QUARTER 3, 2024
FENCELINE MONITORING REPORT FOR THE SPRAGUE OPERATING RESOURCES SOUTH PORTLAND MAINE TERMINAL

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Report Number: **047AA-027968-RT-517**
Date: **November 12, 2024**

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
SPRSPO-1-S-20240903	1	Benzene	Sample	2.19	ug/m3	0.188	ug/m3		Y	9/3/2024	12:30	9/17/2024	11:10
SPRSPO-1-S-20240903	1	Ethylbenzene	Sample	2.63	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:30	9/17/2024	11:10
SPRSPO-1-S-20240903	1	m-/p-Xylene	Sample	5.9	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:30	9/17/2024	11:10
SPRSPO-1-S-20240903	1	o-Xylene	Sample	2.18	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:30	9/17/2024	11:10
SPRSPO-1-S-20240903	1	Toluene	Sample	14.8	ug/m3	0.243	ug/m3		Y	9/3/2024	12:30	9/17/2024	11:10
SPRSPO-2-S-20240903	2	Benzene	Sample	1.47	ug/m3	0.188	ug/m3		Y	9/3/2024	12:35	9/17/2024	11:15
SPRSPO-2-S-20240903	2	Ethylbenzene	Sample	1.26	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:35	9/17/2024	11:15
SPRSPO-2-S-20240903	2	m-/p-Xylene	Sample	2.81	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:35	9/17/2024	11:15
SPRSPO-2-S-20240903	2	o-Xylene	Sample	1.14	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:35	9/17/2024	11:15
SPRSPO-2-S-20240903	2	Toluene	Sample	7	ug/m3	0.243	ug/m3		Y	9/3/2024	12:35	9/17/2024	11:15
SPRSPO-3-S-20240903	3	Benzene	Sample	1.59	ug/m3	0.188	ug/m3		Y	9/3/2024	12:39	9/17/2024	11:20
SPRSPO-3-S-20240903	3	Ethylbenzene	Sample	1.37	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:39	9/17/2024	11:20
SPRSPO-3-S-20240903	3	m-/p-Xylene	Sample	3.43	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:39	9/17/2024	11:20
SPRSPO-3-S-20240903	3	o-Xylene	Sample	1.48	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:39	9/17/2024	11:20
SPRSPO-3-S-20240903	3	Toluene	Sample	6.97	ug/m3	0.243	ug/m3		Y	9/3/2024	12:39	9/17/2024	11:20
SPRSPO-4-S-20240903	4	Benzene	Sample	1.59	ug/m3	0.188	ug/m3		Y	9/3/2024	12:46	9/17/2024	11:24
SPRSPO-4-S-20240903	4	Ethylbenzene	Sample	1.78	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:46	9/17/2024	11:24
SPRSPO-4-S-20240903	4	m-/p-Xylene	Sample	3.36	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:46	9/17/2024	11:24
SPRSPO-4-S-20240903	4	o-Xylene	Sample	1.37	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:46	9/17/2024	11:24
SPRSPO-4-S-20240903	4	Toluene	Sample	7.82	ug/m3	0.243	ug/m3		Y	9/3/2024	12:46	9/17/2024	11:24
SPRSPO-5-S-20240903	5	Benzene	Sample	1.01	ug/m3	0.188	ug/m3		Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-S-20240903	5	Ethylbenzene	Sample	0.704	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-S-20240903	5	m-/p-Xylene	Sample	1.47	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-S-20240903	5	o-Xylene	Sample	0.562	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-S-20240903	5	Toluene	Sample	4.54	ug/m3	0.243	ug/m3		Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-D-20240903	5	Benzene	Duplicate	1.04	ug/m3	0.188	ug/m3		Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-D-20240903	5	Ethylbenzene	Duplicate	1.04	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-D-20240903	5	m-/p-Xylene	Duplicate	1.93	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-D-20240903	5	o-Xylene	Duplicate	0.85	ug/m3	0.274	ug/m3	P	Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-D-20240903	5	Toluene	Duplicate	5.22	ug/m3	0.243	ug/m3		Y	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-B-20240903	5	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/3/2024	12:55	9/17/2024	11:30

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
SPRSPO-5-B-20240903	5	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-B-20240903	5	m-/p-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND,P	N	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-B-20240903	5	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND,P	N	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-5-B-20240903	5	Toluene	Blank	<0.243	ug/m3	0.243	ug/m3	ND	N	9/3/2024	12:55	9/17/2024	11:30
SPRSPO-6-S-20240903	6	Benzene	Sample	0.831	ug/m3	0.188	ug/m3		Y	9/3/2024	13:00	9/17/2024	11:35
SPRSPO-6-S-20240903	6	Ethylbenzene	Sample	0.39	ug/m3	0.274	ug/m3	J,Pc	Y	9/3/2024	13:00	9/17/2024	11:35
SPRSPO-6-S-20240903	6	m-/p-Xylene	Sample	0.863	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:00	9/17/2024	11:35
SPRSPO-6-S-20240903	6	o-Xylene	Sample	0.353	ug/m3	0.274	ug/m3	J,P	Y	9/3/2024	13:00	9/17/2024	11:35
SPRSPO-6-S-20240903	6	Toluene	Sample	2.85	ug/m3	0.243	ug/m3		Y	9/3/2024	13:00	9/17/2024	11:35
SPRSPO-7-S-20240903	7	Benzene	Sample	0.75	ug/m3	0.188	ug/m3		Y	9/3/2024	13:05	9/17/2024	11:40
SPRSPO-7-S-20240903	7	Ethylbenzene	Sample	0.586	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	13:05	9/17/2024	11:40
SPRSPO-7-S-20240903	7	m-/p-Xylene	Sample	1.51	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:05	9/17/2024	11:40
SPRSPO-7-S-20240903	7	o-Xylene	Sample	0.707	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:05	9/17/2024	11:40
SPRSPO-7-S-20240903	7	Toluene	Sample	3.24	ug/m3	0.243	ug/m3		Y	9/3/2024	13:05	9/17/2024	11:40
SPRSPO-8-S-20240903	8	Benzene	Sample	0.68	ug/m3	0.188	ug/m3		Y	9/3/2024	13:10	9/17/2024	11:45
SPRSPO-8-S-20240903	8	Ethylbenzene	Sample	0.345	ug/m3	0.274	ug/m3	J,Pc	Y	9/3/2024	13:10	9/17/2024	11:45
SPRSPO-8-S-20240903	8	m-/p-Xylene	Sample	1	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:10	9/17/2024	11:45
SPRSPO-8-S-20240903	8	o-Xylene	Sample	0.422	ug/m3	0.274	ug/m3	J,P	Y	9/3/2024	13:10	9/17/2024	11:45
SPRSPO-8-S-20240903	8	Toluene	Sample	1.93	ug/m3	0.243	ug/m3		Y	9/3/2024	13:10	9/17/2024	11:45
SPRSPO-9-S-20240903	9	Benzene	Sample	0.754	ug/m3	0.188	ug/m3		Y	9/3/2024	13:15	9/17/2024	11:50
SPRSPO-9-S-20240903	9	Ethylbenzene	Sample	0.668	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	13:15	9/17/2024	11:50
SPRSPO-9-S-20240903	9	m-/p-Xylene	Sample	1.62	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:15	9/17/2024	11:50
SPRSPO-9-S-20240903	9	o-Xylene	Sample	0.726	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:15	9/17/2024	11:50
SPRSPO-9-S-20240903	9	Toluene	Sample	2.72	ug/m3	0.243	ug/m3		Y	9/3/2024	13:15	9/17/2024	11:50
SPRSPO-10-S-20240903	10	Benzene	Sample	0.712	ug/m3	0.188	ug/m3		Y	9/3/2024	13:26	9/17/2024	11:55
SPRSPO-10-S-20240903	10	Ethylbenzene	Sample	0.4	ug/m3	0.274	ug/m3	J,Pc	Y	9/3/2024	13:26	9/17/2024	11:55
SPRSPO-10-S-20240903	10	m-/p-Xylene	Sample	0.862	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:26	9/17/2024	11:55
SPRSPO-10-S-20240903	10	o-Xylene	Sample	0.381	ug/m3	0.274	ug/m3	J,P	Y	9/3/2024	13:26	9/17/2024	11:55
SPRSPO-10-S-20240903	10	Toluene	Sample	2.13	ug/m3	0.243	ug/m3		Y	9/3/2024	13:26	9/17/2024	11:55
SPRSPO-11-S-20240903	11	Benzene	Sample	0.792	ug/m3	0.188	ug/m3		Y	9/3/2024	13:31	9/17/2024	12:00
SPRSPO-11-S-20240903	11	Ethylbenzene	Sample	0.416	ug/m3	0.274	ug/m3	J,Pc	Y	9/3/2024	13:31	9/17/2024	12:00

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
SPRSPO-11-S-20240903	11	m-/p-Xylene	Sample	0.887	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:31	9/17/2024	12:00
SPRSPO-11-S-20240903	11	o-Xylene	Sample	0.353	ug/m3	0.274	ug/m3	J,P	Y	9/3/2024	13:31	9/17/2024	12:00
SPRSPO-11-S-20240903	11	Toluene	Sample	2.16	ug/m3	0.243	ug/m3		Y	9/3/2024	13:31	9/17/2024	12:00
SPRSPO-12-S-20240903	12	Benzene	Sample	0.978	ug/m3	0.188	ug/m3		Y	9/3/2024	13:40	9/17/2024	12:10
SPRSPO-12-S-20240903	12	Ethylbenzene	Sample	0.863	ug/m3	0.274	ug/m3	Pc	Y	9/3/2024	13:40	9/17/2024	12:10
SPRSPO-12-S-20240903	12	m-/p-Xylene	Sample	1.76	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:40	9/17/2024	12:10
SPRSPO-12-S-20240903	12	o-Xylene	Sample	0.736	ug/m3	0.274	ug/m3	P	Y	9/3/2024	13:40	9/17/2024	12:10
SPRSPO-12-S-20240903	12	Toluene	Sample	3.86	ug/m3	0.243	ug/m3		Y	9/3/2024	13:40	9/17/2024	12:10
SPRSPO-13-S-20240903	13	Benzene	Sample	0.982	ug/m3	0.188	ug/m3		Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-S-20240903	13	Ethylbenzene	Sample	1	ug/m3	0.275	ug/m3	Pc	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-S-20240903	13	m-/p-Xylene	Sample	1.7	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-S-20240903	13	o-Xylene	Sample	0.755	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-S-20240903	13	Toluene	Sample	3.49	ug/m3	0.243	ug/m3		Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-D-20240903	13	Benzene	Duplicate	0.971	ug/m3	0.188	ug/m3		Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-D-20240903	13	Ethylbenzene	Duplicate	0.855	ug/m3	0.275	ug/m3	Pc	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-D-20240903	13	m-/p-Xylene	Duplicate	2.53	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-D-20240903	13	o-Xylene	Duplicate	1.14	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-D-20240903	13	Toluene	Duplicate	3.46	ug/m3	0.243	ug/m3		Y	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-B-20240903	13	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-B-20240903	13	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND,Pc	N	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-B-20240903	13	m-/p-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND,P	N	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-B-20240903	13	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND,P	N	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-13-B-20240903	13	Toluene	Blank	<0.243	ug/m3	0.243	ug/m3	ND	N	9/3/2024	13:50	9/17/2024	12:15
SPRSPO-14-S-20240903	14	Benzene	Sample	1.06	ug/m3	0.188	ug/m3		Y	9/3/2024	13:55	9/17/2024	12:20
SPRSPO-14-S-20240903	14	Ethylbenzene	Sample	0.907	ug/m3	0.275	ug/m3	Pc	Y	9/3/2024	13:55	9/17/2024	12:20
SPRSPO-14-S-20240903	14	m-/p-Xylene	Sample	1.9	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:55	9/17/2024	12:20
SPRSPO-14-S-20240903	14	o-Xylene	Sample	0.805	ug/m3	0.275	ug/m3	P	Y	9/3/2024	13:55	9/17/2024	12:20
SPRSPO-14-S-20240903	14	Toluene	Sample	3.95	ug/m3	0.243	ug/m3		Y	9/3/2024	13:55	9/17/2024	12:20
SPRSPO-15-S-20240903	15	Benzene	Sample	1.42	ug/m3	0.188	ug/m3		Y	9/3/2024	14:00	9/17/2024	12:25
SPRSPO-15-S-20240903	15	Ethylbenzene	Sample	0.994	ug/m3	0.275	ug/m3	Pc	Y	9/3/2024	14:00	9/17/2024	12:25
SPRSPO-15-S-20240903	15	m-/p-Xylene	Sample	2.3	ug/m3	0.275	ug/m3	P	Y	9/3/2024	14:00	9/17/2024	12:25

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
SPRSPO-15-S-20240903	15	o-Xylene	Sample	0.94	ug/m3	0.275	ug/m3	P	Y	9/3/2024	14:00	9/17/2024	12:25
SPRSPO-15-S-20240903	15	Toluene	Sample	5.74	ug/m3	0.243	ug/m3		Y	9/3/2024	14:00	9/17/2024	12:25
SPRSPO-16-S-20240903	16	Benzene	Sample	1.38	ug/m3	0.188	ug/m3		Y	9/3/2024	14:05	9/17/2024	12:30
SPRSPO-16-S-20240903	16	Ethylbenzene	Sample	1.26	ug/m3	0.275	ug/m3	Pc	Y	9/3/2024	14:05	9/17/2024	12:30
SPRSPO-16-S-20240903	16	m-/p-Xylene	Sample	2.52	ug/m3	0.275	ug/m3	P	Y	9/3/2024	14:05	9/17/2024	12:30
SPRSPO-16-S-20240903	16	o-Xylene	Sample	1.1	ug/m3	0.275	ug/m3	P	Y	9/3/2024	14:05	9/17/2024	12:30
SPRSPO-16-S-20240903	16	Toluene	Sample	5.74	ug/m3	0.243	ug/m3		Y	9/3/2024	14:05	9/17/2024	12:30

FLM DATA FLAG ABBREVIATIONS - EPA METHOD 325B	
FLAG	**EXPLANATION**
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
Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

MISSING/INVALID ANALYTICAL DATA	
DATE RANGE	**EXPLANATION**
8/20/24 (14:00) to 9/3/24 (12:00)	Samples lost in transit between field and analytical laboratory.

Note: Meteorological data flagged ND was not available from the airport. Missing data can be due to instrument maintenance, instrument malfunction, data transmission issues, or other factors resulting in missing data.

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
9/3/24 13:00	3.2	282	21.1	1021
9/3/24 14:00	2.9	262	21.6	1021
9/3/24 15:00	3.5	244	21.7	1021
9/3/24 16:00	4.2	170	20.7	1021
9/3/24 17:00	3.4	153	20.5	1021
9/3/24 18:00	3.3	257	20.8	1021
9/3/24 19:00	2.0	222	18.5	1022
9/3/24 20:00	1.4	202	16.8	1023
9/3/24 21:00	1.3	148	15.2	1023
9/3/24 22:00	1.3	194	13.5	1024
9/3/24 23:00	0.9	143	12.8	1024
9/4/24 0:00	0.2	30	12.2	1024
9/4/24 1:00	0.6	100	11.9	1025
9/4/24 2:00	1.1	170	11.3	1025
9/4/24 3:00	0.7	109	10.9	1025
9/4/24 4:00	1.0	169	11.0	1025
9/4/24 5:00	0.7	108	10.7	1026
9/4/24 6:00	1.7	222	11.2	1026
9/4/24 7:00	1.7	253	13.5	1027
9/4/24 8:00	2.1	273	16.9	1028
9/4/24 9:00	1.4	219	19.9	1028
9/4/24 10:00	1.9	250	22.5	1028
9/4/24 11:00	1.5	206	24.2	1028
9/4/24 12:00	1.7	139	25.2	1027
9/4/24 13:00	4.2	182	24.8	1027
9/4/24 14:00	4.8	168	24.4	1027
9/4/24 15:00	4.6	174	24.0	1027
9/4/24 16:00	5.1	181	23.7	1027
9/4/24 17:00	4.6	180	22.5	1027
9/4/24 18:00	3.6	183	21.2	1027
9/4/24 19:00	2.7	192	19.3	1027
9/4/24 20:00	2.4	202	18.4	1027
9/4/24 21:00	1.9	211	18.0	1027
9/4/24 22:00	0.8	115	17.2	1027
9/4/24 23:00	ND	ND	15.8	1027
9/5/24 0:00	ND	ND	14.2	1027
9/5/24 1:00	ND	ND	13.2	1027
9/5/24 2:00	0.2	28	12.7	1027
9/5/24 3:00	ND	ND	12.3	1027
9/5/24 4:00	ND	ND	12.0	1027
9/5/24 5:00	1.0	159	11.8	1027
9/5/24 6:00	ND	ND	12.1	1028
9/5/24 7:00	0.5	71	14.9	1028

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/5/24 8:00	2.5	224	17.3	1028
9/5/24 9:00	1.4	174	20.1	1028
9/5/24 10:00	1.7	162	22.1	1027
9/5/24 11:00	1.8	126	23.7	1027
9/5/24 12:00	4.9	167	23.3	1026
9/5/24 13:00	5.8	172	22.5	1026
9/5/24 14:00	6.2	188	22.1	1026
9/5/24 15:00	5.0	184	21.9	1026
9/5/24 16:00	4.5	183	21.1	1026
9/5/24 17:00	4.7	169	19.8	1025
9/5/24 18:00	3.4	180	18.5	1025
9/5/24 19:00	2.0	178	17.2	1025
9/5/24 20:00	2.0	158	15.6	1025
9/5/24 21:00	0.8	63	15.1	1025
9/5/24 22:00	ND	ND	14.0	1024
9/5/24 23:00	ND	ND	13.1	1024
9/6/24 0:00	ND	ND	12.7	1024
9/6/24 1:00	0.4	57	11.9	1023
9/6/24 2:00	1.7	289	12.2	1022
9/6/24 3:00	1.2	238	13.0	1022
9/6/24 4:00	2.0	349	12.6	1022
9/6/24 5:00	1.9	351	12.3	1022
9/6/24 6:00	0.9	209	13.0	1022
9/6/24 7:00	1.6	350	14.0	1022
9/6/24 8:00	2.1	48	16.6	1021
9/6/24 9:00	3.2	66	17.0	1021
9/6/24 10:00	3.2	67	17.0	1021
9/6/24 11:00	3.5	65	17.4	1020
9/6/24 12:00	3.0	79	17.6	1019
9/6/24 13:00	3.1	98	18.7	1019
9/6/24 14:00	3.7	98	19.2	1019
9/6/24 15:00	3.9	90	18.8	1018
9/6/24 16:00	4.1	88	18.8	1018
9/6/24 17:00	3.6	89	18.4	1017
9/6/24 18:00	2.8	89	17.3	1017
9/6/24 19:00	3.0	75	16.3	1016
9/6/24 20:00	1.7	32	16.0	1016
9/6/24 21:00	1.9	46	16.0	1016
9/6/24 22:00	2.0	231	16.4	1015
9/6/24 23:00	2.2	282	15.7	1014
9/7/24 0:00	0.3	67	14.9	1014
9/7/24 1:00	1.9	328	14.3	1013
9/7/24 2:00	1.6	283	13.2	1012
9/7/24 3:00	2.1	293	12.8	1012
9/7/24 4:00	1.5	180	12.5	1011
9/7/24 5:00	0.9	161	12.7	1011

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/7/24 6:00	1.2	145	13.1	1010
9/7/24 7:00	3.3	328	15.5	1010
9/7/24 8:00	3.6	312	17.8	1010
9/7/24 9:00	4.2	318	19.4	1009
9/7/24 10:00	3.8	214	21.5	1009
9/7/24 11:00	3.0	158	22.1	1008
9/7/24 12:00	2.4	78	22.8	1008
9/7/24 13:00	1.1	108	23.0	1007
9/7/24 14:00	2.6	70	22.6	1006
9/7/24 15:00	2.7	133	22.0	1005
9/7/24 16:00	3.9	181	21.2	1005
9/7/24 17:00	3.8	155	20.9	1005
9/7/24 18:00	3.8	175	18.8	1005
9/7/24 19:00	3.6	181	18.0	1005
9/7/24 20:00	3.0	186	18.0	1005
9/7/24 21:00	3.0	185	18.0	1004
9/7/24 22:00	4.8	233	17.0	1005
9/7/24 23:00	3.8	258	15.3	1005
9/8/24 0:00	1.5	140	14.3	1004
9/8/24 1:00	3.6	246	14.1	1005
9/8/24 2:00	2.8	249	13.9	1005
9/8/24 3:00	2.7	246	13.0	1005
9/8/24 4:00	3.2	235	12.7	1006
9/8/24 5:00	2.4	232	12.0	1006
9/8/24 6:00	2.3	247	12.0	1006
9/8/24 7:00	4.0	247	12.9	1007
9/8/24 8:00	5.3	264	14.5	1007
9/8/24 9:00	6.5	274	16.2	1007
9/8/24 10:00	7.0	261	17.2	1008
9/8/24 11:00	7.4	268	18.0	1008
9/8/24 12:00	7.0	267	18.6	1007
9/8/24 13:00	7.4	270	19.0	1007
9/8/24 14:00	7.3	267	19.1	1008
9/8/24 15:00	6.5	262	19.1	1008
9/8/24 16:00	6.0	261	18.7	1008
9/8/24 17:00	6.4	265	18.0	1008
9/8/24 18:00	4.9	254	17.3	1008
9/8/24 19:00	ND	ND	ND	ND
9/8/24 20:00	ND	ND	ND	ND
9/8/24 21:00	3.6	245	13.8	1010
9/8/24 22:00	2.6	217	12.5	1010
9/8/24 23:00	3.2	209	12.0	1010
9/9/24 0:00	3.8	218	12.0	1010
9/9/24 1:00	3.3	223	11.9	1011
9/9/24 2:00	3.6	223	11.0	1011
9/9/24 3:00	3.5	231	11.0	1011

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/9/24 4:00	3.7	229	11.0	1011
9/9/24 5:00	1.2	117	9.4	1011
9/9/24 6:00	1.3	157	9.1	1012
9/9/24 7:00	1.2	152	10.9	1012
9/9/24 8:00	3.6	239	13.5	1013
9/9/24 9:00	3.8	240	16.0	1012
9/9/24 10:00	4.7	254	18.1	1012
9/9/24 11:00	5.5	262	19.7	1012
9/9/24 12:00	5.2	274	21.0	1011
9/9/24 13:00	4.9	272	22.0	1011
9/9/24 14:00	5.2	264	22.6	1011
9/9/24 15:00	6.0	284	23.0	1010
9/9/24 16:00	5.4	260	22.3	1010
9/9/24 17:00	4.2	250	21.7	1011
9/9/24 18:00	2.4	248	20.7	1011
9/9/24 19:00	1.7	210	18.9	1011
9/9/24 20:00	2.2	238	18.4	1011
9/9/24 21:00	2.6	243	17.3	1011
9/9/24 22:00	2.0	261	8.5	1012
9/9/24 23:00	0.4	46	14.6	1012
9/10/24 0:00	2.0	217	15.6	1012
9/10/24 1:00	1.9	243	15.4	1012
9/10/24 2:00	1.7	219	14.9	1012
9/10/24 3:00	0.3	49	14.6	1012
9/10/24 4:00	1.1	174	13.7	1012
9/10/24 5:00	2.3	274	13.0	1012
9/10/24 6:00	0.6	112	12.9	1013
9/10/24 7:00	1.9	265	14.4	1013
9/10/24 8:00	1.6	227	17.3	1013
9/10/24 9:00	1.9	193	18.7	1013
9/10/24 10:00	4.1	293	20.5	1014
9/10/24 11:00	4.9	306	20.8	1014
9/10/24 12:00	4.9	303	21.2	1014
9/10/24 13:00	5.5	297	21.2	1013
9/10/24 14:00	4.7	319	21.0	1013
9/10/24 15:00	3.6	327	20.8	1013
9/10/24 16:00	2.3	310	20.9	1013
9/10/24 17:00	2.2	233	20.5	1014
9/10/24 18:00	2.1	144	17.7	1014
9/10/24 19:00	2.0	169	15.3	1015
9/10/24 20:00	1.5	171	14.6	1016
9/10/24 21:00	1.0	99	13.2	1016
9/10/24 22:00	1.9	274	11.7	1017
9/10/24 23:00	0.8	96	11.0	1017
9/11/24 0:00	0.2	25	10.1	1017
9/11/24 1:00	1.7	198	8.9	1017

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/11/24 2:00	0.5	83	9.1	1017
9/11/24 3:00	1.0	150	7.9	1018
9/11/24 4:00	1.3	194	7.5	1018
9/11/24 5:00	1.3	194	7.1	1019
9/11/24 6:00	1.6	217	8.3	1019
9/11/24 7:00	2.3	273	10.4	1020
9/11/24 8:00	2.1	271	13.3	1020
9/11/24 9:00	2.3	278	17.3	1020
9/11/24 10:00	3.4	253	20.6	1020
9/11/24 11:00	3.8	231	22.0	1020
9/11/24 12:00	3.2	210	23.2	1019
9/11/24 13:00	4.3	176	23.3	1019
9/11/24 14:00	4.7	181	23.3	1019
9/11/24 15:00	4.7	175	22.9	1018
9/11/24 16:00	5.2	179	21.5	1018
9/11/24 17:00	4.5	181	19.8	1018
9/11/24 18:00	3.6	183	18.4	1019
9/11/24 19:00	2.6	197	17.2	1019
9/11/24 20:00	2.2	209	17.0	1020
9/11/24 21:00	1.4	204	16.2	1020
9/11/24 22:00	1.3	194	15.1	1020
9/11/24 23:00	0.3	47	13.8	1020
9/12/24 0:00	0.6	97	12.8	1020
9/12/24 1:00	0.5	74	11.6	1020
9/12/24 2:00	0.4	57	10.9	1020
9/12/24 3:00	0.5	66	10.7	1020
9/12/24 4:00	ND	ND	10.3	1020
9/12/24 5:00	ND	ND	9.0	1021
9/12/24 6:00	0.6	111	8.9	1021
9/12/24 7:00	0.7	112	11.8	1021
9/12/24 8:00	ND	ND	15.5	1022
9/12/24 9:00	ND	ND	17.8	1022
9/12/24 10:00	0.2	4	20.6	1022
9/12/24 11:00	1.6	85	22.5	1022
9/12/24 12:00	3.9	142	22.3	1021
9/12/24 13:00	3.6	177	22.0	1021
9/12/24 14:00	3.9	179	22.5	1021
9/12/24 15:00	3.8	161	22.5	1021
9/12/24 16:00	3.9	164	22.1	1020
9/12/24 17:00	3.5	173	20.9	1020
9/12/24 18:00	2.6	177	19.4	1021
9/12/24 19:00	1.5	156	18.2	1021
9/12/24 20:00	1.6	169	18.0	1021
9/12/24 21:00	ND	ND	18.0	1021
9/12/24 22:00	ND	ND	16.7	1021
9/12/24 23:00	ND	ND	15.8	1021

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/13/24 0:00	ND	ND	15.2	1021
9/13/24 1:00	ND	ND	14.0	1021
9/13/24 2:00	1.5	231	13.3	1021
9/13/24 3:00	0.8	140	13.3	1021
9/13/24 4:00	0.3	57	12.9	1021
9/13/24 5:00	0.6	105	13.0	1021
9/13/24 6:00	0.2	29	12.9	1021
9/13/24 7:00	1.5	256	14.2	1021
9/13/24 8:00	0.6	115	17.9	1021
9/13/24 9:00	0.2	3	20.4	1021
9/13/24 10:00	1.0	55	22.4	1021
9/13/24 11:00	2.2	84	23.7	1021
9/13/24 12:00	2.6	93	25.0	1021
9/13/24 13:00	2.2	98	26.3	1020
9/13/24 14:00	3.3	87	27.0	1019
9/13/24 15:00	2.3	125	25.7	1019
9/13/24 16:00	3.2	168	24.0	1019
9/13/24 17:00	2.3	160	23.3	1020
9/13/24 18:00	1.0	92	21.1	1020
9/13/24 19:00	ND	ND	19.2	1020
9/13/24 20:00	ND	ND	18.0	1020
9/13/24 21:00	ND	ND	17.0	1021
9/13/24 22:00	ND	ND	16.8	1021
9/13/24 23:00	0.5	85	16.6	1021
9/14/24 0:00	1.7	251	16.8	1021
9/14/24 1:00	1.0	166	17.0	1021
9/14/24 2:00	1.6	273	16.0	1021
9/14/24 3:00	1.2	223	16.1	1021
9/14/24 4:00	0.5	86	16.0	1021
9/14/24 5:00	ND	ND	15.7	1021
9/14/24 6:00	0.2	34	15.7	1021
9/14/24 7:00	1.1	142	17.5	1022
9/14/24 8:00	4.0	19	20.9	1023
9/14/24 9:00	4.0	39	22.3	1023
9/14/24 10:00	3.5	62	23.0	1023
9/14/24 11:00	3.3	70	23.4	1024
9/14/24 12:00	3.4	108	23.7	1024
9/14/24 13:00	4.2	121	23.1	1023
9/14/24 14:00	3.8	120	22.7	1023
9/14/24 15:00	4.2	106	21.3	1023
9/14/24 16:00	3.4	111	20.7	1023
9/14/24 17:00	3.2	118	19.1	1023
9/14/24 18:00	1.4	102	18.1	1023
9/14/24 19:00	0.9	87	16.8	1024
9/14/24 20:00	ND	ND	16.0	1024
9/14/24 21:00	0.5	83	15.9	1024

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

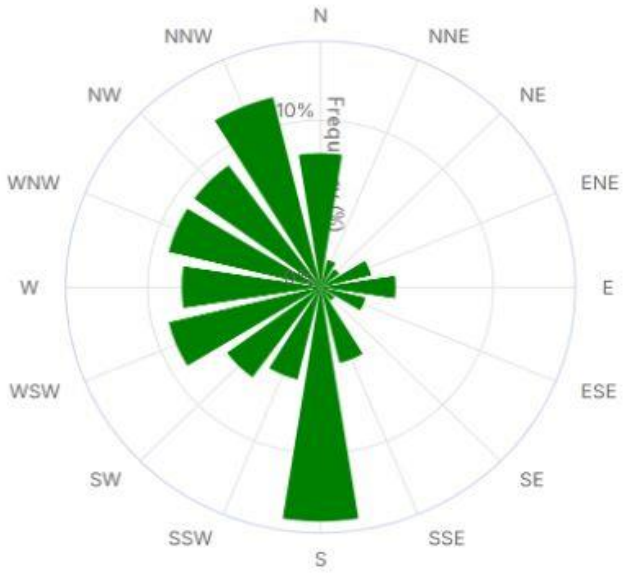
9/14/24 22:00	0.5	83	15.2	1025
9/14/24 23:00	ND	ND	14.0	1025
9/15/24 0:00	ND	ND	13.4	1025
9/15/24 1:00	ND	ND	13.1	1025
9/15/24 2:00	ND	ND	12.9	1025
9/15/24 3:00	ND	ND	12.2	1025
9/15/24 4:00	ND	ND	11.8	1025
9/15/24 5:00	ND	ND	11.5	1025
9/15/24 6:00	0.6	120	11.4	1026
9/15/24 7:00	0.2	30	12.3	1026
9/15/24 8:00	0.9	169	14.9	1027
9/15/24 9:00	1.9	211	18.8	1026
9/15/24 10:00	1.3	156	22.0	1026
9/15/24 11:00	2.7	240	23.5	1026
9/15/24 12:00	3.5	171	23.9	1026
9/15/24 13:00	4.3	166	23.9	1025
9/15/24 14:00	5.1	171	23.0	1025
9/15/24 15:00	4.9	176	22.5	1025
9/15/24 16:00	5.0	177	21.9	1025
9/15/24 17:00	4.7	188	20.6	1025
9/15/24 18:00	3.6	188	18.9	1025
9/15/24 19:00	2.3	195	17.9	1025
9/15/24 20:00	1.7	198	17.1	1025
9/15/24 21:00	2.0	209	16.9	1025
9/15/24 22:00	1.3	163	16.0	1025
9/15/24 23:00	1.5	212	15.9	1025
9/16/24 0:00	1.9	223	15.5	1025
9/16/24 1:00	2.0	224	15.0	1025
9/16/24 2:00	1.7	200	14.0	1024
9/16/24 3:00	0.8	112	13.4	1024
9/16/24 4:00	0.5	76	12.5	1024
9/16/24 5:00	0.8	118	12.0	1024
9/16/24 6:00	0.3	56	11.6	1025
9/16/24 7:00	0.5	72	13.3	1025
9/16/24 8:00	ND	ND	16.1	1025
9/16/24 9:00	0.2	19	19.6	1025
9/16/24 10:00	1.9	160	21.9	1025
9/16/24 11:00	2.6	181	23.7	1024
9/16/24 12:00	3.9	165	23.8	1024
9/16/24 13:00	4.6	159	23.9	1023
9/16/24 14:00	4.8	170	24.0	1022
9/16/24 15:00	4.3	162	23.3	1022
9/16/24 16:00	4.7	176	22.7	1022
9/16/24 17:00	3.6	178	21.5	1021
9/16/24 18:00	2.7	192	19.8	1022
9/16/24 19:00	2.6	195	18.3	1022

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/3/24 13:00 to 9/17/24 11:00)

9/16/24 20:00	2.9	196	18.0	1022
9/16/24 21:00	2.4	210	17.7	1022
9/16/24 22:00	0.7	88	16.9	1022
9/16/24 23:00	0.3	45	15.6	1022
9/17/24 0:00	ND	ND	13.7	1022
9/17/24 1:00	ND	ND	12.9	1021
9/17/24 2:00	0.2	21	12.7	1021
9/17/24 3:00	0.9	136	12.6	1021
9/17/24 4:00	0.6	103	12.1	1021
9/17/24 5:00	0.7	96	11.9	1021
9/17/24 6:00	0.3	61	11.8	1021
9/17/24 7:00	0.5	78	13.8	1021
9/17/24 8:00	1.4	217	17.8	1021
9/17/24 9:00	0.7	107	21.8	1021
9/17/24 10:00	0.3	35	24.0	1021
9/17/24 11:00	1.6	69	27.0	1021

PWM Wind Rose 9/3/24 13:00 - 9/17/24 11:00



SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 2,392 m
Terminal Fenceline Area = 46.6 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 199.3 m (± 26.3 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 1	BTEX	43.637950°	-70.285460°	to Site 16: 218.8 to Site 2: 202.7	Site 1 is on the southern terminal fenceline, near the main entrance to the terminal and approximately 43 m NW of Main St. The northern boundary of the South Portland LLC Terminal lies approximately 60 m to the South of Site 1.
Site 2	BTEX	43.639290°	-70.284476°	to Site 1: 181.3 to Site 3: 202.7	Site 2 is located on the fenceline at the southeastern corner of the terminal, approximately 37 m from the shoreline of the Fore River.
Site 3	BTEX	43.640276°	-70.284490°	to Site 2: 180.8 to Site 4: 199.0	Site 3 is adjacent to a dock area. To allow safe access, it is located 3.7 m from the shoreline of the Fore River.
Site 4	BTEX	43.640989°	-70.285184°	to Site 3: 109.6 to Site 5: 89.4	Site 4 is an additional site and is located halfway between 3 & 5 due to a licensed emission unit (Truck Offloading Area) that is located between Sites 3 and 5 and is <50 m from the terminal fenceline. Site 4 is located within 2.6 m of the Fore River shore and is adjacent to one of the three terminal docks. Site 4 is approximately 35 m southeast of a second terminal dock. (Site 3 is adjacent to the third terminal dock.)
Site 5	BTEX	43.641558°	-70.285786°	to Site 4: 199.0 to Site 6: 199.6	Site 5 is situated 10 m inland from the Fore River shoreline for safe access. Site 3 is 80.6 m North of the dock area, 50 m south of railroad tracks. The Veterans Memorial Bridge is located 86 m to the NW and North of Site 5.
Site 6	BTEX	43.641583°	-70.287779°	to Site 5: 199.6 to Site 7: 180.0	Site 6 is located at the northern fenceline of the terminal. Site 6 is situated 4 m south of railroad tracks and 21 m south of the west approach ramp of the Veterans Memorial Bridge.
Site 7	BTEX	43.640745°	-70.289139°	to Site 6: 180.0 to Site 8: 219.3	Site 7 is on the Northern fenceline. Two licensed emission units (Tanks 5 and 7) are located 35 m and 25 m to the SE and SW of Site 7, respectively. Railroad tracks are located 10 m to the North of Site 7. The western approach ramp of the Veterans Memorial Bridge is located 50 m to the North of Site 7.

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 2,392 m
Terminal Fenceline Area = 46.6 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 199.3 m (± 26.3 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 8	BTEX	43.639781°	-70.290884°	to Site 7: 219.3 to Site 9: 207.8	Site 8 is on the western fenceline. The terminal area immediately to the NE of Site 8 has trees and dense vegetation. Railroad tracks are located 50 m to the North and NW of Site 8. The western approach ramp of the Veterans Memorial Bridge is located 75 m to the North and NW of Site 8. Two businesses with fleets of heavy construction vehicles (cranes, concrete trucks) are located immediately to the SW of Site 8.
Site 9	BTEX	43.638338°	-70.290283°	to Site 8: 207.8 to Site 10: 199.8	Site 9 is on the fenceline. Emissions Unit Tank 13 is located 24 m south of Site 9. A Truck Offloading Emissions Unit is located 65m west of Site 9.
Site 10	BTEX	43.637879°	-70.291297°	to Site 9: 99.8 to Site 11: 99.8	Site 10 is an additional site and is located halfway between 9 & 11 due to licensed emission unit Tank 14 located <50 m from fenceline. Site 10 is situated on the fenceline.
Site 11	BTEX	43.637296°	-70.291508°	to Site 10: 199.8 to Site 12: 185.8	Site 11 is on the terminal southwestern fenceline. Licensed Emissions Unit Tank 14 is located 30m NE of Site 8. US Highway Rt. 1 is located 16m SW of Site 11.
Site 12	BTEX	43.636804°	-70.290017°	to Site 11: 185.8 to Site 13: 199.1	Site 12 is on the terminal southwestern fenceline. Licensed Emissions Unit Tank 105 is located 33 m North of Site 12. Two businesses with fleets of construction vehicles and tractor-trailer trucks are located immediately to the South of Site 12. US Highway Rt. 1 is located 70 m SW of Site 12.
Site13	BTEX	43.637474°	-70.289678°	to Site 12: 93.0 to Site 14: 106.1	Site 13 is an additional site and is located halfway between 12 & 14 due to licensed emission unit Tank 105 located <50 m from fenceline. Site 13 is situated on the fenceline.
Site14	BTEX	43.637696°	-70.289076°	to Site 13: 199.1 to Site 15: 199.5	Site 14 is on the southern terminal fenceline adjacent to Lincoln St. Licensed Emissions Unit Tank 112 is located 33 m North of Site 14.

SPRAGUE SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 2,392 m
Terminal Fenceline Area = 46.6 Acres

Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 199.3 m (± 26.3 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site15	BTEX	43.637229°	-70.288012°	to Site 14: 107.4 to Site 16: 91.7	Site 15 is an additional site and is located halfway between 14 & 16 due to licensed emission unit (Truck Offloading Area) located between Sites 14 and 16 and <50 m from fenceline. Site 15 is situated on the fenceline.
Site16	BTEX	43.637133°	-70.286826°	to Site 105: 199.5 to Site 1: 218.8	Site 16 is on the southern terminal fenceline adjacent to the intersection of Lincoln and Jackson. Streets. Licensed Emissions Unit Tank 101 is located 7 m to the north of Site 16.

Aerial View of the Sprague South Portland Terminal Fenceline Sampling Locations

APPENDIX A – LAB RESULTS

Sprague - South Portland

39 Main St.
South Portland, ME 04106

Sampling Event 3

PROJ-027968

Analytical Report
(2024GA303)

EPA Method 325B

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

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

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.

QA Review Performed by

Report Issued: 10/23/2024

ENTHALPY ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA303-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

Summary

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
SPRSPO-1-S-20240820			Z		Z		Z		Z		Z
SPRSPO-2-S-20240820			Z		Z		Z		Z		Z
SPRSPO-3-S-20240820			Z		Z		Z		Z		Z
SPRSPO-4-S-20240820			Z		Z		Z		Z		Z
SPRSPO-5-S-20240820			Z		Z		Z		Z		Z
SPRSPO-5-D-20240820			Z		Z		Z		Z		Z
SPRSPO-5-B-20240820			Z		Z		Z		Z		Z
SPRSPO-6-S-20240820			Z		Z		Z		Z		Z
SPRSPO-7-S-20240820			Z		Z		Z		Z		Z
SPRSPO-8-S-20240820			Z		Z		Z		Z		Z
SPRSPO-9-S-20240820			Z		Z		Z		Z		Z
SPRSPO-10-S-20240820			Z		Z		Z		Z		Z
SPRSPO-11-S-20240820			Z		Z		Z		Z		Z
SPRSPO-12-S-20240820			Z		Z		Z		Z		Z
SPRSPO-13-S-20240820			Z		Z		Z		Z		Z
SPRSPO-13-D-20240820			Z		Z		Z		Z		Z
SPRSPO-13-B-20240820			Z		Z		Z		Z		Z
SPRSPO-14-S-20240820			Z		Z		Z		Z		Z
SPRSPO-15-S-20240820			Z		Z		Z		Z		Z
SPRSPO-16-S-20240820			Z		Z		Z		Z		Z

Z: Sample was not analyzed. See the report narrative for details.

Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Sprague - South Portland
Project	PROJ-027968
Report #	2024GA303

Custody	The tubes for the sampling period of August 20, 2024 through September 3, 2024 were lost after being retrieved from the field. All samples have been reported with null values and flagged "Z" to denote this occurrence.

This Is The Last Page Of This Report.

Sprague - South Portland

39 Main St.
South Portland, ME 04106

Sampling Event 4

PROJ-027968

Analytical Report
(2024GA304)

EPA Method 325B

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

Report Submitted By:
Montrose Air Quality Services LLC – Pine Brook, NJ

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.

QA Review Performed by
Eneko Etxauri Otegi
QA Associate I

Report Issued: 10/01/2024

ENTHALPY
ANALYTICAL

Summary of Results

ENTHALPY
ANALYTICAL

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene	Flag	m-/p-Xylene (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
SPRSPO-1-S-20240903	B16978	2.19		2.63	Pc	5.90	P	2.18	P	14.8	
SPRSPO-2-S-20240903	B43008	1.47		1.26	Pc	2.81	P	1.14	P	7.00	
SPRSPO-3-S-20240903	C20522	1.59		1.37	Pc	3.43	P	1.48	P	6.97	
SPRSPO-4-S-20240903	B42524	1.59		1.78	Pc	3.36	P	1.37	P	7.82	
SPRSPO-5-S-20240903	B43421	1.01		0.704	Pc	1.47	P	0.562	P	4.54	
SPRSPO-5-D-20240903	B49497	1.04		1.04	Pc	1.93	P	0.850	P	5.22	
SPRSPO-5-B-20240903	B28166		ND		ND,Pc		ND,P		ND,P		ND
SPRSPO-6-S-20240903	B19353	0.831		0.390	J,Pc	0.863	P	0.353	J,P	2.85	
SPRSPO-7-S-20240903	C39138	0.750		0.586	Pc	1.51	P	0.707	P	3.24	
SPRSPO-8-S-20240903	C34159	0.680		0.345	J,Pc	1.00	P	0.422	J,P	1.93	
SPRSPO-9-S-20240903	B35504	0.754		0.668	Pc	1.62	P	0.726	P	2.72	
SPRSPO-10-S-20240903	B40220	0.712		0.400	J,Pc	0.862	P	0.381	J,P	2.13	
SPRSPO-11-S-20240903	B27901	0.792		0.416	J,Pc	0.887	P	0.353	J,P	2.16	
SPRSPO-12-S-20240903	B34574	0.978		0.863	Pc	1.76	P	0.736	P	3.86	
SPRSPO-13-S-20240903	C16075	0.982		1.00	Pc	1.70	P	0.755	P	3.49	
SPRSPO-13-D-20240903	C34189	0.971		0.855	Pc	2.53	P	1.14	P	3.46	
SPRSPO-13-B-20240903	C39242		ND		ND,Pc		ND,P		ND,P		ND
SPRSPO-14-S-20240903	C16079	1.06		0.907	Pc	1.90	P	0.805	P	3.95	
SPRSPO-15-S-20240903	B31142	1.42		0.994	Pc	2.30	P	0.940	P	5.74	
SPRSPO-16-S-20240903	B20244	1.38		1.26	Pc	2.52	P	1.10	P	5.74	

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

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

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

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
SPRSPO-1-S-20240903	B16978	2.19	0.685	29.0	62.8	0.661	20,080	0.188	0.375	0.0590	0.118	
SPRSPO-2-S-20240903	B43008	1.47	0.459	19.5	62.8	0.661	20,080	0.188	0.375	0.0590	0.118	
SPRSPO-3-S-20240903	C20522	1.59	0.499	21.1	62.8	0.661	20,081	0.188	0.375	0.0590	0.118	
SPRSPO-4-S-20240903	B42524	1.59	0.497	21.1	62.8	0.661	20,078	0.188	0.376	0.0590	0.118	
SPRSPO-5-S-20240903	B43421	1.01	0.318	13.5	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-5-D-20240903	B49497	1.04	0.327	13.8	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-5-B-20240903	B28166				62.8	0.661	20,075	0.188	0.376	0.0590	0.118	ND
SPRSPO-6-S-20240903	B19353	0.831	0.260	11.0	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-7-S-20240903	C39138	0.750	0.235	9.96	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-8-S-20240903	C34159	0.680	0.213	9.02	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-9-S-20240903	B35504	0.754	0.236	10.0	62.8	0.661	20,075	0.188	0.376	0.0590	0.118	
SPRSPO-10-S-20240903	B40220	0.712	0.223	9.44	62.8	0.661	20,069	0.188	0.376	0.0590	0.118	
SPRSPO-11-S-20240903	B27901	0.792	0.248	10.5	62.8	0.661	20,069	0.188	0.376	0.0590	0.118	
SPRSPO-12-S-20240903	B34574	0.978	0.306	13.0	62.8	0.661	20,070	0.188	0.376	0.0590	0.118	
SPRSPO-13-S-20240903	C16075	0.982	0.307	13.0	62.8	0.661	20,065	0.188	0.376	0.0590	0.118	
SPRSPO-13-D-20240903	C34189	0.971	0.304	12.9	62.8	0.661	20,065	0.188	0.376	0.0590	0.118	
SPRSPO-13-B-20240903	C39242				62.8	0.661	20,065	0.188	0.376	0.0590	0.118	ND
SPRSPO-14-S-20240903	C16079	1.06	0.331	14.0	62.8	0.661	20,065	0.188	0.376	0.0590	0.118	
SPRSPO-15-S-20240903	B31142	1.42	0.446	18.9	62.8	0.661	20,065	0.188	0.376	0.0590	0.118	
SPRSPO-16-S-20240903	B20244	1.38	0.431	18.3	62.8	0.661	20,065	0.188	0.376	0.0590	0.118	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

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
SPRSPO-1-S-20240903	B16978	2.63	0.607	24.0	62.8	0.454	20,080	0.274	0.568	0.0632	0.131	Pc
SPRSPO-2-S-20240903	B43008	1.26	0.291	11.5	62.8	0.454	20,080	0.274	0.568	0.0632	0.131	Pc
SPRSPO-3-S-20240903	C20522	1.37	0.315	12.4	62.8	0.454	20,081	0.274	0.568	0.0632	0.131	Pc
SPRSPO-4-S-20240903	B42524	1.78	0.411	16.2	62.8	0.454	20,078	0.274	0.568	0.0632	0.131	Pc
SPRSPO-5-S-20240903	B43421	0.704	0.162	6.42	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	Pc
SPRSPO-5-D-20240903	B49497	1.04	0.239	9.45	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	Pc
SPRSPO-5-B-20240903	B28166				62.8	0.454	20,075	0.274	0.569	0.0632	0.131	ND,Pc
SPRSPO-6-S-20240903	B19353	0.390	0.0900	3.56	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	J,Pc
SPRSPO-7-S-20240903	C39138	0.586	0.135	5.34	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	Pc
SPRSPO-8-S-20240903	C34159	0.345	0.0794	3.14	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	J,Pc
SPRSPO-9-S-20240903	B35504	0.668	0.154	6.08	62.8	0.454	20,075	0.274	0.569	0.0632	0.131	Pc
SPRSPO-10-S-20240903	B40220	0.400	0.0921	3.64	62.8	0.454	20,069	0.274	0.569	0.0632	0.131	J,Pc
SPRSPO-11-S-20240903	B27901	0.416	0.0958	3.79	62.8	0.454	20,069	0.274	0.569	0.0632	0.131	J,Pc
SPRSPO-12-S-20240903	B34574	0.863	0.199	7.86	62.8	0.454	20,070	0.274	0.569	0.0632	0.131	Pc
SPRSPO-13-S-20240903	C16075	1.00	0.231	9.13	62.8	0.454	20,065	0.275	0.569	0.0633	0.131	Pc
SPRSPO-13-D-20240903	C34189	0.855	0.197	7.79	62.8	0.454	20,065	0.275	0.569	0.0633	0.131	Pc
SPRSPO-13-B-20240903	C39242				62.8	0.454	20,065	0.275	0.569	0.0633	0.131	ND,Pc
SPRSPO-14-S-20240903	C16079	0.907	0.209	8.26	62.8	0.454	20,065	0.275	0.569	0.0633	0.131	Pc
SPRSPO-15-S-20240903	B31142	0.994	0.229	9.06	62.8	0.454	20,065	0.275	0.569	0.0633	0.131	Pc
SPRSPO-16-S-20240903	B20244	1.26	0.291	11.5	62.8	0.454	20,065	0.275	0.569	0.0633	0.131	Pc

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

m-/p-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
SPRSPO-1-S-20240903	B16978	5.90	1.36	53.8	62.8	0.454	20,080	0.274	0.537	0.0632	0.124	P
SPRSPO-2-S-20240903	B43008	2.81	0.647	25.6	62.8	0.454	20,080	0.274	0.537	0.0632	0.124	P
SPRSPO-3-S-20240903	C20522	3.43	0.790	31.2	62.8	0.454	20,081	0.274	0.537	0.0632	0.124	P
SPRSPO-4-S-20240903	B42524	3.36	0.775	30.6	62.8	0.454	20,078	0.274	0.537	0.0632	0.124	P
SPRSPO-5-S-20240903	B43421	1.47	0.338	13.3	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-5-D-20240903	B49497	1.93	0.445	17.6	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-5-B-20240903	B28166				62.8	0.454	20,075	0.274	0.537	0.0632	0.124	ND,P
SPRSPO-6-S-20240903	B19353	0.863	0.199	7.86	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-7-S-20240903	C39138	1.51	0.348	13.8	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-8-S-20240903	C34159	1.00	0.230	9.11	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-9-S-20240903	B35504	1.62	0.372	14.7	62.8	0.454	20,075	0.274	0.537	0.0632	0.124	P
SPRSPO-10-S-20240903	B40220	0.862	0.199	7.85	62.8	0.454	20,069	0.274	0.537	0.0632	0.124	P
SPRSPO-11-S-20240903	B27901	0.887	0.204	8.08	62.8	0.454	20,069	0.274	0.537	0.0632	0.124	P
SPRSPO-12-S-20240903	B34574	1.76	0.405	16.0	62.8	0.454	20,070	0.274	0.537	0.0632	0.124	P
SPRSPO-13-S-20240903	C16075	1.70	0.392	15.5	62.8	0.454	20,065	0.275	0.537	0.0633	0.124	P
SPRSPO-13-D-20240903	C34189	2.53	0.582	23.0	62.8	0.454	20,065	0.275	0.537	0.0633	0.124	P
SPRSPO-13-B-20240903	C39242				62.8	0.454	20,065	0.275	0.537	0.0633	0.124	ND,P
SPRSPO-14-S-20240903	C16079	1.90	0.439	17.3	62.8	0.454	20,065	0.275	0.537	0.0633	0.124	P
SPRSPO-15-S-20240903	B31142	2.30	0.531	21.0	62.8	0.454	20,065	0.275	0.537	0.0633	0.124	P
SPRSPO-16-S-20240903	B20244	2.52	0.582	23.0	62.8	0.454	20,065	0.275	0.537	0.0633	0.124	P

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

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
SPRSPO-1-S-20240903	B16978	2.18	0.503	19.9	62.8	0.454	20,080	0.274	0.560	0.0632	0.129	P
SPRSPO-2-S-20240903	B43008	1.14	0.263	10.4	62.8	0.454	20,080	0.274	0.560	0.0632	0.129	P
SPRSPO-3-S-20240903	C20522	1.48	0.342	13.5	62.8	0.454	20,081	0.274	0.560	0.0632	0.129	P
SPRSPO-4-S-20240903	B42524	1.37	0.316	12.5	62.8	0.454	20,078	0.274	0.560	0.0632	0.129	P
SPRSPO-5-S-20240903	B43421	0.562	0.129	5.12	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	P
SPRSPO-5-D-20240903	B49497	0.850	0.196	7.75	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	P
SPRSPO-5-B-20240903	B28166				62.8	0.454	20,075	0.274	0.560	0.0632	0.129	ND,P
SPRSPO-6-S-20240903	B19353	0.353	0.0815	3.22	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	J,P
SPRSPO-7-S-20240903	C39138	0.707	0.163	6.44	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	P
SPRSPO-8-S-20240903	C34159	0.422	0.0973	3.85	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	J,P
SPRSPO-9-S-20240903	B35504	0.726	0.167	6.61	62.8	0.454	20,075	0.274	0.560	0.0632	0.129	P
SPRSPO-10-S-20240903	B40220	0.381	0.0877	3.47	62.8	0.454	20,069	0.274	0.560	0.0632	0.129	J,P
SPRSPO-11-S-20240903	B27901	0.353	0.0814	3.22	62.8	0.454	20,069	0.274	0.560	0.0632	0.129	J,P
SPRSPO-12-S-20240903	B34574	0.736	0.170	6.70	62.8	0.454	20,070	0.274	0.560	0.0632	0.129	P
SPRSPO-13-S-20240903	C16075	0.755	0.174	6.87	62.8	0.454	20,065	0.275	0.560	0.0633	0.129	P
SPRSPO-13-D-20240903	C34189	1.14	0.264	10.4	62.8	0.454	20,065	0.275	0.560	0.0633	0.129	P
SPRSPO-13-B-20240903	C39242				62.8	0.454	20,065	0.275	0.560	0.0633	0.129	ND,P
SPRSPO-14-S-20240903	C16079	0.805	0.186	7.33	62.8	0.454	20,065	0.275	0.560	0.0633	0.129	P
SPRSPO-15-S-20240903	B31142	0.940	0.217	8.56	62.8	0.454	20,065	0.275	0.560	0.0633	0.129	P
SPRSPO-16-S-20240903	B20244	1.10	0.253	10.0	62.8	0.454	20,065	0.275	0.560	0.0633	0.129	P

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

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
SPRSPO-1-S-20240903	B16978	14.8	3.92	152	62.8	0.513	20,080	0.243	0.523	0.0644	0.139	
SPRSPO-2-S-20240903	B43008	7.00	1.86	72.1	62.8	0.513	20,080	0.243	0.523	0.0644	0.139	
SPRSPO-3-S-20240903	C20522	6.97	1.85	71.9	62.8	0.513	20,081	0.243	0.523	0.0644	0.139	
SPRSPO-4-S-20240903	B42524	7.82	2.08	80.5	62.8	0.513	20,078	0.243	0.523	0.0644	0.139	
SPRSPO-5-S-20240903	B43421	4.54	1.20	46.7	62.8	0.513	20,075	0.243	0.523	0.0645	0.139	
SPRSPO-5-D-20240903	B49497	5.22	1.39	53.8	62.8	0.513	20,075	0.243	0.523	0.0645	0.139	
SPRSPO-5-B-20240903	B28166				62.8	0.513	20,075	0.243	0.523	0.0645	0.139	ND
SPRSPO-6-S-20240903	B19353	2.85	0.756	29.3	62.8	0.513	20,075	0.243	0.523	0.0644	0.139	
SPRSPO-7-S-20240903	C39138	3.24	0.860	33.3	62.8	0.513	20,075	0.243	0.523	0.0644	0.139	
SPRSPO-8-S-20240903	C34159	1.93	0.514	19.9	62.8	0.513	20,075	0.243	0.523	0.0644	0.139	
SPRSPO-9-S-20240903	B35504	2.72	0.724	28.1	62.8	0.513	20,075	0.243	0.523	0.0644	0.139	
SPRSPO-10-S-20240903	B40220	2.13	0.566	21.9	62.8	0.513	20,069	0.243	0.523	0.0645	0.139	
SPRSPO-11-S-20240903	B27901	2.16	0.574	22.3	62.8	0.513	20,069	0.243	0.523	0.0645	0.139	
SPRSPO-12-S-20240903	B34574	3.86	1.03	39.8	62.8	0.513	20,070	0.243	0.523	0.0645	0.139	
SPRSPO-13-S-20240903	C16075	3.49	0.926	35.9	62.8	0.513	20,065	0.243	0.523	0.0645	0.139	
SPRSPO-13-D-20240903	C34189	3.46	0.920	35.7	62.8	0.513	20,065	0.243	0.523	0.0645	0.139	
SPRSPO-13-B-20240903	C39242				62.8	0.513	20,065	0.243	0.523	0.0645	0.139	ND
SPRSPO-14-S-20240903	C16079	3.95	1.05	40.7	62.8	0.513	20,065	0.243	0.523	0.0645	0.139	
SPRSPO-15-S-20240903	B31142	5.74	1.53	59.1	62.8	0.513	20,065	0.243	0.523	0.0645	0.139	
SPRSPO-16-S-20240903	B20244	5.74	1.52	59.1	62.8	0.513	20,065	0.243	0.523	0.0645	0.139	

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

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

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	SPRSPO-5-B-20240903	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	SPRSPO-13-B-20240903	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	SPRSPO-5-D-20240903	2.8%	Pass	38%	Pc	27%	Pass	41%	Pc	14%	Pass
	SPRSPO-13-D-20240903	1.1%	Pass	16%	Pass	39%	P	41%	P	0.64%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Sprague - South Portland
Project	PROJ-027968
Report #	2024GA304

Custody	Enthalpy Analytical, LLC received the sample tubes on 9/19/24. The samples were received in good condition at a temperature of 23.0 ºC. 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, o-Xylene, and m-/p-Xylenes 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-MTD.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.

Enthalpy Analytical Narrative Summary
(continued)

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 SPRSPO-5-S-20240903 (tube ID B43421) and its corresponding duplicate SPRSPO-5-D-20240903 (tube ID B49497) failed to meet the 30% difference criteria specified by the method for o-Xylene. The primary sample SPRSPO-13-S-20240903 (tube ID C16075) and its corresponding duplicate SPRSPO-13-D-20240903 (tube ID C34189) failed to meet the 30% difference criterion specified by the method for m-/p-Xylene and o-Xylene. All m-/p-Xylene and o-Xylene samples in the data set have been flagged "P" to denote this failure. The primary sample SPRSPO-5-S-20240903 (tube ID B43421) and its corresponding duplicate SPRSPO-5-D-20240903 (tube ID B49497) failed to meet the 30% difference criteria specified by the method for Ethylbenzene. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All Ethylbenzene samples in the data set have been flagged "Pc" to denote this failure.
Reporting Notes	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.

Sample Custody

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

ENTHALPY ANALYTICAL

2024GA304

Page # 1 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Sprague Energy/So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	93 Main Street	**Project Number:**	PROJ-027968	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brown	**Sorbent:**	
State	Maine	**Email Address:**	haigbrown@montrose-env.com		
Zip:	04106	**Telephone #:**	267-441-0025		

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)
1	B16978	S	9/2/24	12:30	9/17/24	11:10	HFB / HFB		
2	B43008	S	9/2/24	12:35	9/17/24	11:15	HFB / HFB		
3	C20522	S	9/2/24	12:39	9/17/24	11:20	HFB / HFB		
4	B42524	S	9/2/24	12:46	9/17/24	11:24	HFB / HFB		
5	B43421	S	9/2/24	12:55	9/17/24	11:30	HFB / HFB		
5	B49497	D	9/2/24	12:55	9/17/24	11:30	HFB / HFB		
5	B28166	B	9/2/24	12:55	9/17/24	11:30	HFB / HFB		
6	B19353	S	9/2/24	13:00	9/17/24	11:35	HFB / HFB		

Relinquished By (printed): Haig F Brown	**Relinquished By (signature):**	**Relinquished Date:** 9/17/2024	**Relinquished Time:** 16:05
Recieved By (printed): Daniel Simpson	**Recieved By (signature):**	**Receipt Date:** 9/19/24	**Receipt Time:** 10:00
Sample Condition Upon Receipt: Good	**Compound List:**	**Custody Seal intact? Y/N:** Y	**Delivery tracking #**
Ice Temp: —	**Blank Temp:** 23.0 Fluke 7A	**Add Custody Seal # below:**	24A01618

Comments: 9/17 Been a lot of construction around site #5

① EG Should be 9/3/24. DDS 9/20/24

ENTHALPY ANALYTICAL

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

Page # 2 of 3 #

☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	Sprague Energy So Portland	Client Name:	Montrose EN	PO#:	
Site Address:	39 Main Street	Project Number:	PROS - 027968	Sample Event #	
City:	So Portland	Project Manager:	HAIG BROCHU	Sorbent:	
State	Maine	Email Address:	haig.brochu@montrose-env.com		
Zip:	04106	Telephone #:	441-0025		

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)
7	C39138	S	① 9/2/24	13:05	9/17/24	11:40	HB / HB		
8	C34159	S	9/2/24	13:10	9/17/24	11:45	HB / HB		
9	B35504	S	9/2/24	13:15	9/17/24	11:50	HB / HB		
10	B40220	S	9/2/24	13:26	9/17/24	11:55	HB / HB		
11	B27901	S	9/2/24	13:31	9/17/24	12:00	HB / HB		
12	B34574	S	9/2/24	13:40	9/17/24	12:10	HB / HB		
13	C16075	S	9/2/24	13:50	9/17/24	12:15	HB / HB		
13	C34189	D	9/2/24	13:50	9/17/24	12:15	HB / HB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu	[signature]	9/17/2024	16:05
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson	[signature]	9/19/24	10:00

Sample Condition Upon Receipt:			Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good				Y	
Ice Temp: —	Blank Temp: 23.0	Fluke 7A		Add Custody Seal # below: 24101618	

Comments: on 9/2 very very heavy smell of paint fumes coming from build. across street. from site #9
① EG. Should be 9/3/24. DDS 9/20/24

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

ENTHALPY ANALYTICAL

Page # 3 of 3 #

☐ 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: Sprague Energy So Portland	Client Name: Montrose AW	PO#:	
Site Address: 39 Main Street	Project Number: PROJ-027968	Sample Event #	
City: So Portland	Project Manager: Haig Brochu	Sorbent:	
State Maine	Email Address: haigbrochu@montrose-env.com		
Zip: 04106	Telephone #: 207-441-0025		

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)
13	C39242	B	9/2/24	13:50	9/17/24	12:15	HFB / [illegible]		
14	C16079	S	9/2/24	13:55	9/17/24	12:20	HFB / [illegible]		
15	B31142	S	9/2/24	14:00	9/17/24	12:25	[illegible] / [illegible]		
16	B20244	S	9/2/24	14:05	9/17/24	12:30	HFB / [illegible]		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu	[signature]	9/17/2024	16:05
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson	[signature]	9/19/24	10:00

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Y	
Ice Temp: —	**Blank Temp:** 23.0 Fluke 7A	**Add Custody Seal # below:** 24A01618	

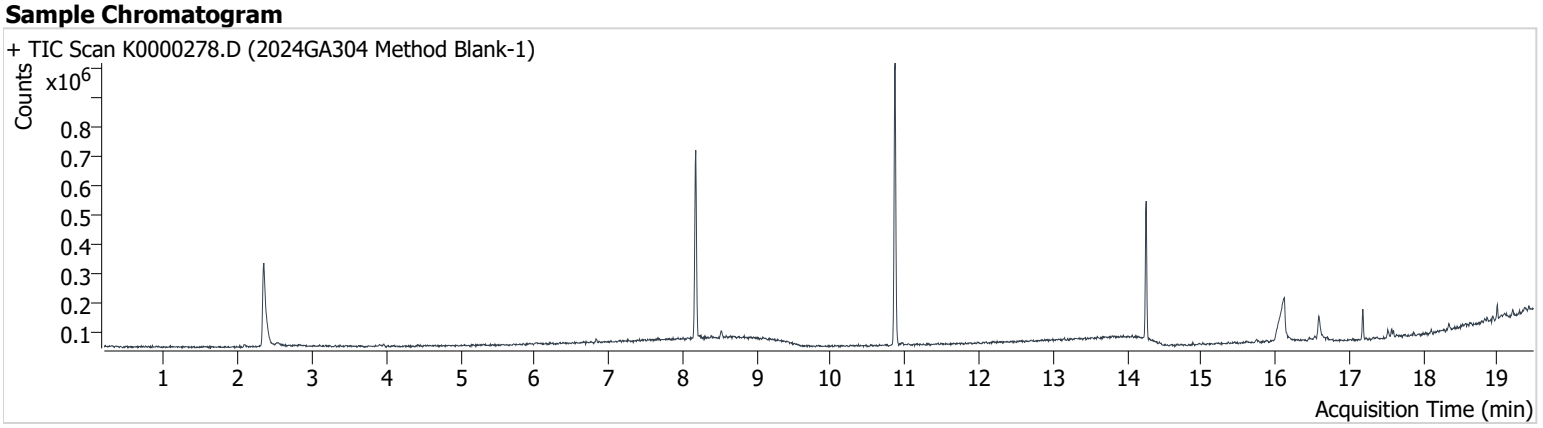
Comments:

① E.E. Should be 9/3/24. DDS 9/20/24

Sample Chromatograms

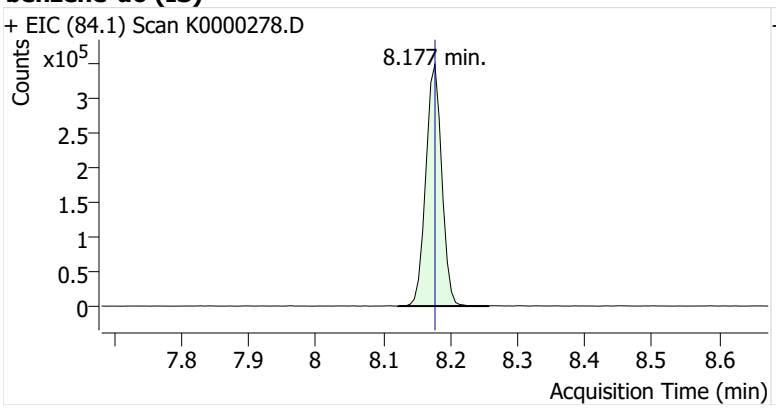
Name	2024GA304 Method Blank-1
Comment	B43309
Data File	K0000278.D
Acq. Date-Time	9/20/2024 3:26:22 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

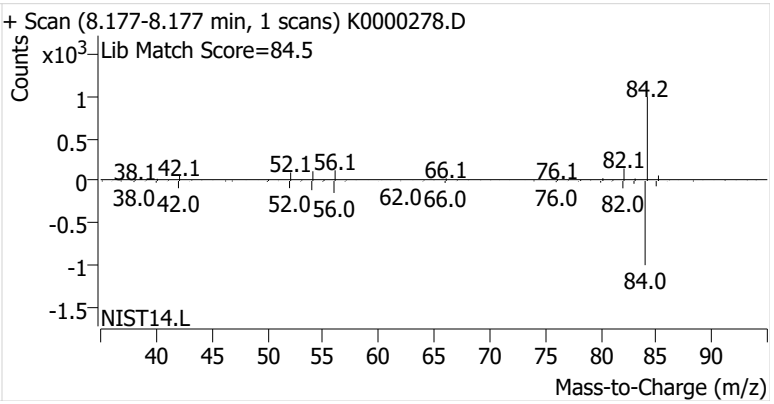
Sample Chromatogram



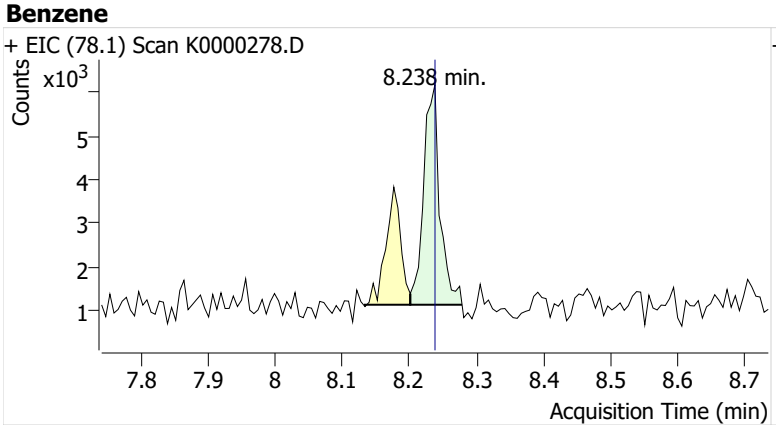
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	572,200	
Benzene	benzene-d6 (IS)	8.238	8.238	8,432	
Toluene-d8 (IS)		10.869	10.869	620,513	
Toluene	Toluene-d8 (IS)	10.967	10.967	5,673	
Ethylbenzene	Toluene-d8 (IS)	13.157	13.145	1,746	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	2,146	
o-Xylene	Toluene-d8 (IS)	13.824	13.818	1,514	

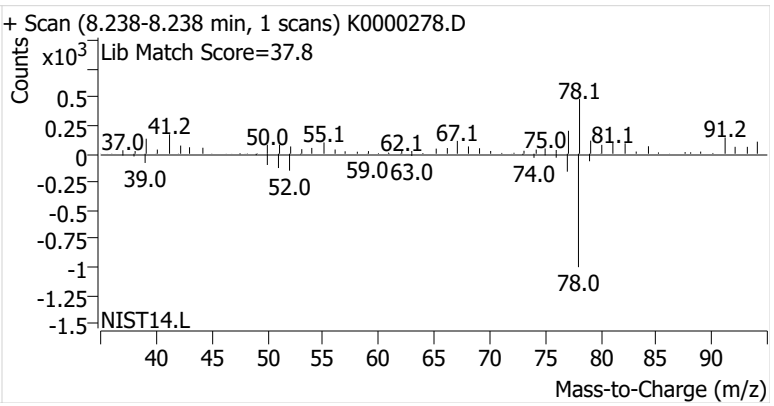
benzene-d6 (IS)



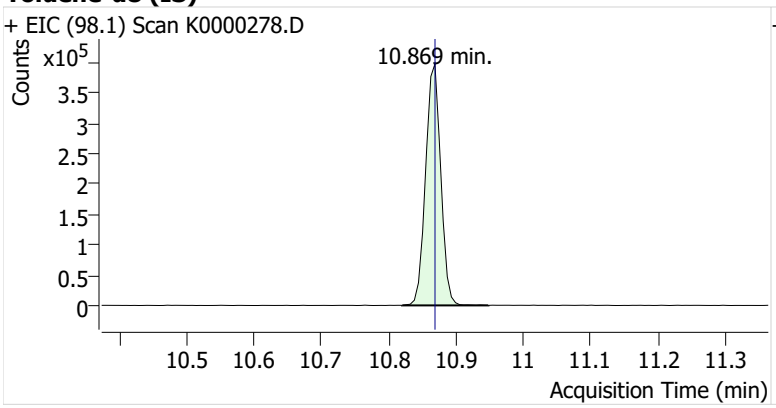


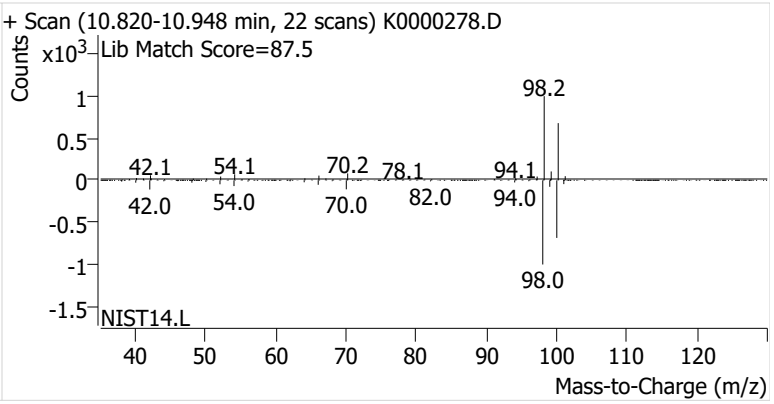
Benzene



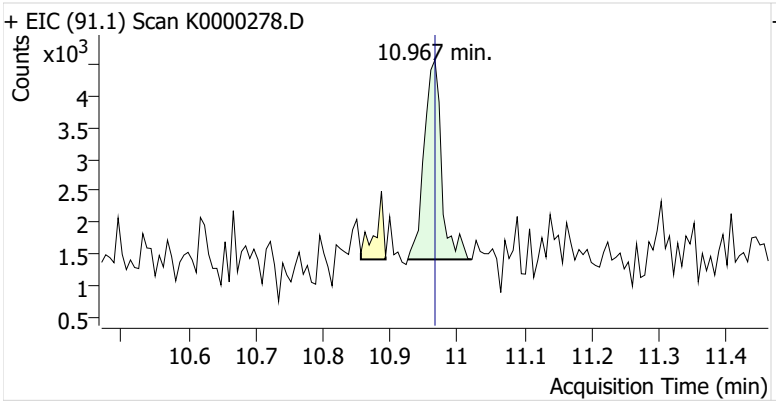


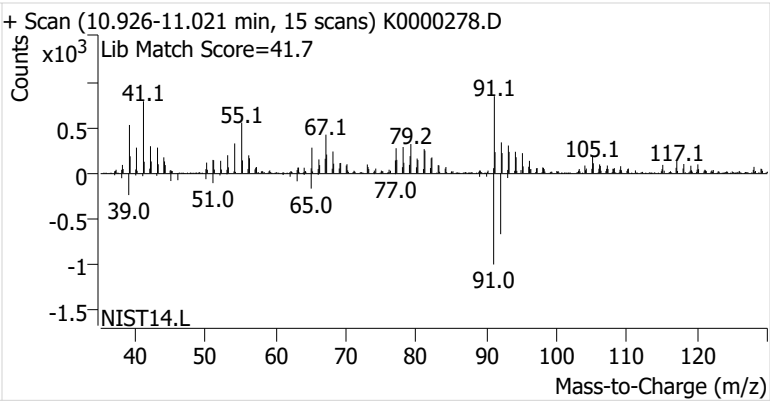
Toluene-d8 (IS)



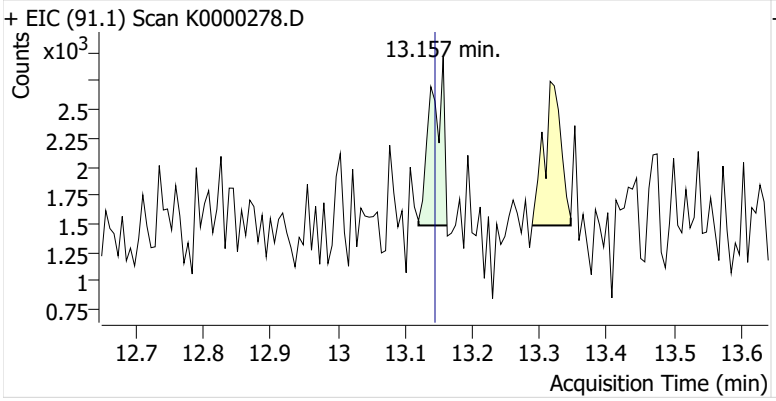


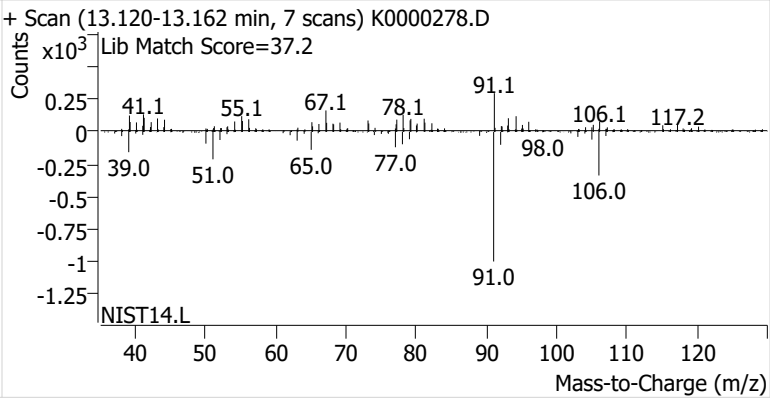
Toluene



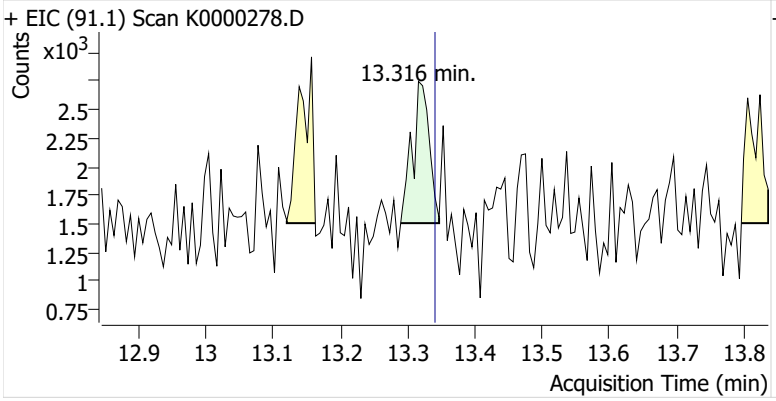


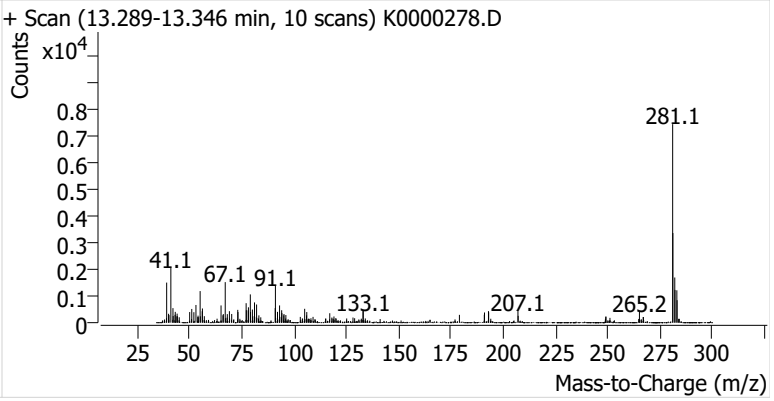
Ethylbenzene



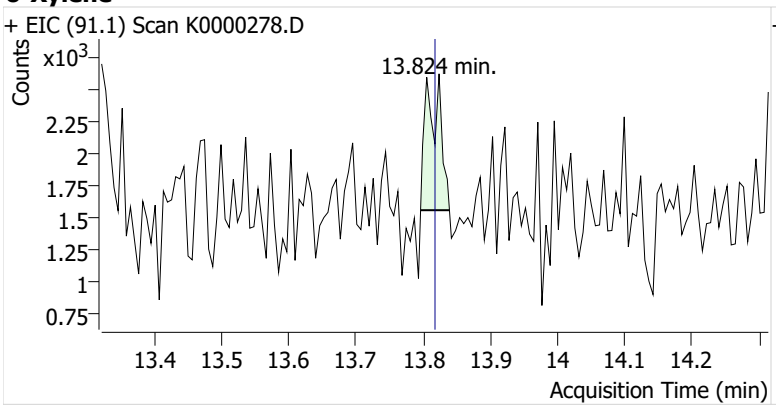


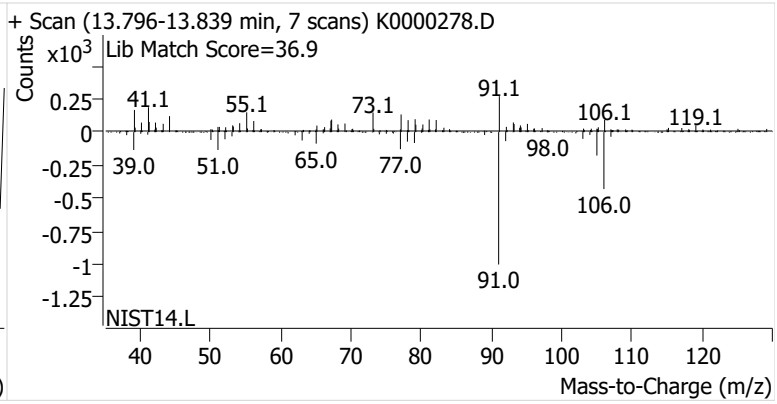
m-/p-Xylene





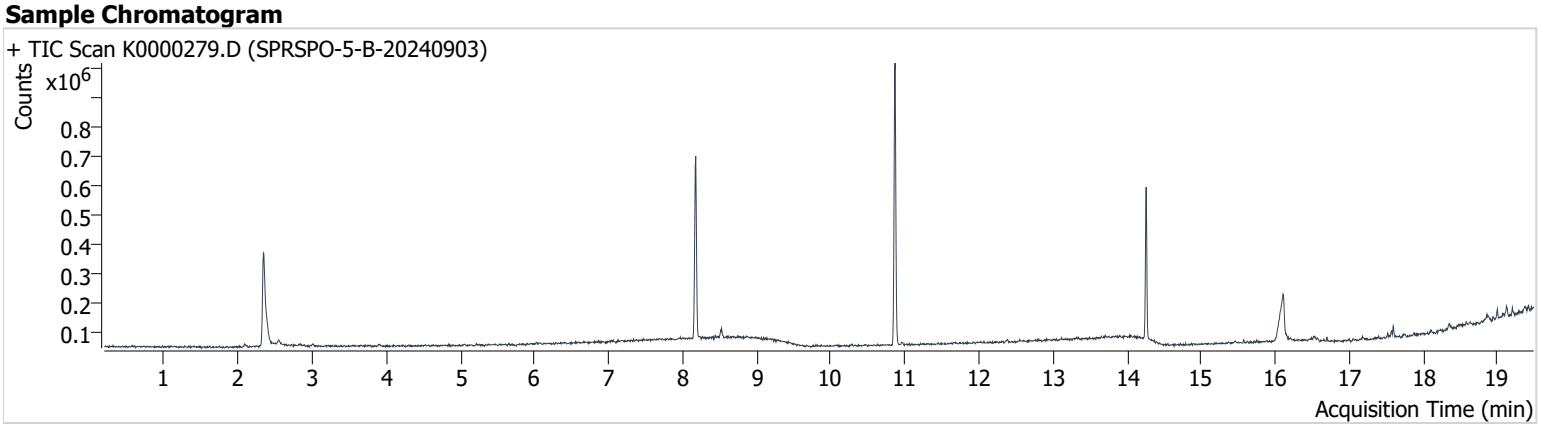
o-Xylene


+ EIC (91.1) Scan K0000278.D
Counts
x10^3
13.824 min.
2.25
2
1.75
1.5
1.25
1
0.75
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.796-13.839 min, 7 scans) K0000278.D
Counts
x10^3
Lib Match Score=36.9
0.25
0
-0.25
-0.5
-0.75
-1
-1.25
41.1
55.1
73.1
91.1
106.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

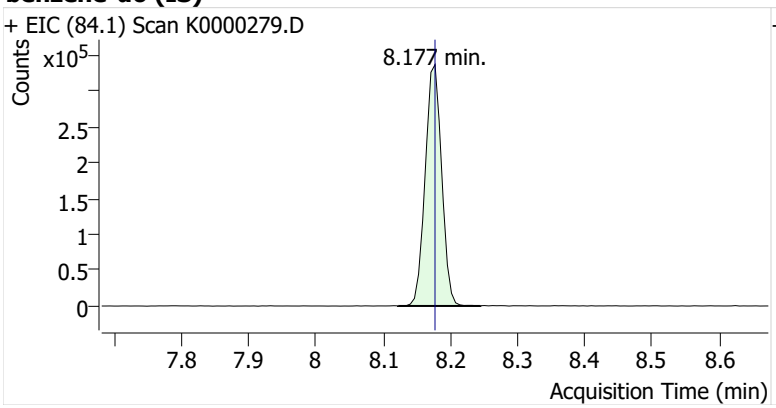
Name	SPRSPO-5-B-20240903
Comment	B28166
Data File	K0000279.D
Acq. Date-Time	9/20/2024 3:53:53 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

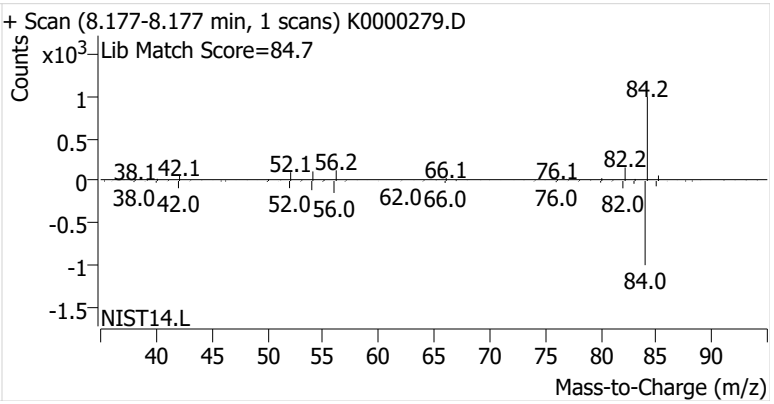
Sample Chromatogram



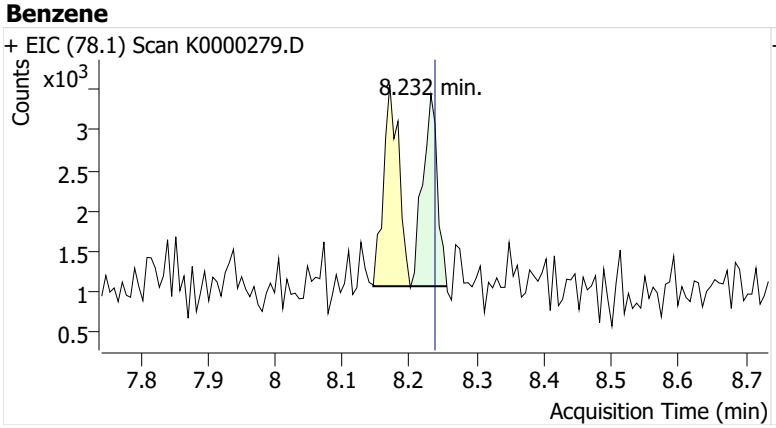
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	571,010	
Benzene	benzene-d6 (IS)	8.232	8.238	3,492	
Toluene-d8 (IS)		10.869	10.869	630,578	
Toluene	Toluene-d8 (IS)	10.961	10.967	4,806	
Ethylbenzene	Toluene-d8 (IS)	13.322	13.145	ND	m
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	2,221	
o-Xylene	Toluene-d8 (IS)	13.726	13.818	196	

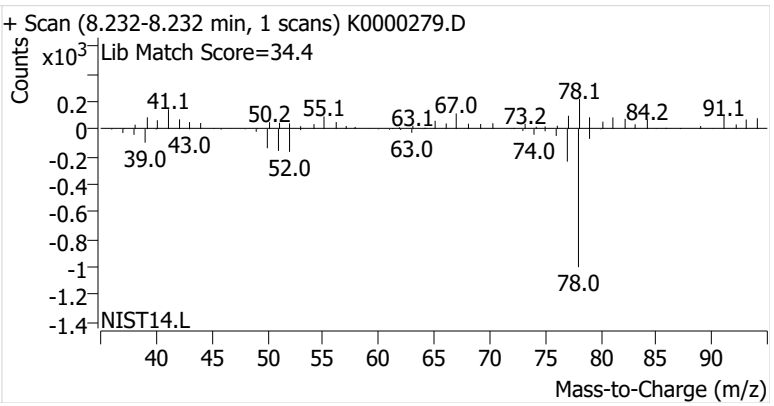
benzene-d6 (IS)



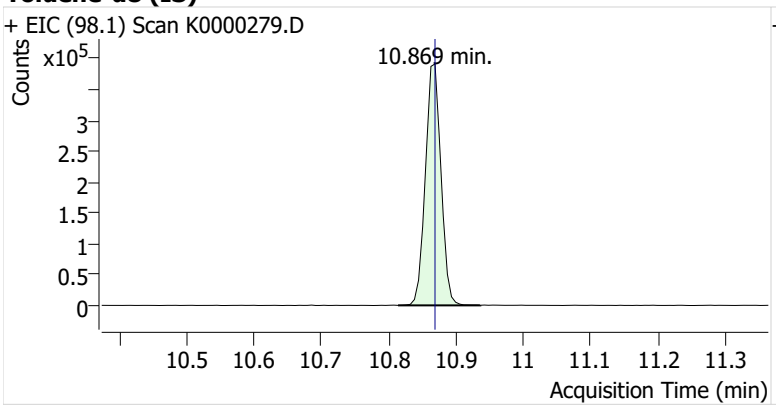


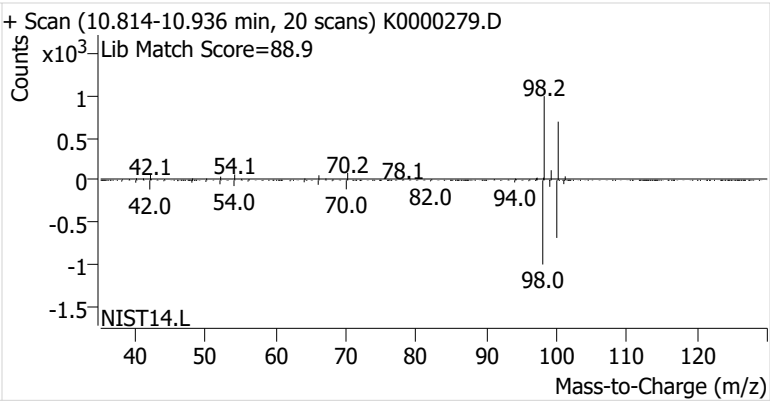
Benzene



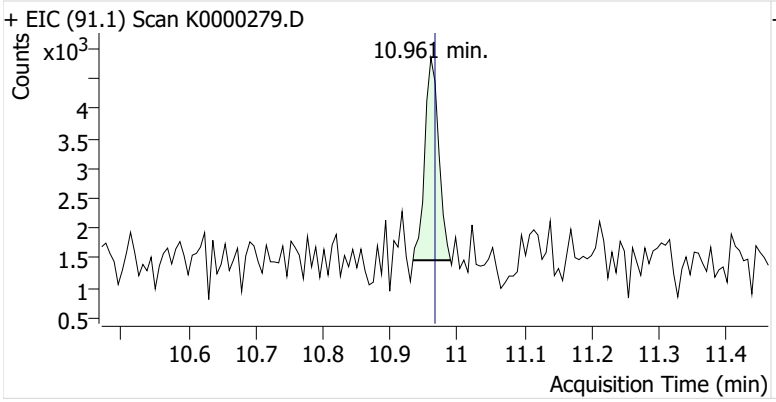


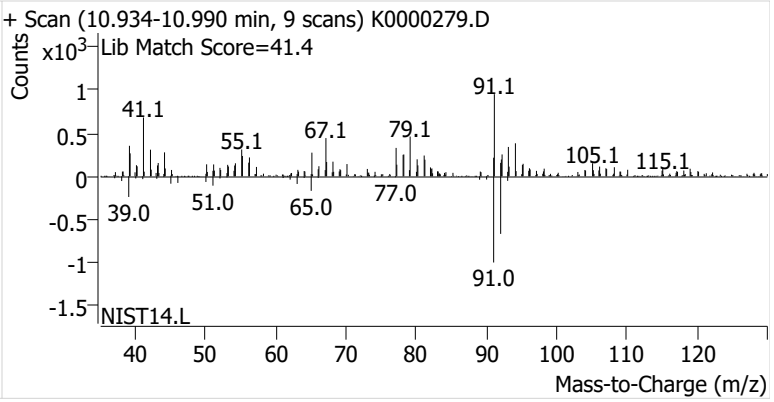
Toluene-d8 (IS)



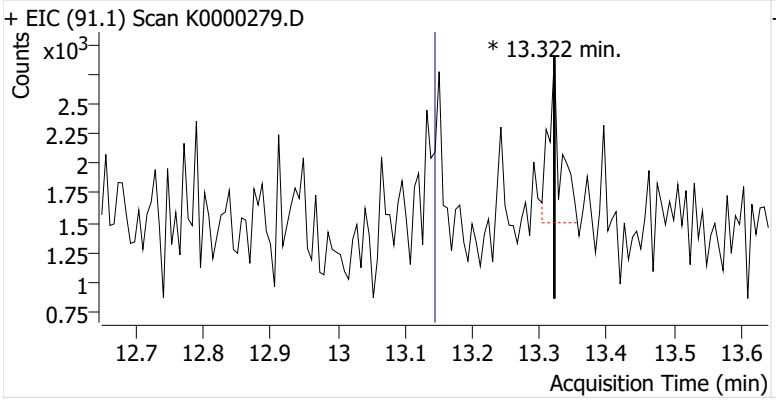


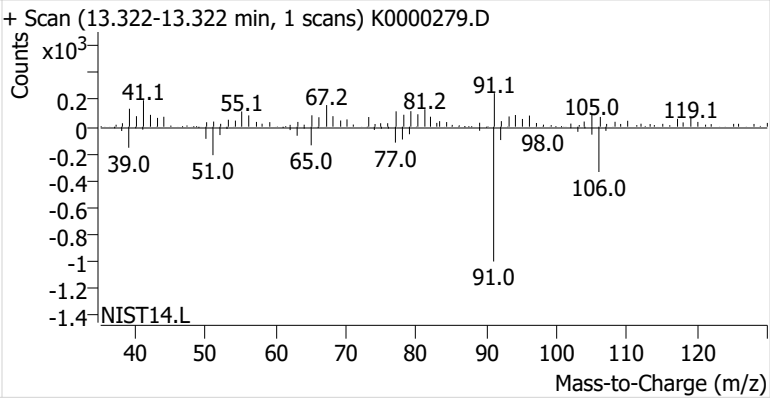
Toluene



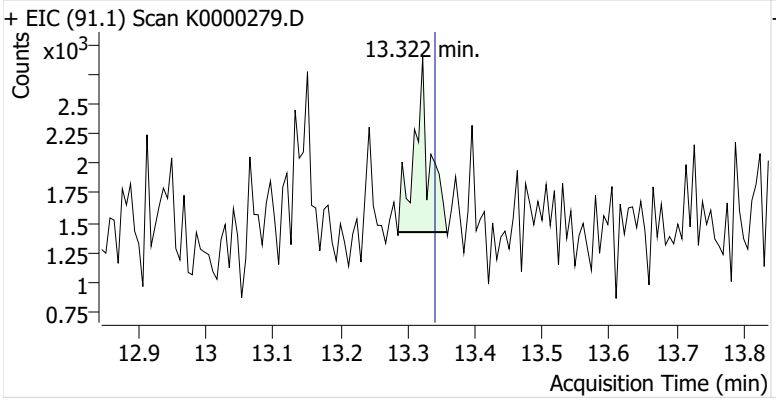


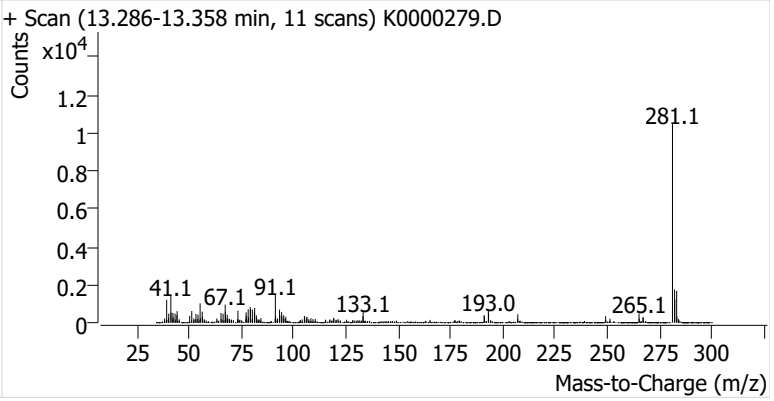
Ethylbenzene



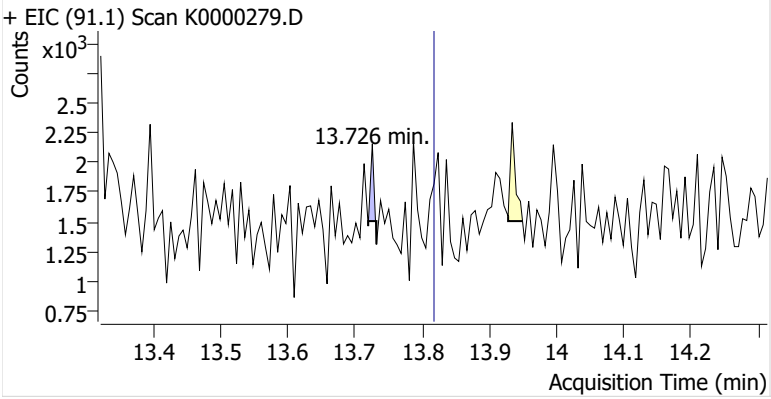


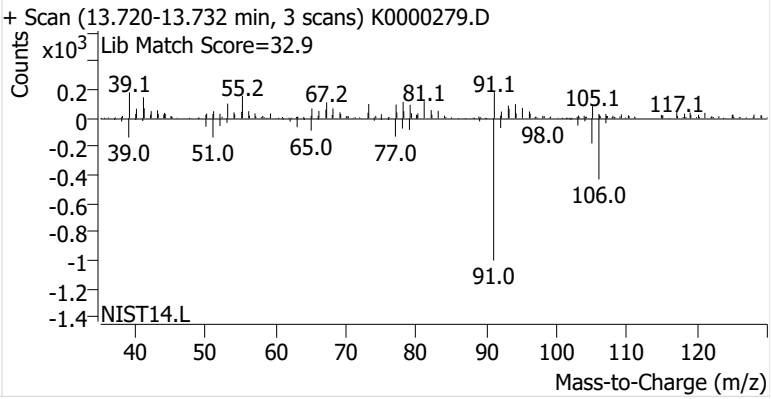
m-/p-Xylene





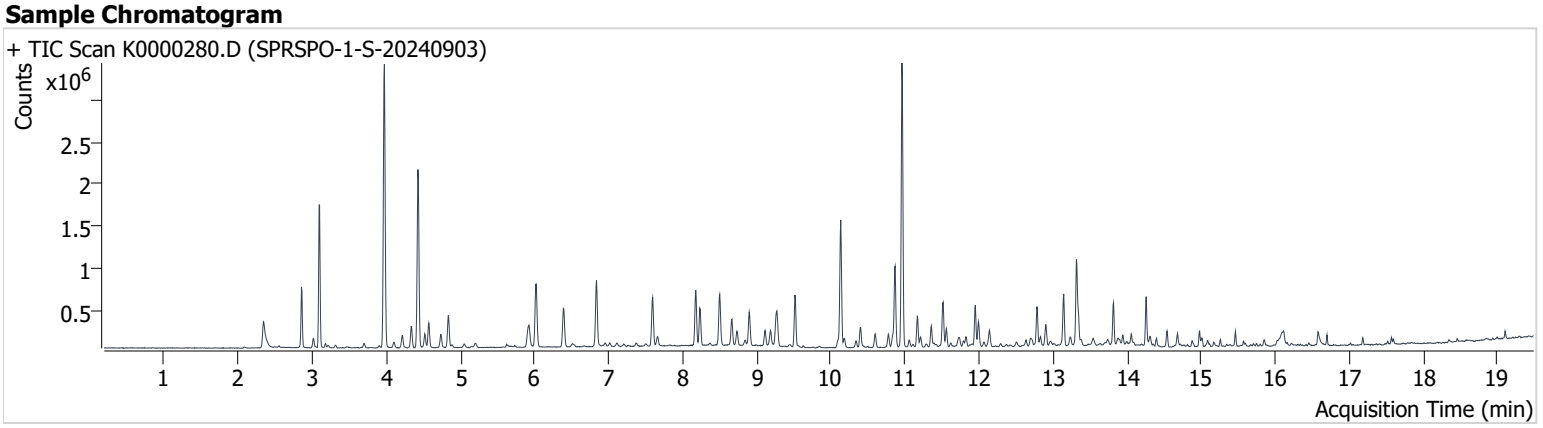
o-Xylene


+ EIC (91.1) Scan K0000279.D
Counts
x10^3
2.5
2.25
2
1.75
1.5
1.25
1
0.75
13.726 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.720-13.732 min, 3 scans) K0000279.D
Lib Match Score=32.9
Counts
x10^3
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
39.1
55.2
67.2
81.1
91.1
105.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

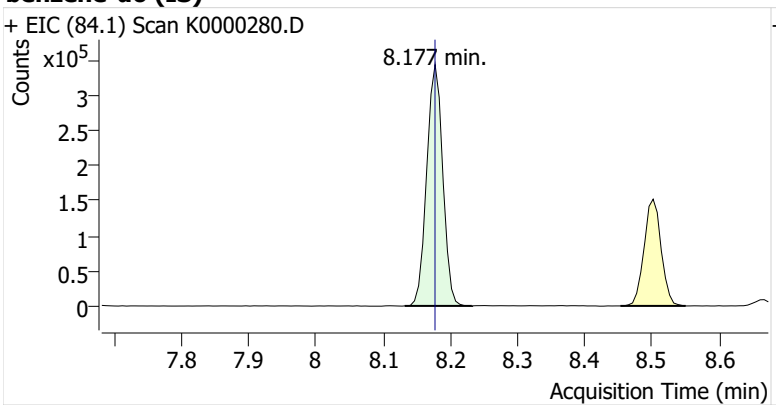
Name	SPRSPO-1-S-20240903
Comment	B16978
Data File	K0000280.D
Acq. Date-Time	9/20/2024 4:21:25 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

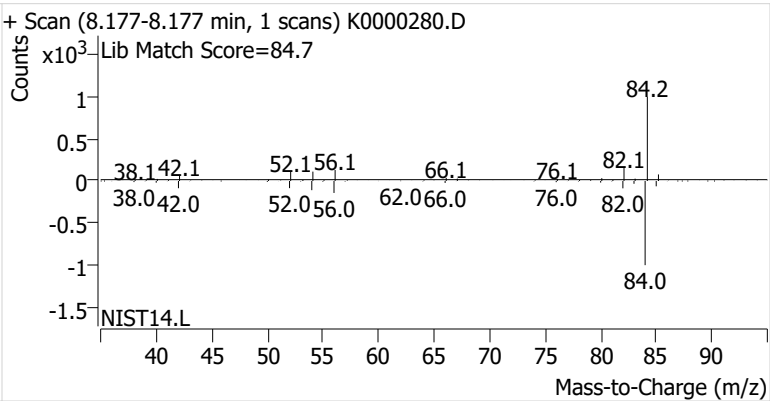
Sample Chromatogram



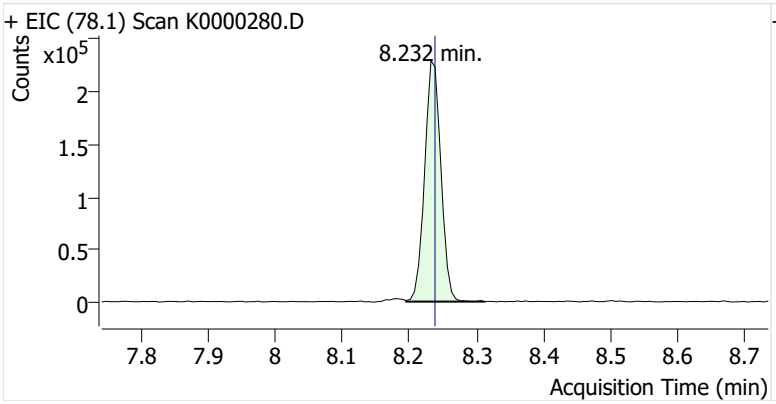
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	568,521	
Benzene	benzene-d6 (IS)	8.232	8.238	383,557	
Toluene-d8 (IS)		10.869	10.869	627,130	
Toluene	Toluene-d8 (IS)	10.961	10.967	2,249,849	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	403,230	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	728,216	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	261,640	

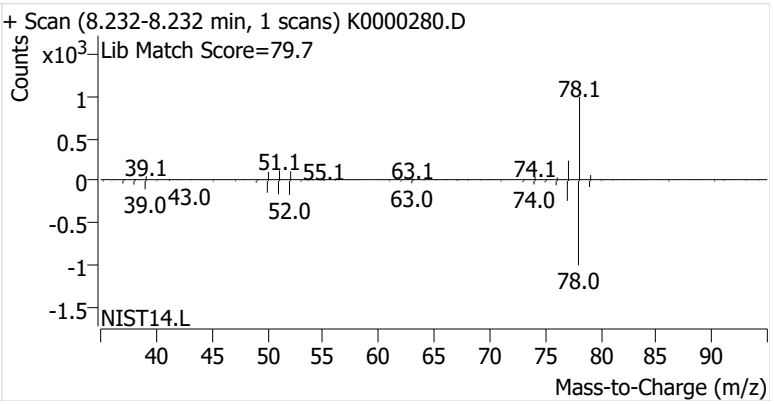
benzene-d6 (IS)



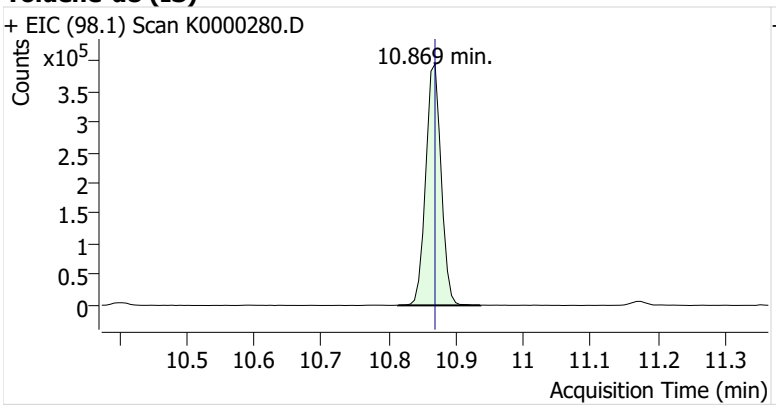


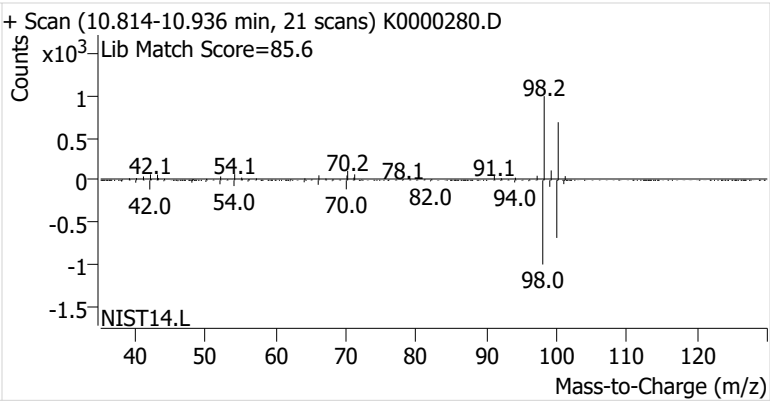
Benzene



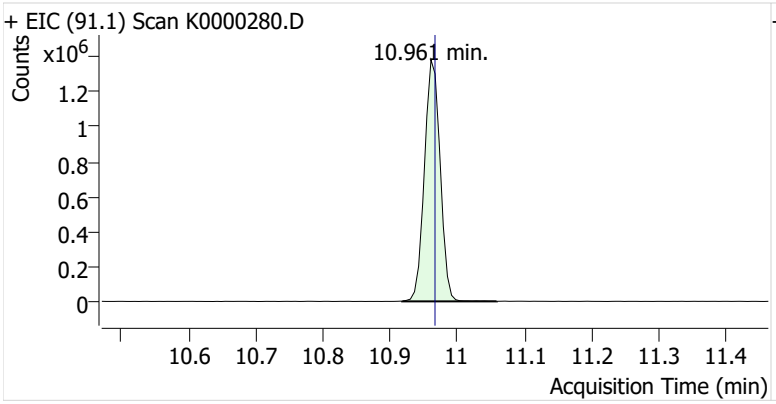


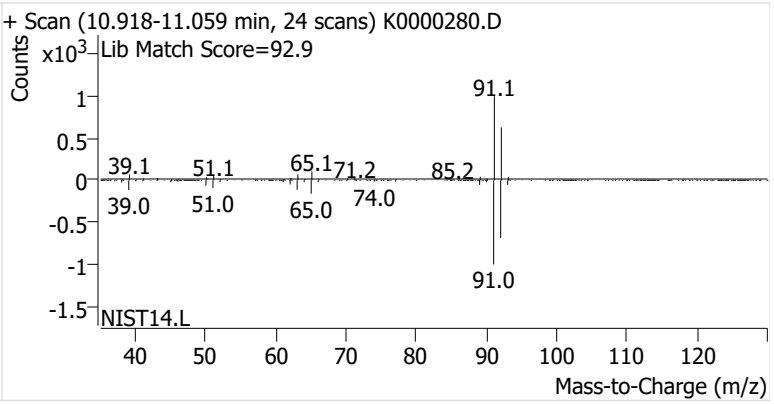
Toluene-d8 (IS)



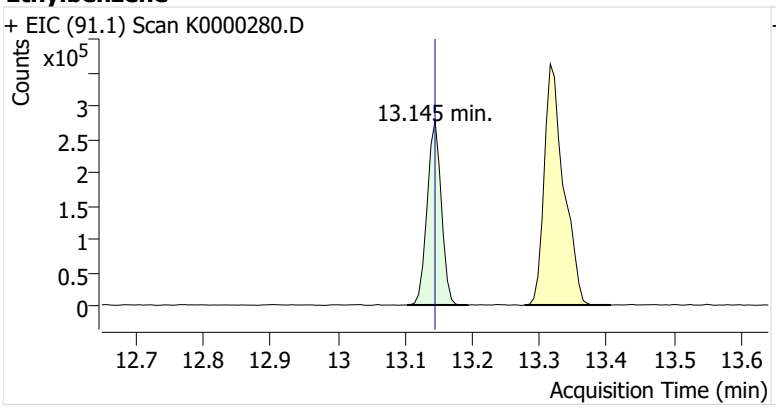


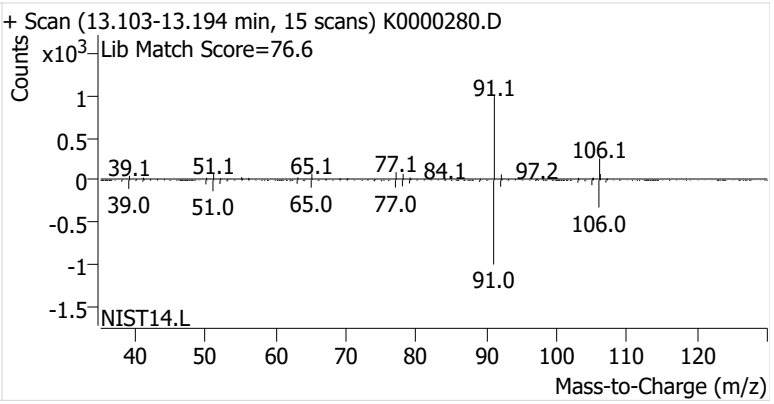
Toluene



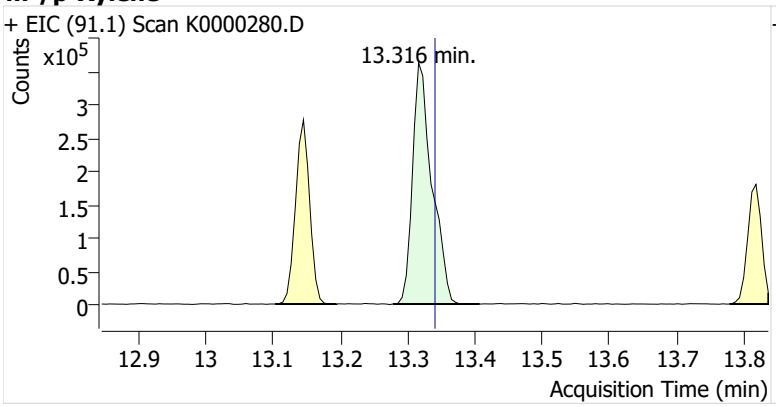


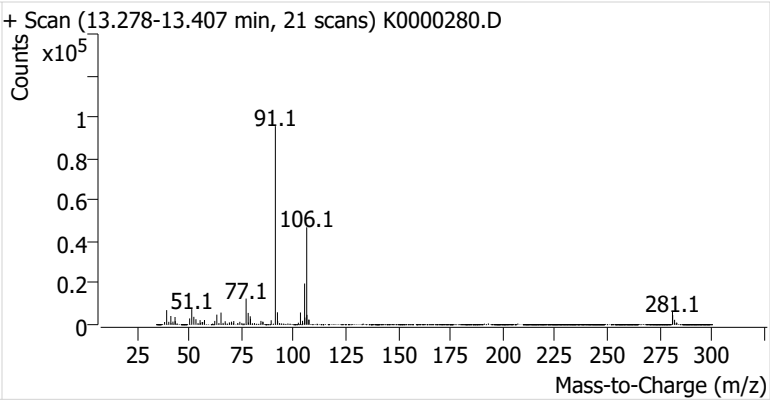
Ethylbenzene



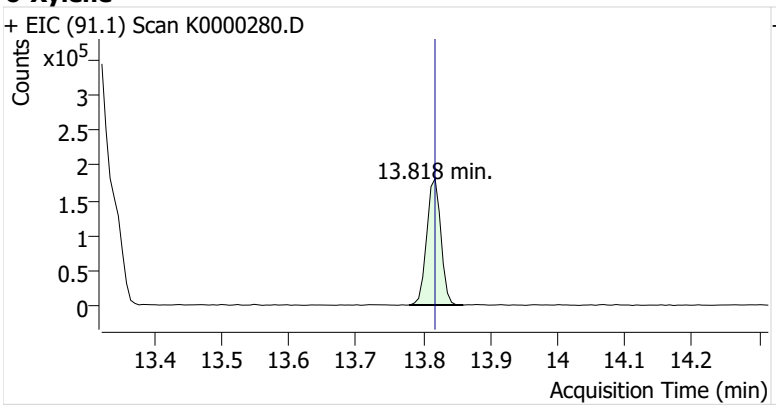


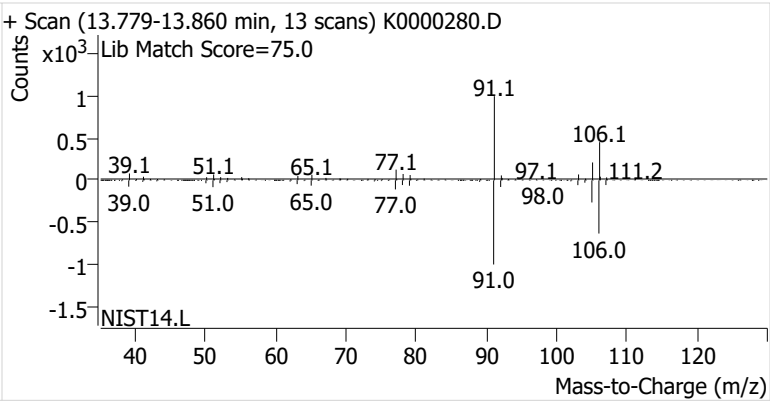
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000280.D
Counts
x10^5
3
2.5
2
1.5
1
0.5
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.779-13.860 min, 13 scans) K0000280.D
Lib Match Score=75.0
Counts
x10^3
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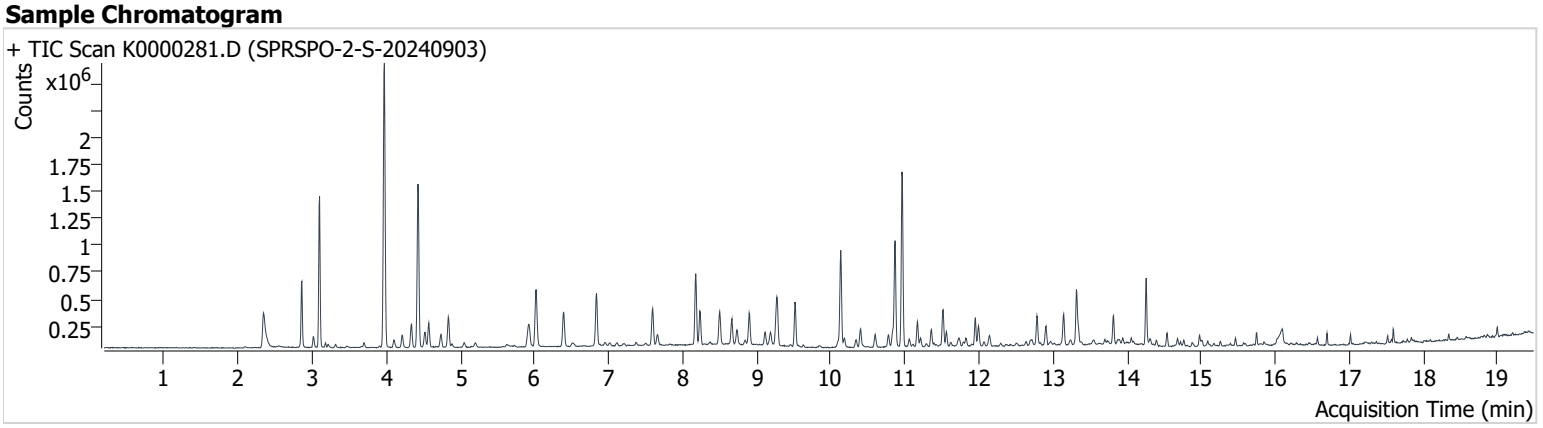
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
97.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

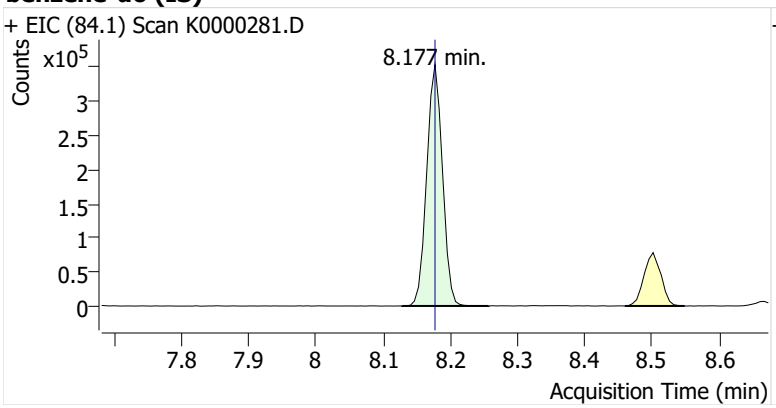
Name	SPRSPO-2-S-20240903
Comment	B43008
Data File	K0000281.D
Acq. Date-Time	9/20/2024 4:49:00 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

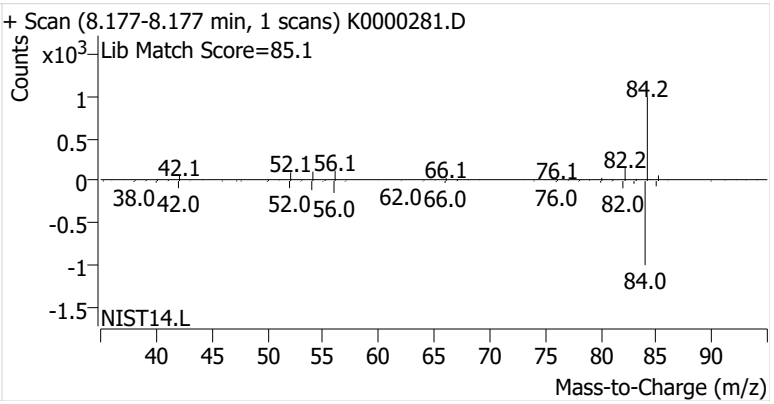
Sample Chromatogram



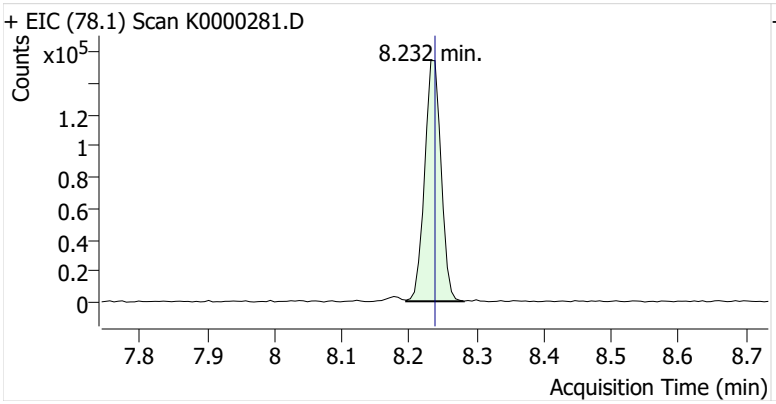
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	574,670	
Benzene	benzene-d6 (IS)	8.232	8.238	259,639	
Toluene-d8 (IS)		10.869	10.869	630,914	
Toluene	Toluene-d8 (IS)	10.961	10.967	1,072,986	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	194,449	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	348,251	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	137,830	

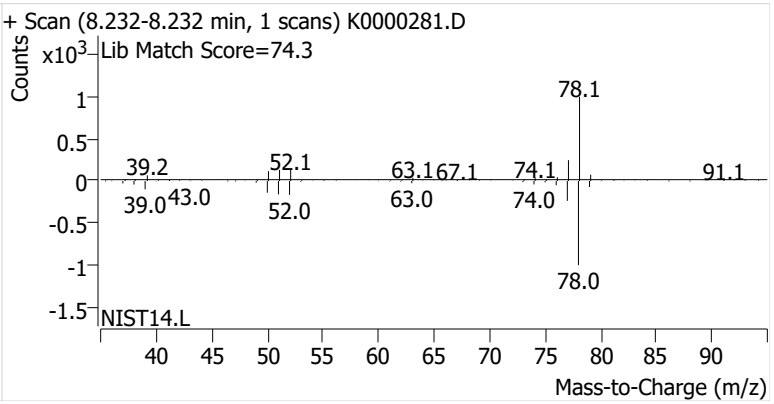
benzene-d6 (IS)



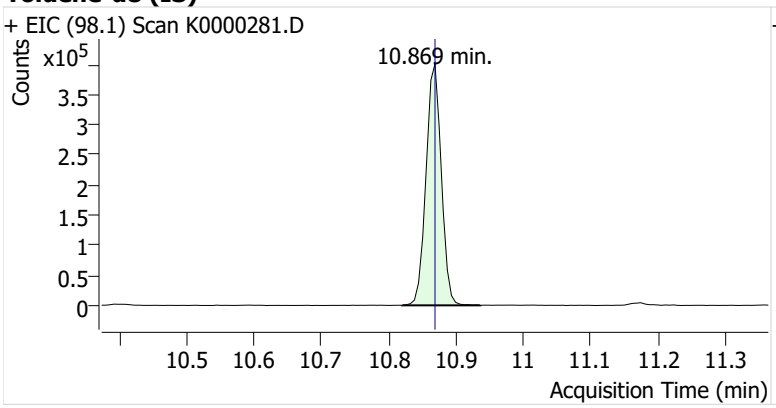


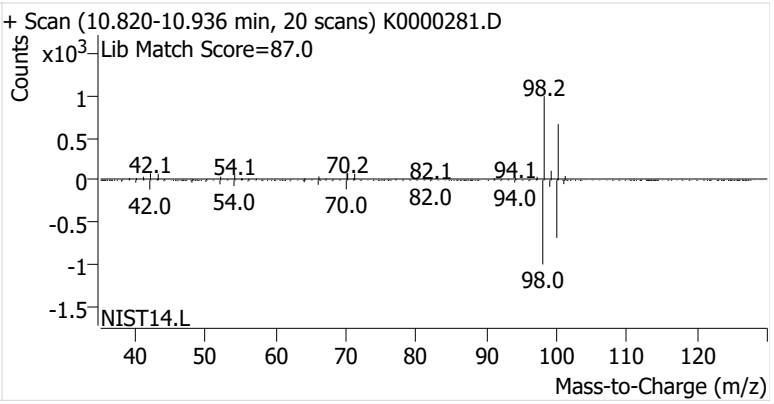
Benzene



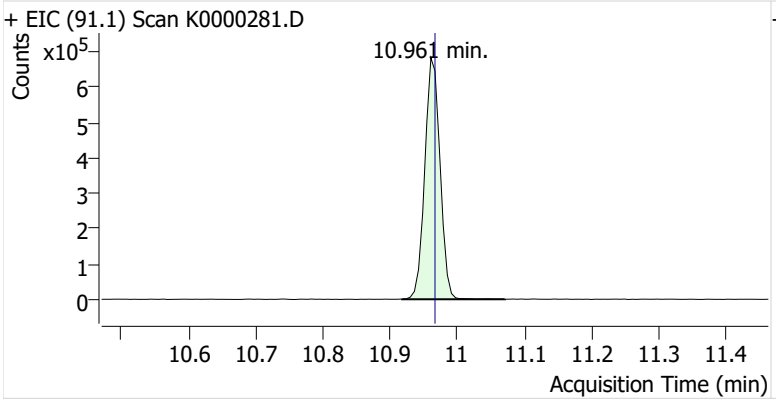


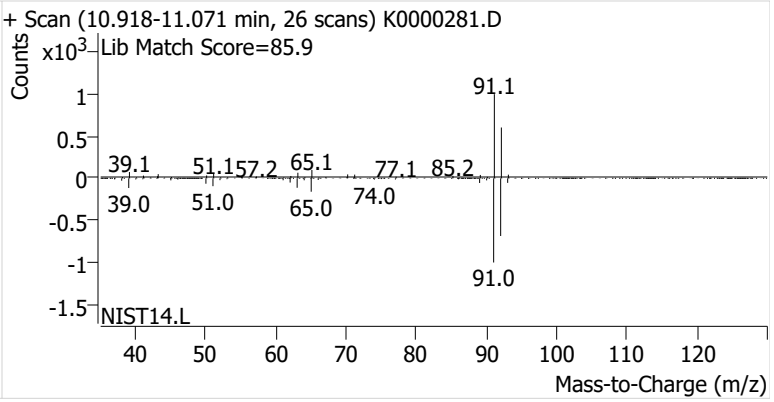
Toluene-d8 (IS)



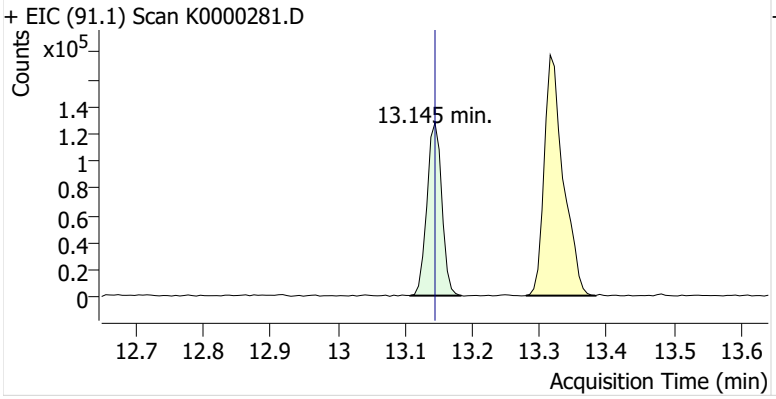


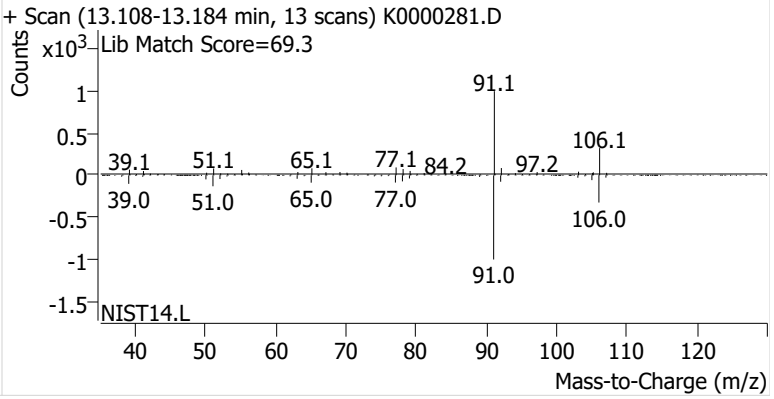
Toluene



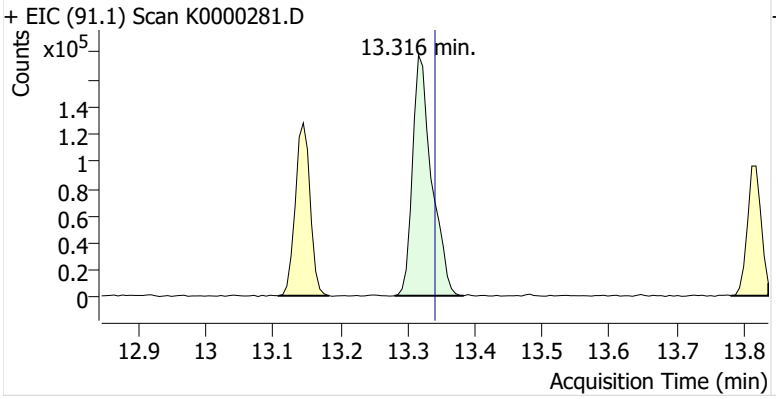


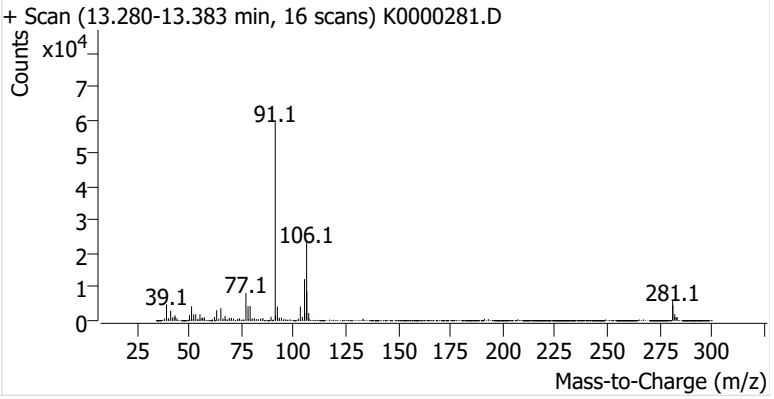
Ethylbenzene



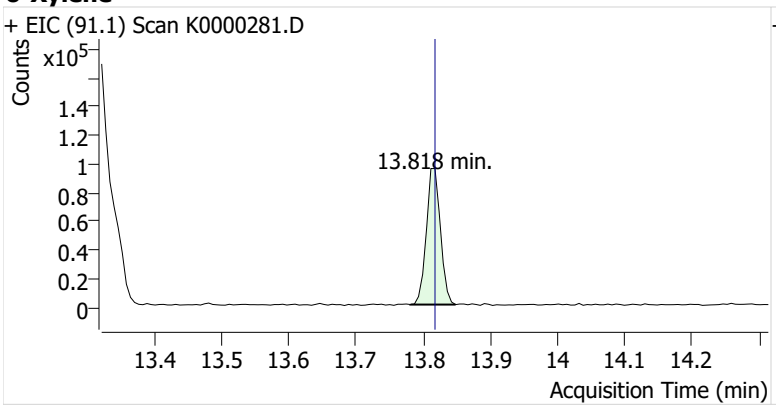


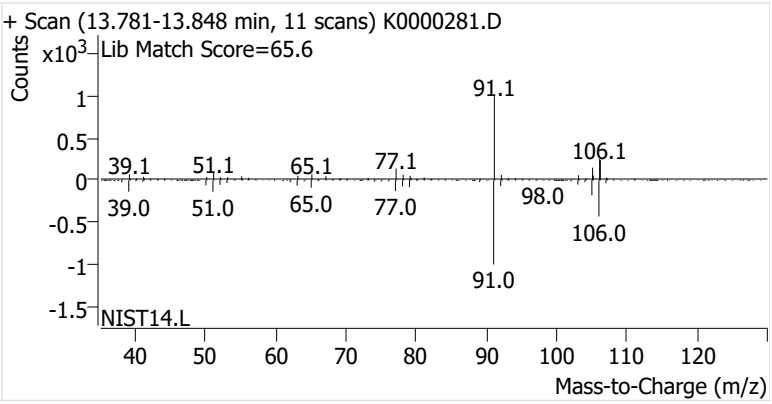
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000281.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.781-13.848 min, 11 scans) K0000281.D
Lib Match Score=65.6
Counts
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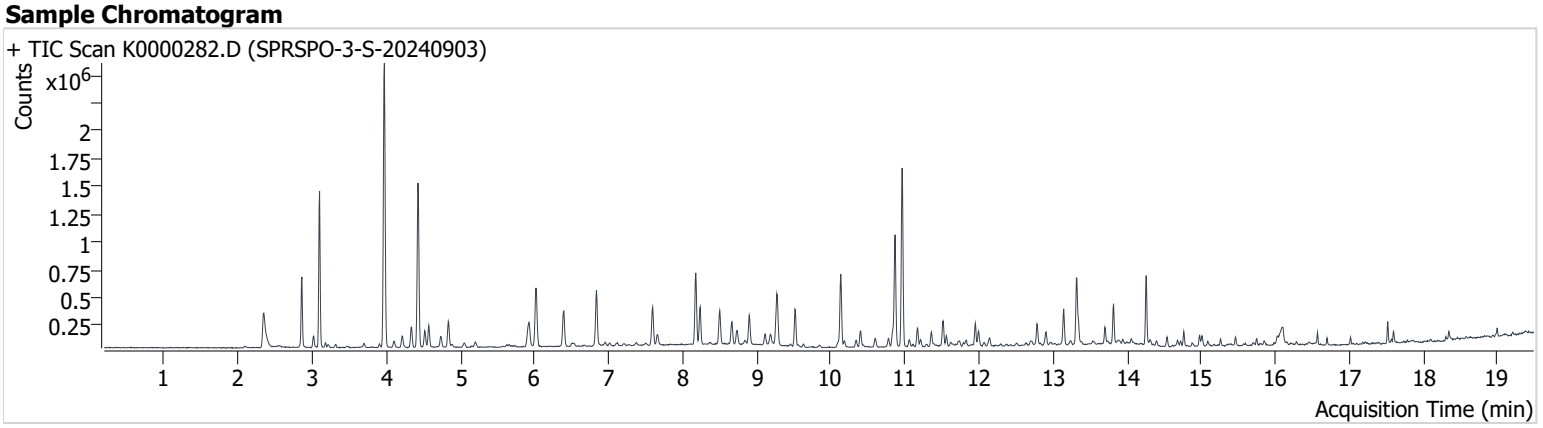
0.5
0
-0.5
-1
-1.5
91.1
39.1
51.1
65.1
77.1
106.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

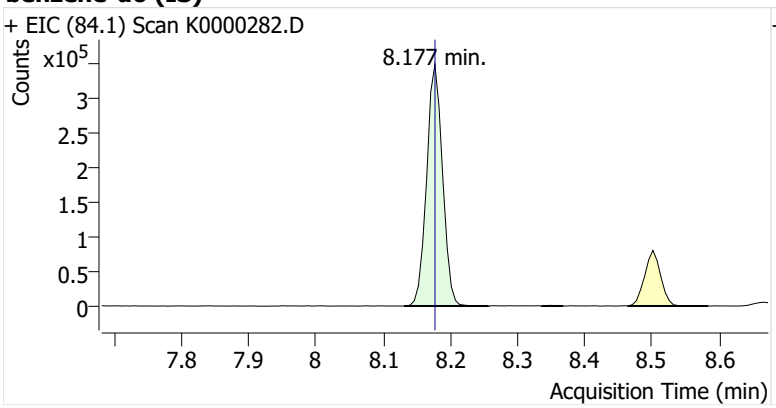
Name	SPRSPO-3-S-20240903
Comment	C20522
Data File	K0000282.D
Acq. Date-Time	9/20/2024 5:16:36 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

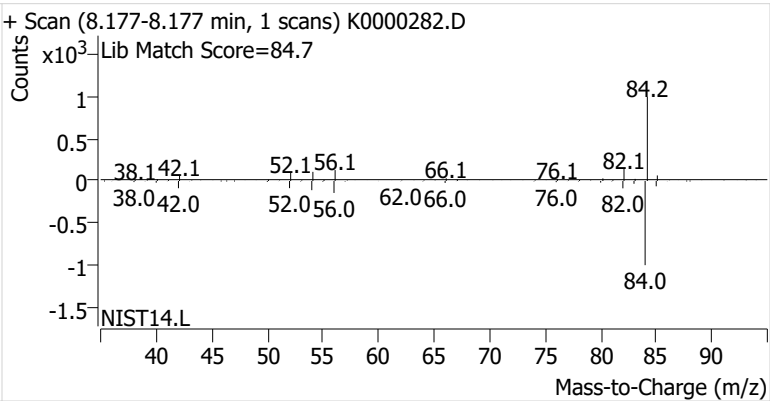
Sample Chromatogram



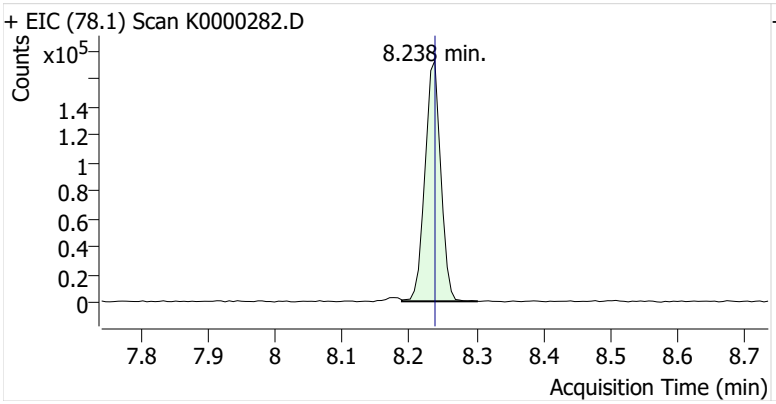
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	571,189	
Benzene	benzene-d6 (IS)	8.238	8.238	280,298	
Toluene-d8 (IS)		10.869	10.869	637,265	
Toluene	Toluene-d8 (IS)	10.960	10.967	1,079,614	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	212,464	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	429,425	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	180,981	

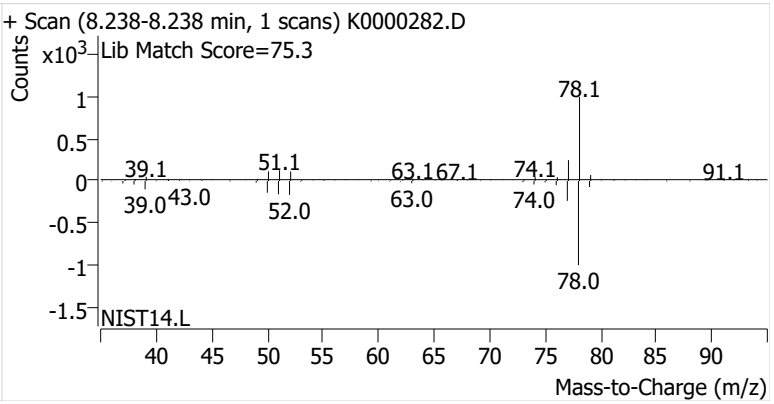
benzene-d6 (IS)



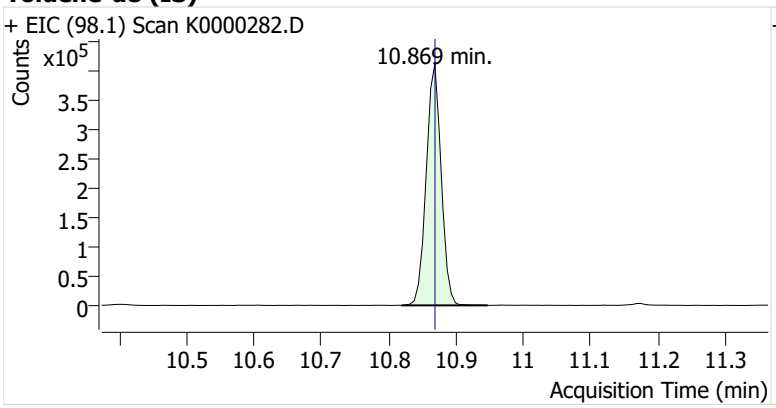


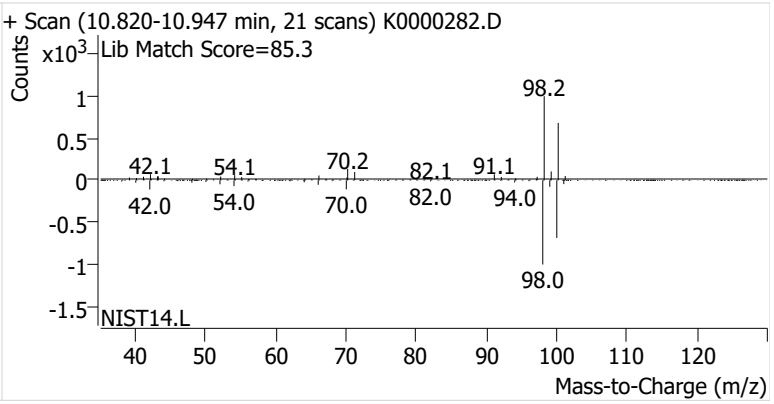
Benzene



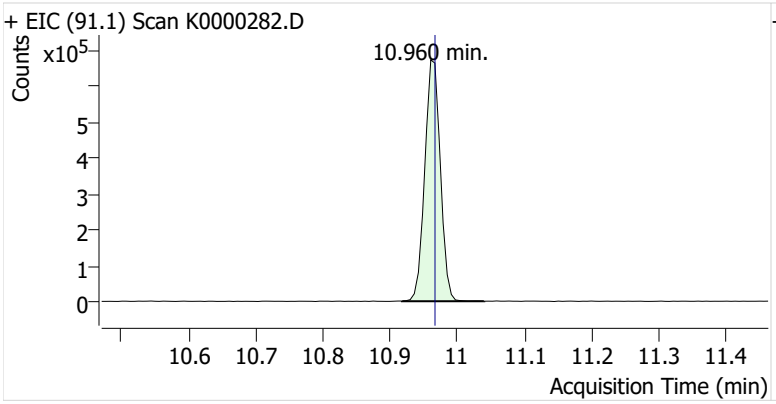


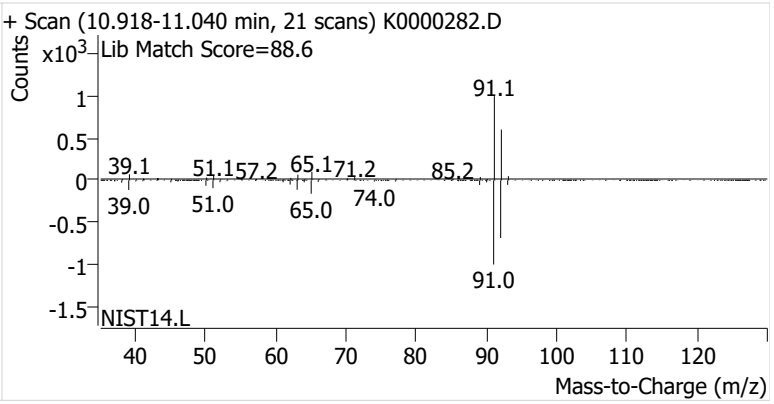
Toluene-d8 (IS)



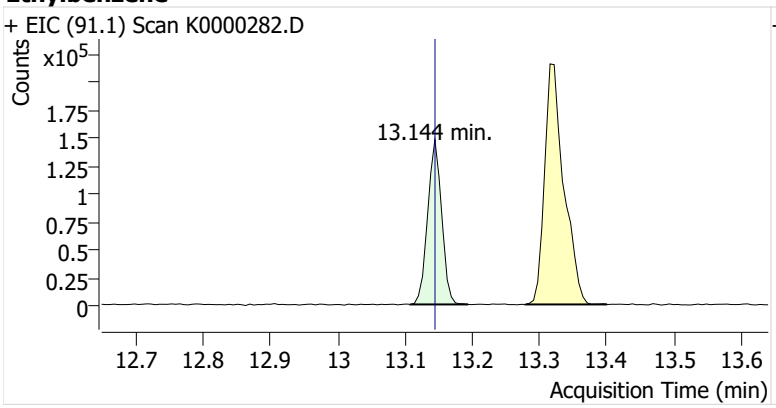


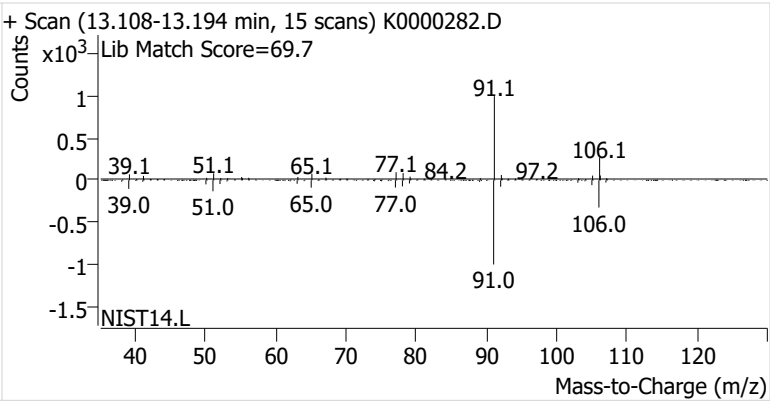
Toluene



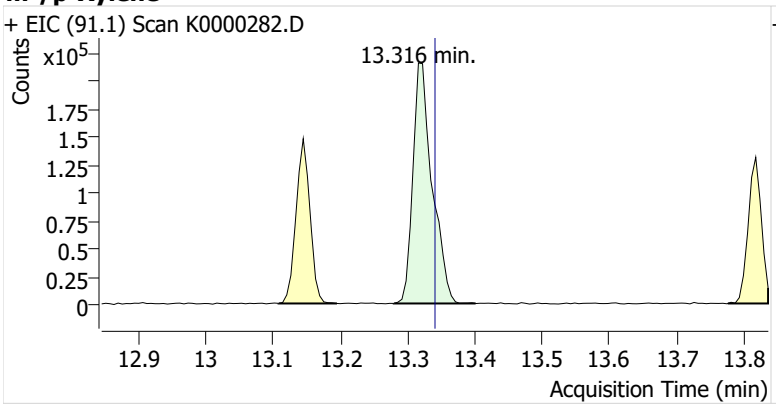


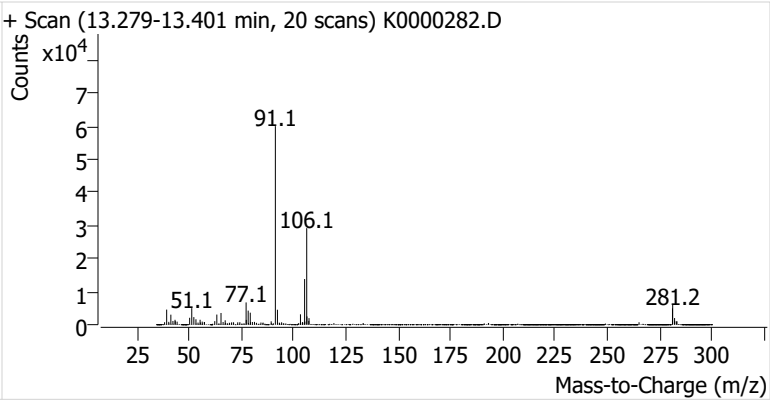
Ethylbenzene



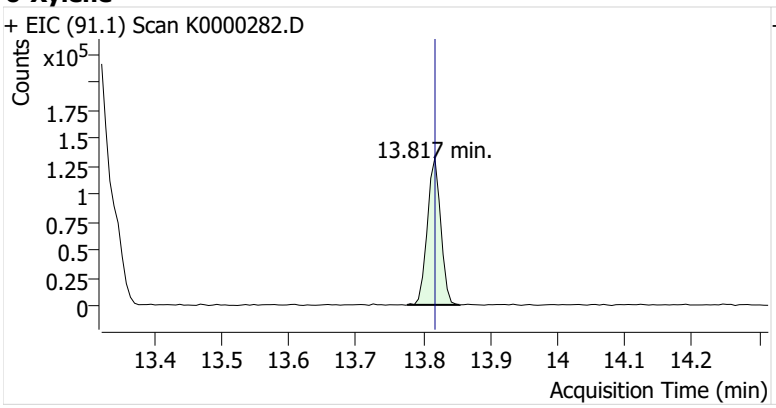


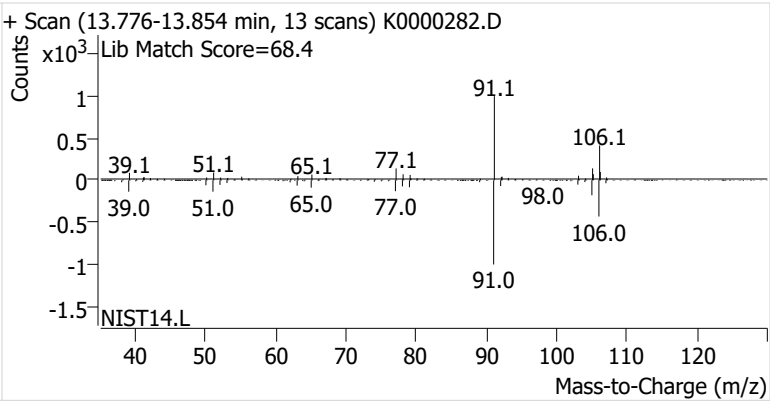
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000282.D
Counts
x10^5
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.817 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.776-13.854 min, 13 scans) K0000282.D
Lib Match Score=68.4
Counts
x10^3
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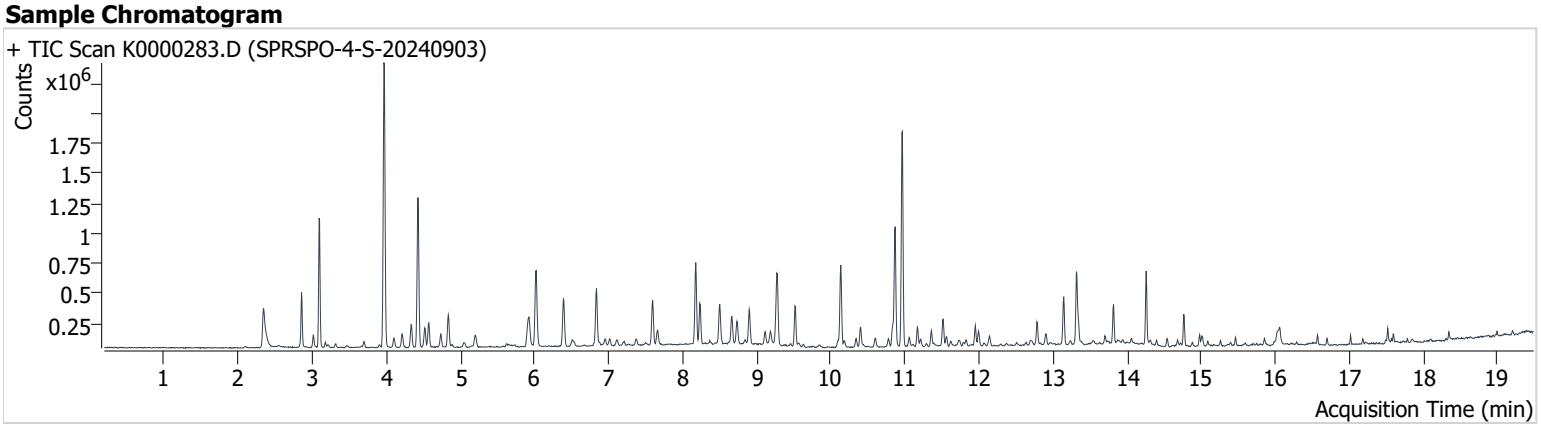
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

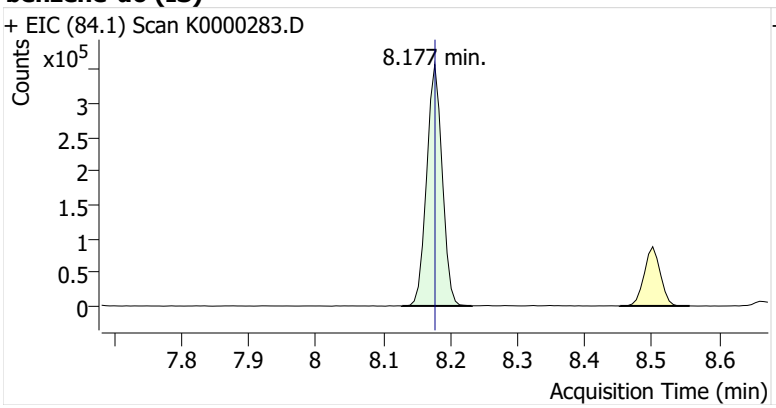
Name	SPRSPO-4-S-20240903
Comment	B42524
Data File	K0000283.D
Acq. Date-Time	9/20/2024 5:44:09 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

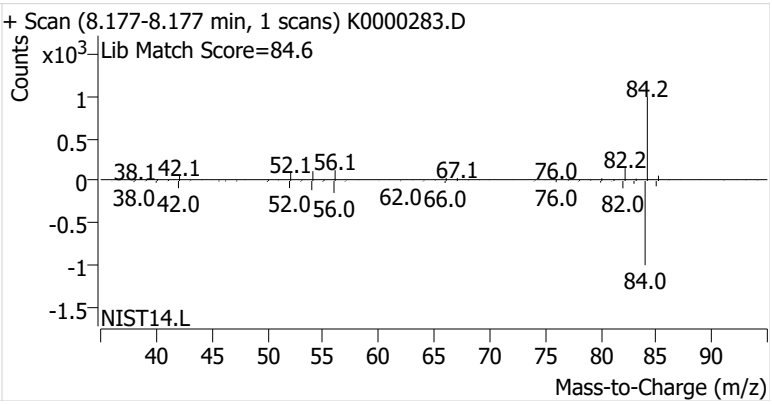
Sample Chromatogram



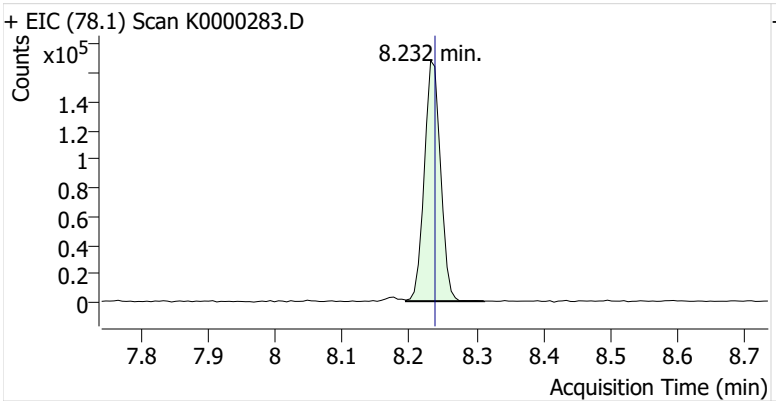
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	574,979	
Benzene	benzene-d6 (IS)	8.232	8.238	281,214	
Toluene-d8 (IS)		10.868	10.869	634,443	
Toluene	Toluene-d8 (IS)	10.960	10.967	1,204,544	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	276,157	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	419,414	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	166,153	

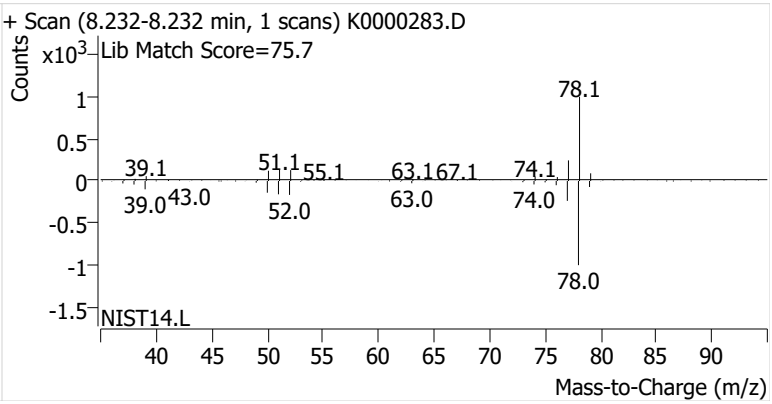
benzene-d6 (IS)



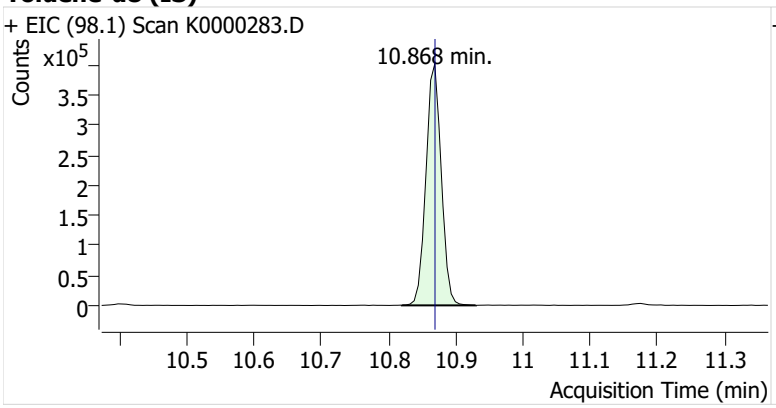


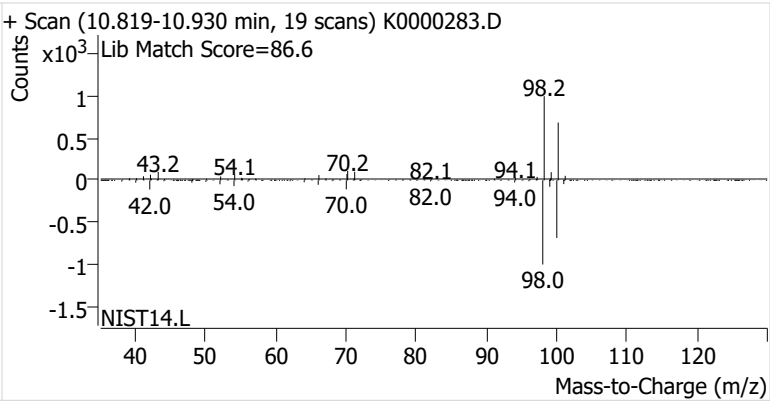
Benzene



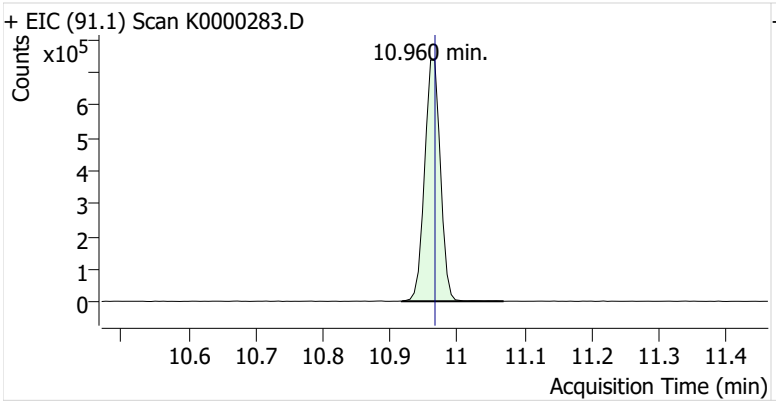


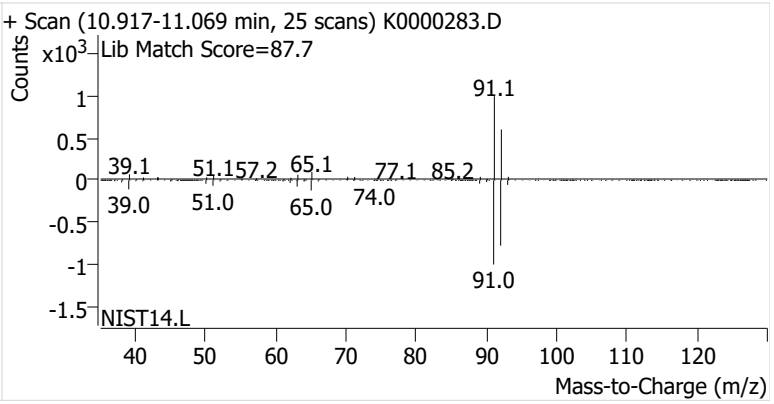
Toluene-d8 (IS)



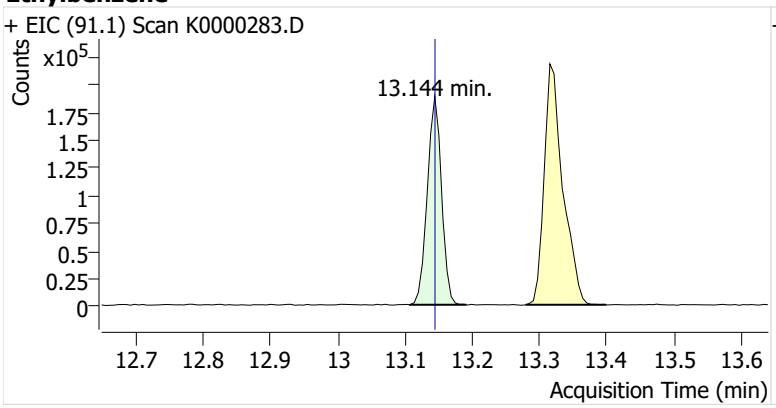


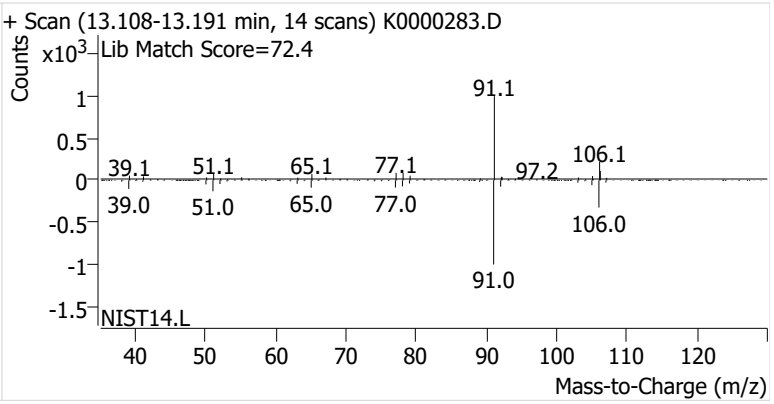
Toluene



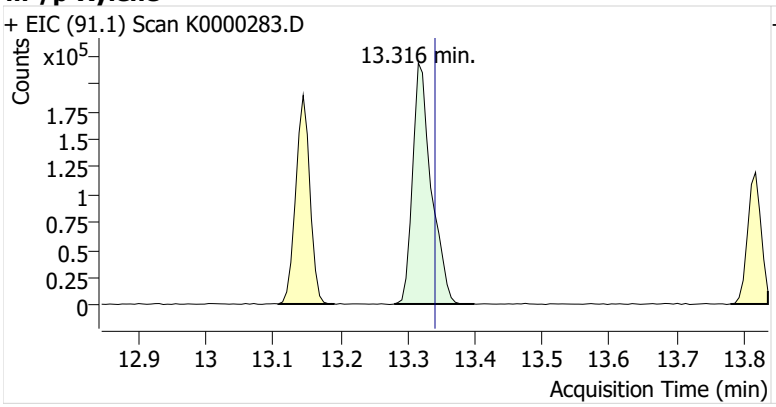


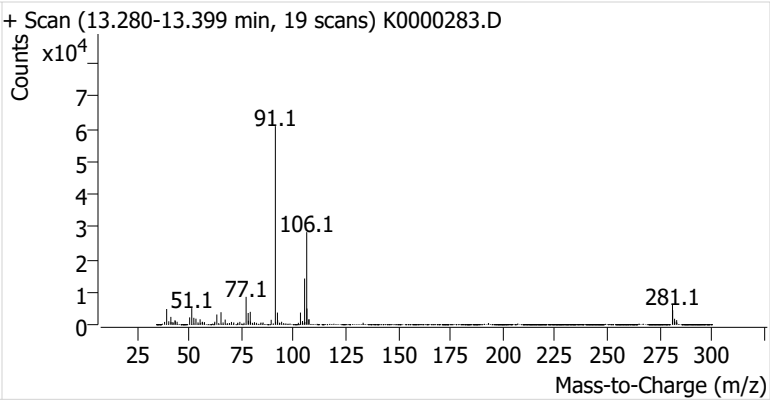
Ethylbenzene



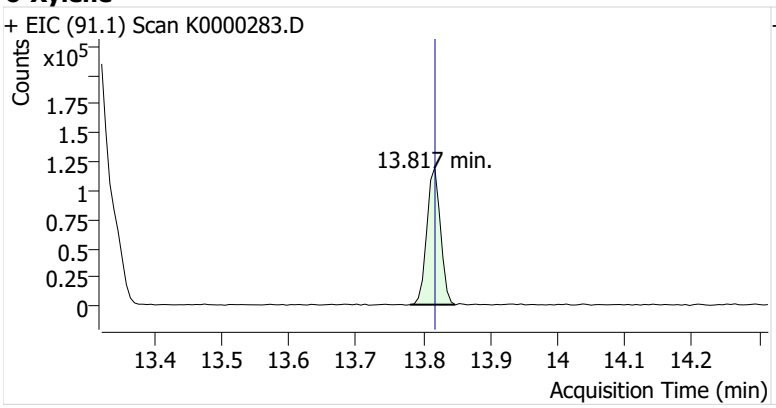


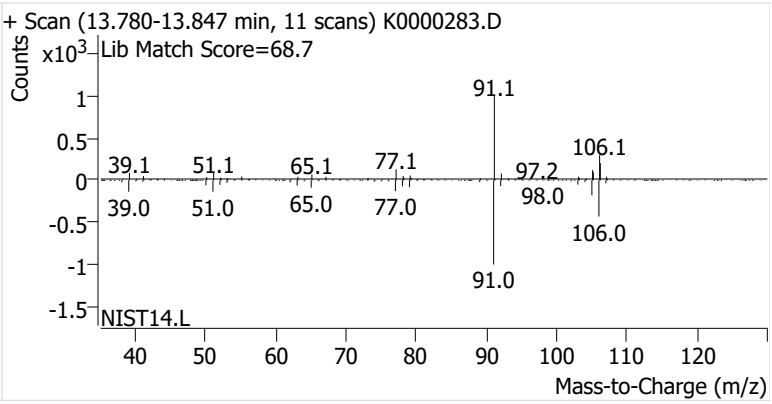
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000283.D
Counts
x10^5
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.780-13.847 min, 11 scans) K0000283.D
Lib Match Score=68.7
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0
-0.5
-1
-1.5
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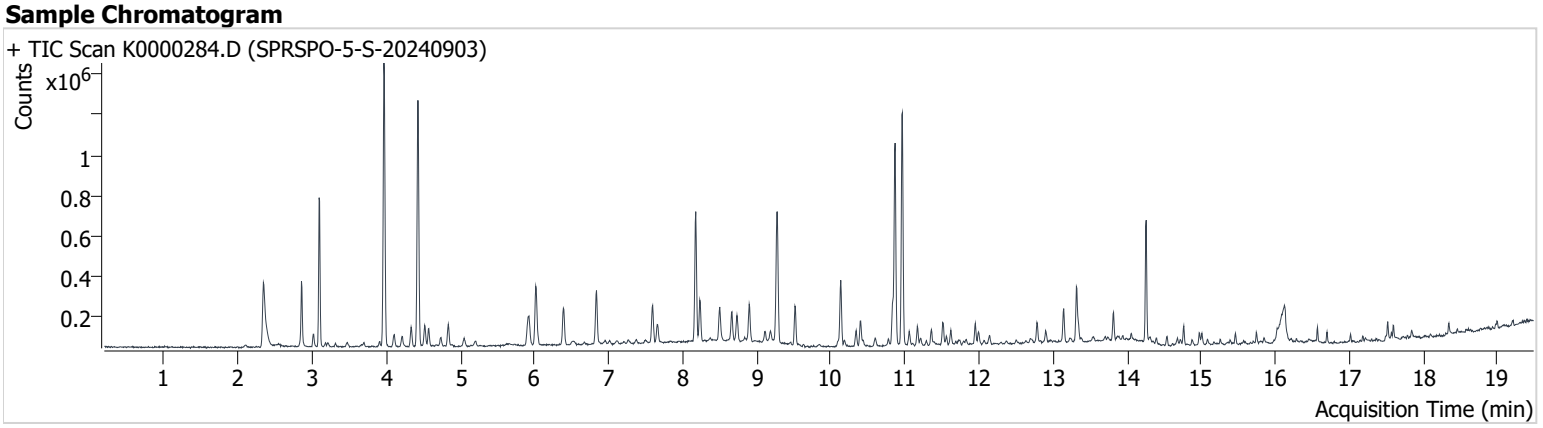
106.1
39.1
51.1
65.1
77.1
97.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

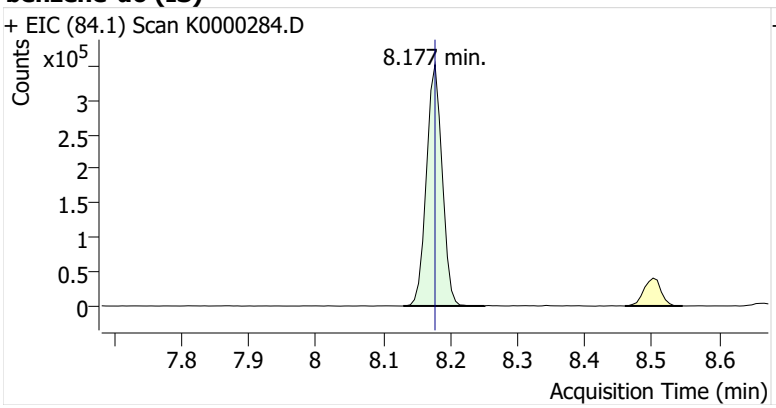
Name	SPRSPO-5-S-20240903
Comment	B43421
Data File	K0000284.D
Acq. Date-Time	9/20/2024 6:11:40 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

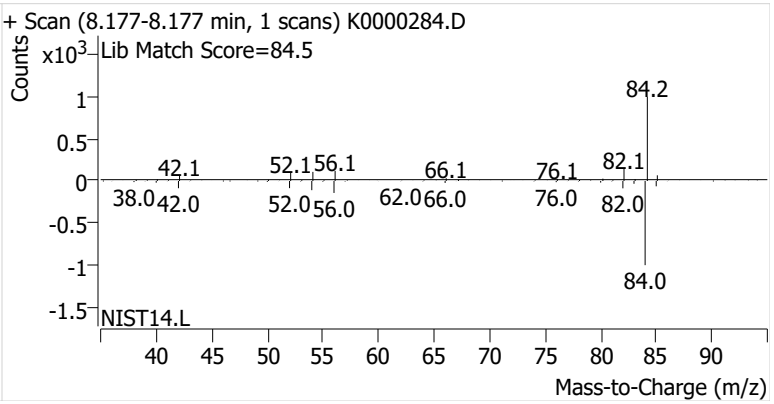
Sample Chromatogram



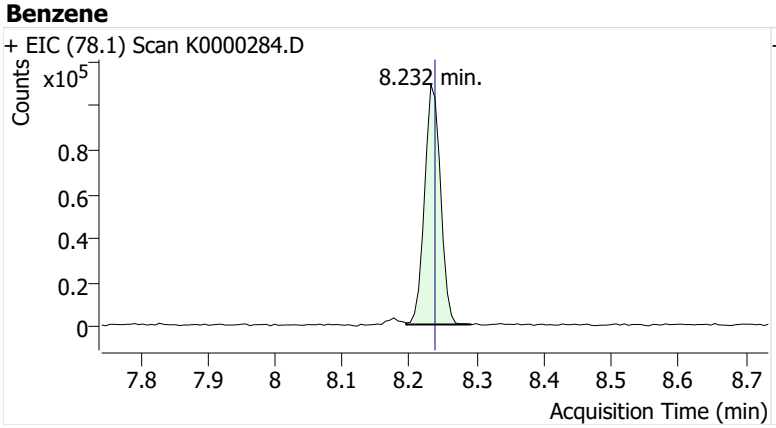
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	572,145	
Benzene	benzene-d6 (IS)	8.232	8.238	178,922	
Toluene-d8 (IS)		10.869	10.869	652,309	
Toluene	Toluene-d8 (IS)	10.961	10.967	718,549	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	112,148	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	187,883	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	70,054	

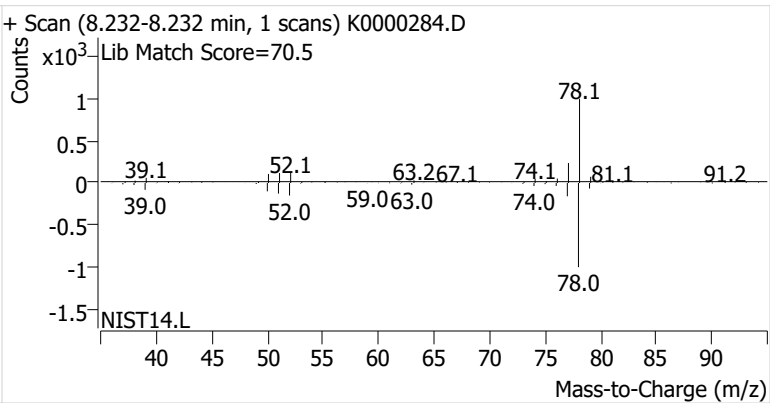
benzene-d6 (IS)



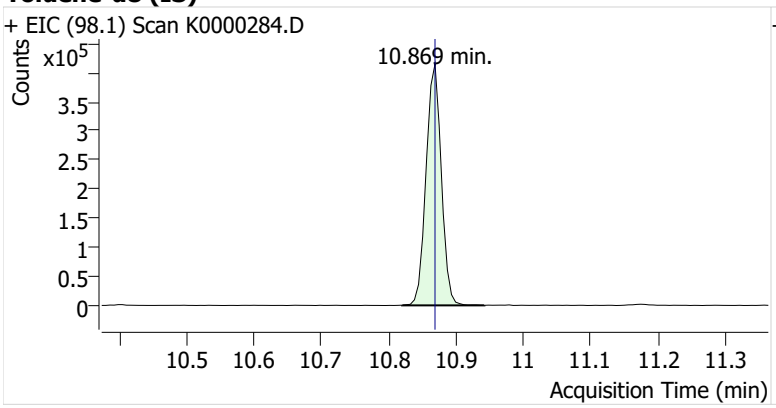


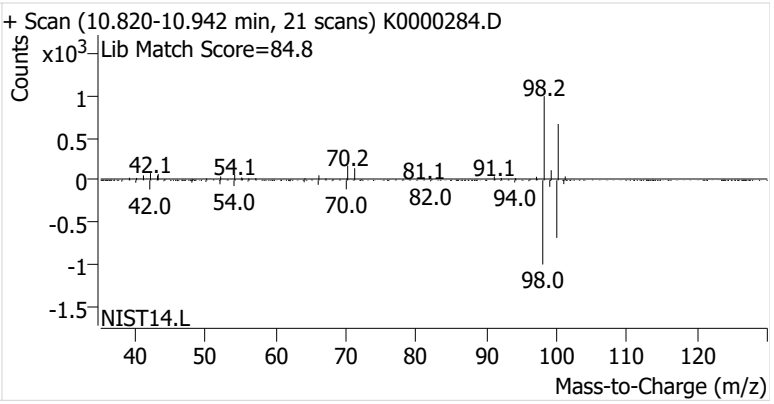
Benzene



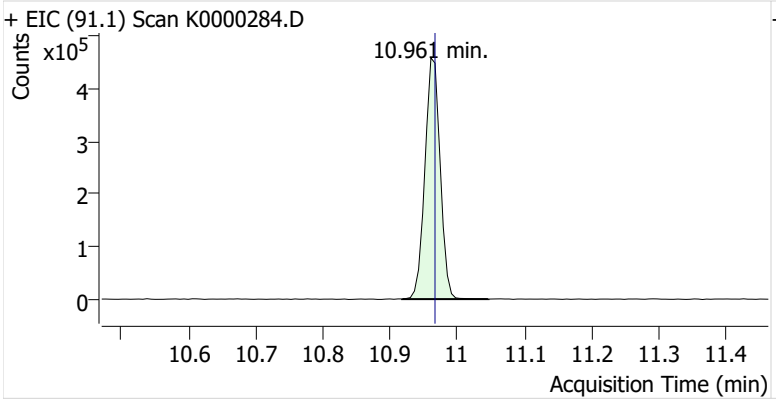


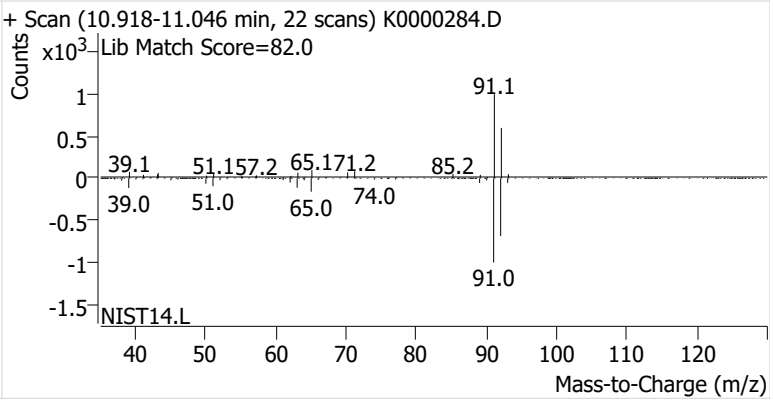
Toluene-d8 (IS)



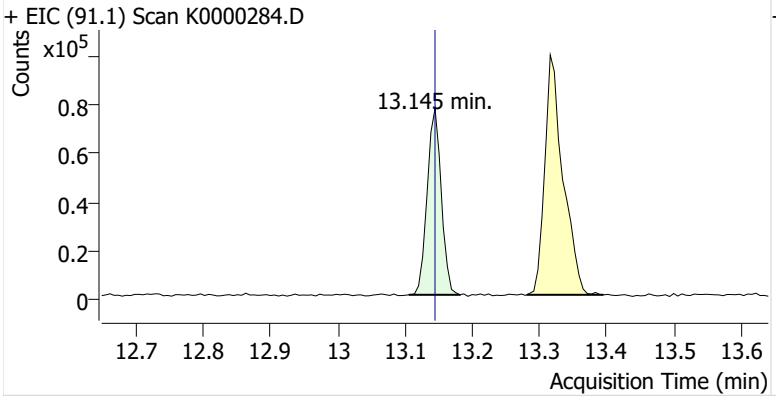


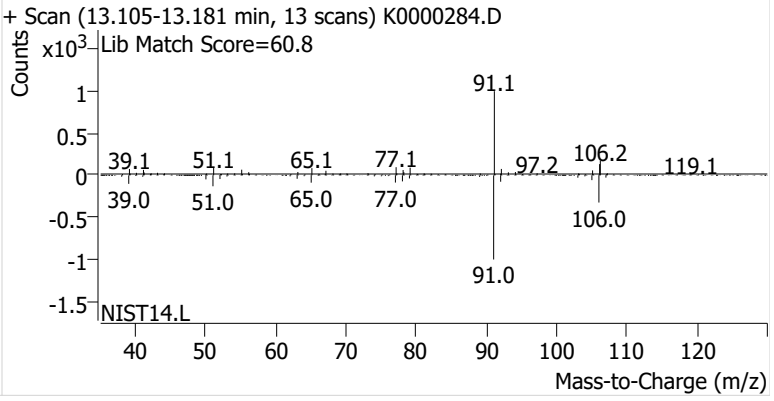
Toluene



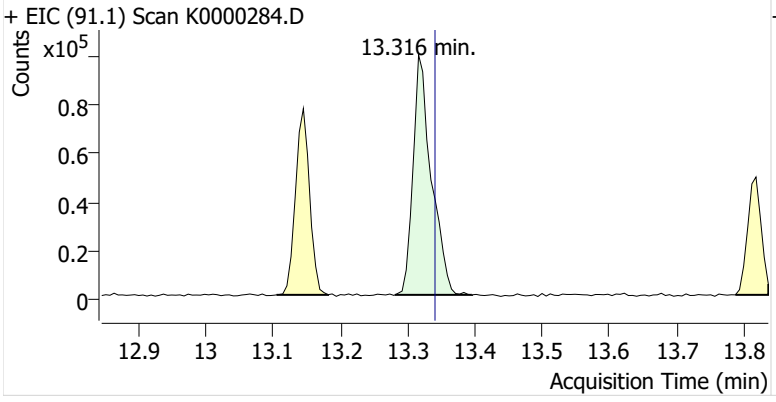


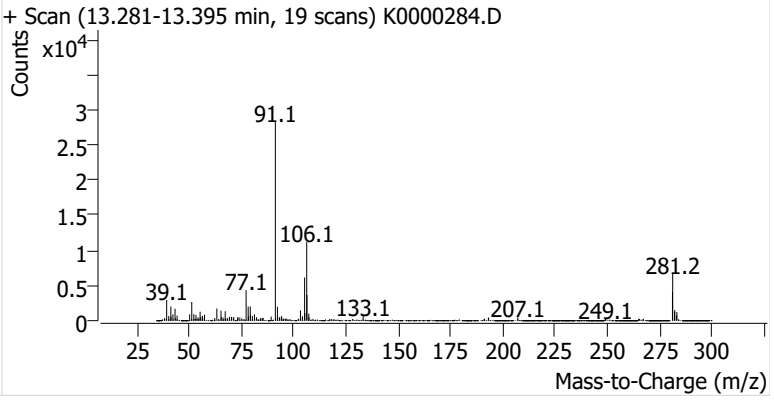
Ethylbenzene



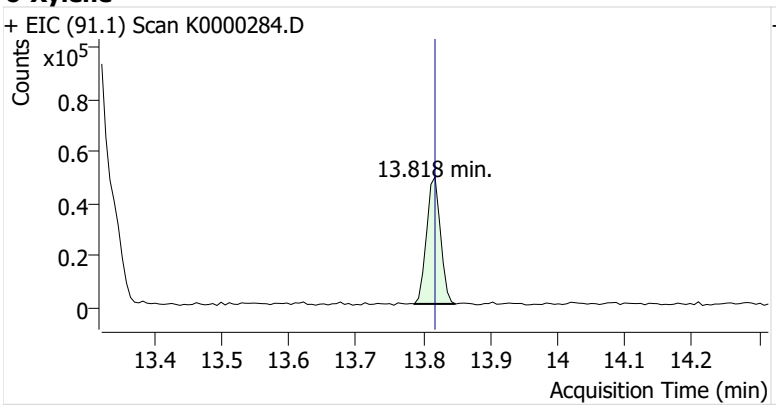


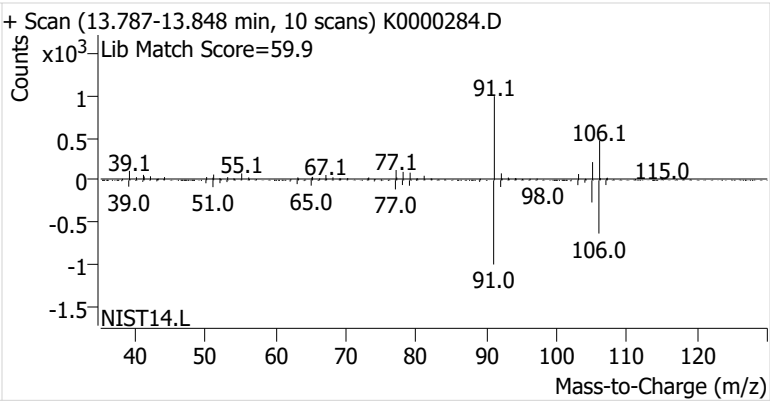
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000284.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.787-13.848 min, 10 scans) K0000284.D
Lib Match Score=59.9
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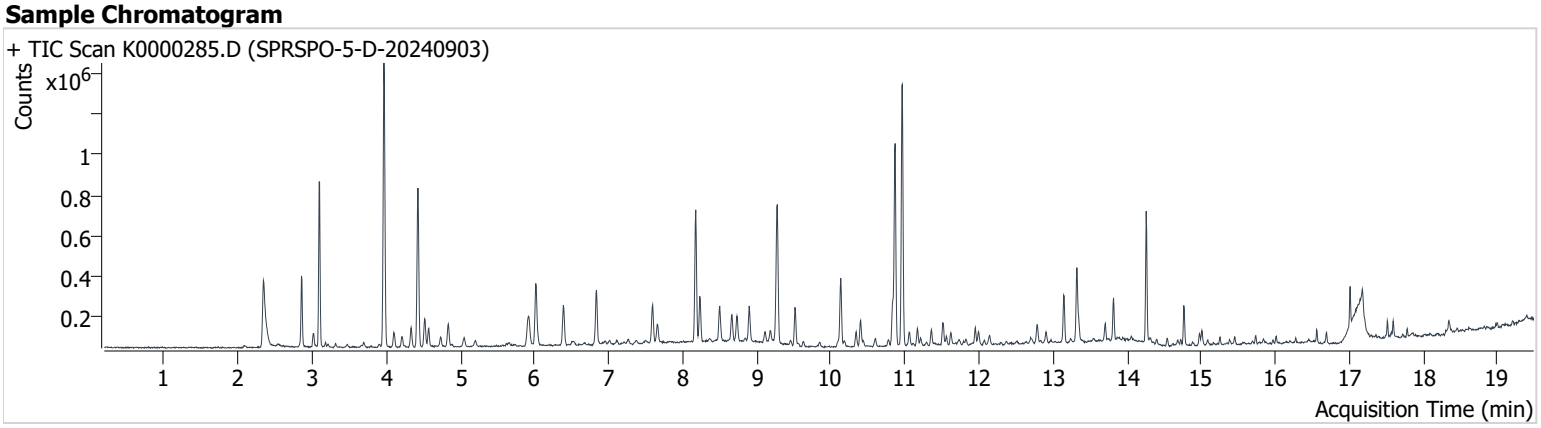
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
77.1
115.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

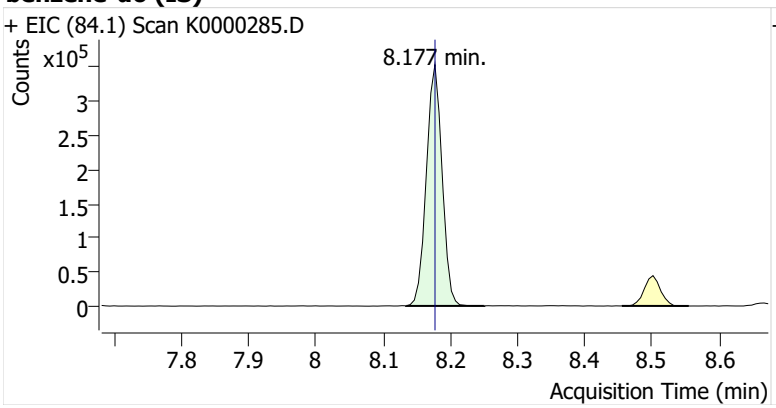
Name	SPRSPO-5-D-20240903
Comment	B49497
Data File	K0000285.D
Acq. Date-Time	9/20/2024 6:39:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

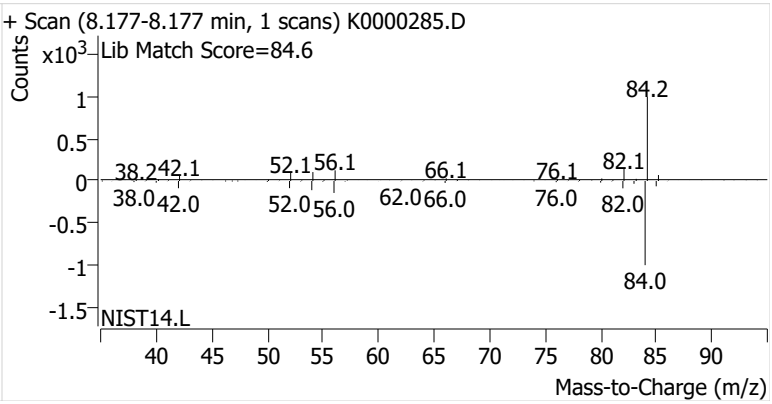
Sample Chromatogram



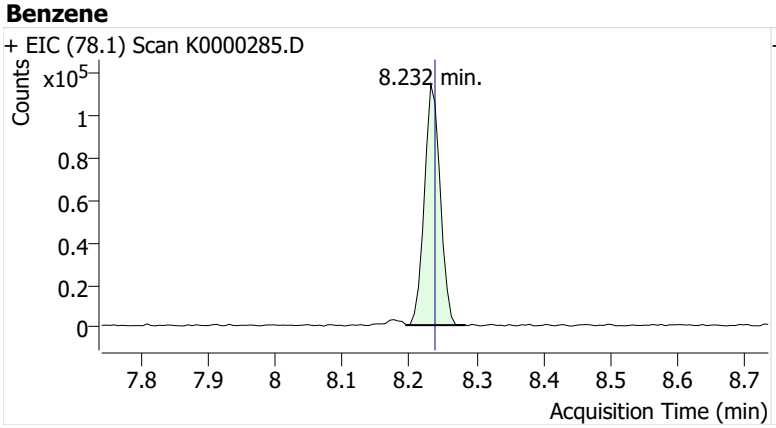
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	572,985	
Benzene	benzene-d6 (IS)	8.232	8.238	184,271	
Toluene-d8 (IS)		10.869	10.869	644,810	
Toluene	Toluene-d8 (IS)	10.960	10.967	818,069	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	163,191	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	244,774	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	104,826	

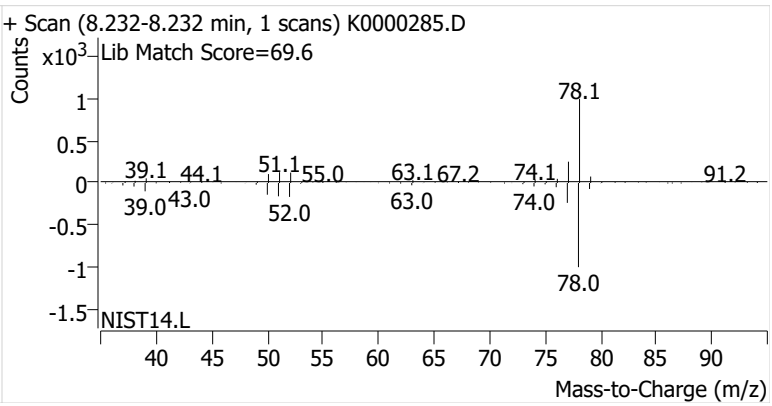
benzene-d6 (IS)



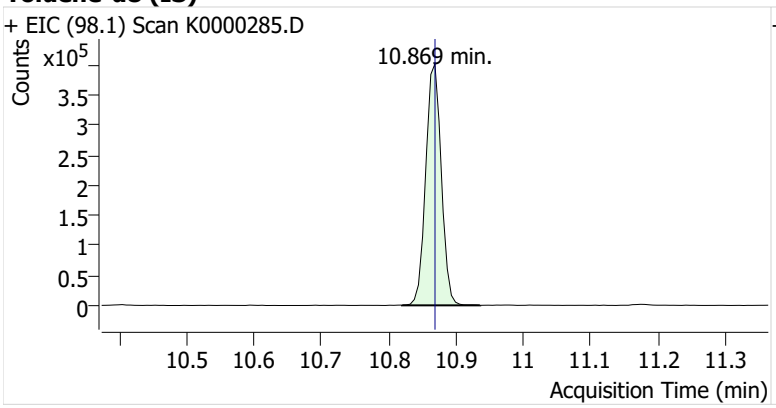


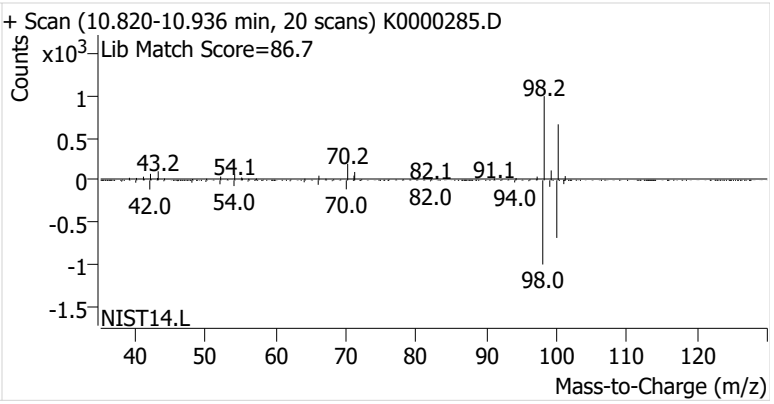
Benzene



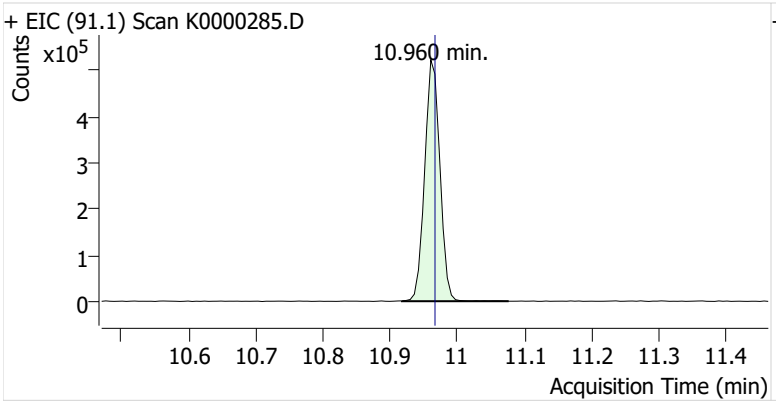


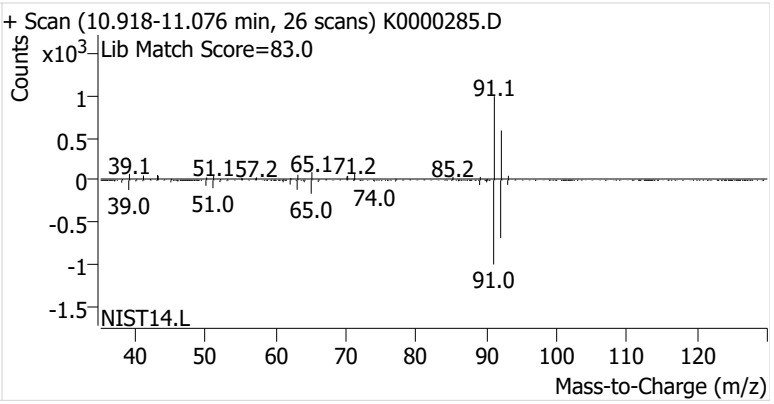
Toluene-d8 (IS)



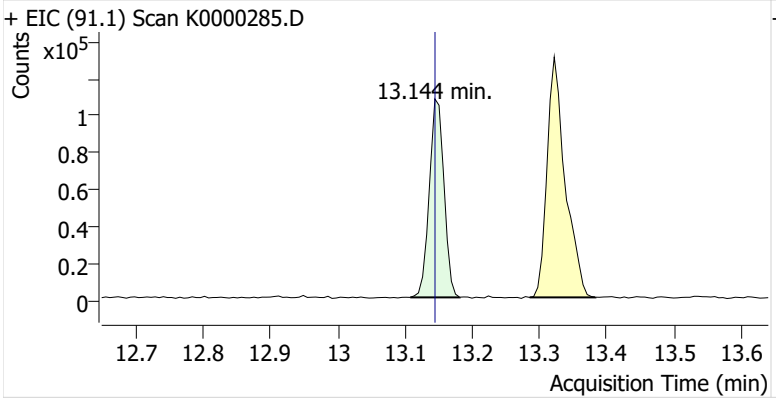


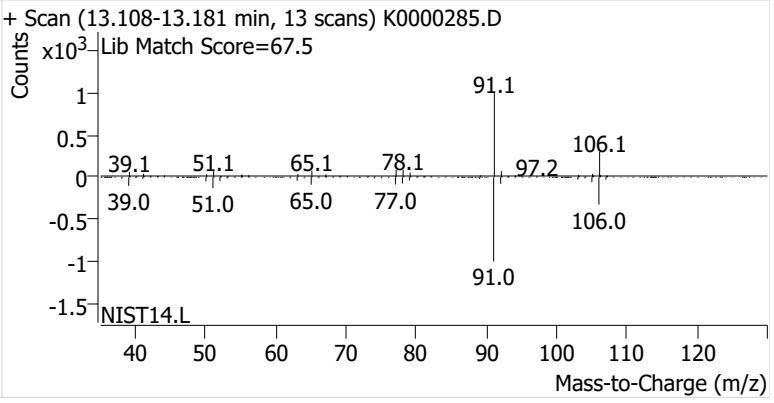
Toluene



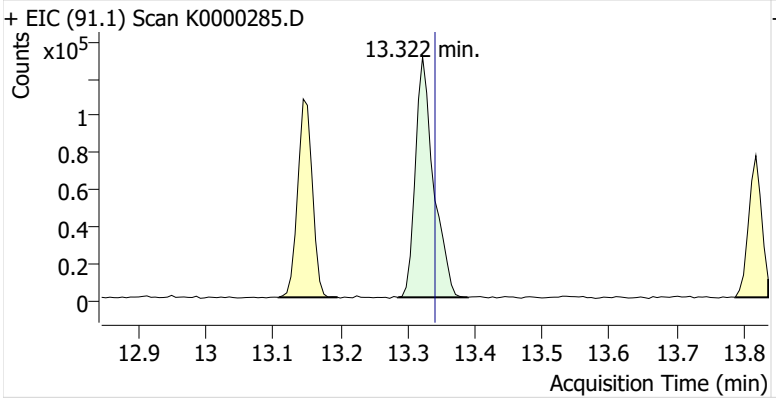


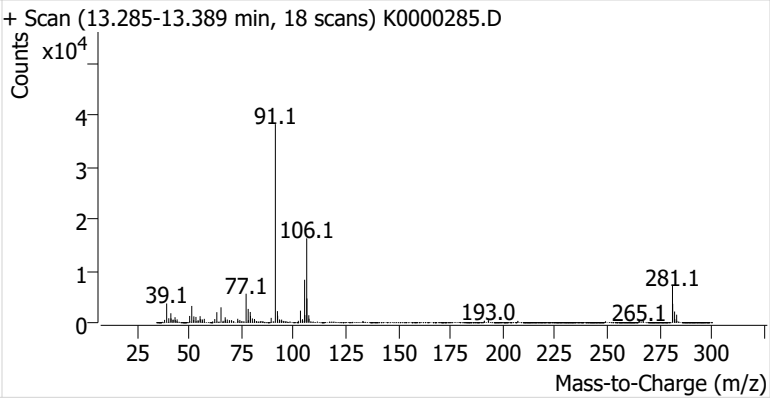
Ethylbenzene



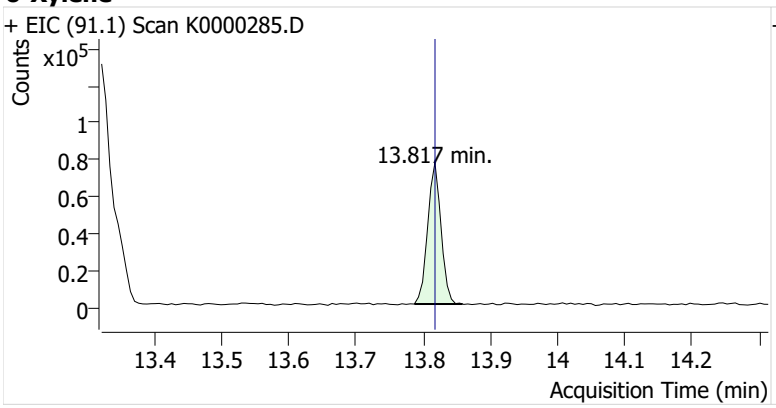


m-/p-Xylene





o-Xylene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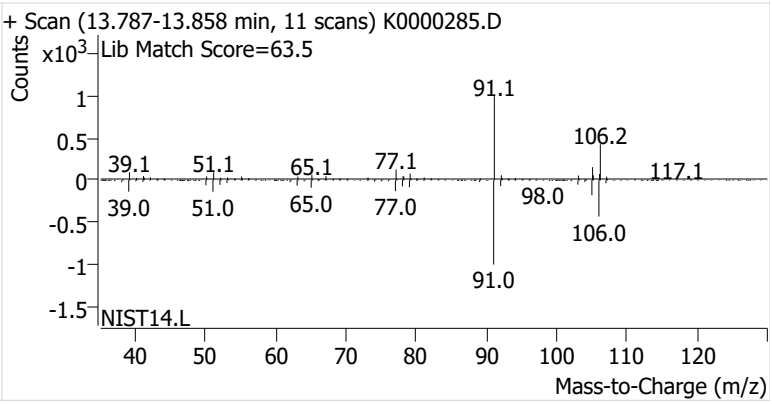
0.4
0.2
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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Lib Match Score=63.5
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-1.5
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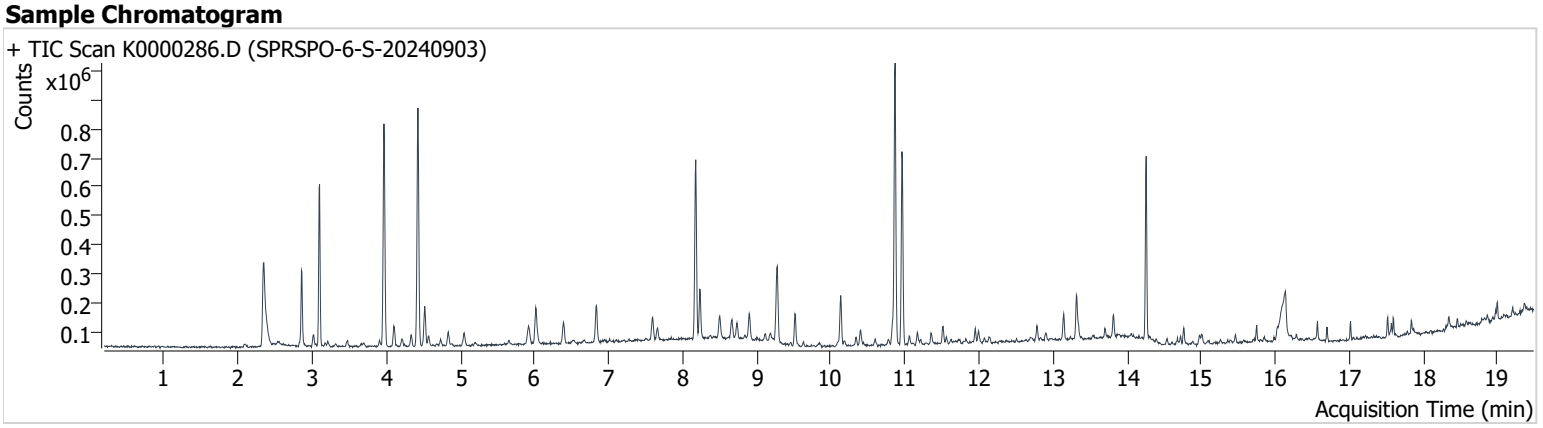
39.1
51.1
65.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

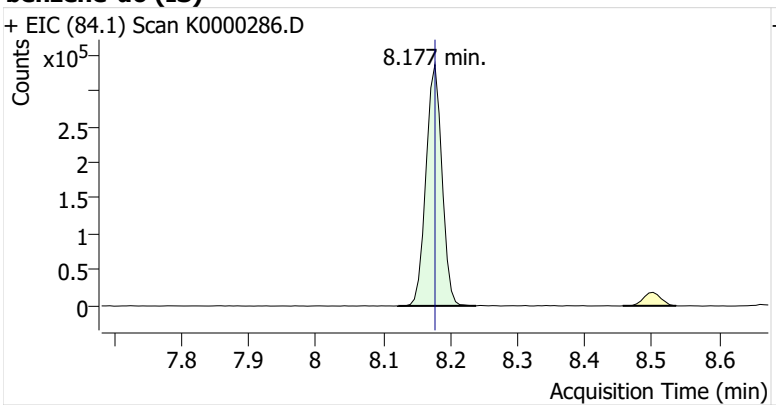
Name	SPRSPO-6-S-20240903
Comment	B19353
Data File	K0000286.D
Acq. Date-Time	9/20/2024 7:07:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

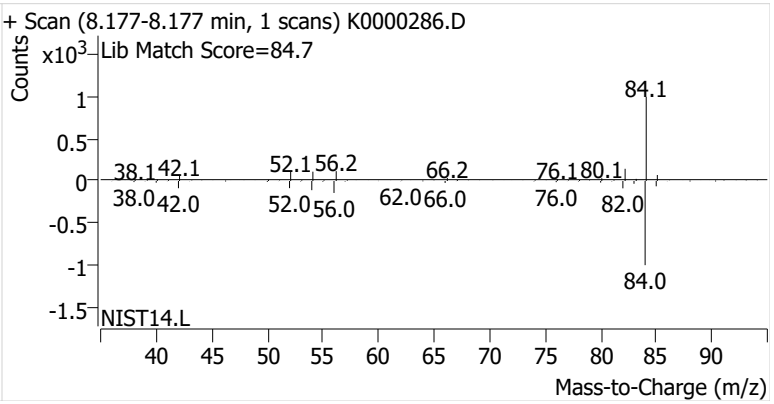
Sample Chromatogram



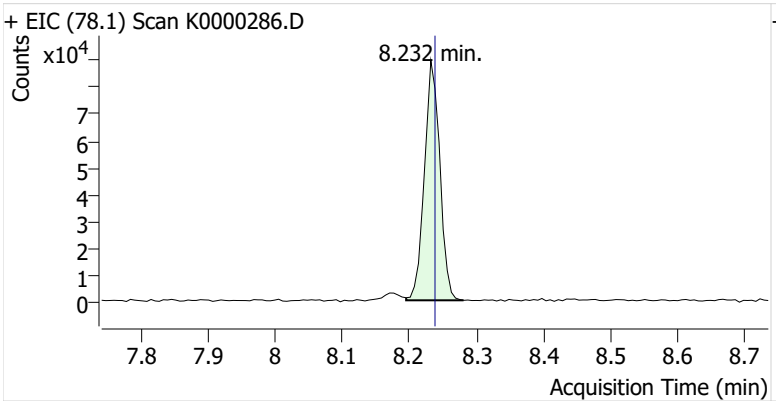
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	553,757	
Benzene	benzene-d6 (IS)	8.232	8.238	141,745	
Toluene-d8 (IS)		10.869	10.869	624,686	
Toluene	Toluene-d8 (IS)	10.960	10.967	431,615	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	59,534	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	106,007	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	42,229	

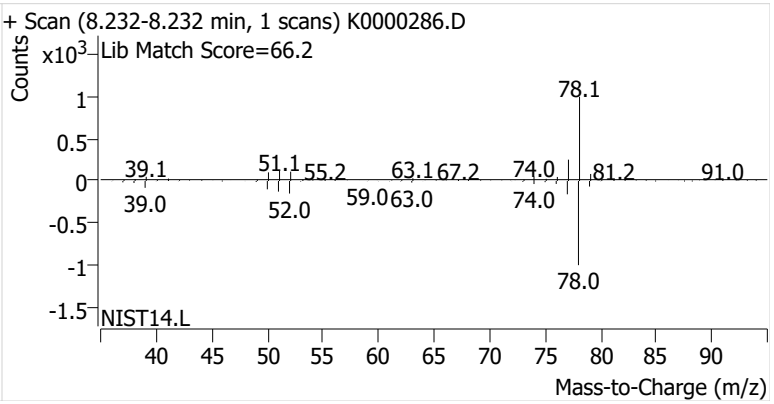
benzene-d6 (IS)



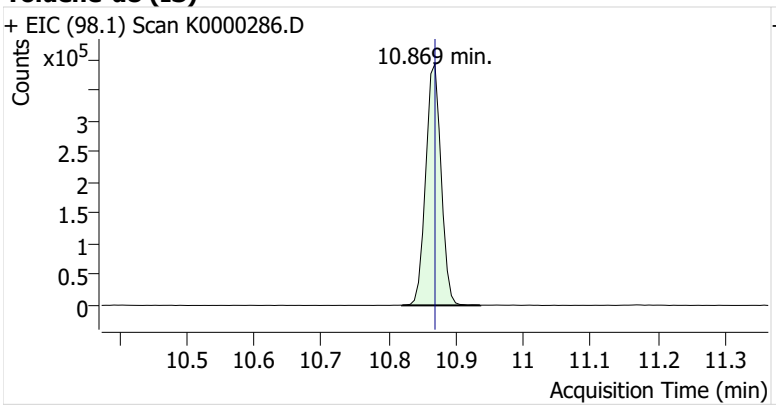


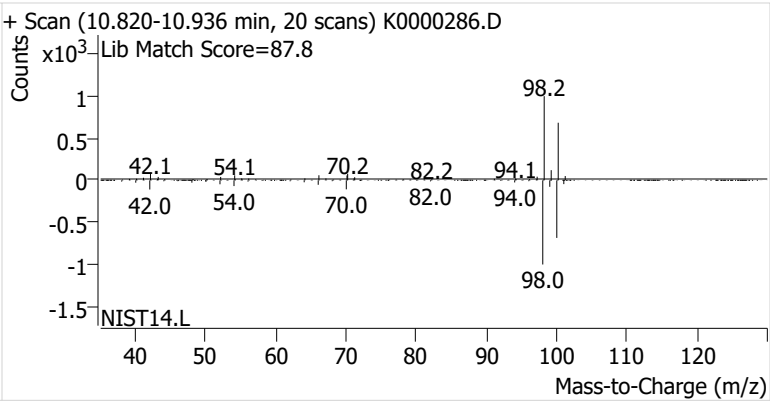
Benzene



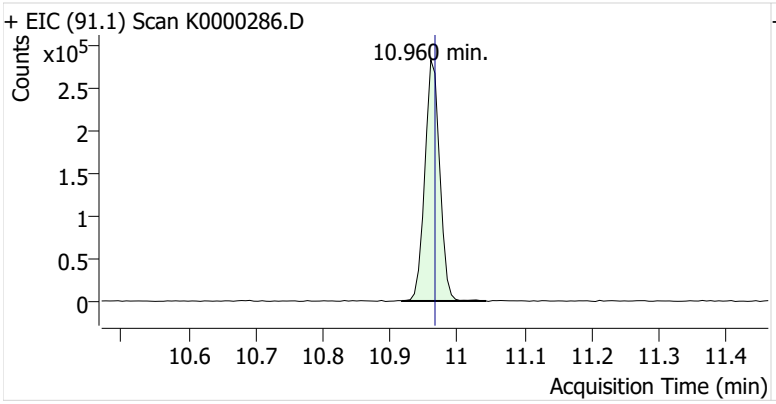


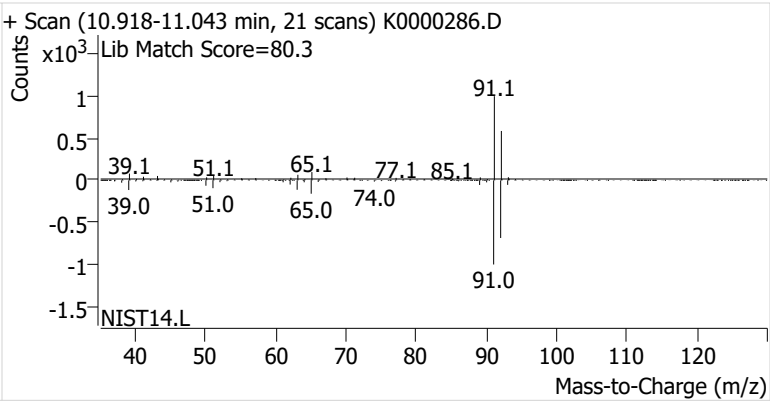
Toluene-d8 (IS)



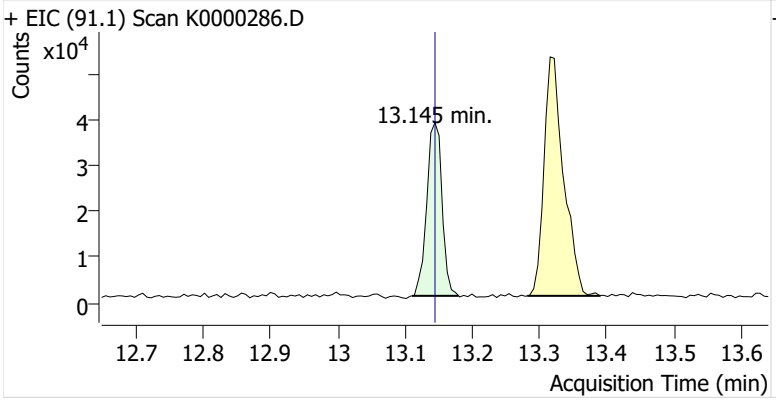


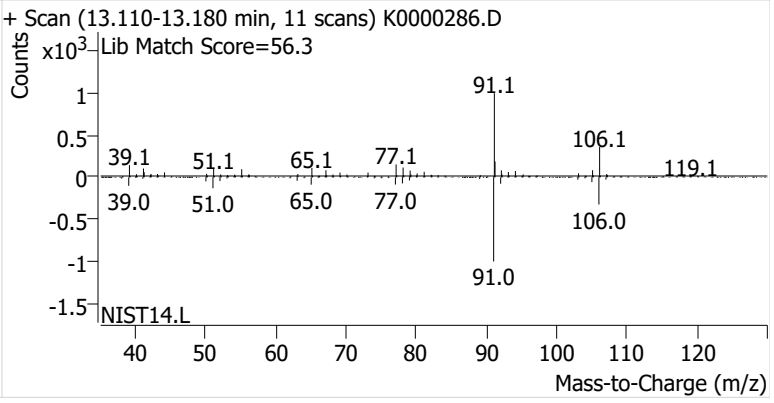
Toluene



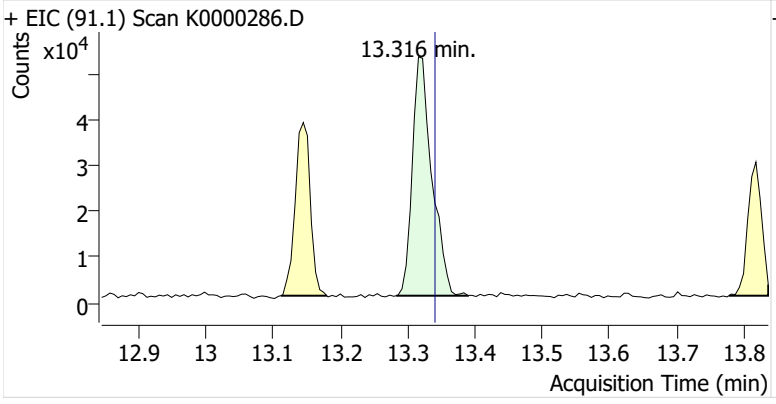


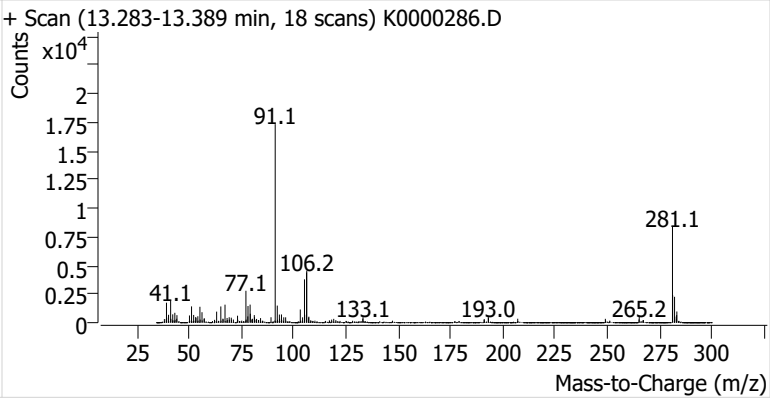
Ethylbenzene



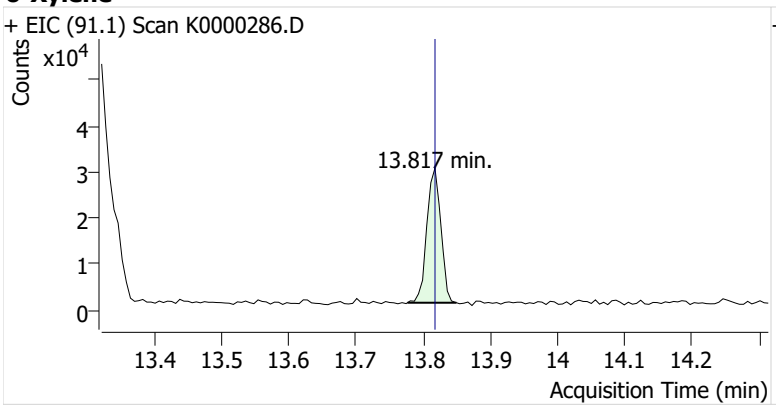


m-/p-Xylene





o-Xylene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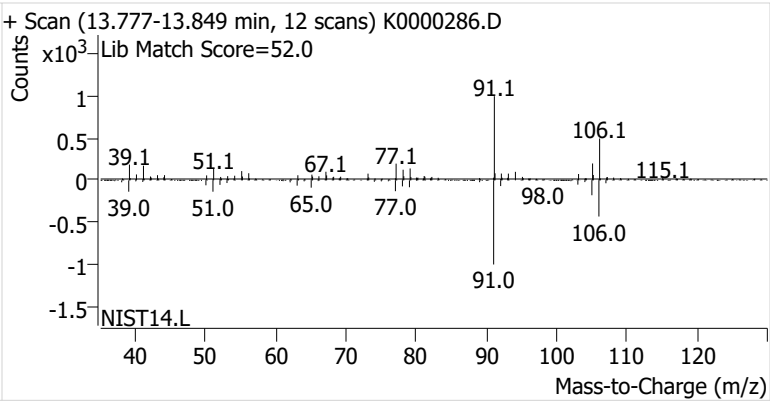
Counts
x10^4
13.817 min.
Acquisition Time (min)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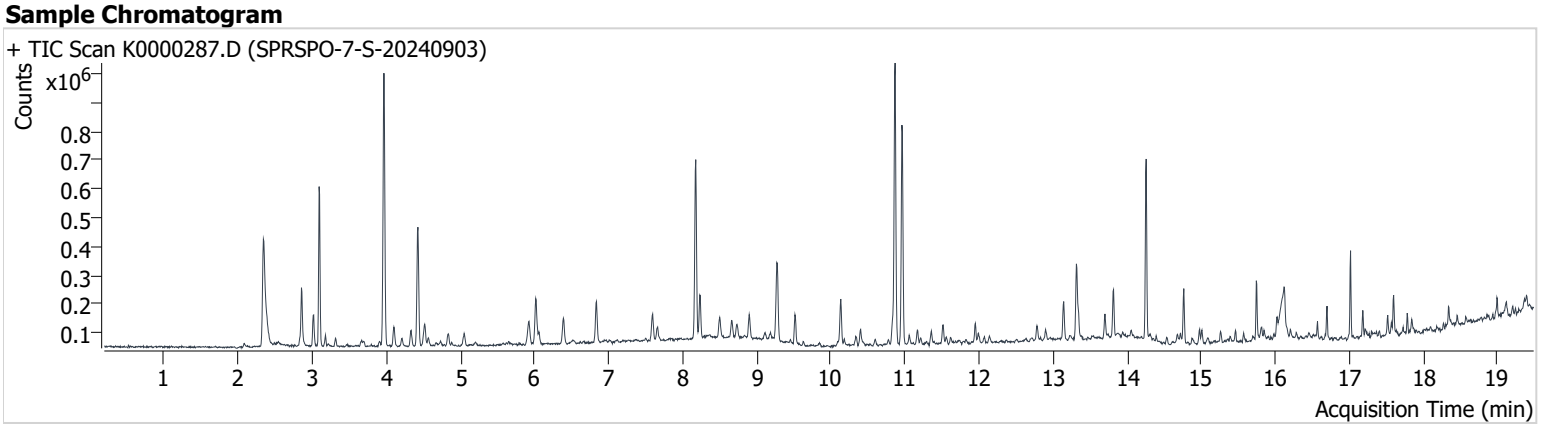
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
Mass-to-Charge (m/z)

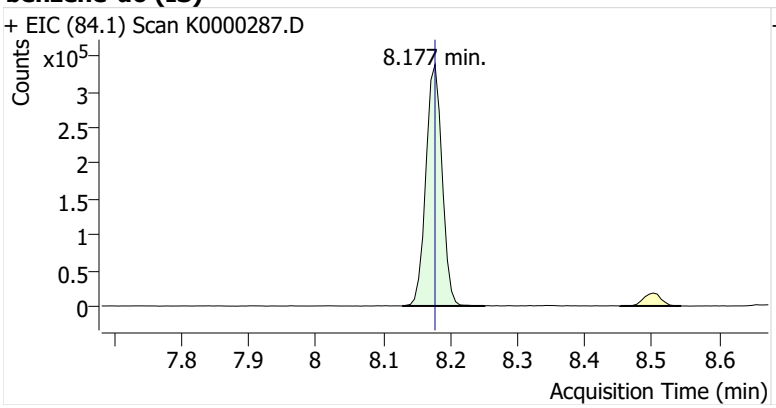
Name	SPRSPO-7-S-20240903
Comment	C39138
Data File	K0000287.D
Acq. Date-Time	9/20/2024 7:35:12 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

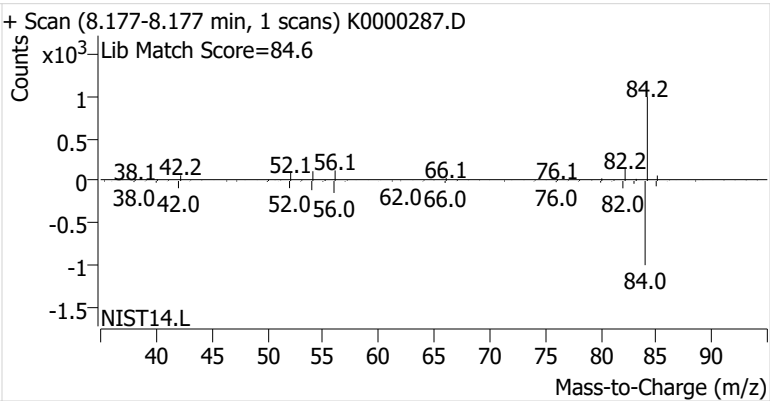
Sample Chromatogram



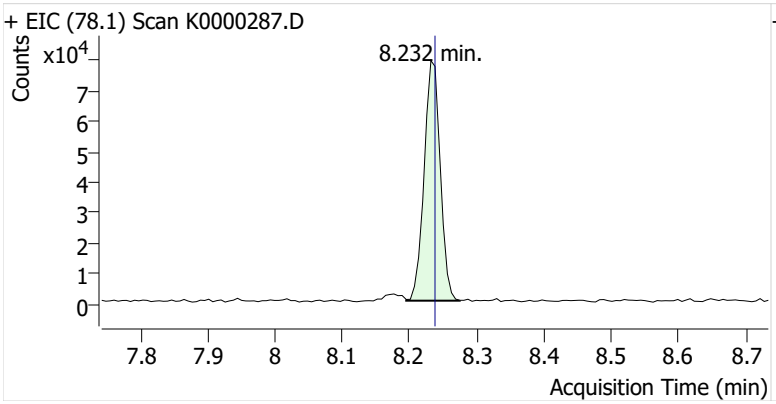
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	567,064	
Benzene	benzene-d6 (IS)	8.232	8.238	131,141	
Toluene-d8 (IS)		10.869	10.869	633,916	
Toluene	Toluene-d8 (IS)	10.961	10.967	498,330	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	90,722	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	188,423	
o-Xylene	Toluene-d8 (IS)	13.811	13.818	85,750	

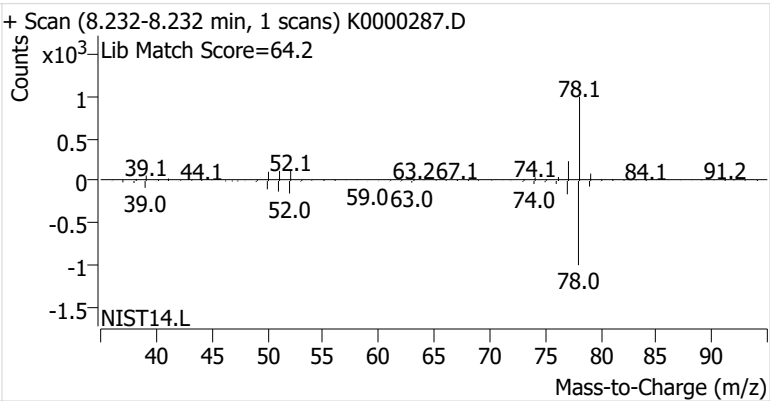
benzene-d6 (IS)



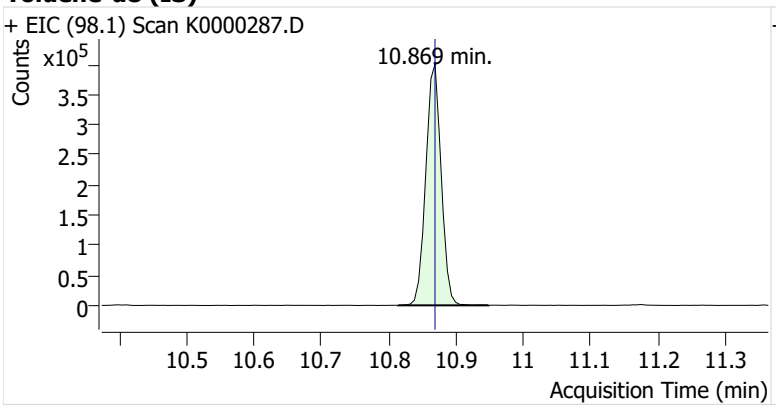


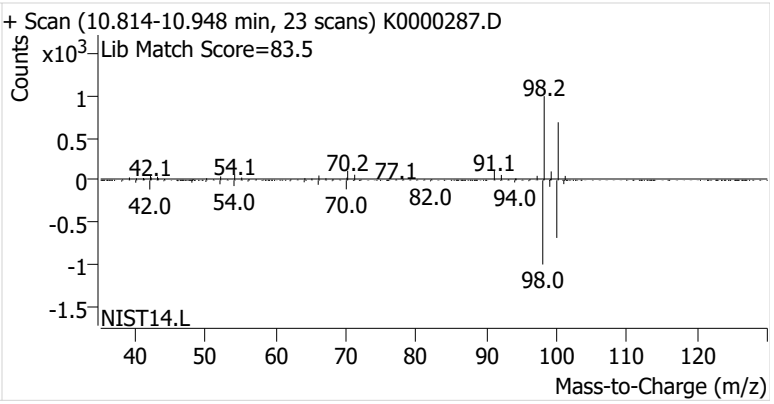
Benzene



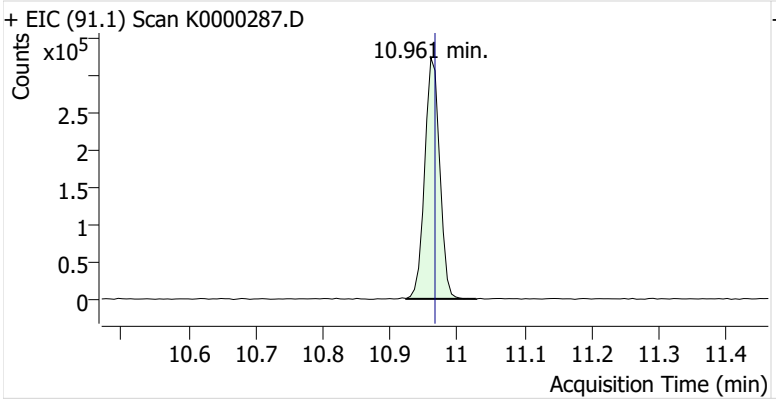


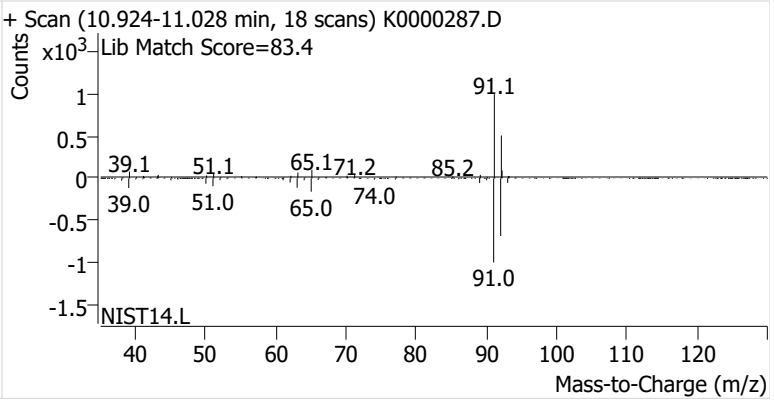
Toluene-d8 (IS)



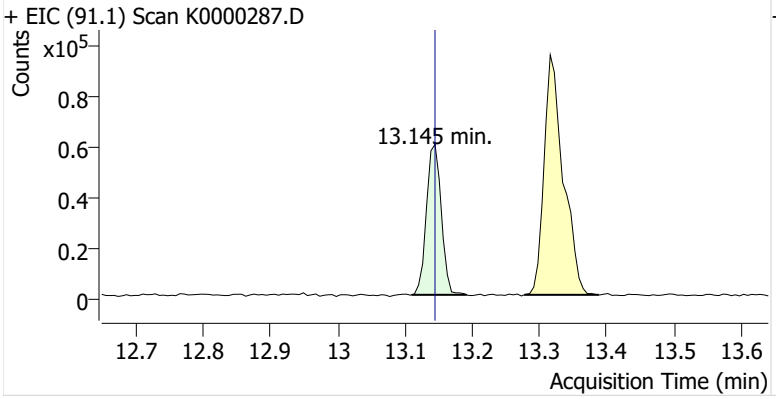


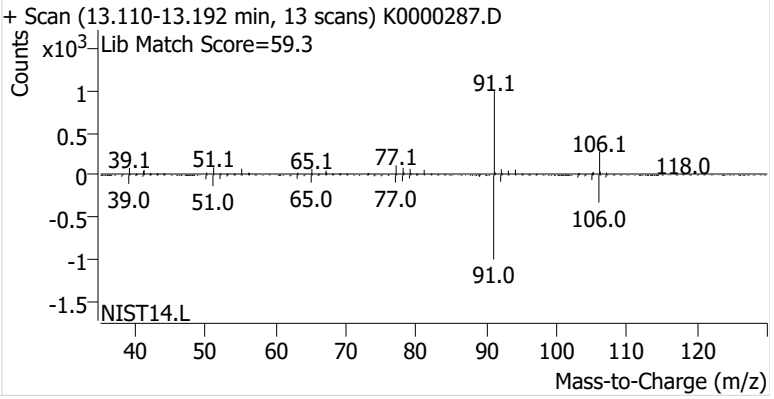
Toluene



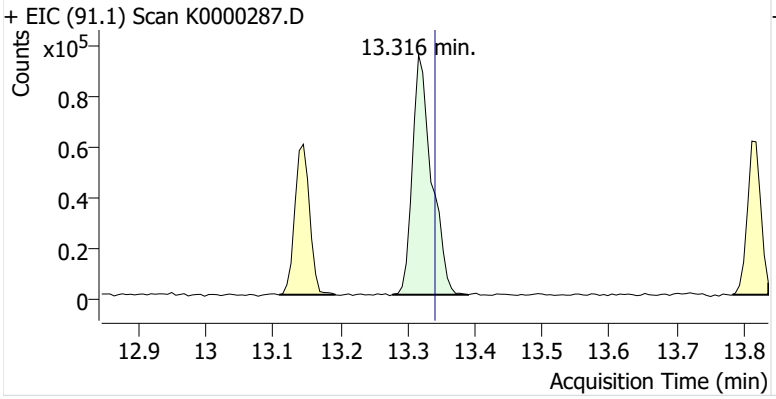


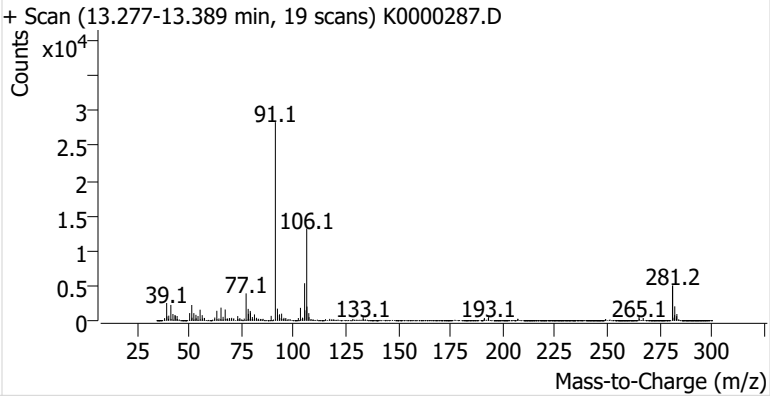
Ethylbenzene



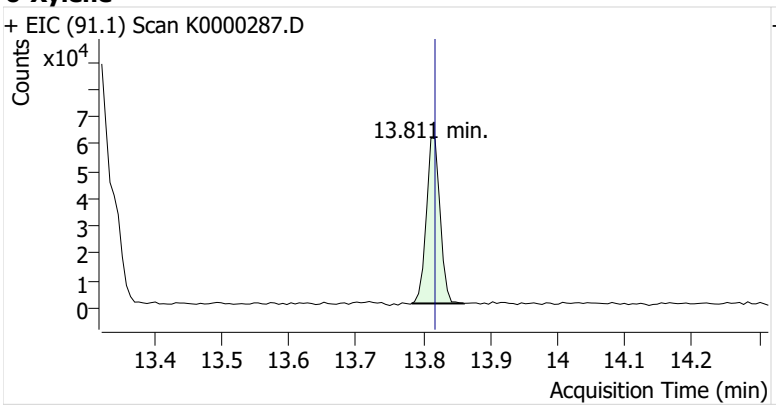


m-/p-Xylene





o-Xylene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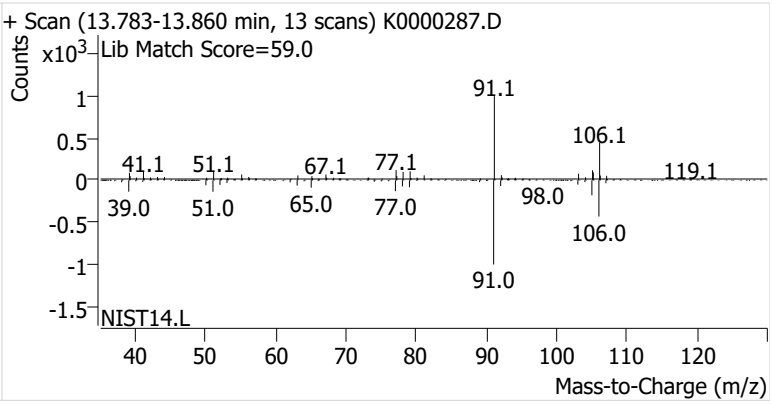
Acquisition Time (min)


+ Scan (13.783-13.860 min, 13 scans) K0000287.D
Lib Match Score=59.0
Counts
x10^3
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106.1
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67.1
77.1
119.1
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39.0
51.0
65.0
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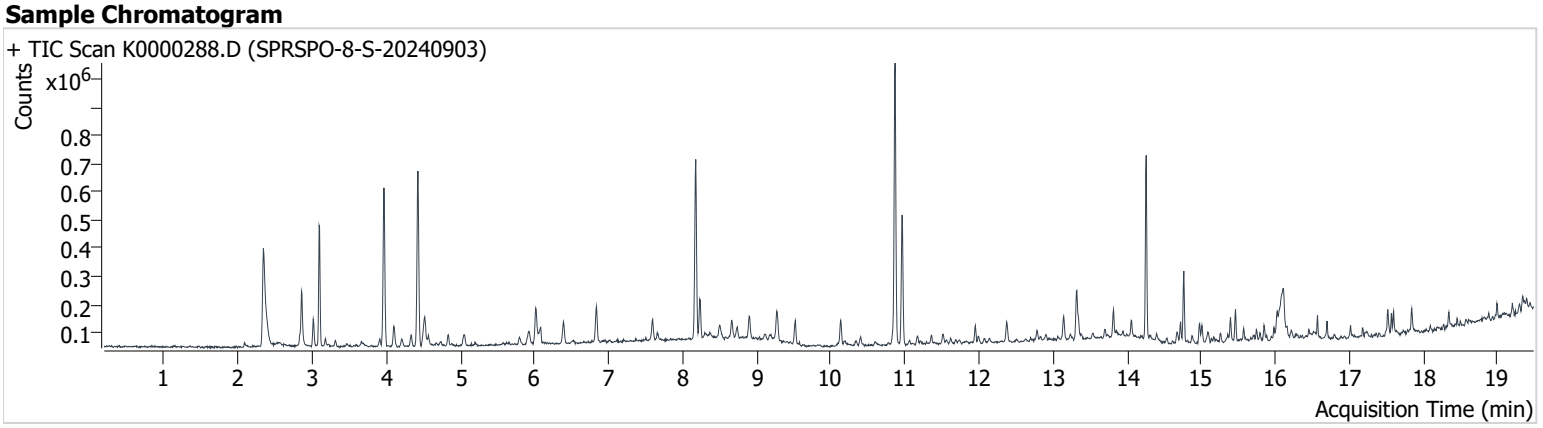
106.0
91.0
NIST14.L
Mass-to-Charge (m/z)

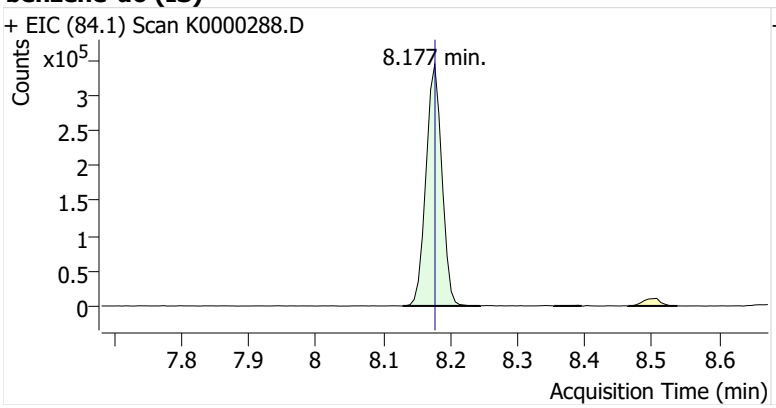
Name	SPRSPO-8-S-20240903
Comment	C34159
Data File	K0000288.D
Acq. Date-Time	9/20/2024 8:02:45 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

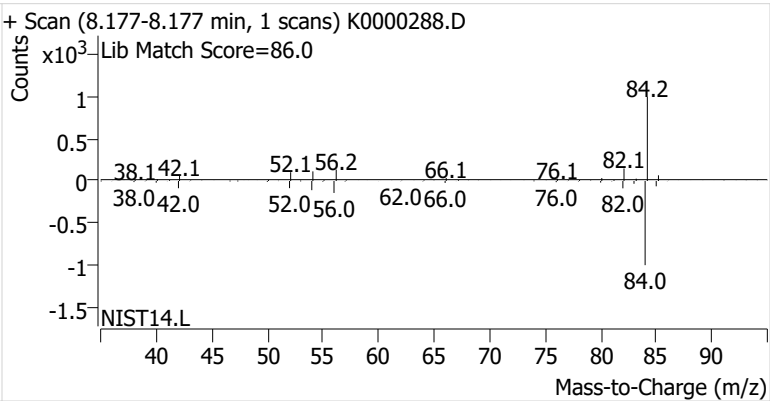
Sample Chromatogram



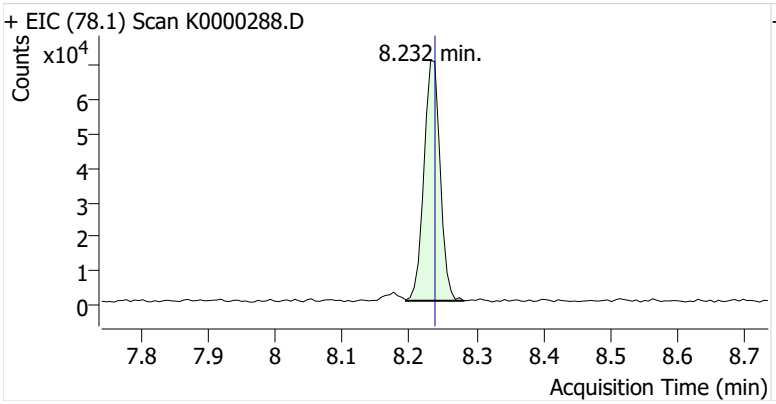
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	565,914	
Benzene	benzene-d6 (IS)	8.232	8.238	118,596	
Toluene-d8 (IS)		10.868	10.869	643,406	
Toluene	Toluene-d8 (IS)	10.960	10.967	302,205	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	54,129	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	126,490	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	51,944	

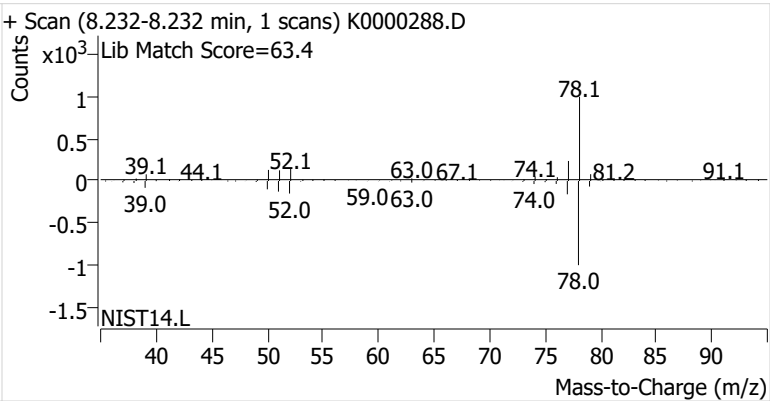
benzene-d6 (IS)



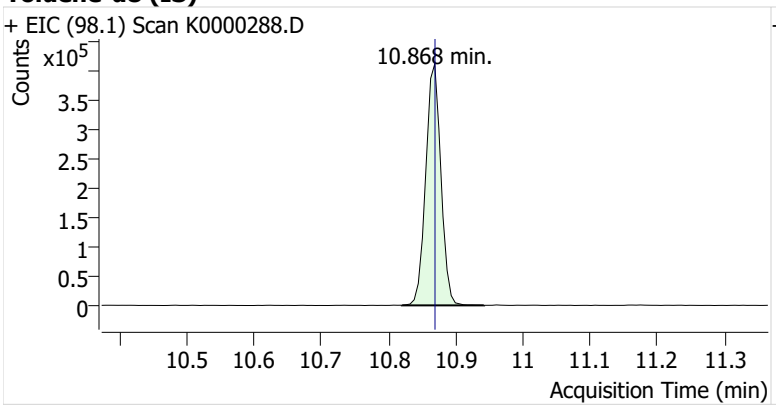


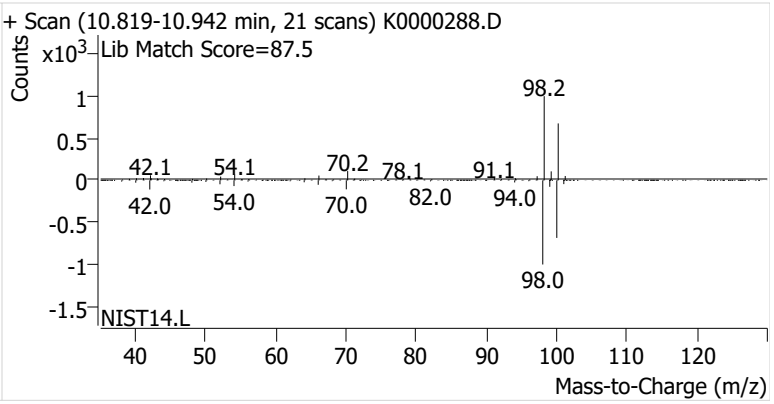
Benzene



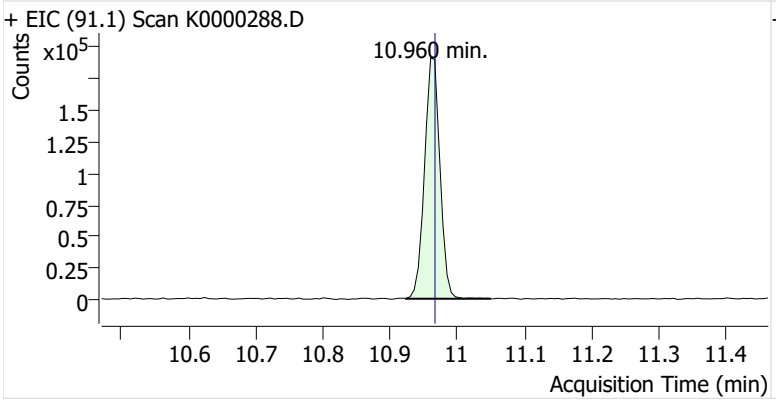


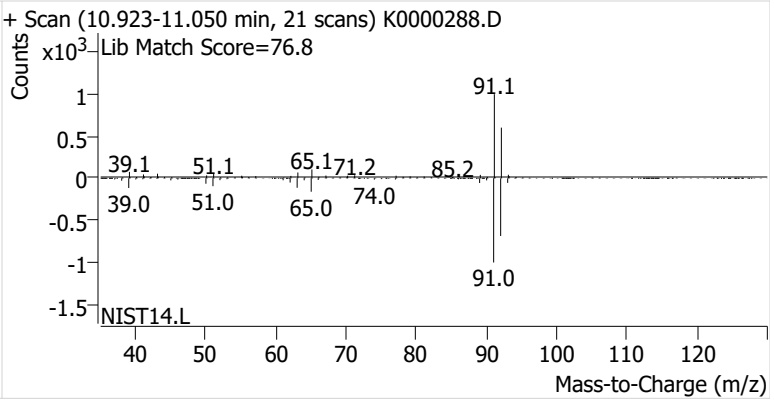
Toluene-d8 (IS)



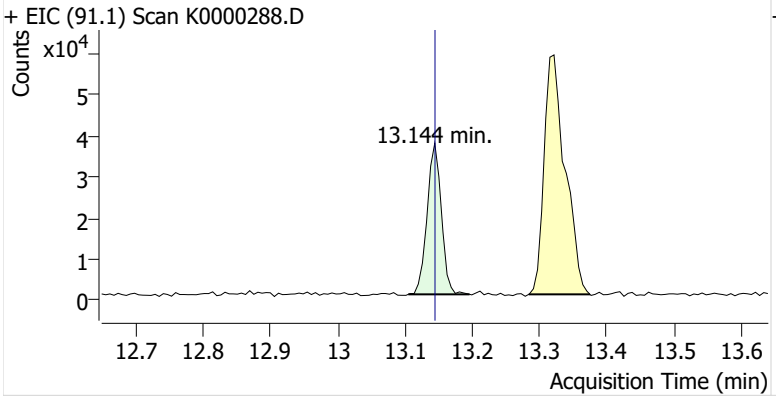


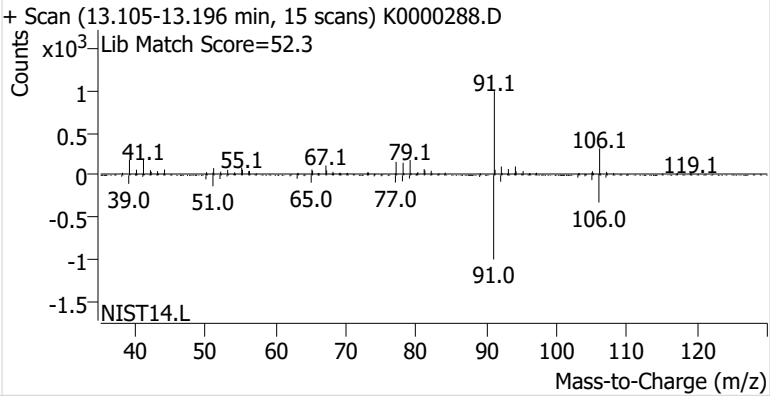
Toluene



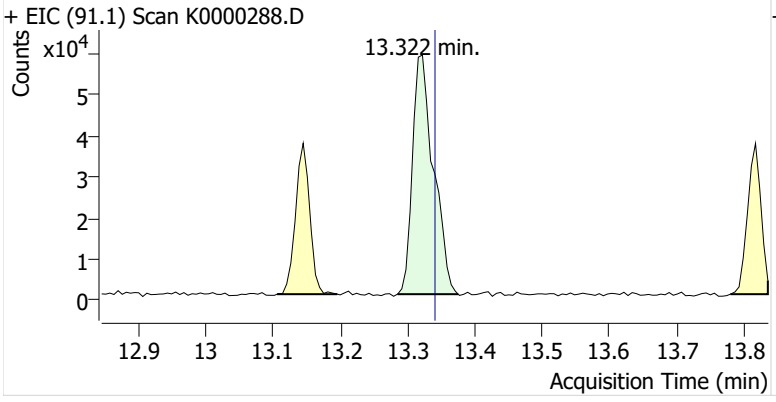


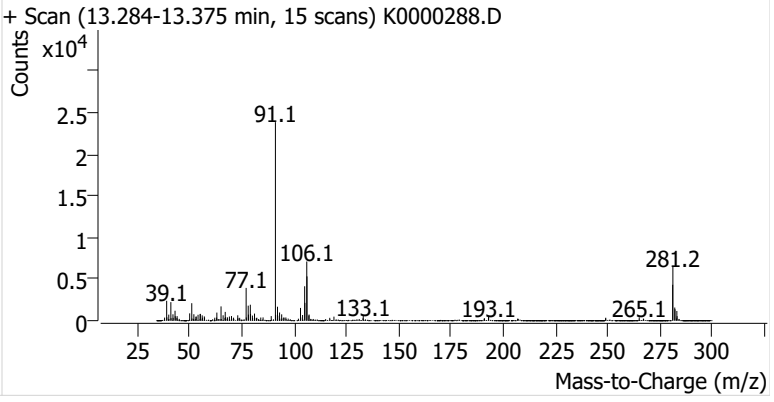
Ethylbenzene



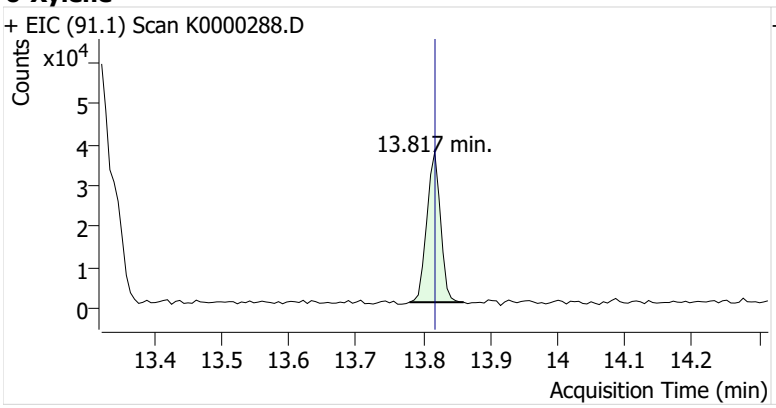


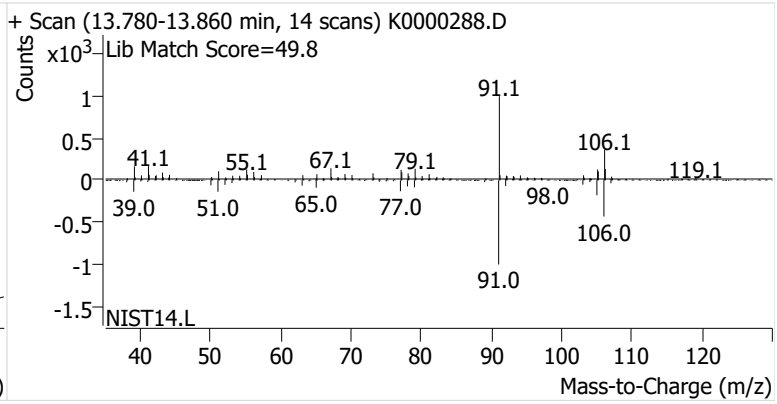
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000288.D
Counts
x10^4
5
4
3
2
1
0
13.817 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=49.8
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106.1
119.1
41.1
55.1
67.1
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
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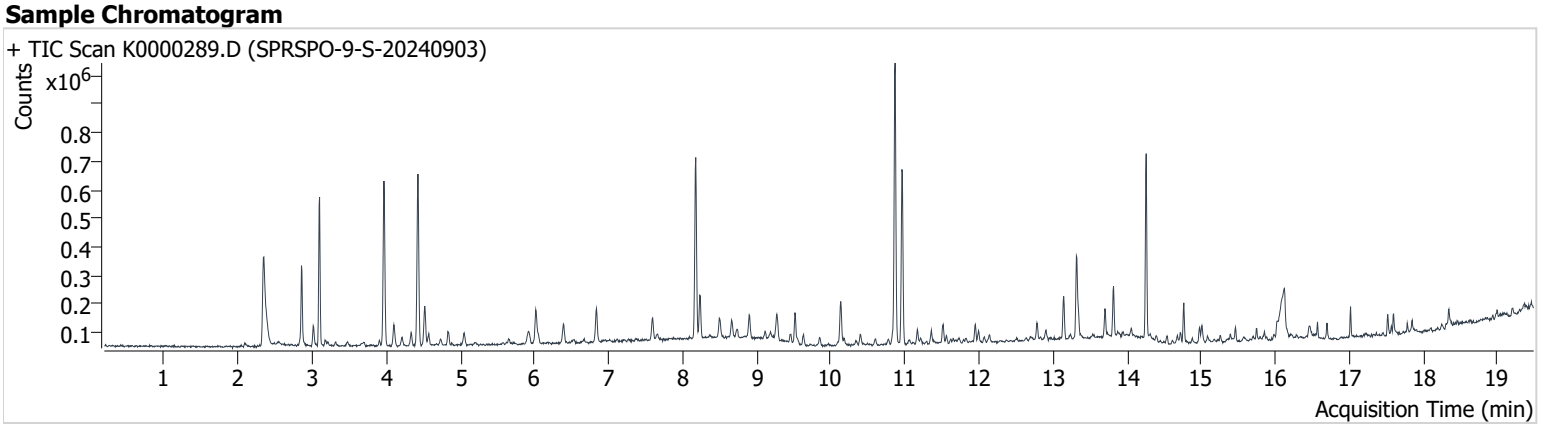
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

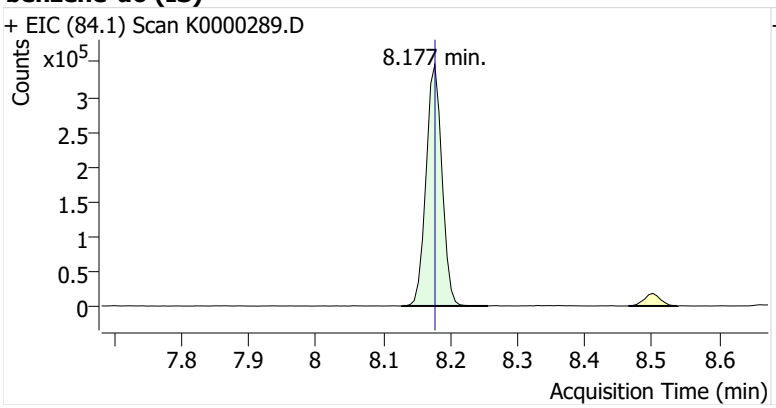
Name	SPRSPO-9-S-20240903
Comment	B35504
Data File	K0000289.D
Acq. Date-Time	9/20/2024 8:30:14 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

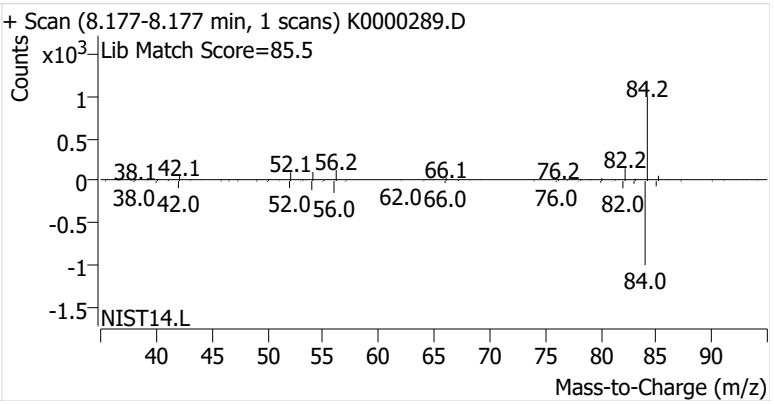
Sample Chromatogram



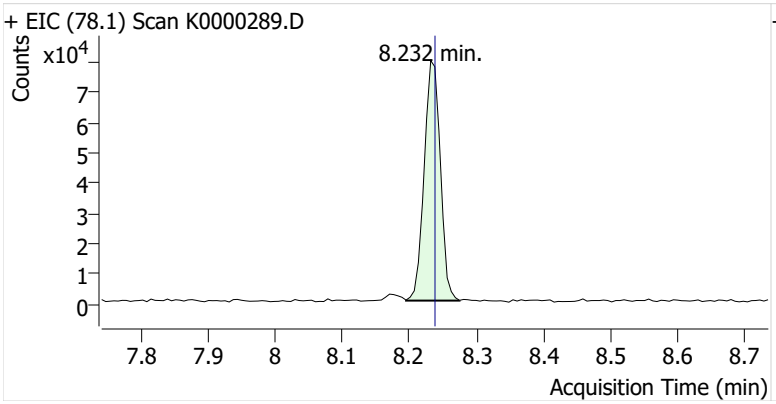
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	569,839	
Benzene	benzene-d6 (IS)	8.232	8.238	132,423	
Toluene-d8 (IS)		10.869	10.869	638,070	
Toluene	Toluene-d8 (IS)	10.960	10.967	422,201	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	104,021	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	202,614	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	88,540	

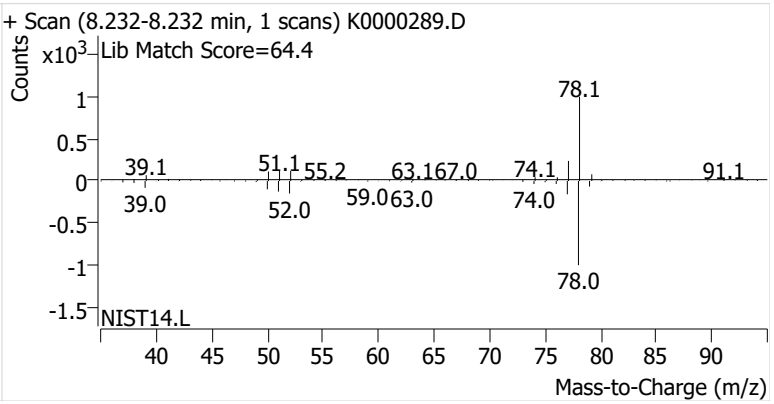
benzene-d6 (IS)



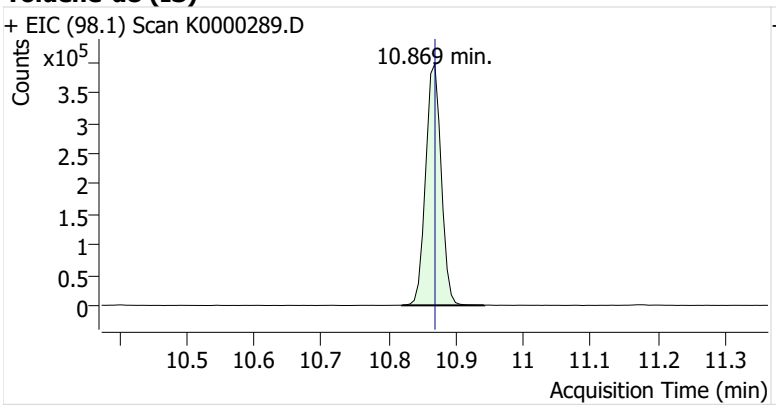


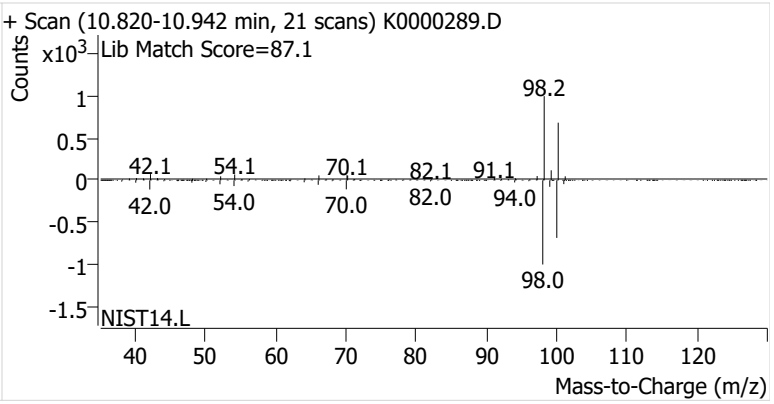
Benzene



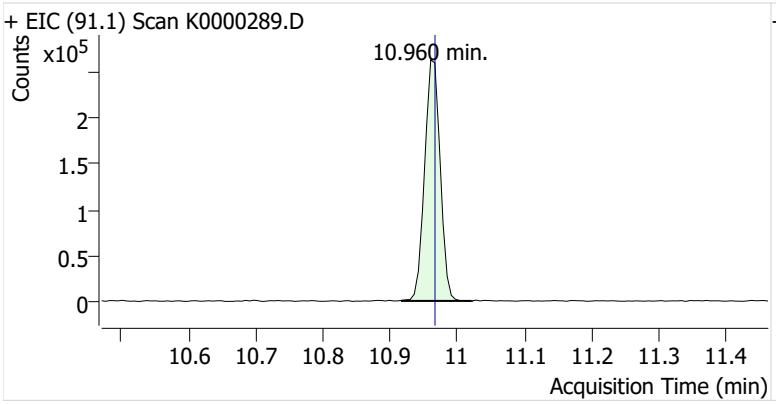


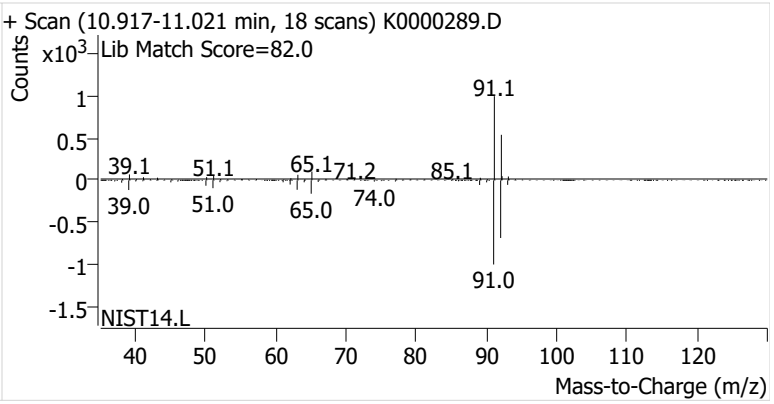
Toluene-d8 (IS)



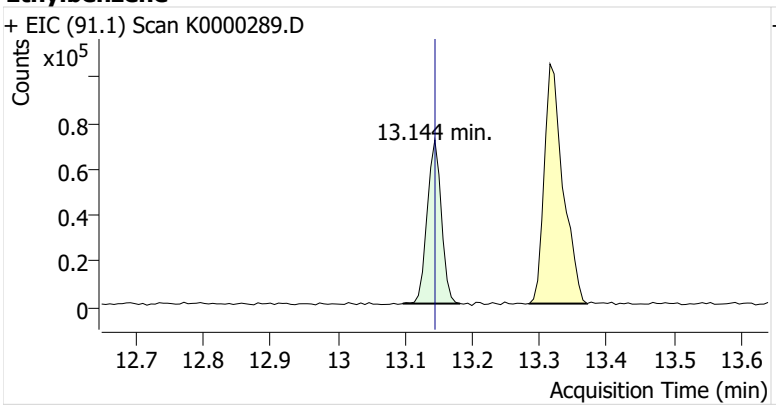


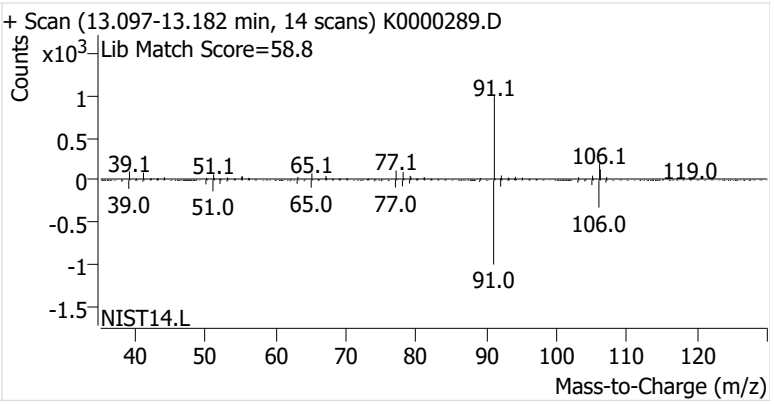
Toluene



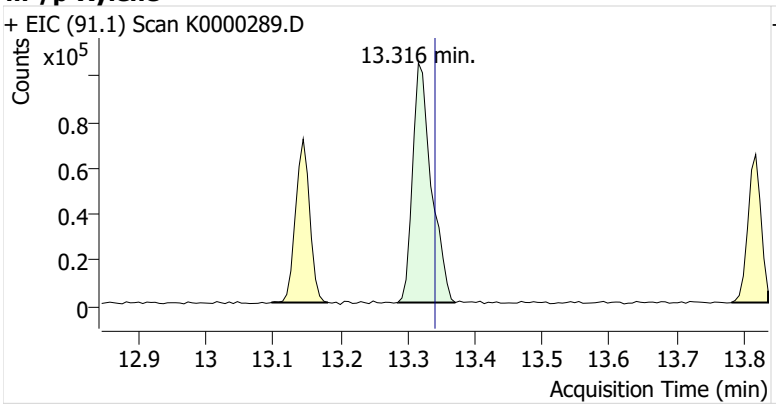


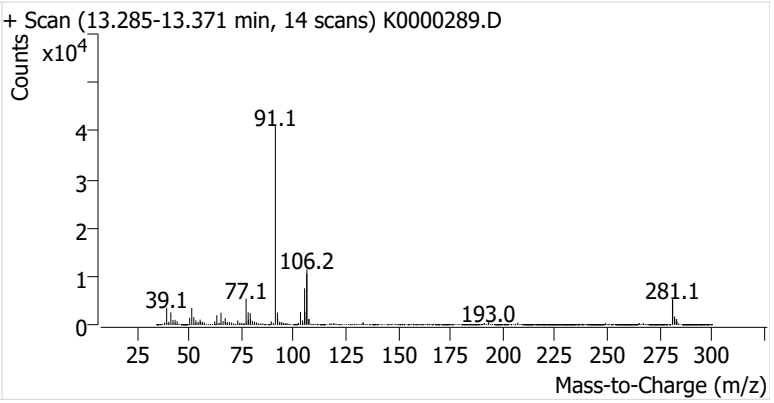
Ethylbenzene



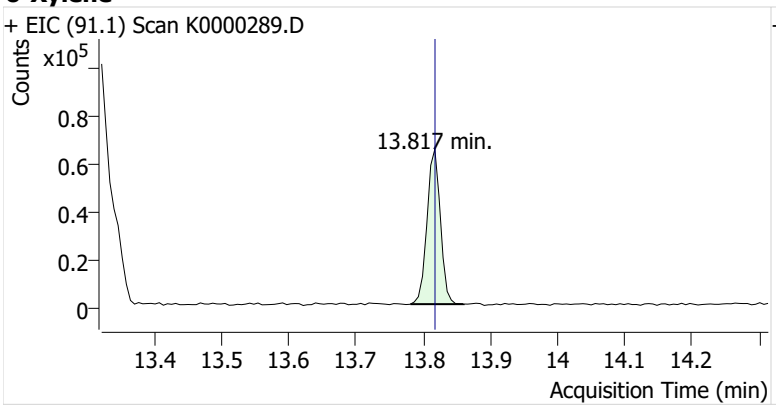


m-/p-Xylene





o-Xylene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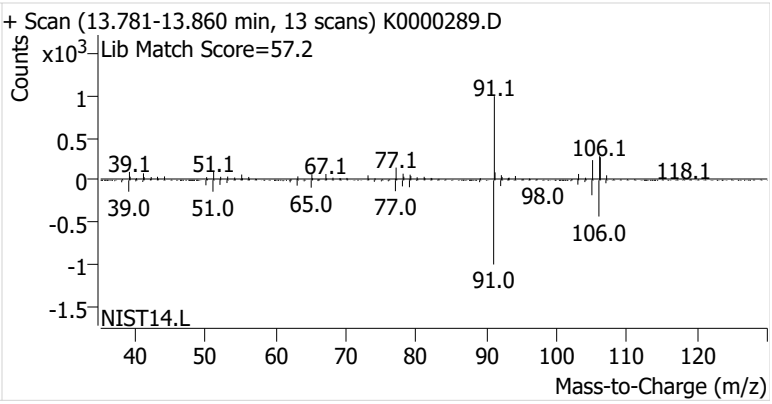
0.4
0.2
0
13.817 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.781-13.860 min, 13 scans) K0000289.D
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67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
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50
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80
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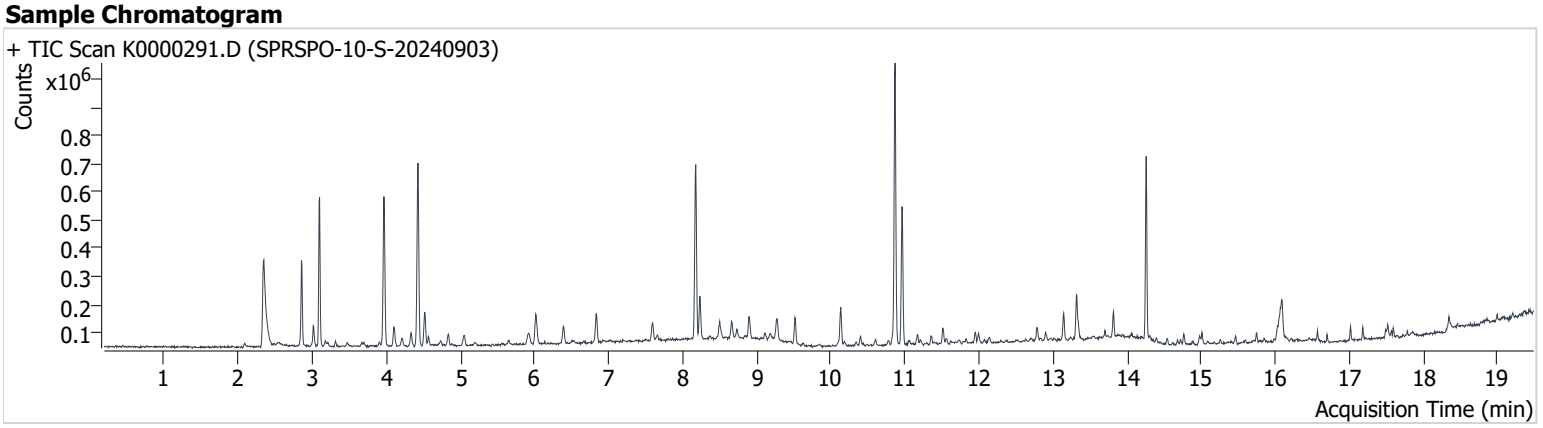
100
110
120
Mass-to-Charge (m/z)

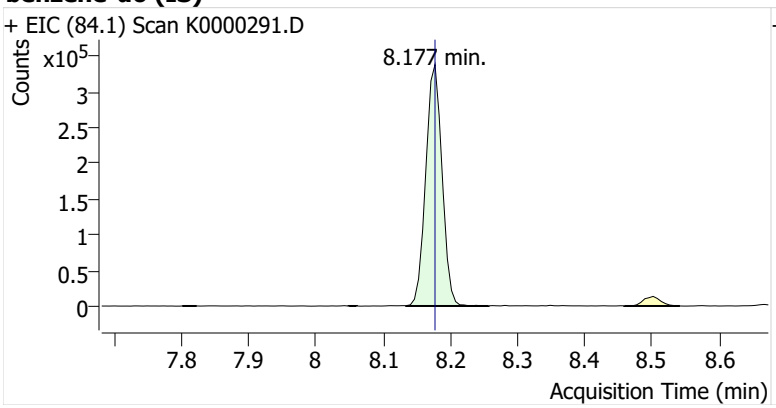
Name	SPRSPO-10-S-20240903
Comment	B40220
Data File	K0000291.D
Acq. Date-Time	9/20/2024 9:25:13 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

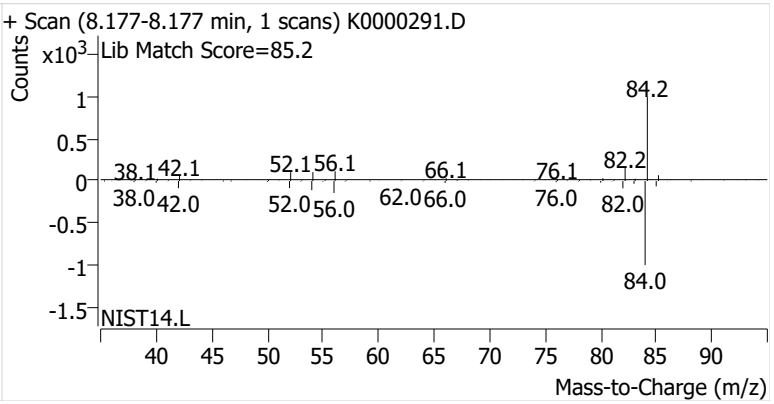
Sample Chromatogram



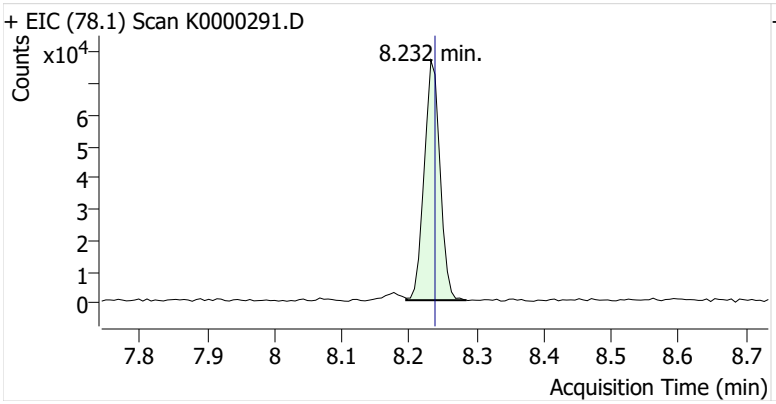
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	568,591	
Benzene	benzene-d6 (IS)	8.232	8.238	124,652	
Toluene-d8 (IS)		10.869	10.869	638,968	
Toluene	Toluene-d8 (IS)	10.961	10.967	330,393	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	62,318	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	108,250	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	46,504	

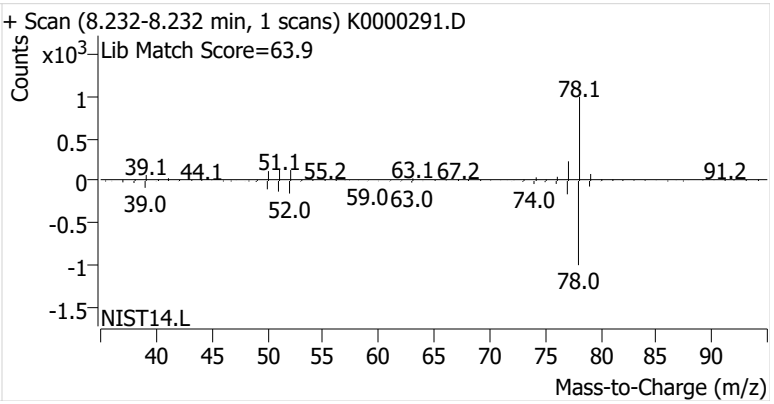
benzene-d6 (IS)



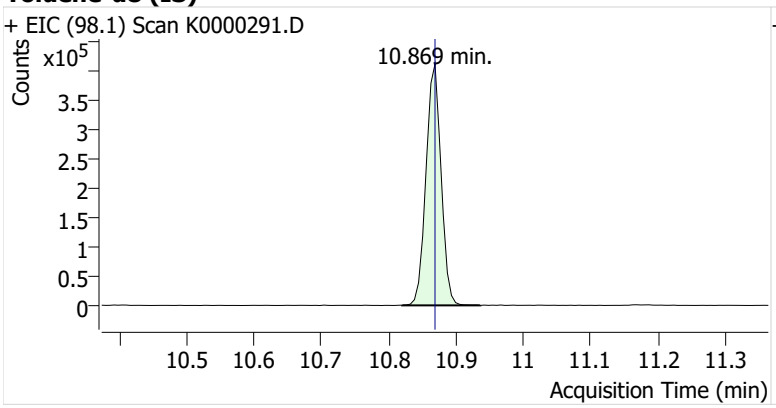


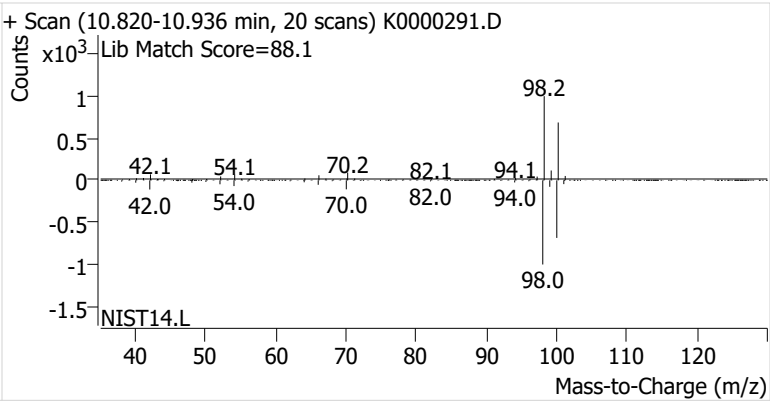
Benzene



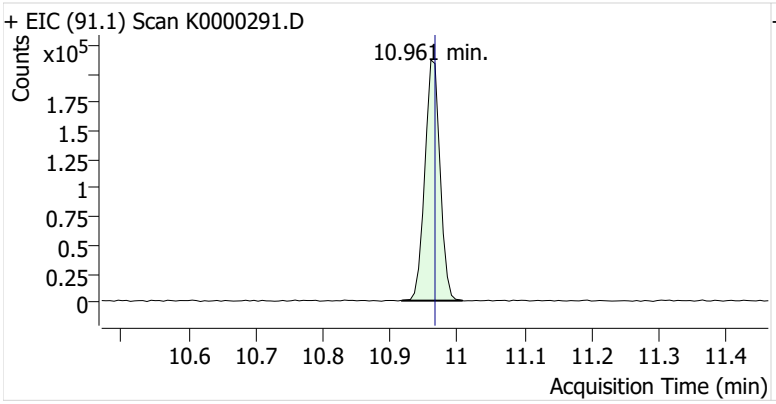


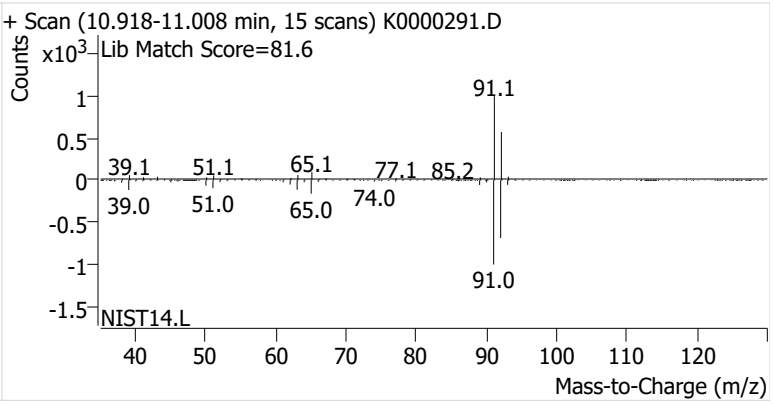
Toluene-d8 (IS)



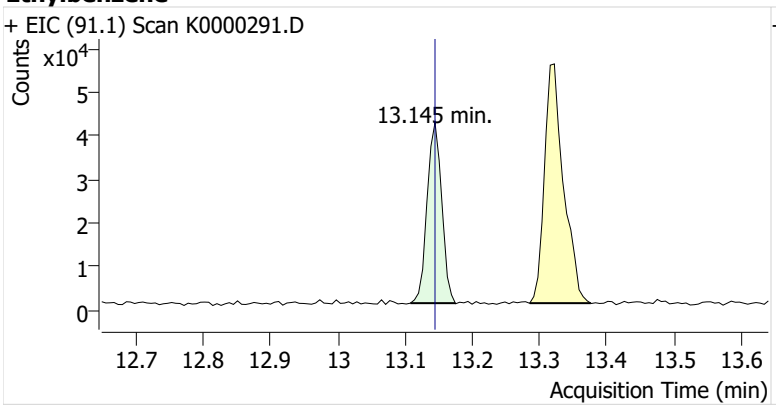


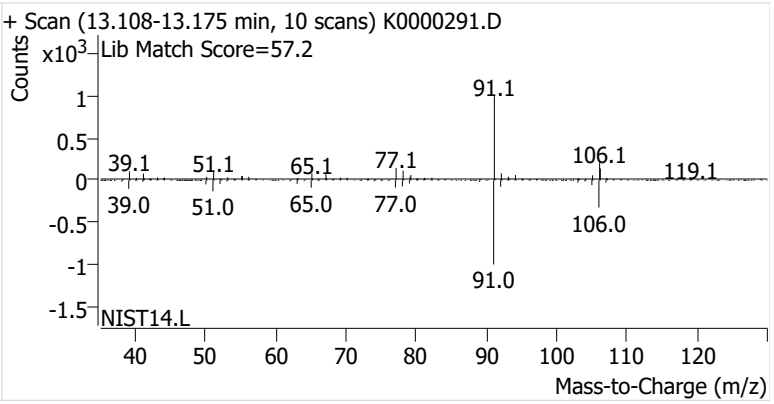
Toluene



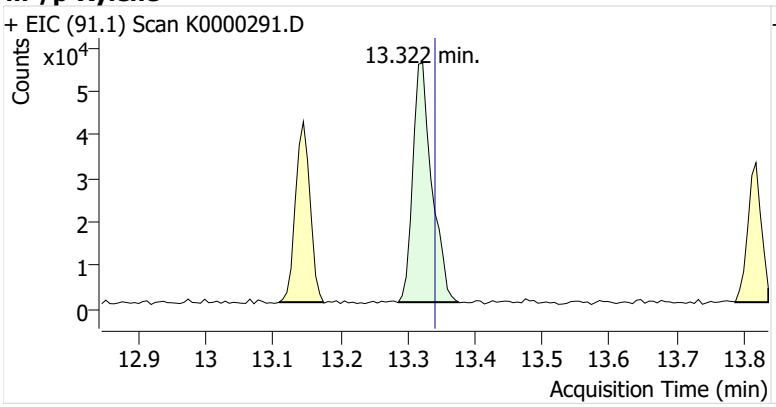


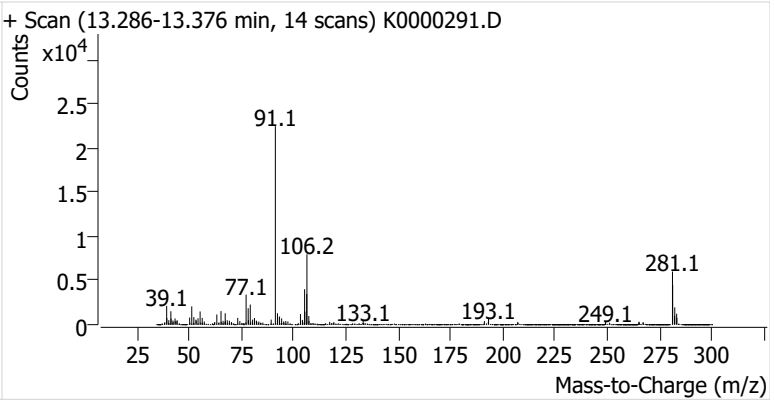
Ethylbenzene



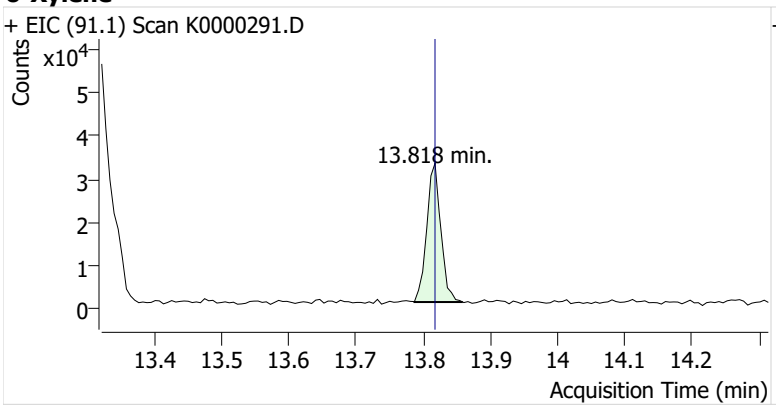


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000291.D
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4
3
2
1
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13.818 min.
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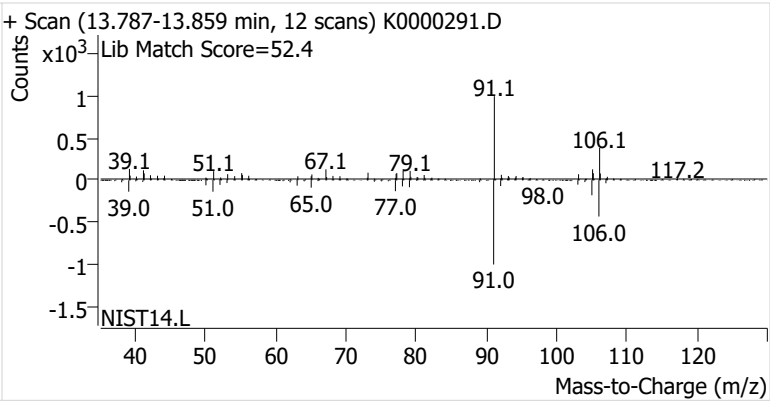
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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79.1
117.2
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51.0
65.0
77.0
106.0
91.0
NIST14.L
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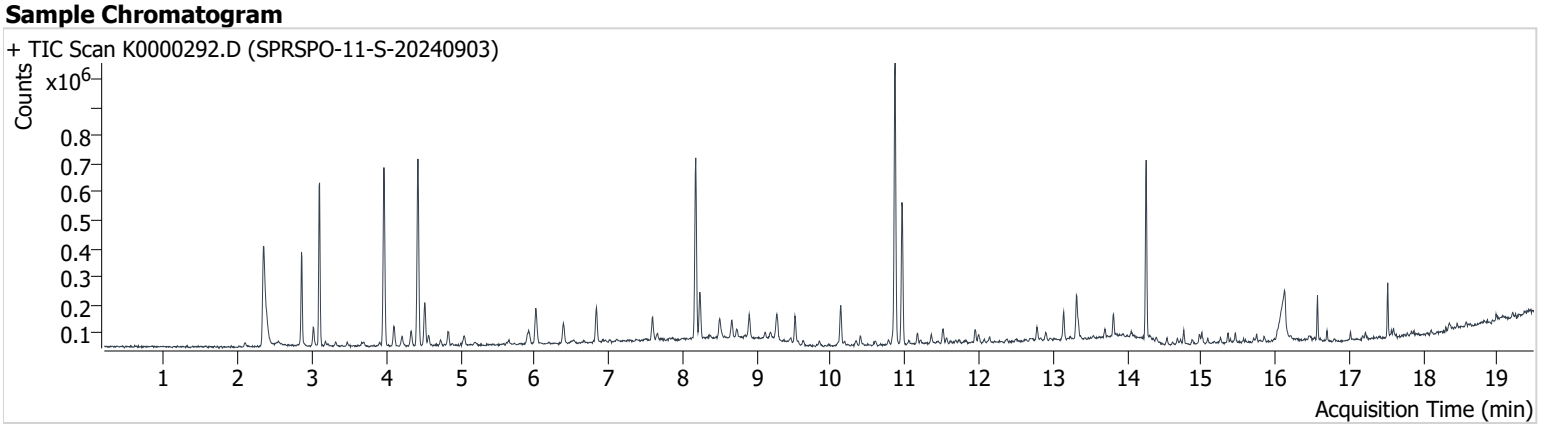
70
80
90
100
110
120
Mass-to-Charge (m/z)

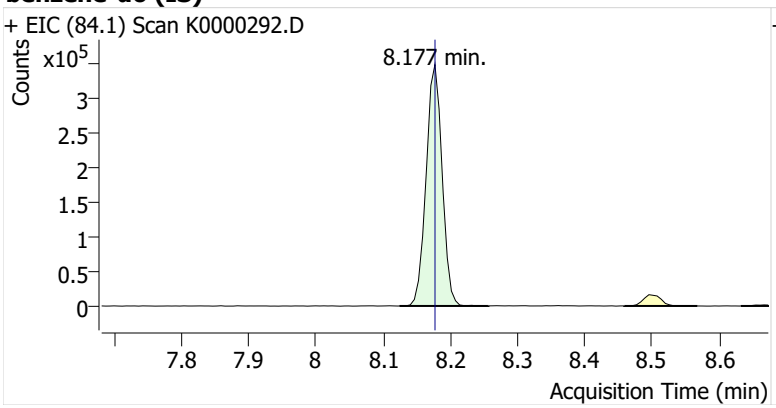
Name	SPRSPO-11-S-20240903
Comment	B27901
Data File	K0000292.D
Acq. Date-Time	9/20/2024 9:52:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

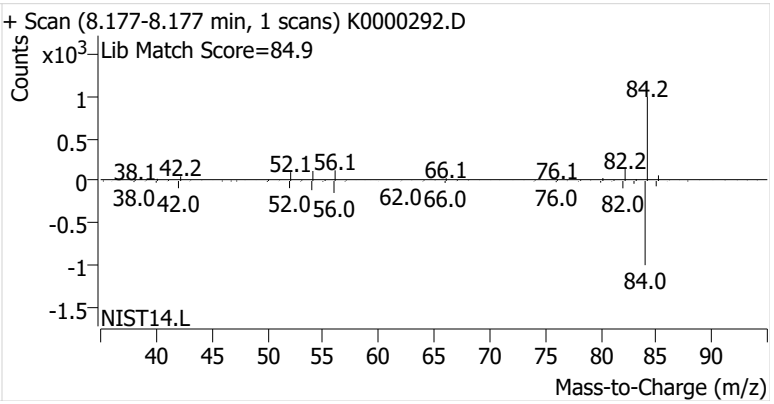
Sample Chromatogram



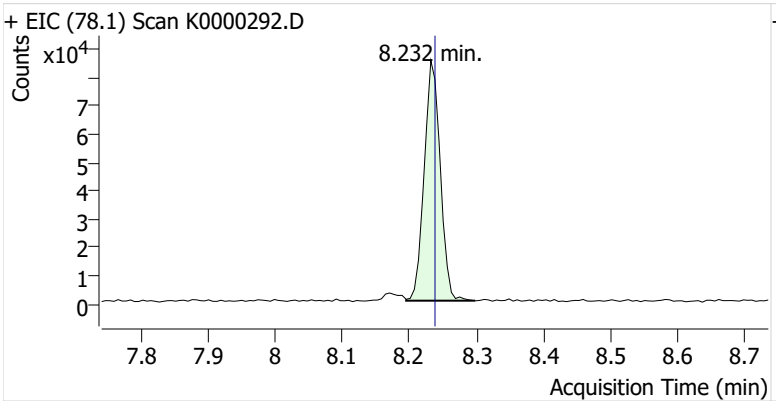
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	577,029	
Benzene	benzene-d6 (IS)	8.232	8.238	140,832	
Toluene-d8 (IS)		10.869	10.869	642,939	
Toluene	Toluene-d8 (IS)	10.960	10.967	337,542	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	65,222	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	112,059	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	43,407	

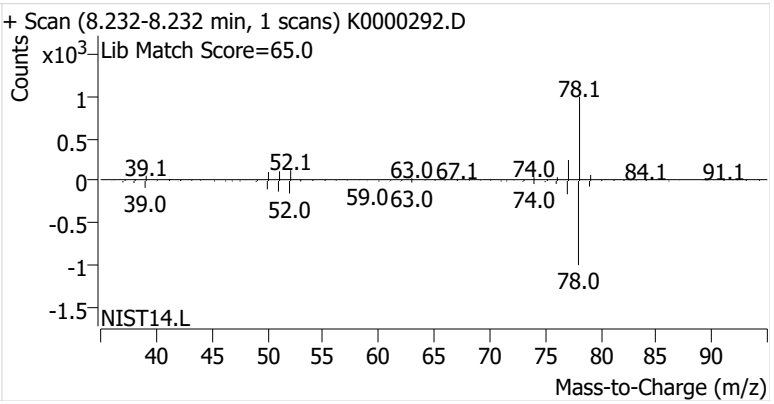
benzene-d6 (IS)



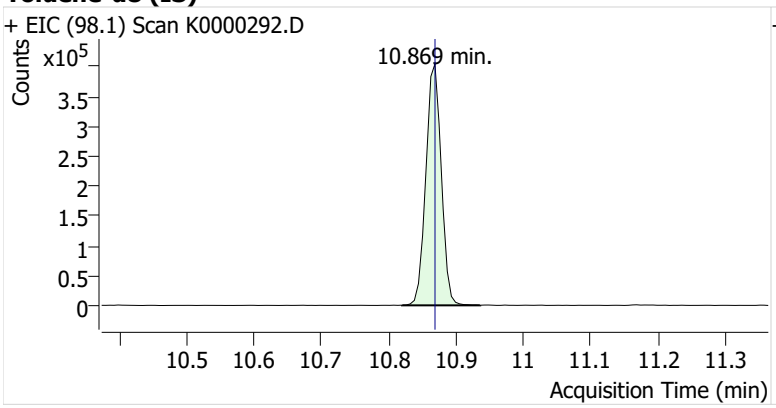


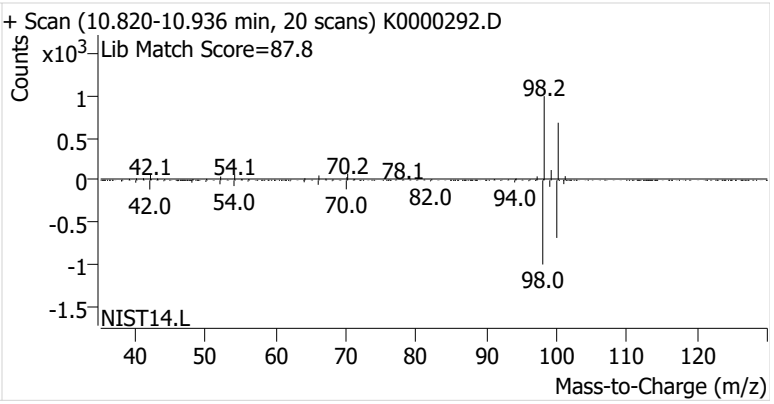
Benzene



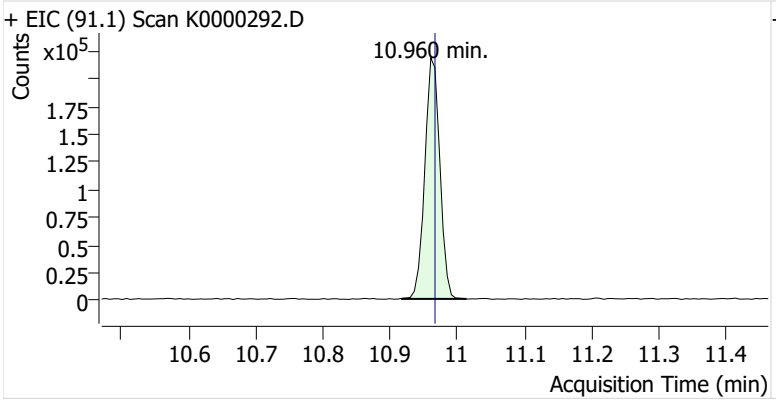


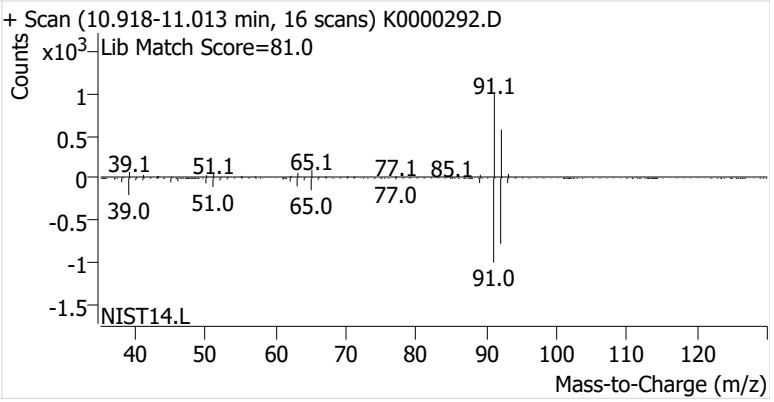
Toluene-d8 (IS)



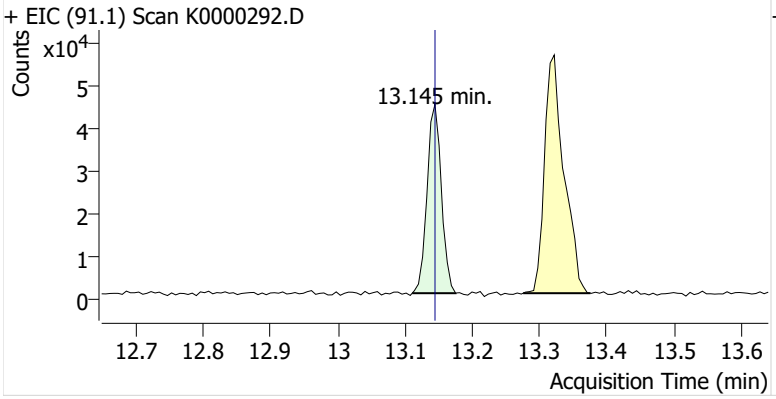


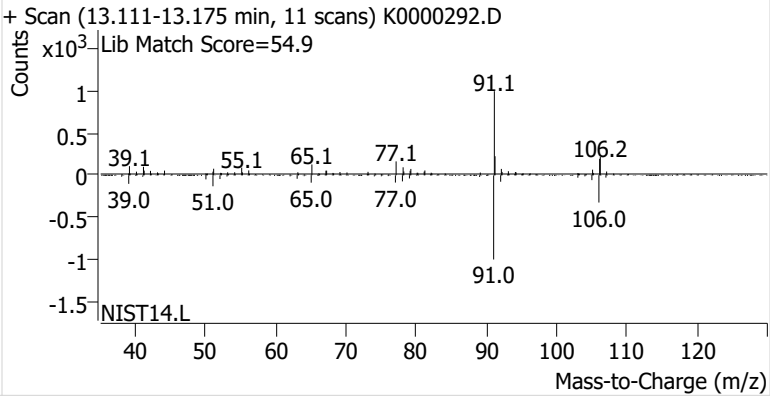
Toluene



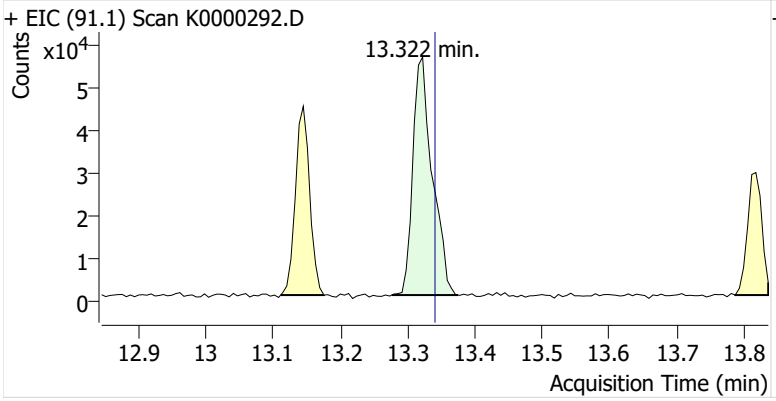


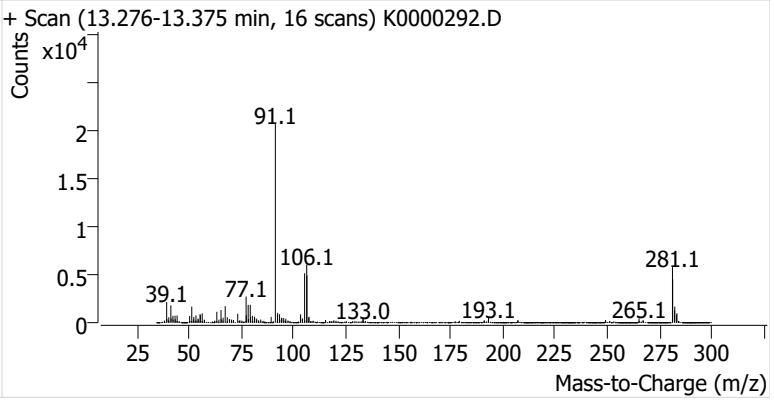
Ethylbenzene



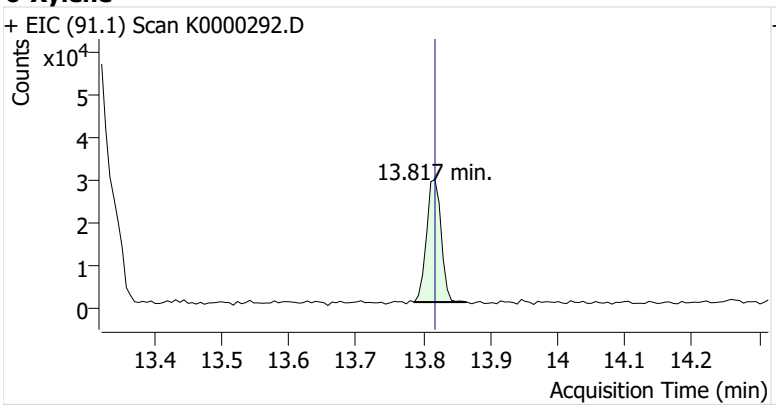


m-/p-Xylene





o-Xylene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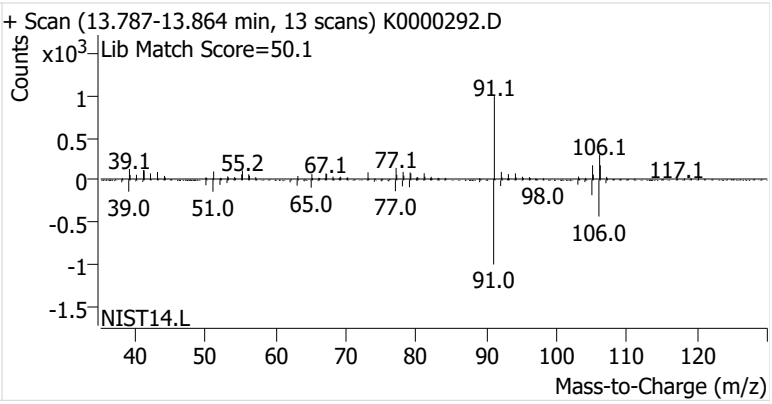
Counts
x10^4
5
4
3
2
1
0
13.817 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=50.1
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39.1
55.2
67.1
77.1
106.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
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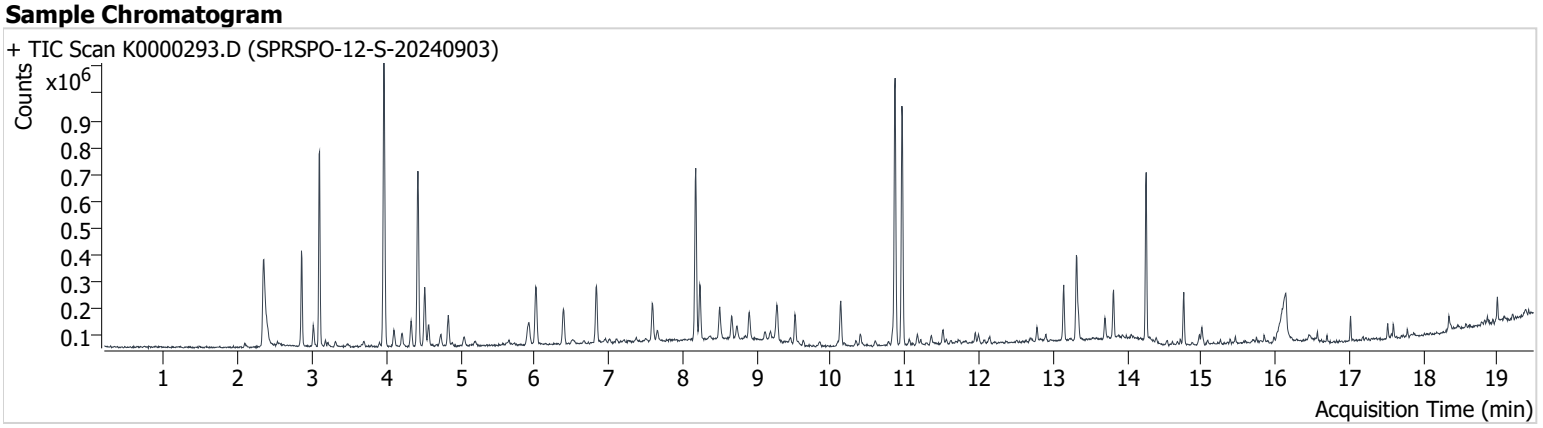
70
80
90
100
110
120
Mass-to-Charge (m/z)

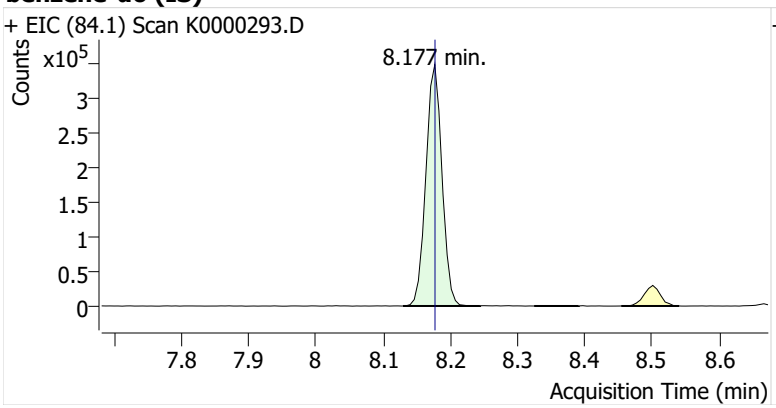
Name	SPRSPO-12-S-20240903
Comment	B34574
Data File	K0000293.D
Acq. Date-Time	9/20/2024 10:20:14 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

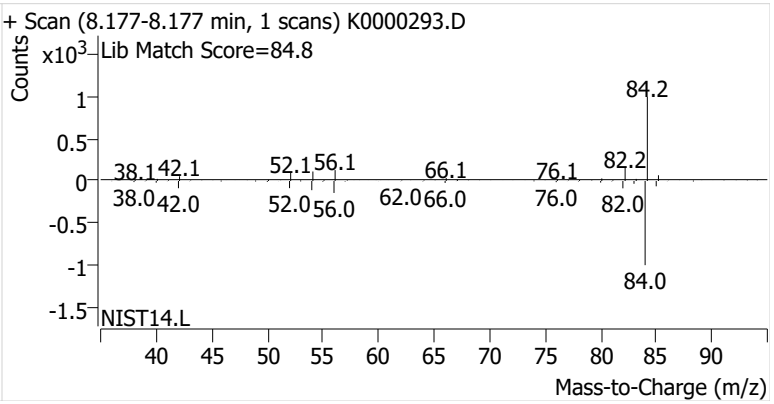
Sample Chromatogram



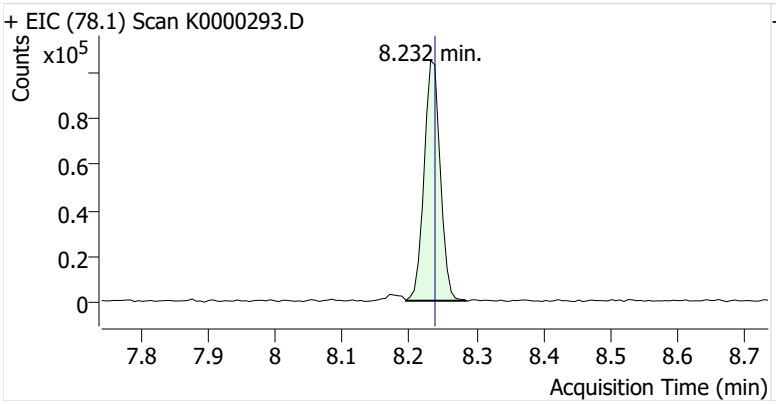
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	576,755	
Benzene	benzene-d6 (IS)	8.232	8.238	173,836	
Toluene-d8 (IS)		10.868	10.869	645,733	
Toluene	Toluene-d8 (IS)	10.960	10.967	605,581	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	135,961	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	223,041	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	90,868	

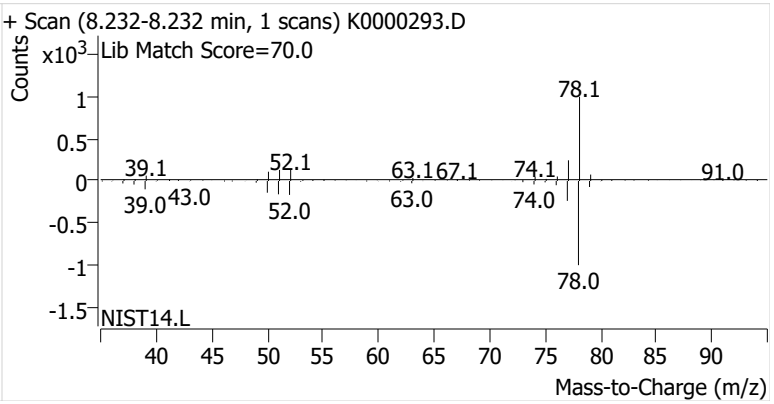
benzene-d6 (IS)



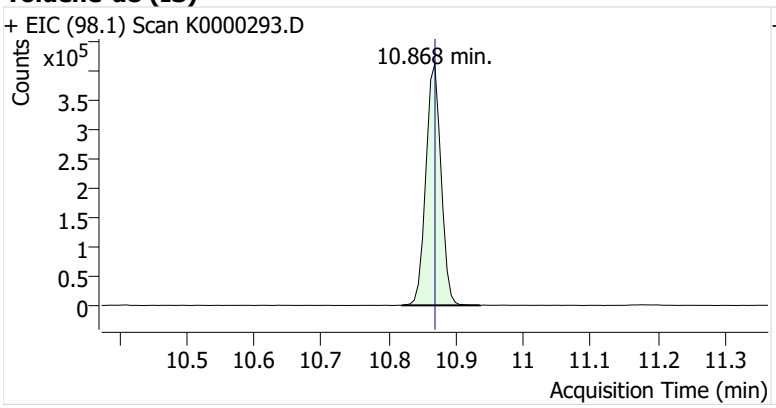


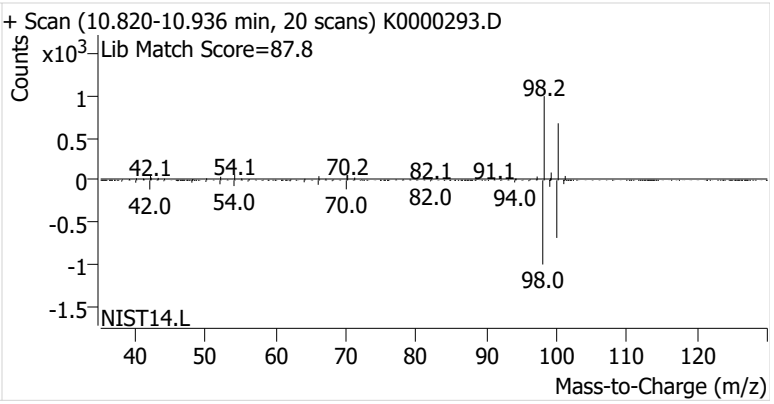
Benzene



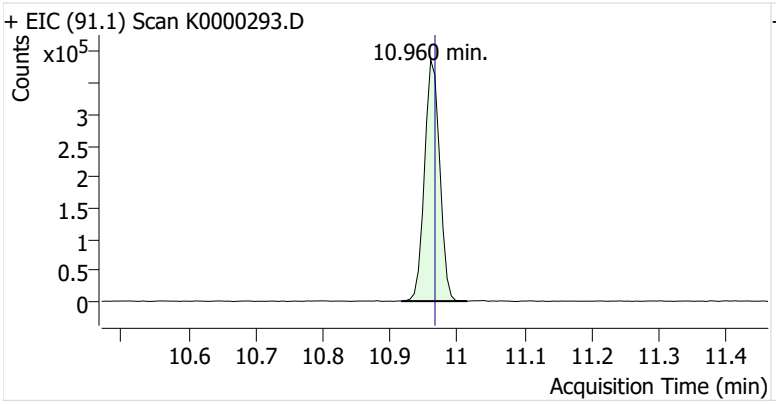


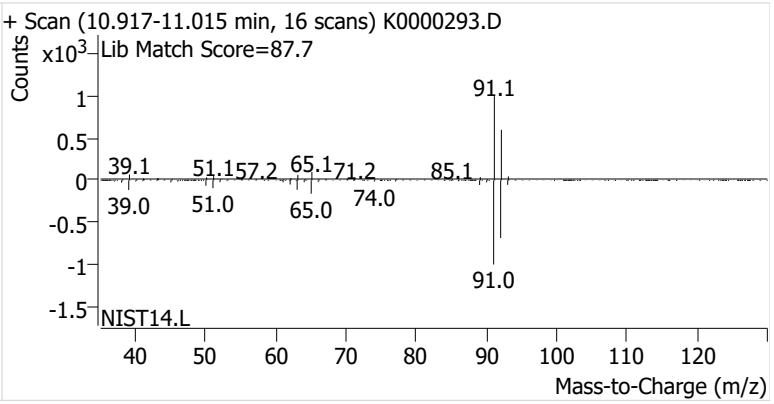
Toluene-d8 (IS)



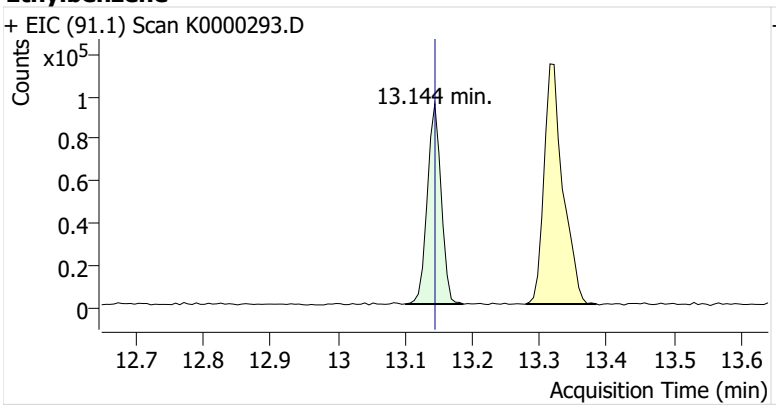


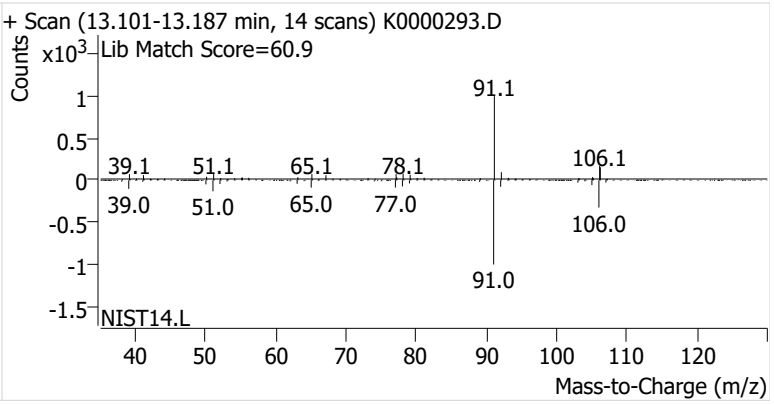
Toluene



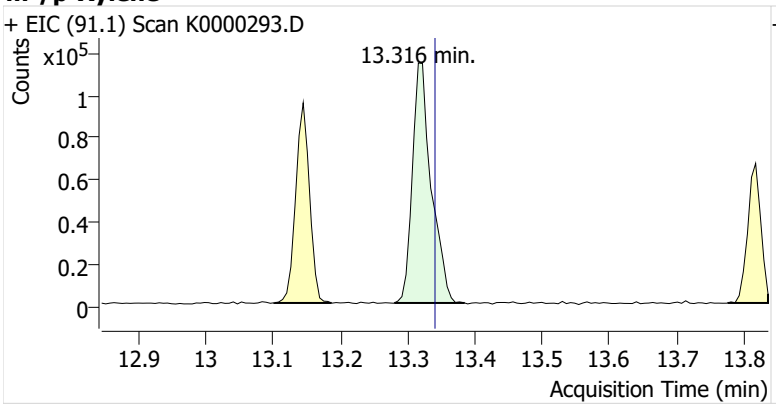


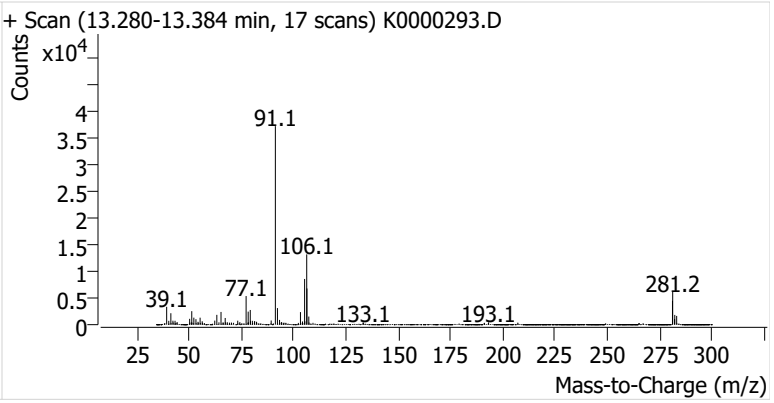
Ethylbenzene



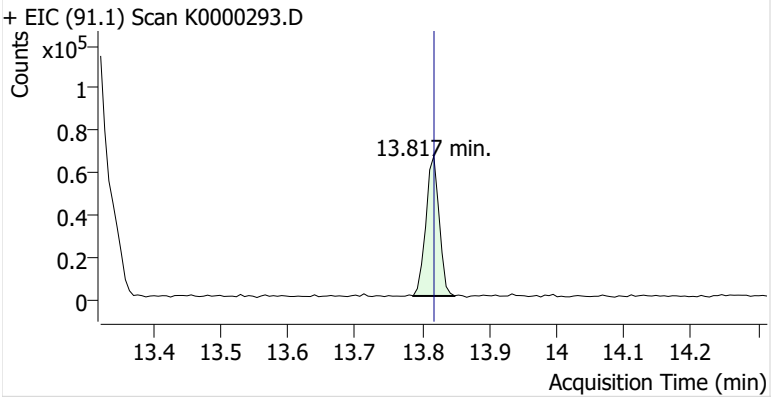


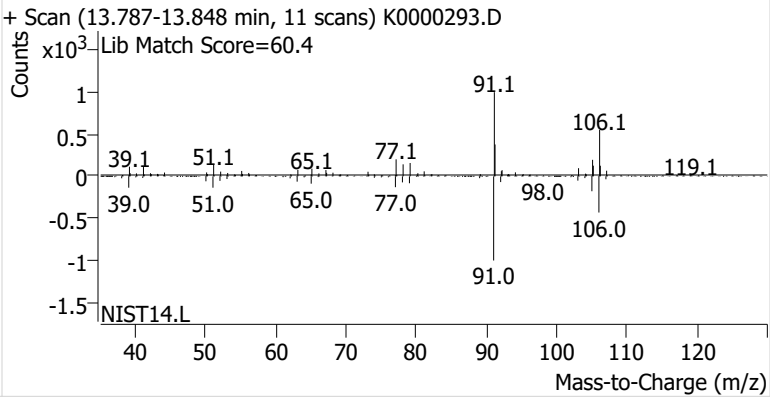
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000293.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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39.1
51.1
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77.1
119.1
98.0
39.0
51.0
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77.0
106.0
91.0
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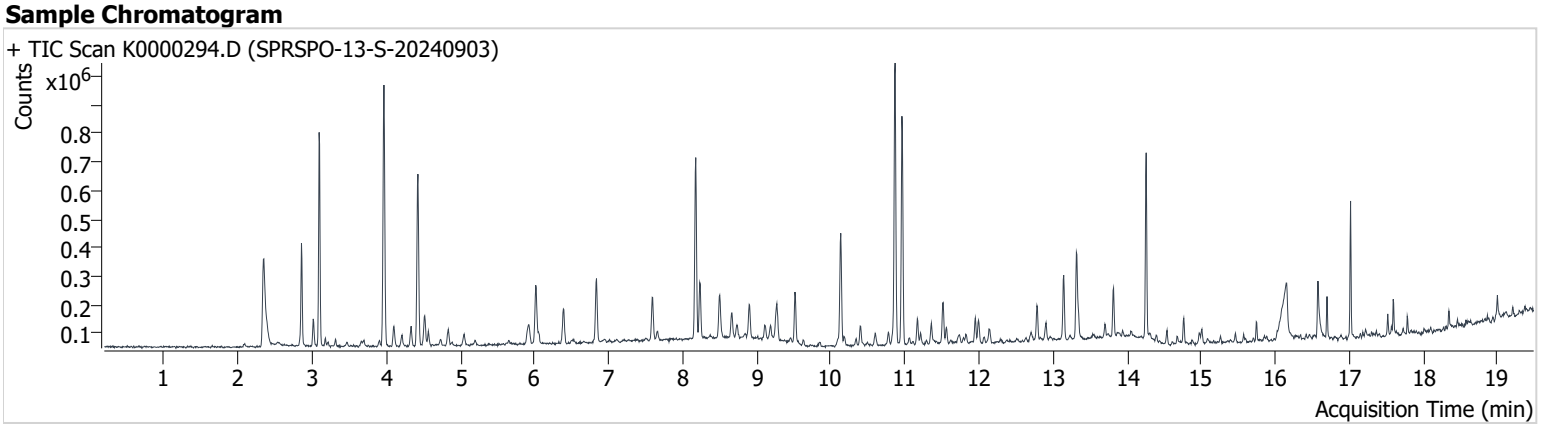
Mass-to-Charge (m/z)

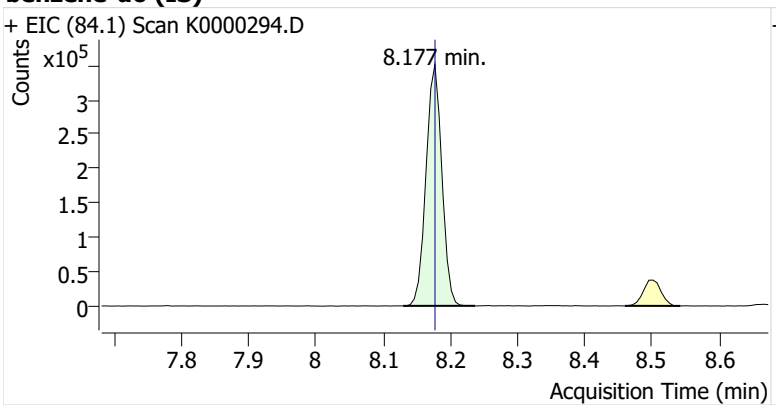
Name	SPRSPO-13-S-20240903
Comment	C16075
Data File	K0000294.D
Acq. Date-Time	9/20/2024 10:47:40 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

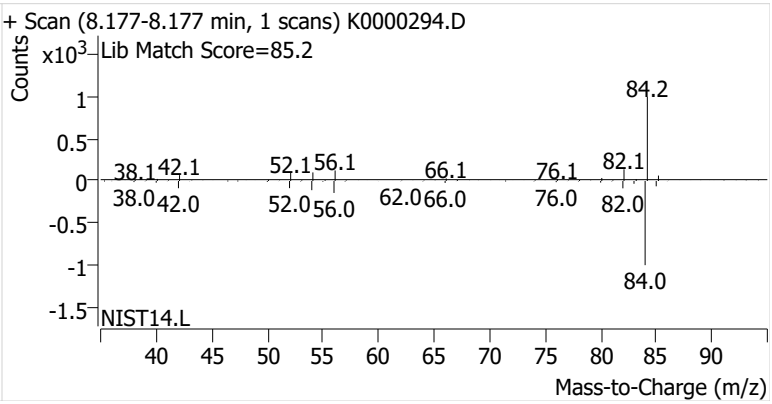
Sample Chromatogram



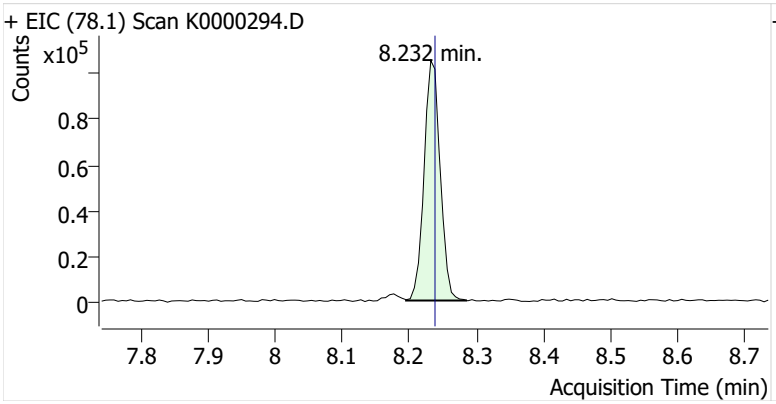
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	573,404	
Benzene	benzene-d6 (IS)	8.232	8.238	173,392	
Toluene-d8 (IS)		10.869	10.869	641,159	
Toluene	Toluene-d8 (IS)	10.960	10.967	542,567	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	156,887	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	214,113	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	92,511	

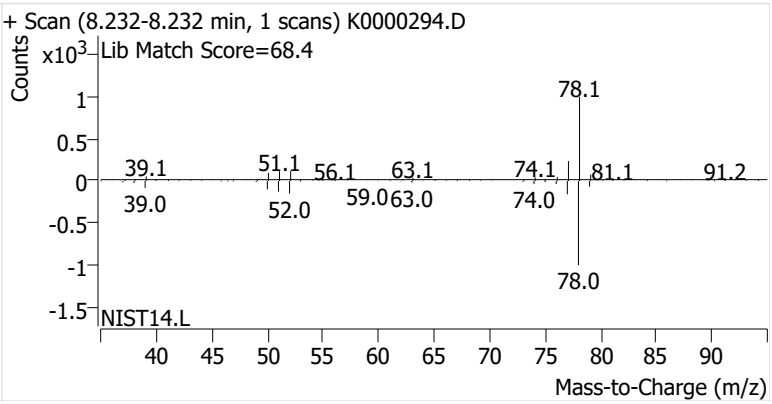
benzene-d6 (IS)



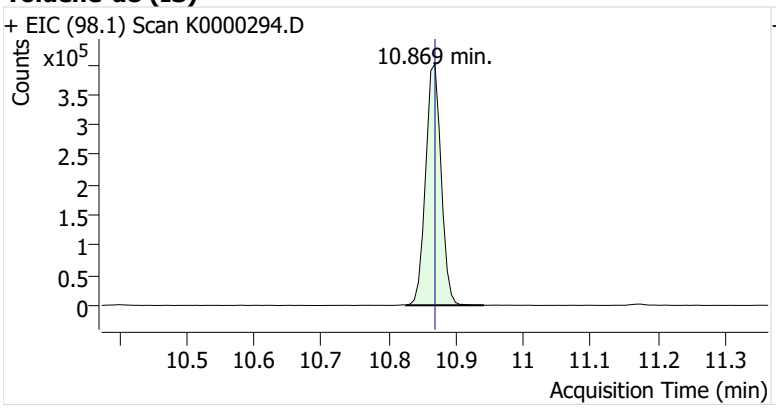


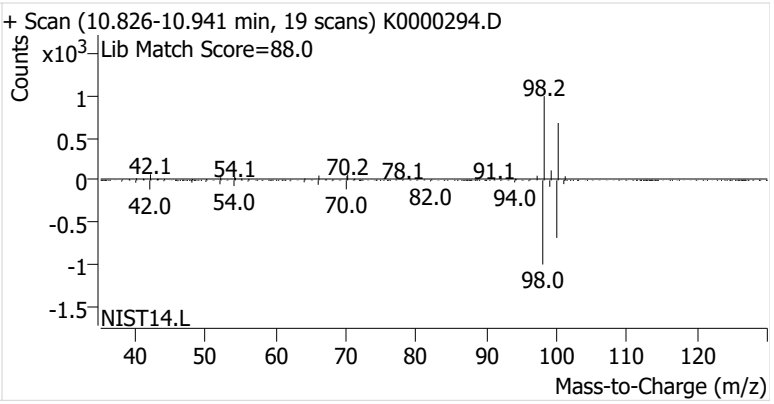
Benzene



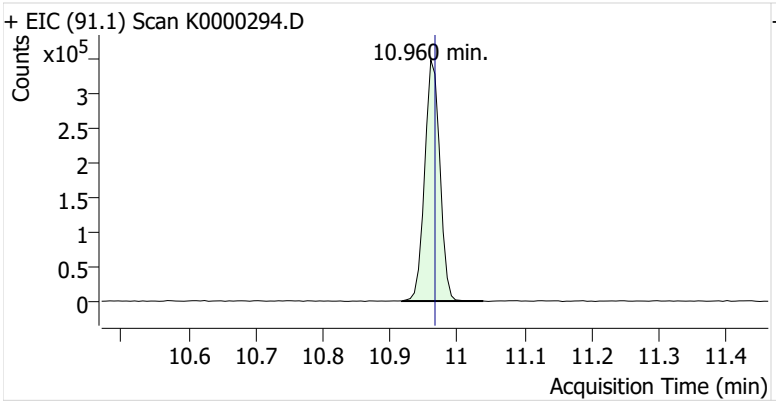


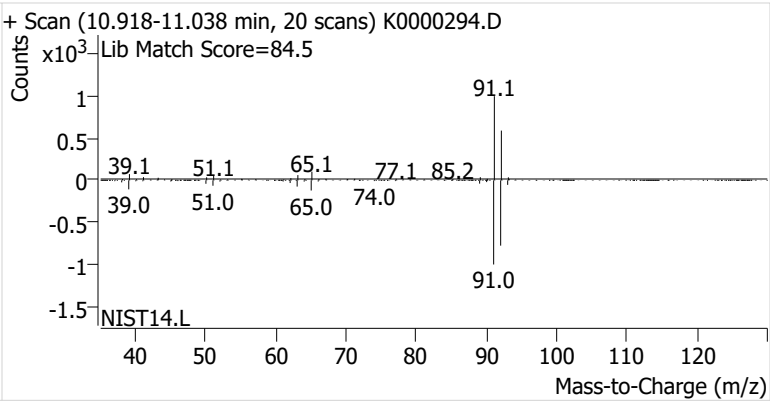
Toluene-d8 (IS)



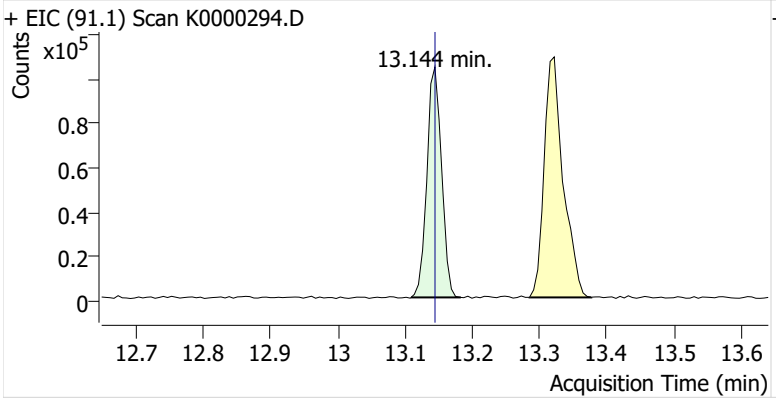


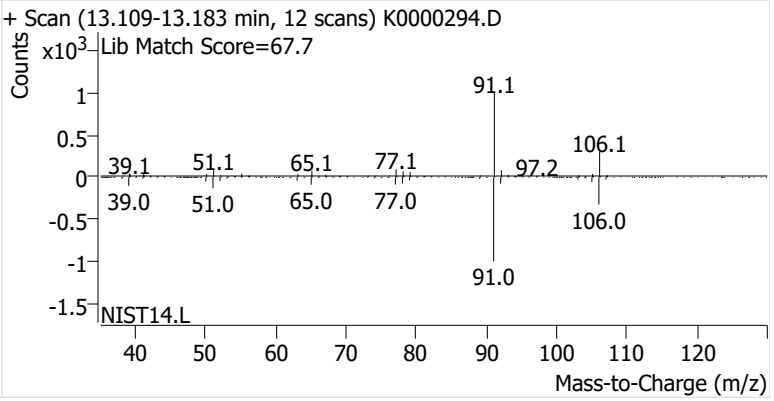
Toluene



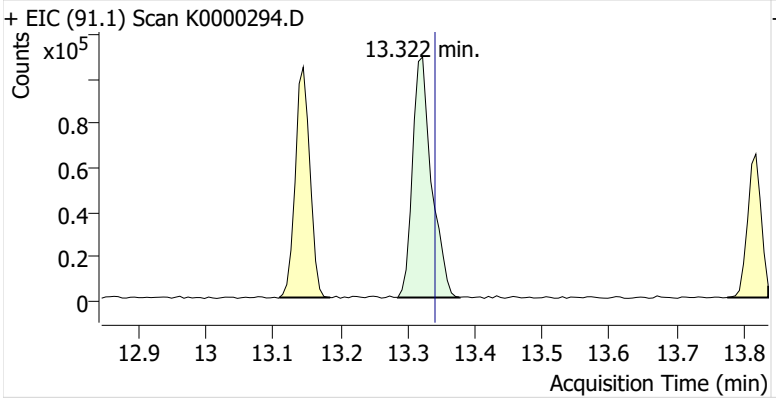


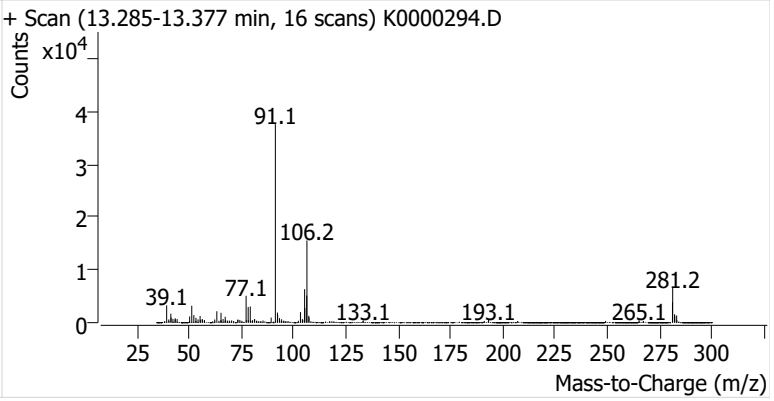
Ethylbenzene



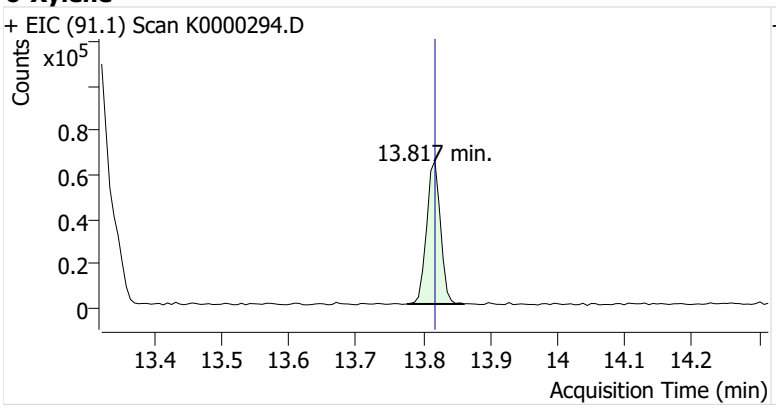


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000294.D
Counts
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0.4
0.2
0
13.817 min.
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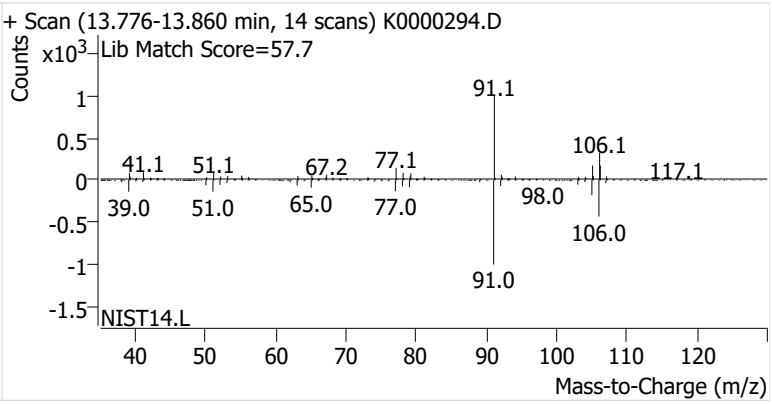
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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77.1
117.1
98.0
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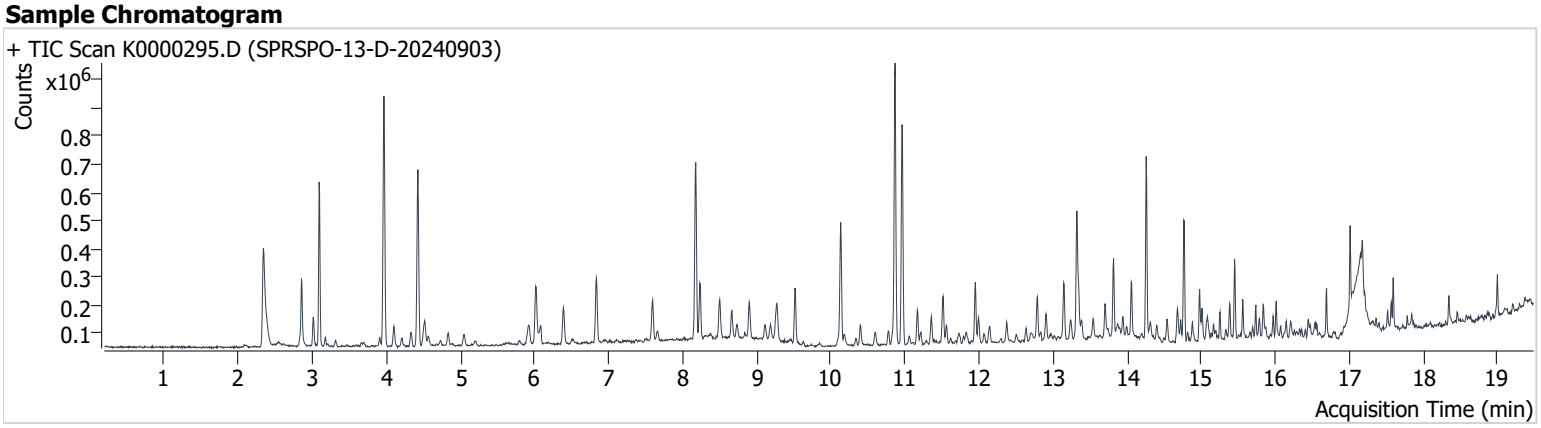
120
Mass-to-Charge (m/z)

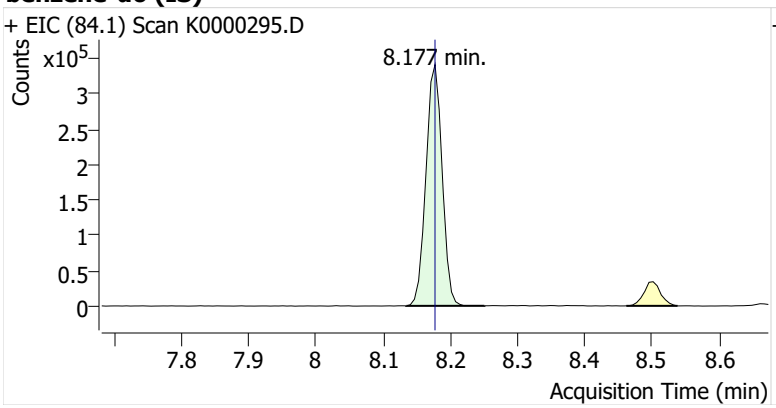
Name	SPRSPO-13-D-20240903
Comment	C34189
Data File	K0000295.D
Acq. Date-Time	9/20/2024 11:15:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

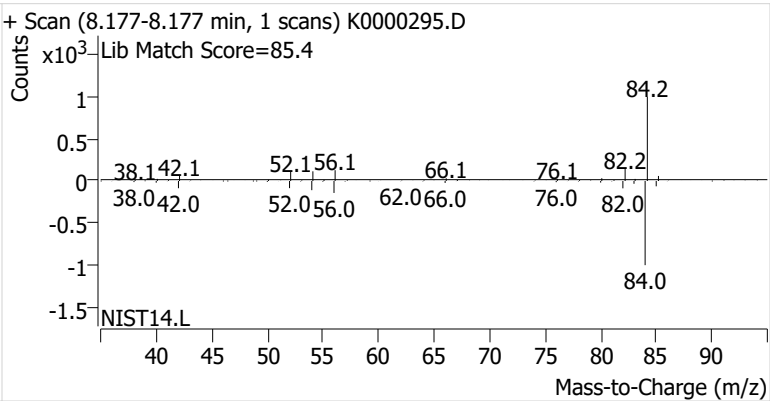
Sample Chromatogram



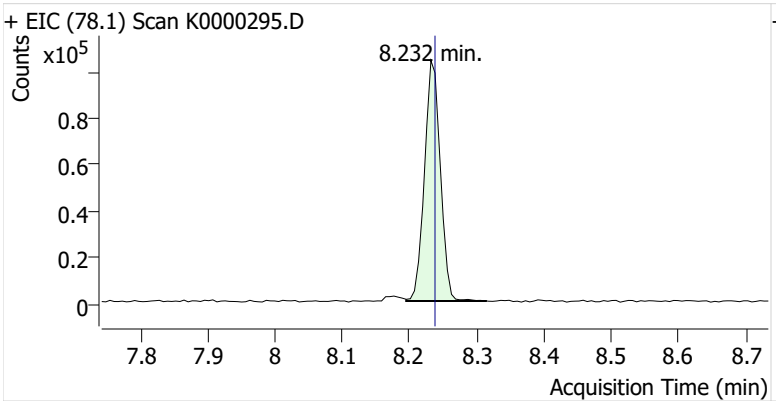
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	569,405	
Benzene	benzene-d6 (IS)	8.232	8.238	170,341	
Toluene-d8 (IS)		10.869	10.869	642,764	
Toluene	Toluene-d8 (IS)	10.961	10.967	540,457	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	134,132	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	319,139	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	140,568	

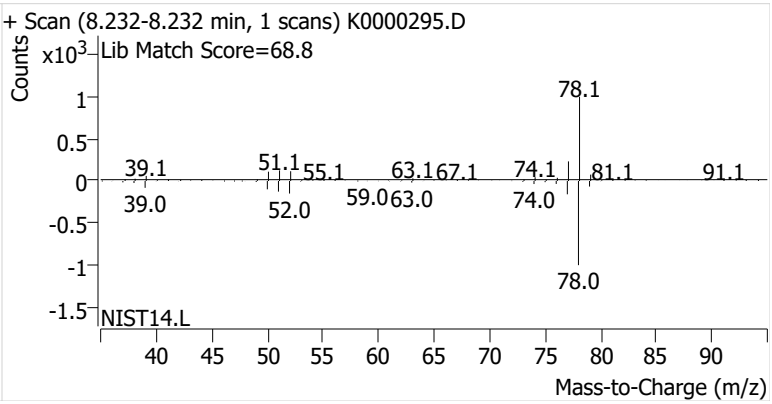
benzene-d6 (IS)



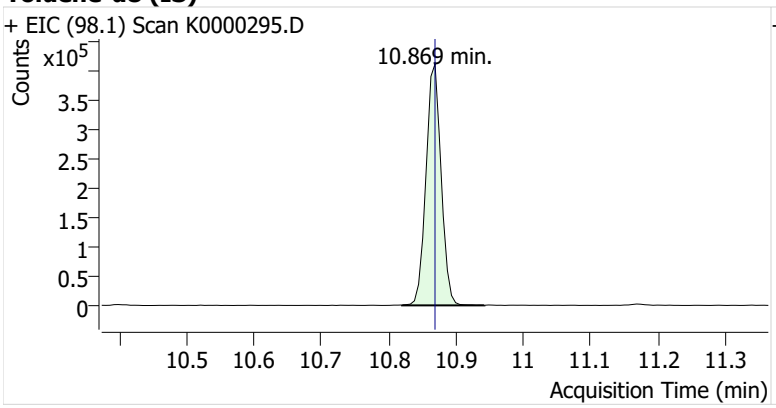


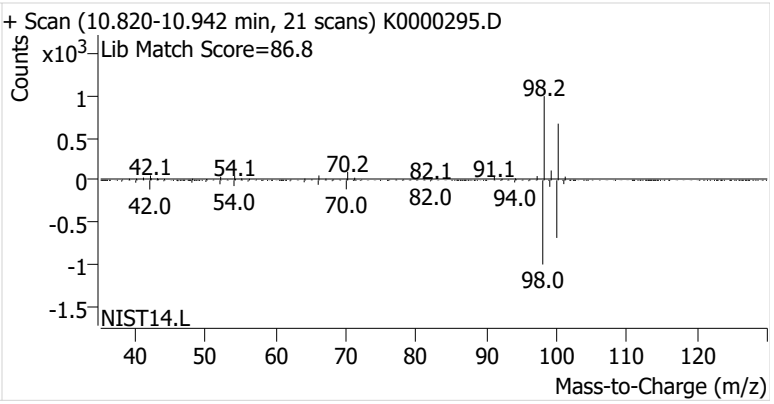
Benzene



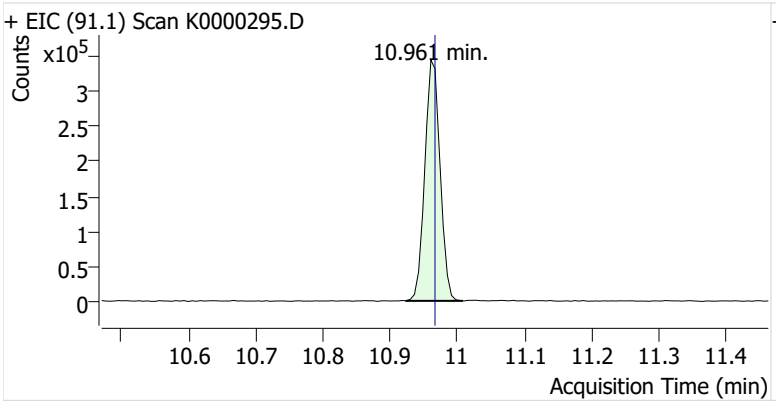


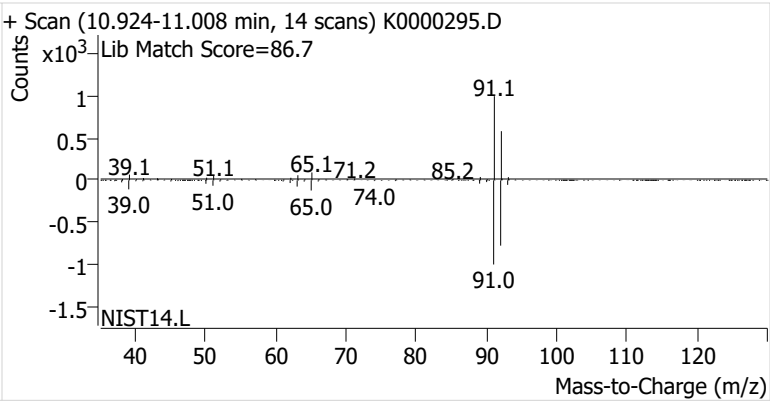
Toluene-d8 (IS)



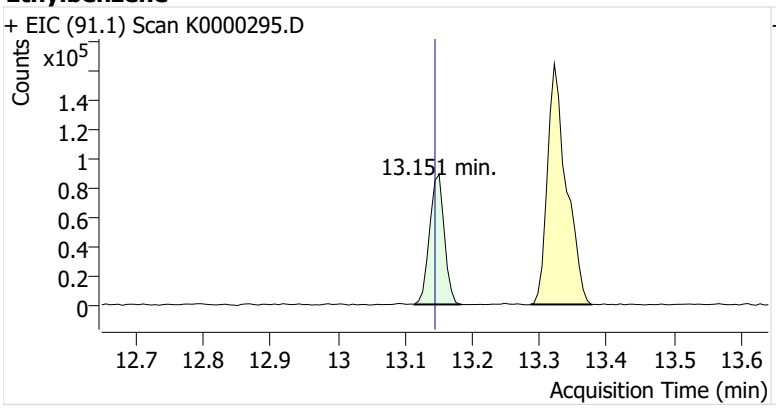


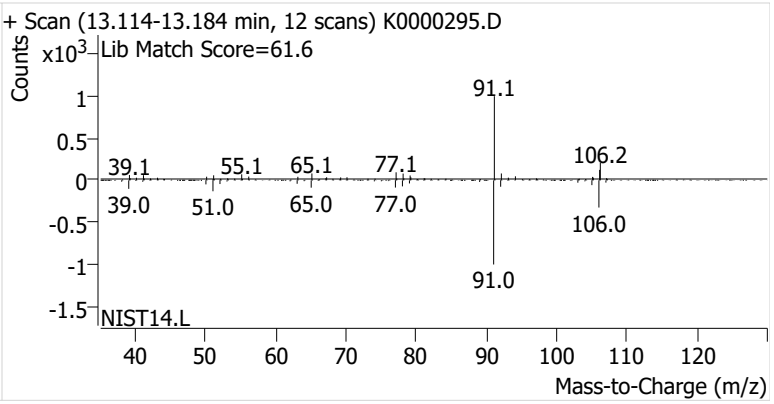
Toluene



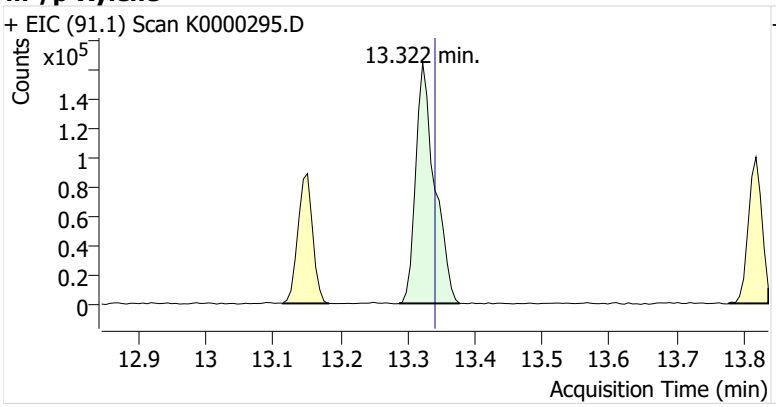


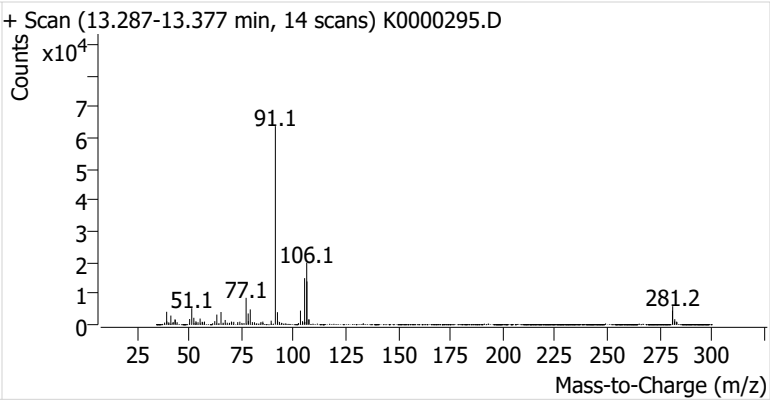
Ethylbenzene



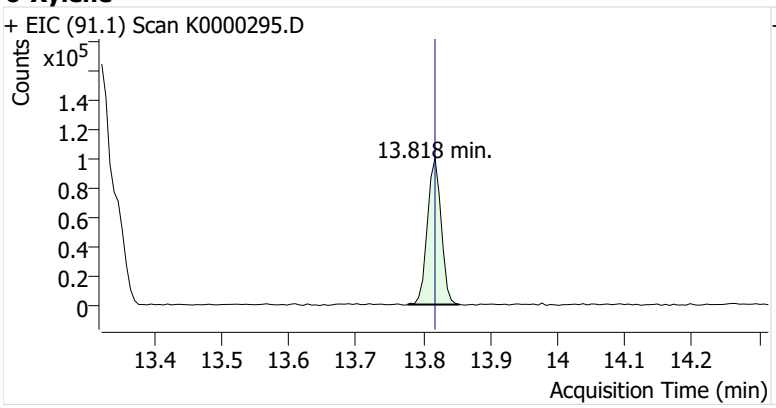


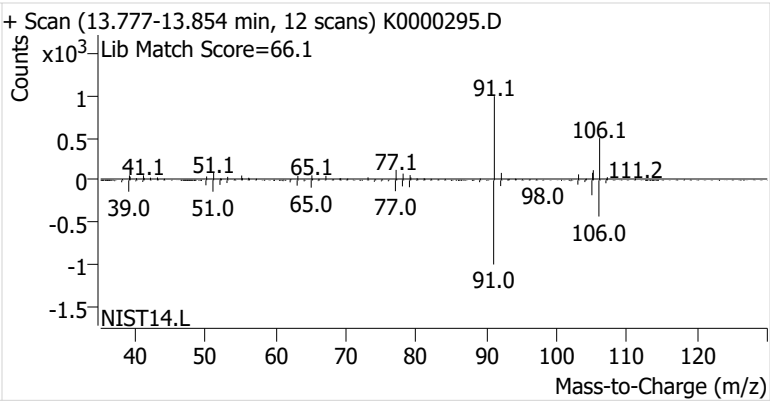
m-/p-Xylene





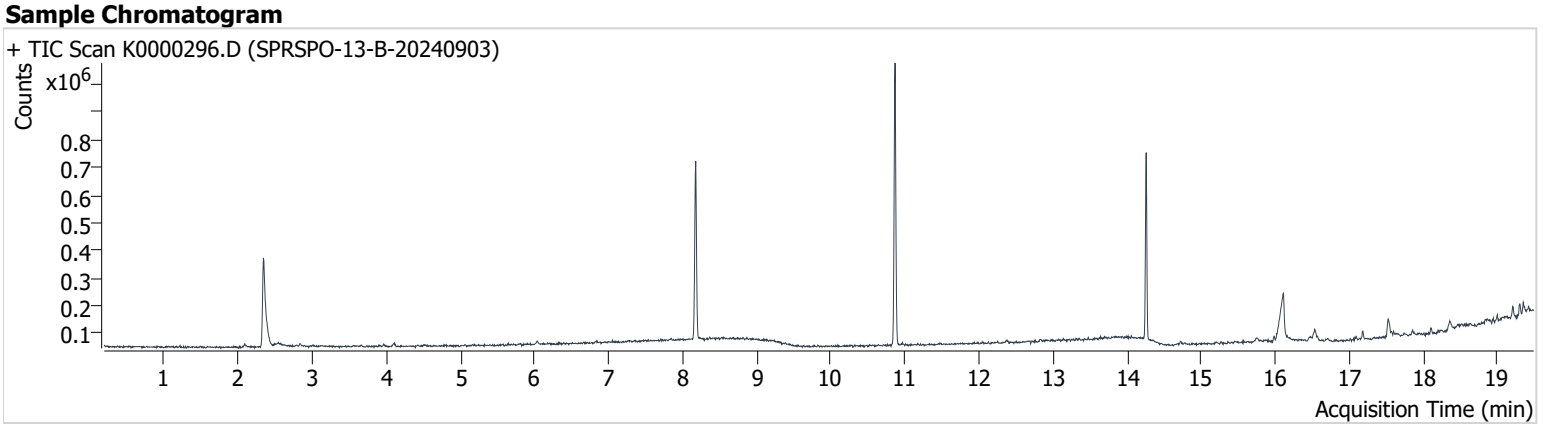
o-Xylene


+ EIC (91.1) Scan K0000295.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.777-13.854 min, 12 scans) K0000295.D
Lib Match Score=66.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.1
65.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

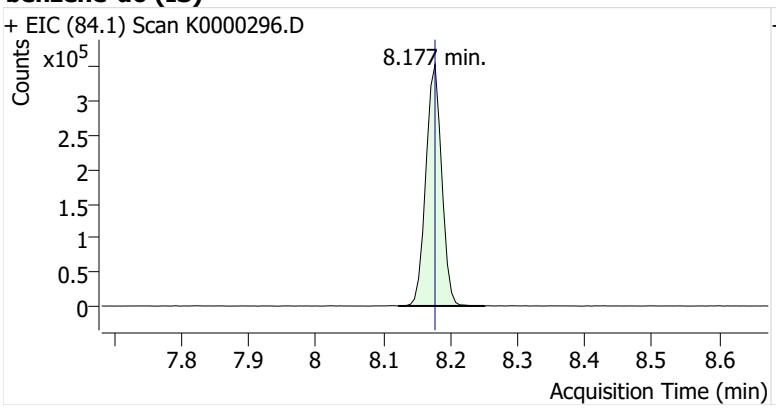
Name	SPRSPO-13-B-20240903
Comment	C39242
Data File	K0000296.D
Acq. Date-Time	9/20/2024 11:43:36 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

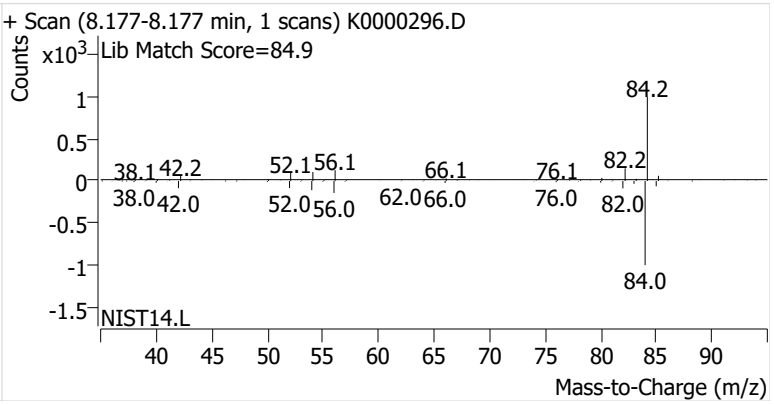
Sample Chromatogram



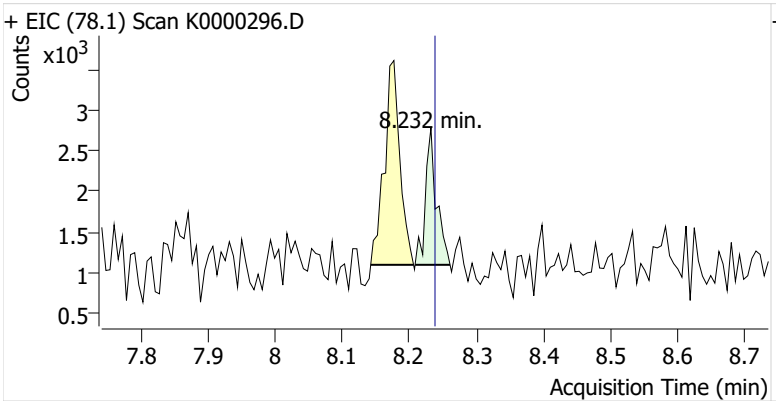
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	576,749	
Benzene	benzene-d6 (IS)	8.232	8.238	1,849	
Toluene-d8 (IS)		10.869	10.869	650,005	
Toluene	Toluene-d8 (IS)	10.961	10.967	2,433	
Ethylbenzene	Toluene-d8 (IS)	13.316	13.145	ND	m
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	1,459	
o-Xylene	Toluene-d8 (IS)	13.750	13.818	261	

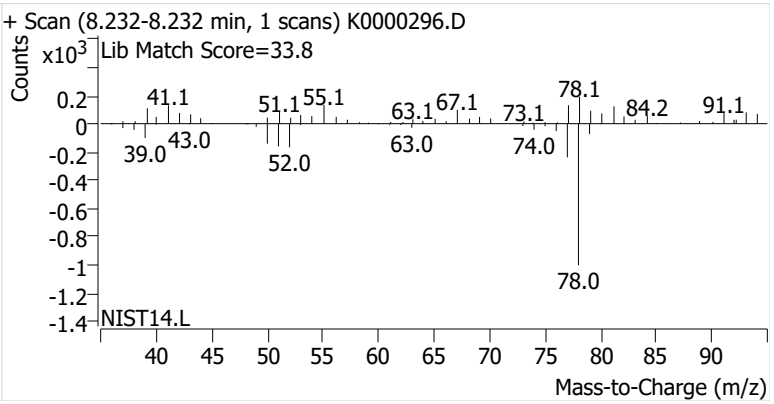
benzene-d6 (IS)



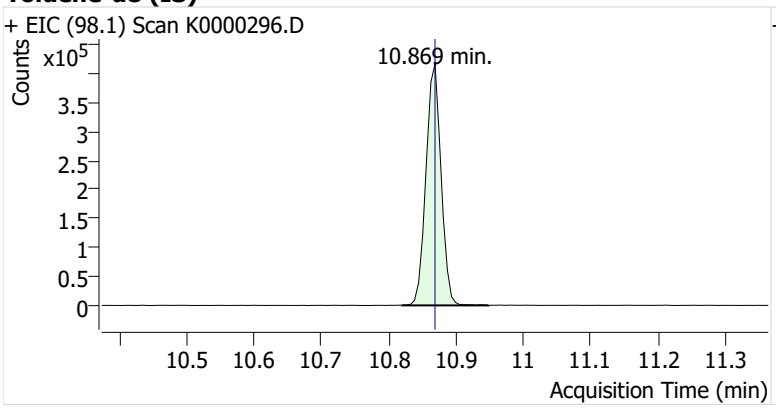


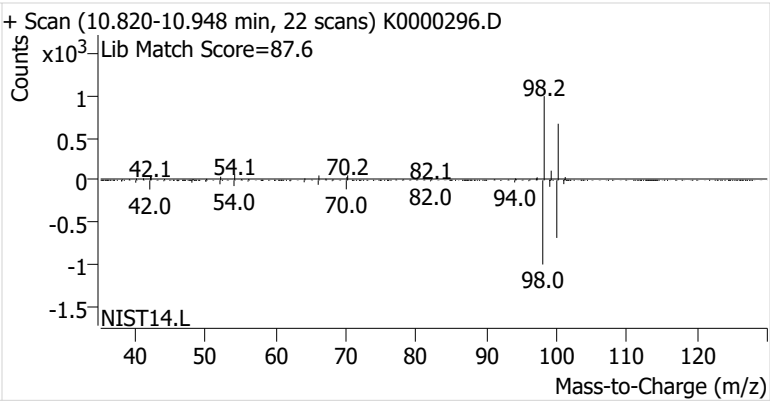
Benzene



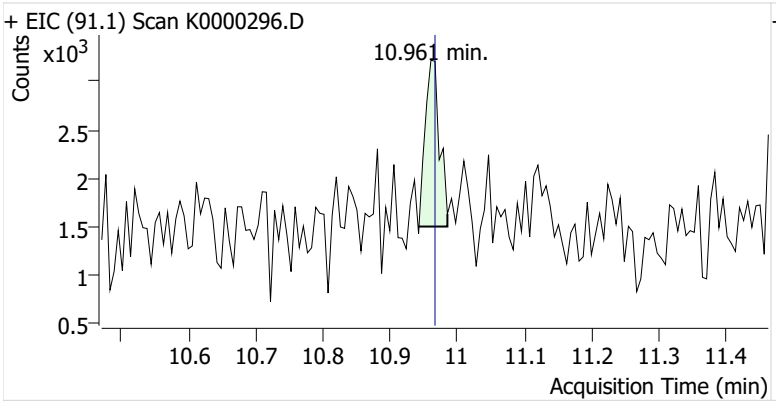


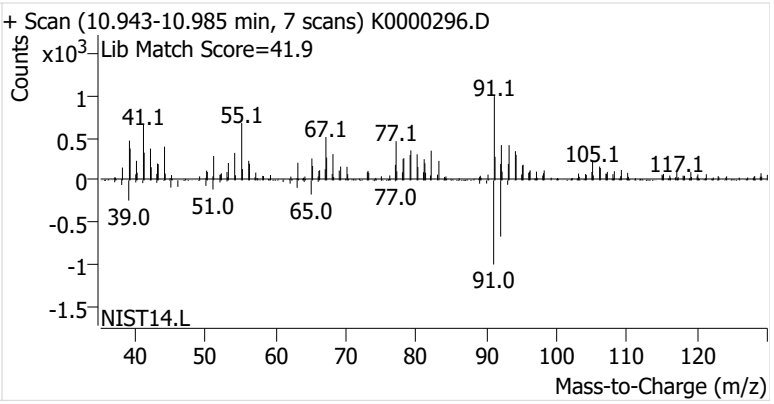
Toluene-d8 (IS)



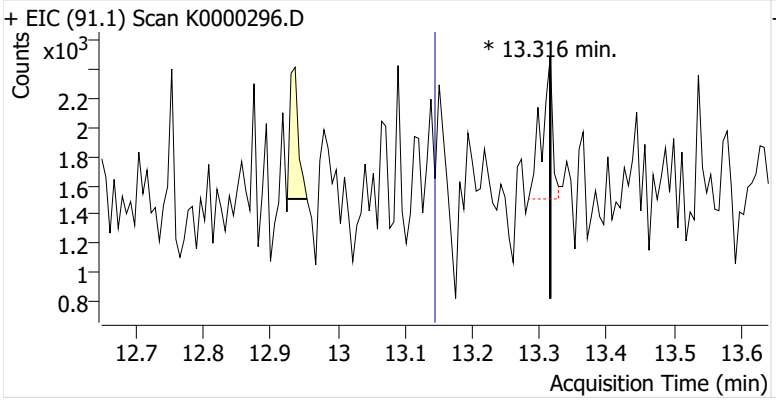


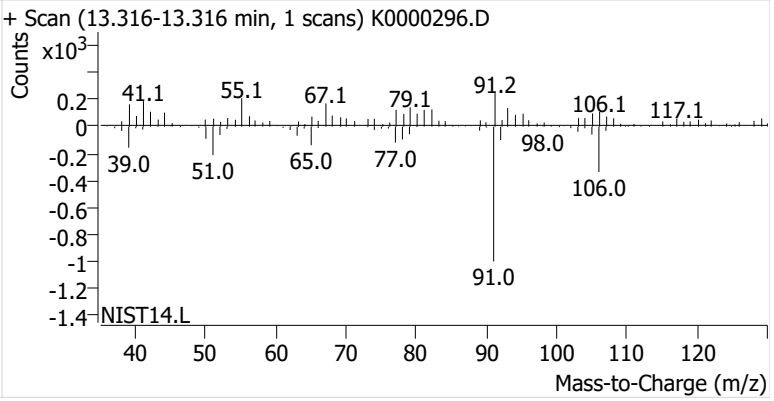
Toluene



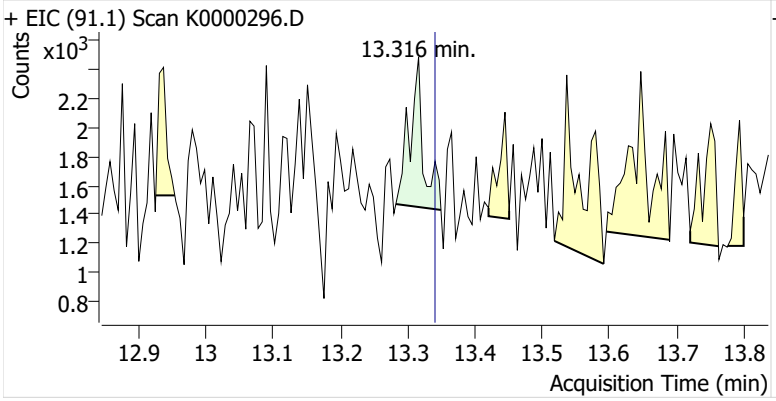


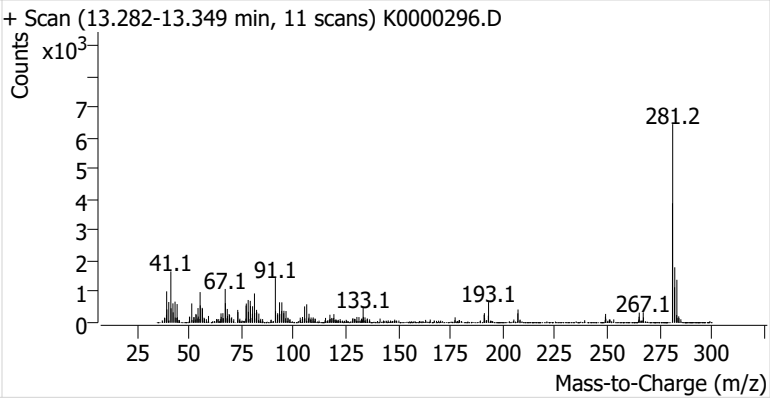
Ethylbenzene



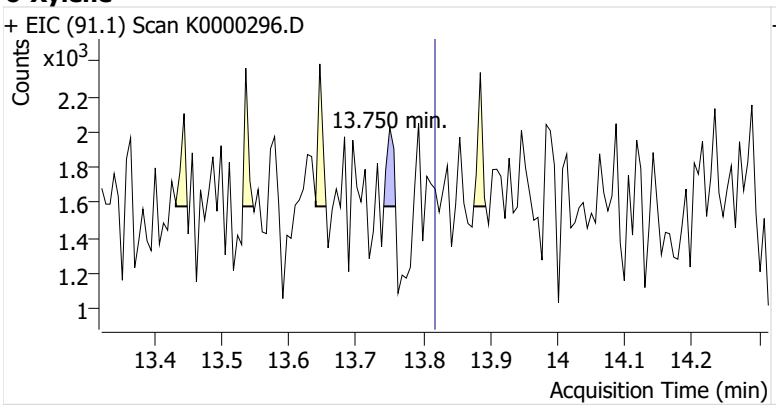


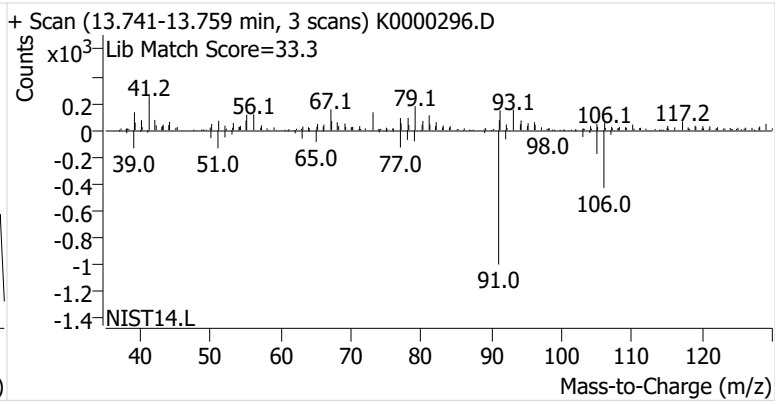
m-/p-Xylene





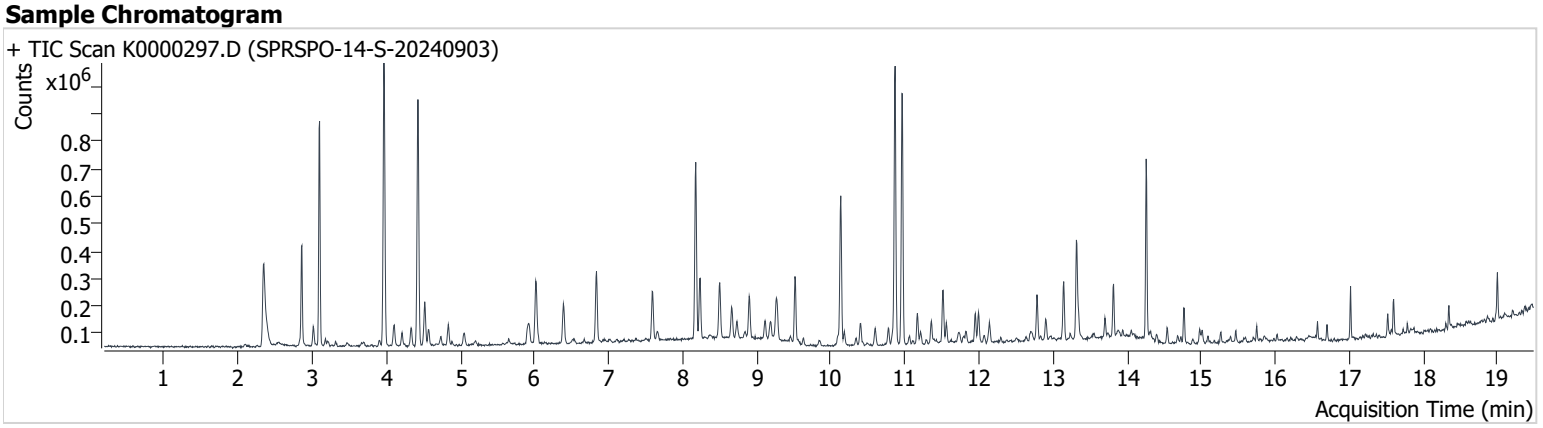
o-Xylene


+ EIC (91.1) Scan K0000296.D
Counts
x10^3
2.2
2
1.8
1.6
1.4
1.2
1
13.750 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.741-13.759 min, 3 scans) K0000296.D
Counts
x10^3
Lib Match Score=33.3
41.2
56.1
67.1
79.1
93.1
106.1
117.2
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

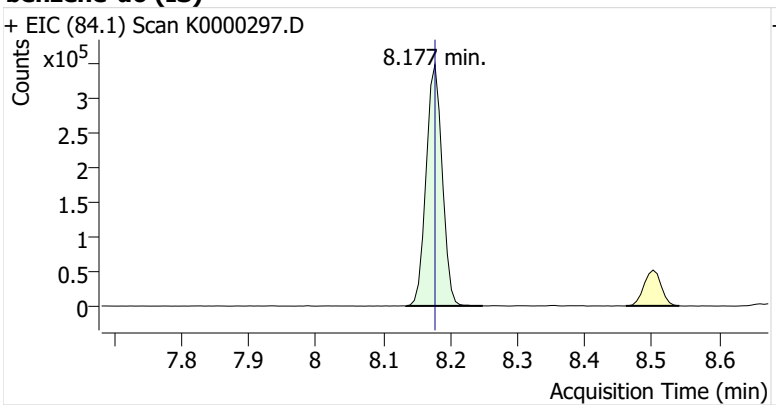
Name	SPRSPO-14-S-20240903
Comment	C16079
Data File	K0000297.D
Acq. Date-Time	9/21/2024 12:11:07 AM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

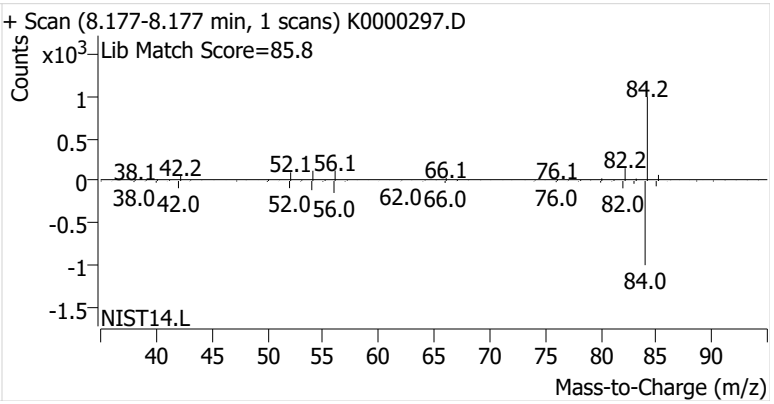
Sample Chromatogram



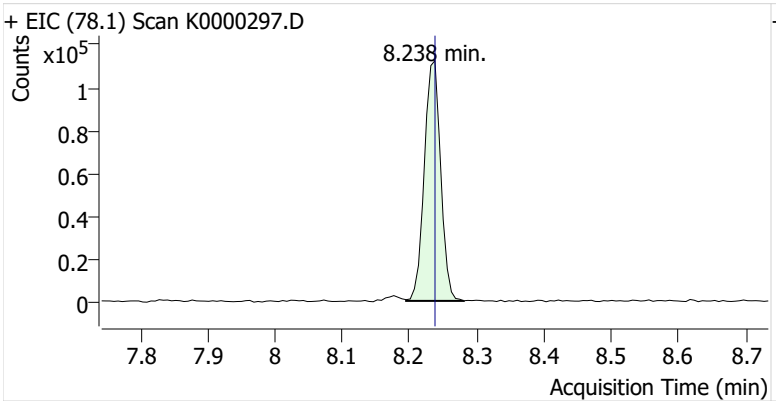
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	578,493	
Benzene	benzene-d6 (IS)	8.238	8.238	188,142	
Toluene-d8 (IS)		10.869	10.869	655,821	
Toluene	Toluene-d8 (IS)	10.967	10.967	629,504	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	145,078	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	245,319	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	100,911	

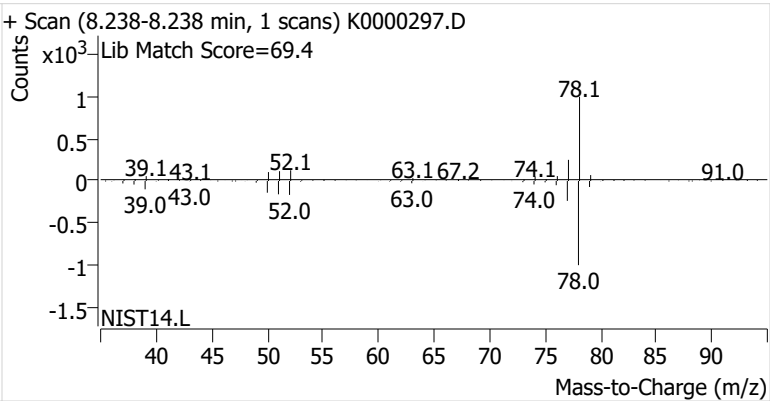
benzene-d6 (IS)



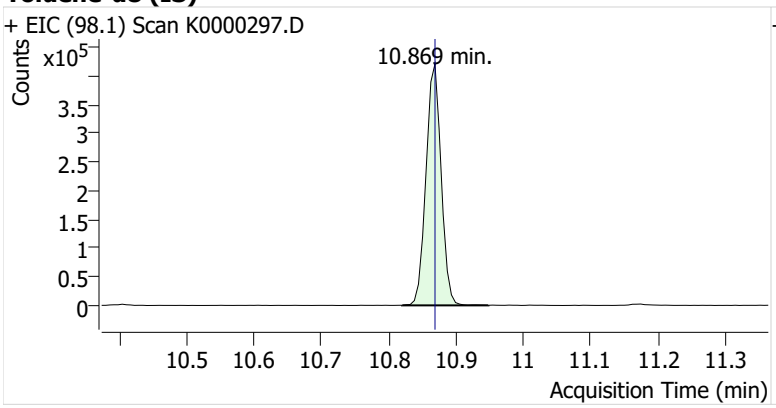


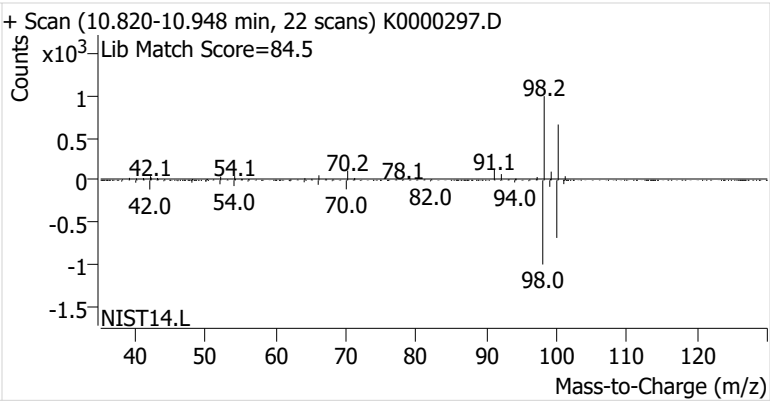
Benzene



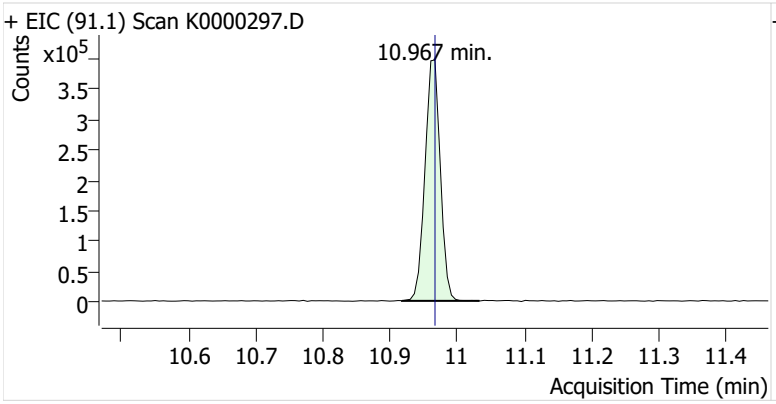


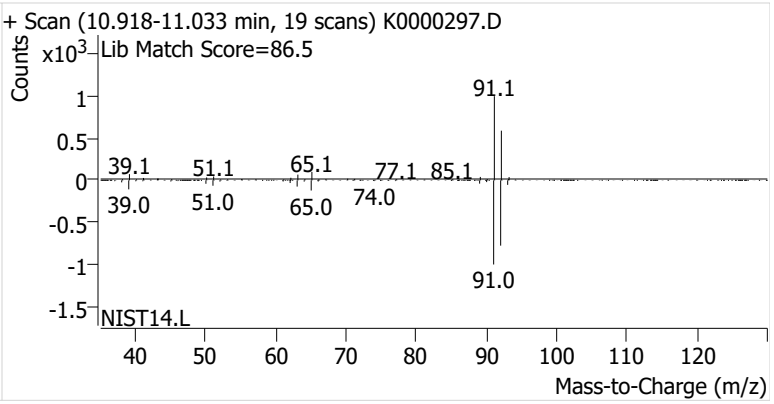
Toluene-d8 (IS)



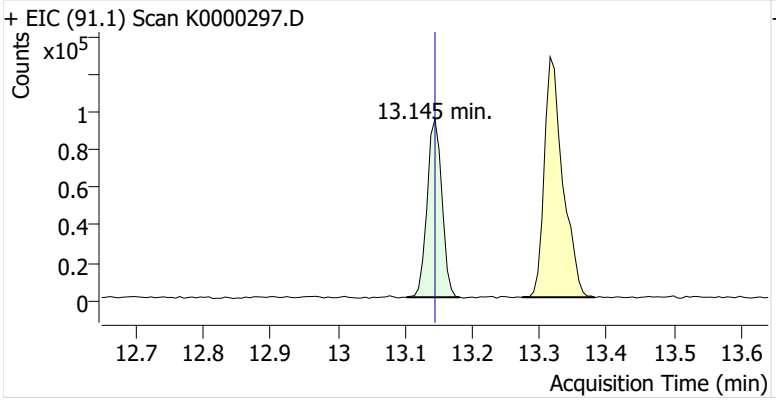


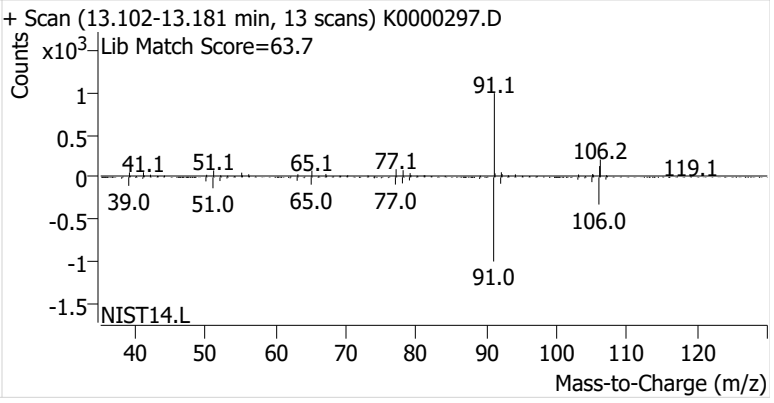
Toluene



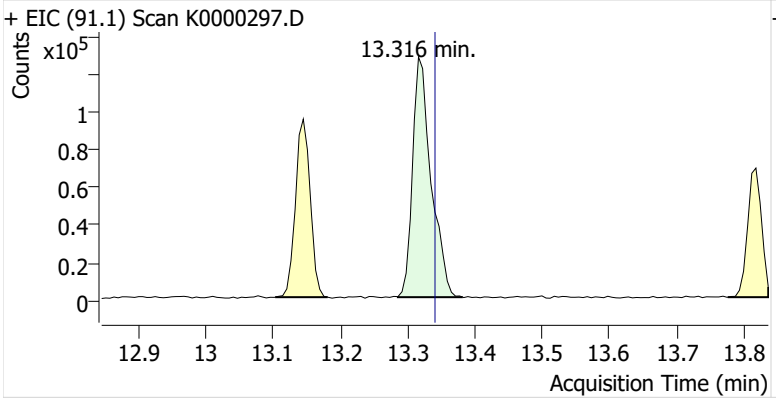


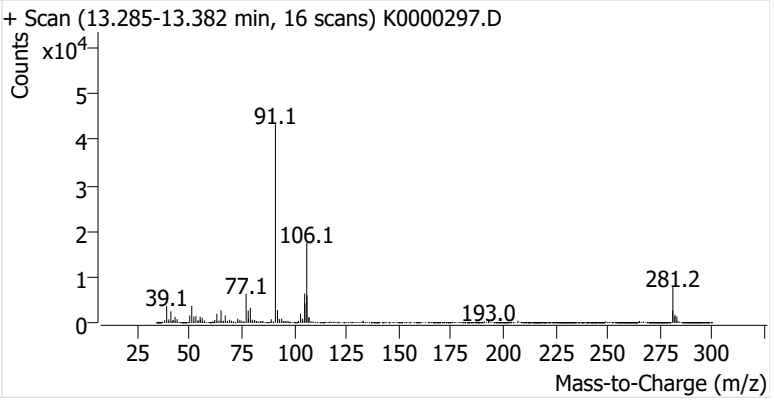
Ethylbenzene



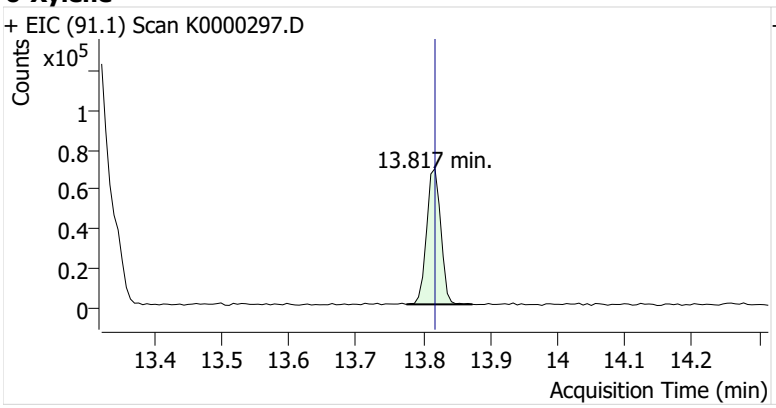


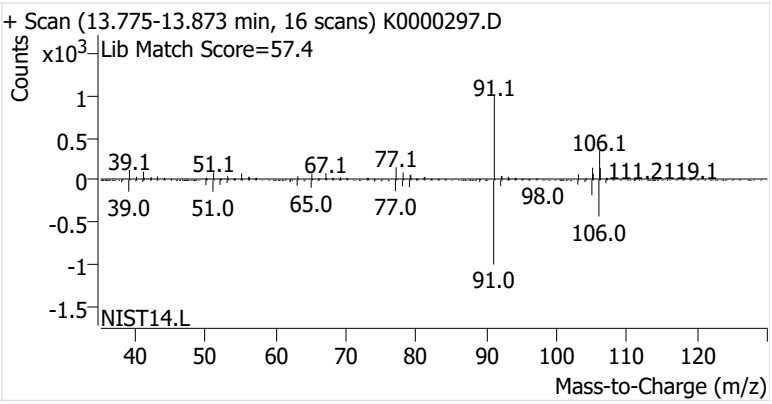
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000297.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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Lib Match Score=57.4
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0
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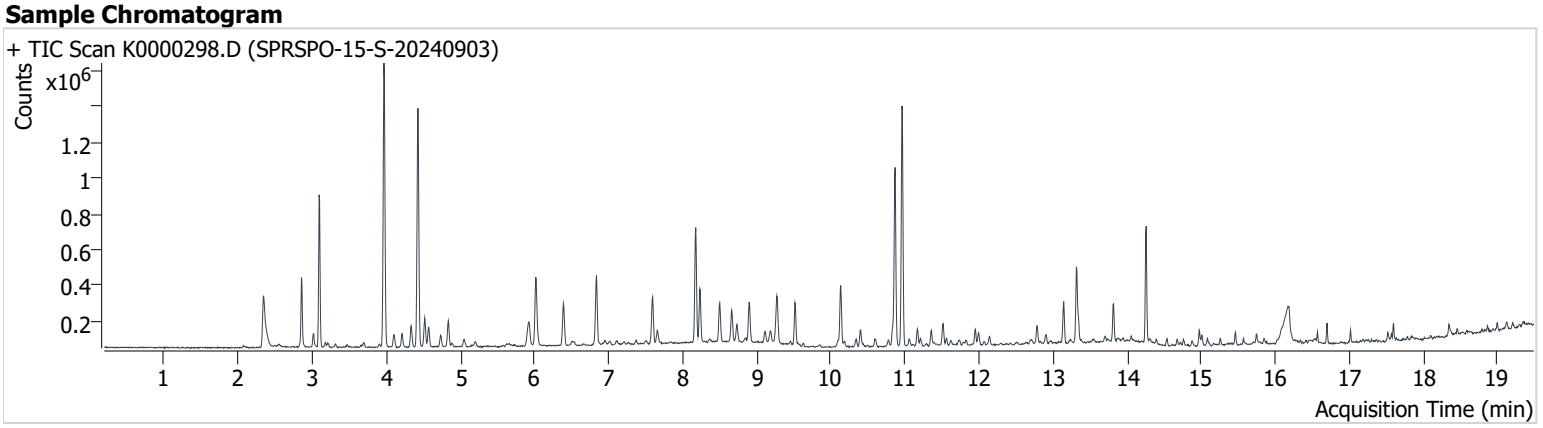
-1.5
91.1
106.1
111.2119.1
39.1
51.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

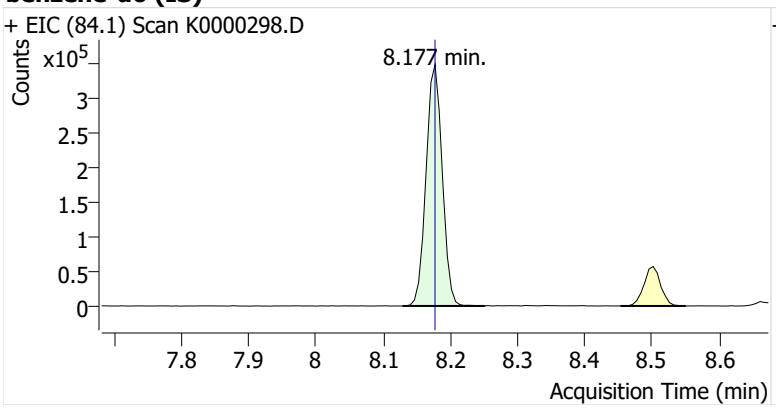
Name	SPRSPO-15-S-20240903
Comment	B31142
Data File	K0000298.D
Acq. Date-Time	9/21/2024 12:38:36 AM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

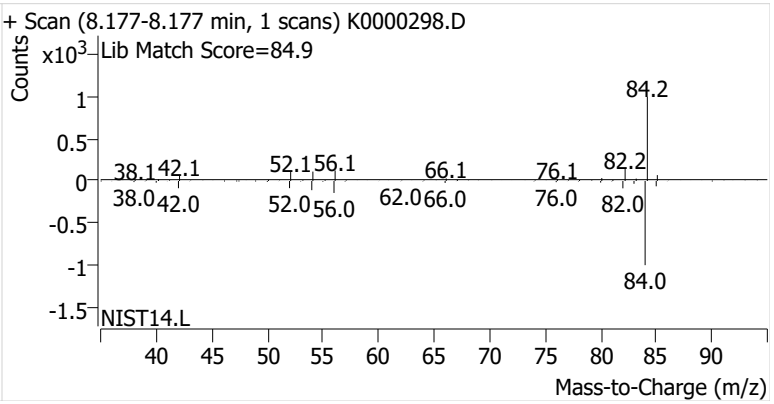
Sample Chromatogram



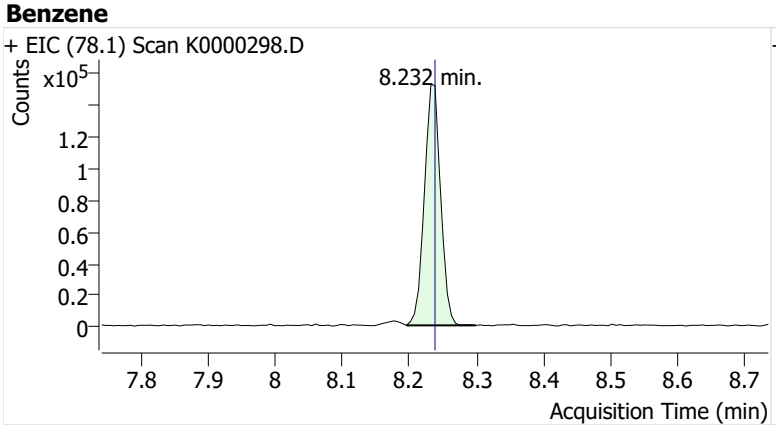
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	579,376	
Benzene	benzene-d6 (IS)	8.232	8.238	254,084	
Toluene-d8 (IS)		10.869	10.869	646,597	
Toluene	Toluene-d8 (IS)	10.961	10.967	901,576	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	156,887	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	292,528	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	116,194	

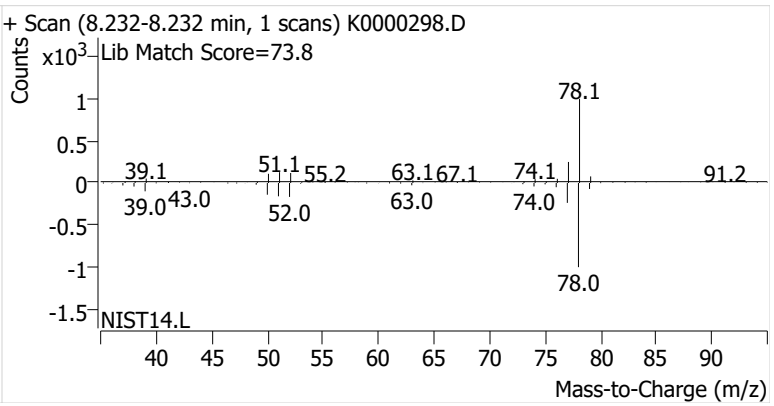
benzene-d6 (IS)



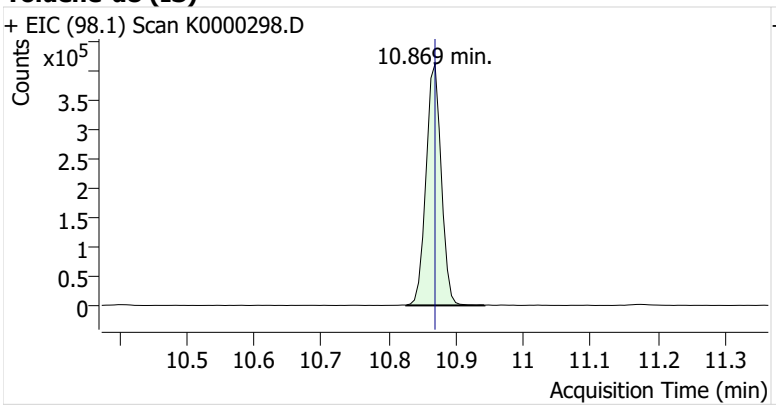


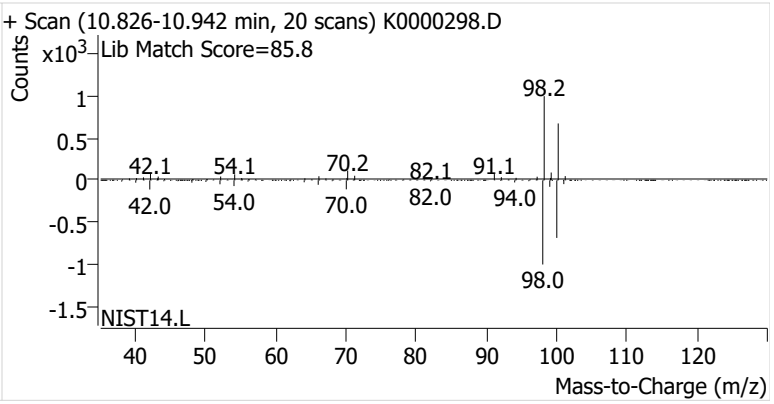
Benzene



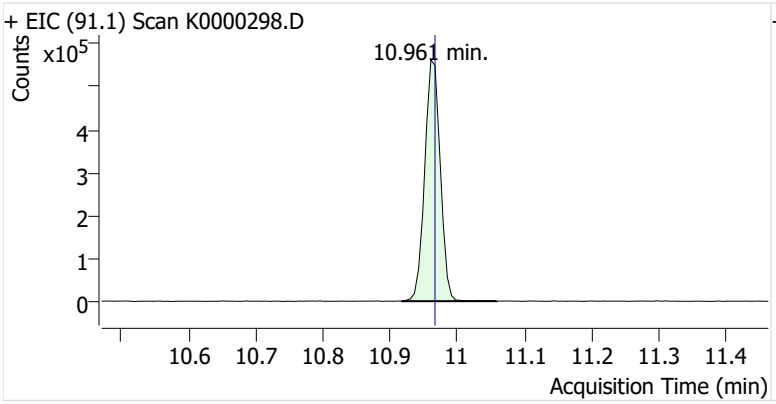


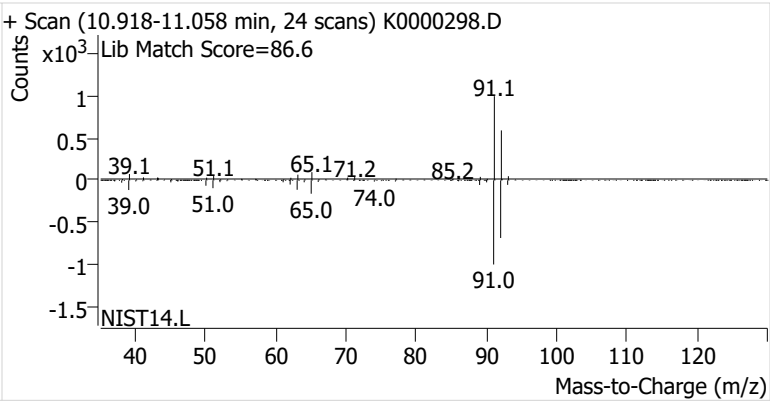
Toluene-d8 (IS)



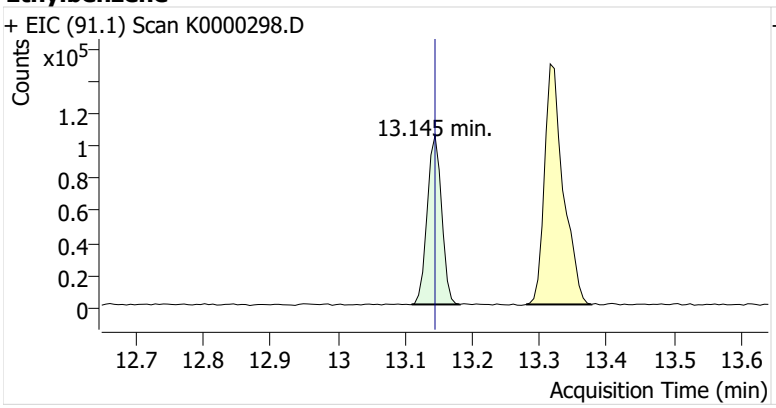


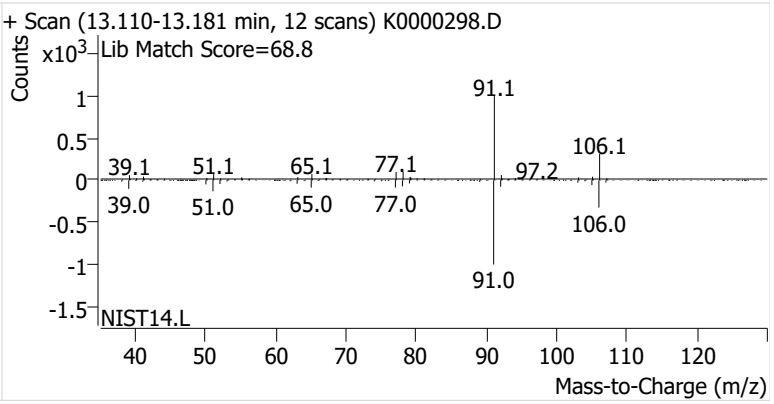
Toluene



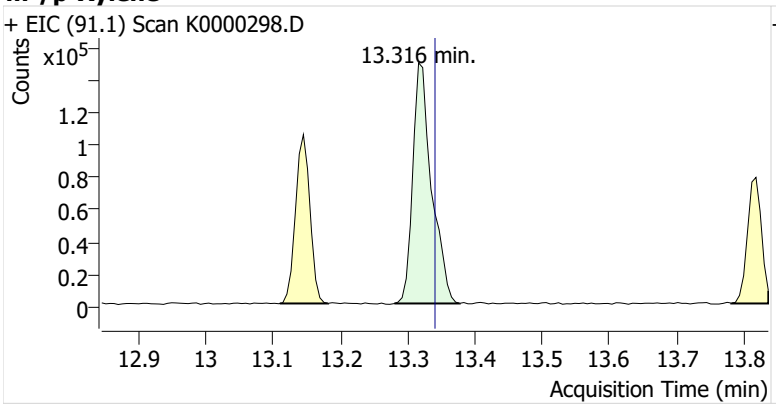


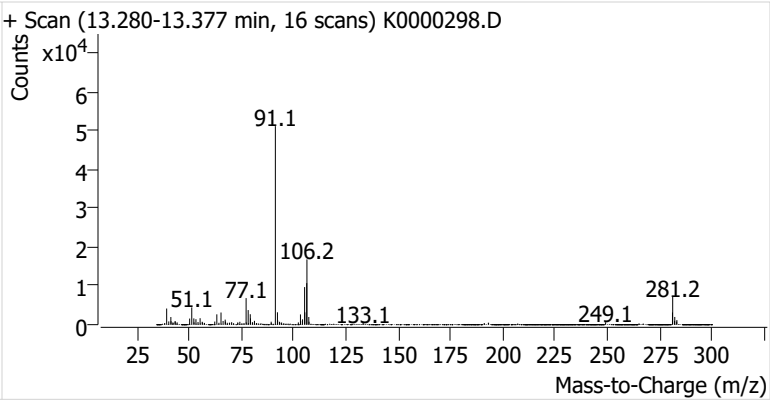
Ethylbenzene



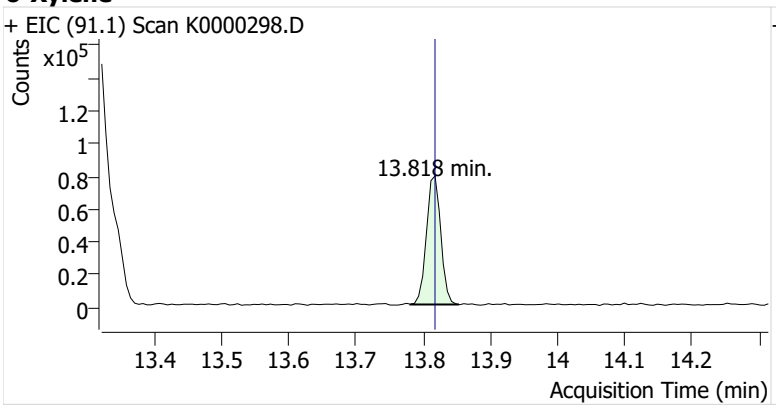


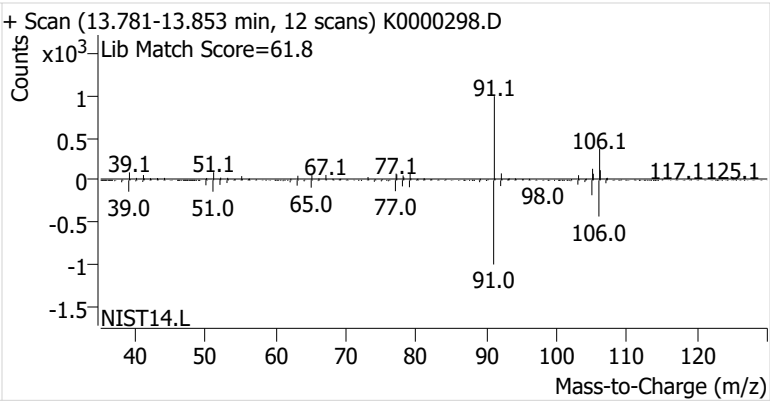
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000298.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.781-13.853 min, 12 scans) K0000298.D
Lib Match Score=61.8
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-1
-1.5
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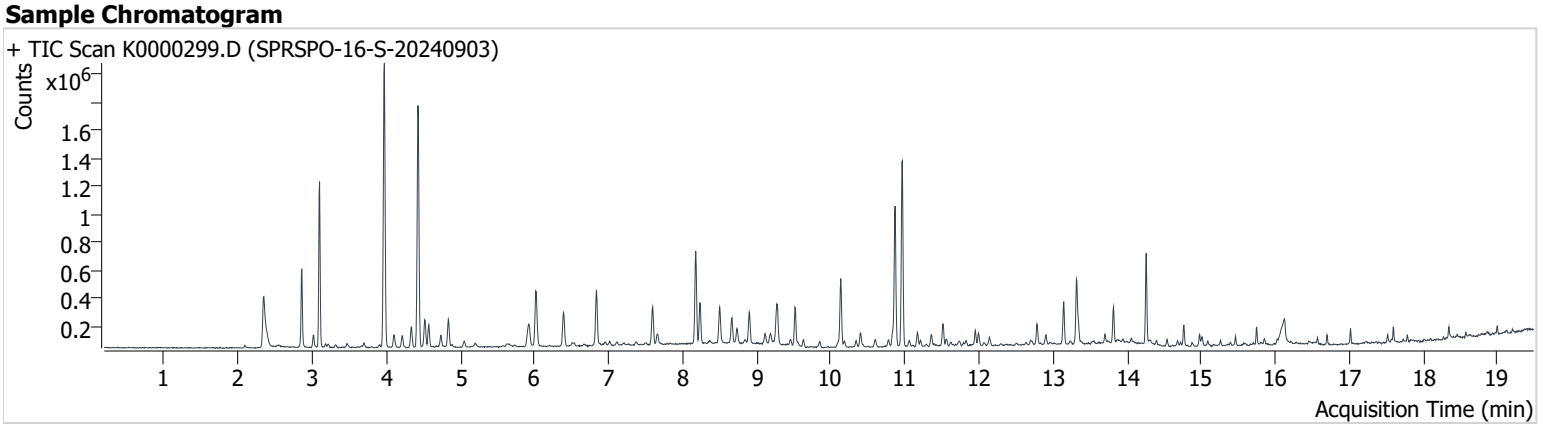
106.1
39.1
51.1
67.1
77.1
117.1125.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

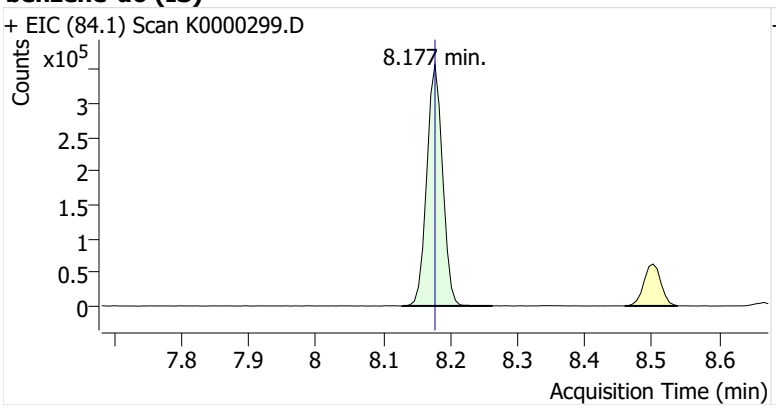
Name	SPRSPO-16-S-20240903
Comment	B20244
Data File	K0000299.D
Acq. Date-Time	9/21/2024 1:06:08 AM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

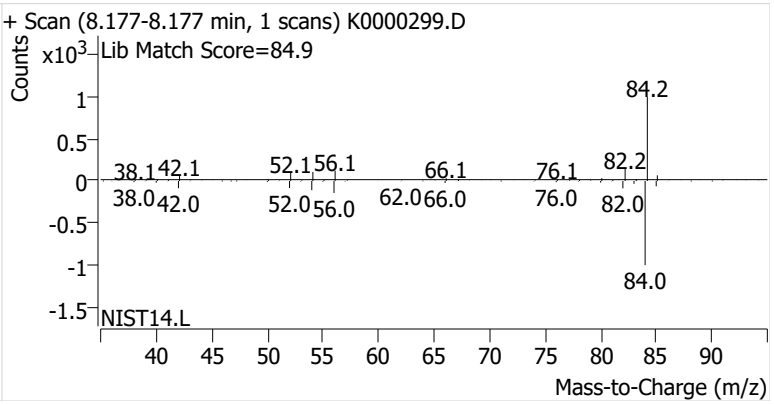
Sample Chromatogram



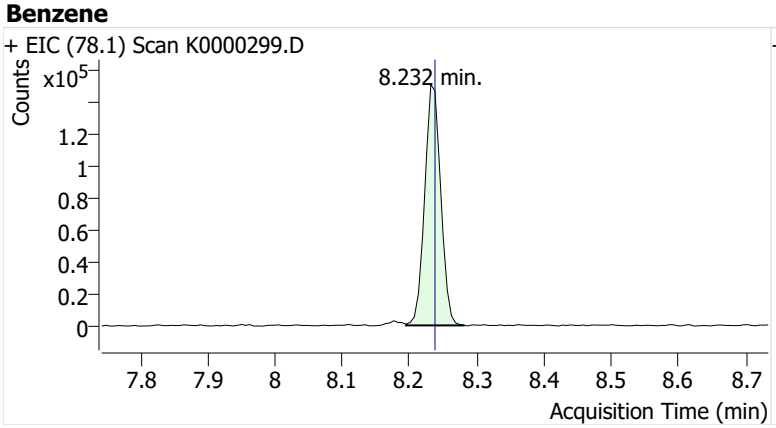
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	583,604	
Benzene	benzene-d6 (IS)	8.232	8.238	247,398	
Toluene-d8 (IS)		10.869	10.869	643,659	
Toluene	Toluene-d8 (IS)	10.960	10.967	896,095	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	198,457	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	319,321	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	135,338	

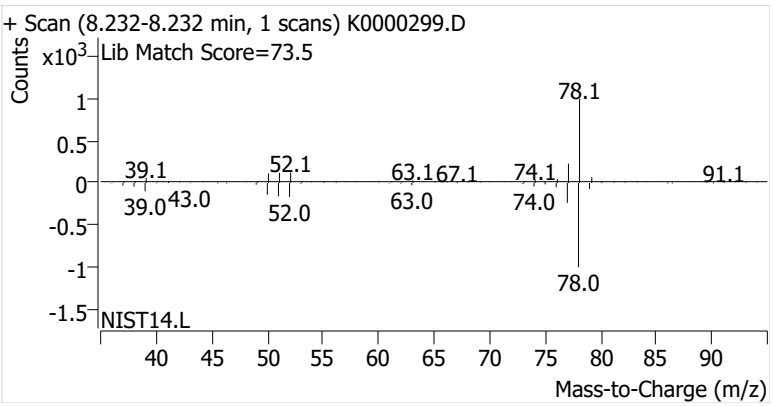
benzene-d6 (IS)



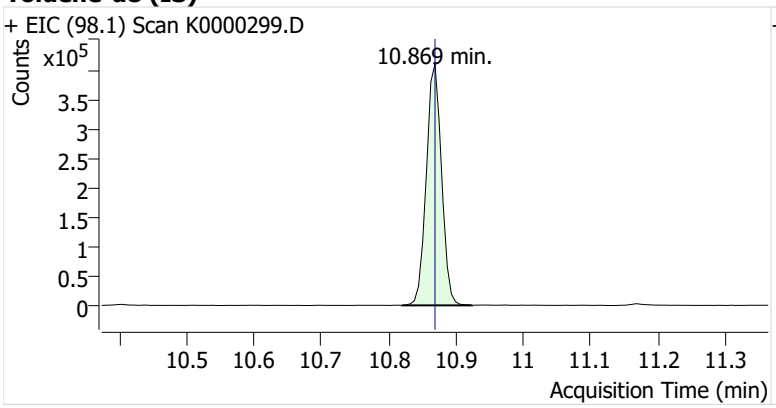


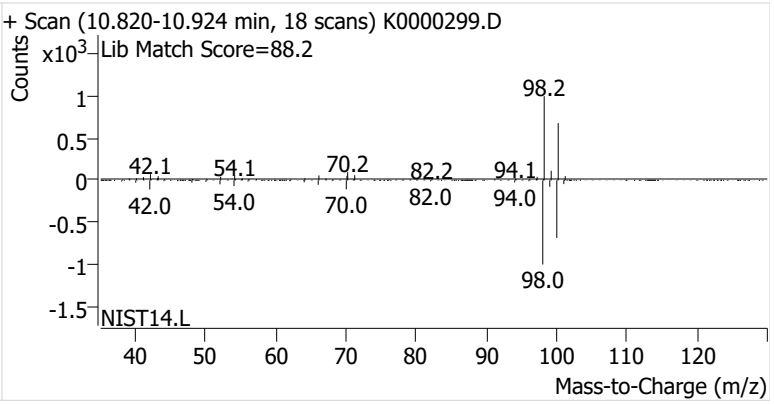
Benzene



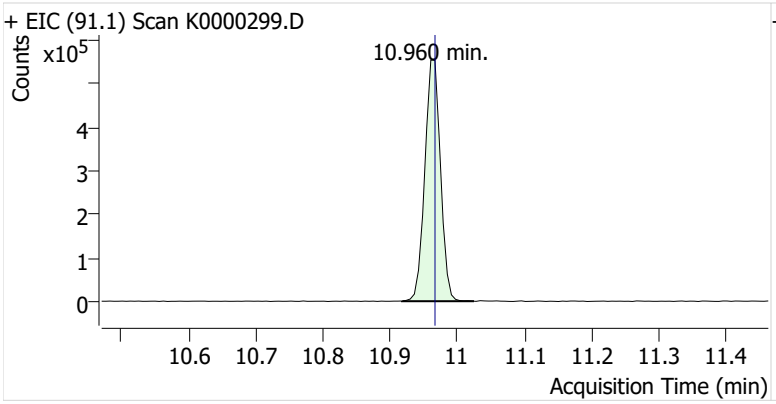


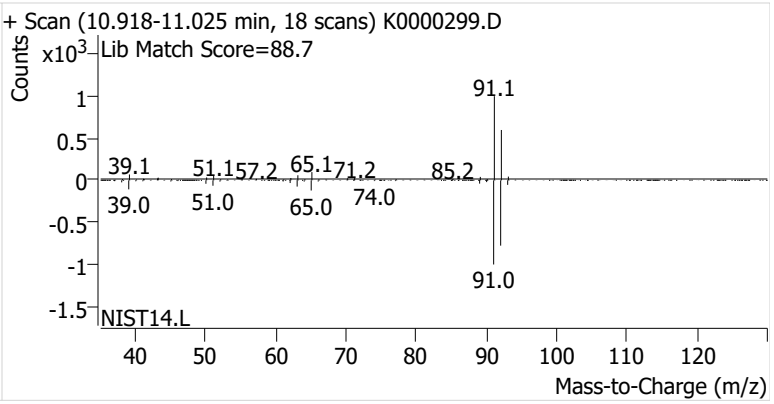
Toluene-d8 (IS)



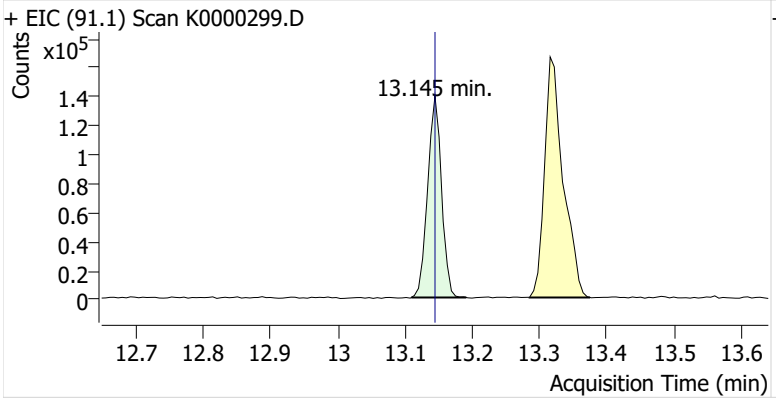


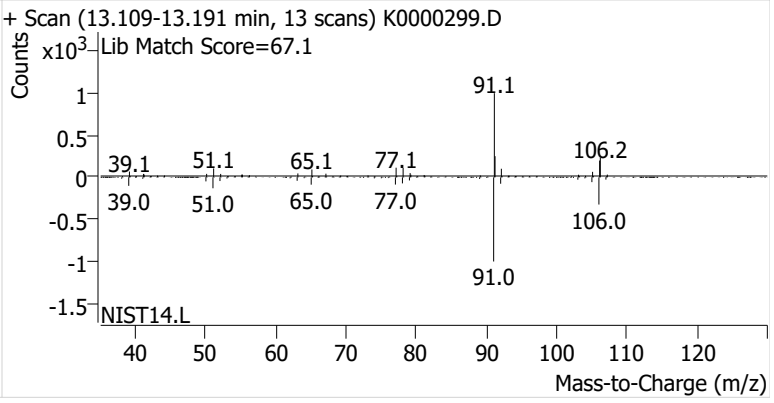
Toluene



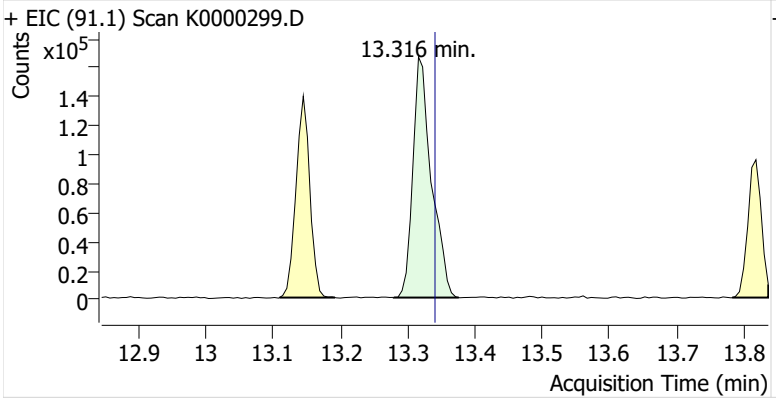


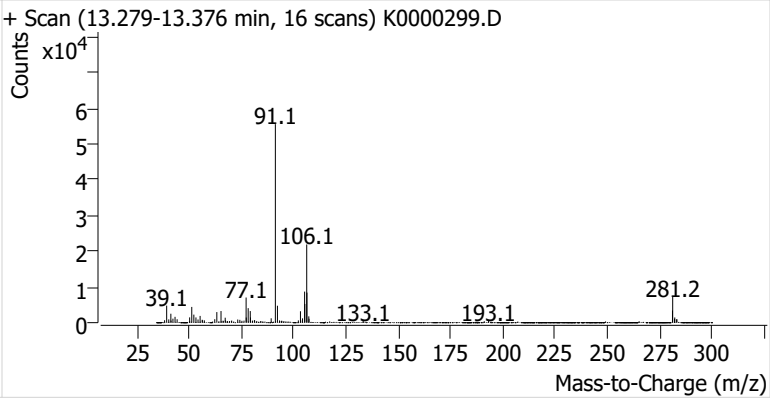
Ethylbenzene



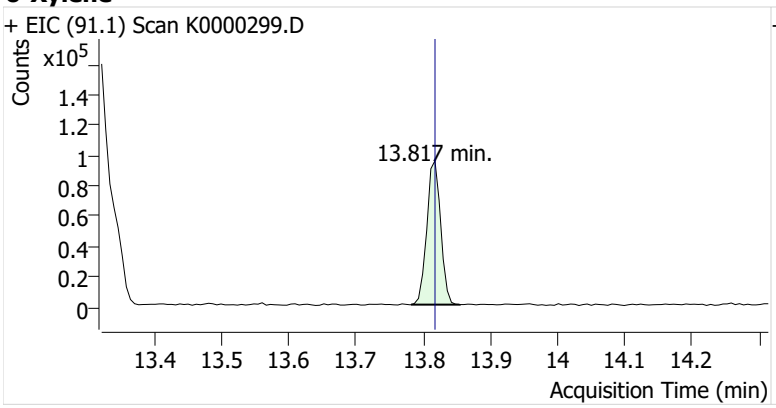


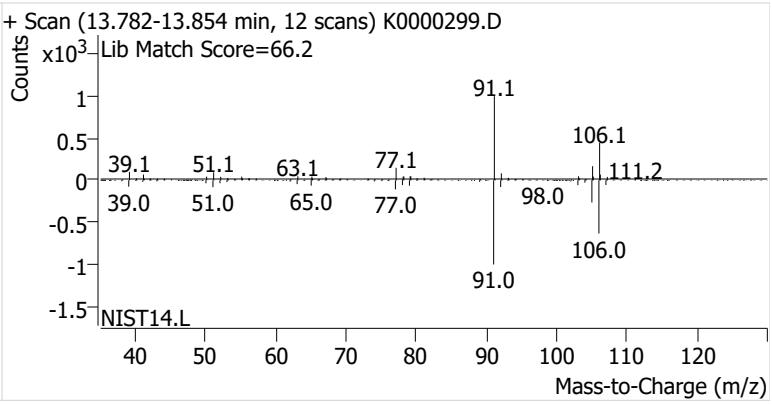
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000299.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.782-13.854 min, 12 scans) K0000299.D
Lib Match Score=66.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
63.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.268	1.340	1.268	-5.4%	36%		Pass	
2024GA304 Method Blank-1	Blank		1.340	1.268			-0.15%	Pass	ND
M325B CCV 5	Check	1.274	1.340	1.268	-4.9%		-0.92%	Pass	
M325B CCV 5	Check	1.257	1.340	1.268	-6.2%		1.4%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.726	1.828	1.726	-5.6%	30%		Pass	
2024GA304 Method Blank-1	Blank		1.828	1.726			4.9%	Pass	ND
M325B CCV 5	Check	1.489	1.828	1.726	-19%		8.5%	Pass	
M325B CCV 5	Check	1.501	1.828	1.726	-18%		11%	Pass	

m-/p-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.390	1.361	1.390	2.1%	29%		Pass	
2024GA304 Method Blank-1	Blank		1.361	1.390			4.9%	Pass	ND
M325B CCV 5	Check	1.068	1.361	1.390	-22%		8.5%	Pass	
M325B CCV 5	Check	1.141	1.361	1.390	-16%		11%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.352	1.396	1.352	-3.1%	30%		Pass	
2024GA304 Method Blank-1	Blank		1.396	1.352			4.9%	Pass	ND
M325B CCV 5	Check	1.056	1.396	1.352	-24%		8.5%	Pass	
M325B CCV 5	Check	1.125	1.396	1.352	-19%		11%	Pass	

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.519	1.569	1.519	-3.2%	30%		Pass	
2024GA304 Method Blank-1	Blank		1.569	1.519			4.9%	Pass	ND
M325B CCV 5	Check	1.350	1.569	1.519	-14%		8.5%	Pass	
M325B CCV 5	Check	1.337	1.569	1.519	-15%		11%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GA304-1 EPA Method 325B Analysis

Client No.: PROJ-027968 Site: Sprague - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	1	K0000156.D	4.98	53970	54.6	426953	1.385	3.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	2	K0000157.D	9.97	117471	54.6	423713	1.519	13%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	3	K0000158.D	19.94	217394	54.6	422290	1.410	5.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	4	K0000159.D	39.87	435967	54.6	418214	1.427	6.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	5	K0000160.D	99.68	1042392	54.6	422029	1.353	0.98%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	6	K0000161.D	199.36	2012379	54.6	418665	1.316	-1.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	7	K0000162.D	598.09	4460484	54.6	420310	0.969	-28%
						Avg:	421739	1.340	
						%RSD:	0.72%	13%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	1	K0000156.D	5.18	68005	64.4	430890	1.963	7.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	2	K0000157.D	10.36	140993	64.4	451748	1.941	6.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	3	K0000158.D	20.72	279725	64.4	454255	1.915	4.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	4	K0000159.D	41.44	555830	64.4	460380	1.877	2.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	5	K0000160.D	103.60	1284474	64.4	469763	1.700	-7.0%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	6	K0000161.D	207.21	2359209	64.4	466740	1.572	-14%
						Avg:	455629	1.828	
						%RSD:	3.1%	8.6%	

K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	1	K0000156.D	4.89	44218	64.4	430890	1.351	-0.73%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	2	K0000157.D	9.78	98695	64.4	451748	1.439	5.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	3	K0000158.D	19.57	202684	64.4	454255	1.469	7.9%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	4	K0000159.D	39.14	409796	64.4	460380	1.465	7.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	5	K0000160.D	97.85	954019	64.4	469763	1.337	-1.8%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	6	K0000161.D	195.70	1852548	64.4	466740	1.307	-4.0%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	7	K0000162.D	587.09	5010845	64.4	473698	1.161	-15%
						Avg:	458211	1.361	
						%RSD:	3.2%	8.1%	

K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	1	K0000156.D	5.10	47539	64.4	430890	1.393	-0.18%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	2	K0000157.D	10.21	106292	64.4	451748	1.485	6.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	3	K0000158.D	20.41	211162	64.4	454255	1.467	5.1%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	4	K0000159.D	40.82	430029	64.4	460380	1.474	5.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	5	K0000160.D	102.05	963368	64.4	469763	1.295	-7.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	6	K0000161.D	204.11	1860527	64.4	466740	1.258	-9.8%
						Avg:	455629	1.396	
						%RSD:	3.1%	7.1%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	1	K0000156.D	5.39	60741	64.4	430890	1.685	7.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	2	K0000157.D	10.78	123928	64.4	451748	1.640	4.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	3	K0000158.D	21.56	246848	64.4	454255	1.624	3.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	4	K0000159.D	43.11	491226	64.4	460380	1.595	1.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	5	K0000160.D	107.78	1153960	64.4	469763	1.468	-6.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	6	K0000161.D	215.57	2187840	64.4	466740	1.401	-11%
						Avg:	455629	1.569	
						%RSD:	3.1%	7.0%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	ICV	K0000163.D	64.50	630072	54.6	427126	1.249	-6.8%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	ICV	K0000163.D	86.60	937378	64.4	475697	1.466	-20%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	ICV	K0000163.D	90.14	741782	64.4	475697	1.115	-18%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	ICV	K0000163.D	88.73	717484	64.4	475697	1.095	-22%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	ICV	K0000163.D	76.93	794256	64.4	475697	1.398	-11%

This Is The Last Page Of This Report.

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