670	-3.9%
PPSP-1-B-20250521	C55399				56.0	0.451	20180	0.275	0.573	0.0633	0.132	ND	B2503815.D	2025-06-05 18:21	1.231	13.246	1321	1118392	108.6	10.664	-6.3%
PPSP-13-S-20250521	B20616				56.0	0.451	20180	0.275	0.573	0.0633	0.132	ND	B2503822.D	2025-06-05 22:42	1.231	13.204	12472	1132164	108.6	10.676	-5.2%
PPSP-12-S-20250521	B44233				56.0	0.451	20181	0.275	0.573	0.0633	0.132	ND	B2503823.D	2025-06-05 23:19	1.231	13.216	4405	1095114	108.6	10.670	-8.3%
PPSP-11-S-20250521	C53629				56.0	0.451	20183	0.275	0.573	0.0633	0.132	ND	B2503824.D	2025-06-05 23:57	1.231	13.198	7219	1196728	108.6	10.670	0.2%
PPSP-10-S-20250521	C39248				56.0	0.451	20183	0.275	0.573	0.0633	0.132	ND	B2503826.D	2025-06-06 01:11	1.231	13.198	15206	1119814	108.6	10.676	-6.2%
PPSP-9-S-20250521	C56810				56.0	0.451	20183	0.275	0.573	0.0633	0.132	ND	B2503827.D	2025-06-06 01:49	1.231	13.210	11817	1173839	108.6	10.676	-1.7%
PPSP-8-S-20250521	C00648				56.0	0.451	20186	0.275	0.573	0.0633	0.132	ND	B2503828.D	2025-06-06 02:26	1.231	13.216	11190	1103970	108.6	10.676	-7.6%
PPSP-8-D-20250521	B16810				56.0	0.451	20186	0.275	0.573	0.0633	0.132	ND	B2503829.D	2025-06-06 03:04	1.231	13.204	9452	1148787	108.6	10.681	-3.8%
PPSP-7-S-20250521	C43208				56.1	0.451	20183	0.275	0.573	0.0633	0.132	ND	B2503830.D	2025-06-06 03:41	1.231	13.204	12381	1123066	108.6	10.676	-6.0%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250521	C43194				56.0	0.451	20170	0.275	0.542	0.0633	0.125	ND	B2503816.D	2025-06-05 18:58	0.980	13.406	24050	1142986	108.6	10.670	-4.3%
PPSP-5-S-20250521	B50578				56.0	0.451	20172	0.275	0.541	0.0633	0.125	ND	B2503817.D	2025-06-05 19:35	0.980	13.382	22632	1130474	108.6	10.676	-5.3%
PPSP-4-S-20250521	B46256				56.0	0.451	20175	0.275	0.541	0.0633	0.125	ND	B2503818.D	2025-06-05 20:13	0.980	13.406	21000	1129757	108.6	10.670	-5.4%
PPSP-3-S-20250521	C40129				56.0	0.451	20176	0.275	0.541	0.0633	0.125	ND	B2503819.D	2025-06-05 20:50	0.980	13.388	20280	1122110	108.6	10.675	-6.0%
PPSP-2-S-20250521	B14199				56.0	0.451	20179	0.275	0.541	0.0633	0.125	ND	B2503820.D	2025-06-05 21:27	0.980	13.418	15387	1128878	108.6	10.676	-5.5%
PPSP-1-S-20250521	C37037				56.0	0.451	20180	0.275	0.541	0.0633	0.125	ND	B2503821.D	2025-06-05 22:05	0.980	13.394	16511	1148047	108.6	10.670	-3.9%
PPSP-1-B-20250521	C55399				56.0	0.451	20180	0.275	0.541	0.0633	0.125	ND	B2503815.D	2025-06-05 18:21	0.980	13.489	800	1118392	108.6	10.664	-6.3%
PPSP-13-S-20250521	B20616				56.0	0.451	20180	0.275	0.541	0.0633	0.125	ND	B2503822.D	2025-06-05 22:42	0.980	13.412	17030	1132164	108.6	10.676	-5.2%
PPSP-12-S-20250521	B44233				56.0	0.451	20181	0.275	0.541	0.0633	0.125	ND	B2503823.D	2025-06-05 23:19	0.980	13.400	10839	1095114	108.6	10.670	-8.3%
PPSP-11-S-20250521	C53629				56.0	0.451	20183	0.275	0.541	0.0633	0.125	ND	B2503824.D	2025-06-05 23:57	0.980	13.394	17456	1196728	108.6	10.670	0.2%
PPSP-10-S-20250521	C39248	0.282	0.0651	2.57	56.0	0.451	20183	0.275	0.541	0.0633	0.125	J	B2503826.D	2025-06-06 01:11	0.980	13.406	25966	1119814	108.6	10.676	-6.2%
PPSP-9-S-20250521	C56810				56.0	0.451	20183	0.275	0.541	0.0633	0.125	ND	B2503827.D	2025-06-06 01:49	0.980	13.394	24918	1173839	108.6	10.676	-1.7%
PPSP-8-S-20250521	C00648				56.0	0.451	20186	0.275	0.541	0.0633	0.125	ND	B2503828.D	2025-06-06 02:26	0.980	13.394	24403	1103970	108.6	10.676	-7.6%
PPSP-8-D-20250521	B16810				56.0	0.451	20186	0.275	0.541	0.0633	0.125	ND	B2503829.D	2025-06-06 03:04	0.980	13.406	20558	1148787	108.6	10.681	-3.8%
PPSP-7-S-20250521	C43208	0.284	0.0654	2.58	56.1	0.451	20183	0.275	0.541	0.0633	0.125	J	B2503830.D	2025-06-06 03:41	0.980	13.412	26170	1123066	108.6	10.676	-6.0%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-6-S-20250521	C43194				56.0	0.451	20170	0.275	0.565	0.0633	0.130	ND	B2503816.D	2025-06-05 18:58	0.996	13.934	10557	1142986	108.6	10.670	-4.3%
PPSP-5-S-20250521	B50578				56.0	0.451	20172	0.275	0.565	0.0633	0.130	ND	B2503817.D	2025-06-05 19:35	0.996	13.952	8171	1130474	108.6	10.676	-5.3%
PPSP-4-S-20250521	B46256				56.0	0.451	20175	0.275	0.565	0.0633	0.130	ND	B2503818.D	2025-06-05 20:13	0.996	13.934	8787	1129757	108.6	10.670	-5.4%
PPSP-3-S-20250521	C40129				56.0	0.451	20176	0.275	0.565	0.0633	0.130	ND	B2503819.D	2025-06-05 20:50	0.996	13.928	6599	1122110	108.6	10.675	-6.0%
PPSP-2-S-20250521	B14199				56.0	0.451	20179	0.275	0.565	0.0633	0.130	ND	B2503820.D	2025-06-05 21:27	0.996	13.934	6258	1128878	108.6	10.676	-5.5%
PPSP-1-S-20250521	C37037				56.0	0.451	20180	0.275	0.564	0.0633	0.130	ND	B2503821.D	2025-06-05 22:05	0.996	13.928	6153	1148047	108.6	10.670	-3.9%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

o-Xylene

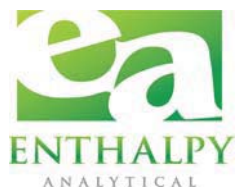
Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
PPSP-1-B-20250521	C55399				56.0	0.451	20180	0.275	0.564	0.0633	0.130	ND	B2503815.D	2025-06-05 18:21	0.996	13.958	1613	1118392	108.6	10.664	-6.3%
PPSP-13-S-20250521	B20616				56.0	0.451	20180	0.275	0.564	0.0633	0.130	ND	B2503822.D	2025-06-05 22:42	0.996	13.940	6866	1132164	108.6	10.676	-5.2%
PPSP-12-S-20250521	B44233				56.0	0.451	20181	0.275	0.564	0.0633	0.130	ND	B2503823.D	2025-06-05 23:19	0.996	13.940	3672	1095114	108.6	10.670	-8.3%
PPSP-11-S-20250521	C53629				56.0	0.451	20183	0.275	0.564	0.0633	0.130	ND	B2503824.D	2025-06-05 23:57	0.996	13.940	5908	1196728	108.6	10.670	0.2%
PPSP-10-S-20250521	C39248				56.0	0.451	20183	0.275	0.564	0.0633	0.130	ND	B2503826.D	2025-06-06 01:11	0.996	13.928	13292	1119814	108.6	10.676	-6.2%
PPSP-9-S-20250521	C56810				56.0	0.451	20183	0.275	0.564	0.0633	0.130	ND	B2503827.D	2025-06-06 01:49	0.996	13.940	8840	1173839	108.6	10.676	-1.7%
PPSP-8-S-20250521	C00648				56.0	0.451	20186	0.275	0.564	0.0633	0.130	ND	B2503828.D	2025-06-06 02:26	0.996	13.934	8840	1103970	108.6	10.676	-7.6%
PPSP-8-D-20250521	B16810				56.0	0.451	20186	0.275	0.564	0.0633	0.130	ND	B2503829.D	2025-06-06 03:04	0.996	13.940	9119	1148787	108.6	10.681	-3.8%
PPSP-7-S-20250521	C43208				56.1	0.451	20183	0.275	0.564	0.0633	0.130	ND	B2503830.D	2025-06-06 03:41	0.996	13.934	9366	1123066	108.6	10.676	-6.0%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

QC



Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW205-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250521	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250521	4.1%	Pass	62%	Fail	ND	Pass	ND	Pass	ND	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Site	Portland Pipeline - S Portland, ME
Report #	2025FW205

Custody	Enthalpy Analytical, LLC received the sample tubes on 06/05/25. The samples were received in good condition at a temperature of 10.7 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for benzene, toluene, ethylbenzene, m-/p-xylenes, and o-xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. The primary sample PPSP-8-S-20250521 (tube ID C00648) and its corresponding duplicate PPSP-8-D-20250521 (tube ID B16810) failed to meet the 30% difference criterion for Toluene specified by the method. All samples in the data set for Toluene have been flagged “P” to denote this failure.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m³ and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.





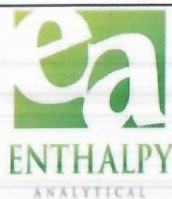
Enthalpy Analytical LDEQ Certification Statement

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) under **Certificate Number 04010**. The methods included in this report are listed in the table below along with Enthalpy-Durham's accreditation status with LDEQ and any analytes that Enthalpy-Durham does not hold accreditation for.

Method	Accredited by LDEQ?	Analytes of an Accredited Method that are not Accredited
EPA M325B	Yes	N/A

Sample Custody





EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

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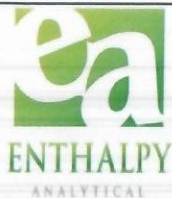
☒ Standard Turn Around Time (7 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:			
Site Address:			Project Number:			Sample Event #			
City:			Project Manager: Tom Rolfson			Sorbent:			
State:			Email Address: tom.rolfson@powererg.com						
Zip:			Telephone #:						
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
6	C43194	sample	5/21/25	10:33 AM	6/4/25	10:43 AM	JB / JB		
5	B50578	sample	5/21/25	10:39 AM	6/4/25	10:51 AM	JB / JB		
4	B46256	sample	5/21/25	10:43 AM	6/4/25	10:58 AM	JB / JB		
3	C40129	sample	5/21/25	10:48 AM	6/4/25	11:04 AM	JB / JB		
2	B14199	sample	5/21/25	10:54 AM	6/4/25	11:13 AM	JB / JB		
1	C37037	sample	5/21/25	10:58 AM	6/4/25	11:18 AM	JB / JB		
1	C55399	blank	5/21/25	10:58 AM	6/4/25	11:18 AM	JB / JB		
13	B20616	sample	5/21/25	11:04 AM	6/4/25	11:24 AM	JB / JB		
Relinquished By (printed):			Relinquished By (signature):			Relinquished Date:		Relinquished Time:	
Jen Bowidowicz			<i>Jennifer Bowidowicz</i>			6/4/2025			
Recieved By (printed):			Recieved By (signature):			Receipt Date:		Receipt Time:	
<i>Daniel Simpson</i>			<i>Dil h</i>			6/5/25		11:41	
Sample Condition Upon Receipt:			Compound List:			Custody Seal intact? Y/N:		Delivery tracking #	
Good			BTEX			Y			
Ice Temp:	Blank Temp:					Add Custody Seal # below:			
—	10.7	Fluke				24615092			
Comments:									
Please pull the ambient temp from the KPWM NOAA station. Thank you									
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com									



EPA Method 325 A/B Field Test Data Sheet and Chain of Custody Record

Page # 2 of # 2

☒ Standard Turn Around Time (7 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

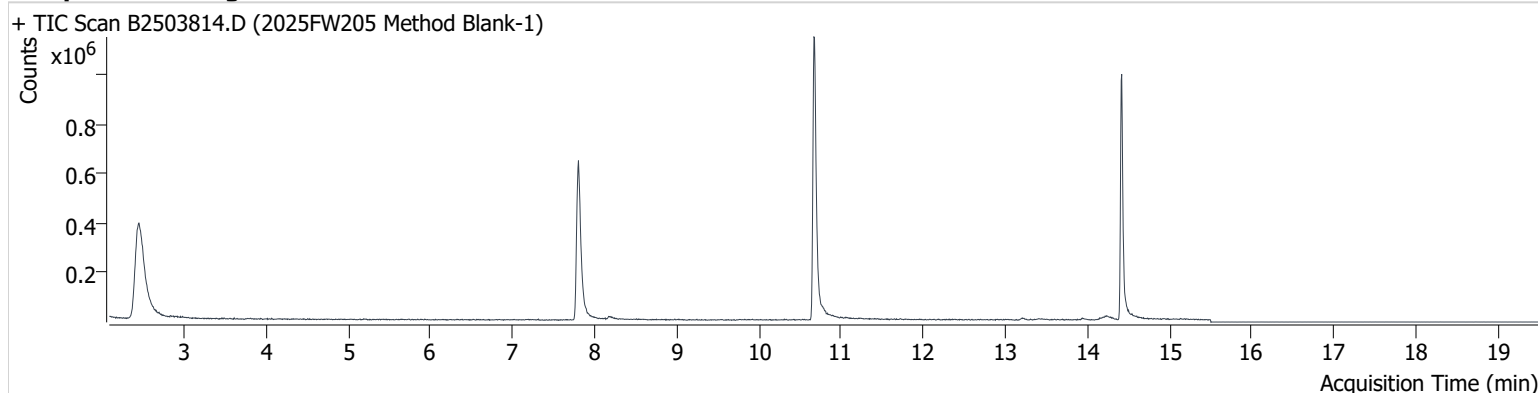
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: South Portland Terminal			Client Name: Portland Pipe Line			PO#:			
Site Address:			Project Number:			Sample Event #:			
City:			Project Manager: Tom Rolfson			Sorbent:			
State:			Email Address: tom.rolfson@powererg.com						
Zip:			Telephone #:						
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
12	B44233	sample	5/21/25	11:11 AM	6/4/25	11:32 AM	JB / JB		
11	C53629	sample	5/21/25	11:16 AM	6/4/25	11:39 AM	JB / JB		
10	C39248	sample	5/21/25	11:21 AM	6/4/25	11:44 AM	JB / JB		
9	C56810	sample	5/21/25	11:25 AM	6/4/25	11:48 AM	JB / JB		
8	C00648	sample	5/21/25	11:31 AM	6/4/25	11:57 AM	JB / JB		
8	B16810	duplicate	5/21/25	11:31 AM	6/4/25	11:57 AM	JB / JB		
7	C43208	sample	5/21/25	11:36 AM	6/4/25	11:59 AM	JB / JB		
Relinquished By (printed): Jen Bowidowicz			Relinquished By (signature): <i>Jennifer Bowidowicz</i>			Relinquished Date: 6/4/2025		Relinquished Time:	
Recieved By (printed): Daniel Simpson			Recieved By (signature): <i>Dan Simpson</i>			Receipt Date: 6/5/25		Receipt Time: 11:41	
Sample Condition Upon Receipt: Good			Compound List: BTEX			Custody Seal intact? Y/N: Y		Delivery tracking #	
Ice Temp: <i>—</i>	Blank Temp: 10.7	Fluke 4				Add Custody Seal # below: 24615092			
Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you									
800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com									

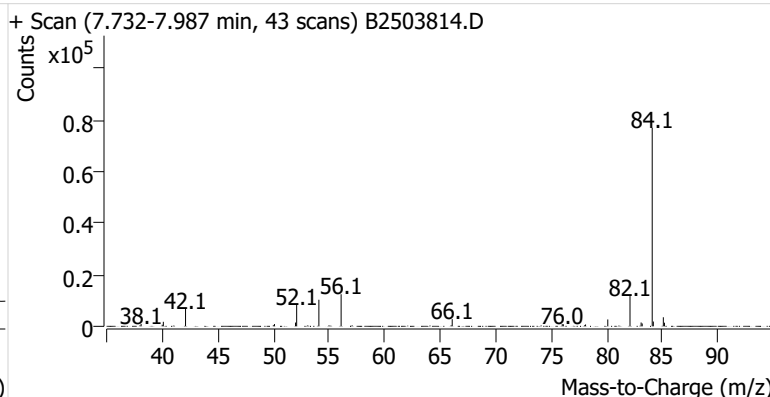
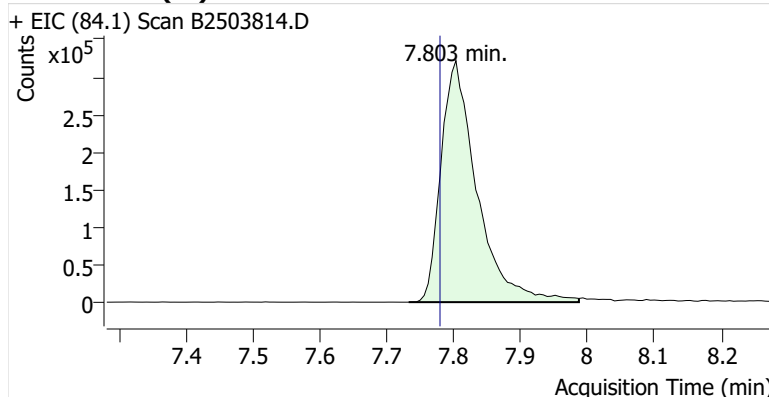
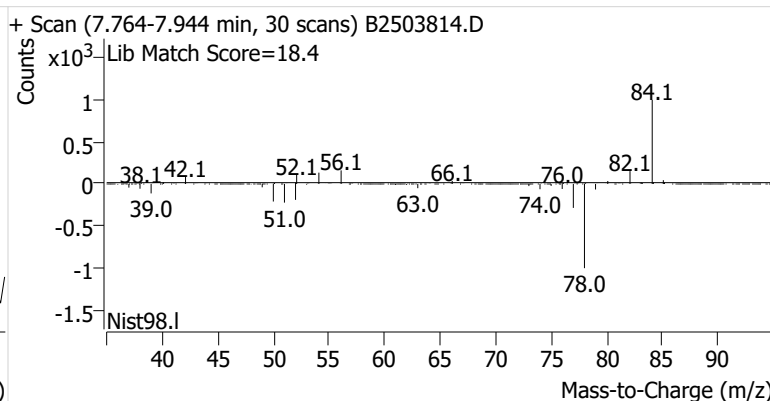
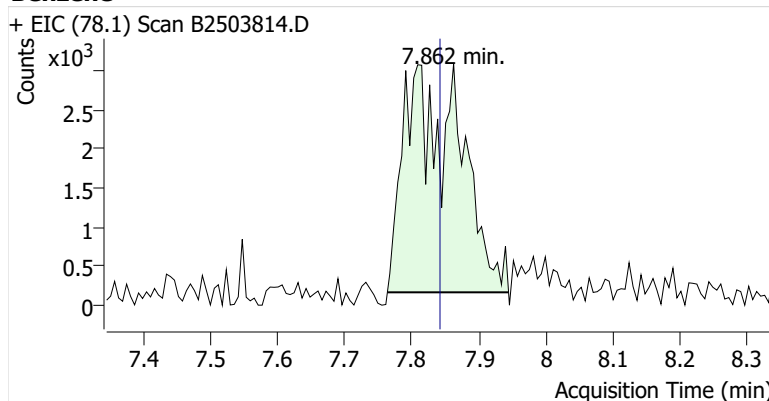
Sample Chromatograms



Name 2025FW205 Method Blank-1
Comment B46339
Data File B2503814.D
Acq. Date-Time 6/5/2025 5:43:46 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

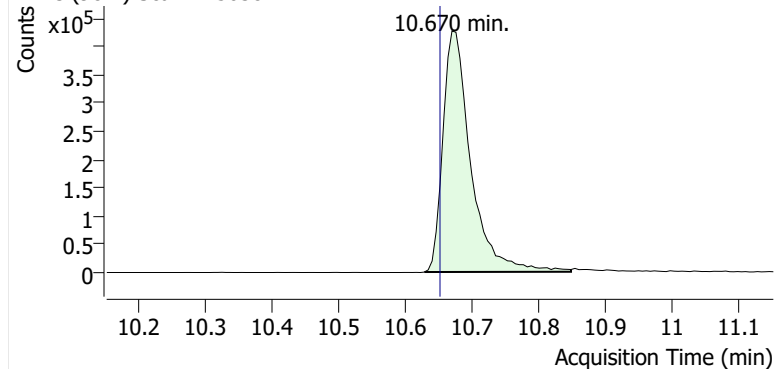
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,204,953	
Benzene	Benzene-d6 (IS)	7.862	7.842	16,449	
Toluene-d8 (IS)		10.670	10.652	1,238,550	
Toluene	Toluene-d8 (IS)	10.776	10.758	13,835	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	7,639	
m-/p-Xylenes	Toluene-d8 (IS)	13.418	13.370	5,552	
o-Xylene	Toluene-d8 (IS)	13.952	13.892	6,038	m

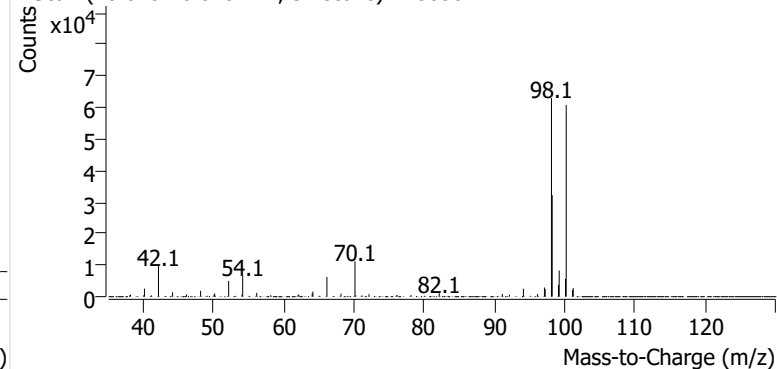
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

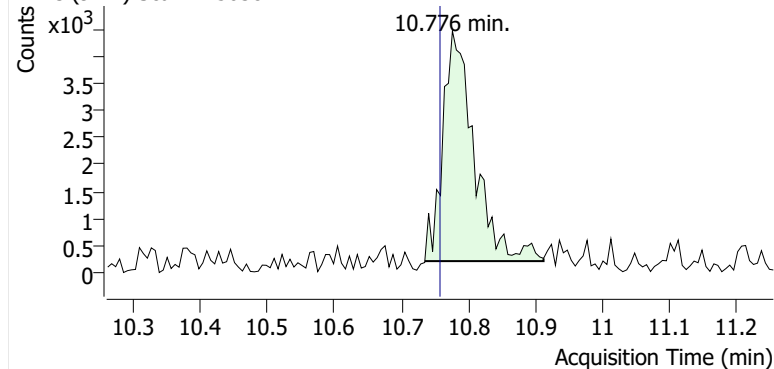
+ EIC (98.1) Scan B2503814.D



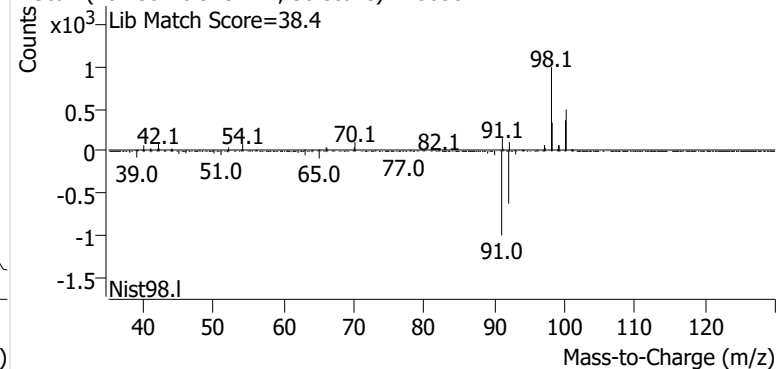
+ Scan (10.628-10.848 min, 37 scans) B2503814.D

**Toluene**

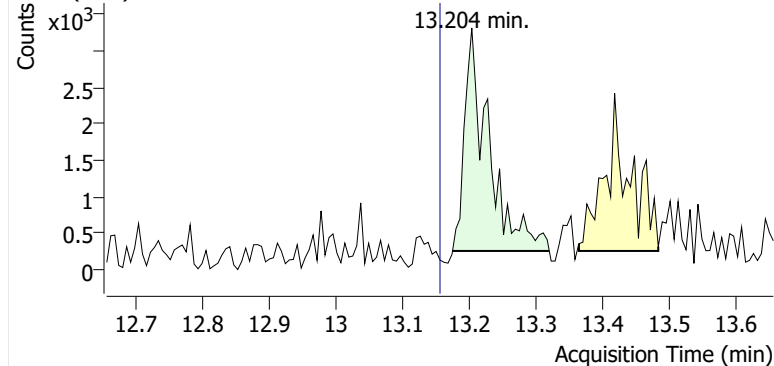
+ EIC (91.1) Scan B2503814.D



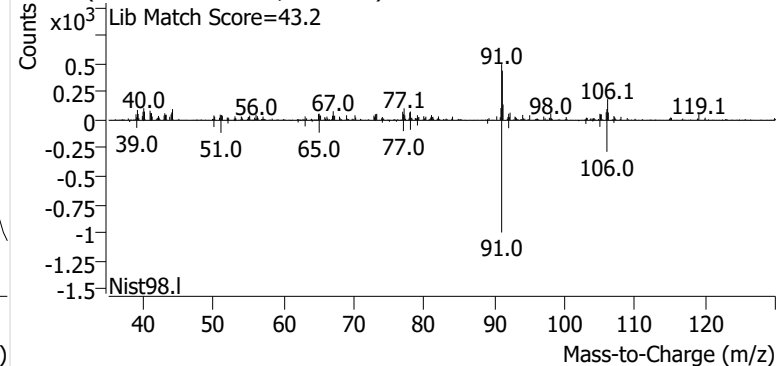
+ Scan (10.735-10.913 min, 30 scans) B2503814.D

**Ethylbenzene**

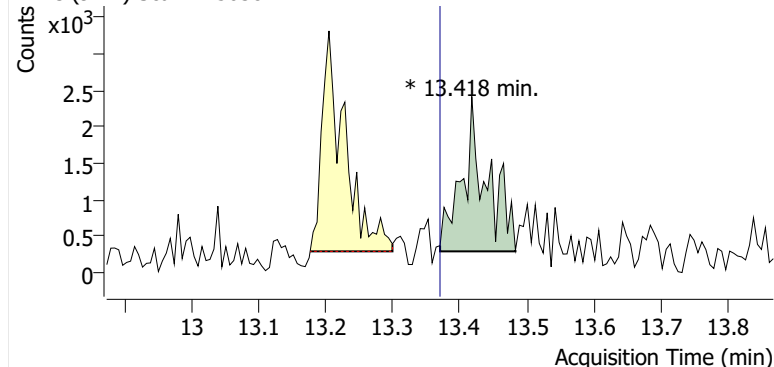
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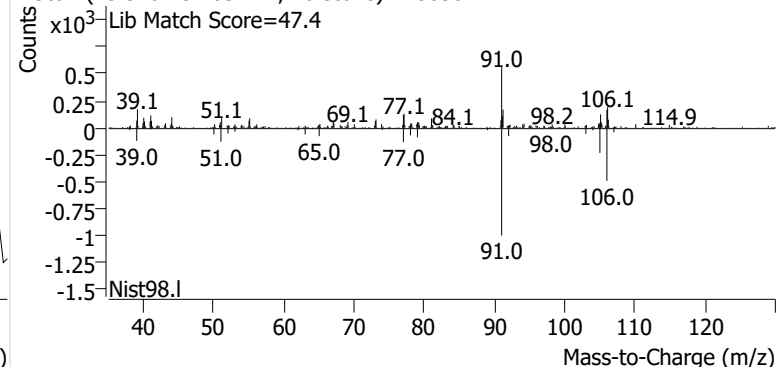
+ Scan (13.175-13.320 min, 24 scans) B2503814.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503814.D

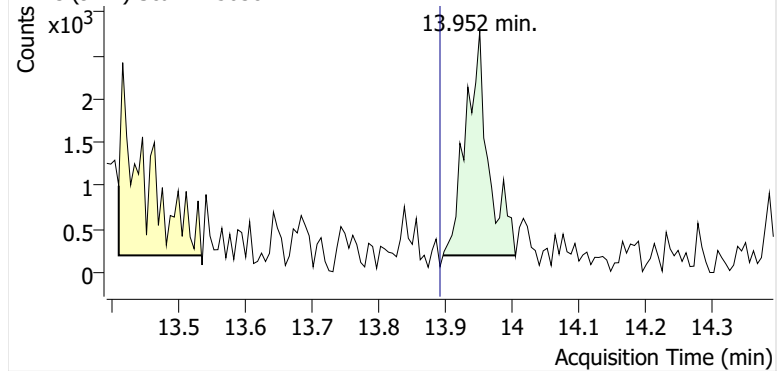


+ Scan (13.370-13.483 min, 20 scans) B2503814.D

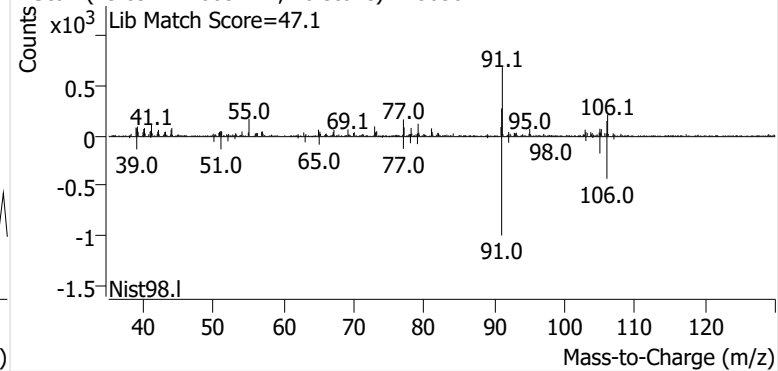


o-Xylene

+ EIC (91.1) Scan B2503814.D

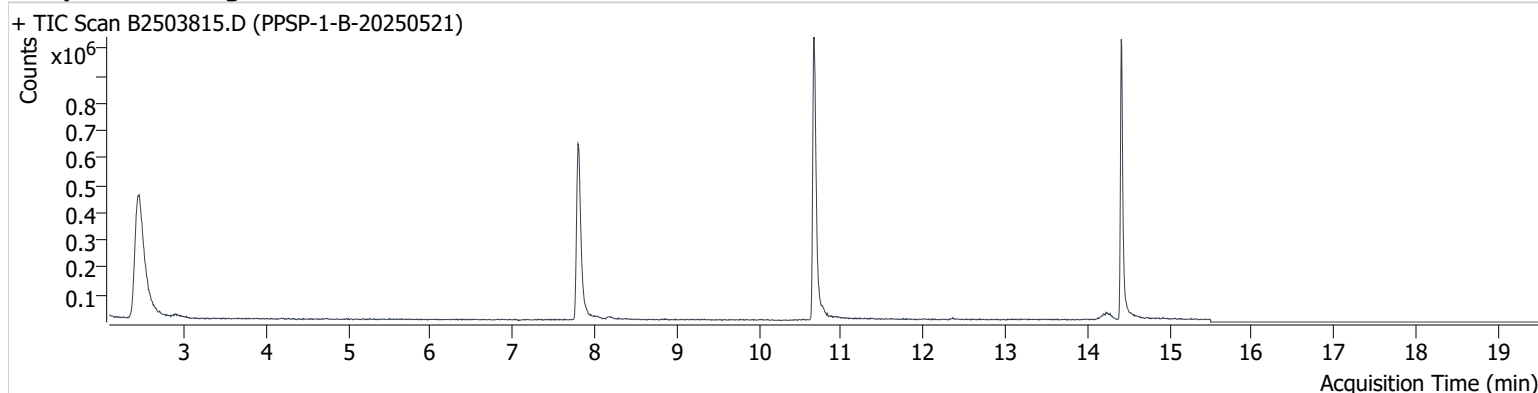


+ Scan (13.897-14.005 min, 18 scans) B2503814.D



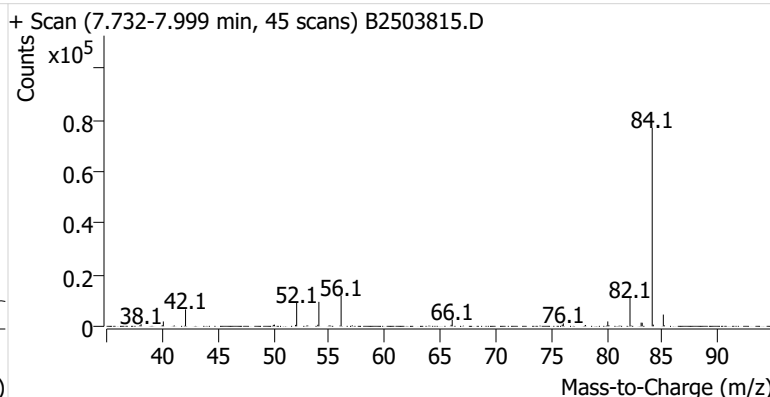
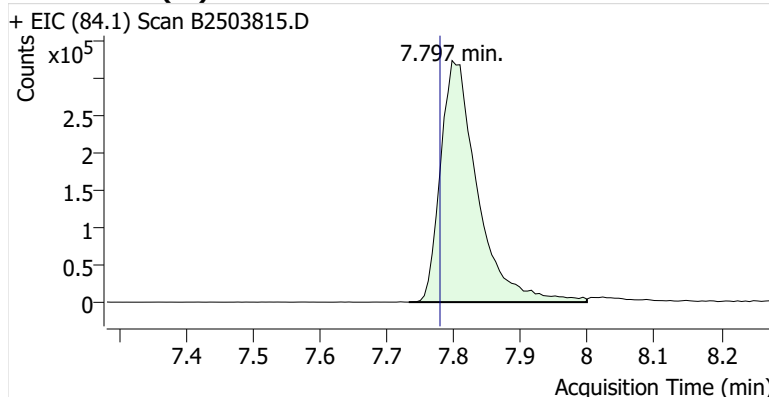
Name PPSP-1-B-20250521
Comment C55399
Data File B2503815.D
Acq. Date-Time 6/5/2025 6:21:06 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

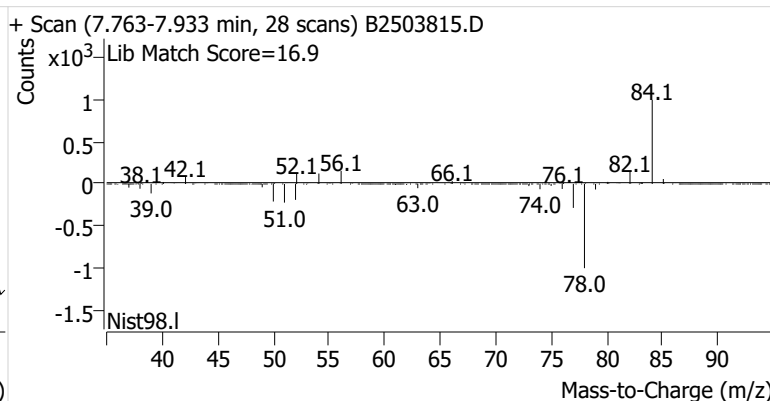
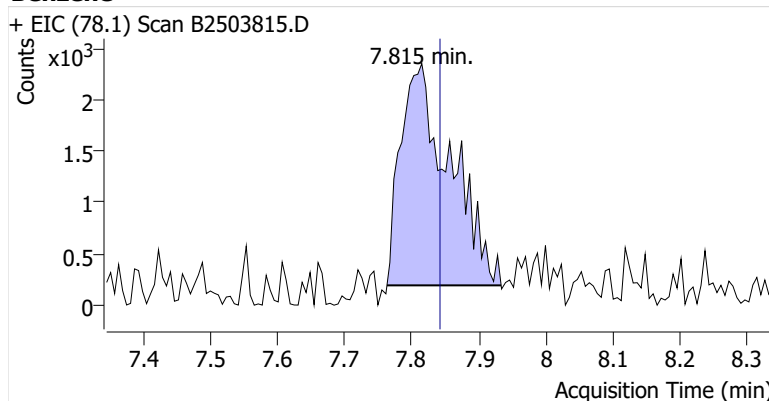


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,241,031	
Benzene	Benzene-d6 (IS)	7.815	7.842	10,953	
Toluene-d8 (IS)		10.664	10.652	1,118,392	
Toluene	Toluene-d8 (IS)	10.782	10.758	5,615	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.156	1,321	m
m-/p-Xylenes	Toluene-d8 (IS)	13.489	13.370	800	
o-Xylene	Toluene-d8 (IS)	13.958	13.892	1,613	

Benzene-d6 (IS)

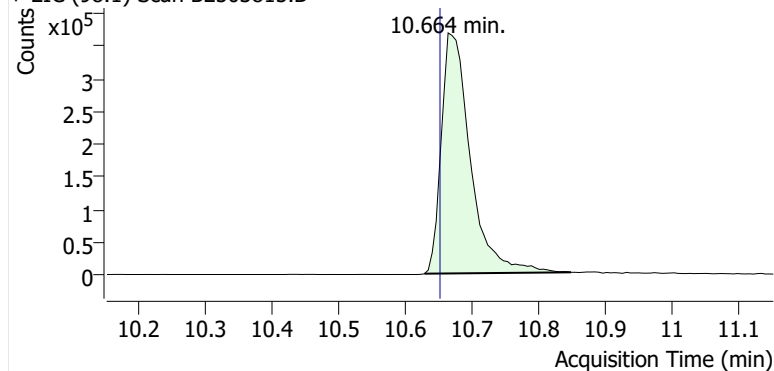


Benzene

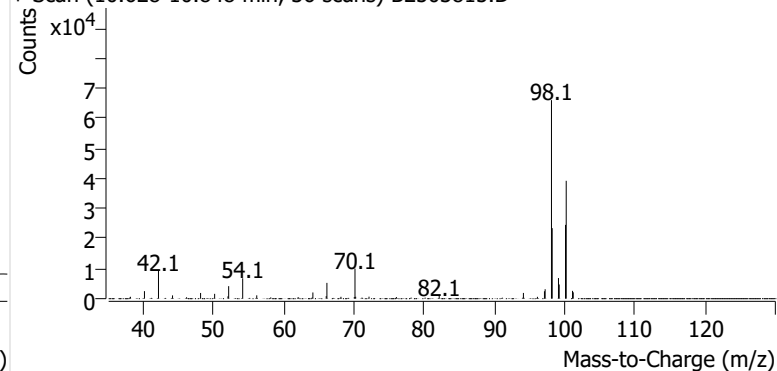


Toluene-d8 (IS)

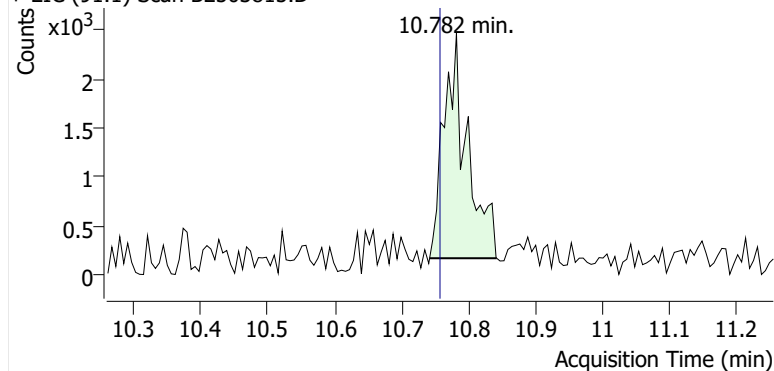
+ EIC (98.1) Scan B2503815.D



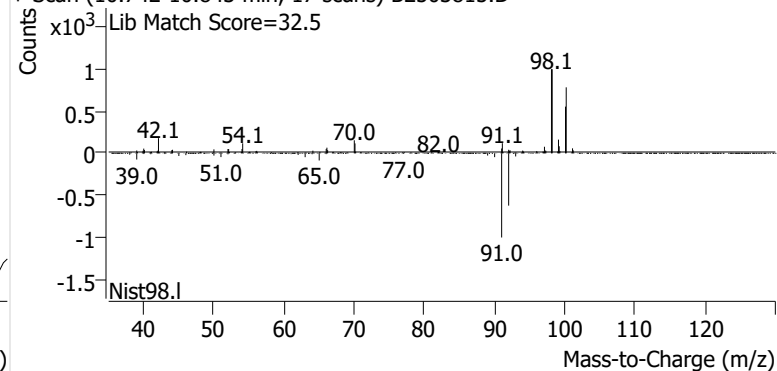
+ Scan (10.628-10.848 min, 36 scans) B2503815.D

**Toluene**

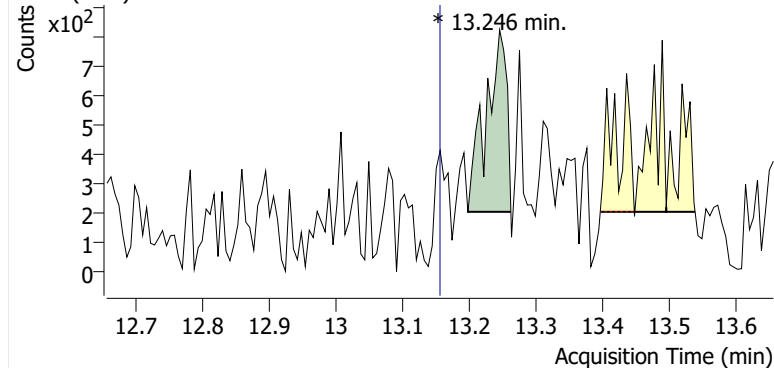
+ EIC (91.1) Scan B2503815.D



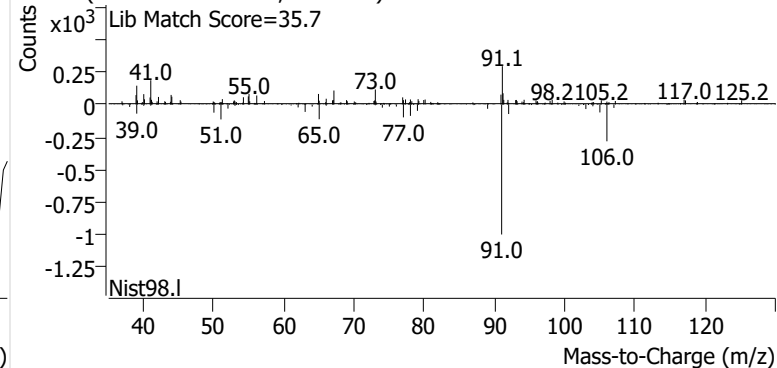
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**Ethylbenzene**

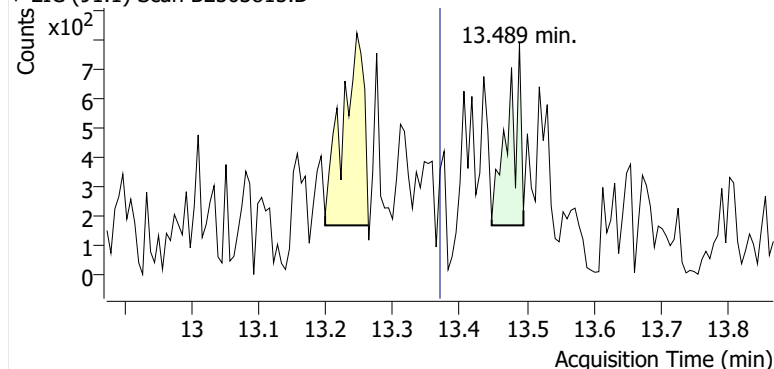
+ EIC (91.1) Scan B2503815.D



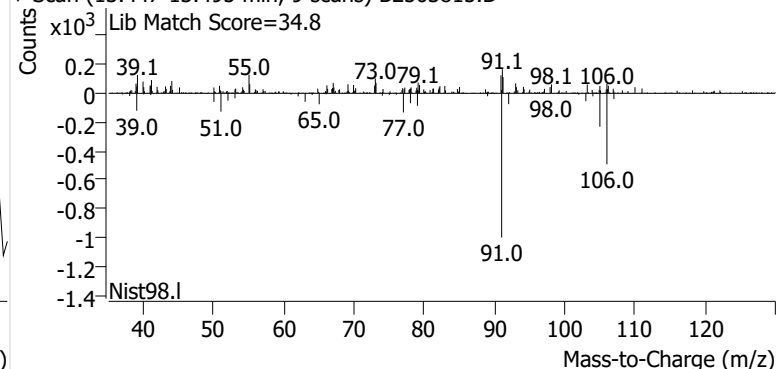
+ Scan (13.198-13.262 min, 10 scans) B2503815.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503815.D

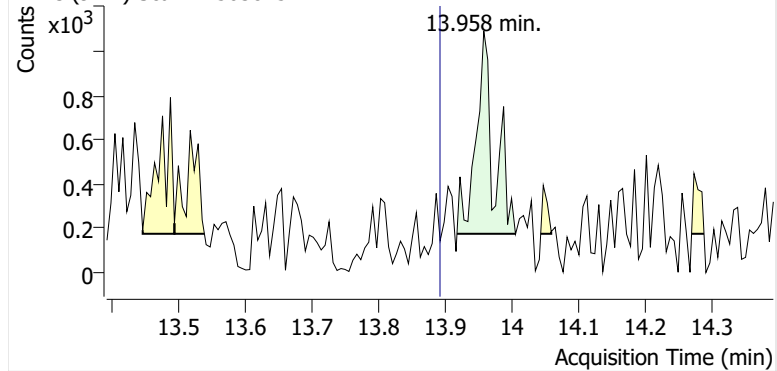


+ Scan (13.447-13.495 min, 9 scans) B2503815.D

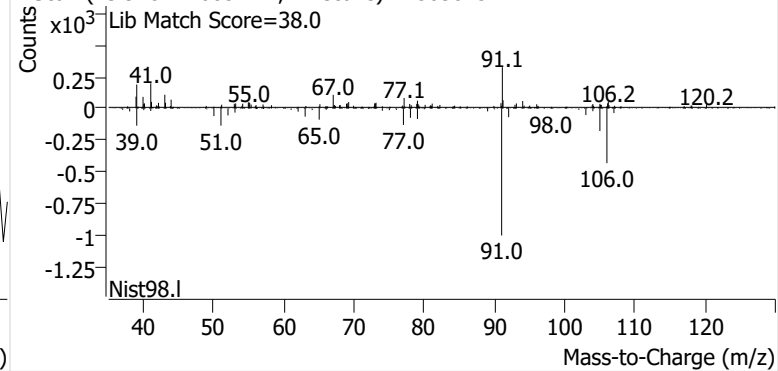


o-Xylene

+ EIC (91.1) Scan B2503815.D

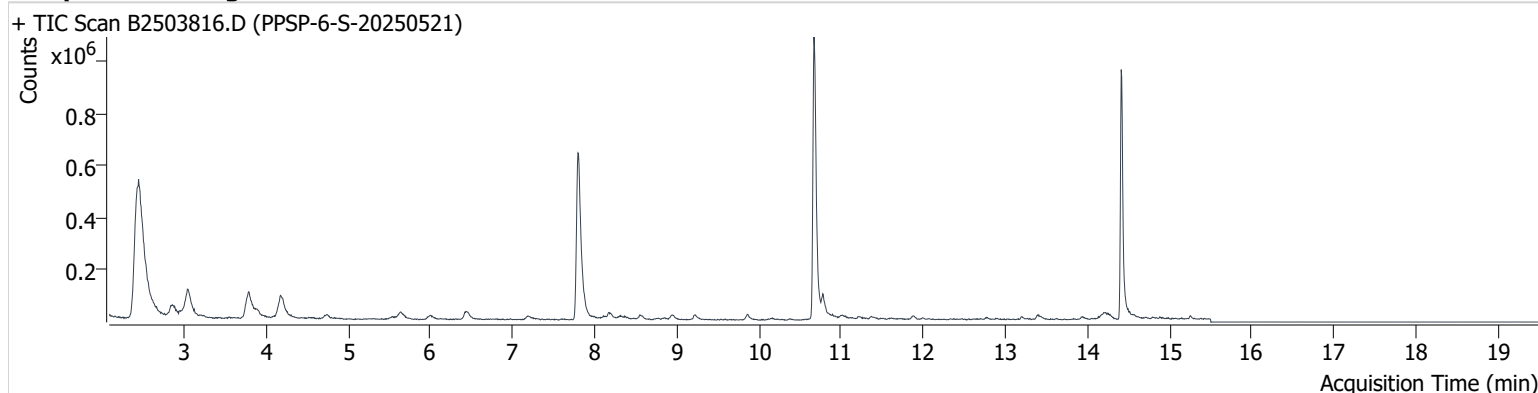


+ Scan (13.918-14.005 min, 14 scans) B2503815.D



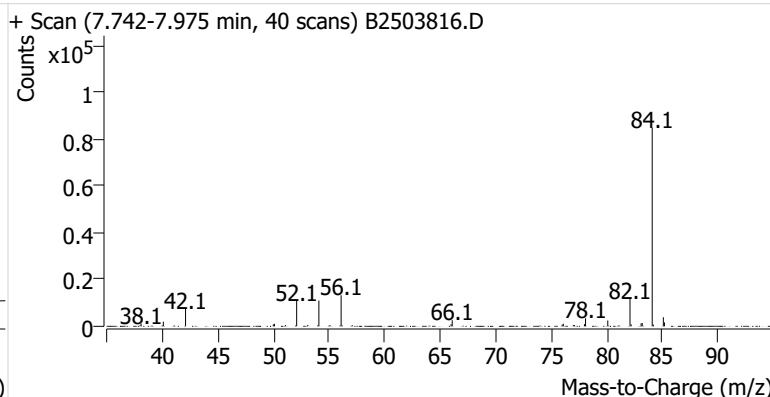
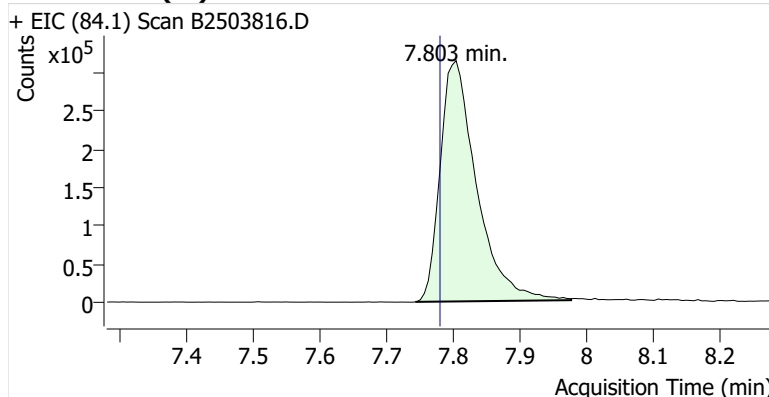
Name PPSP-6-S-20250521
Comment C43194
Data File B2503816.D
Acq. Date-Time 6/5/2025 6:58:30 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

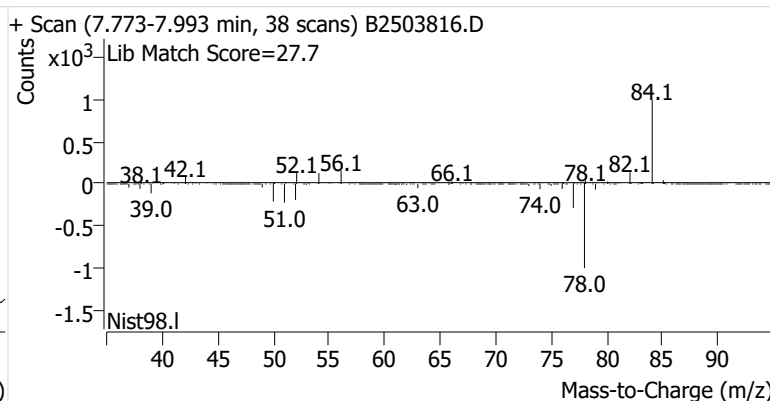
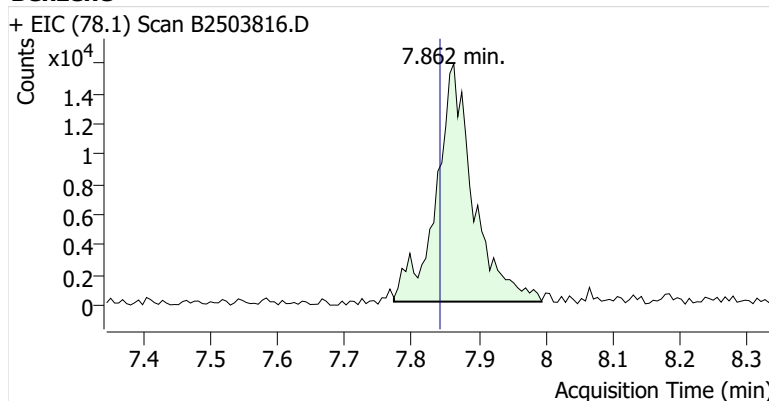


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,196,302	
Benzene	Benzene-d6 (IS)	7.862	7.842	60,534	
Toluene-d8 (IS)		10.670	10.652	1,142,986	
Toluene	Toluene-d8 (IS)	10.783	10.758	73,611	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	11,358	
m-/p-Xylenes	Toluene-d8 (IS)	13.406	13.370	24,050	
o-Xylene	Toluene-d8 (IS)	13.934	13.892	10,557	

Benzene-d6 (IS)

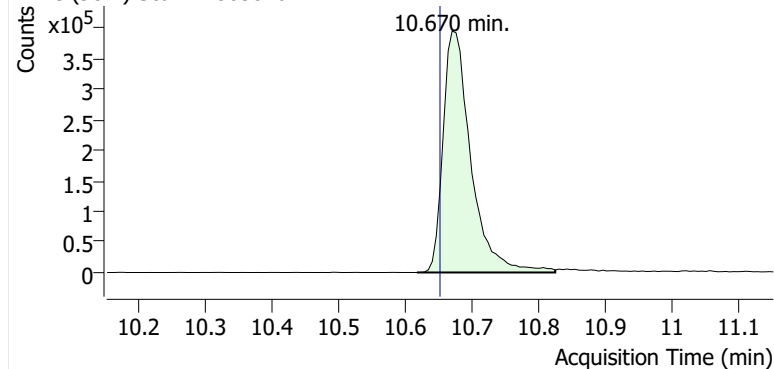


Benzene

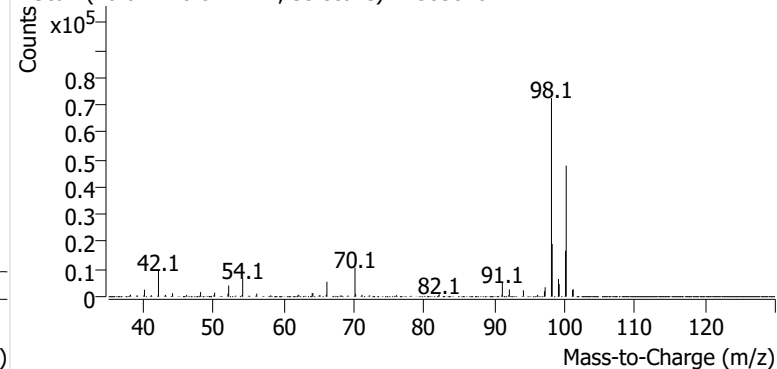


Toluene-d8 (IS)

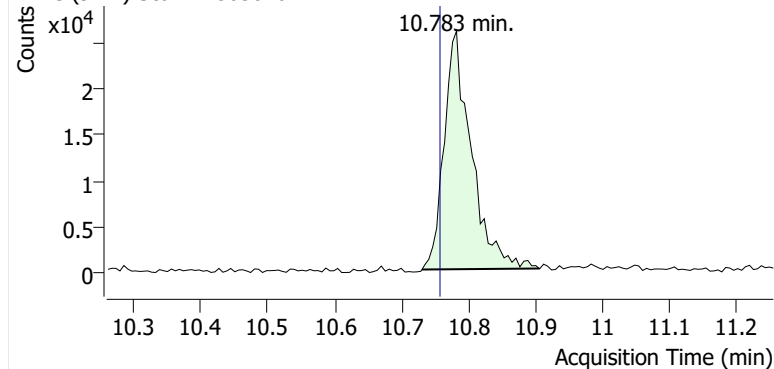
+ EIC (98.1) Scan B2503816.D



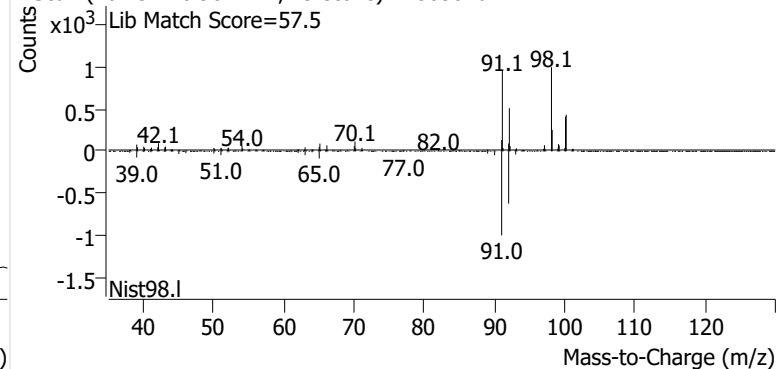
+ Scan (10.617-10.824 min, 35 scans) B2503816.D

**Toluene**

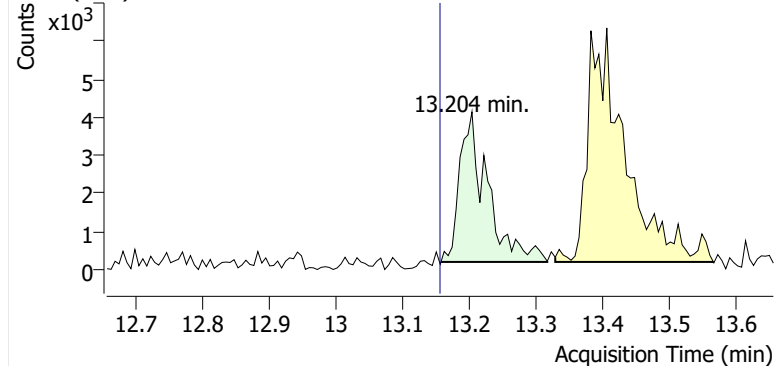
+ EIC (91.1) Scan B2503816.D



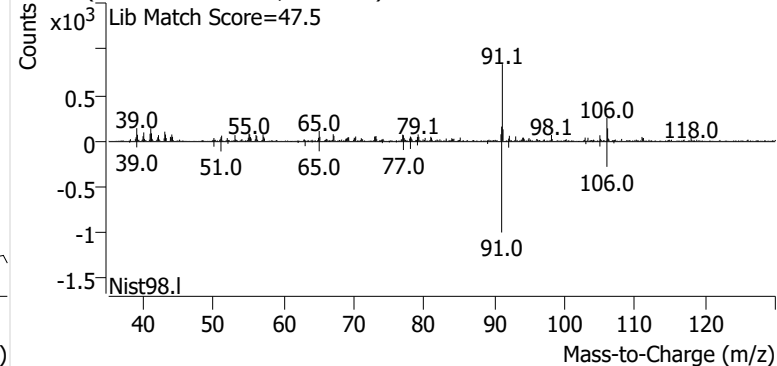
+ Scan (10.731-10.907 min, 29 scans) B2503816.D

**Ethylbenzene**

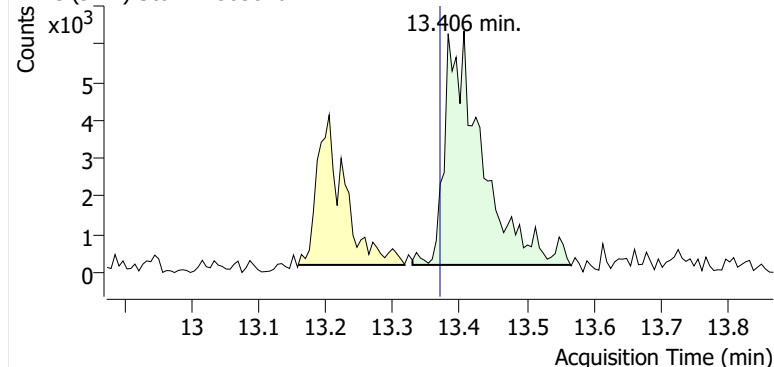
+ EIC (91.1) Scan B2503816.D



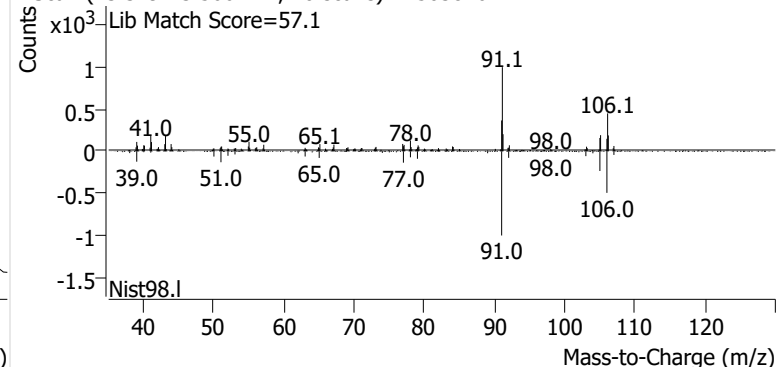
+ Scan (13.158-13.317 min, 27 scans) B2503816.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503816.D

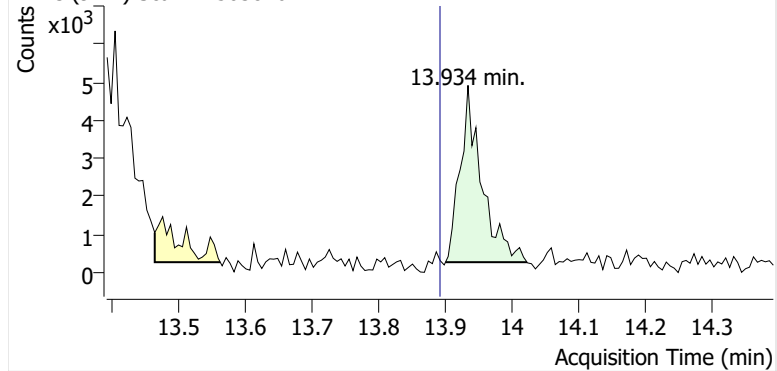


+ Scan (13.329-13.566 min, 40 scans) B2503816.D

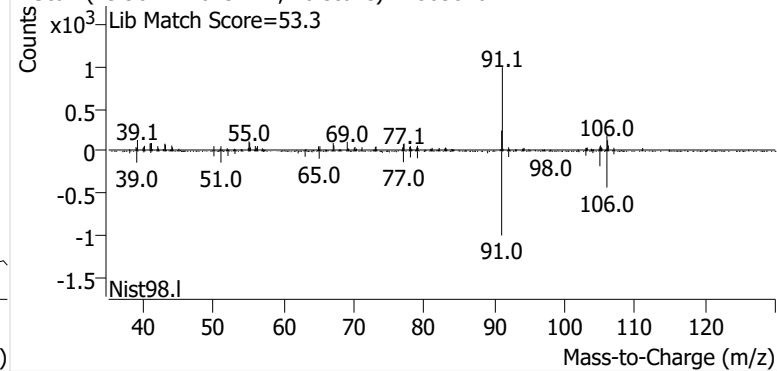


o-Xylene

+ EIC (91.1) Scan B2503816.D

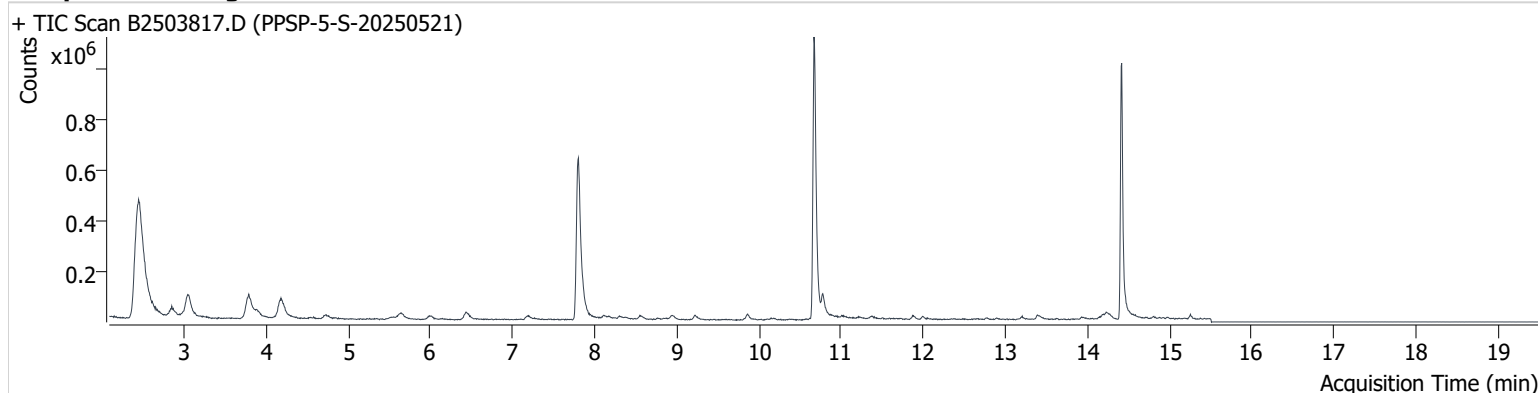


+ Scan (13.901-14.023 min, 20 scans) B2503816.D



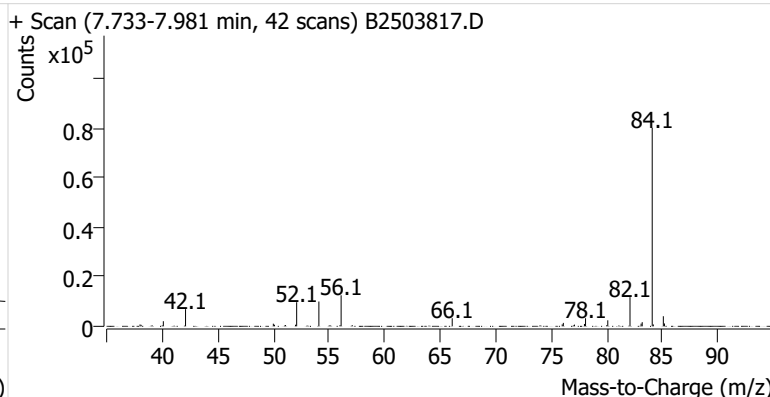
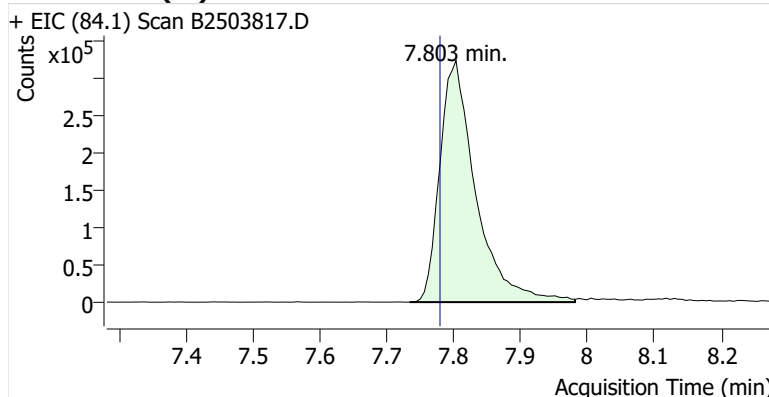
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Comment B50578
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Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

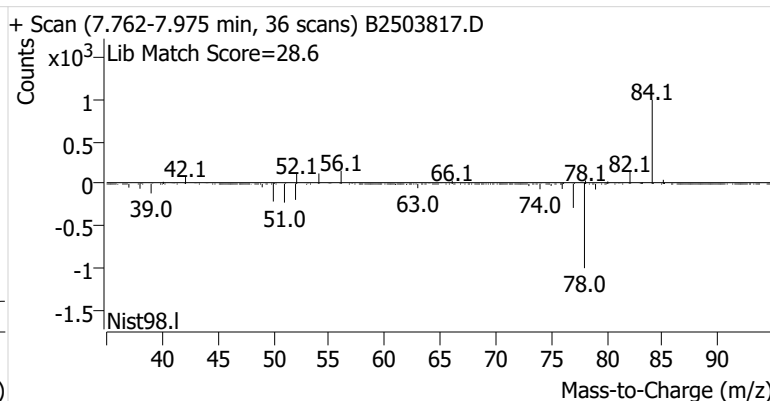
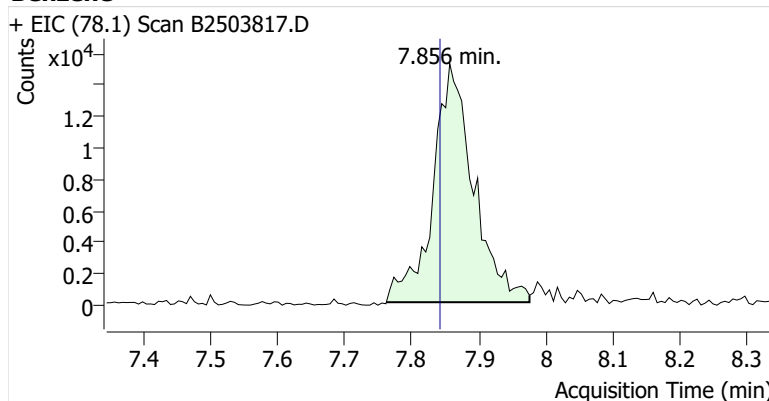


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,212,544	
Benzene	Benzene-d6 (IS)	7.856	7.842	63,829	
Toluene-d8 (IS)		10.676	10.652	1,130,474	
Toluene	Toluene-d8 (IS)	10.783	10.758	76,083	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	10,658	
m-/p-Xylenes	Toluene-d8 (IS)	13.382	13.370	22,632	
o-Xylene	Toluene-d8 (IS)	13.952	13.892	8,171	

Benzene-d6 (IS)

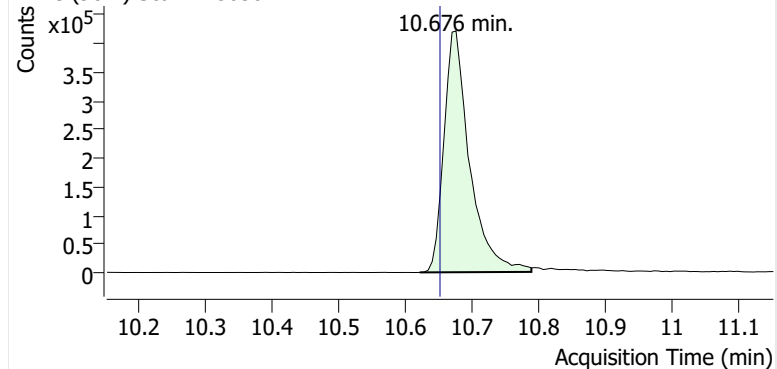


Benzene

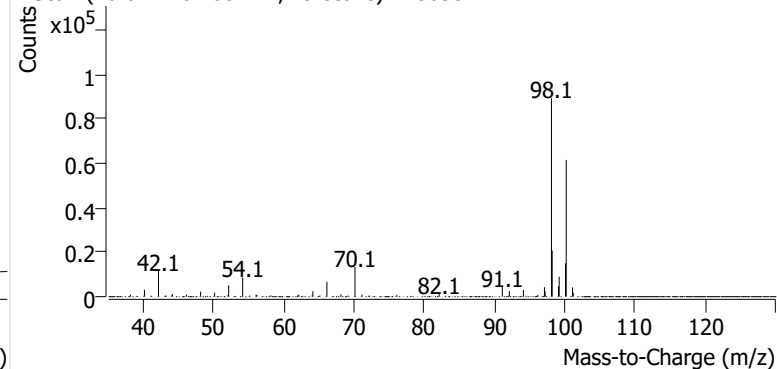


Toluene-d8 (IS)

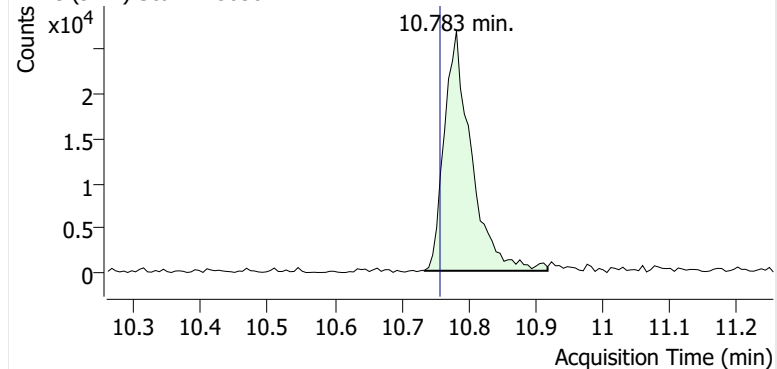
+ EIC (98.1) Scan B2503817.D



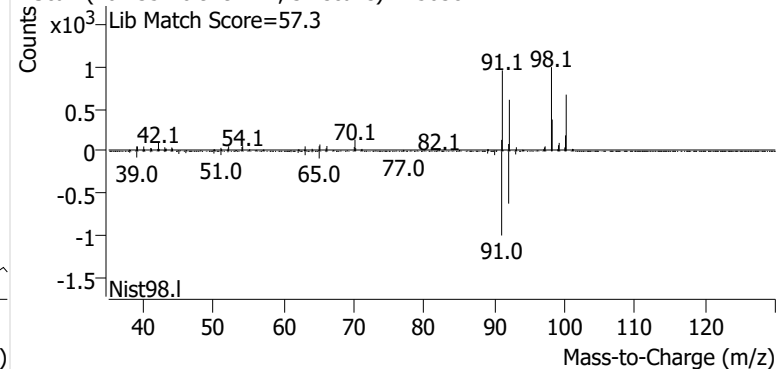
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**Toluene**

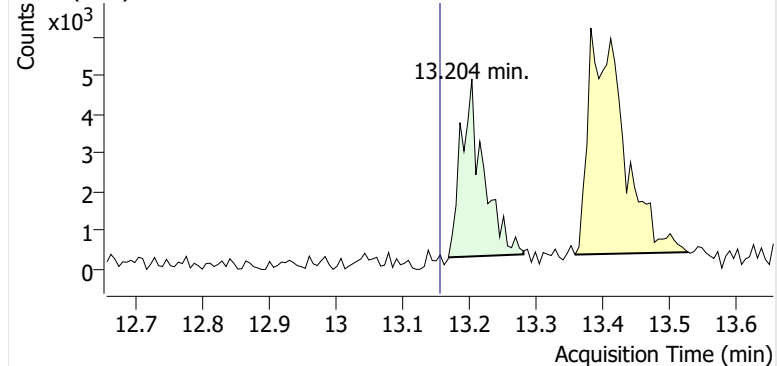
+ EIC (91.1) Scan B2503817.D



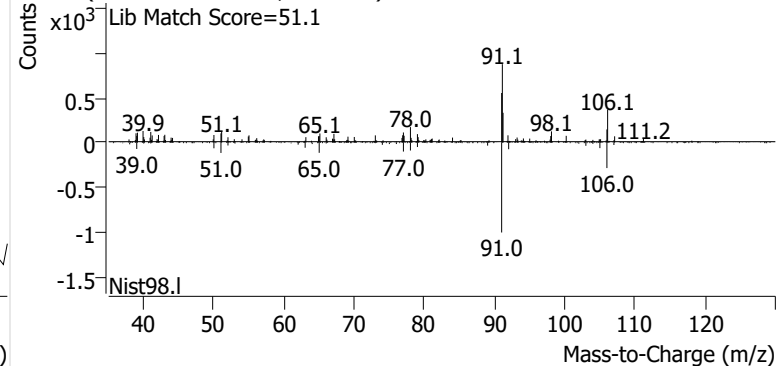
+ Scan (10.735-10.919 min, 32 scans) B2503817.D

**Ethylbenzene**

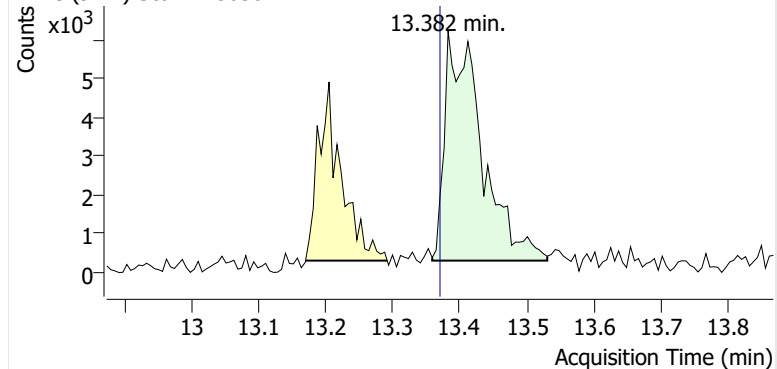
+ EIC (91.1) Scan B2503817.D



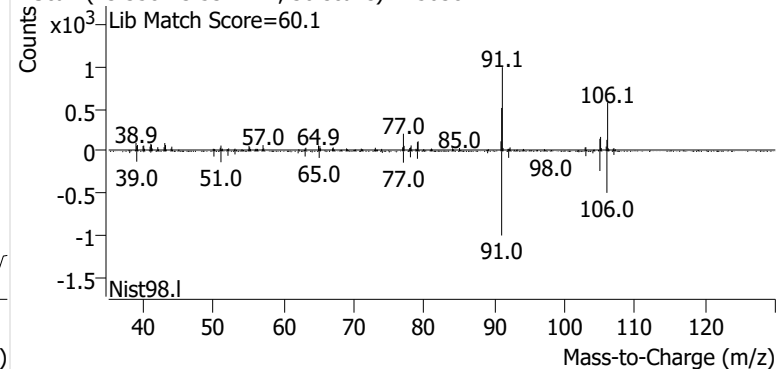
+ Scan (13.169-13.281 min, 19 scans) B2503817.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503817.D

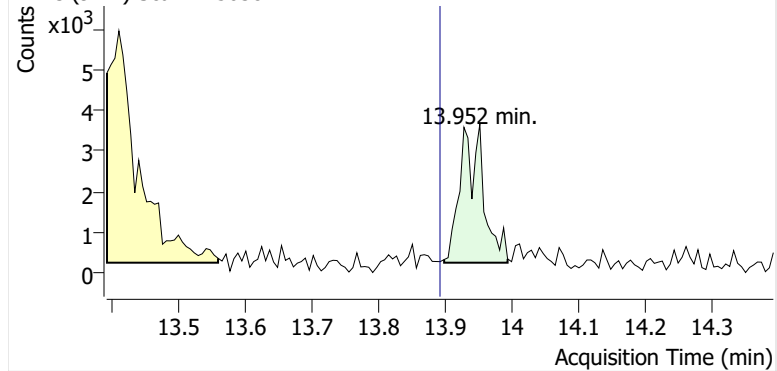


+ Scan (13.358-13.531 min, 30 scans) B2503817.D

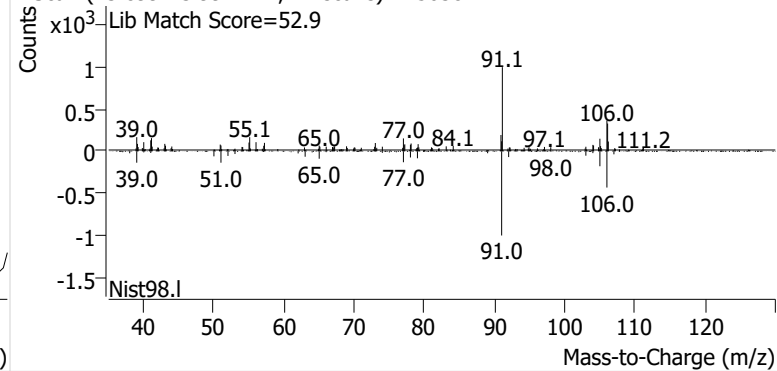


o-Xylene

+ EIC (91.1) Scan B2503817.D

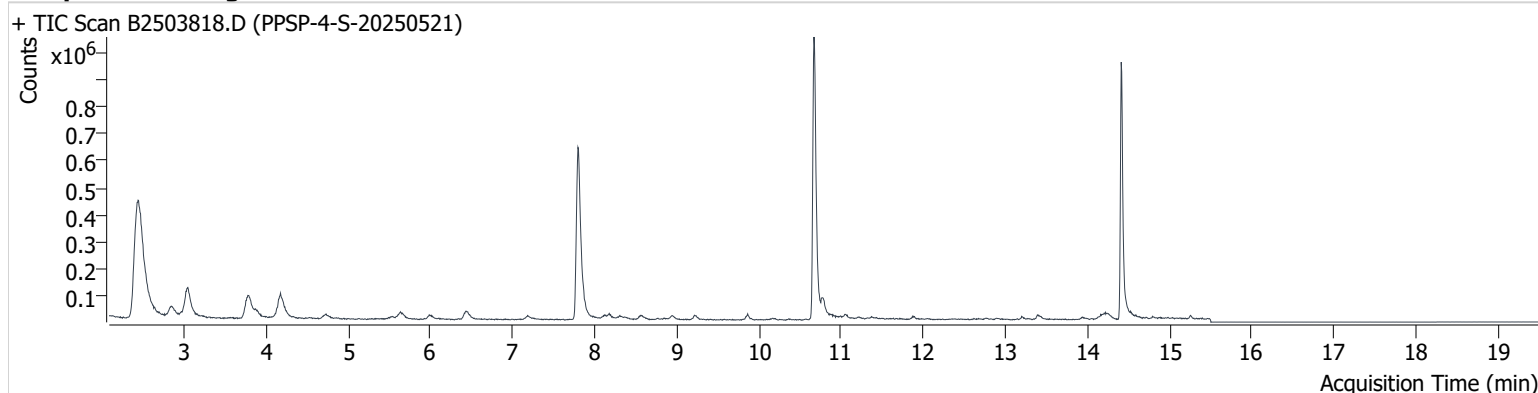


+ Scan (13.899-13.994 min, 17 scans) B2503817.D



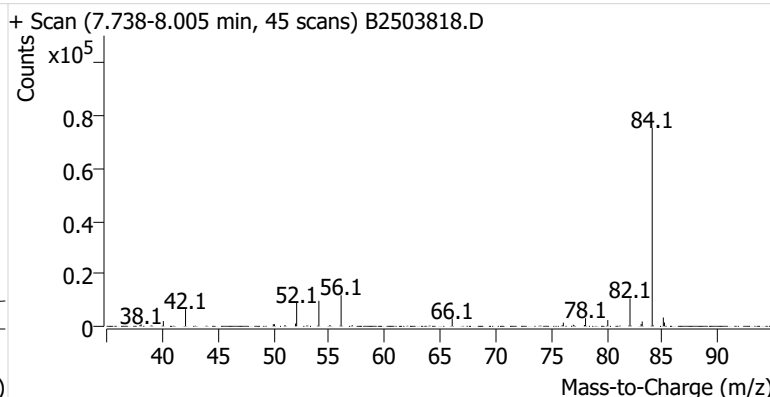
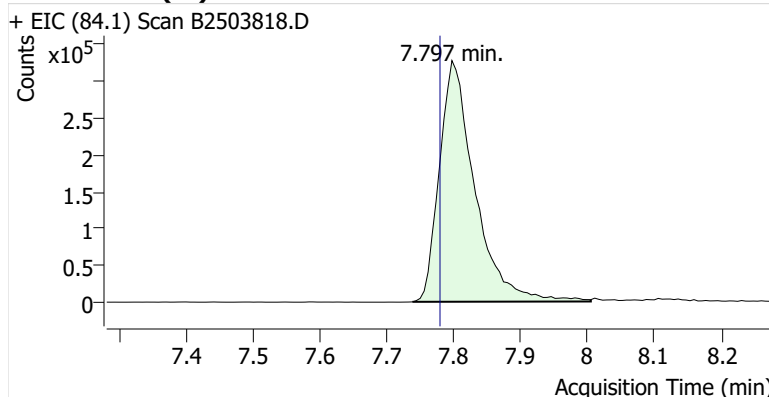
Name PPSP-4-S-20250521
Comment B46256
Data File B2503818.D
Acq. Date-Time 6/5/2025 8:13:10 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

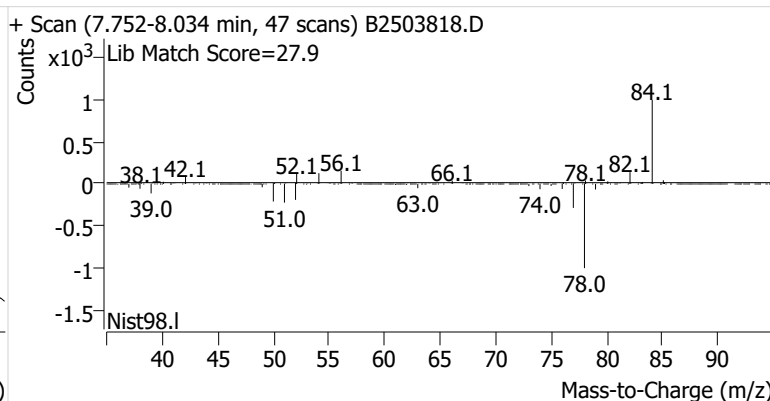
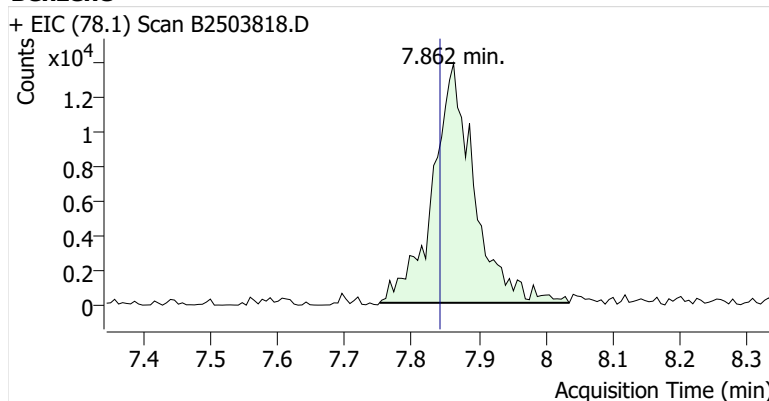


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,205,101	
Benzene	Benzene-d6 (IS)	7.862	7.842	59,401	
Toluene-d8 (IS)		10.670	10.652	1,129,757	
Toluene	Toluene-d8 (IS)	10.782	10.758	60,538	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	11,714	
m-/p-Xylenes	Toluene-d8 (IS)	13.406	13.370	21,000	
o-Xylene	Toluene-d8 (IS)	13.934	13.892	8,787	

Benzene-d6 (IS)

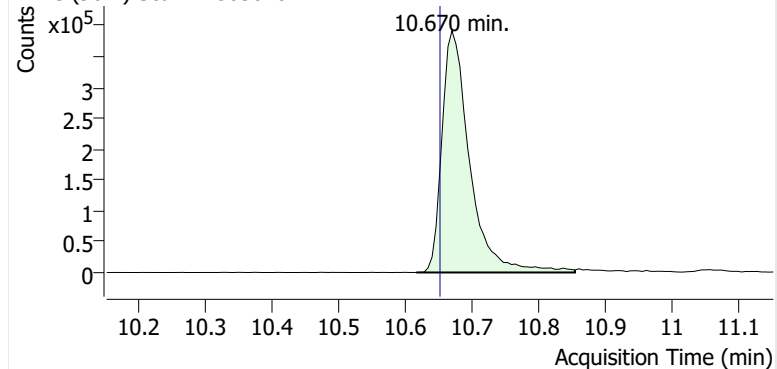


Benzene

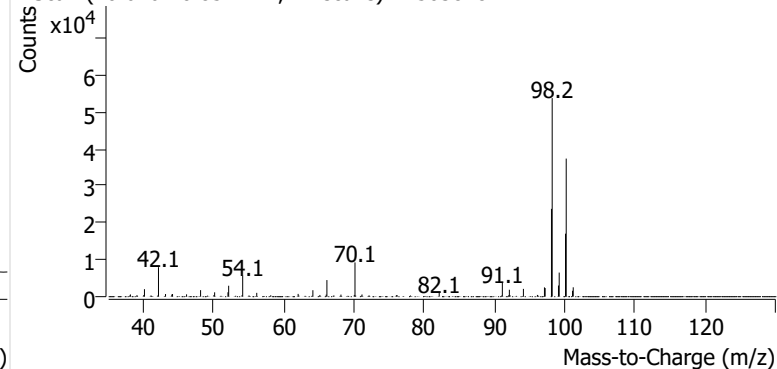


Toluene-d8 (IS)

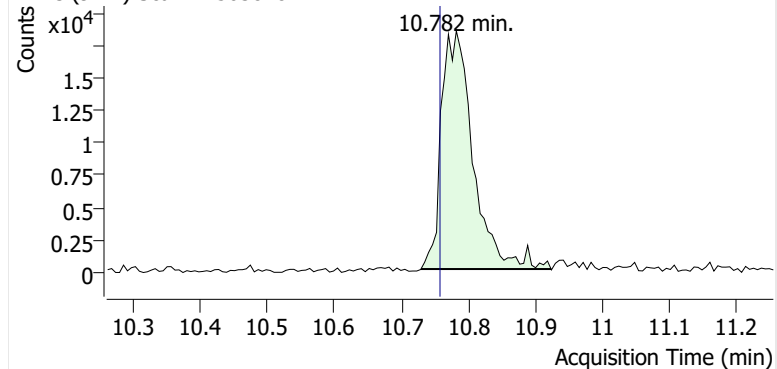
+ EIC (98.1) Scan B2503818.D



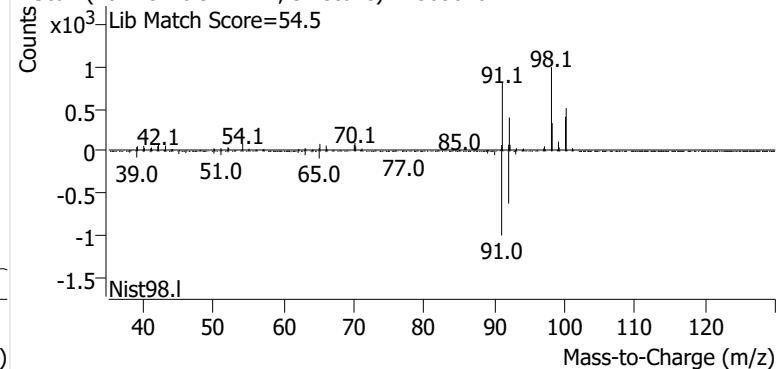
+ Scan (10.616-10.854 min, 41 scans) B2503818.D

**Toluene**

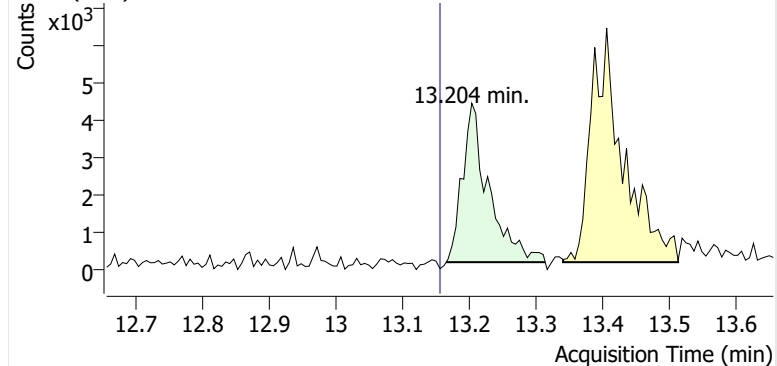
+ EIC (91.1) Scan B2503818.D



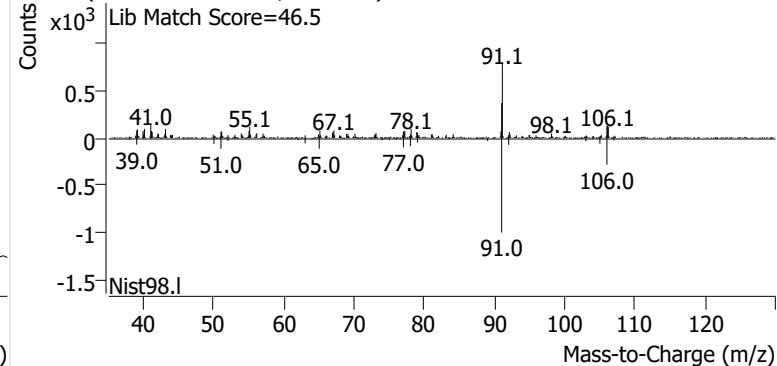
+ Scan (10.729-10.924 min, 32 scans) B2503818.D

**Ethylbenzene**

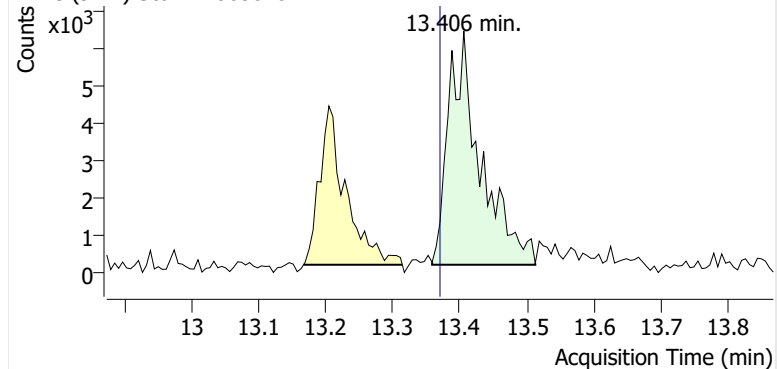
+ EIC (91.1) Scan B2503818.D



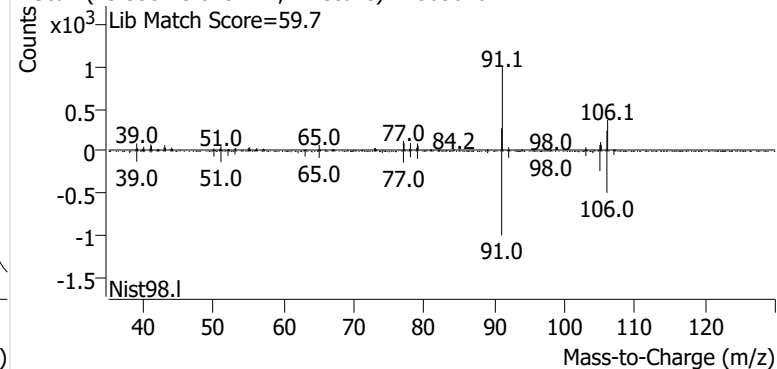
+ Scan (13.166-13.314 min, 25 scans) B2503818.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503818.D

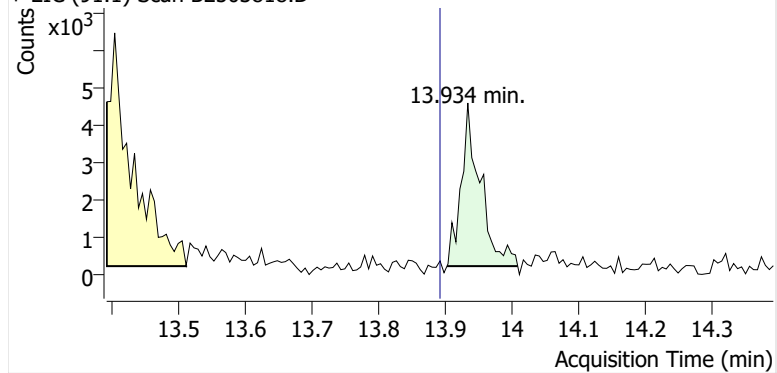


+ Scan (13.358-13.513 min, 27 scans) B2503818.D

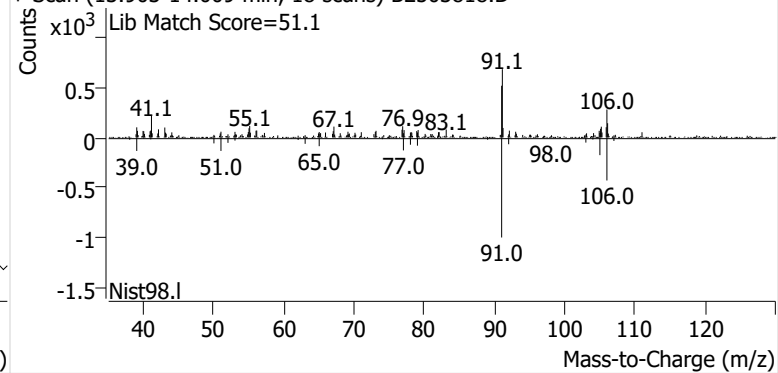


o-Xylene

+ EIC (91.1) Scan B2503818.D

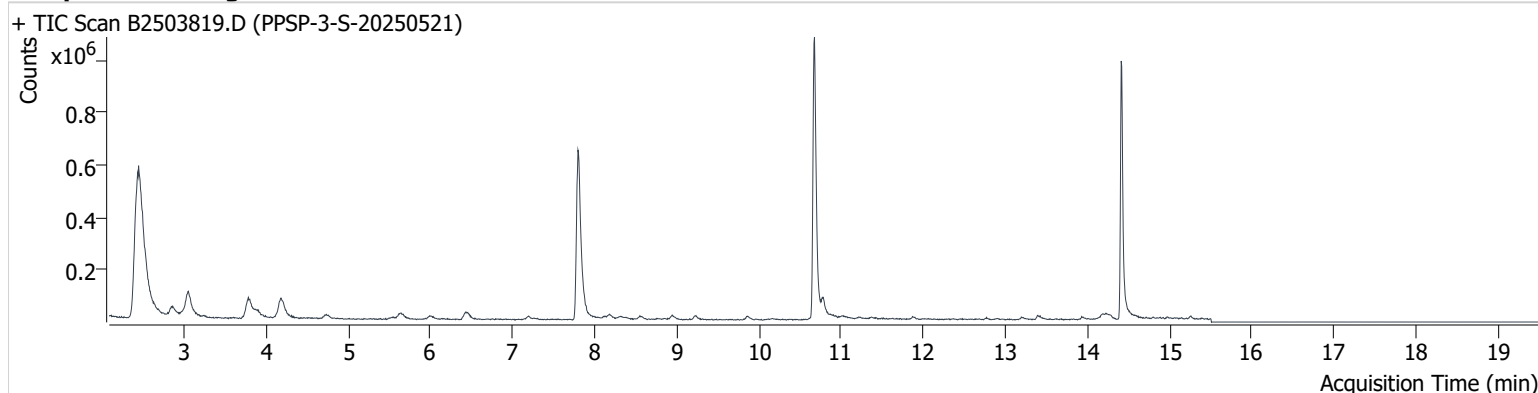


+ Scan (13.903-14.009 min, 18 scans) B2503818.D



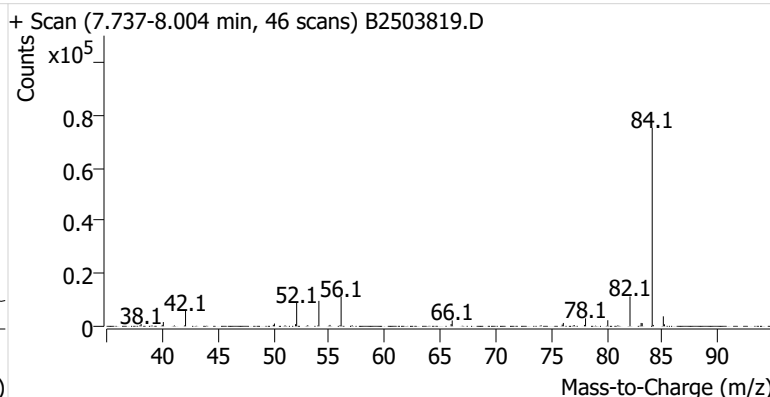
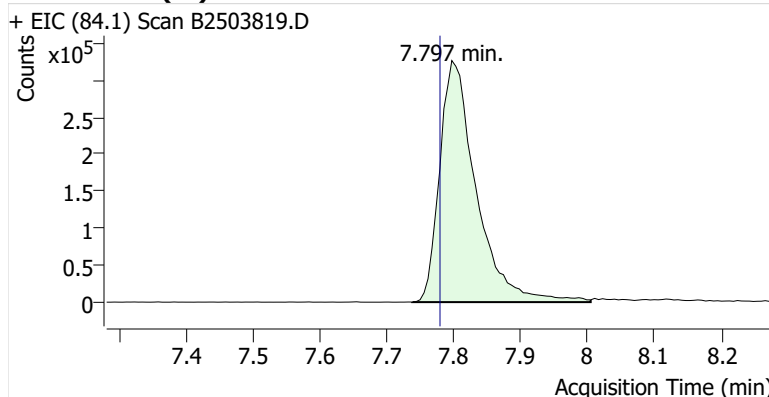
Name PPSP-3-S-20250521
Comment C40129
Data File B2503819.D
Acq. Date-Time 6/5/2025 8:50:31 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

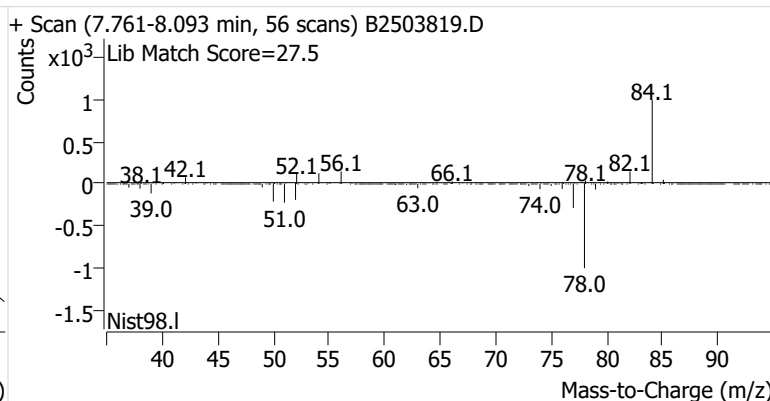
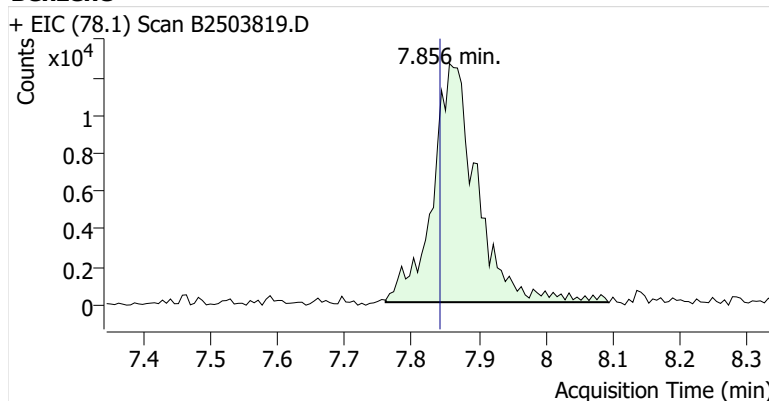


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,237,898	
Benzene	Benzene-d6 (IS)	7.856	7.842	57,919	
Toluene-d8 (IS)		10.675	10.652	1,122,110	
Toluene	Toluene-d8 (IS)	10.782	10.758	58,670	
Ethylbenzene	Toluene-d8 (IS)	13.198	13.156	10,918	
m-/p-Xylenes	Toluene-d8 (IS)	13.388	13.370	20,280	
o-Xylene	Toluene-d8 (IS)	13.928	13.892	6,599	m

Benzene-d6 (IS)

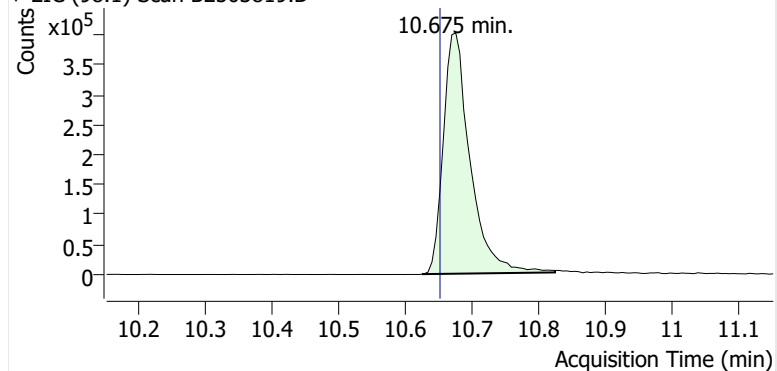


Benzene

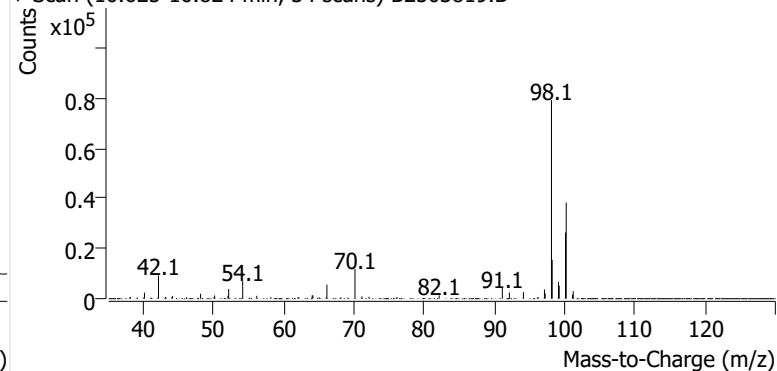


Toluene-d8 (IS)

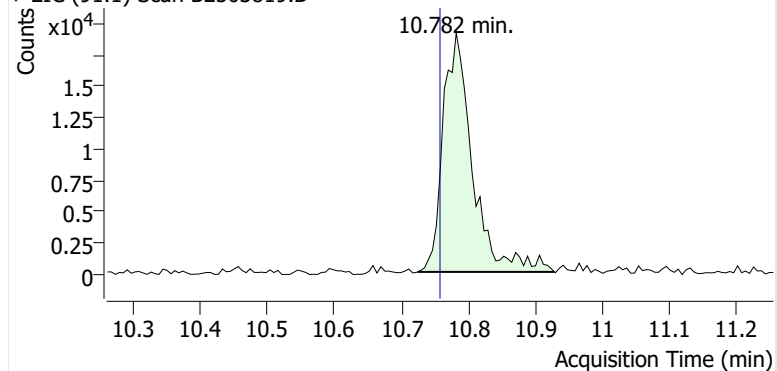
+ EIC (98.1) Scan B2503819.D



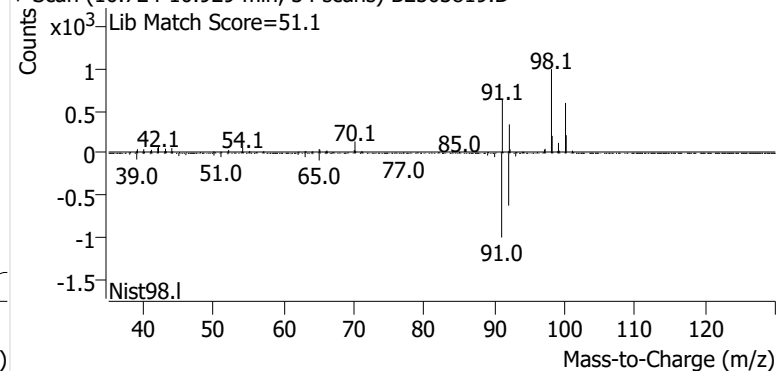
+ Scan (10.625-10.824 min, 34 scans) B2503819.D

**Toluene**

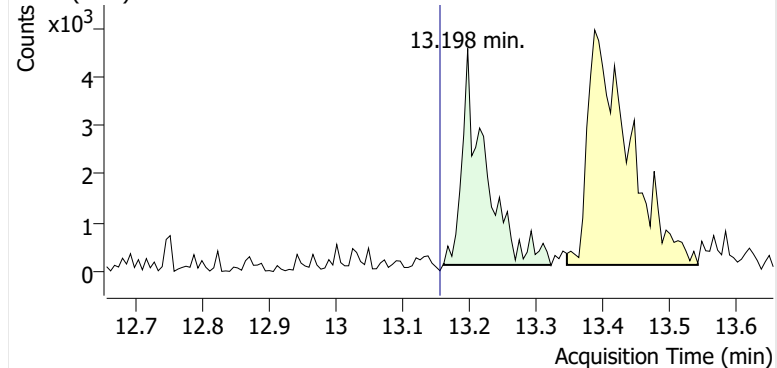
+ EIC (91.1) Scan B2503819.D



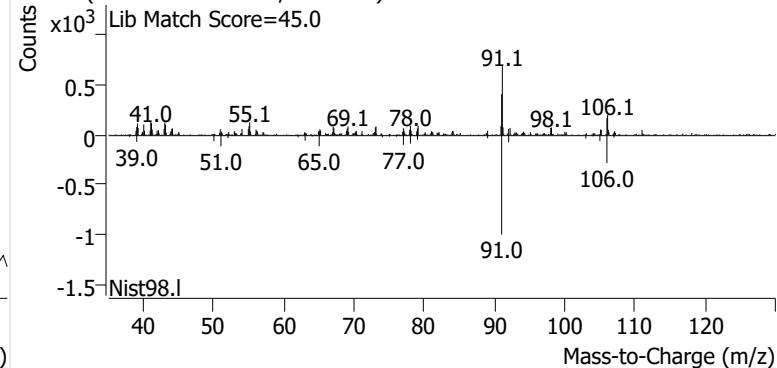
+ Scan (10.724-10.929 min, 34 scans) B2503819.D

**Ethylbenzene**

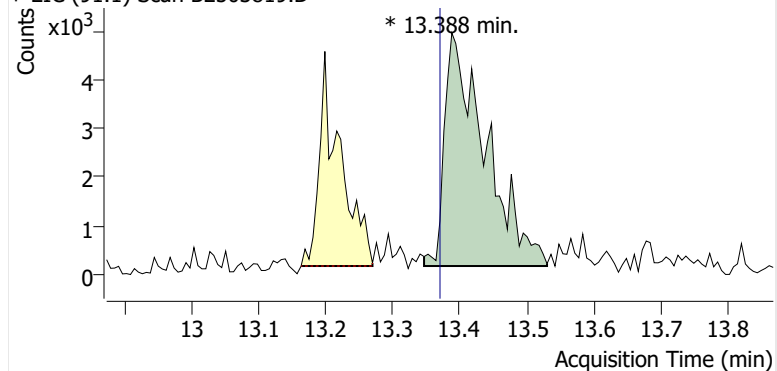
+ EIC (91.1) Scan B2503819.D



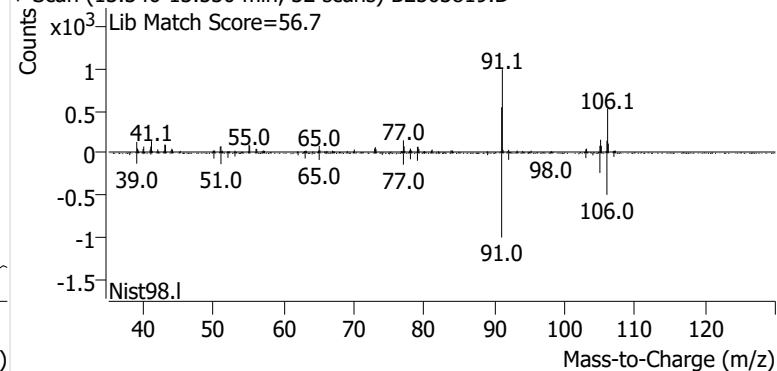
+ Scan (13.162-13.322 min, 27 scans) B2503819.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503819.D

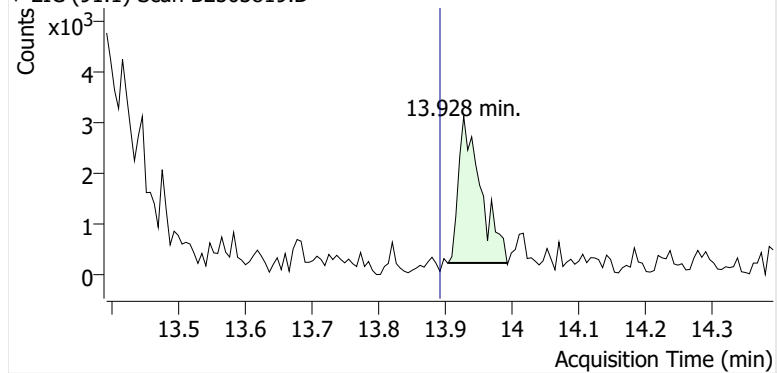


+ Scan (13.346-13.530 min, 32 scans) B2503819.D



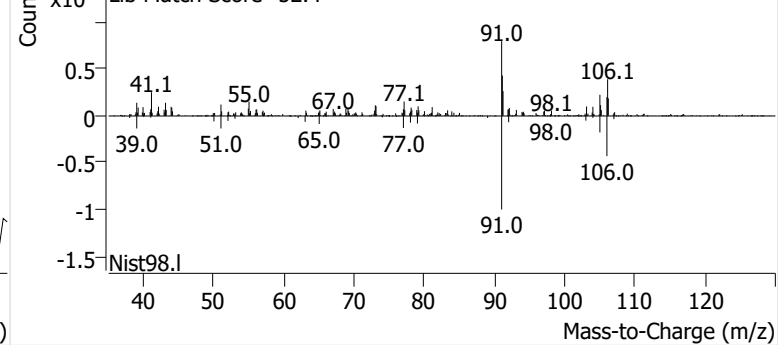
o-Xylene

+ EIC (91.1) Scan B2503819.D



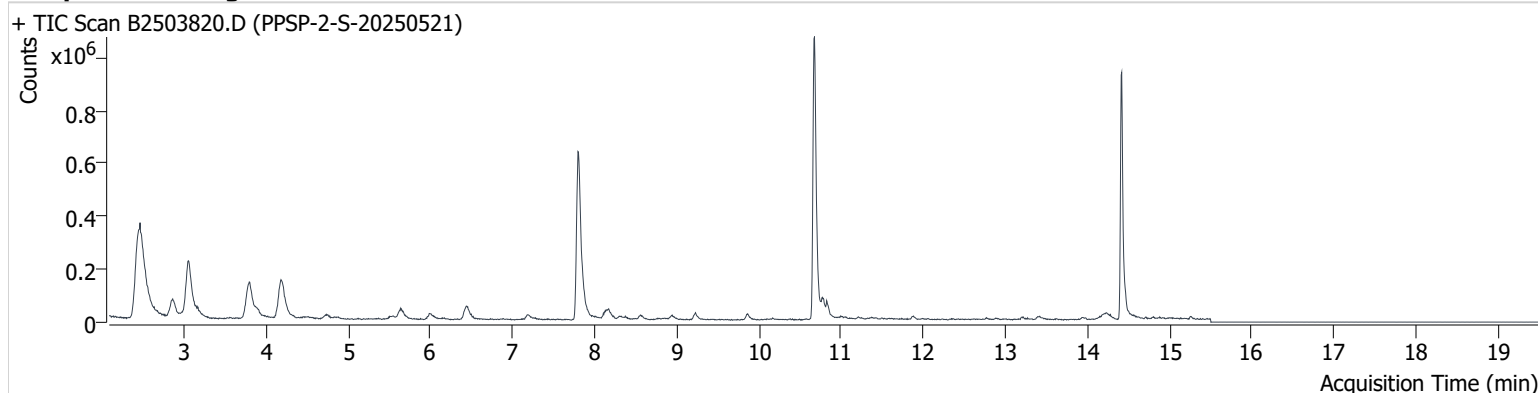
+ Scan (13.905-13.993 min, 14 scans) B2503819.D

Lib Match Score=52.4



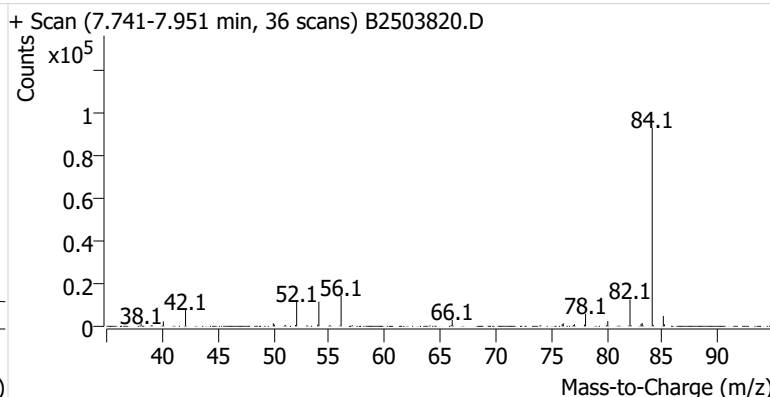
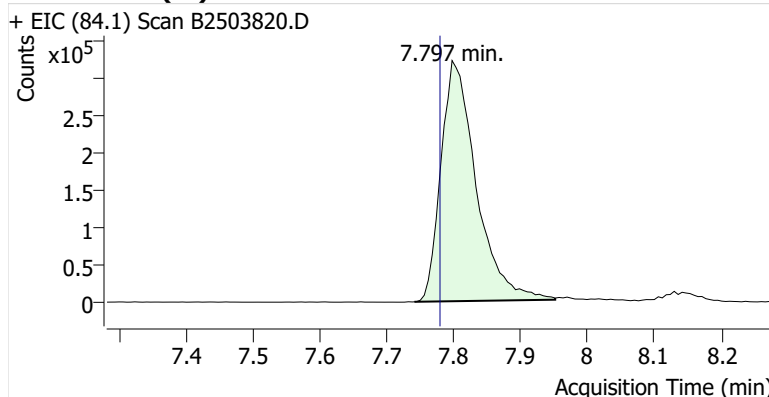
Name PPSP-2-S-20250521
Comment B14199
Data File B2503820.D
Acq. Date-Time 6/5/2025 9:27:53 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

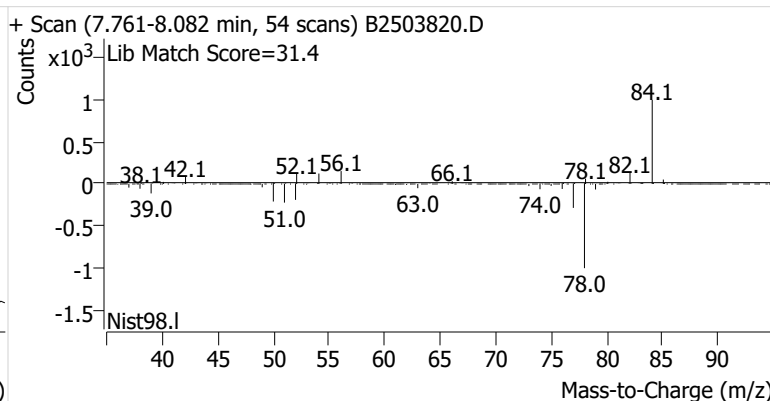
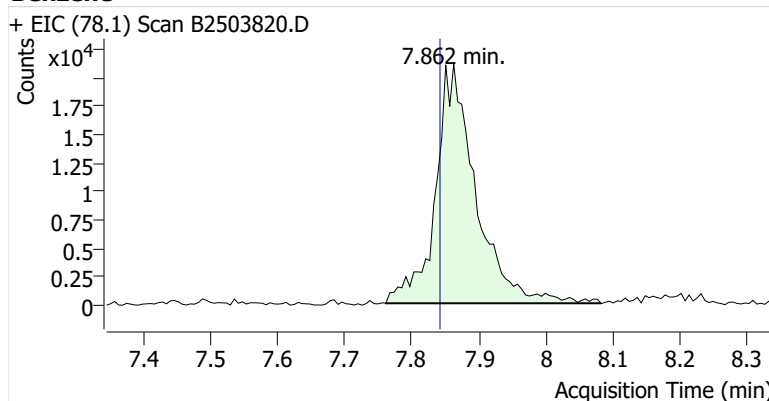


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,178,792	
Benzene	Benzene-d6 (IS)	7.862	7.842	87,877	
Toluene-d8 (IS)		10.676	10.652	1,128,878	
Toluene	Toluene-d8 (IS)	10.788	10.758	61,390	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	11,534	
m-/p-Xylenes	Toluene-d8 (IS)	13.418	13.370	15,387	
o-Xylene	Toluene-d8 (IS)	13.934	13.892	6,258	

Benzene-d6 (IS)

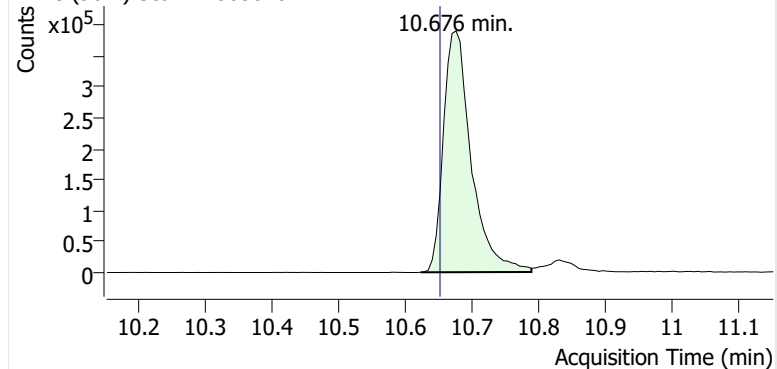


Benzene

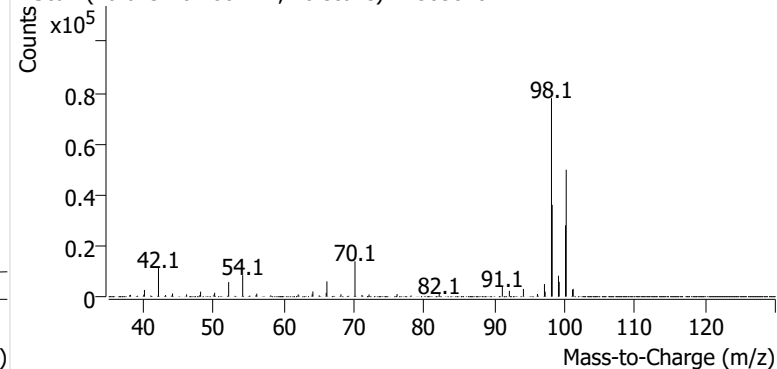


Toluene-d8 (IS)

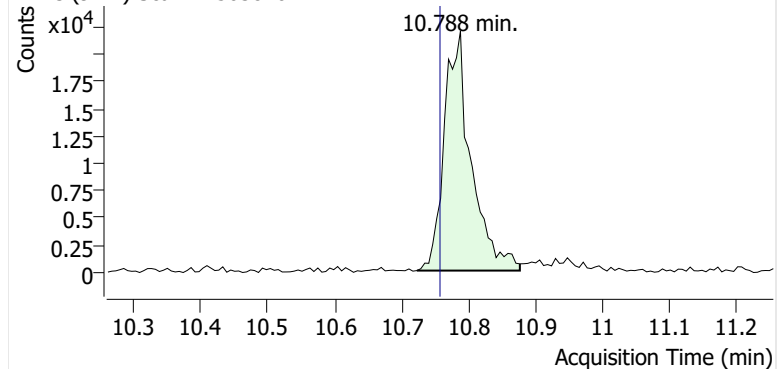
+ EIC (98.1) Scan B2503820.D



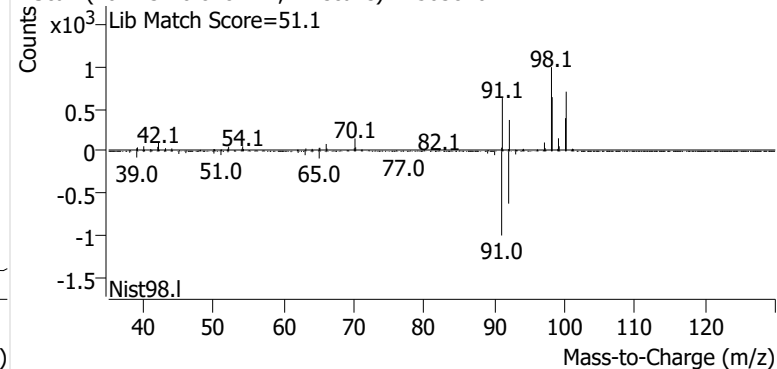
+ Scan (10.623-10.788 min, 28 scans) B2503820.D

**Toluene**

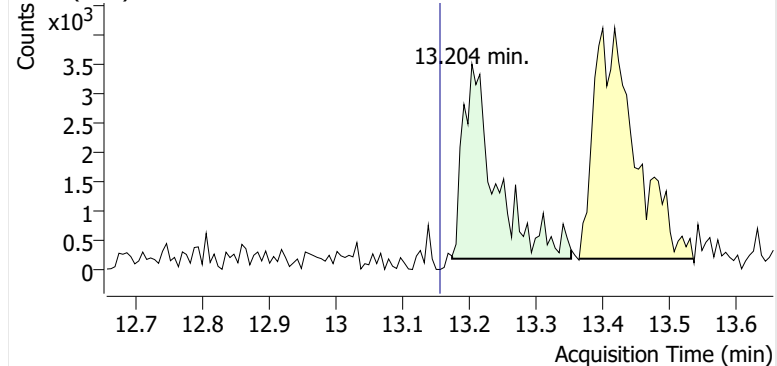
+ EIC (91.1) Scan B2503820.D



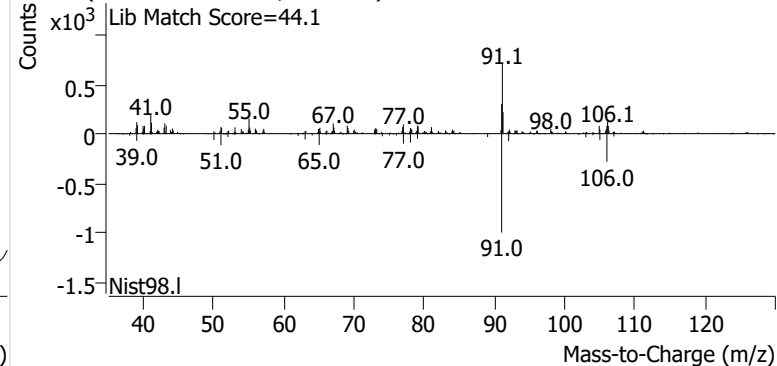
+ Scan (10.723-10.878 min, 27 scans) B2503820.D

**Ethylbenzene**

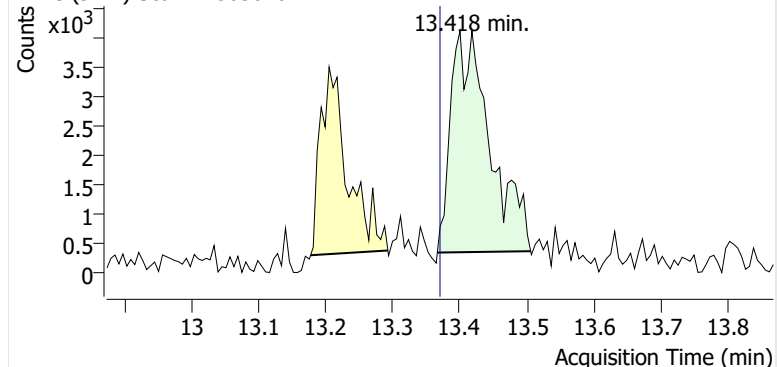
+ EIC (91.1) Scan B2503820.D



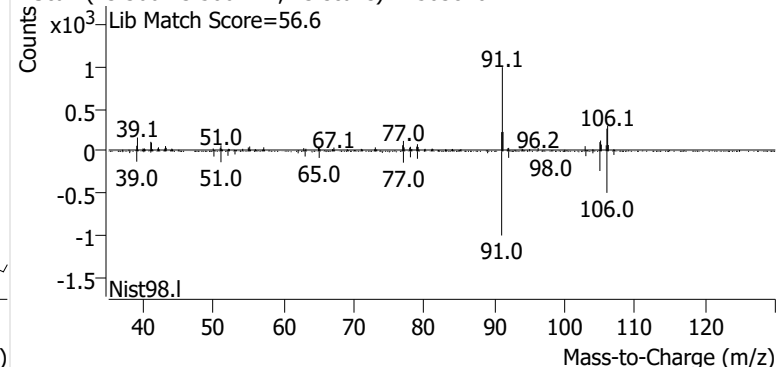
+ Scan (13.174-13.353 min, 31 scans) B2503820.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503820.D

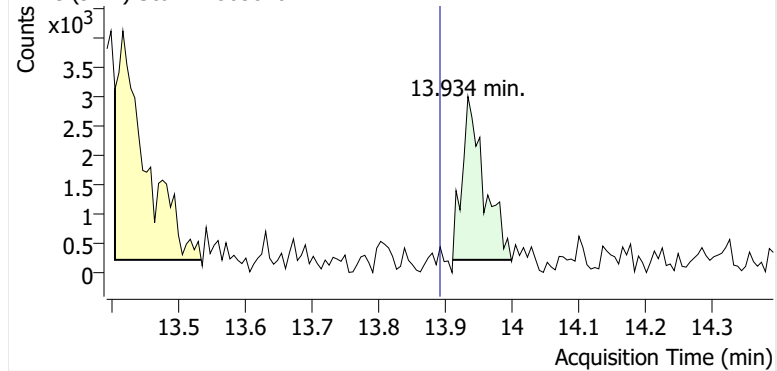


+ Scan (13.366-13.506 min, 23 scans) B2503820.D

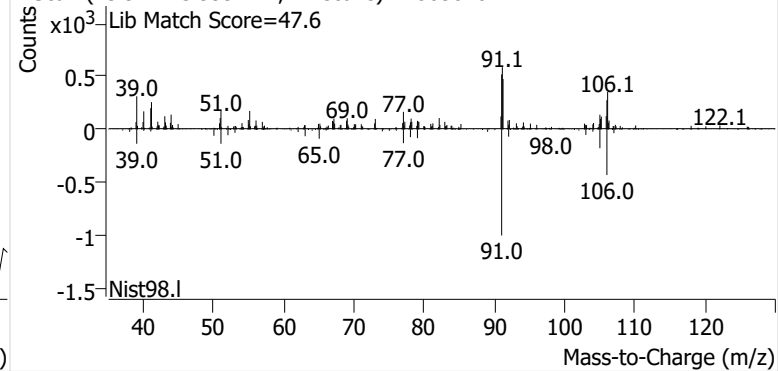


o-Xylene

+ EIC (91.1) Scan B2503820.D

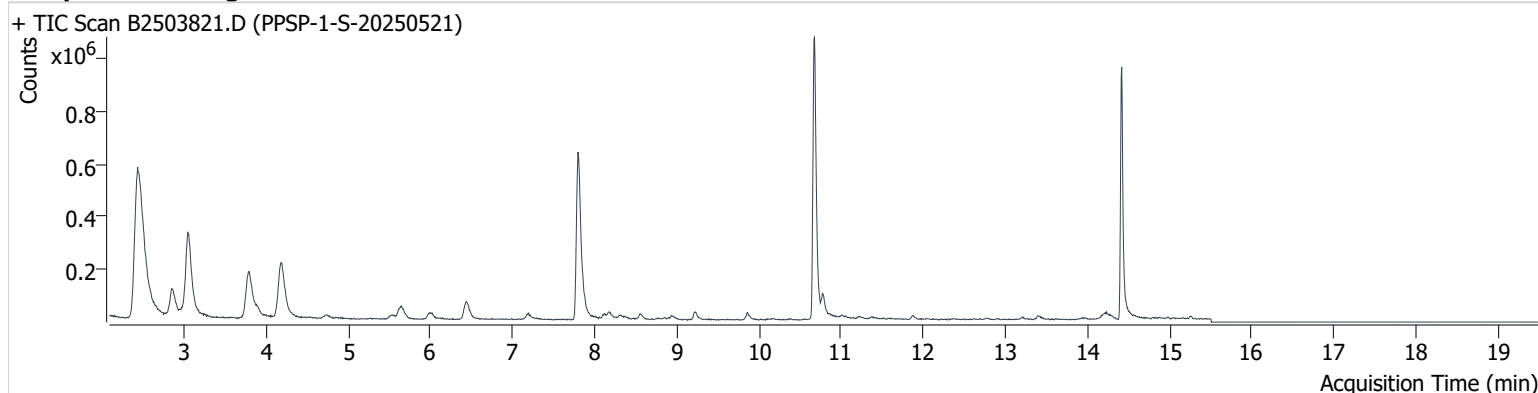


+ Scan (13.911-13.999 min, 14 scans) B2503820.D



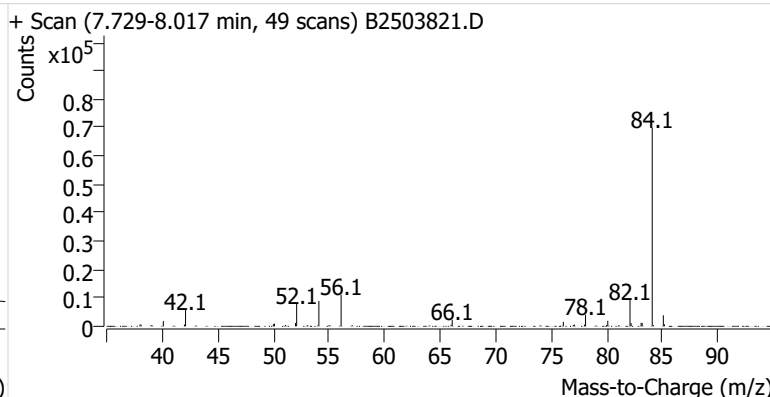
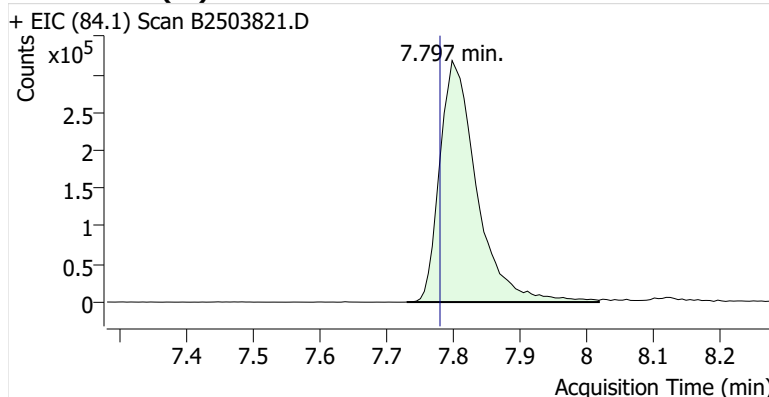
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Comment C37037
Data File B2503821.D
Acq. Date-Time 6/5/2025 10:05:11 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

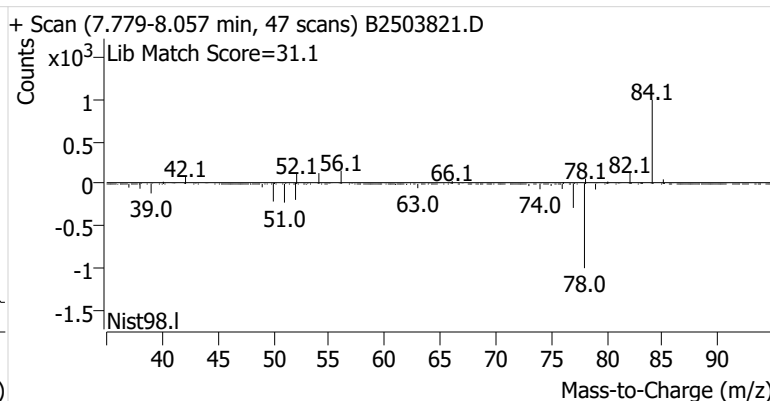
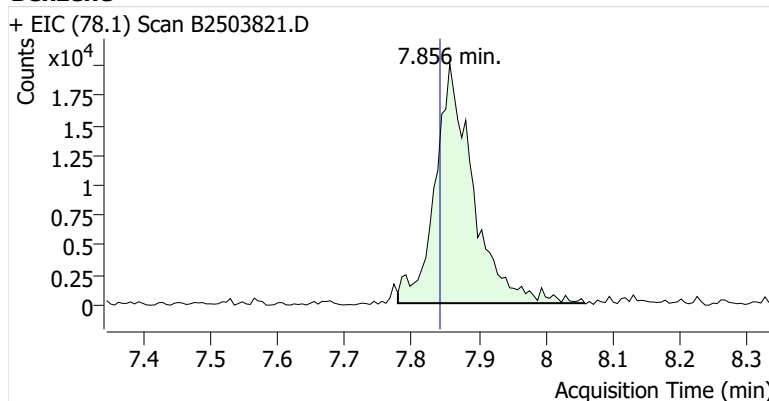


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,226,729	
Benzene	Benzene-d6 (IS)	7.856	7.842	79,176	
Toluene-d8 (IS)		10.670	10.652	1,148,047	
Toluene	Toluene-d8 (IS)	10.783	10.758	78,270	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	9,564	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	16,511	
o-Xylene	Toluene-d8 (IS)	13.928	13.892	6,153	

Benzene-d6 (IS)

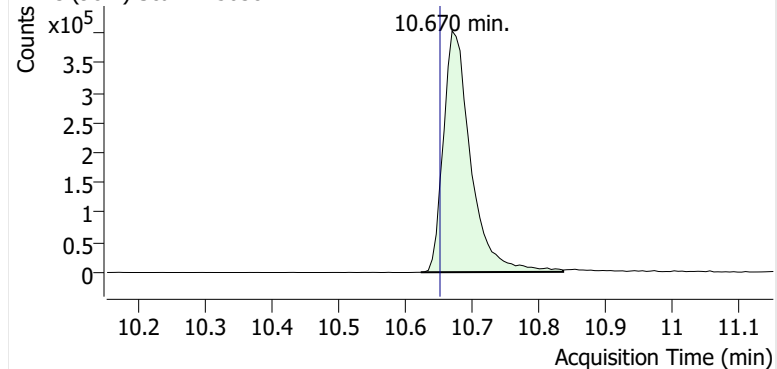


Benzene

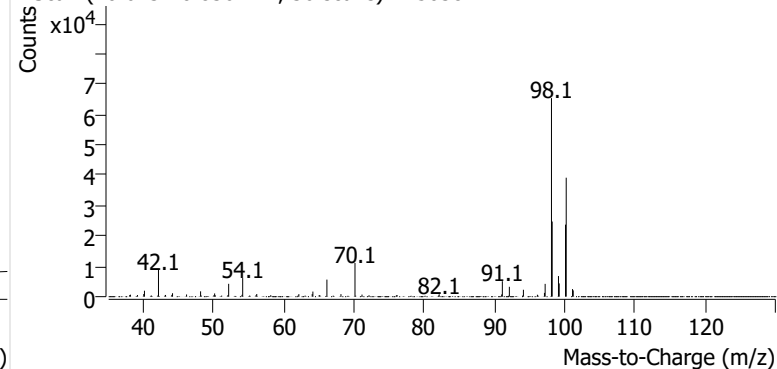


Toluene-d8 (IS)

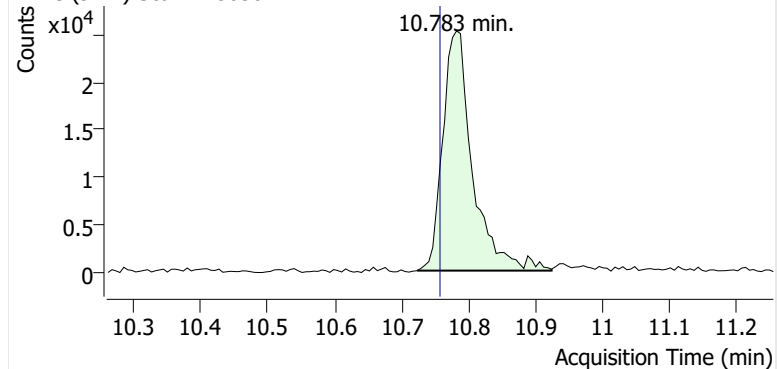
+ EIC (98.1) Scan B2503821.D



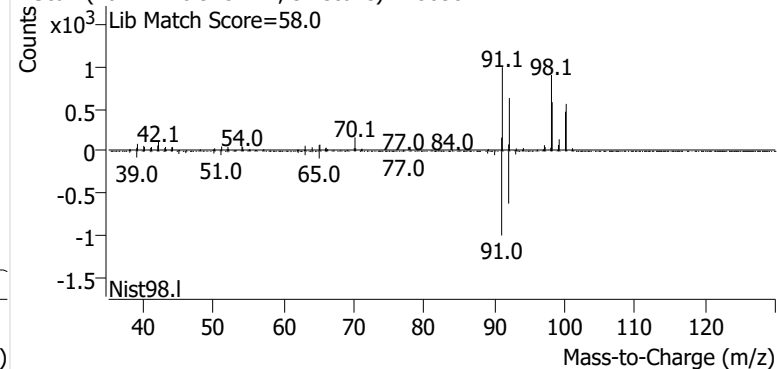
+ Scan (10.623-10.836 min, 36 scans) B2503821.D

**Toluene**

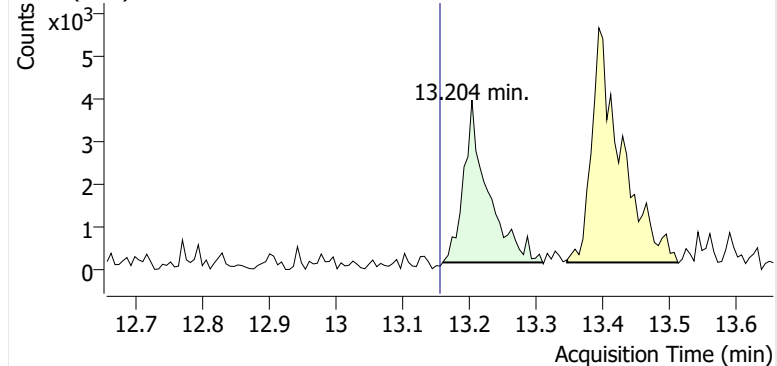
+ EIC (91.1) Scan B2503821.D



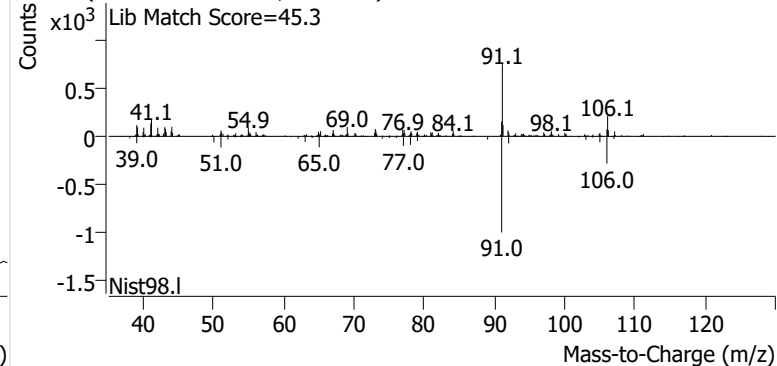
+ Scan (10.724-10.925 min, 34 scans) B2503821.D

**Ethylbenzene**

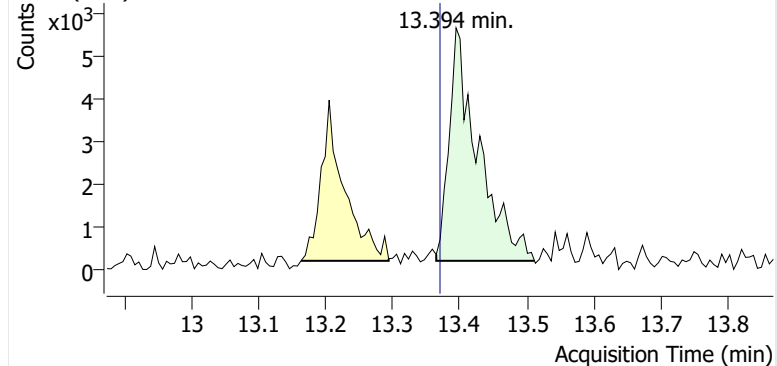
+ EIC (91.1) Scan B2503821.D



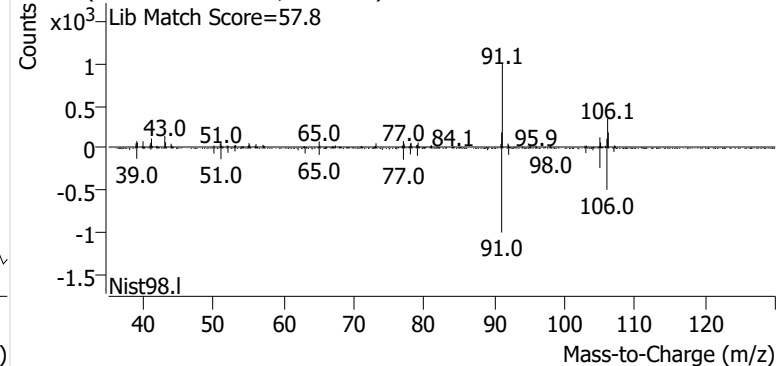
+ Scan (13.160-13.310 min, 25 scans) B2503821.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503821.D

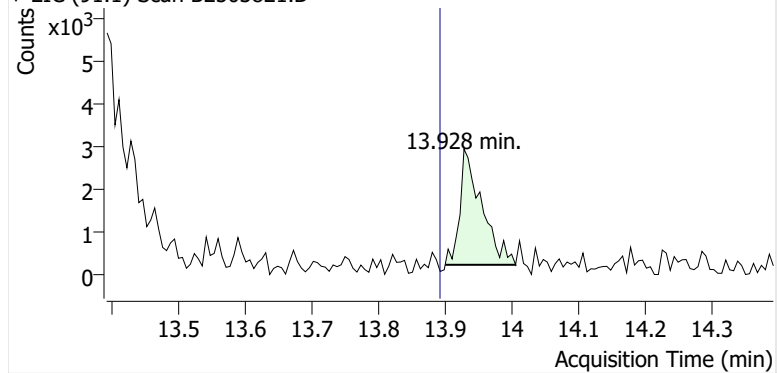


+ Scan (13.364-13.511 min, 25 scans) B2503821.D

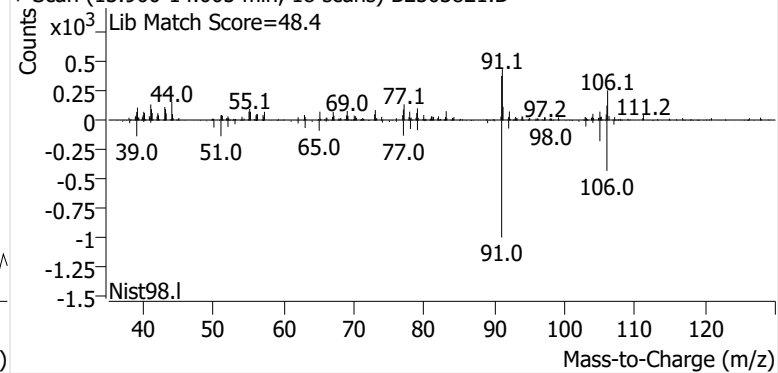


o-Xylene

+ EIC (91.1) Scan B2503821.D

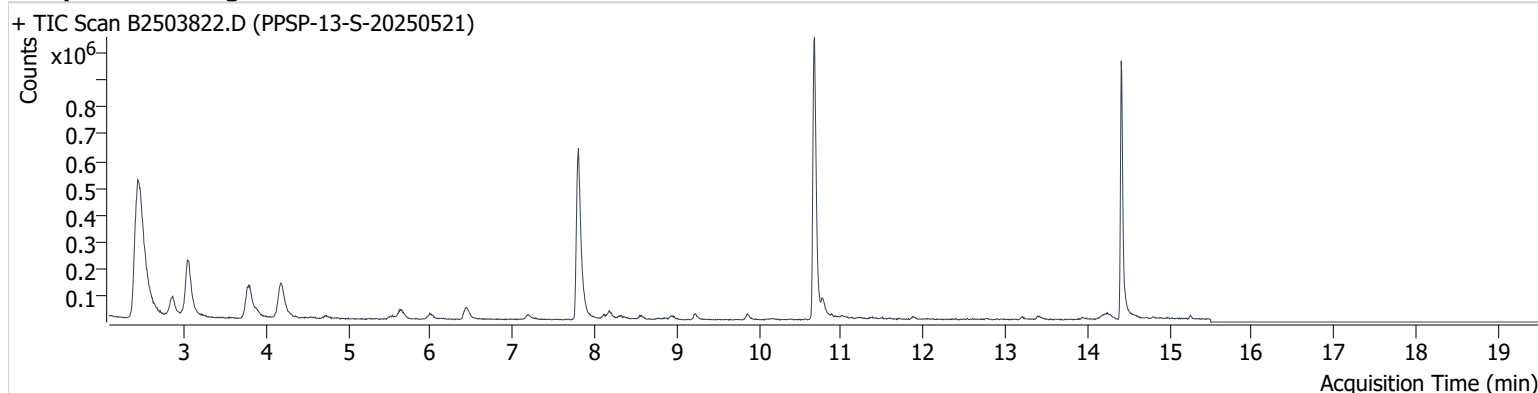


+ Scan (13.900-14.005 min, 18 scans) B2503821.D



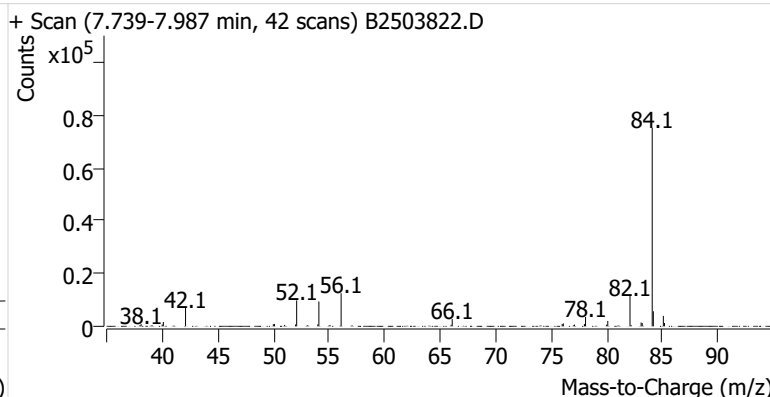
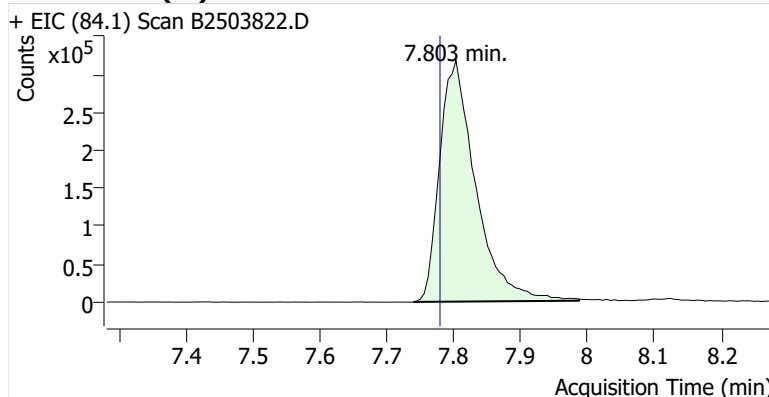
Name PPSP-13-S-20250521
Comment B20616
Data File B2503822.D
Acq. Date-Time 6/5/2025 10:42:32 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

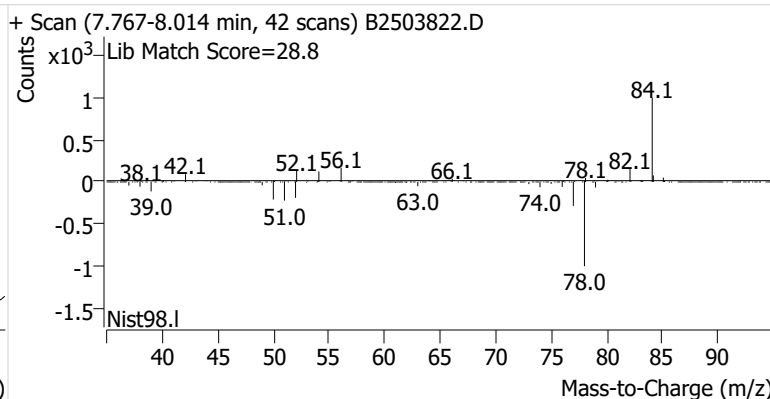
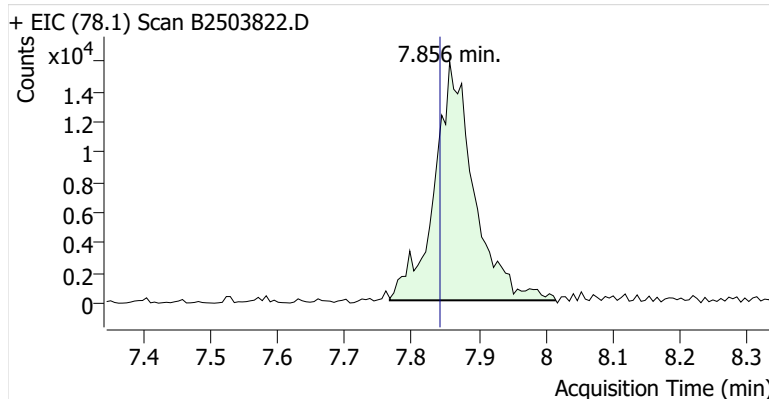


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,192,966	
Benzene	Benzene-d6 (IS)	7.856	7.842	64,949	
Toluene-d8 (IS)		10.676	10.652	1,132,164	
Toluene	Toluene-d8 (IS)	10.777	10.758	56,834	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	12,472	
m-/p-Xylenes	Toluene-d8 (IS)	13.412	13.370	17,030	
o-Xylene	Toluene-d8 (IS)	13.940	13.892	6,866	m

Benzene-d6 (IS)

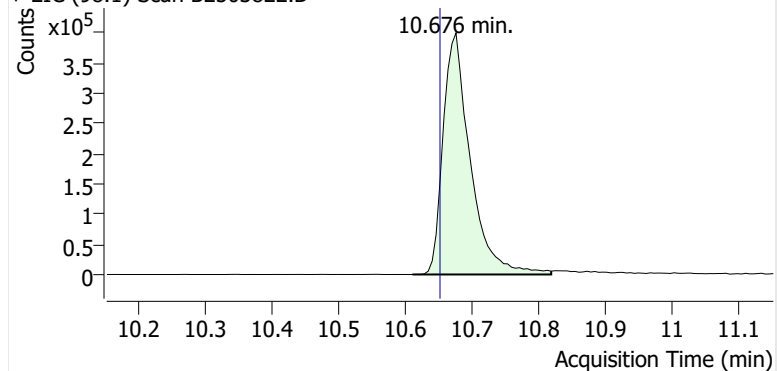


Benzene

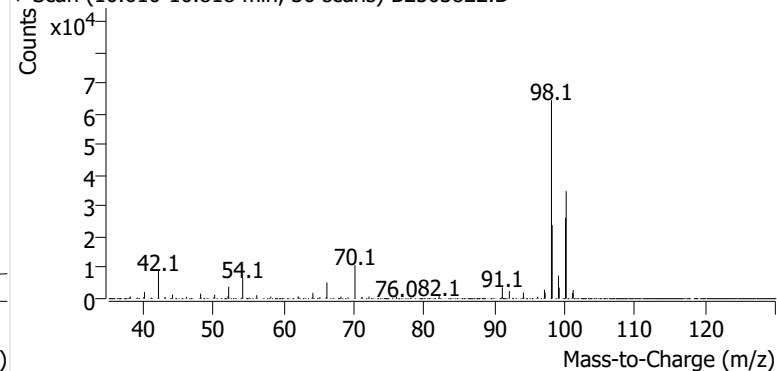


Toluene-d8 (IS)

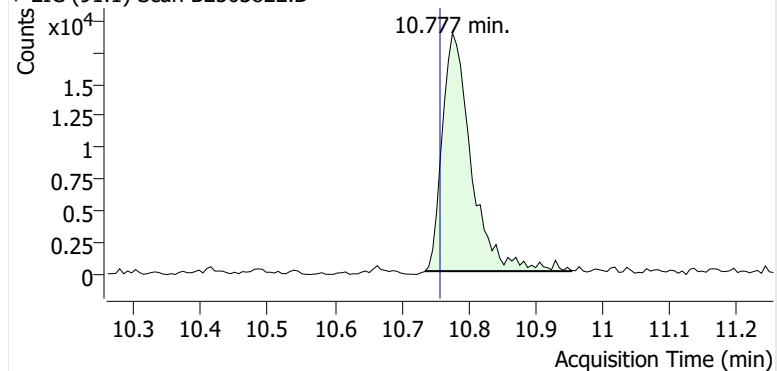
+ EIC (98.1) Scan B2503822.D



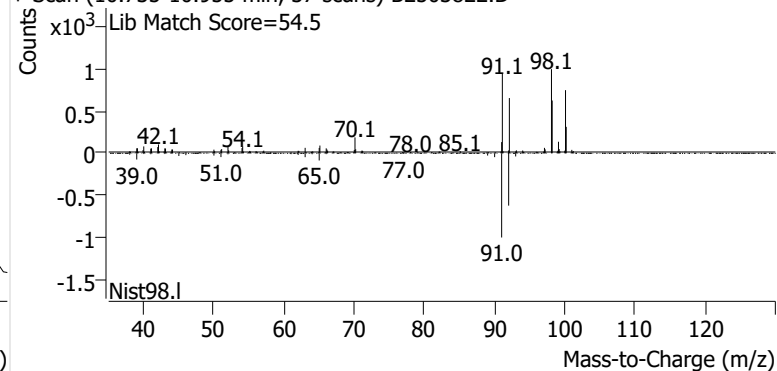
+ Scan (10.610-10.818 min, 36 scans) B2503822.D

**Toluene**

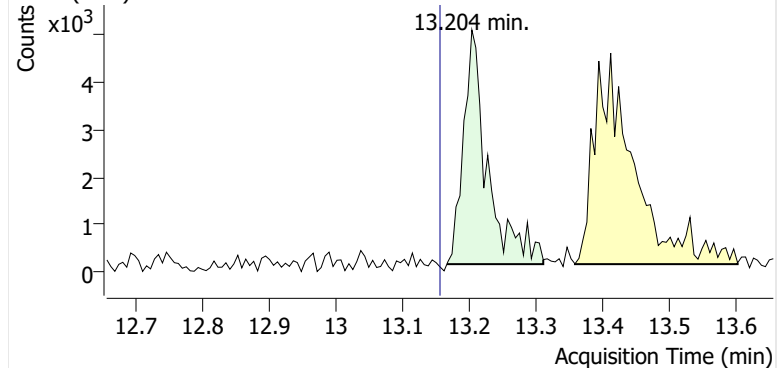
+ EIC (91.1) Scan B2503822.D



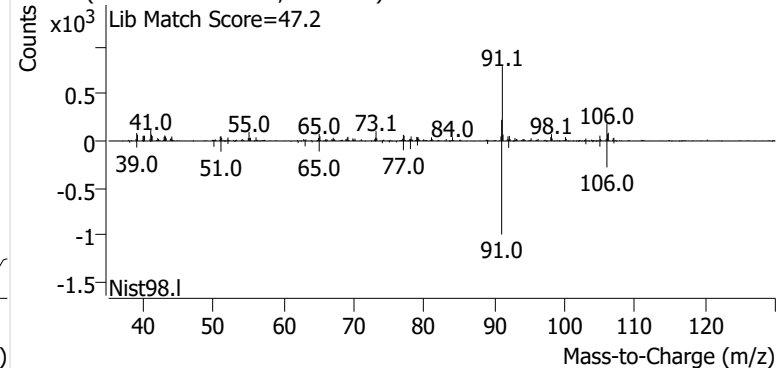
+ Scan (10.735-10.955 min, 37 scans) B2503822.D

**Ethylbenzene**

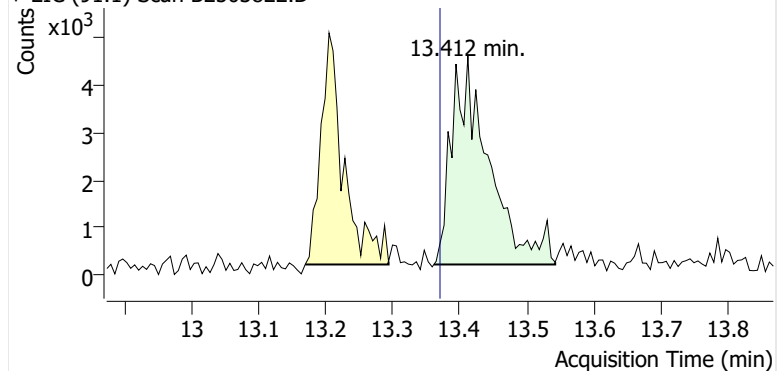
+ EIC (91.1) Scan B2503822.D



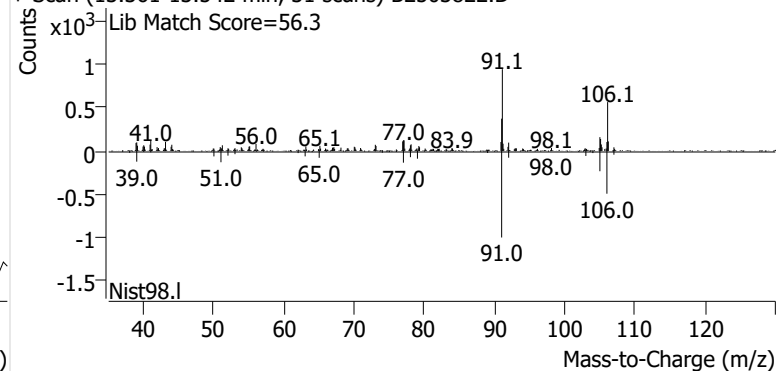
+ Scan (13.167-13.311 min, 25 scans) B2503822.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503822.D

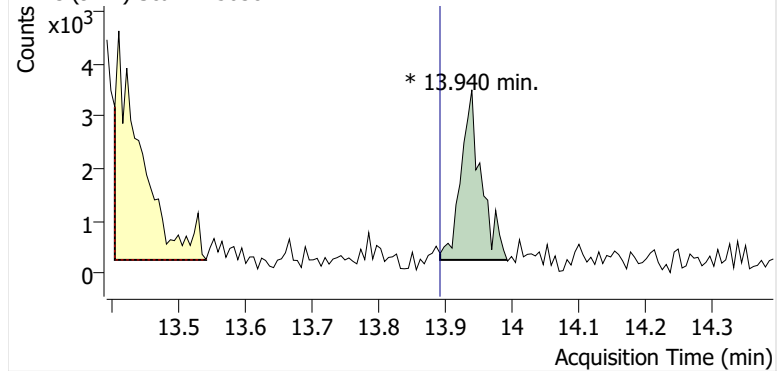


+ Scan (13.361-13.542 min, 31 scans) B2503822.D

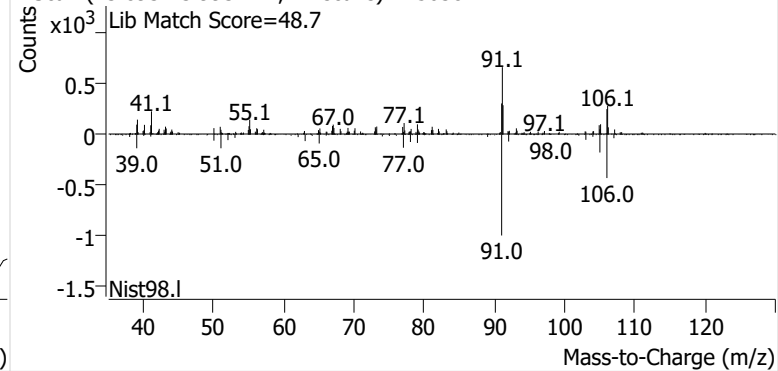


o-Xylene

+ EIC (91.1) Scan B2503822.D

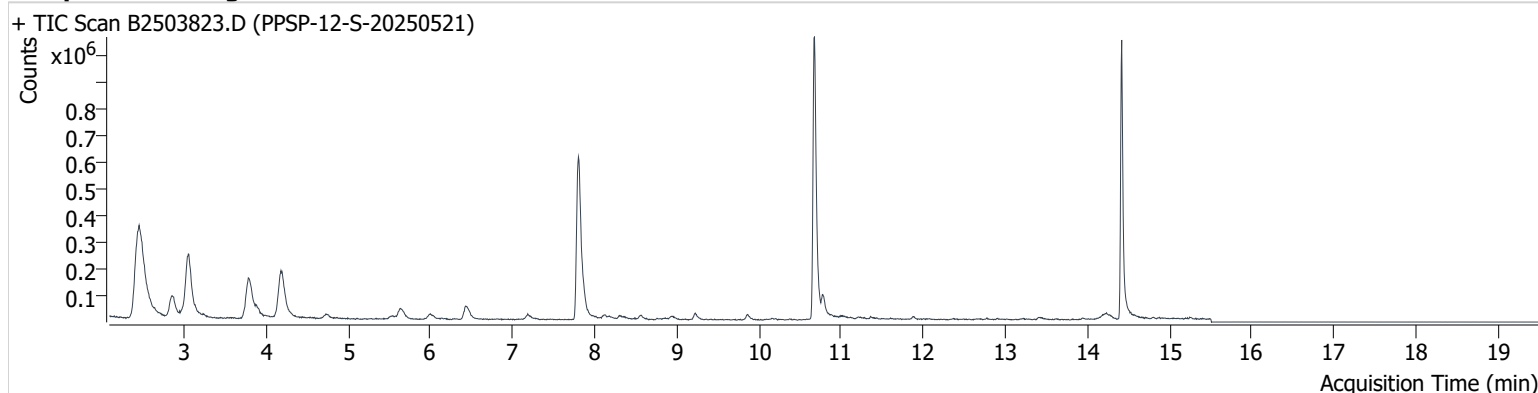


+ Scan (13.893-13.993 min, 17 scans) B2503822.D



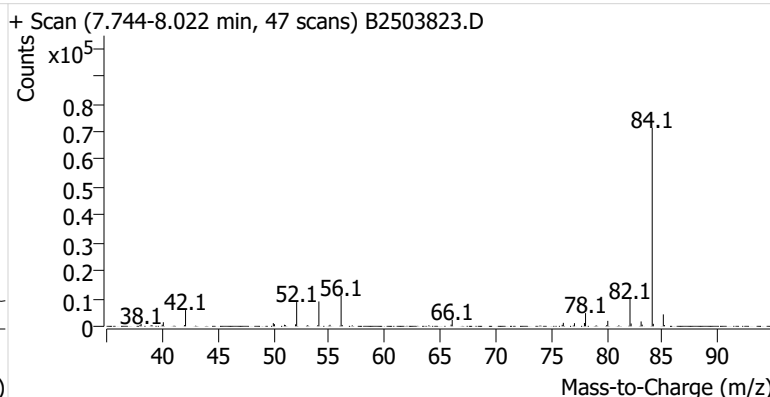
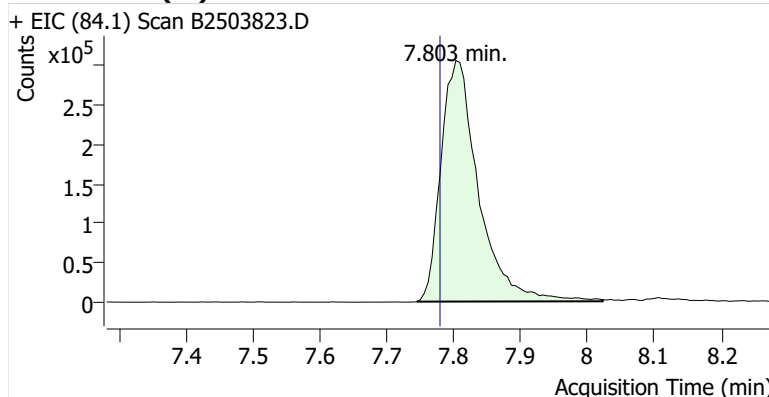
Name PPSP-12-S-20250521
Comment B44233
Data File B2503823.D
Acq. Date-Time 6/5/2025 11:19:53 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

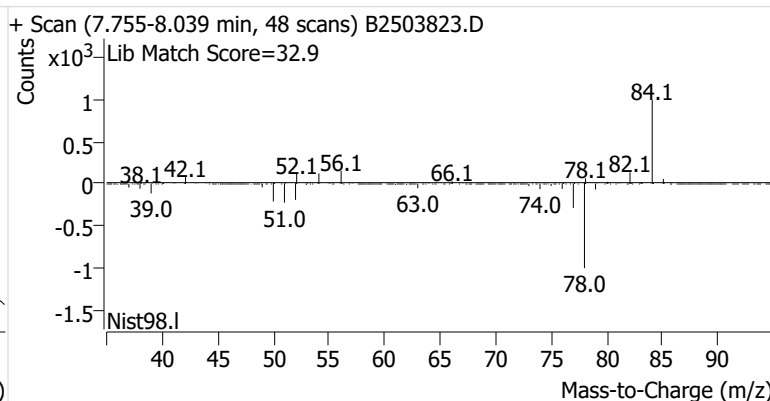
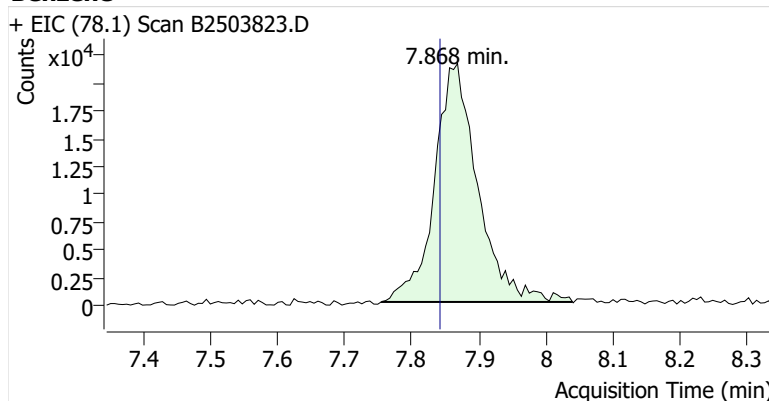


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,195,859	
Benzene	Benzene-d6 (IS)	7.868	7.842	96,510	
Toluene-d8 (IS)		10.670	10.652	1,095,114	
Toluene	Toluene-d8 (IS)	10.776	10.758	78,444	
Ethylbenzene	Toluene-d8 (IS)	13.216	13.156	4,405	
m-/p-Xylenes	Toluene-d8 (IS)	13.400	13.370	10,839	
o-Xylene	Toluene-d8 (IS)	13.940	13.892	3,672	

Benzene-d6 (IS)

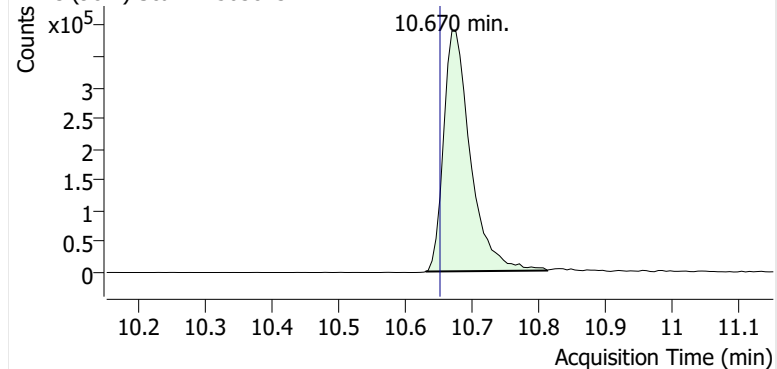


Benzene

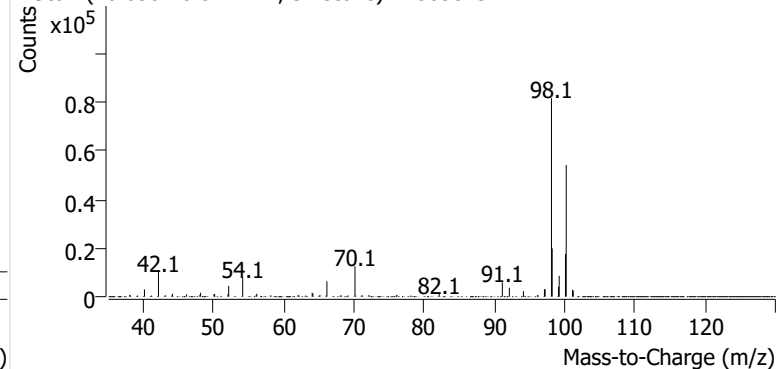


Toluene-d8 (IS)

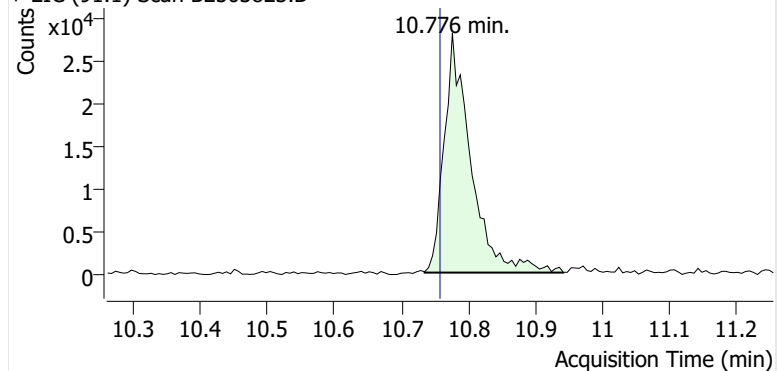
+ EIC (98.1) Scan B2503823.D



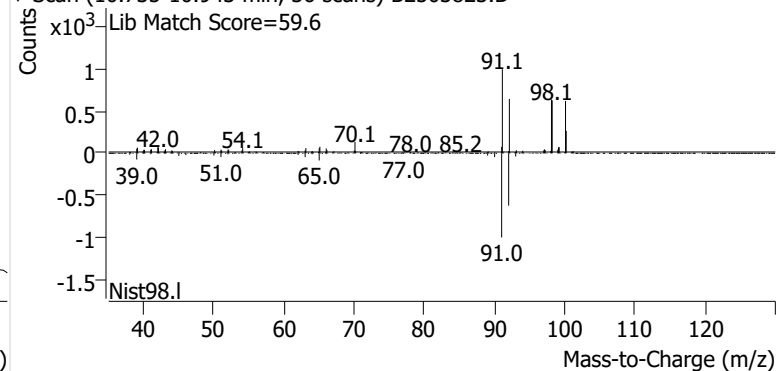
+ Scan (10.630-10.812 min, 31 scans) B2503823.D

**Toluene**

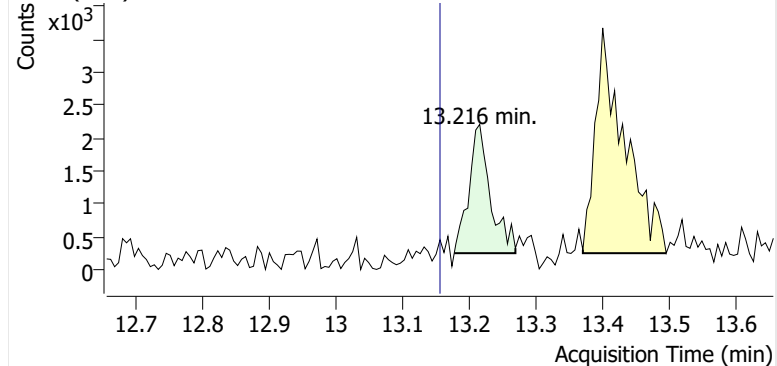
+ EIC (91.1) Scan B2503823.D



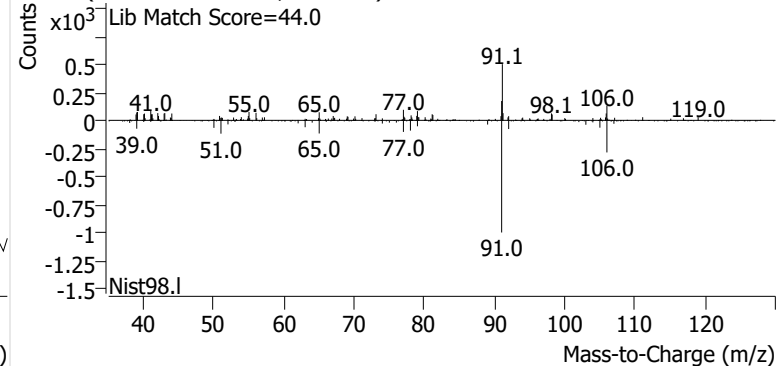
+ Scan (10.735-10.943 min, 36 scans) B2503823.D

**Ethylbenzene**

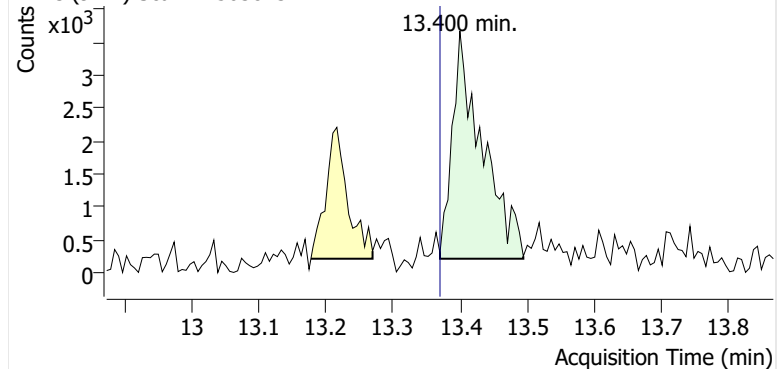
+ EIC (91.1) Scan B2503823.D



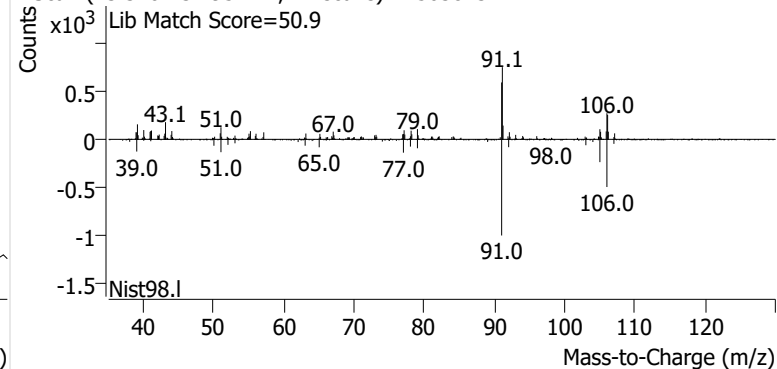
+ Scan (13.178-13.269 min, 16 scans) B2503823.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503823.D

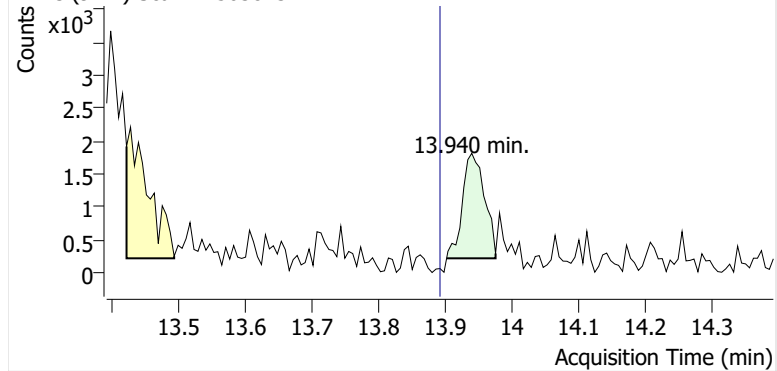


+ Scan (13.370-13.495 min, 22 scans) B2503823.D

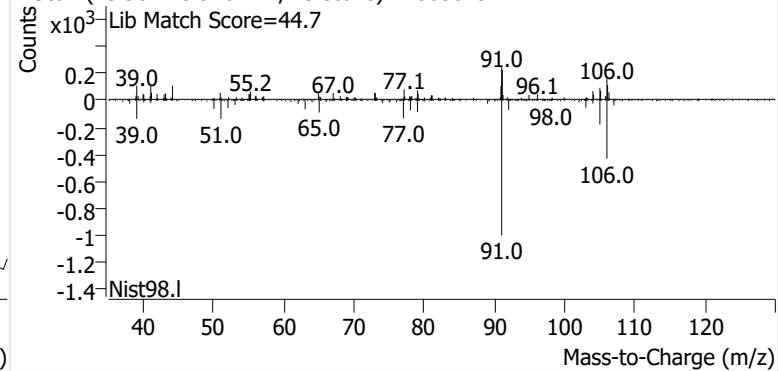


o-Xylene

+ EIC (91.1) Scan B2503823.D

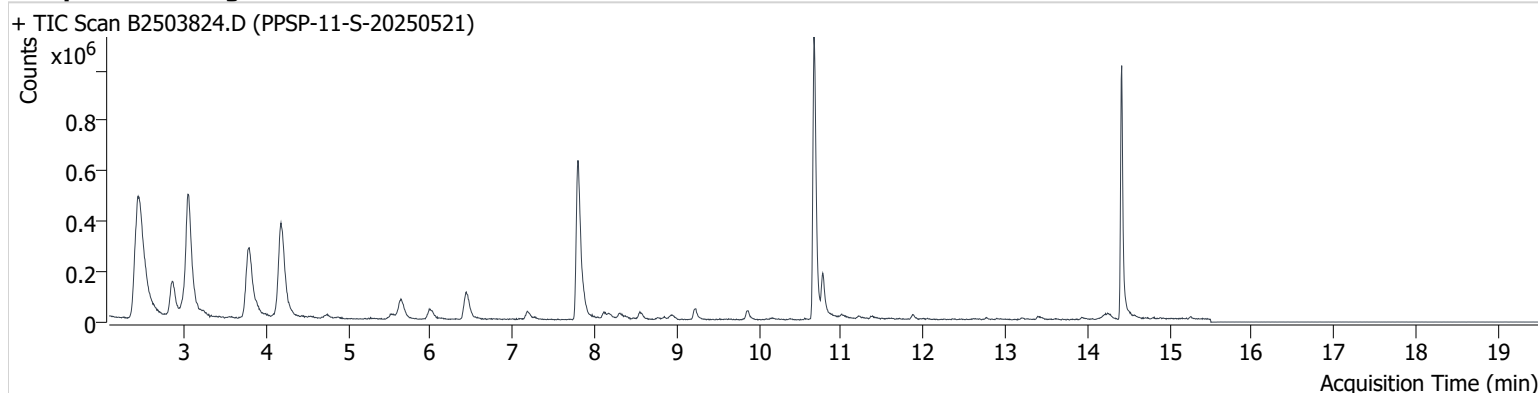


+ Scan (13.902-13.976 min, 13 scans) B2503823.D



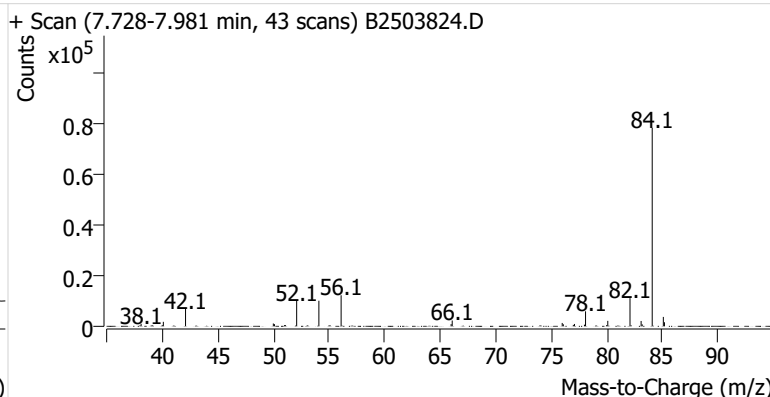
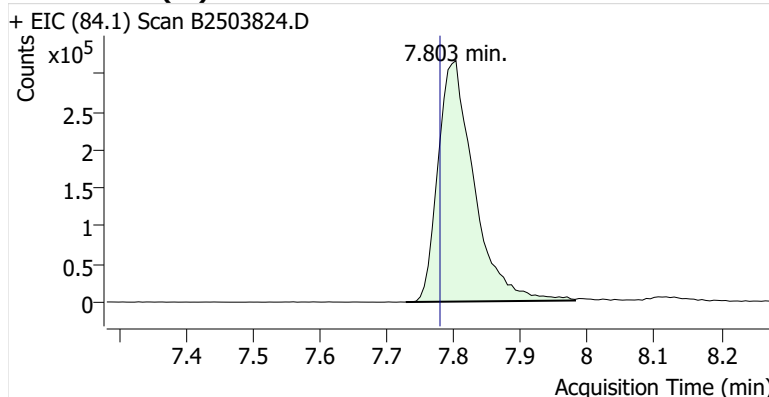
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Comment C53629
Data File B2503824.D
Acq. Date-Time 6/5/2025 11:57:13 PM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

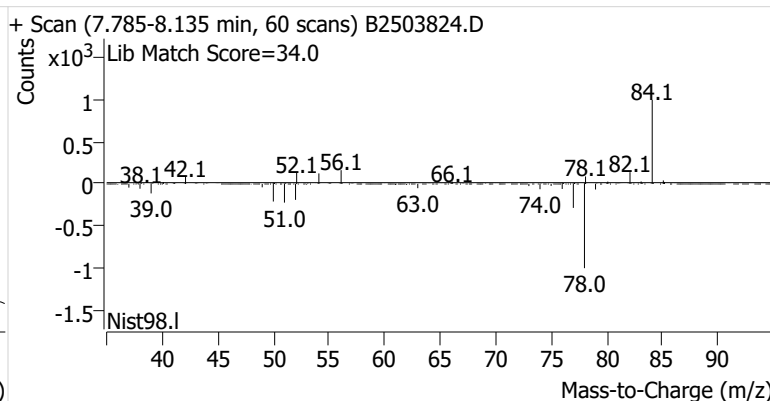
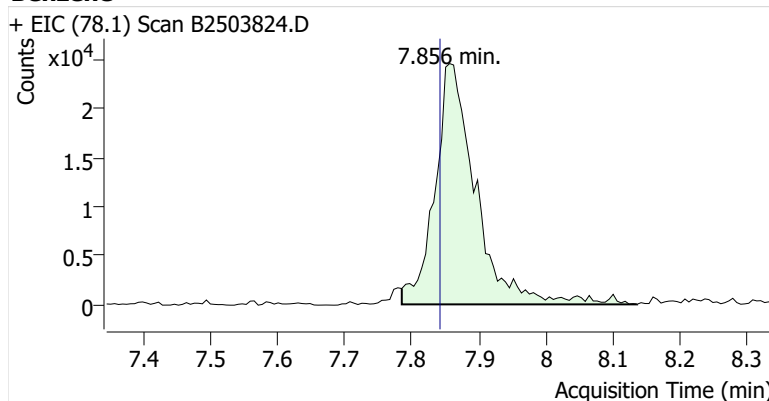


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,186,960	
Benzene	Benzene-d6 (IS)	7.856	7.842	104,046	
Toluene-d8 (IS)		10.670	10.652	1,196,728	
Toluene	Toluene-d8 (IS)	10.776	10.758	179,327	
Ethylbenzene	Toluene-d8 (IS)	13.198	13.156	7,219	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	17,456	m
o-Xylene	Toluene-d8 (IS)	13.940	13.892	5,908	m

Benzene-d6 (IS)

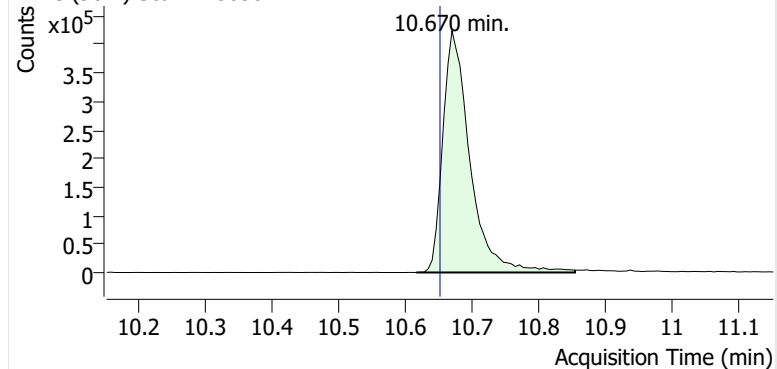


Benzene

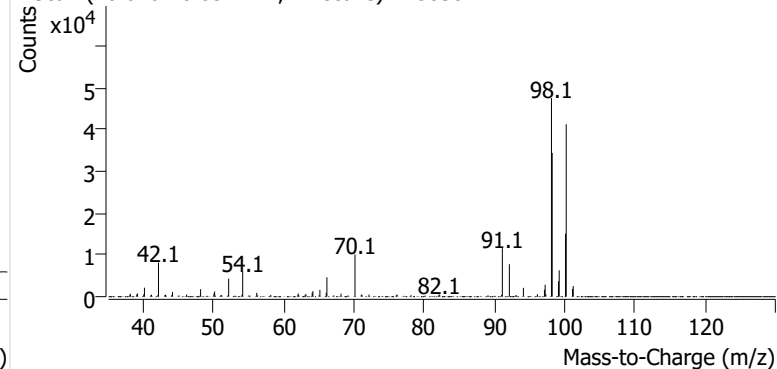


Toluene-d8 (IS)

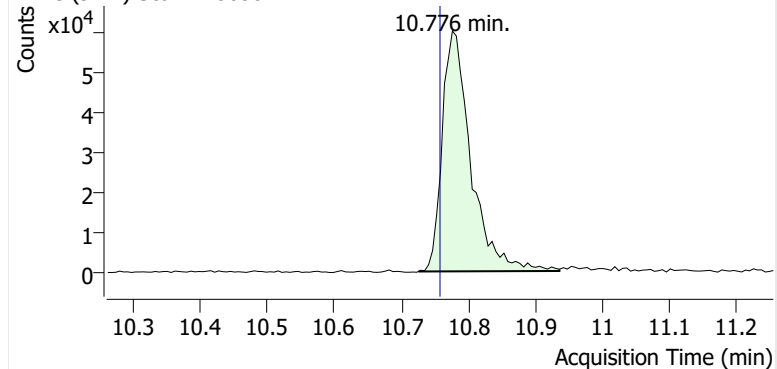
+ EIC (98.1) Scan B2503824.D



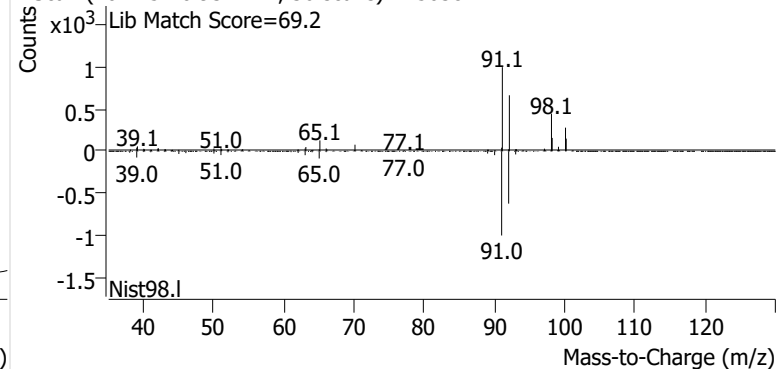
+ Scan (10.616-10.854 min, 41 scans) B2503824.D

**Toluene**

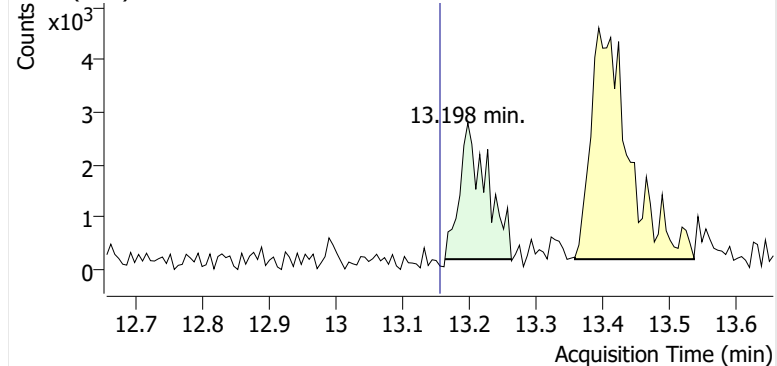
+ EIC (91.1) Scan B2503824.D



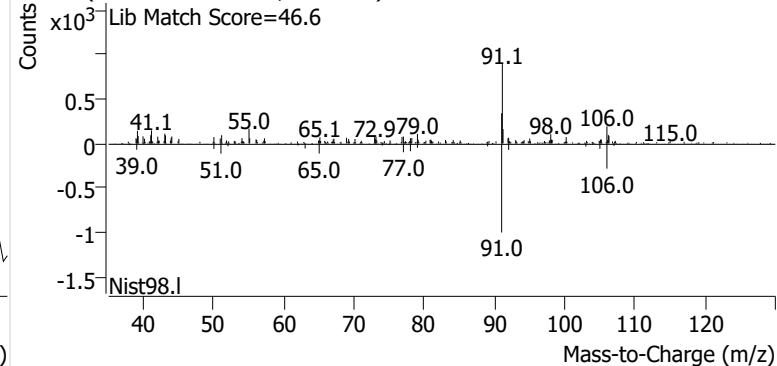
+ Scan (10.725-10.937 min, 36 scans) B2503824.D

**Ethylbenzene**

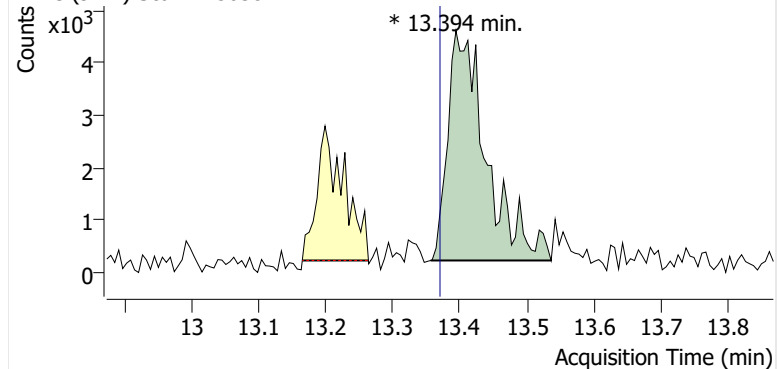
+ EIC (91.1) Scan B2503824.D



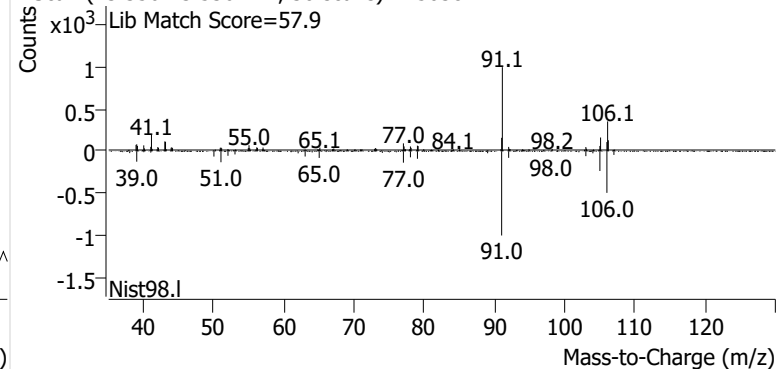
+ Scan (13.164-13.263 min, 16 scans) B2503824.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503824.D

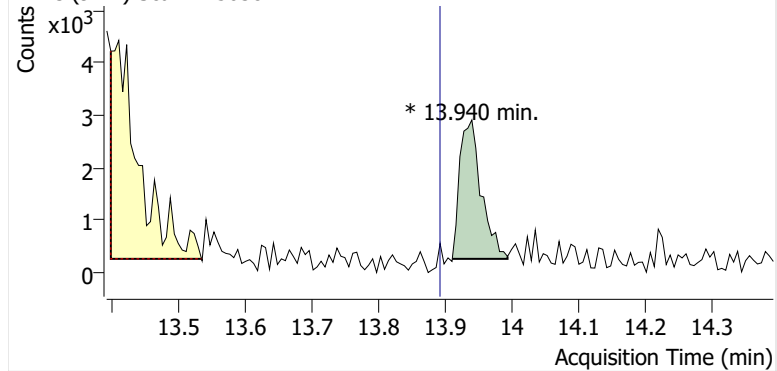


+ Scan (13.356-13.536 min, 30 scans) B2503824.D

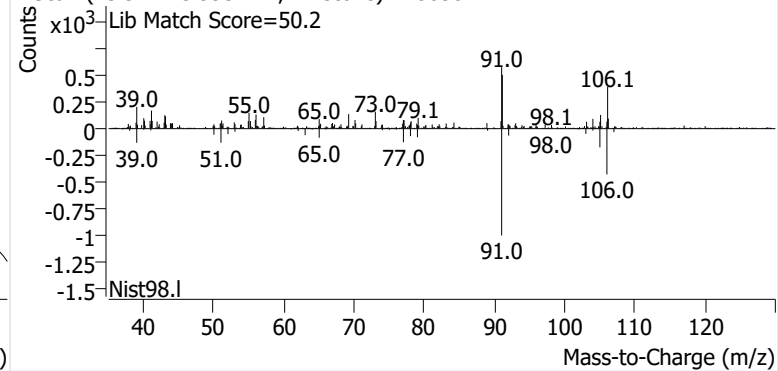


o-Xylene

+ EIC (91.1) Scan B2503824.D

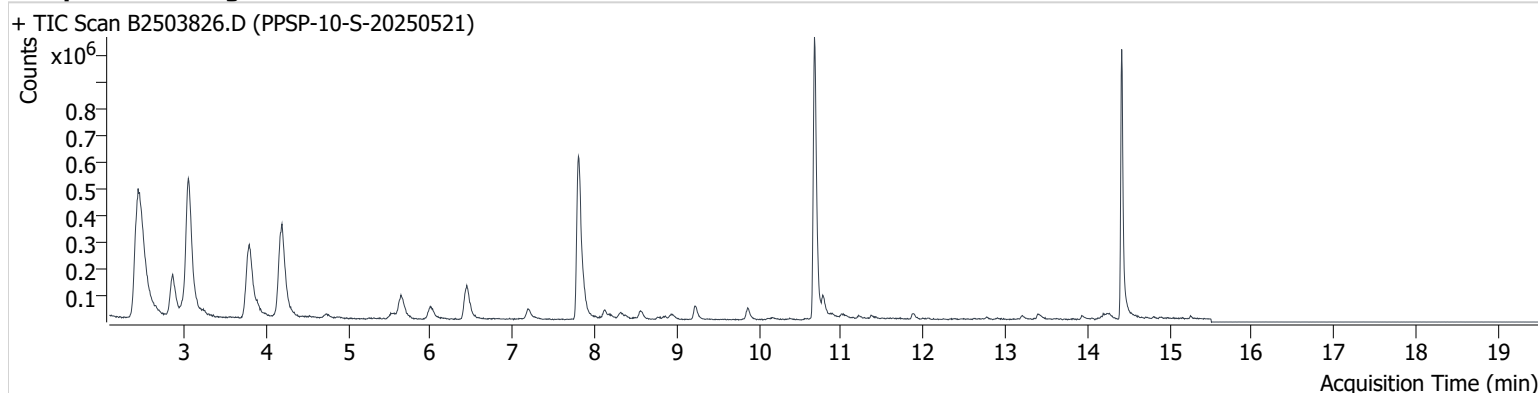


+ Scan (13.911-13.993 min, 14 scans) B2503824.D



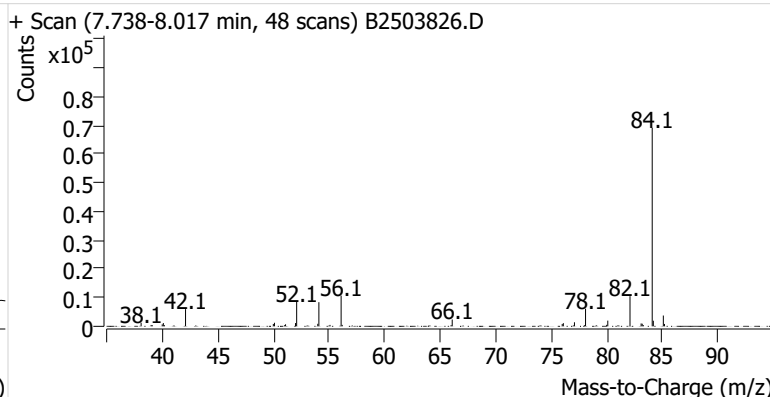
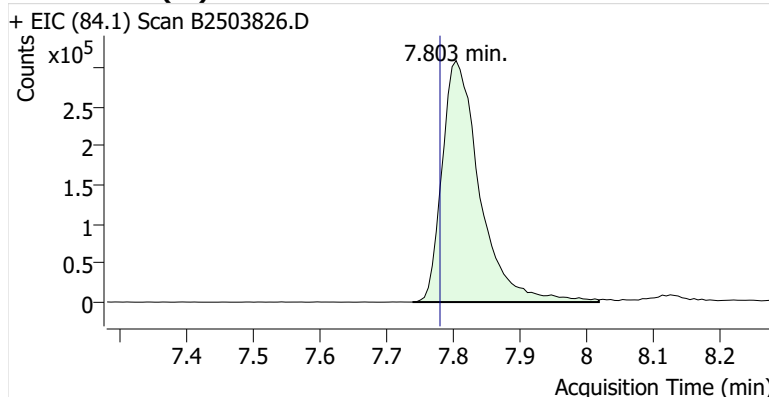
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Comment C39248
Data File B2503826.D
Acq. Date-Time 6/6/2025 1:11:54 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

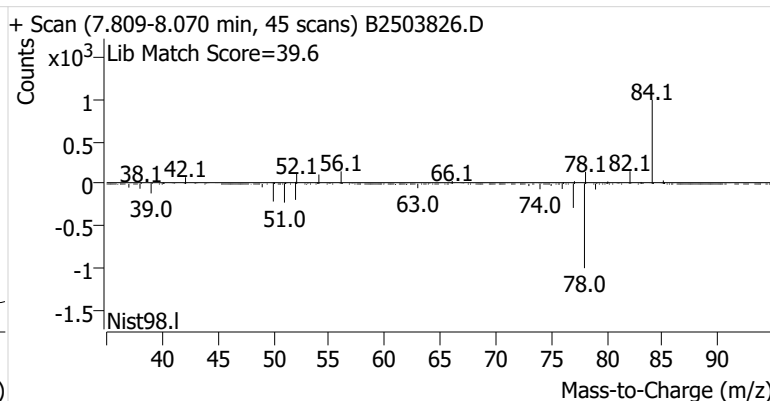
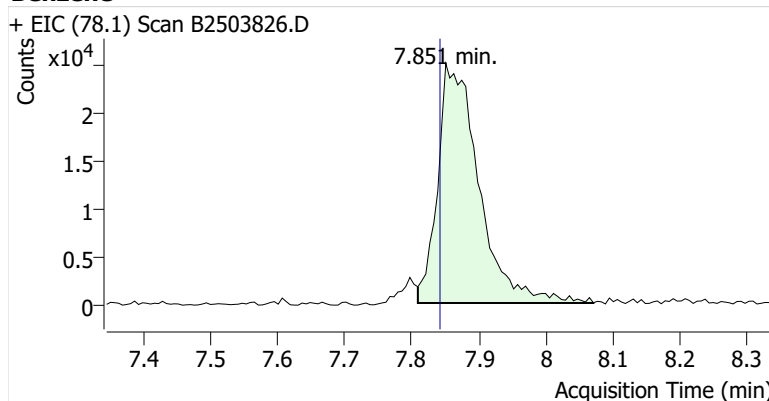


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,213,926	
Benzene	Benzene-d6 (IS)	7.851	7.842	106,498	
Toluene-d8 (IS)		10.676	10.652	1,119,814	
Toluene	Toluene-d8 (IS)	10.783	10.758	70,318	
Ethylbenzene	Toluene-d8 (IS)	13.198	13.156	15,206	
m-/p-Xylenes	Toluene-d8 (IS)	13.406	13.370	25,966	
o-Xylene	Toluene-d8 (IS)	13.928	13.892	13,292	m

Benzene-d6 (IS)

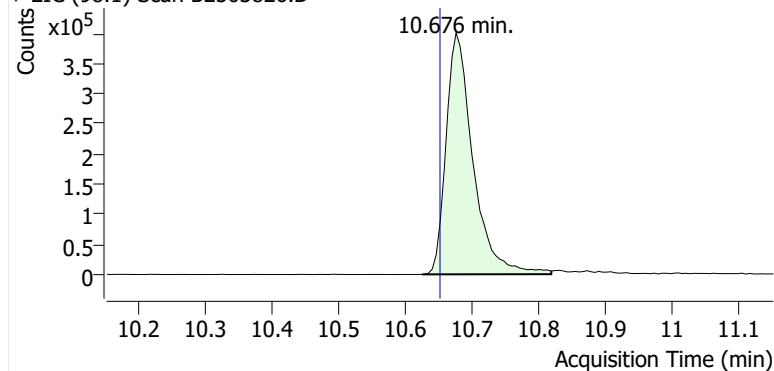


Benzene

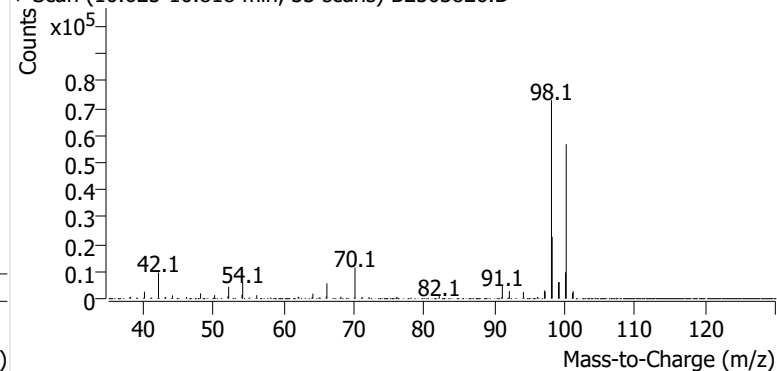


Toluene-d8 (IS)

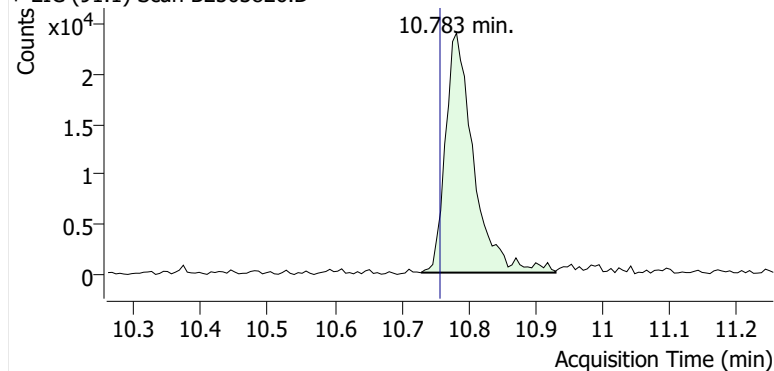
+ EIC (98.1) Scan B2503826.D



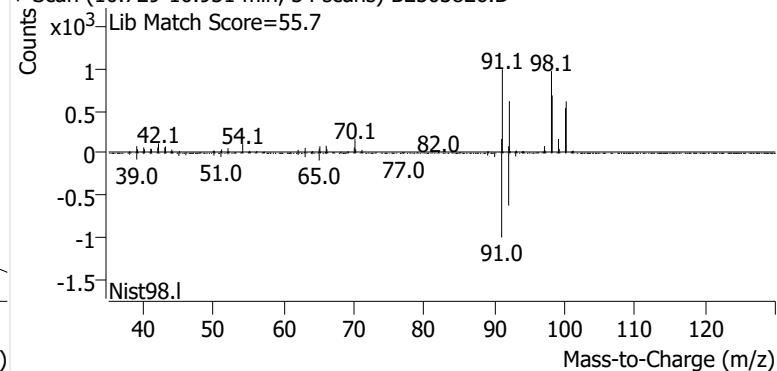
+ Scan (10.625-10.818 min, 33 scans) B2503826.D

**Toluene**

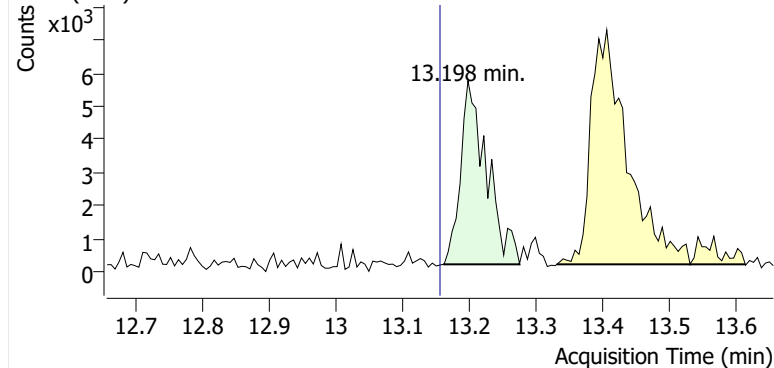
+ EIC (91.1) Scan B2503826.D



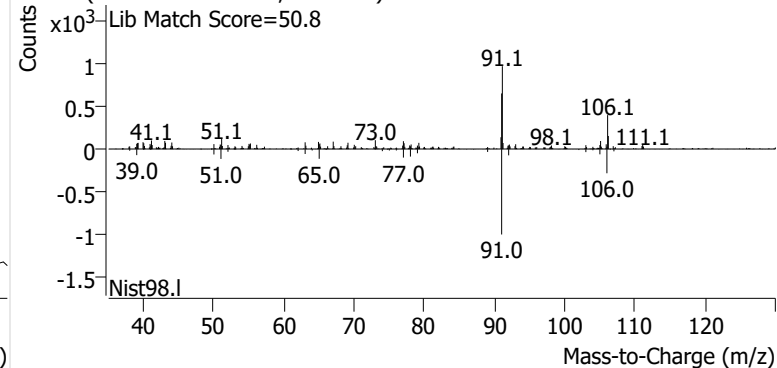
+ Scan (10.729-10.931 min, 34 scans) B2503826.D

**Ethylbenzene**

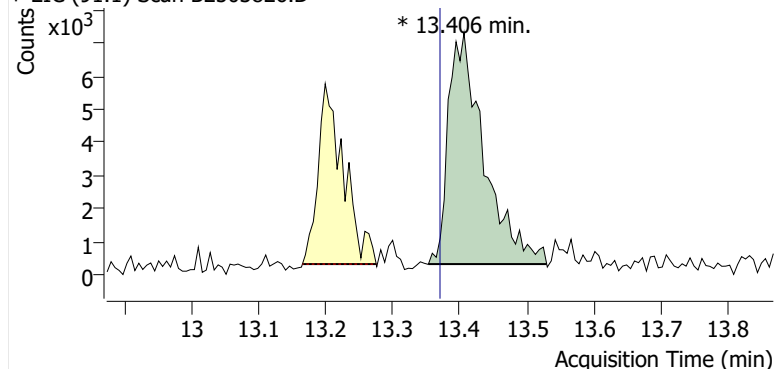
+ EIC (91.1) Scan B2503826.D



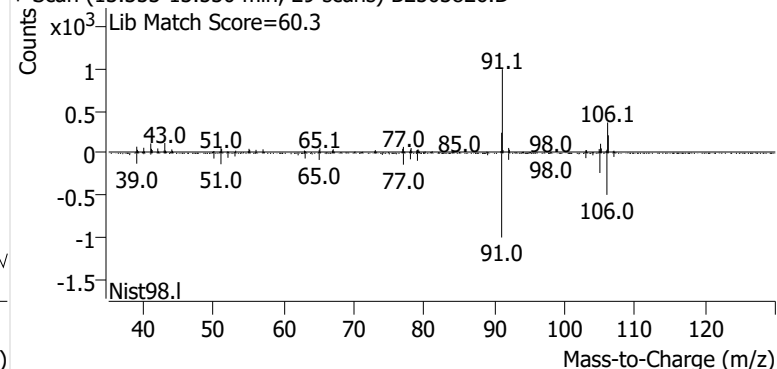
+ Scan (13.161-13.275 min, 20 scans) B2503826.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503826.D

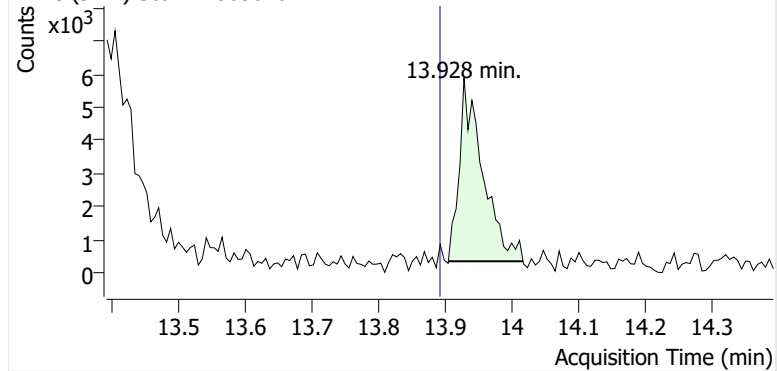


+ Scan (13.353-13.530 min, 29 scans) B2503826.D

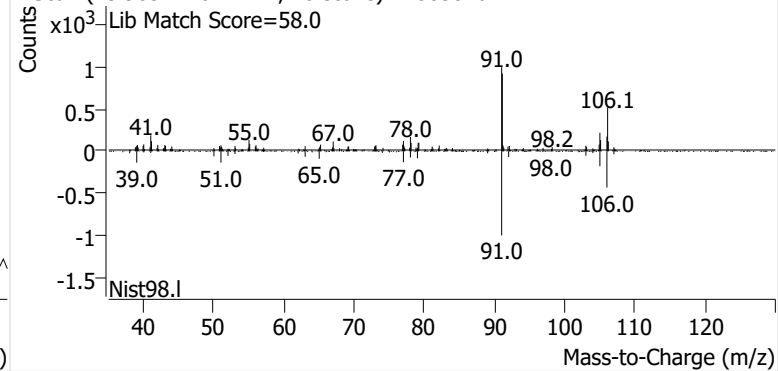


o-Xylene

+ EIC (91.1) Scan B2503826.D

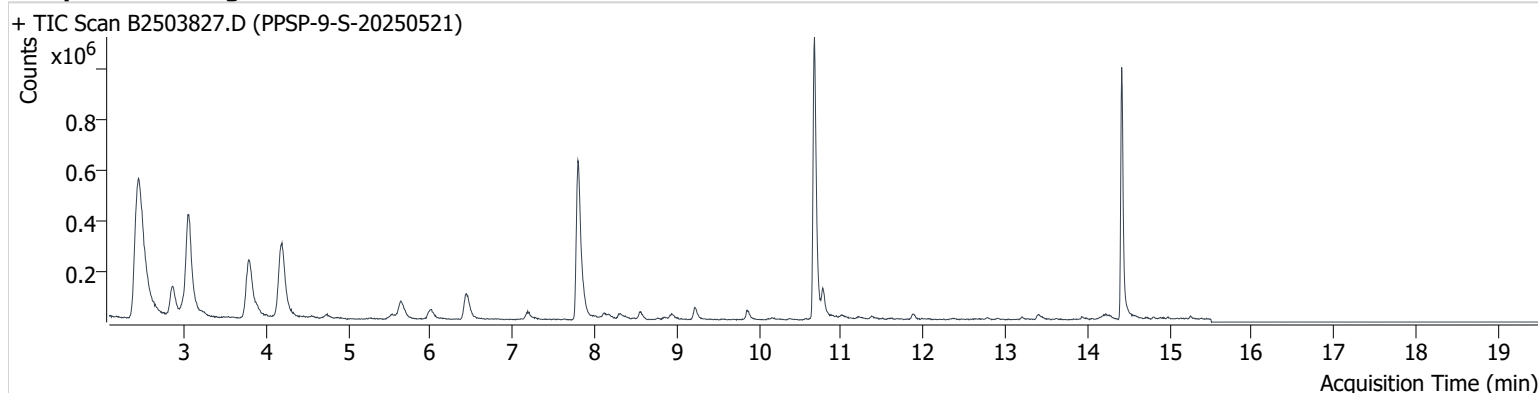


+ Scan (13.905-14.017 min, 18 scans) B2503826.D



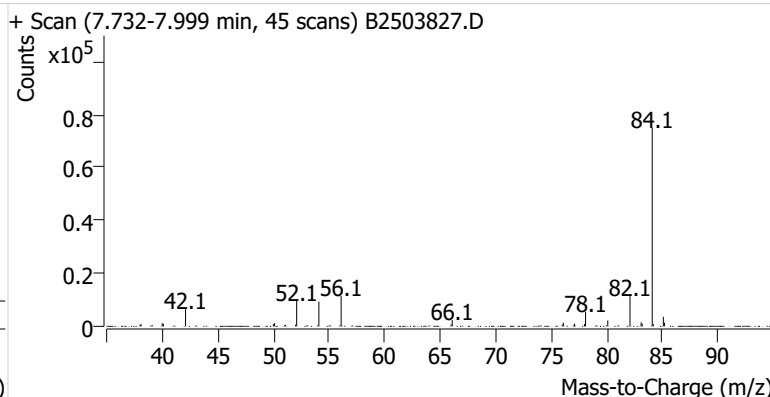
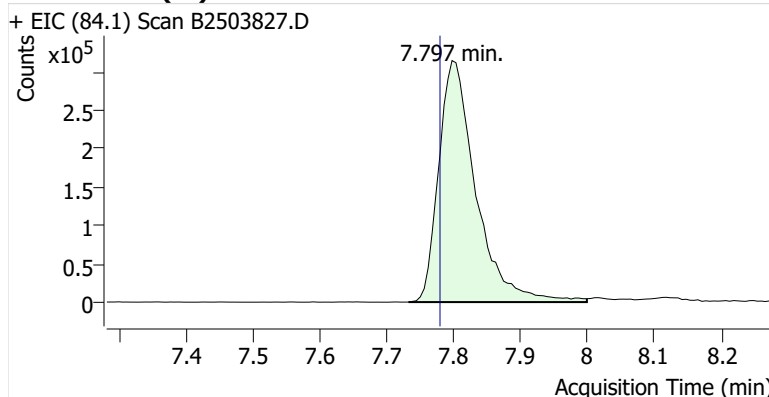
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Comment C56810
Data File B2503827.D
Acq. Date-Time 6/6/2025 1:49:15 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

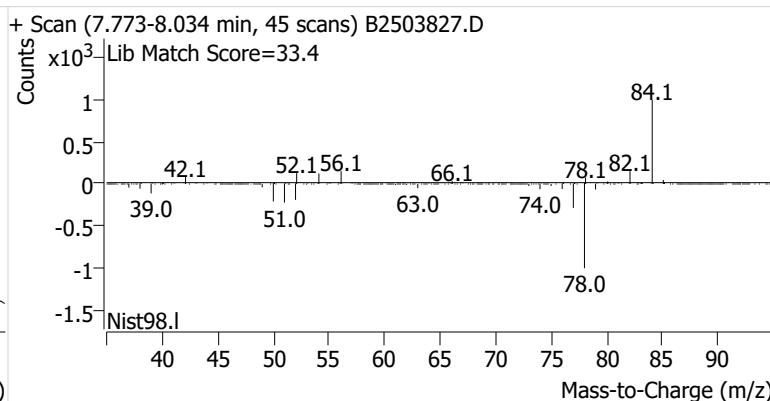
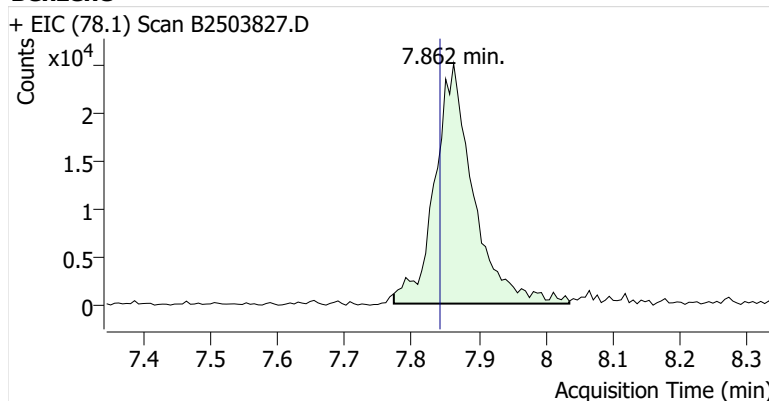


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.797	7.779	1,214,752	
Benzene	Benzene-d6 (IS)	7.862	7.842	100,727	
Toluene-d8 (IS)		10.676	10.652	1,173,839	
Toluene	Toluene-d8 (IS)	10.782	10.758	101,323	
Ethylbenzene	Toluene-d8 (IS)	13.210	13.156	11,817	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	24,918	m
o-Xylene	Toluene-d8 (IS)	13.940	13.892	8,840	m

Benzene-d6 (IS)

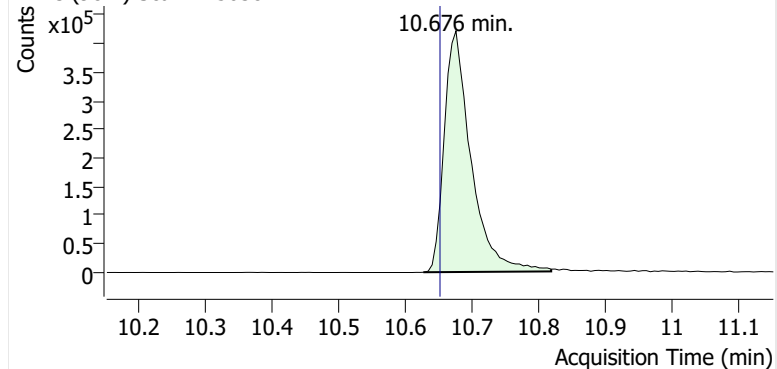


Benzene

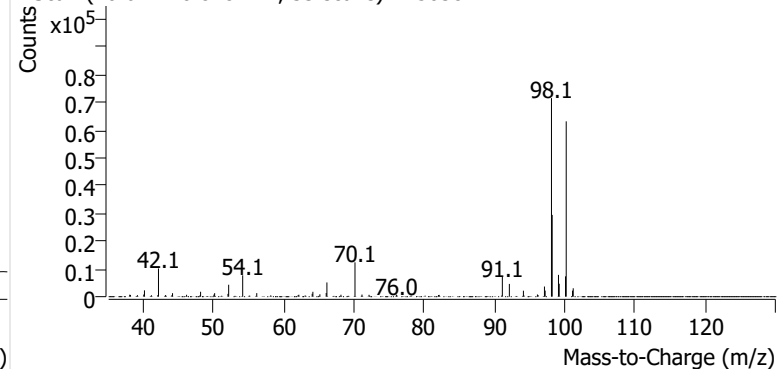


Toluene-d8 (IS)

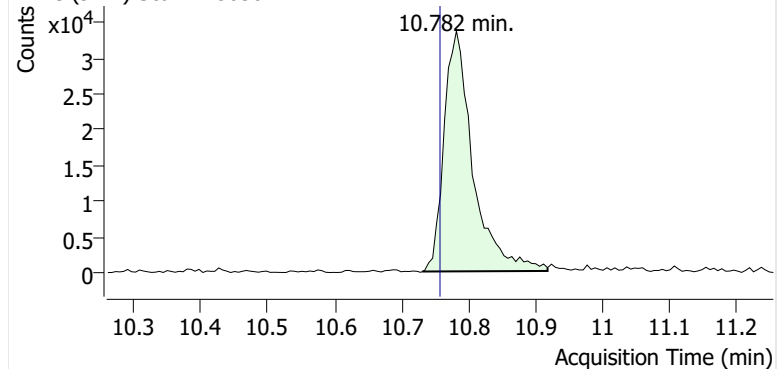
+ EIC (98.1) Scan B2503827.D



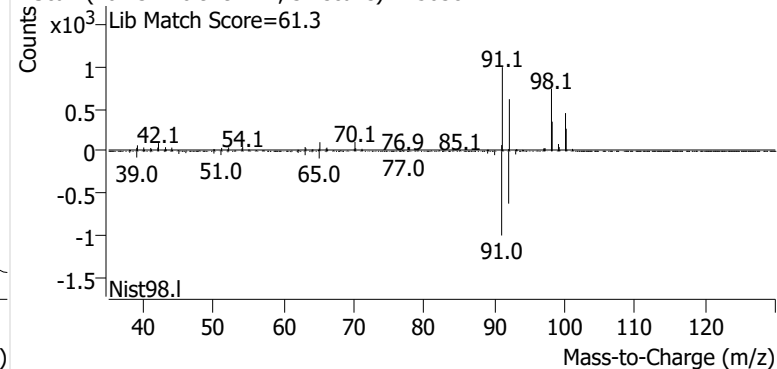
+ Scan (10.627-10.818 min, 33 scans) B2503827.D

**Toluene**

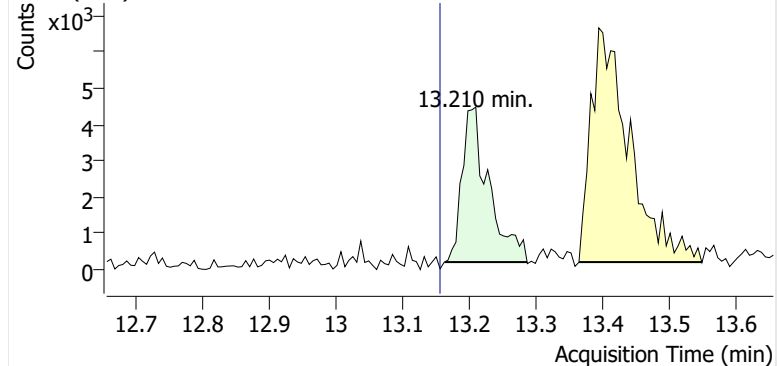
+ EIC (91.1) Scan B2503827.D



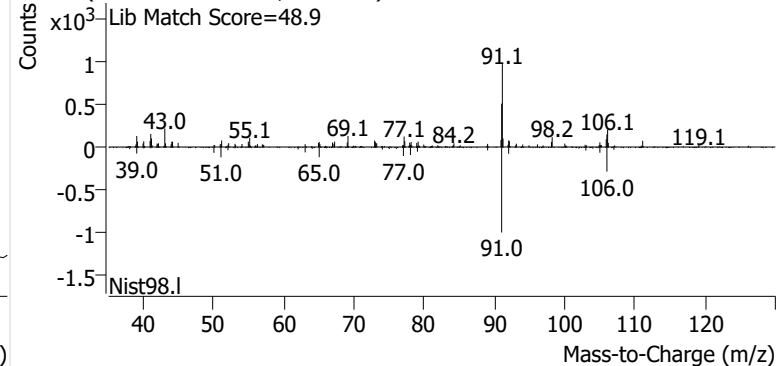
+ Scan (10.731-10.919 min, 32 scans) B2503827.D

**Ethylbenzene**

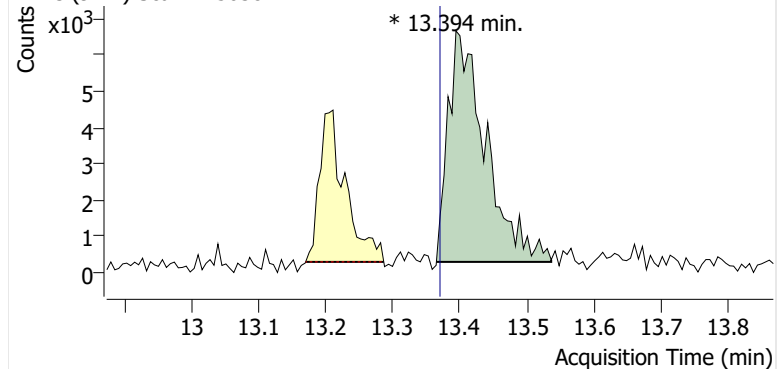
+ EIC (91.1) Scan B2503827.D



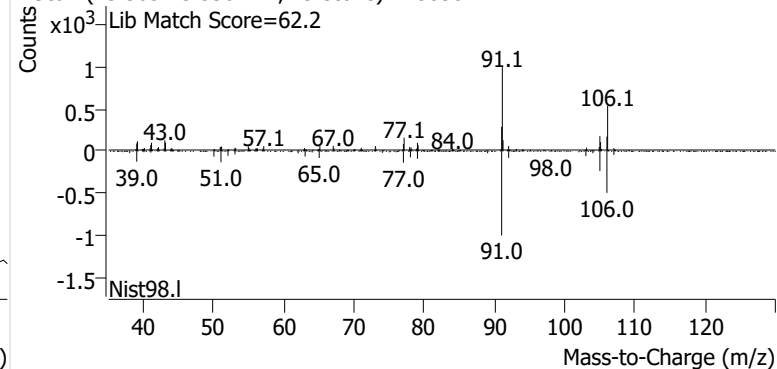
+ Scan (13.163-13.287 min, 20 scans) B2503827.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503827.D

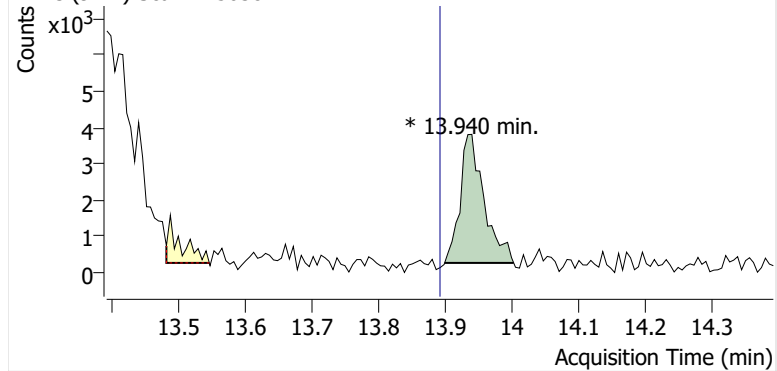


+ Scan (13.365-13.536 min, 29 scans) B2503827.D

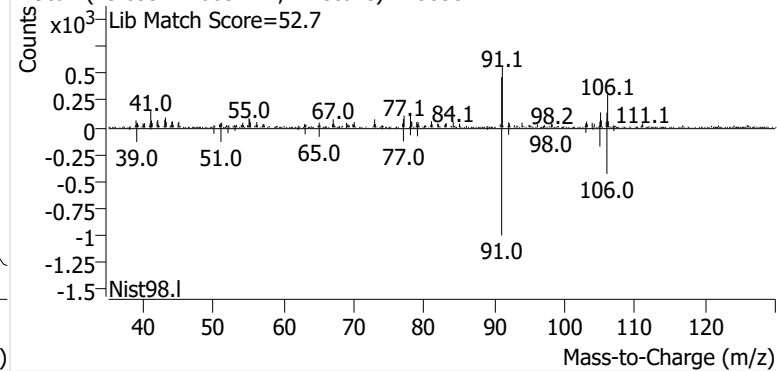


o-Xylene

+ EIC (91.1) Scan B2503827.D

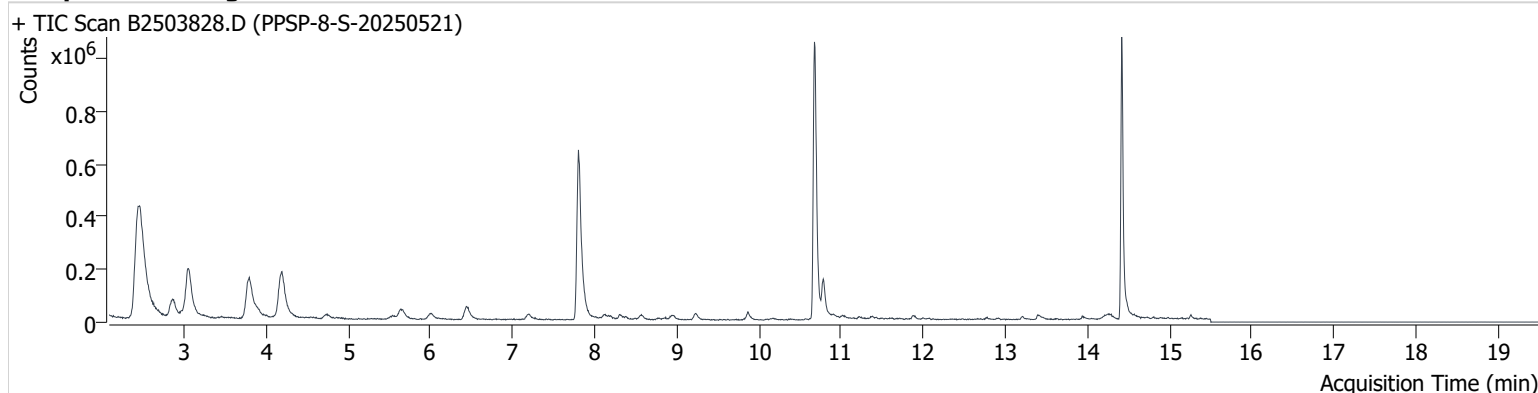


+ Scan (13.899-14.003 min, 17 scans) B2503827.D



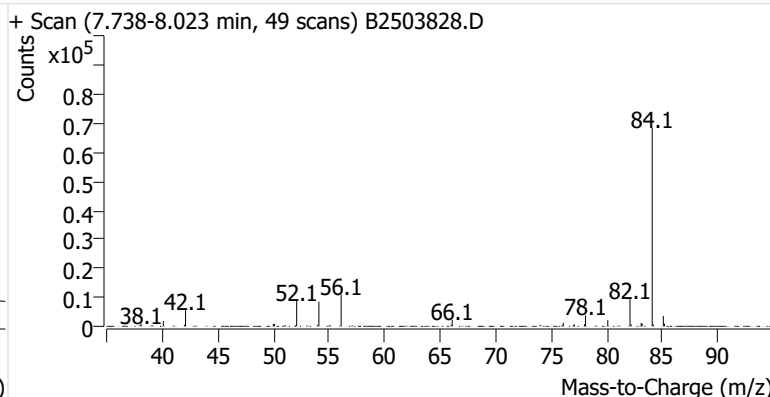
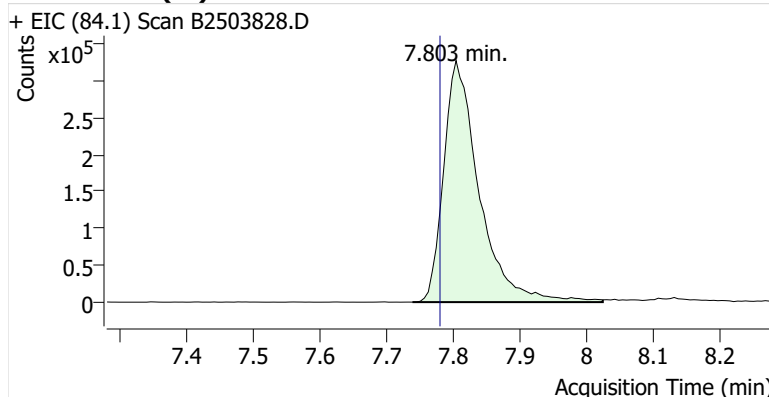
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Comment C00648
Data File B2503828.D
Acq. Date-Time 6/6/2025 2:26:37 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

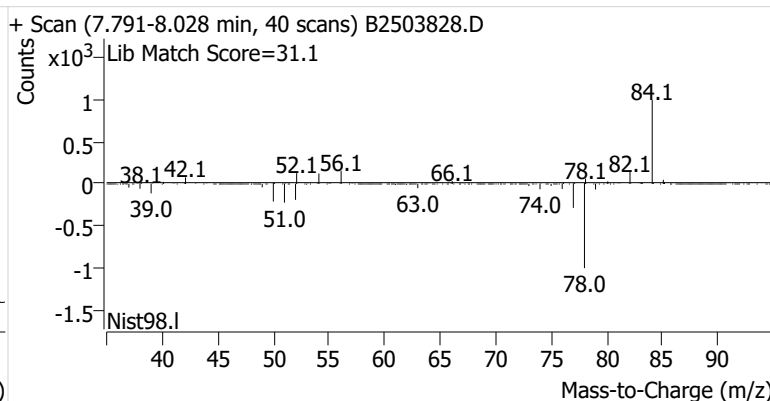
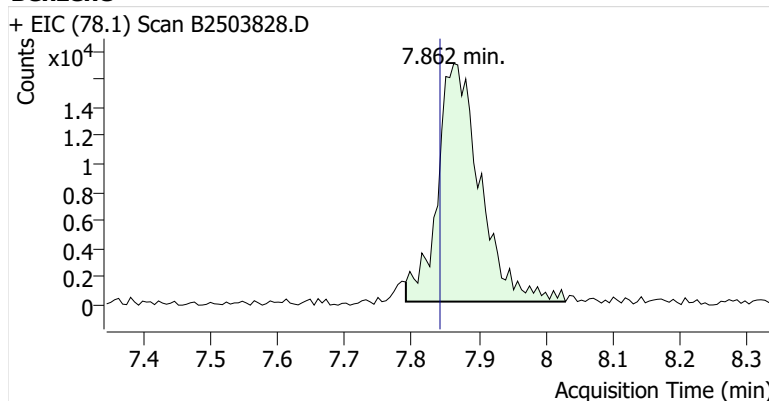


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,206,750	
Benzene	Benzene-d6 (IS)	7.862	7.842	74,501	
Toluene-d8 (IS)		10.676	10.652	1,103,970	
Toluene	Toluene-d8 (IS)	10.783	10.758	144,954	
Ethylbenzene	Toluene-d8 (IS)	13.216	13.156	11,190	
m-/p-Xylenes	Toluene-d8 (IS)	13.394	13.370	24,403	m
o-Xylene	Toluene-d8 (IS)	13.934	13.892	8,840	

Benzene-d6 (IS)

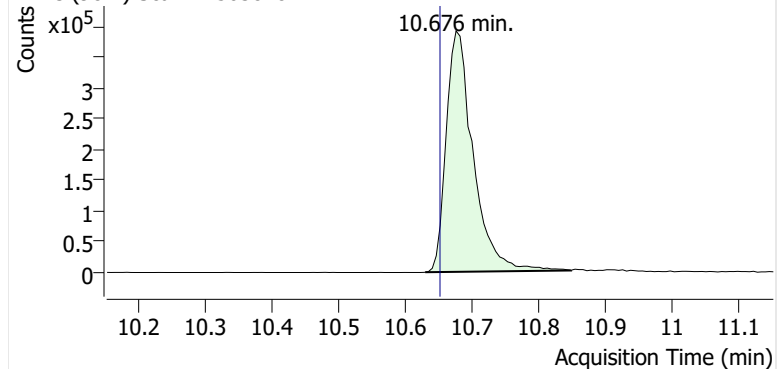


Benzene

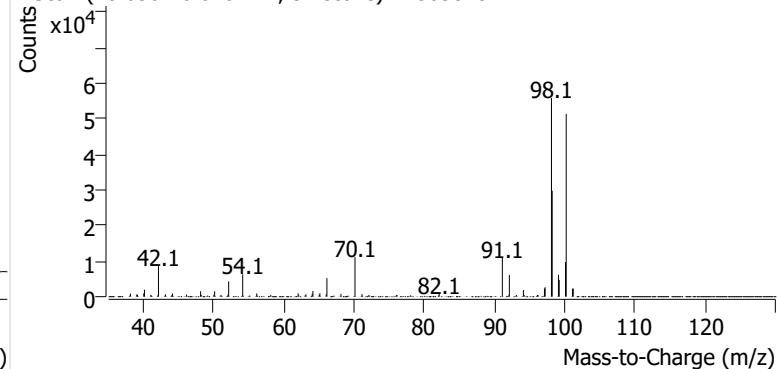


Toluene-d8 (IS)

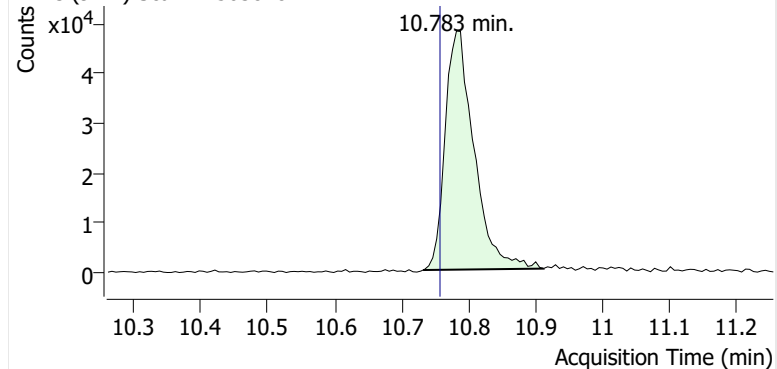
+ EIC (98.1) Scan B2503828.D



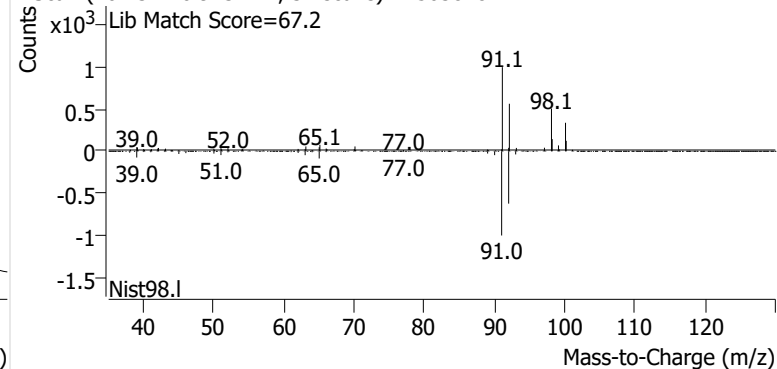
+ Scan (10.630-10.848 min, 37 scans) B2503828.D

**Toluene**

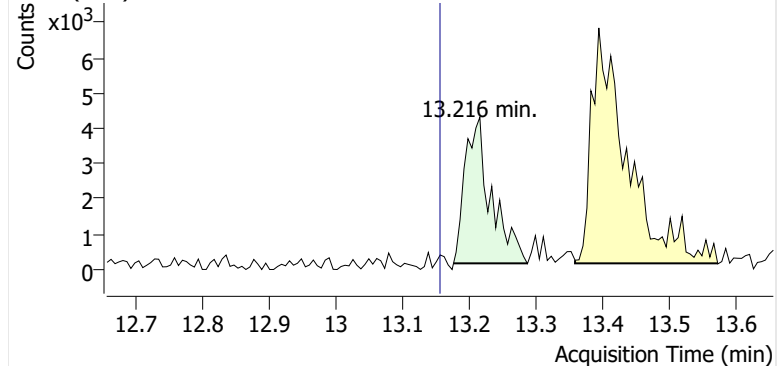
+ EIC (91.1) Scan B2503828.D



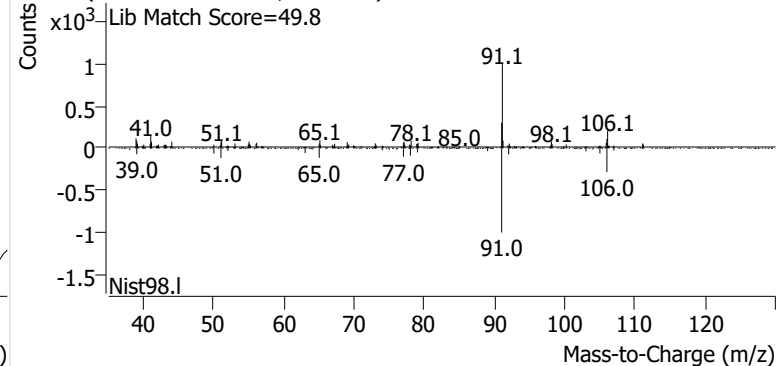
+ Scan (10.732-10.913 min, 31 scans) B2503828.D

**Ethylbenzene**

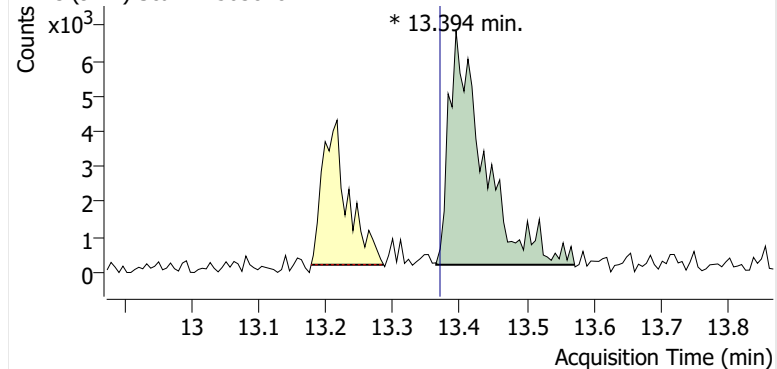
+ EIC (91.1) Scan B2503828.D



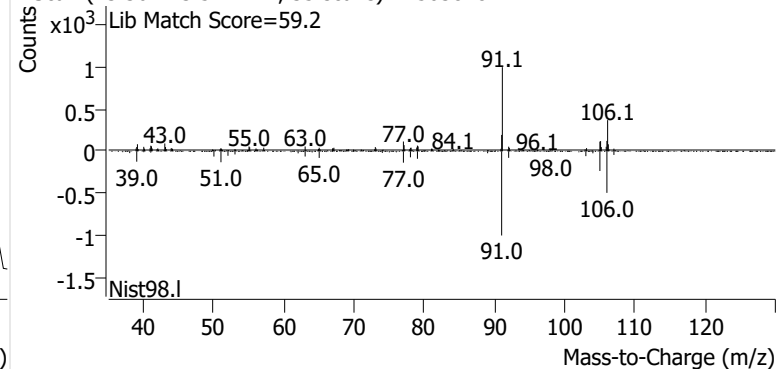
+ Scan (13.177-13.287 min, 18 scans) B2503828.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503828.D

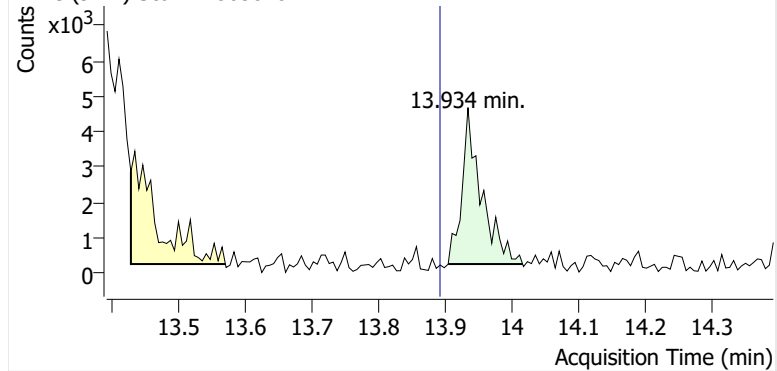


+ Scan (13.364-13.572 min, 35 scans) B2503828.D

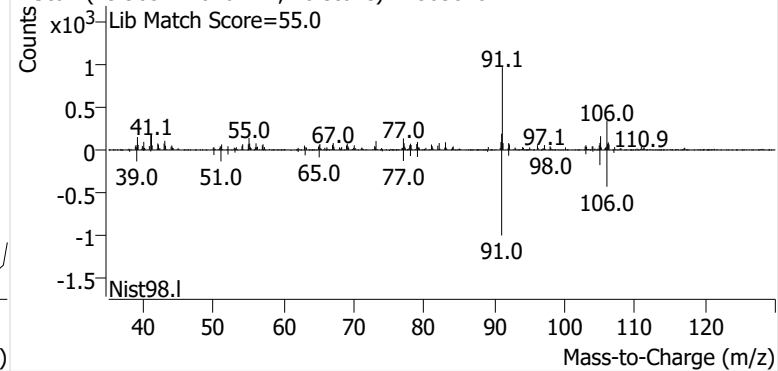


o-Xylene

+ EIC (91.1) Scan B2503828.D

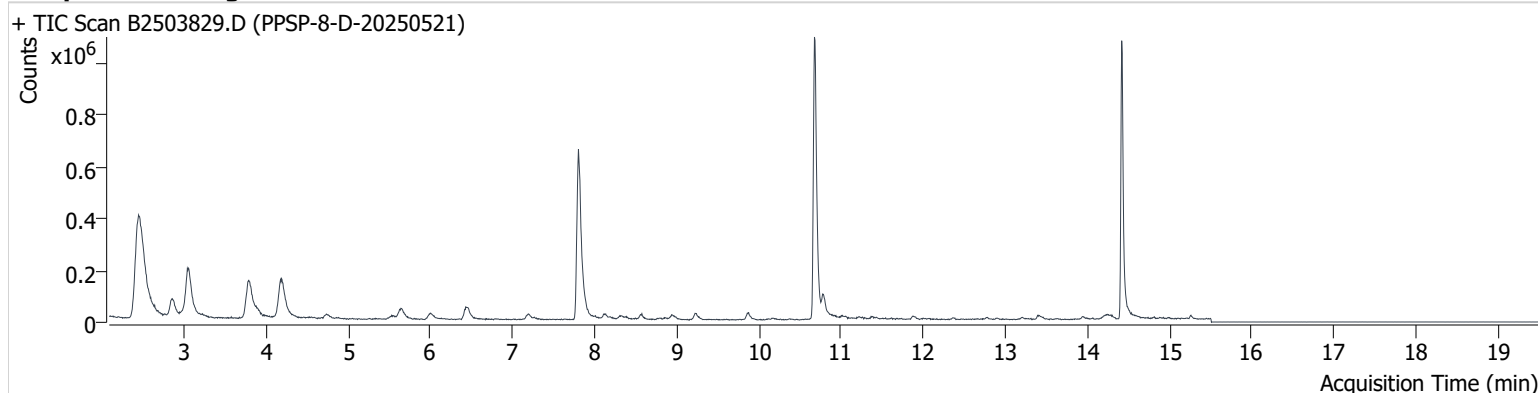


+ Scan (13.905-14.016 min, 18 scans) B2503828.D



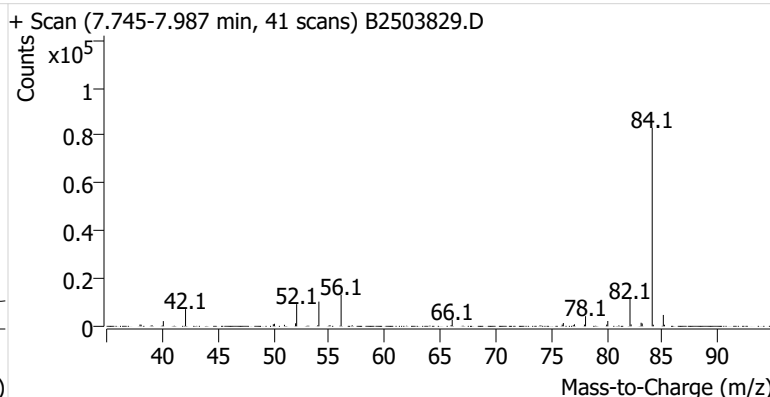
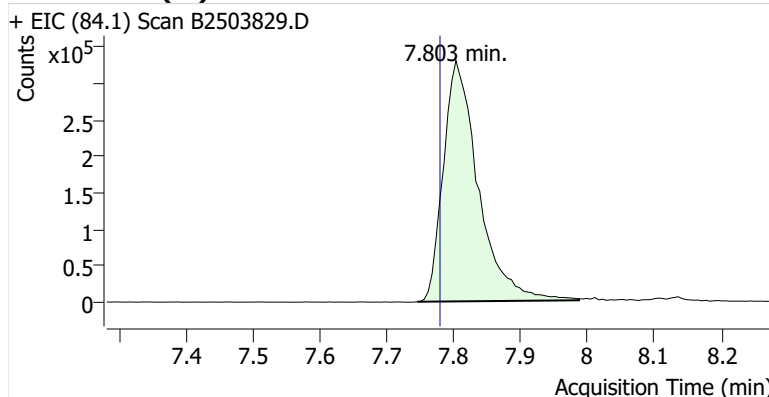
Name PPSP-8-D-20250521
Comment B16810
Data File B2503829.D
Acq. Date-Time 6/6/2025 3:04:00 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

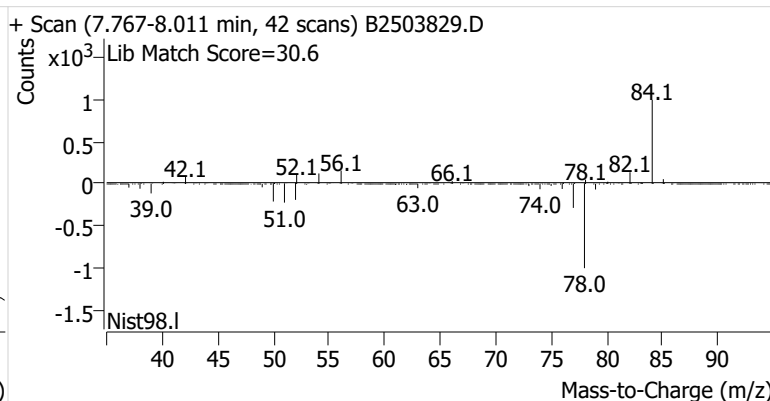
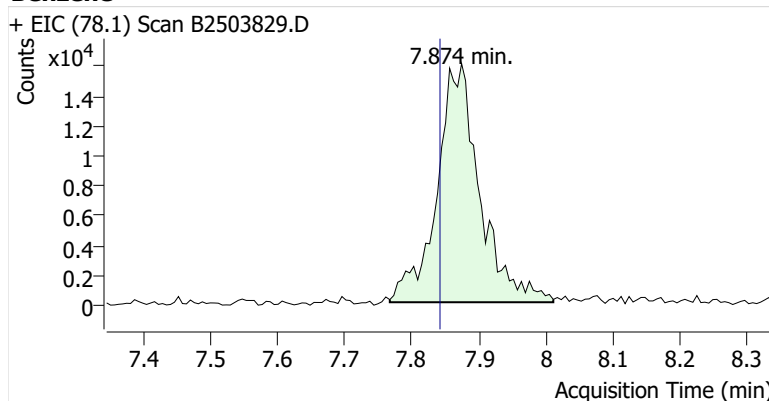


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,201,730	
Benzene	Benzene-d6 (IS)	7.874	7.842	71,231	
Toluene-d8 (IS)		10.681	10.652	1,148,787	
Toluene	Toluene-d8 (IS)	10.782	10.758	79,452	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	9,452	
m-/p-Xylenes	Toluene-d8 (IS)	13.406	13.370	20,558	m
o-Xylene	Toluene-d8 (IS)	13.940	13.892	9,119	

Benzene-d6 (IS)

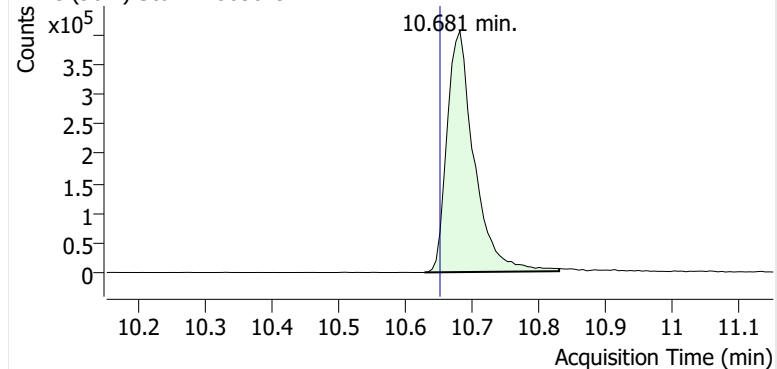


Benzene

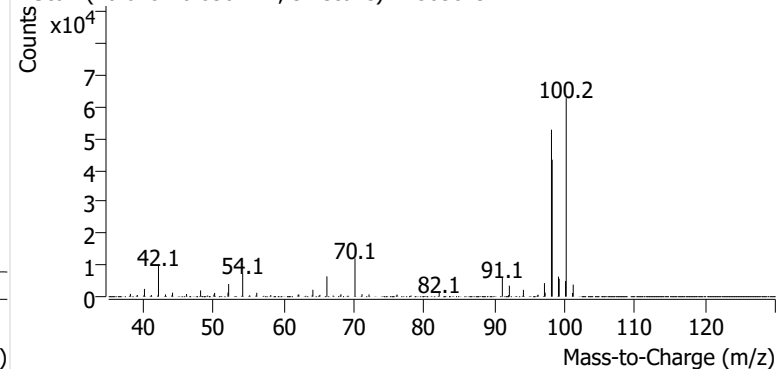


Toluene-d8 (IS)

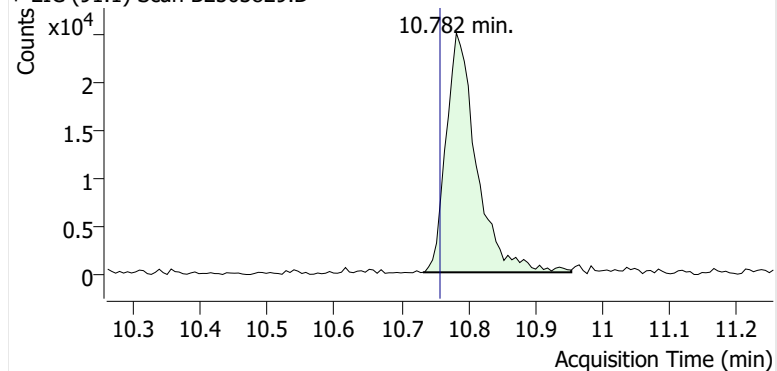
+ EIC (98.1) Scan B2503829.D



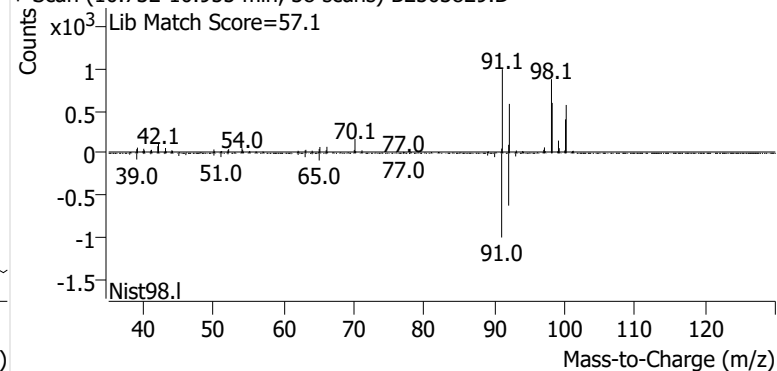
+ Scan (10.628-10.830 min, 34 scans) B2503829.D

**Toluene**

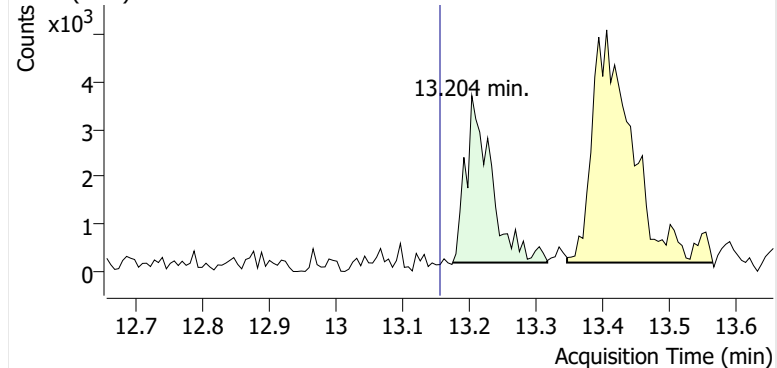
+ EIC (91.1) Scan B2503829.D



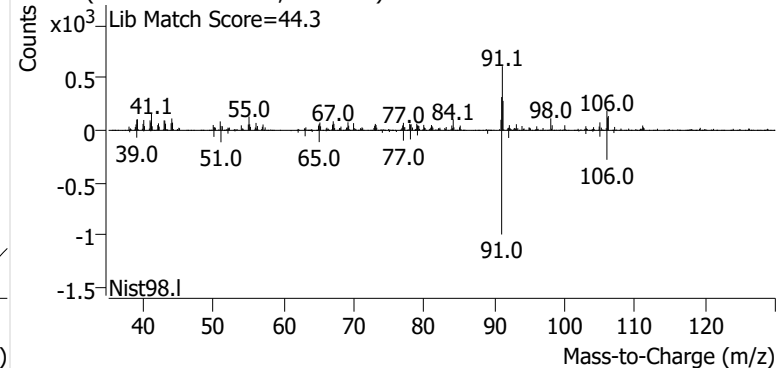
+ Scan (10.732-10.955 min, 38 scans) B2503829.D

**Ethylbenzene**

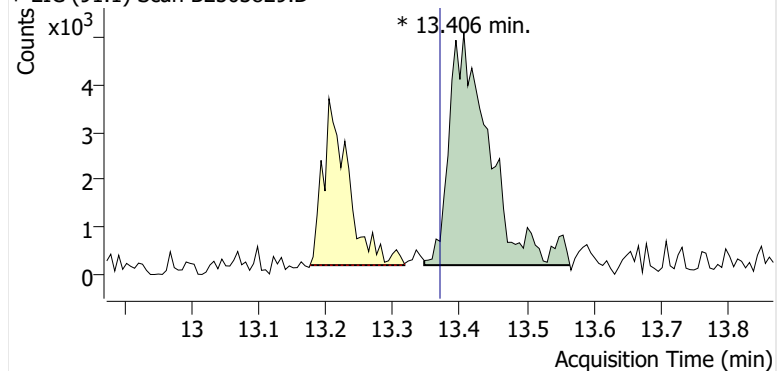
+ EIC (91.1) Scan B2503829.D



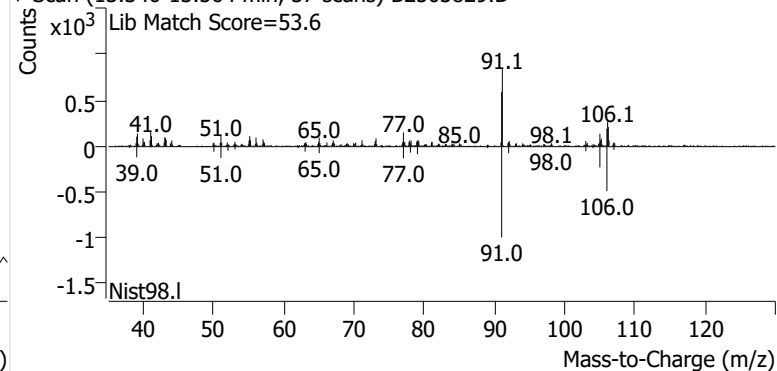
+ Scan (13.175-13.317 min, 24 scans) B2503829.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503829.D

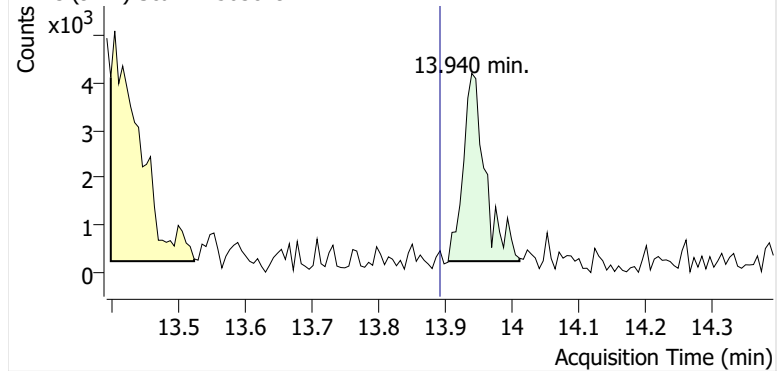


+ Scan (13.346-13.564 min, 37 scans) B2503829.D

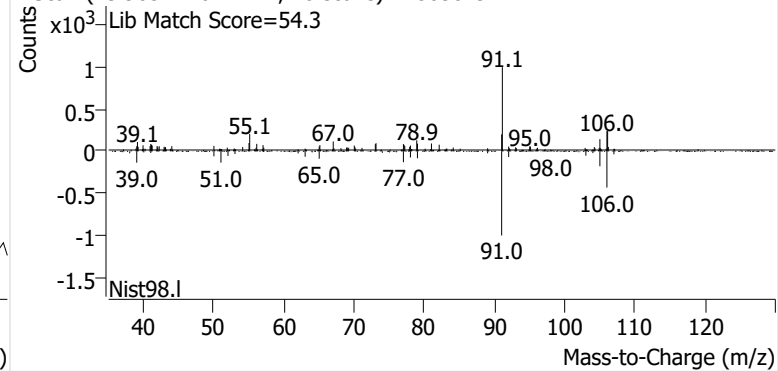


o-Xylene

+ EIC (91.1) Scan B2503829.D

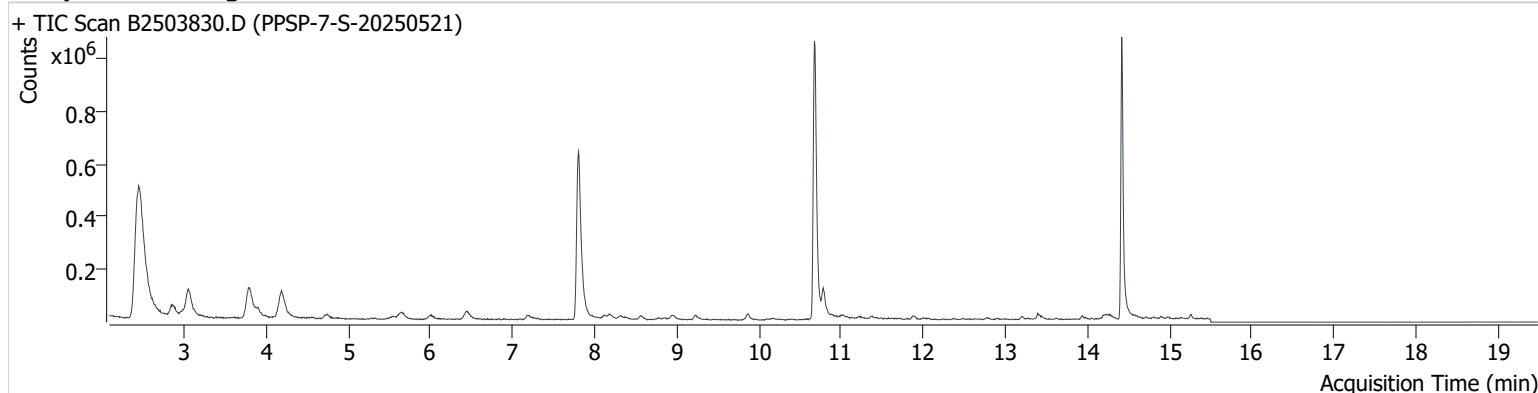


+ Scan (13.905-14.011 min, 18 scans) B2503829.D



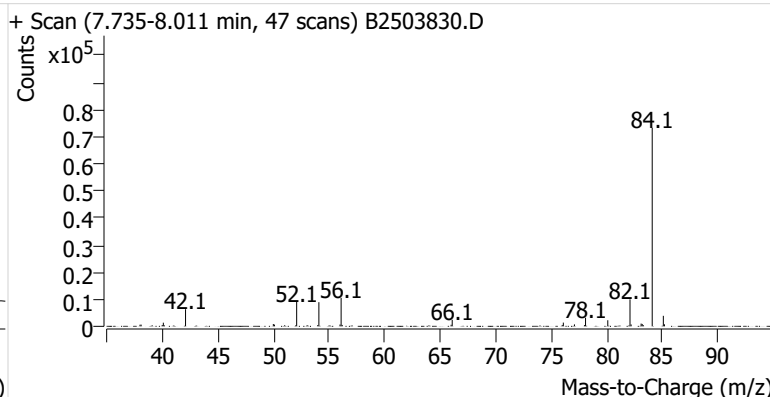
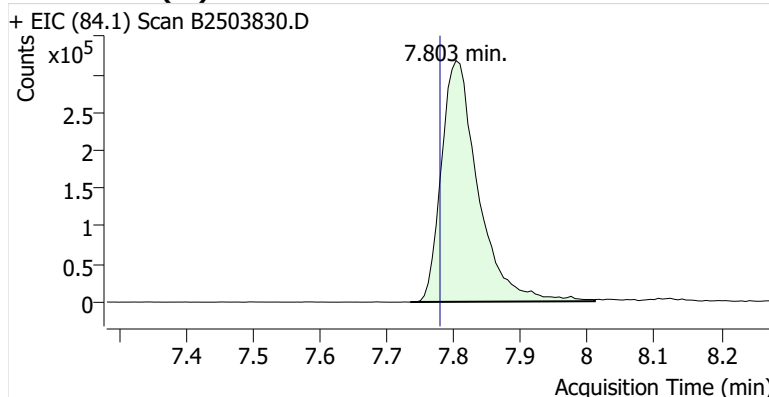
Name PPSP-7-S-20250521
Comment C43208
Data File B2503830.D
Acq. Date-Time 6/6/2025 3:41:21 AM
Acq. Method File M325B-TD
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

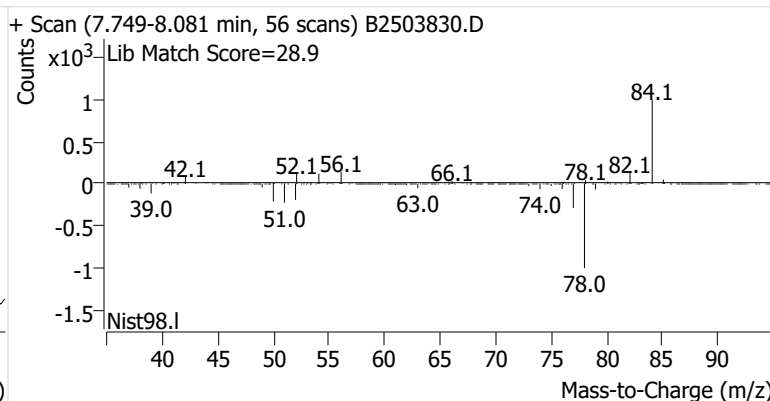
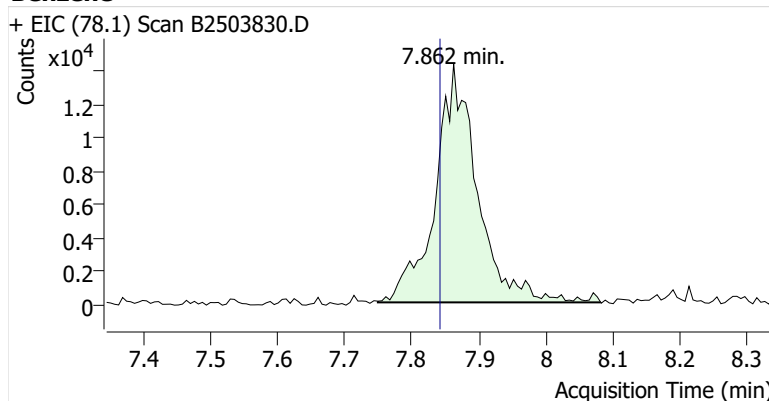


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		7.803	7.779	1,215,625	
Benzene	Benzene-d6 (IS)	7.862	7.842	62,228	
Toluene-d8 (IS)		10.676	10.652	1,123,066	
Toluene	Toluene-d8 (IS)	10.782	10.758	96,350	
Ethylbenzene	Toluene-d8 (IS)	13.204	13.156	12,381	
m-/p-Xylenes	Toluene-d8 (IS)	13.412	13.370	26,170	
o-Xylene	Toluene-d8 (IS)	13.934	13.892	9,366	

Benzene-d6 (IS)

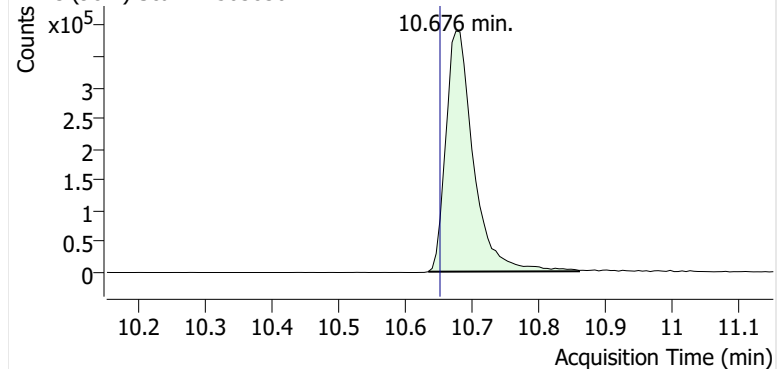


Benzene

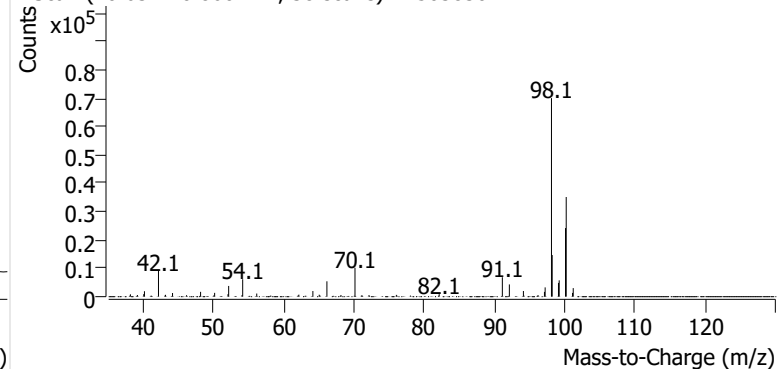


Toluene-d8 (IS)

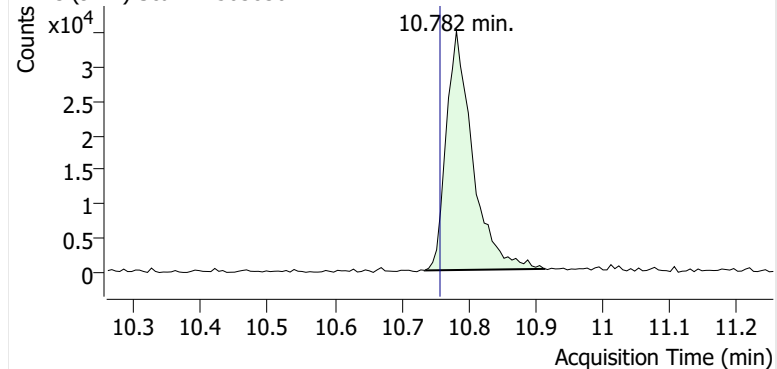
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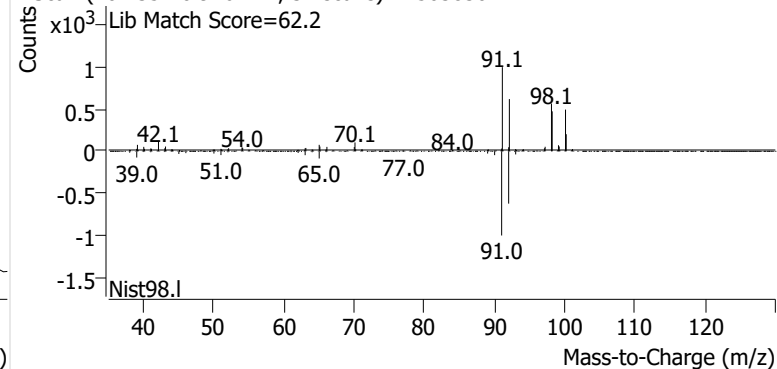
+ Scan (10.634-10.860 min, 38 scans) B2503830.D

**Toluene**

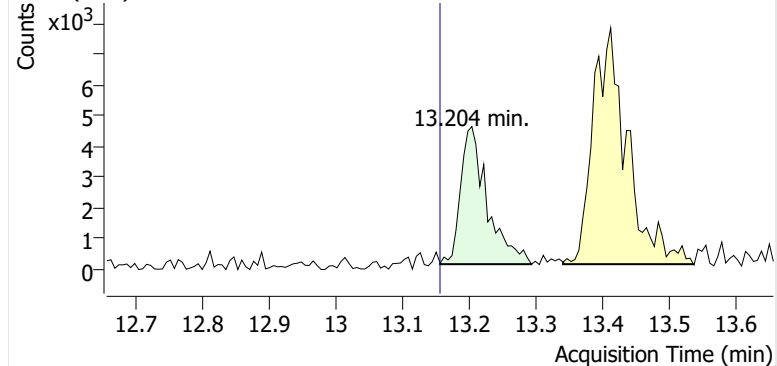
+ EIC (91.1) Scan B2503830.D



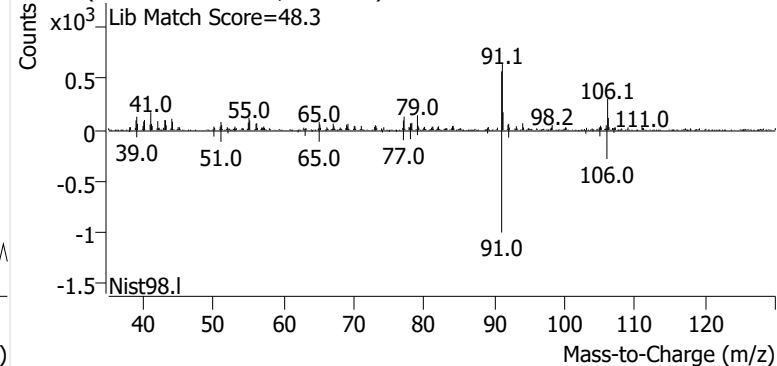
+ Scan (10.735-10.916 min, 31 scans) B2503830.D

**Ethylbenzene**

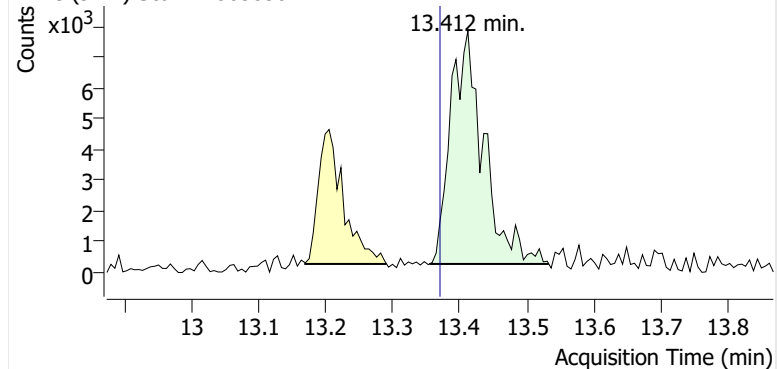
+ EIC (91.1) Scan B2503830.D



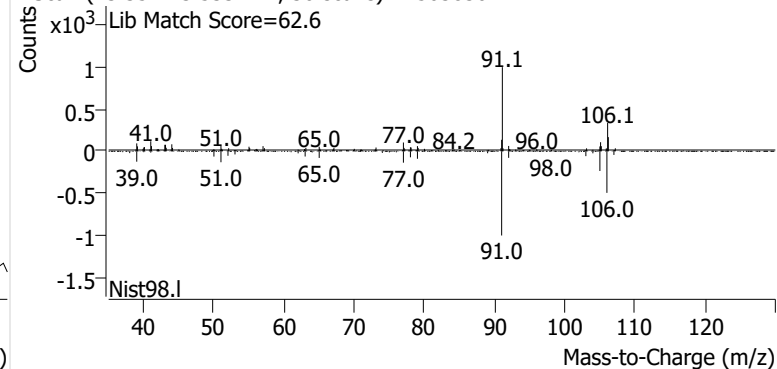
+ Scan (13.157-13.293 min, 24 scans) B2503830.D

**m-/p-Xylenes**

+ EIC (91.1) Scan B2503830.D

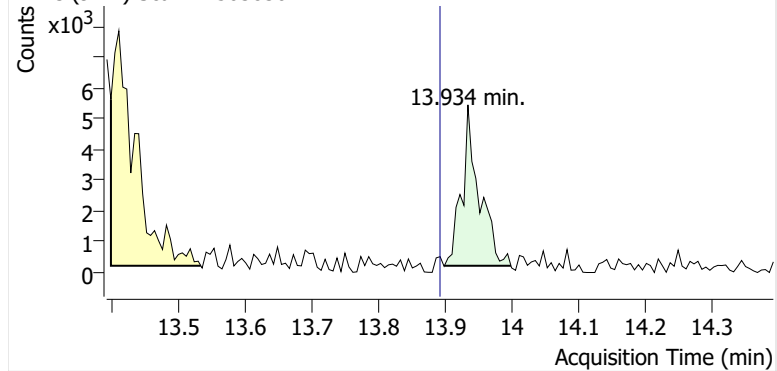


+ Scan (13.354-13.533 min, 30 scans) B2503830.D

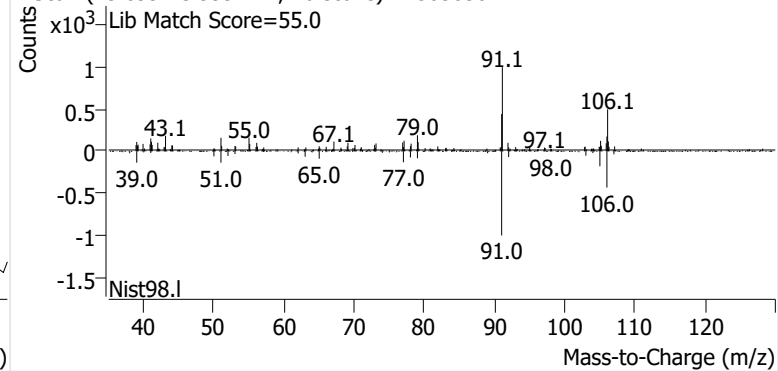


o-Xylene

+ EIC (91.1) Scan B2503830.D



+ Scan (13.899-13.999 min, 16 scans) B2503830.D



Calibration Summary Reports



Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2503813.D	B19990	Cal	0.886	0.941	0.886	-5.9%	6.3%		Pass	
2025FW205 Method Blank-1	B2503814.D	B46339	Blank		0.941	0.886			-0.49%	Pass	ND
M325B CCV 5	B2503825.D	C32855	Check	0.900	0.941	0.886	-4.4%		-0.73%	Pass	
M325B CCV 5	B2503831.D	C01519	Check	0.889	0.941	0.886	-5.6%		-1.6%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2503813.D	B19990	Cal	0.990	1.042	0.990	-5.0%	-2.8%		Pass	
2025FW205 Method Blank-1	B2503814.D	B46339	Blank		1.042	0.990			3.7%	Pass	ND
M325B CCV 5	B2503825.D	C32855	Check	1.006	1.042	0.990	-3.5%		-2.1%	Pass	
M325B CCV 5	B2503831.D	C01519	Check	0.991	1.042	0.990	-5.0%		-1.0%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2503813.D	B19990	Cal	1.231	1.262	1.231	-2.4%	-2.8%		Pass	
2025FW205 Method Blank-1	B2503814.D	B46339	Blank		1.262	1.231			3.7%	Pass	ND
M325B CCV 5	B2503825.D	C32855	Check	1.224	1.262	1.231	-3.0%		-2.1%	Pass	
M325B CCV 5	B2503831.D	C01519	Check	1.253	1.262	1.231	-0.72%		-1.0%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2503813.D	B19990	Cal	0.980	1.015	0.980	-3.4%	-2.8%		Pass	
2025FW205 Method Blank-1	B2503814.D	B46339	Blank		1.015	0.980			3.7%	Pass	ND
M325B CCV 5	B2503825.D	C32855	Check	1.025	1.015	0.980	1.0%		-2.1%	Pass	
M325B CCV 5	B2503831.D	C01519	Check	1.036	1.015	0.980	2.1%		-1.0%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	B2503813.D	B19990	Cal	0.996	1.005	0.996	-0.90%	-2.8%		Pass	
2025FW205 Method Blank-1	B2503814.D	B46339	Blank		1.005	0.996			3.7%	Pass	ND
M325B CCV 5	B2503825.D	C32855	Check	1.021	1.005	0.996	1.6%		-2.1%	Pass	
M325B CCV 5	B2503831.D	C01519	Check	1.053	1.005	0.996	4.8%		-1.0%	Pass	

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	Benzene	1	B2502161.D	5.02	66915	92.1	1130329	1.086	0.15
B032725A_CC252679_R1	Benzene	2	B2502162.D	10.03	123472	92.1	1134799	0.998	0.061
B032725A_CC252679_R1	Benzene	3	B2502163.D	20.07	239526	92.1	1139939	0.964	0.024
B032725A_CC252679_R1	Benzene	4	B2502164.D	40.14	464736	92.1	1140822	0.934	-0.0072
B032725A_CC252679_R1	Benzene	5	B2502165.D	100.34	1120064	92.1	1153198	0.891	-0.053
B032725A_CC252679_R1	Benzene	6	B2502166.D	200.69	2173887	92.1	1152162	0.866	-0.08
B032725A_CC252679_R1	Benzene	7	B2502167.D	602.07	6239884	92.1	1124490	0.848	-0.098
						Avg:	1139391	0.941	
						%RSD:	0.9%	8.9%	
B032725A_CC252679_R1	Toluene	1	B2502161.D	5.43	68415	108.6	1206222	1.136	0.09
B032725A_CC252679_R1	Toluene	2	B2502162.D	10.85	136331	108.6	1221018	1.118	0.072
B032725A_CC252679_R1	Toluene	3	B2502163.D	21.70	265903	108.6	1213247	1.097	0.053
B032725A_CC252679_R1	Toluene	4	B2502164.D	43.40	525839	108.6	1241251	1.060	0.017
B032725A_CC252679_R1	Toluene	5	B2502165.D	108.50	1225436	108.6	1246510	0.984	-0.056
B032725A_CC252679_R1	Toluene	6	B2502166.D	217.00	2398539	108.6	1233587	0.973	-0.066
B032725A_CC252679_R1	Toluene	7	B2502167.D	651.00	6892580	108.6	1239562	0.928	-0.11
						Avg:	1228771	1.042	
						%RSD:	1.3%	7.7%	
B032725A_CC252679_R1	Ethylbenzene	1	B2502161.D	5.21	82745	108.6	1206222	1.429	0.13
B032725A_CC252679_R1	Ethylbenzene	2	B2502162.D	10.43	163215	108.6	1221018	1.392	0.1
B032725A_CC252679_R1	Ethylbenzene	3	B2502163.D	20.86	316961	108.6	1213247	1.360	0.078
B032725A_CC252679_R1	Ethylbenzene	4	B2502164.D	41.72	631635	108.6	1241251	1.325	0.05
B032725A_CC252679_R1	Ethylbenzene	5	B2502165.D	104.29	1380271	108.6	1246510	1.153	-0.086
B032725A_CC252679_R1	Ethylbenzene	6	B2502166.D	208.59	2729887	108.6	1233587	1.152	-0.087
B032725A_CC252679_R1	Ethylbenzene	7	B2502167.D	625.75	7297585	108.6	1239562	1.022	-0.19
						Avg:	1228771	1.262	
						%RSD:	1.3%	12.1%	
B032725A_CC252679_R1	m-/p-Xylenes	1	B2502161.D	4.92	67830	108.6	1206222	1.240	0.22
B032725A_CC252679_R1	m-/p-Xylenes	2	B2502162.D	9.85	125700	108.6	1221018	1.135	0.12
B032725A_CC252679_R1	m-/p-Xylenes	3	B2502163.D	19.70	245314	108.6	1213247	1.115	0.099
B032725A_CC252679_R1	m-/p-Xylenes	4	B2502164.D	39.40	455091	108.6	1241251	1.011	-0.0038
B032725A_CC252679_R1	m-/p-Xylenes	5	B2502165.D	98.50	1025305	108.6	1246510	0.907	-0.11
B032725A_CC252679_R1	m-/p-Xylenes	6	B2502166.D	197.00	1953079	108.6	1233587	0.873	-0.14
B032725A_CC252679_R1	m-/p-Xylenes	7	B2502167.D	590.99	5536857	108.6	1239562	0.821	-0.19
						Avg:	1228771	1.015	
						%RSD:	1.3%	15.3%	
B032725A_CC252679_R1	o-Xylene	1	B2502161.D	5.14	67964	108.6	1206222	1.191	0.19
B032725A_CC252679_R1	o-Xylene	2	B2502162.D	10.27	135805	108.6	1221018	1.176	0.17
B032725A_CC252679_R1	o-Xylene	3	B2502163.D	20.55	240134	108.6	1213247	1.046	0.041

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW205-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	o-Xylene	4	B2502164.D	41.09	515081	108.6	1241251	1.097	0.091
B032725A_CC252679_R1	o-Xylene	5	B2502165.D	102.73	1027435	108.6	1246510	0.871	-0.13
B032725A_CC252679_R1	o-Xylene	6	B2502166.D	205.47	2011906	108.6	1233587	0.862	-0.14
B032725A_CC252679_R1	o-Xylene	7	B2502167.D	616.40	5582442	108.6	1239562	0.794	-0.21
						Avg:	1228771	1.005	
						%RSD:	1.3%	16.1%	

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
B032725A_CC252679_R1	Benzene	ICV	B2502168.D	64.93	684250	92.1	1106030	0.877	-6.8%
B032725A_CC252679_R1	Toluene	ICV	B2502168.D	77.44	904869	108.6	1207486	1.051	0.9%
B032725A_CC252679_R1	Ethylbenzene	ICV	B2502168.D	87.18	1130379	108.6	1207486	1.166	-7.6%
B032725A_CC252679_R1	m-/p-Xylenes	ICV	B2502168.D	90.74	932274	108.6	1207486	0.924	-8.9%
B032725A_CC252679_R1	o-Xylene	ICV	B2502168.D	89.32	959027	108.6	1207486	0.966	-3.9%

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