

QUARTER 3, 2024 (REVISION 1) FENCELINE MONITORING REPORT FOR THE CITGO SOUTH PORTLAND MAINE TERMINAL

Prepared For:

CITGO Petroleum Corporation

293 Eldridge Parkway
Houston, TX 77077

PO Box 655
Pennsauken, NJ 07719

Facility:

CITGO Petroleum Corporation

102 Mechanic Street

South Portland, ME 04106

Prepared By:

Montrose Air Quality Services LLC

45 Route 46 East, Suite 601

Pine Brook, NJ 07058

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Revision 1 Date: **November 12, 2024**

CITGO 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
CGOSP-1-S-20240827	1	Benzene	Sample	1.9	ug/m3	0.188	ug/m3		Y	8/27/2024	12:15	9/10/2024	11:55
CGOSP-1-S-20240827	1	Ethylbenzene	Sample	1.73	ug/m3	0.273	ug/m3		Y	8/27/2024	12:15	9/10/2024	11:55
CGOSP-1-S-20240827	1	m-/p-Xylene	Sample	6.5	ug/m3	0.273	ug/m3		Y	8/27/2024	12:15	9/10/2024	11:55
CGOSP-1-S-20240827	1	o-Xylene	Sample	2.68	ug/m3	0.273	ug/m3		Y	8/27/2024	12:15	9/10/2024	11:55
CGOSP-1-S-20240827	1	Toluene	Sample	11.9	ug/m3	0.242	ug/m3		Y	8/27/2024	12:15	9/10/2024	11:55
CGOSP-2-S-20240827	2	Benzene	Sample	1.28	ug/m3	0.188	ug/m3		Y	8/27/2024	12:20	9/10/2024	12:00
CGOSP-2-S-20240827	2	Ethylbenzene	Sample	1.21	ug/m3	0.273	ug/m3		Y	8/27/2024	12:20	9/10/2024	12:00
CGOSP-2-S-20240827	2	m-/p-Xylene	Sample	4.36	ug/m3	0.273	ug/m3		Y	8/27/2024	12:20	9/10/2024	12:00
CGOSP-2-S-20240827	2	o-Xylene	Sample	2.13	ug/m3	0.273	ug/m3		Y	8/27/2024	12:20	9/10/2024	12:00
CGOSP-2-S-20240827	2	Toluene	Sample	5.66	ug/m3	0.242	ug/m3		Y	8/27/2024	12:20	9/10/2024	12:00
CGOSP-3-S-20240827	3	Benzene	Sample	1.7	ug/m3	0.188	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-S-20240827	3	Ethylbenzene	Sample	1.45	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-S-20240827	3	m-/p-Xylene	Sample	5.53	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-S-20240827	3	o-Xylene	Sample	2.29	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-S-20240827	3	Toluene	Sample	13.5	ug/m3	0.242	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-D-20240827	3	Benzene	Duplicate	1.66	ug/m3	0.188	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-D-20240827	3	Ethylbenzene	Duplicate	1.48	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-D-20240827	3	m-/p-Xylene	Duplicate	5.63	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-D-20240827	3	o-Xylene	Duplicate	2.43	ug/m3	0.273	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-D-20240827	3	Toluene	Duplicate	17.5	ug/m3	0.242	ug/m3		Y	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-B-20240827	3	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-B-20240827	3	Ethylbenzene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-B-20240827	3	m-/p-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-B-20240827	3	o-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:25	9/10/2024	12:05
CGOSP-3-B-20240827	3	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	8/27/2024	12:25	9/10/2024	12:05
CGOSP-4-S-20240827	4	Benzene	Sample	2.4	ug/m3	0.188	ug/m3		Y	8/27/2024	12:30	9/10/2024	12:10
CGOSP-4-S-20240827	4	Ethylbenzene	Sample	1.98	ug/m3	0.273	ug/m3		Y	8/27/2024	12:30	9/10/2024	12:10
CGOSP-4-S-20240827	4	m-/p-Xylene	Sample	6.43	ug/m3	0.273	ug/m3		Y	8/27/2024	12:30	9/10/2024	12:10
CGOSP-4-S-20240827	4	o-Xylene	Sample	2.56	ug/m3	0.273	ug/m3		Y	8/27/2024	12:30	9/10/2024	12:10

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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
CGOSP-4-S-20240827	4	Toluene	Sample	9.07	ug/m3	0.242	ug/m3		Y	8/27/2024	12:30	9/10/2024	12:10
CGOSP-5-S-20240827	5	Benzene	Sample	2.96	ug/m3	0.188	ug/m3		Y	8/27/2024	12:35	9/10/2024	12:15
CGOSP-5-S-20240827	5	Ethylbenzene	Sample	2.42	ug/m3	0.273	ug/m3		Y	8/27/2024	12:35	9/10/2024	12:15
CGOSP-5-S-20240827	5	m-/p-Xylene	Sample	6.64	ug/m3	0.273	ug/m3		Y	8/27/2024	12:35	9/10/2024	12:15
CGOSP-5-S-20240827	5	o-Xylene	Sample	2.52	ug/m3	0.273	ug/m3		Y	8/27/2024	12:35	9/10/2024	12:15
CGOSP-5-S-20240827	5	Toluene	Sample	11.9	ug/m3	0.242	ug/m3		Y	8/27/2024	12:35	9/10/2024	12:15
CGOSP-6-S-20240827	6	Benzene	Sample	2.88	ug/m3	0.188	ug/m3		Y	8/27/2024	12:40	9/10/2024	12:20
CGOSP-6-S-20240827	6	Ethylbenzene	Sample	2.4	ug/m3	0.273	ug/m3		Y	8/27/2024	12:40	9/10/2024	12:20
CGOSP-6-S-20240827	6	m-/p-Xylene	Sample	7.09	ug/m3	0.273	ug/m3		Y	8/27/2024	12:40	9/10/2024	12:20
CGOSP-6-S-20240827	6	o-Xylene	Sample	2.82	ug/m3	0.273	ug/m3		Y	8/27/2024	12:40	9/10/2024	12:20
CGOSP-6-S-20240827	6	Toluene	Sample	10.9	ug/m3	0.242	ug/m3		Y	8/27/2024	12:40	9/10/2024	12:20
CGOSP-7-S-20240827	7	Benzene	Sample	3.34	ug/m3	0.188	ug/m3		Y	8/27/2024	12:45	9/10/2024	12:25
CGOSP-7-S-20240827	7	Ethylbenzene	Sample	2.27	ug/m3	0.273	ug/m3		Y	8/27/2024	12:45	9/10/2024	12:25
CGOSP-7-S-20240827	7	m-/p-Xylene	Sample	7.25	ug/m3	0.273	ug/m3		Y	8/27/2024	12:45	9/10/2024	12:25
CGOSP-7-S-20240827	7	o-Xylene	Sample	2.72	ug/m3	0.273	ug/m3		Y	8/27/2024	12:45	9/10/2024	12:25
CGOSP-7-S-20240827	7	Toluene	Sample	14.1	ug/m3	0.242	ug/m3		Y	8/27/2024	12:45	9/10/2024	12:25
CGOSP-8-S-20240827	8	Benzene	Sample	3.64	ug/m3	0.188	ug/m3		Y	8/27/2024	12:50	9/10/2024	12:30
CGOSP-8-S-20240827	8	Ethylbenzene	Sample	2.25	ug/m3	0.273	ug/m3		Y	8/27/2024	12:50	9/10/2024	12:30
CGOSP-8-S-20240827	8	m-/p-Xylene	Sample	7.64	ug/m3	0.273	ug/m3		Y	8/27/2024	12:50	9/10/2024	12:30
CGOSP-8-S-20240827	8	o-Xylene	Sample	2.75	ug/m3	0.273	ug/m3		Y	8/27/2024	12:50	9/10/2024	12:30
CGOSP-8-S-20240827	8	Toluene	Sample	18.4	ug/m3	0.242	ug/m3		Y	8/27/2024	12:50	9/10/2024	12:30
CGOSP-9-S-20240827	9	Benzene	Sample	2.63	ug/m3	0.188	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-S-20240827	9	Ethylbenzene	Sample	1.72	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-S-20240827	9	m-/p-Xylene	Sample	6.14	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-S-20240827	9	o-Xylene	Sample	2.57	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-S-20240827	9	Toluene	Sample	10.5	ug/m3	0.242	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-D-20240827	9	Benzene	Duplicate	2.9	ug/m3	0.188	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-D-20240827	9	Ethylbenzene	Duplicate	1.66	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-D-20240827	9	m-/p-Xylene	Duplicate	5.65	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35

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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
CGOSP-9-D-20240827	9	o-Xylene	Duplicate	2.01	ug/m3	0.273	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-D-20240827	9	Toluene	Duplicate	13.4	ug/m3	0.242	ug/m3		Y	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-B-20240827	9	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-B-20240827	9	Ethylbenzene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-B-20240827	9	m-/p-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-B-20240827	9	o-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/27/2024	12:55	9/10/2024	12:35
CGOSP-9-B-20240827	9	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	8/27/2024	12:55	9/10/2024	12:35
CGOSP-10-S-20240827	10	Benzene	Sample	2.09	ug/m3	0.188	ug/m3		Y	8/27/2024	13:00	9/10/2024	12:40
CGOSP-10-S-20240827	10	Ethylbenzene	Sample	1.19	ug/m3	0.273	ug/m3		Y	8/27/2024	13:00	9/10/2024	12:40
CGOSP-10-S-20240827	10	m-/p-Xylene	Sample	4.21	ug/m3	0.273	ug/m3		Y	8/27/2024	13:00	9/10/2024	12:40
CGOSP-10-S-20240827	10	o-Xylene	Sample	1.65	ug/m3	0.273	ug/m3		Y	8/27/2024	13:00	9/10/2024	12:40
CGOSP-10-S-20240827	10	Toluene	Sample	7.89	ug/m3	0.242	ug/m3		Y	8/27/2024	13:00	9/10/2024	12:40
CGOSP-11-S-20240827	11	Benzene	Sample	1.86	ug/m3	0.188	ug/m3		Y	8/27/2024	13:05	9/10/2024	12:45
CGOSP-11-S-20240827	11	Ethylbenzene	Sample	1.37	ug/m3	0.273	ug/m3		Y	8/27/2024	13:05	9/10/2024	12:45
CGOSP-11-S-20240827	11	m-/p-Xylene	Sample	4.93	ug/m3	0.273	ug/m3		Y	8/27/2024	13:05	9/10/2024	12:45
CGOSP-11-S-20240827	11	o-Xylene	Sample	1.99	ug/m3	0.273	ug/m3		Y	8/27/2024	13:05	9/10/2024	12:45
CGOSP-11-S-20240827	11	Toluene	Sample	7.81	ug/m3	0.242	ug/m3		Y	8/27/2024	13:05	9/10/2024	12:45
CGOSP-12-S-20240827	12	Benzene	Sample	1.59	ug/m3	0.188	ug/m3		Y	8/27/2024	13:10	9/10/2024	12:50
CGOSP-12-S-20240827	12	Ethylbenzene	Sample	1.29	ug/m3	0.273	ug/m3		Y	8/27/2024	13:10	9/10/2024	12:50
CGOSP-12-S-20240827	12	m-/p-Xylene	Sample	4.75	ug/m3	0.273	ug/m3		Y	8/27/2024	13:10	9/10/2024	12:50
CGOSP-12-S-20240827	12	o-Xylene	Sample	1.93	ug/m3	0.273	ug/m3		Y	8/27/2024	13:10	9/10/2024	12:50
CGOSP-12-S-20240827	12	Toluene	Sample	5.8	ug/m3	0.242	ug/m3		Y	8/27/2024	13:10	9/10/2024	12:50
CGOSP-13-S-20240827	13	Benzene	Sample	1.47	ug/m3	0.188	ug/m3		Y	8/27/2024	13:15	9/10/2024	12:55
CGOSP-13-S-20240827	13	Ethylbenzene	Sample	1.77	ug/m3	0.273	ug/m3		Y	8/27/2024	13:15	9/10/2024	12:55
CGOSP-13-S-20240827	13	m-/p-Xylene	Sample	5.98	ug/m3	0.273	ug/m3		Y	8/27/2024	13:15	9/10/2024	12:55
CGOSP-13-S-20240827	13	o-Xylene	Sample	2.72	ug/m3	0.273	ug/m3		Y	8/27/2024	13:15	9/10/2024	12:55
CGOSP-13-S-20240827	13	Toluene	Sample	8.9	ug/m3	0.242	ug/m3		Y	8/27/2024	13:15	9/10/2024	12:55
CGOSP-14-S-20240827	14	Benzene	Sample	1.5	ug/m3	0.188	ug/m3		Y	8/27/2024	13:20	9/10/2024	13:00
CGOSP-14-S-20240827	14	Ethylbenzene	Sample	1.15	ug/m3	0.273	ug/m3		Y	8/27/2024	13:20	9/10/2024	13:00

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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
CGOSP-14-S-20240827	14	m-/p-Xylene	Sample	3.71	ug/m3	0.273	ug/m3		Y	8/27/2024	13:20	9/10/2024	13:00
CGOSP-14-S-20240827	14	o-Xylene	Sample	1.42	ug/m3	0.273	ug/m3		Y	8/27/2024	13:20	9/10/2024	13:00
CGOSP-14-S-20240827	14	Toluene	Sample	5.72	ug/m3	0.242	ug/m3		Y	8/27/2024	13:20	9/10/2024	13:00
CGOSP-15-S-20240827	15	Benzene	Sample	1.56	ug/m3	0.188	ug/m3		Y	8/27/2024	13:25	9/10/2024	13:05
CGOSP-15-S-20240827	15	Ethylbenzene	Sample	1.55	ug/m3	0.273	ug/m3		Y	8/27/2024	13:25	9/10/2024	13:05
CGOSP-15-S-20240827	15	m-/p-Xylene	Sample	4.3	ug/m3	0.273	ug/m3		Y	8/27/2024	13:25	9/10/2024	13:05
CGOSP-15-S-20240827	15	o-Xylene	Sample	1.82	ug/m3	0.273	ug/m3		Y	8/27/2024	13:25	9/10/2024	13:05
CGOSP-15-S-20240827	15	Toluene	Sample	7.06	ug/m3	0.242	ug/m3		Y	8/27/2024	13:25	9/10/2024	13:05
CGOSP-16-S-20240827	16	Benzene	Sample	1.93	ug/m3	0.188	ug/m3		Y	8/27/2024	13:30	9/10/2024	13:10
CGOSP-16-S-20240827	16	Ethylbenzene	Sample	1.17	ug/m3	0.273	ug/m3		Y	8/27/2024	13:30	9/10/2024	13:10
CGOSP-16-S-20240827	16	m-/p-Xylene	Sample	4.11	ug/m3	0.273	ug/m3		Y	8/27/2024	13:30	9/10/2024	13:10
CGOSP-16-S-20240827	16	o-Xylene	Sample	1.63	ug/m3	0.273	ug/m3		Y	8/27/2024	13:30	9/10/2024	13:10
CGOSP-16-S-20240827	16	Toluene	Sample	7.32	ug/m3	0.242	ug/m3		Y	8/27/2024	13:30	9/10/2024	13:10
CGOSP-17-S-20240827	17	Benzene	Sample	1.95	ug/m3	0.188	ug/m3		Y	8/27/2024	13:55	9/10/2024	13:15
CGOSP-17-S-20240827	17	Ethylbenzene	Sample	0.997	ug/m3	0.273	ug/m3		Y	8/27/2024	13:55	9/10/2024	13:15
CGOSP-17-S-20240827	17	m-/p-Xylene	Sample	3.29	ug/m3	0.273	ug/m3		Y	8/27/2024	13:55	9/10/2024	13:15
CGOSP-17-S-20240827	17	o-Xylene	Sample	1.34	ug/m3	0.273	ug/m3		Y	8/27/2024	13:55	9/10/2024	13:15
CGOSP-17-S-20240827	17	Toluene	Sample	6.9	ug/m3	0.242	ug/m3		Y	8/27/2024	13:55	9/10/2024	13:15
CGOSP-18-S-20240827	18	Benzene	Sample	3.2	ug/m3	0.188	ug/m3		Y	8/27/2024	13:40	9/10/2024	13:20
CGOSP-18-S-20240827	18	Ethylbenzene	Sample	1.83	ug/m3	0.273	ug/m3		Y	8/27/2024	13:40	9/10/2024	13:20
CGOSP-18-S-20240827	18	m-/p-Xylene	Sample	6.18	ug/m3	0.273	ug/m3		Y	8/27/2024	13:40	9/10/2024	13:20
CGOSP-18-S-20240827	18	o-Xylene	Sample	2.22	ug/m3	0.273	ug/m3		Y	8/27/2024	13:40	9/10/2024	13:20
CGOSP-18-S-20240827	18	Toluene	Sample	13.7	ug/m3	0.242	ug/m3		Y	8/27/2024	13:40	9/10/2024	13:20
CGOSP-1-S-20240910	1	Benzene	Sample	1.79	ug/m3	0.188	ug/m3	0	Y	9/10/2024	11:55	9/24/2024	11:45
CGOSP-1-S-20240910	1	Ethylbenzene	Sample	6.8	ug/m3	0.273	ug/m3	P	Y	9/10/2024	11:55	9/24/2024	11:45
CGOSP-1-S-20240910	1	m-/p-Xylene	Sample	29.2	ug/m3	0.273	ug/m3	P	Y	9/10/2024	11:55	9/24/2024	11:45
CGOSP-1-S-20240910	1	o-Xylene	Sample	8.44	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	11:55	9/24/2024	11:45
CGOSP-1-S-20240910	1	Toluene	Sample	8.2	ug/m3	0.242	ug/m3	0	Y	9/10/2024	11:55	9/24/2024	11:45
CGOSP-2-S-20240910	2	Benzene	Sample	1.29	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:00	9/24/2024	11:50

CITGO 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
CGOSP-2-S-20240910	2	Ethylbenzene	Sample	3.08	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:00	9/24/2024	11:50
CGOSP-2-S-20240910	2	m-/p-Xylene	Sample	15.1	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:00	9/24/2024	11:50
CGOSP-2-S-20240910	2	o-Xylene	Sample	6.82	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:00	9/24/2024	11:50
CGOSP-2-S-20240910	2	Toluene	Sample	5.75	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:00	9/24/2024	11:50
CGOSP-3-S-20240910	3	Benzene	Sample	1.61	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-S-20240910	3	Ethylbenzene	Sample	3.05	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-S-20240910	3	m-/p-Xylene	Sample	12	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-S-20240910	3	o-Xylene	Sample	4.74	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-S-20240910	3	Toluene	Sample	6.36	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-D-20240910	3	Benzene	Duplicate	1.52	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-D-20240910	3	Ethylbenzene	Duplicate	2.72	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-D-20240910	3	m-/p-Xylene	Duplicate	12	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-D-20240910	3	o-Xylene	Duplicate	4.39	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-D-20240910	3	Toluene	Duplicate	6.21	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-B-20240910	3	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-B-20240910	3	Ethylbenzene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,P	N	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-B-20240910	3	m-/p-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,P	N	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-B-20240910	3	o-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,P	N	9/10/2024	12:05	9/24/2024	11:55
CGOSP-3-B-20240910	3	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	9/10/2024	12:05	9/24/2024	11:55
CGOSP-4-S-20240910	4	Benzene	Sample	2.65	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:10	9/24/2024	12:05
CGOSP-4-S-20240910	4	Ethylbenzene	Sample	4.07	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:10	9/24/2024	12:05
CGOSP-4-S-20240910	4	m-/p-Xylene	Sample	16.9	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:10	9/24/2024	12:05
CGOSP-4-S-20240910	4	o-Xylene	Sample	6.33	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:10	9/24/2024	12:05
CGOSP-4-S-20240910	4	Toluene	Sample	11.3	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:10	9/24/2024	12:05
CGOSP-5-S-20240910	5	Benzene	Sample	3.17	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:15	9/24/2024	12:10
CGOSP-5-S-20240910	5	Ethylbenzene	Sample	3.4	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:15	9/24/2024	12:10
CGOSP-5-S-20240910	5	m-/p-Xylene	Sample	10.3	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:15	9/24/2024	12:10
CGOSP-5-S-20240910	5	o-Xylene	Sample	3.32	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:15	9/24/2024	12:10
CGOSP-5-S-20240910	5	Toluene	Sample	11	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:15	9/24/2024	12:10

CITGO 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
CGOSP-6-S-20240910	6	Benzene	Sample	3.24	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:20	9/24/2024	12:15
CGOSP-6-S-20240910	6	Ethylbenzene	Sample	4.55	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:20	9/24/2024	12:15
CGOSP-6-S-20240910	6	m-/p-Xylene	Sample	16.3	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:20	9/24/2024	12:15
CGOSP-6-S-20240910	6	o-Xylene	Sample	5.63	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:20	9/24/2024	12:15
CGOSP-6-S-20240910	6	Toluene	Sample	11.6	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:20	9/24/2024	12:15
CGOSP-7-S-20240910	7	Benzene	Sample	3.02	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:25	9/24/2024	12:20
CGOSP-7-S-20240910	7	Ethylbenzene	Sample	3.68	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:25	9/24/2024	12:20
CGOSP-7-S-20240910	7	m-/p-Xylene	Sample	13.8	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:25	9/24/2024	12:20
CGOSP-7-S-20240910	7	o-Xylene	Sample	4.47	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:25	9/24/2024	12:20
CGOSP-7-S-20240910	7	Toluene	Sample	10.6	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:25	9/24/2024	12:20
CGOSP-8-S-20240910	8	Benzene	Sample	3.54	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:30	9/24/2024	12:25
CGOSP-8-S-20240910	8	Ethylbenzene	Sample	3.02	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:30	9/24/2024	12:25
CGOSP-8-S-20240910	8	m-/p-Xylene	Sample	11.5	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:30	9/24/2024	12:25
CGOSP-8-S-20240910	8	o-Xylene	Sample	4.21	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:30	9/24/2024	12:25
CGOSP-8-S-20240910	8	Toluene	Sample	13.1	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:30	9/24/2024	12:25
CGOSP-9-S-20240910	9	Benzene	Sample	2.44	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-S-20240910	9	Ethylbenzene	Sample	2.66	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-S-20240910	9	m-/p-Xylene	Sample	10.8	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-S-20240910	9	o-Xylene	Sample	4.74	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-S-20240910	9	Toluene	Sample	9.43	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-D-20240910	9	Benzene	Duplicate	2.53	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-D-20240910	9	Ethylbenzene	Duplicate	1.78	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-D-20240910	9	m-/p-Xylene	Duplicate	6.73	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-D-20240910	9	o-Xylene	Duplicate	2.34	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-D-20240910	9	Toluene	Duplicate	9.17	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-B-20240910	9	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-B-20240910	9	Ethylbenzene	Blank	1.57	ug/m3	0.273	ug/m3	P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-B-20240910	9	m-/p-Xylene	Blank	6.25	ug/m3	0.273	ug/m3	P	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-9-B-20240910	9	o-Xylene	Blank	3.2	ug/m3	0.273	ug/m3	P	Y	9/10/2024	12:35	9/24/2024	12:30

CITGO 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
CGOSP-9-B-20240910	9	Toluene	Blank	1.24	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:35	9/24/2024	12:30
CGOSP-10-S-20240910	10	Benzene	Sample	1.55	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:40	9/24/2024	12:35
CGOSP-10-S-20240910	10	Ethylbenzene	Sample	1.56	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:40	9/24/2024	12:35
CGOSP-10-S-20240910	10	m-/p-Xylene	Sample	6.49	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:40	9/24/2024	12:35
CGOSP-10-S-20240910	10	o-Xylene	Sample	2.84	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:40	9/24/2024	12:35
CGOSP-10-S-20240910	10	Toluene	Sample	5.68	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:40	9/24/2024	12:35
CGOSP-11-S-20240910	11	Benzene	Sample	2.97	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:45	9/24/2024	12:40
CGOSP-11-S-20240910	11	Ethylbenzene	Sample	2.79	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:45	9/24/2024	12:40
CGOSP-11-S-20240910	11	m-/p-Xylene	Sample	11.7	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:45	9/24/2024	12:40
CGOSP-11-S-20240910	11	o-Xylene	Sample	4.96	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:45	9/24/2024	12:40
CGOSP-11-S-20240910	11	Toluene	Sample	11.3	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:45	9/24/2024	12:40
CGOSP-12-S-20240910	12	Benzene	Sample	2.3	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:50	9/24/2024	12:45
CGOSP-12-S-20240910	12	Ethylbenzene	Sample	2.89	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:50	9/24/2024	12:45
CGOSP-12-S-20240910	12	m-/p-Xylene	Sample	11.1	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:50	9/24/2024	12:45
CGOSP-12-S-20240910	12	o-Xylene	Sample	4.67	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:50	9/24/2024	12:45
CGOSP-12-S-20240910	12	Toluene	Sample	9.11	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:50	9/24/2024	12:45
CGOSP-13-S-20240910	13	Benzene	Sample	2.42	ug/m3	0.188	ug/m3	0	Y	9/10/2024	12:55	9/24/2024	12:50
CGOSP-13-S-20240910	13	Ethylbenzene	Sample	4.82	ug/m3	0.273	ug/m3	P	Y	9/10/2024	12:55	9/24/2024	12:50
CGOSP-13-S-20240910	13	m-/p-Xylene	Sample	20.6	ug/m3	0.273	ug/m3	P	Y	9/10/2024	12:55	9/24/2024	12:50
CGOSP-13-S-20240910	13	o-Xylene	Sample	8.46	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	12:55	9/24/2024	12:50
CGOSP-13-S-20240910	13	Toluene	Sample	9.63	ug/m3	0.242	ug/m3	0	Y	9/10/2024	12:55	9/24/2024	12:50
CGOSP-14-S-20240910	14	Benzene	Sample	2.9	ug/m3	0.188	ug/m3	I	Y	9/10/2024	13:00	9/24/2024	12:55
CGOSP-14-S-20240910	14	Ethylbenzene	Sample	4.29	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:00	9/24/2024	12:55
CGOSP-14-S-20240910	14	m-/p-Xylene	Sample	16.6	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:00	9/24/2024	12:55
CGOSP-14-S-20240910	14	o-Xylene	Sample	6.84	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:00	9/24/2024	12:55
CGOSP-14-S-20240910	14	Toluene	Sample	7.81	ug/m3	0.242	ug/m3	0	Y	9/10/2024	13:00	9/24/2024	12:55
CGOSP-15-S-20240910	15	Benzene	Sample	2.98	ug/m3	0.188	ug/m3	0	Y	9/10/2024	13:05	9/24/2024	13:00
CGOSP-15-S-20240910	15	Ethylbenzene	Sample	3.63	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:05	9/24/2024	13:00
CGOSP-15-S-20240910	15	m-/p-Xylene	Sample	15.2	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:05	9/24/2024	13:00

CITGO 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
CGOSP-15-S-20240910	15	o-Xylene	Sample	6.3	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:05	9/24/2024	13:00
CGOSP-15-S-20240910	15	Toluene	Sample	12	ug/m3	0.242	ug/m3	0	Y	9/10/2024	13:05	9/24/2024	13:00
CGOSP-16-S-20240910	16	Benzene	Sample	3.94	ug/m3	0.188	ug/m3	0	Y	9/10/2024	13:10	9/24/2024	13:05
CGOSP-16-S-20240910	16	Ethylbenzene	Sample	3.7	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:10	9/24/2024	13:05
CGOSP-16-S-20240910	16	m-/p-Xylene	Sample	13.8	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:10	9/24/2024	13:05
CGOSP-16-S-20240910	16	o-Xylene	Sample	5.42	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:10	9/24/2024	13:05
CGOSP-16-S-20240910	16	Toluene	Sample	17.8	ug/m3	0.242	ug/m3	0	Y	9/10/2024	13:10	9/24/2024	13:05
CGOSP-17-S-20240910	17	Benzene	Sample	2.87	ug/m3	0.188	ug/m3	0	Y	9/10/2024	13:15	9/24/2024	13:10
CGOSP-17-S-20240910	17	Ethylbenzene	Sample	3.25	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:15	9/24/2024	13:10
CGOSP-17-S-20240910	17	m-/p-Xylene	Sample	11.8	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:15	9/24/2024	13:10
CGOSP-17-S-20240910	17	o-Xylene	Sample	4.48	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:15	9/24/2024	13:10
CGOSP-17-S-20240910	17	Toluene	Sample	12.9	ug/m3	0.242	ug/m3	0	Y	9/10/2024	13:15	9/24/2024	13:10
CGOSP-18-S-20240910	18	Benzene	Sample	2.99	ug/m3	0.188	ug/m3	0	Y	9/10/2024	13:20	9/24/2024	13:15
CGOSP-18-S-20240910	18	Ethylbenzene	Sample	3.19	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:20	9/24/2024	13:15
CGOSP-18-S-20240910	18	m-/p-Xylene	Sample	11.8	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:20	9/24/2024	13:15
CGOSP-18-S-20240910	18	o-Xylene	Sample	4.36	ug/m3	0.273	ug/m3	B,P	Y	9/10/2024	13:20	9/24/2024	13:15
CGOSP-18-S-20240910	18	Toluene	Sample	13.5	ug/m3	0.242	ug/m3	0	Y	9/10/2024	13:20	9/24/2024	13:15

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
I	Internal standard recovery is outside acceptable limits
B	Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
MISSING/INVALID ANALYTICAL DATA	
There are no missing or invalid analytical samples.	

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.

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING
Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
8/27/24 12:00	1.9	80	23.7	1016
8/27/24 13:00	3.3	128	23.8	1016
8/27/24 14:00	3.5	156	23.6	1015
8/27/24 15:00	4.3	170	22.7	1014
8/27/24 16:00	4.6	162	22.1	1014
8/27/24 17:00	3.8	173	21.3	1014
8/27/24 18:00	3.2	180	20.7	1013
8/27/24 19:00	2.5	189	19.1	1013
8/27/24 20:00	3.2	200	19.0	1013
8/27/24 21:00	2.7	204	19.0	1013
8/27/24 22:00	1.9	205	19.0	1012
8/27/24 23:00	1.2	167	18.9	1012
8/28/24 0:00	2.1	193	18.4	1011
8/28/24 1:00	2.3	208	18.8	1010
8/28/24 2:00	2.7	202	18.9	1009
8/28/24 3:00	2.4	207	19.0	1008
8/28/24 4:00	3.1	199	19.0	1007
8/28/24 5:00	4.3	215	19.8	1007
8/28/24 6:00	3.7	227	20.5	1007
8/28/24 7:00	2.9	221	20.7	1007
8/28/24 8:00	3.2	218	22.7	1006
8/28/24 9:00	4.1	250	25.4	1006
8/28/24 10:00	5.7	276	27.9	1007
8/28/24 11:00	5.2	293	28.5	1007
8/28/24 12:00	5.8	332	28.3	1007
8/28/24 13:00	5.6	321	27.7	1008
8/28/24 14:00	6.7	321	28.2	1008
8/28/24 15:00	6.8	337	27.6	1009
8/28/24 16:00	6.7	340	26.1	1010
8/28/24 17:00	6.1	316	23.8	1010
8/28/24 18:00	7.2	315	21.3	1012
8/28/24 19:00	5.6	347	18.8	1013
8/28/24 20:00	6.0	341	18.0	1014
8/28/24 21:00	5.2	338	17.5	1015
8/28/24 22:00	5.1	346	17.3	1016
8/28/24 23:00	3.9	342	16.4	1017
8/29/24 0:00	3.9	344	15.9	1018
8/29/24 1:00	3.8	354	14.4	1018
8/29/24 2:00	3.0	287	13.6	1019

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)**

8/29/24 3:00	2.7	318	13.0	1019
8/29/24 4:00	2.2	290	12.4	1020
8/29/24 5:00	2.8	352	12.0	1021
8/29/24 6:00	2.9	287	12.9	1021
8/29/24 7:00	3.8	192	15.0	1022
8/29/24 8:00	3.6	23	16.5	1023
8/29/24 9:00	2.7	59	18.1	1023
8/29/24 10:00	2.3	62	19.2	1023
8/29/24 11:00	3.4	92	20.2	1023
8/29/24 12:00	2.3	90	20.7	1023
8/29/24 13:00	2.4	88	21.4	1023
8/29/24 14:00	3.0	139	21.8	1022
8/29/24 15:00	3.1	169	21.5	1023
8/29/24 16:00	3.5	181	20.7	1022
8/29/24 17:00	3.1	183	19.6	1023
8/29/24 18:00	2.9	182	18.4	1023
8/29/24 19:00	1.3	146	16.8	1023
8/29/24 20:00	0.5	55	15.9	1024
8/29/24 21:00	ND	ND	14.0	1024
8/29/24 22:00	ND	ND	13.0	1024
8/29/24 23:00	ND	ND	12.8	1025
8/30/24 0:00	ND	ND	12.0	1025
8/30/24 1:00	0.9	144	11.2	1025
8/30/24 2:00	1.7	229	11.0	1025
8/30/24 3:00	0.2	23	11.0	1025
8/30/24 4:00	0.5	84	10.1	1024
8/30/24 5:00	0.9	177	9.9	1025
8/30/24 6:00	0.5	84	10.3	1025
8/30/24 7:00	ND	ND	12.8	1025
8/30/24 8:00	0.2	6	16.1	1026
8/30/24 9:00	0.6	31	17.8	1026
8/30/24 10:00	3.0	89	19.0	1026
8/30/24 11:00	3.7	83	19.8	1025
8/30/24 12:00	4.1	93	20.7	1025
8/30/24 13:00	3.9	110	21.0	1025
8/30/24 14:00	3.7	129	21.0	1024
8/30/24 15:00	4.0	156	20.5	1024
8/30/24 16:00	3.9	166	19.3	1024
8/30/24 17:00	4.4	161	18.9	1023
8/30/24 18:00	3.4	169	17.9	1023
8/30/24 19:00	1.0	83	16.9	1023
8/30/24 20:00	ND	ND	15.4	1023

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

8/30/24 21:00	ND	ND	15.5	1023
8/30/24 22:00	ND	ND	15.8	1023
8/30/24 23:00	ND	ND	14.0	1022
8/31/24 0:00	ND	ND	13.1	1022
8/31/24 1:00	ND	ND	12.9	1021
8/31/24 2:00	ND	ND	12.5	1021
8/31/24 3:00	0.5	85	12.0	1020
8/31/24 4:00	0.3	56	12.0	1020
8/31/24 5:00	0.7	105	12.0	1020
8/31/24 6:00	0.9	75	12.2	1019
8/31/24 7:00	ND	ND	14.4	1019
8/31/24 8:00	0.7	44	16.2	1019
8/31/24 9:00	2.8	183	18.4	1019
8/31/24 10:00	4.2	179	20.4	1018
8/31/24 11:00	5.5	191	21.4	1018
8/31/24 12:00	5.7	183	21.8	1017
8/31/24 13:00	5.7	176	21.4	1016
8/31/24 14:00	5.4	185	21.0	1015
8/31/24 15:00	4.9	180	21.0	1014
8/31/24 16:00	4.6	174	21.0	1014
8/31/24 17:00	3.3	184	20.2	1013
8/31/24 18:00	3.6	181	19.1	1012
8/31/24 19:00	3.0	184	19.0	1012
8/31/24 20:00	3.2	184	19.0	1012
8/31/24 21:00	3.6	183	19.0	1012
8/31/24 22:00	3.9	183	19.3	1012
8/31/24 23:00	3.1	193	19.0	1011
9/1/24 0:00	3.0	189	19.0	1010
9/1/24 1:00	2.8	189	19.0	1010
9/1/24 2:00	2.4	191	19.0	1010
9/1/24 3:00	3.0	192	19.1	1009
9/1/24 4:00	2.4	188	19.0	1009
9/1/24 5:00	2.1	184	19.1	1008
9/1/24 6:00	2.7	194	19.0	1008
9/1/24 7:00	2.1	198	19.7	1008
9/1/24 8:00	3.1	216	21.8	1008
9/1/24 9:00	3.9	235	23.1	1008
9/1/24 10:00	3.7	238	24.4	1008
9/1/24 11:00	4.6	233	26.7	1007
9/1/24 12:00	3.9	195	26.1	1006
9/1/24 13:00	5.5	172	26.2	1006
9/1/24 14:00	5.8	179	25.9	1006

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

9/1/24 15:00	5.5	181	26.4	1005
9/1/24 16:00	6.1	185	25.9	1004
9/1/24 17:00	4.8	179	24.4	1004
9/1/24 18:00	3.1	180	23.8	1004
9/1/24 19:00	2.5	182	22.4	1004
9/1/24 20:00	1.3	151	21.4	1005
9/1/24 21:00	1.0	102	20.7	1005
9/1/24 22:00	1.8	232	21.0	1006
9/1/24 23:00	2.5	329	20.4	1007
9/2/24 0:00	3.1	320	19.8	1007
9/2/24 1:00	3.3	314	19.1	1007
9/2/24 2:00	3.0	326	18.6	1007
9/2/24 3:00	2.2	339	18.1	1008
9/2/24 4:00	3.4	338	18.9	1008
9/2/24 5:00	3.2	332	18.0	1009
9/2/24 6:00	4.7	335	17.2	1010
9/2/24 7:00	4.3	335	17.4	1011
9/2/24 8:00	5.3	350	18.6	1011
9/2/24 9:00	5.6	318	19.5	1012
9/2/24 10:00	5.1	282	20.9	1012
9/2/24 11:00	4.1	292	21.9	1012
9/2/24 12:00	5.1	316	22.4	1012
9/2/24 13:00	4.5	290	23.0	1011
9/2/24 14:00	5.8	286	22.6	1011
9/2/24 15:00	6.0	284	22.3	1011
9/2/24 16:00	5.8	304	22.2	1012
9/2/24 17:00	6.5	313	21.1	1012
9/2/24 18:00	5.1	313	19.1	1013
9/2/24 19:00	4.8	325	17.4	1014
9/2/24 20:00	4.0	330	15.8	1015
9/2/24 21:00	4.7	336	14.4	1016
9/2/24 22:00	4.1	332	13.9	1017
9/2/24 23:00	2.2	258	13.0	1018
9/3/24 0:00	2.1	245	12.2	1018
9/3/24 1:00	2.2	250	11.0	1018
9/3/24 2:00	2.3	227	11.0	1019
9/3/24 3:00	0.8	124	9.0	1019
9/3/24 4:00	1.8	233	9.1	1019
9/3/24 5:00	2.7	275	8.4	1020
9/3/24 6:00	3.1	272	8.8	1021
9/3/24 7:00	2.8	282	10.7	1021
9/3/24 8:00	3.3	277	13.7	1022

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

9/3/24 9:00	3.2	296	16.9	1022
9/3/24 10:00	4.9	306	18.5	1022
9/3/24 11:00	4.7	315	19.8	1022
9/3/24 12:00	4.6	297	21.0	1022
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)**

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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

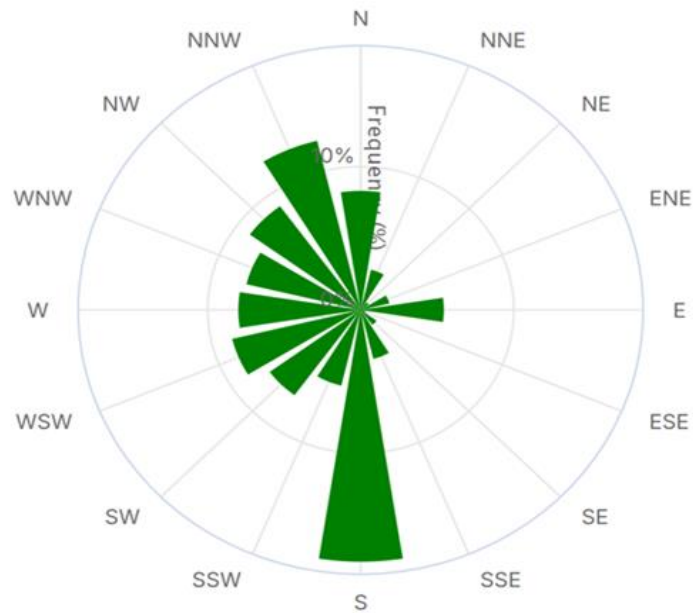
9/8/24 15:00	6.5	262	19.1	1008
9/8/24 16:00	6.0	261	18.7	1008
9/8/24 17:00	6.4	265	18.0	1008
9/8/24 18:00	4.9	254	17.3	1008
9/8/24 19:00	ND	ND	ND	ND
9/8/24 20:00	ND	ND	ND	ND
9/8/24 21:00	3.6	245	13.8	1010
9/8/24 22:00	2.6	217	12.5	1010
9/8/24 23:00	3.2	209	12.0	1010
9/9/24 0:00	3.8	218	12.0	1010
9/9/24 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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)**

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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING
Portland International Jet Airport (PWM) Meteorological Data (8/27/24 12:00 to 9/10/24 12:00)

PWM Wind Rose 8/27/24 12:00 - 9/10/24 12:00



CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING
Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

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
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

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

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
9/17/24 12:00	2.7	84	27.9	1020
9/17/24 13:00	3.4	155	27.8	1020
9/17/24 14:00	3.7	148	27.6	1019
9/17/24 15:00	3.7	165	25.1	1018
9/17/24 16:00	2.8	175	24.0	1018
9/17/24 17:00	2.8	171	22.3	1018
9/17/24 18:00	1.8	155	21.0	1018
9/17/24 19:00	2.1	195	20.1	1018
9/17/24 20:00	1.4	155	18.9	1018
9/17/24 21:00	1.5	181	18.8	1018
9/17/24 22:00	ND	ND	16.9	1018
9/17/24 23:00	ND	ND	15.9	1018
9/18/24 0:00	0.3	55	15.0	1018
9/18/24 1:00	ND	ND	14.2	1018
9/18/24 2:00	1.0	158	14.0	1018
9/18/24 3:00	0.8	151	13.8	1018
9/18/24 4:00	0.9	146	13.4	1017
9/18/24 5:00	0.2	34	13.2	1017
9/18/24 6:00	0.5	88	13.6	1018
9/18/24 7:00	0.5	84	15.2	1018
9/18/24 8:00	0.4	39	18.9	1018
9/18/24 9:00	0.8	111	22.3	1018
9/18/24 10:00	1.0	44	23.8	1018
9/18/24 11:00	2.0	90	25.6	1017
9/18/24 12:00	2.6	91	26.6	1017
9/18/24 13:00	3.1	88	26.6	1016
9/18/24 14:00	3.8	165	25.1	1016
9/18/24 15:00	3.7	181	23.3	1016
9/18/24 16:00	3.1	187	21.2	1015
9/18/24 17:00	1.3	137	20.6	1015
9/18/24 18:00	2.0	148	18.5	1015
9/18/24 19:00	1.6	169	17.1	1015
9/18/24 20:00	0.6	76	16.9	1015
9/18/24 21:00	0.2	20	16.8	1015
9/18/24 22:00	ND	ND	16.2	1014
9/18/24 23:00	0.2	16	16.0	1014
9/19/24 0:00	0.9	63	16.0	1014
9/19/24 1:00	0.3	59	16.0	1013
9/19/24 2:00	0.7	110	15.9	1013

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

9/19/24 3:00	0.2	16	15.6	1013
9/19/24 4:00	0.3	29	16.0	1012
9/19/24 5:00	0.5	71	15.7	1013
9/19/24 6:00	0.7	116	15.0	1013
9/19/24 7:00	0.6	138	15.0	1013
9/19/24 8:00	0.4	42	16.6	1013
9/19/24 9:00	2.3	54	20.5	1013
9/19/24 10:00	2.5	56	22.9	1012
9/19/24 11:00	3.8	98	24.2	1012
9/19/24 12:00	4.4	94	23.3	1012
9/19/24 13:00	4.3	95	23.2	1012
9/19/24 14:00	3.8	90	21.8	1011
9/19/24 15:00	3.7	93	22.8	1011
9/19/24 16:00	3.8	84	21.0	1011
9/19/24 17:00	3.3	89	18.8	1011
9/19/24 18:00	1.6	79	18.0	1011
9/19/24 19:00	1.2	81	18.0	1011
9/19/24 20:00	0.5	35	18.0	1011
9/19/24 21:00	0.8	52	17.6	1011
9/19/24 22:00	1.0	11	17.7	1011
9/19/24 23:00	0.4	38	17.4	1011
9/20/24 0:00	2.4	49	18.1	1011
9/20/24 1:00	5.1	80	17.7	1012
9/20/24 2:00	5.8	79	16.9	1012
9/20/24 3:00	4.3	61	17.1	1013
9/20/24 4:00	2.7	43	17.0	1012
9/20/24 5:00	3.2	50	17.0	1013
9/20/24 6:00	3.0	23	17.0	1013
9/20/24 7:00	3.4	24	17.0	1014
9/20/24 8:00	4.1	30	17.0	1014
9/20/24 9:00	4.5	31	16.9	1014
9/20/24 10:00	5.1	32	16.7	1015
9/20/24 11:00	5.2	31	17.0	1015
9/20/24 12:00	4.7	26	17.9	1015
9/20/24 13:00	4.8	27	18.6	1015
9/20/24 14:00	4.7	41	19.0	1014
9/20/24 15:00	3.9	43	19.1	1014
9/20/24 16:00	3.8	55	19.0	1014
9/20/24 17:00	3.9	94	18.2	1015
9/20/24 18:00	2.0	80	16.6	1015
9/20/24 19:00	1.9	36	17.0	1015
9/20/24 20:00	3.4	36	16.9	1016

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

9/20/24 21:00	2.4	18	16.0	1016
9/20/24 22:00	2.4	20	15.0	1016
9/20/24 23:00	2.4	160	14.5	1016
9/21/24 0:00	3.3	30	14.0	1015
9/21/24 1:00	2.9	18	14.0	1015
9/21/24 2:00	3.5	25	14.0	1015
9/21/24 3:00	2.9	24	14.0	1015
9/21/24 4:00	3.0	18	14.0	1015
9/21/24 5:00	4.6	220	14.0	1015
9/21/24 6:00	4.0	185	14.0	1015
9/21/24 7:00	3.8	55	14.0	1016
9/21/24 8:00	4.1	14	14.0	1016
9/21/24 9:00	4.6	52	14.4	1016
9/21/24 10:00	4.3	87	15.7	1016
9/21/24 11:00	4.1	44	16.6	1016
9/21/24 12:00	4.2	53	17.0	1016
9/21/24 13:00	3.7	53	17.1	1015
9/21/24 14:00	3.5	60	17.0	1015
9/21/24 15:00	3.0	76	16.9	1015
9/21/24 16:00	2.8	100	16.0	1015
9/21/24 17:00	2.5	97	15.6	1015
9/21/24 18:00	2.3	91	14.1	1015
9/21/24 19:00	1.9	78	14.0	1015
9/21/24 20:00	1.8	64	14.0	1015
9/21/24 21:00	0.8	175	14.0	1015
9/21/24 22:00	1.7	346	13.2	1015
9/21/24 23:00	0.6	138	12.6	1015
9/22/24 0:00	1.4	241	12.0	1015
9/22/24 1:00	2.6	341	11.9	1015
9/22/24 2:00	2.3	313	11.4	1014
9/22/24 3:00	1.9	11	12.0	1014
9/22/24 4:00	2.4	23	12.0	1014
9/22/24 5:00	2.8	22	12.0	1015
9/22/24 6:00	2.8	16	12.1	1015
9/22/24 7:00	2.9	18	13.0	1016
9/22/24 8:00	2.8	21	13.6	1016
9/22/24 9:00	3.2	30	14.2	1017
9/22/24 10:00	3.4	26	15.7	1017
9/22/24 11:00	4.3	44	17.2	1017
9/22/24 12:00	5.2	79	17.3	1017
9/22/24 13:00	5.6	93	18.3	1017
9/22/24 14:00	5.9	96	17.0	1017

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)

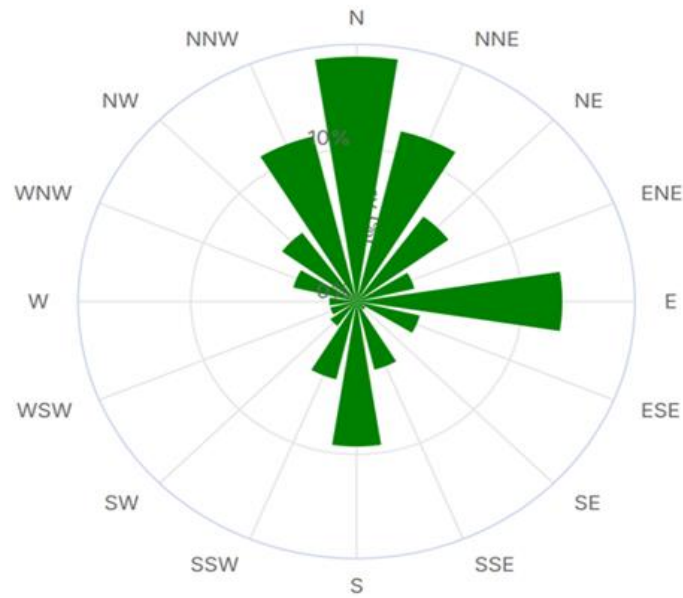
9/22/24 15:00	6.1	92	17.4	1017
9/22/24 16:00	6.7	90	17.4	1017
9/22/24 17:00	5.7	91	16.1	1017
9/22/24 18:00	3.1	89	14.0	1017
9/22/24 19:00	1.7	51	13.3	1017
9/22/24 20:00	0.7	11	13.0	1017
9/22/24 21:00	1.0	56	13.2	1017
9/22/24 22:00	2.6	331	12.6	1017
9/22/24 23:00	1.6	335	12.4	1017
9/23/24 0:00	1.1	214	12.4	1017
9/23/24 1:00	1.7	191	12.5	1017
9/23/24 2:00	0.9	207	12.0	1017
9/23/24 3:00	1.7	204	11.4	1017
9/23/24 4:00	2.1	56	10.2	1017
9/23/24 5:00	2.2	102	9.4	1017
9/23/24 6:00	1.7	197	9.0	1017
9/23/24 7:00	1.3	250	10.9	1017
9/23/24 8:00	2.0	39	13.8	1018
9/23/24 9:00	2.4	68	15.3	1018
9/23/24 10:00	2.6	64	16.7	1018
9/23/24 11:00	3.3	88	17.0	1018
9/23/24 12:00	4.4	105	17.4	1018
9/23/24 13:00	4.4	90	17.1	1018
9/23/24 14:00	4.8	94	16.2	1018
9/23/24 15:00	5.0	97	15.4	1018
9/23/24 16:00	4.5	104	14.5	1018
9/23/24 17:00	3.8	113	14.0	1018
9/23/24 18:00	2.5	119	13.5	1018
9/23/24 19:00	0.8	61	13.0	1018
9/23/24 20:00	ND	ND	12.6	1018
9/23/24 21:00	0.8	179	12.2	1018
9/23/24 22:00	2.0	341	12.0	1018
9/23/24 23:00	2.9	350	11.2	1018
9/24/24 0:00	1.5	276	11.0	1019
9/24/24 1:00	0.5	104	10.9	1019
9/24/24 2:00	1.2	247	9.5	1019
9/24/24 3:00	ND	ND	9.2	1019
9/24/24 4:00	0.2	33	8.9	1019
9/24/24 5:00	0.7	140	8.2	1019
9/24/24 6:00	0.8	166	8.1	1020
9/24/24 7:00	1.8	304	10.0	1020
9/24/24 8:00	2.4	128	13.0	1021

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING**Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)**

9/24/24 9:00	2.5	51	15.5	1021
9/24/24 10:00	3.2	45	16.7	1021
9/24/24 11:00	3.9	88	17.1	1021
9/24/24 12:00	5.0	98	17.1	1021

CITGO SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING
Portland International Jet Airport (PWM) Meteorological Data (9/10/24 12:00 to 9/24/24 12:00)

PWM Wind Rose 9/10/24 12:00 - 9/24/24 12:00



CITGO SOUTH PORTLAND MAINE SITE COORDINATES

Terminal Fenceline Perimeter Length = 1,309 m

Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 23.6 Acres

Spacing Between Monitors: 109.1 m ($\pm$ 10.9 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 1	BTEX	43.637871°	-70.267646°	to Site 18: 105.1 to Site 2: 103.5	Site 1 is located on the northwestern fenceline of the terminal. Railroad tracks and a metals scrapyard border this terminal fenceline near Site 1. The licensed emission unit loading racks are located 80 m to the south and SW of Site 1. Private residences occupy the areas to the NW, west and SW of Site 1.
Site 2	BTEX	43.638643°	-70.266930°	to Site 1: 103.5 to Site 3: 99.1	Site 2 is on the fenceline near the northernmost section of the terminal. Site 2 is within 20 m of the terminal dock area and is approximately 10 m from the Fore River shoreline. A metals scrapyard borders this terminal fenceline near Site 2.
Site 3	BTEX	43.638226°	-70.265928°	to Site 2: 99.1 to Site 4: 118.6	Site 3 is located on the fenceline at the northeastern terminal boundary that borders the Fore River. Site 3 is approximately 5m from the Fore River shoreline. The Vapor Combustion Unit (equipped with a 48-ft. high stack) is located approximately 26 m to the SW of Site 3. This licensed emissions unit is <50 m from fenceline.
Site 4	BTEX	43.637291°	-70.266556°	to Site 3: 118.6 to Site 5: 118.5	Site 4 is located on the fenceline at the eastern terminal boundary that borders the Fore River. Site 4 is approximately 5 m from the Fore River shoreline.
Site 5	BTEX	43.636766°	-70.265537°	to Site 4: 59.2 to Site 6: 59.3	Site 5 is located on the southeastern fenceline bordering the Fore River and is located halfway between Sites 4 & 6. Site 5 is an additional monitor & is required because licensed emission unit Tank 1 is located between Sites 4 and 6 and is <50 m from the fenceline.

CITGO SOUTH PORTLAND MAINE SITE COORDINATES

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Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 6	BTEX	43.636251°	-70.265520°	to Site 5: 118.5 to Site 7: 115.2	Site 6 is located on the fenceline at the eastern terminal boundary that borders the Fore River. Site 6 is approximately 5m from the Fore River shoreline. Licensed emission unit Tank 1 is located approximately 56 m to the NW of Site 11. Licensed emission unit Tank 2 is located approximately 47 m to the SW of Site 6. Tanks 1 and 2 are both <50 m from the fenceline.
Site 7	BTEX	43.635725°	-70.265512°	to Site 6: 57.6 to Site 8: 57.6	Site 7 is located on the southeastern fenceline bordering the Fore River and is located halfway between Sites 6 & 8. Site 7 is an additional monitor and is required because licensed emission unit Tank 2 is located between Sites 5 and 6 and is <50 m from the fenceline.
Site 8	BTEX	43.635202°	-70.265497°	to Site 7: 115.2 to Site 9: 116.0	Site 8 is located on the fenceline at the eastern terminal boundary that borders the Fore River. Site 8 is approximately 5m from the Fore River shoreline. Licensed emission units Tanks 3 and 4 are located approximately 30m and 80m, respectively, to the SW of Site 8. Tanks 3 and 4 are both <50 m from the fenceline.
Site 9	BTEX	43.634826°	-70.265819°	to Site 8: 58.0 to Site 10: 58.0	Site 9 is located on the southeastern fenceline bordering the Fore River and is located halfway between Sites 8 & 10. Site 9 is an additional monitor & is required because licensed emission unit Tank 3 is located between Sites 8 and 10 and is <50 m from the fenceline.
Site 10	BTEX	43.634504°	-70.266083°	to Site 9: 116.0 to Site 11: 113.0	Site 10 is located on the fenceline at the southeastern terminal boundary that borders Pearl St. Site 10 is approximately 32m from the shoreline of the Fore River. Licensed emission units Tanks 3 and 4 are located in this area and are <50 m from fenceline.

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Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 11	BTEX	43.634390°	-70.266759°	to Site 10: 56.5 to Site 12: 56.5	Site 11 is located on the fenceline halfway between Sites 10 & 12. Site 11 is an additional monitor and is required because licensed emission unit Tank 4 is located between Sites 10 and 12 and Tank 4 is <50 m from the fenceline.
Site 12	BTEX	43.634436°	-70.267407°	to Site 11: 113.0 to Site 13: 101.9	Site 12 is on the fenceline at the southeastern terminal boundary that borders the South Portland Greenbelt Pathway. Private residences occupy the areas to the South, SW, West and NW of Site 12.
Site13	BTEX	43.634784°	-70.267791°	to Site 12: 51.0 to Site 14: 51.0	Site 13 is located on the fenceline halfway between Sites 12 & 14. Site 13 is an additional monitor and is required because licensed emission unit Tank 5 is located between Sites 12 and 14 and Tank 5 is <50 m from the fenceline.
Site14	BTEX	43.635151°	-70.268058°	to Site 13: 101.9 to Site 15: 100.1	Site 14 is on the fenceline at the southwestern terminal boundary near the terminus of Forest Ave. Licensed emission unit Tank 6 is located approximately 43 m E-NE of Site 14. Private residences occupy the areas to the SE, South, SW, West and NW of Site 14.

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Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 15	BTEX	43.635574°	-70.268754°	to Site 14: 100.1 to Site 16: 119.9	Site 15 is on the fenceline at the southwestern terminal boundary near the terminus of Atlantic Ave. Licensed emission unit Tank 7 is located approximately 52 m E-NE of Site 15. Private residences occupy the areas to the SE, south, SW, west and NW of Site 15.
Site 16	BTEX	43.636415°	-70.268879°	to Site 15: 119.9 to Site 17: 98.5	Site 16 is located on the northwestern fenceline of the terminal. Railroad tracks and Elm St. border this terminal fenceline near Site 16. Licensed emission unit Tank 9 is located 22 m to the east of Site 16. Tank 9 is <50 m from the fenceline. Private residences occupy the areas to the south, west and north of Site 16.
Site 17	BTEX	43.636786°	-70.268548°	to Site 16: 49.2 to Site 18: 49.3	Site 17 is located on the fenceline halfway between Sites 16 & 18. Site 17 is an additional monitor and is required because licensed emission units Tanks 9 and 10 are located between Sites 16 and 18 and Tanks 9 and 10 are <50 m from the fenceline.
Site 18	BTEX	43.637133°	-70.268182°	to Site 17: 98.5 to Site 1: 105.1	Site 18 is located on the northwestern fenceline of the terminal. Railroad tracks and Elm St. border this terminal fenceline near Site 18. Licensed emission unit Tank 10 is located 24 m to the south of Site 18. Tank 10 is <50 m from the fenceline. Private residences occupy the areas to the north, west and SW of Site 18.

Aerial View of the CITGO South Portland Terminal Fenceline Sampling Locations



APPENDIX A: Complete Lab Results

CITGO – South Portland Terminal

102 Mechanic St.
South Portland, ME 04106

Sampling Event 9
PROJ-031602

**Analytical Report
(2024FP306)**

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)

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QA REVIEW PERFORMED BY

Brianna Berry
QA Associate I

Report Issued: 09/24/2024



Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2024FP306-1 EPA Method 325B Analysis
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	1.90		1.73		6.50		2.68		11.9	
CGOSP-2-S-20240827	B46339	1.28		1.21		4.36		2.13		5.66	
CGOSP-3-S-20240827	C40588	1.70		1.45		5.53		2.29		13.5	
CGOSP-3-D-20240827	C38930	1.66		1.48		5.63		2.43		17.5	
CGOSP-3-B-20240827	C00566		ND		ND		ND		ND		ND
CGOSP-4-S-20240827	B29322	2.40		1.98		6.43		2.56		9.07	
CGOSP-5-S-20240827	C32711	2.96		2.42		6.64		2.52		11.9	
CGOSP-6-S-20240827	B46873	2.88		2.40		7.09		2.82		10.9	
CGOSP-7-S-20240827	C01661	3.34		2.27		7.25		2.72		14.1	
CGOSP-8-S-20240827	C20468	3.64		2.25		7.64		2.75		18.4	
CGOSP-9-S-20240827	C20511	2.63		1.72		6.14		2.57		10.5	
CGOSP-9-D-20240827	B37568	2.90		1.66		5.65		2.01		13.4	
CGOSP-9-B-20240827	B38435		ND		ND		ND		ND		ND
CGOSP-10-S-20240827	C01301	2.09		1.19		4.21		1.65		7.89	
CGOSP-11-S-20240827	C32840	1.86		1.37		4.93		1.99		7.81	
CGOSP-12-S-20240827	C24115	1.59		1.29		4.75		1.93		5.80	
CGOSP-13-S-20240827	B20669	1.47		1.77		5.98		2.72		8.90	
CGOSP-14-S-20240827	C24240	1.50		1.15		3.71		1.42		5.72	
CGOSP-15-S-20240827	C37497	1.56		1.55		4.30		1.82		7.06	
CGOSP-16-S-20240827	C40681	1.93		1.17		4.11		1.63		7.32	
CGOSP-17-S-20240827	B10449	1.95		0.997		3.29		1.34		6.90	
CGOSP-18-S-20240827	C40680	3.20		1.83		6.18		2.22		13.7	

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

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	1.90	0.594	25.3	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-2-S-20240827	B46339	1.28	0.402	17.1	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-S-20240827	C40588	1.70	0.531	22.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-D-20240827	C38930	1.66	0.521	22.2	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-B-20240827	C00566				63.9	0.662	20,140	0.188	0.389	0.0588	0.122	ND
CGOSP-4-S-20240827	B29322	2.40	0.751	31.9	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-5-S-20240827	C32711	2.96	0.928	39.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-6-S-20240827	B46873	2.88	0.902	38.4	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-7-S-20240827	C01661	3.34	1.04	44.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-8-S-20240827	C20468	3.64	1.14	48.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-S-20240827	C20511	2.63	0.822	35.0	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-D-20240827	B37568	2.90	0.908	38.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-B-20240827	B38435				63.9	0.662	20,140	0.188	0.389	0.0588	0.122	ND
CGOSP-10-S-20240827	C01301	2.09	0.654	27.8	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-11-S-20240827	C32840	1.86	0.584	24.8	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-12-S-20240827	C24115	1.59	0.499	21.2	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-13-S-20240827	B20669	1.47	0.460	19.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-14-S-20240827	C24240	1.50	0.470	20.0	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-15-S-20240827	C37497	1.56	0.487	20.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-16-S-20240827	C40681	1.93	0.603	25.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-17-S-20240827	B10449	1.95	0.611	26.0	63.8	0.662	20,120	0.188	0.390	0.0588	0.122	
CGOSP-18-S-20240827	C40680	3.20	1.00	42.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	1.73	0.399	15.9	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-2-S-20240827	B46339	1.21	0.279	11.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-S-20240827	C40588	1.45	0.335	13.3	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-D-20240827	C38930	1.48	0.341	13.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.583	0.0630	0.134	ND
CGOSP-4-S-20240827	B29322	1.98	0.455	18.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-5-S-20240827	C32711	2.42	0.558	22.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-6-S-20240827	B46873	2.40	0.553	22.0	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-7-S-20240827	C01661	2.27	0.523	20.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-8-S-20240827	C20468	2.25	0.519	20.6	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-S-20240827	C20511	1.72	0.397	15.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-D-20240827	B37568	1.66	0.383	15.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.583	0.0630	0.134	ND
CGOSP-10-S-20240827	C01301	1.19	0.275	10.9	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-11-S-20240827	C32840	1.37	0.315	12.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-12-S-20240827	C24115	1.29	0.297	11.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-13-S-20240827	B20669	1.77	0.408	16.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-14-S-20240827	C24240	1.15	0.264	10.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-15-S-20240827	C37497	1.55	0.356	14.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-16-S-20240827	C40681	1.17	0.269	10.7	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-17-S-20240827	B10449	0.997	0.230	9.12	63.8	0.454	20,120	0.273	0.583	0.0630	0.134	
CGOSP-18-S-20240827	C40680	1.83	0.423	16.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	6.50	1.50	59.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-2-S-20240827	B46339	4.36	1.00	39.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-S-20240827	C40588	5.53	1.27	50.6	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-D-20240827	C38930	5.63	1.30	51.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.587	0.0630	0.135	ND
CGOSP-4-S-20240827	B29322	6.43	1.48	58.8	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-5-S-20240827	C32711	6.64	1.53	60.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-6-S-20240827	B46873	7.09	1.63	64.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-7-S-20240827	C01661	7.25	1.67	66.3	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-8-S-20240827	C20468	7.64	1.76	69.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-S-20240827	C20511	6.14	1.41	56.1	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-D-20240827	B37568	5.65	1.30	51.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.587	0.0630	0.135	ND
CGOSP-10-S-20240827	C01301	4.21	0.970	38.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-11-S-20240827	C32840	4.93	1.14	45.1	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-12-S-20240827	C24115	4.75	1.09	43.4	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-13-S-20240827	B20669	5.98	1.38	54.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-14-S-20240827	C24240	3.71	0.856	34.0	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-15-S-20240827	C37497	4.30	0.991	39.3	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-16-S-20240827	C40681	4.11	0.947	37.6	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-17-S-20240827	B10449	3.29	0.758	30.1	63.8	0.454	20,120	0.273	0.587	0.0630	0.135	
CGOSP-18-S-20240827	C40680	6.18	1.42	56.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	2.68	0.618	24.6	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-2-S-20240827	B46339	2.13	0.490	19.5	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-S-20240827	C40588	2.29	0.527	20.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-D-20240827	C38930	2.43	0.559	22.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.590	0.0630	0.136	ND
CGOSP-4-S-20240827	B29322	2.56	0.590	23.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-5-S-20240827	C32711	2.52	0.581	23.1	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-6-S-20240827	B46873	2.82	0.651	25.8	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-7-S-20240827	C01661	2.72	0.626	24.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-8-S-20240827	C20468	2.75	0.634	25.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-S-20240827	C20511	2.57	0.592	23.5	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-D-20240827	B37568	2.01	0.463	18.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.590	0.0630	0.136	ND
CGOSP-10-S-20240827	C01301	1.65	0.380	15.1	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-11-S-20240827	C32840	1.99	0.458	18.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-12-S-20240827	C24115	1.93	0.445	17.7	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-13-S-20240827	B20669	2.72	0.626	24.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-14-S-20240827	C24240	1.42	0.328	13.0	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-15-S-20240827	C37497	1.82	0.419	16.6	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-16-S-20240827	C40681	1.63	0.377	15.0	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-17-S-20240827	B10449	1.34	0.308	12.2	63.8	0.454	20,120	0.273	0.590	0.0630	0.136	
CGOSP-18-S-20240827	C40680	2.22	0.513	20.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

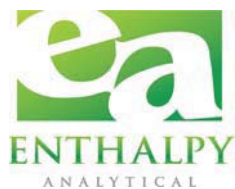
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	11.9	3.16	123	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-2-S-20240827	B46339	5.66	1.50	58.6	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-S-20240827	C40588	13.5	3.58	139	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-D-20240827	C38930	17.5	4.63	181	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-B-20240827	C00566				63.9	0.514	20,140	0.242	0.521	0.0642	0.138	ND
CGOSP-4-S-20240827	B29322	9.07	2.41	93.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-5-S-20240827	C32711	11.9	3.16	123	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-6-S-20240827	B46873	10.9	2.90	113	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-7-S-20240827	C01661	14.1	3.75	146	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-8-S-20240827	C20468	18.4	4.89	190	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-S-20240827	C20511	10.5	2.78	108	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-D-20240827	B37568	13.4	3.56	139	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-B-20240827	B38435				63.9	0.514	20,140	0.242	0.521	0.0642	0.138	ND
CGOSP-10-S-20240827	C01301	7.89	2.10	81.6	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-11-S-20240827	C32840	7.81	2.07	80.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-12-S-20240827	C24115	5.80	1.54	60.0	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-13-S-20240827	B20669	8.90	2.36	92.0	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-14-S-20240827	C24240	5.72	1.52	59.2	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-15-S-20240827	C37497	7.06	1.88	73.1	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-16-S-20240827	C40681	7.32	1.94	75.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-17-S-20240827	B10449	6.90	1.83	71.3	63.8	0.514	20,120	0.242	0.522	0.0642	0.138	
CGOSP-18-S-20240827	C40680	13.7	3.65	142	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	

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

QC



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2024FP306-1 EPA Method 325B Analysis
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	CGOSP-3-B-20240827	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	CGOSP-9-B-20240827	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	CGOSP-3-D-20240827	1.9%	Pass	1.9%	Pass	1.9%	Pass	5.9%	Pass	26%	Pass
	CGOSP-9-D-20240827	9.9%	Pass	3.6%	Pass	8.2%	Pass	25%	Pass	25%	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	CITGO – South Portland Terminal
Project	PROJ-031602
Report #	2024FP306

Custody	Enthalpy Analytical, LLC received the sample tubes on 09/13/24. The samples were received in good condition at a temperature of 21.4 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, 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-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. Toluene was detected in the method blank (tube ID B18733). The source of the contamination is not known but could be the result of artifacts on the tube, media/sample handling, analytical bias, or a combination thereof. Toluene met method criteria in the field blank analyzed immediately after this method blank, confirming that the analytical system is clean, and free from contamination. The lab believes that the sample data is not affected by the detection in the method blank.
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.



Enthalpy Analytical Narrative Summary (continued)

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



2024FP306



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

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: <u>C490 So Portland</u>			Client Name: <u>Montrose Air</u>			PO#:		
Site Address: <u>107 Mechanic Street</u>			Project Number: <u>PROJ - 031602</u>			Sample Event #		
City: <u>So Portland</u>			Project Manager: <u>Haig Brown</u>			Sorbent:		
State: <u>Maine</u>			Email Address: <u>haig.brown@enthalpy.com</u>					
Zip: <u>04106</u>			Telephone #: <u>207-441-0025</u>					

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	C38941	S	8/27/24	12:15	9/10/24	11:55	HFB/HV		
2	B46339	S	8/27/24	12:20	9/10/24	12:00	HFB/HV		
3	C40588	S	8/27/24	12:25	9/10/24	12:05	HFB/HV		
3	C38930	D	8/27/24	12:25	9/10/24	12:05	HFB/HV		
3	C00566	B	8/27/24	12:25	9/10/24	12:05	HFB/HV		
4	B29322	S	8/27/24	12:30	9/10/24	12:10	HFB/HV		
5	C32711	S	8/27/24	12:35	9/10/24	12:15	HFB/HV		
6	B46873	S	8/27/24	12:40	9/10/24	12:20	HFB/HV		

Relinquished By (printed): <u>Haig Brown</u>		Relinquished By (signature): <u>[Signature]</u>		Relinquished Date: <u>9/10/2024</u>		Relinquished Time: <u>16:30</u>	
Received By (printed): <u>Regan Allen</u>		Received By (signature): <u>[Signature]</u>		Receipt Date: <u>9/13/2024</u>		Receipt Time: <u>10:00</u>	
Sample Condition Upon Receipt: <u>Good</u>		Compound List:		Custody Seal intact? Y/N: <u>Yes</u>		Delivery tracking #	
Ice Temp:	Blank Temp: <u>21.4</u>	Floc 7A		Add Custody Seal # below: <u>24A00680</u>			
Comments:							

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



EPA Method 325 A/B

Field Test Data Sheet and Chain of Custody Record

Page # 2 of 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: Citgo So Portland	Client Name: Montrose AN	PO#:
Site Address: 107 Mechanic Street	Project Number: PROJ-031602	Sample Event #
City: So Portland	Project Manager: Hairy Brown	Sorbent:
State: Maine	Email Address: hairybrown@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)
7	C01661	S	8/27/24	12:45	9/10/24	12:25	HFB/HFB		
8	C20468	S	8/27/24	12:50	9/10/24	12:30	HFB/HFB		
9	C20511	S	8/27/24	12:55	9/10/24	12:35	HFB/HFB		
9	B37568	D	8/27/24	12:55	9/10/24	12:35	HFB/HFB		
9	B38435	B	8/27/24	12:55	9/10/24	12:35	HFB/HFB		
10	C01301	S	8/27/24	1:00	9/10/24	12:40	HFB/HFB		
11	C32840	S	8/27/24	1:05	9/10/24	12:45	HFB/HFB		
12	C24115	S	8/27/24	1:10	9/10/24	12:50	HFB/HFB		

Relinquished By (printed): Hairy Brown	Relinquished By (signature):	Relinquished Date: 9/10/2024	Relinquished Time: 16:30
Received By (printed): Regan Allen	Received By (signature):	Receipt Date: 9/13/2024	Receipt Time: 10:00

Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Yes	Delivery tracking #
Ice Temp: Blank Temp: 21.4 Fluice 7A		Add Custody Seal # below: 24A000680	
Comments:			



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

Page # 3 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: City of Portland	Client Name: Montrose Air	PO#:
Site Address: 107 Mechanic Street	Project Number: PROJ-031602	Sample Event #
City: So Portland	Project Manager: Haly Brown	Sorbent:
State: Maine	Email Address: hbrown@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	B20669	S	8/27/24	1:15	9/10/24	12:55	HFB 1/HB3		
14	C24240	S	8/27/24	1:20	9/10/24	13:00	HFB 1/HFB3		
15	C37497	S	8/27/24	1:25	9/10/24	13:05	HFB 1/HB3		
16	C40681	S	8/27/24	1:30	9/10/24	13:10	HFB 1/HFB3		
17	B10449	S	8/27/24	1:35	9/10/24	13:15	HFB 1/HFB3		
18	C40680	S	8/27/24	1:40	9/10/24	13:20	HFB 1/HFB3		
							HFB 1/HFB3		
							HFB 1/HFB3		

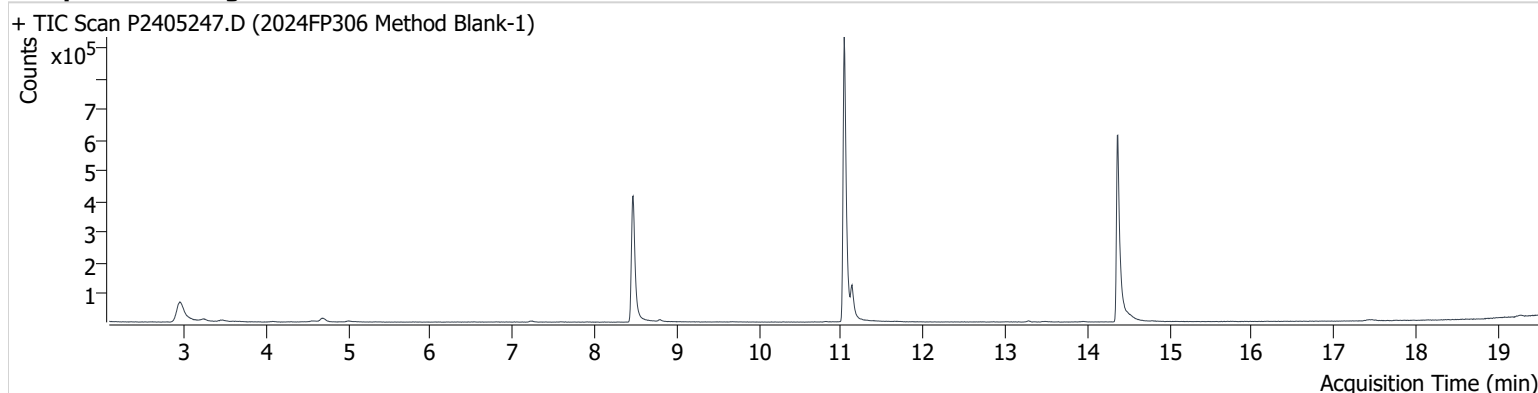
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Sample Condition Upon Receipt: Good		Compound List:		Custody Seal intact? Y/N: Yes		Delivery tracking #	
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Comments:							

Sample Chromatograms



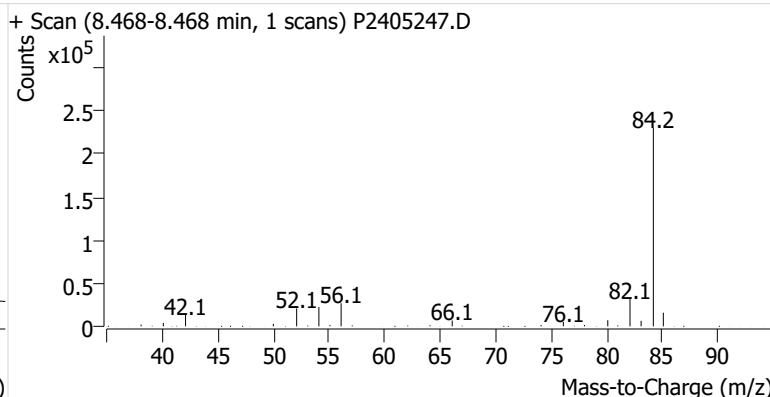
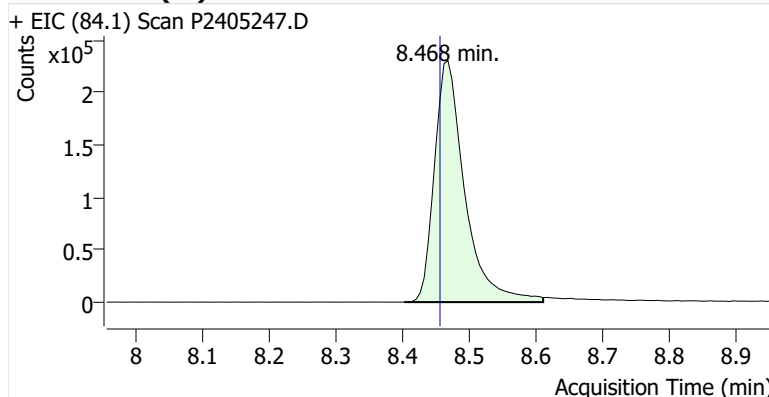
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Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

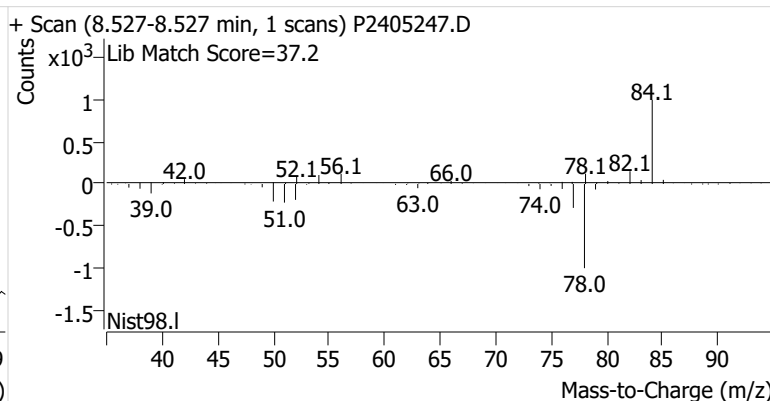
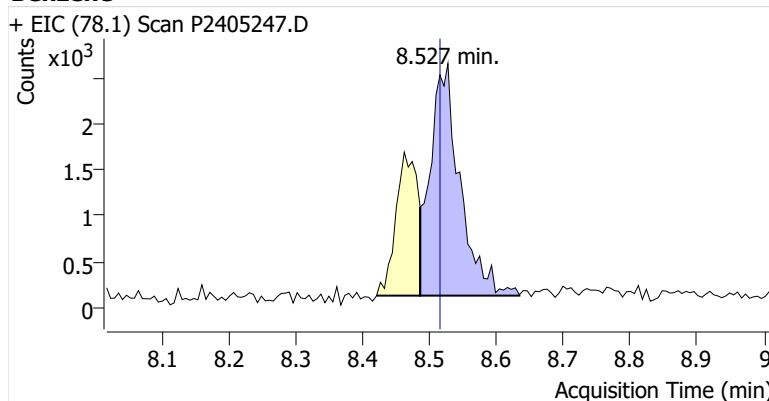


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.468	8.456	727,355	
Benzene	benzene-d6 (IS)	8.527	8.515	7,831	
Toluene-d8 (IS)		11.038	11.032	1,022,242	
Toluene	Toluene-d8 (IS)	11.133	11.121	115,661	
Ethylbenzene	Toluene-d8 (IS)	13.281	13.252	4,339	
m-/p-Xylene	Toluene-d8 (IS)	13.483	13.459	3,397	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	2,278	

benzene-d6 (IS)

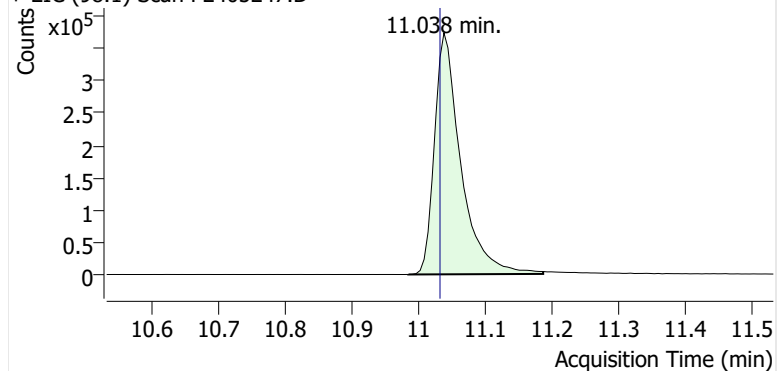


Benzene

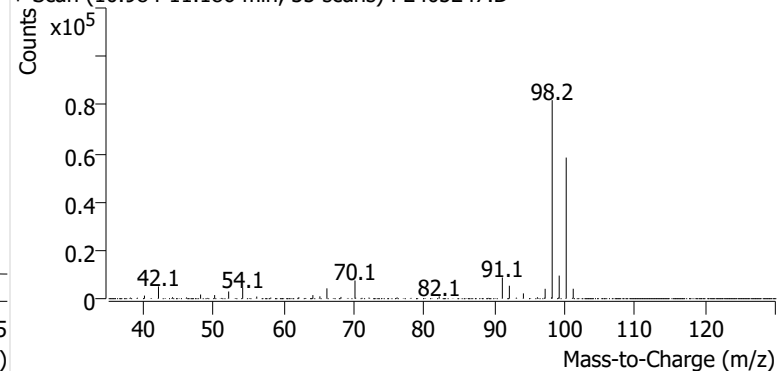


Toluene-d8 (IS)

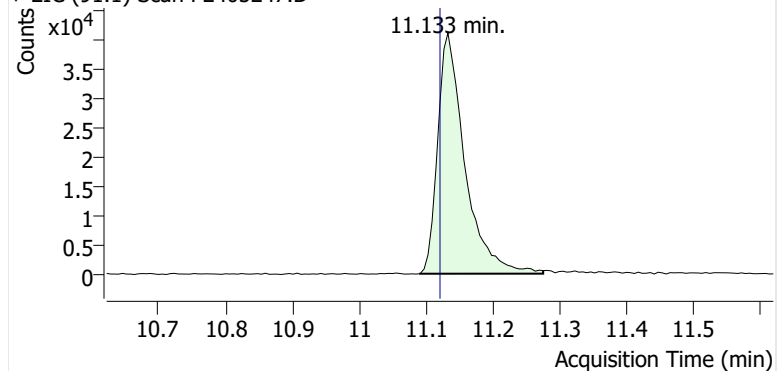
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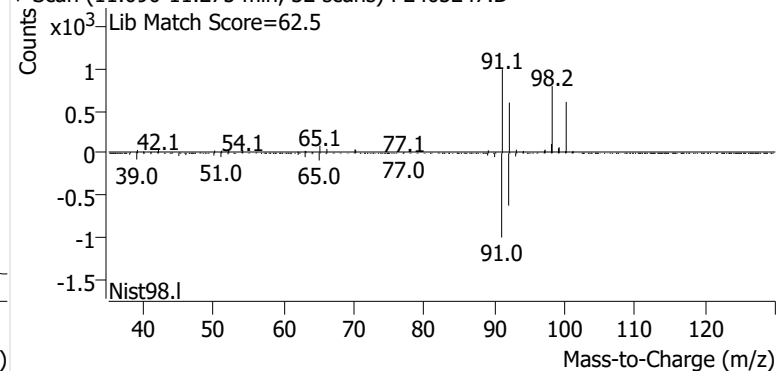
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**Toluene**

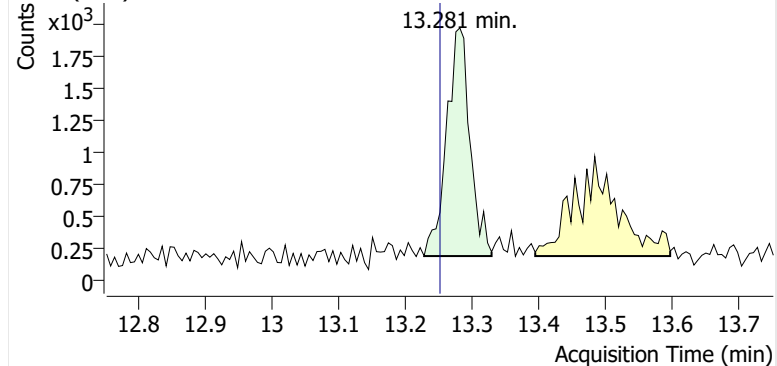
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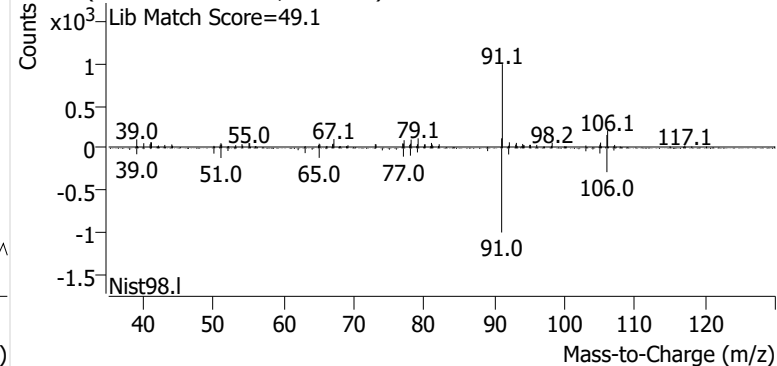
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**Ethylbenzene**

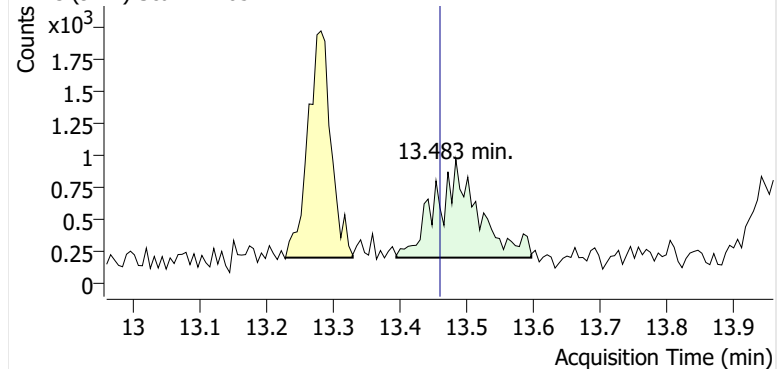
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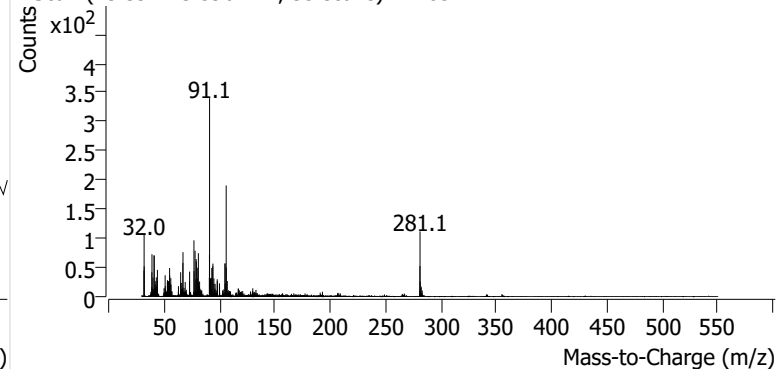
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**m-/p-Xylene**

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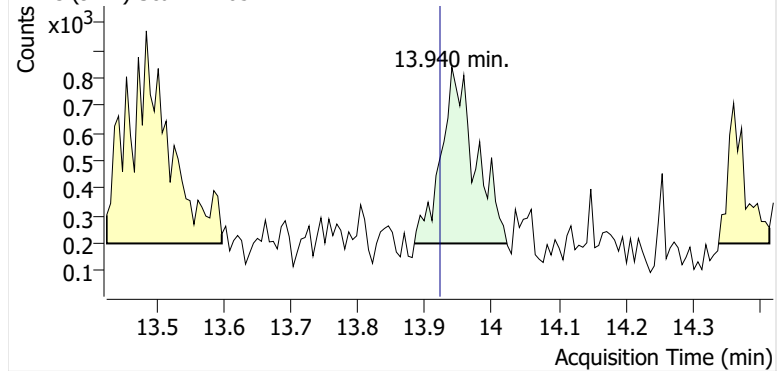


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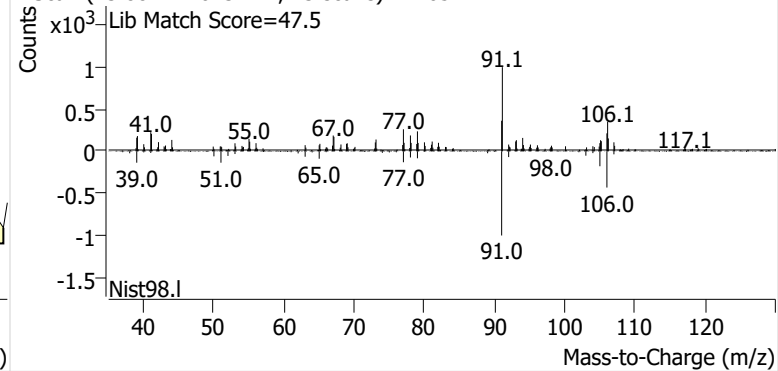


o-Xylene

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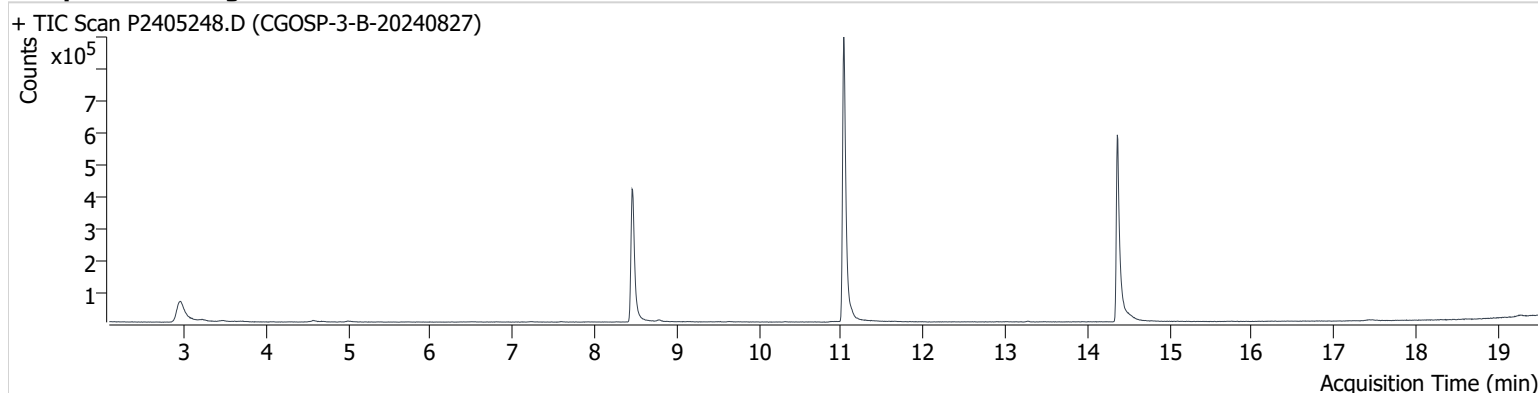


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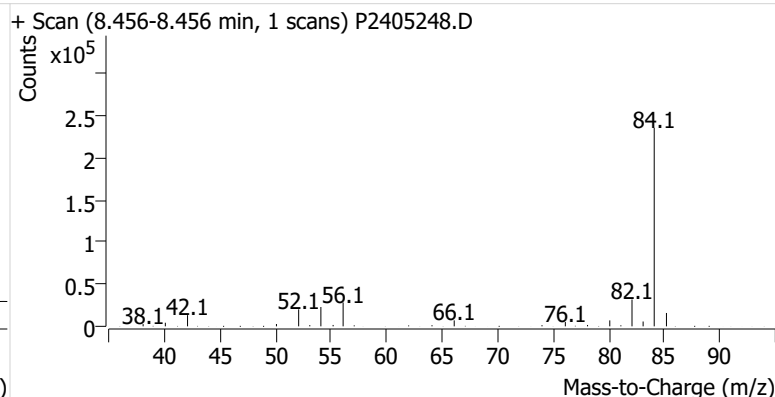
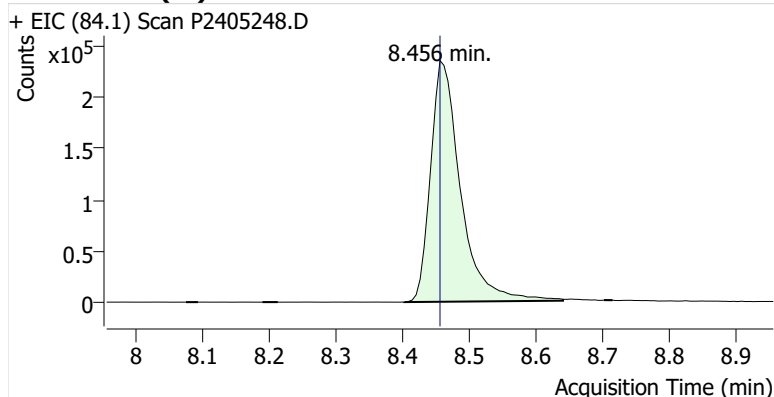
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Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

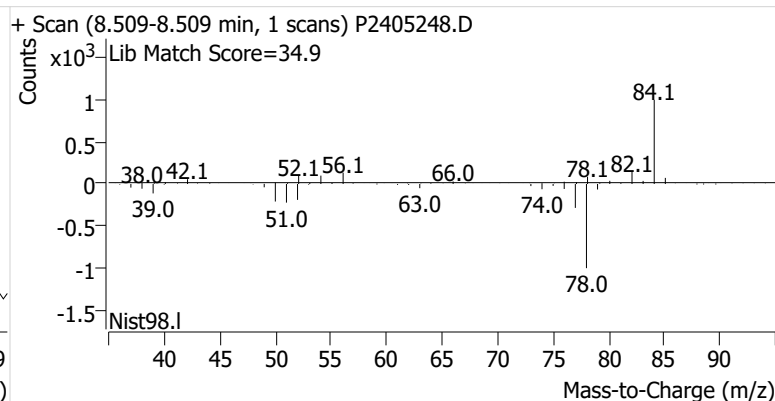
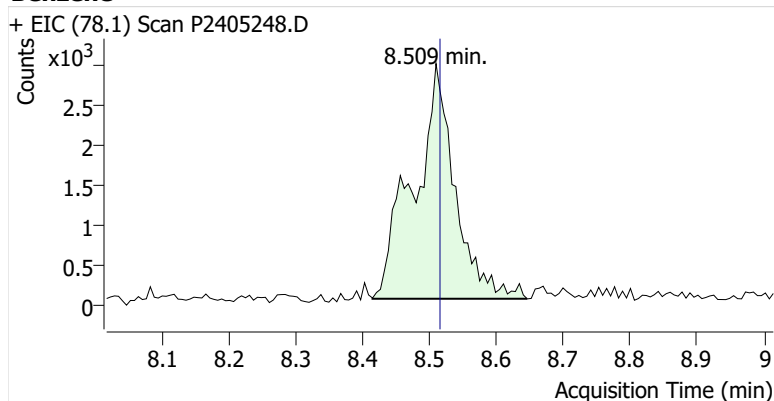


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	733,504	
Benzene	benzene-d6 (IS)	8.509	8.515	12,621	
Toluene-d8 (IS)		11.032	11.032	1,027,998	
Toluene	Toluene-d8 (IS)	11.133	11.121	18,793	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	2,709	
m-/p-Xylene	Toluene-d8 (IS)	13.489	13.459	637	
o-Xylene	Toluene-d8 (IS)	13.964	13.922	382	

benzene-d6 (IS)

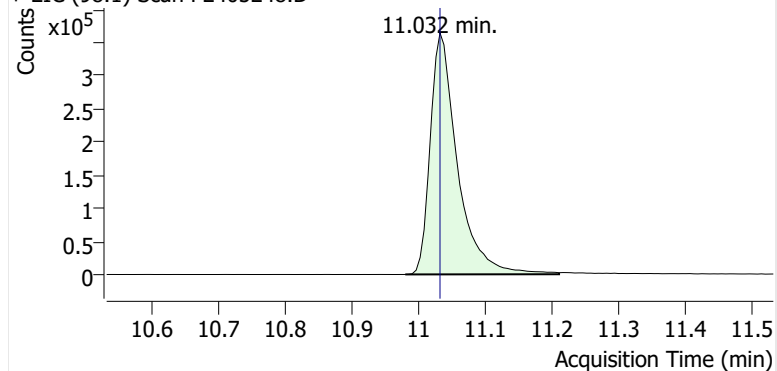


Benzene

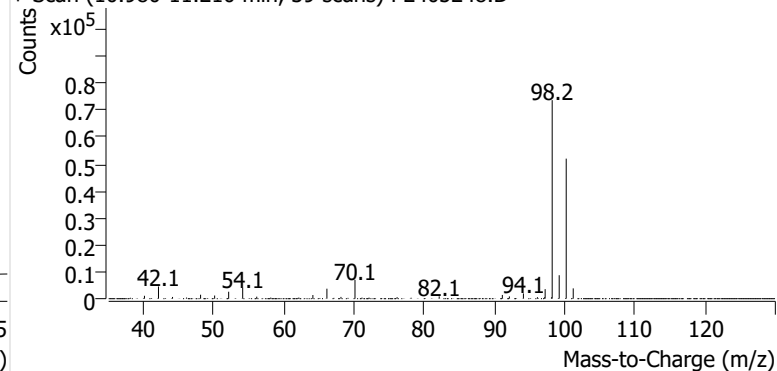


Toluene-d8 (IS)

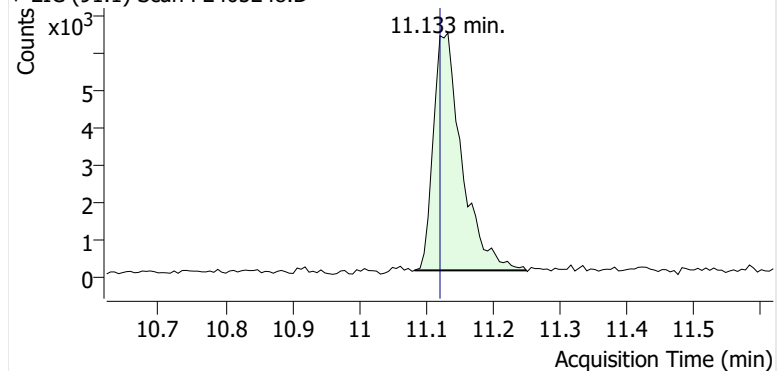
+ EIC (98.1) Scan P2405248.D



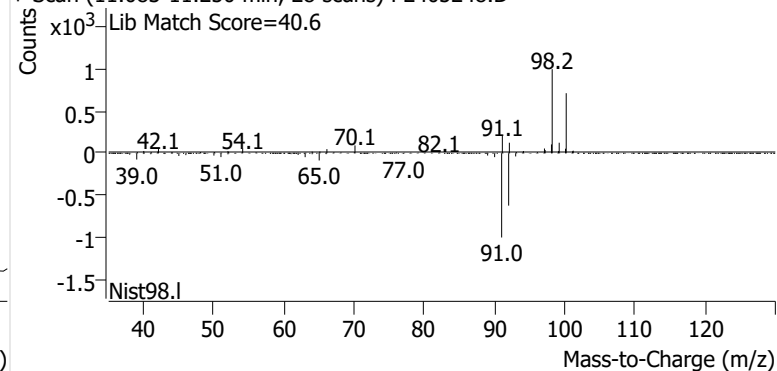
+ Scan (10.980-11.210 min, 39 scans) P2405248.D

**Toluene**

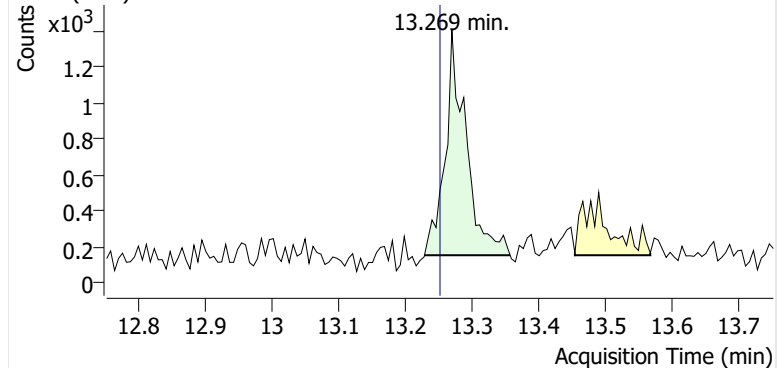
+ EIC (91.1) Scan P2405248.D



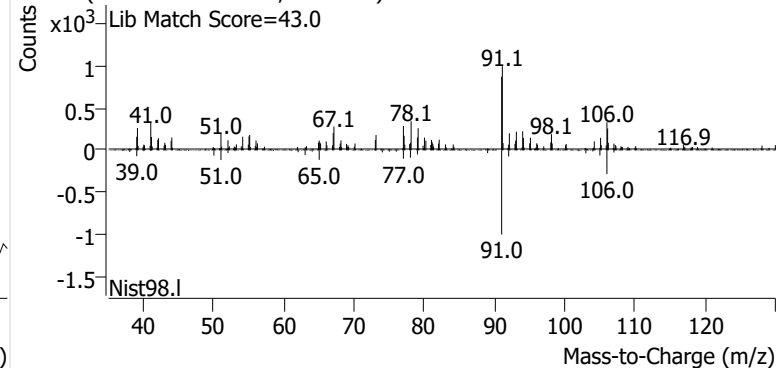
+ Scan (11.083-11.250 min, 28 scans) P2405248.D

**Ethylbenzene**

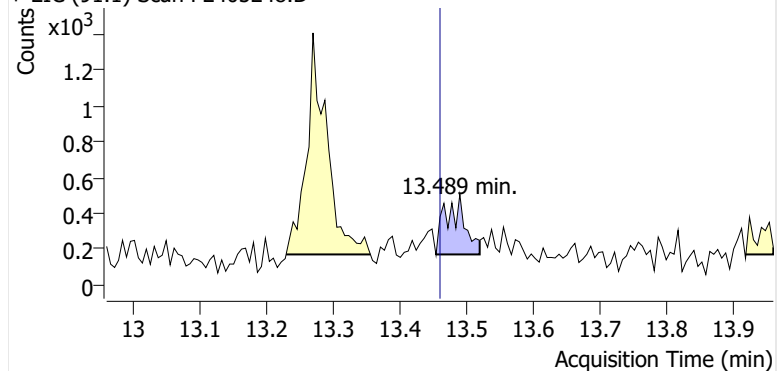
+ EIC (91.1) Scan P2405248.D



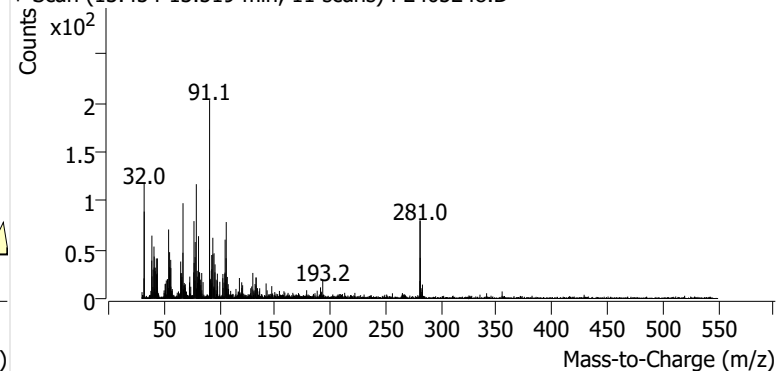
+ Scan (13.228-13.357 min, 21 scans) P2405248.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405248.D

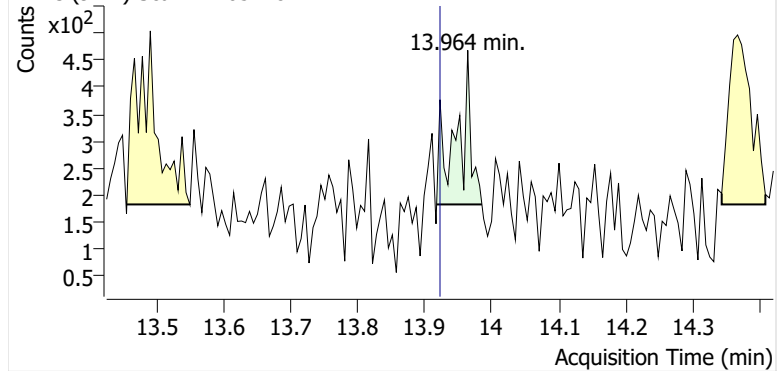


+ Scan (13.454-13.519 min, 11 scans) P2405248.D

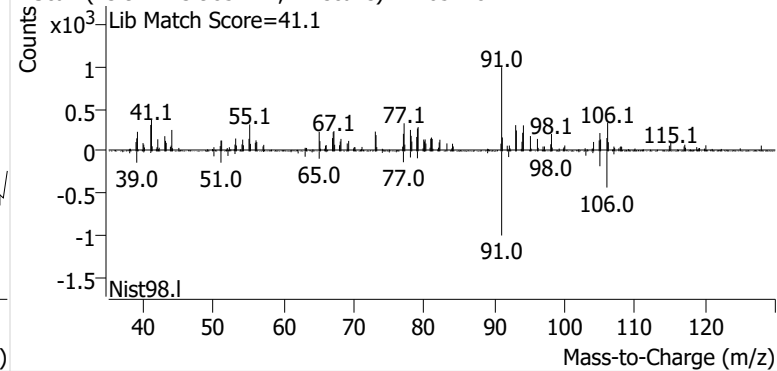


o-Xylene

+ EIC (91.1) Scan P2405248.D

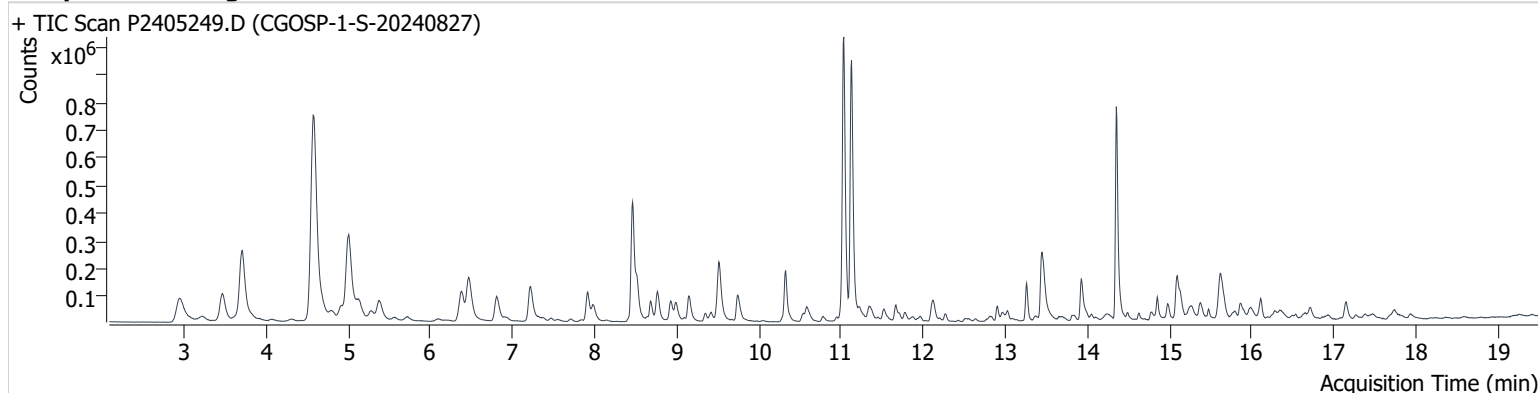


+ Scan (13.917-13.985 min, 11 scans) P2405248.D



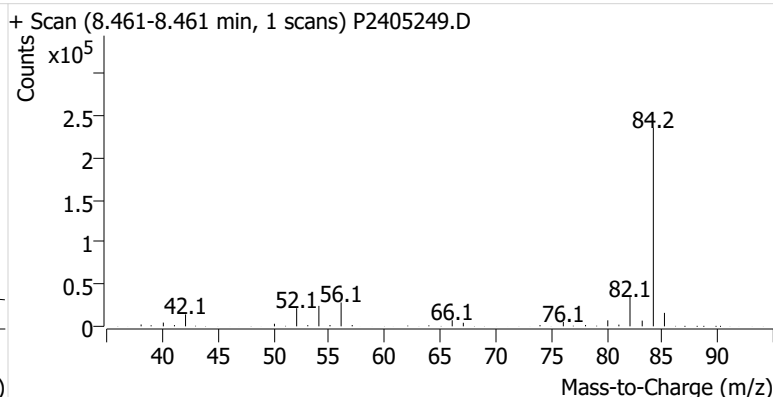
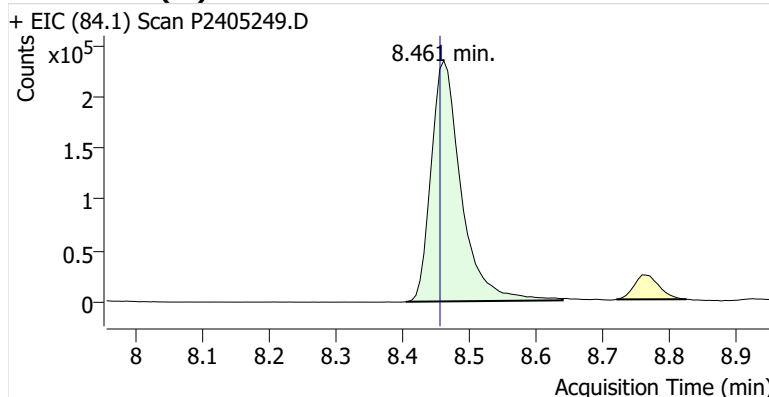
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Comment C38941
Data File P2405249.D
Acq. Date-Time 9/17/2024 7:16:31 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

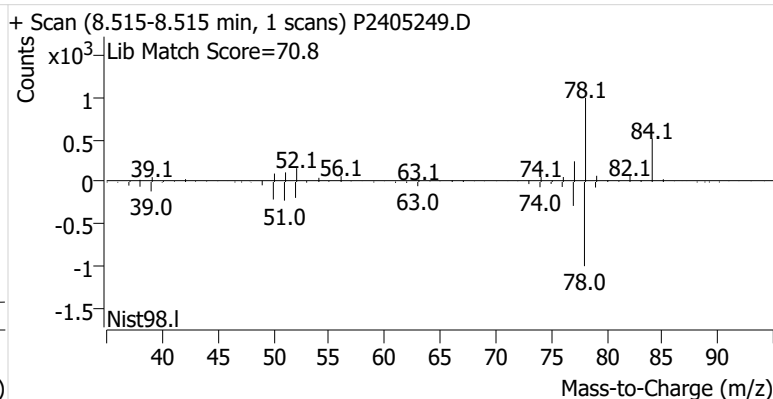
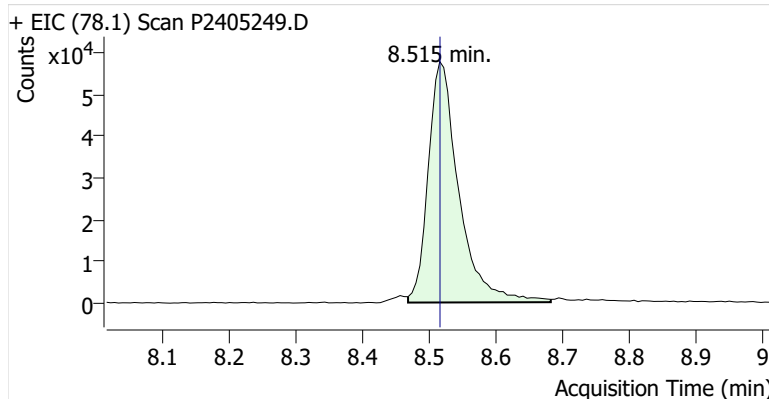


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.461	8.456	731,710	
Benzene	benzene-d6 (IS)	8.515	8.515	183,998	
Toluene-d8 (IS)		11.031	11.032	1,026,626	
Toluene	Toluene-d8 (IS)	11.126	11.121	973,116	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	134,348	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	356,269	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	159,674	

benzene-d6 (IS)

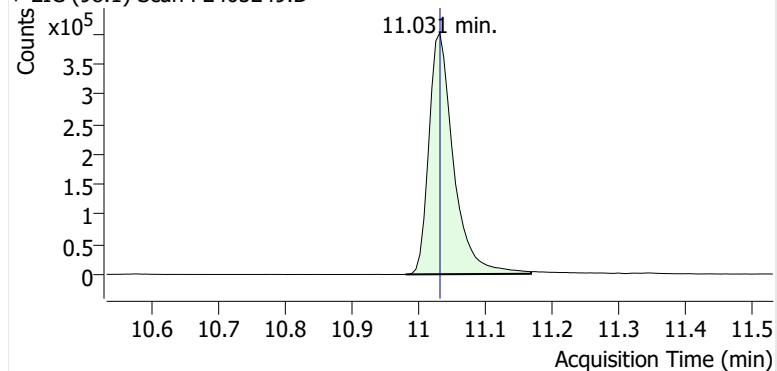


Benzene

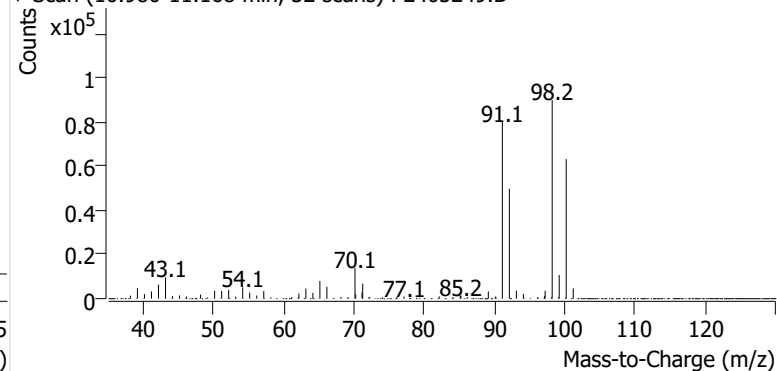


Toluene-d8 (IS)

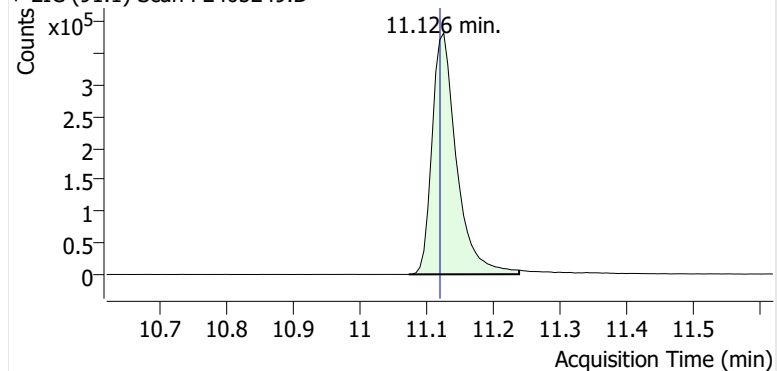
+ EIC (98.1) Scan P2405249.D



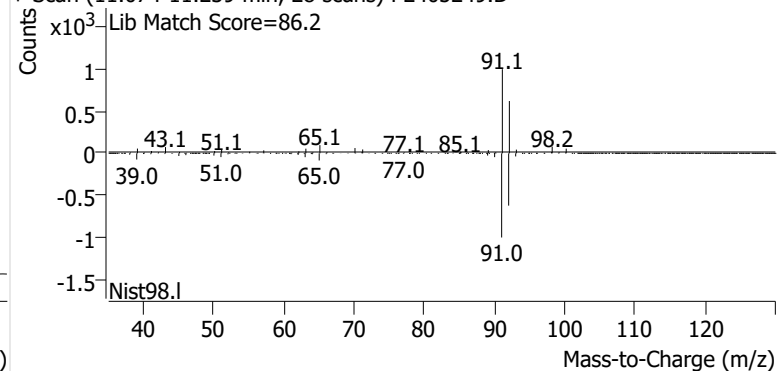
+ Scan (10.980-11.168 min, 32 scans) P2405249.D

**Toluene**

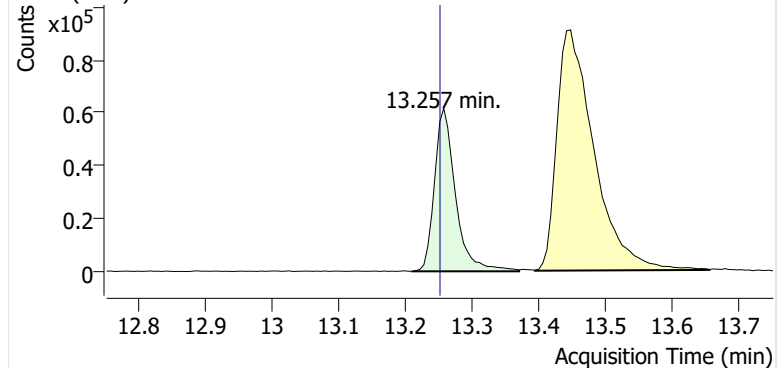
+ EIC (91.1) Scan P2405249.D



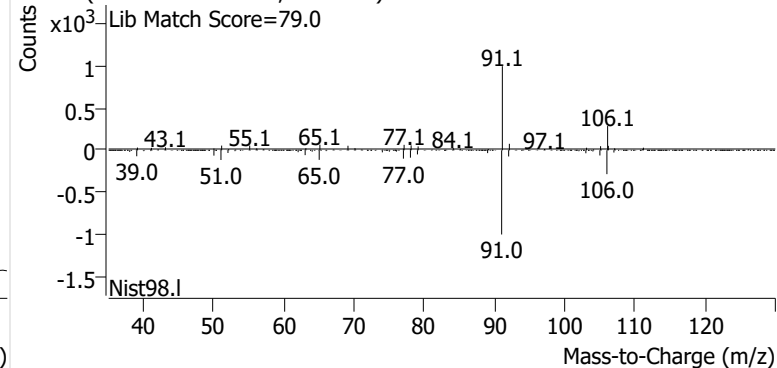
+ Scan (11.074-11.239 min, 28 scans) P2405249.D

**Ethylbenzene**

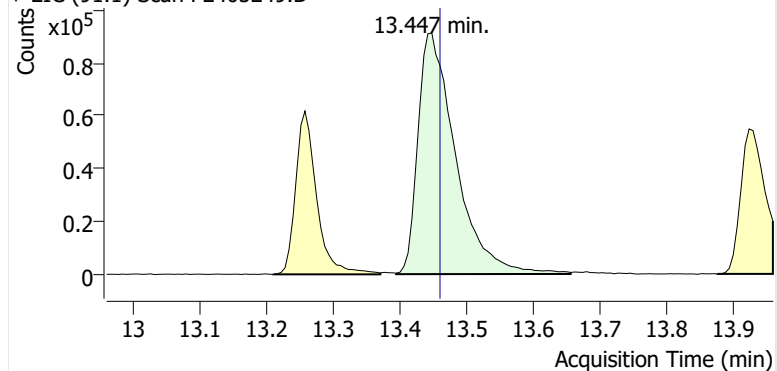
+ EIC (91.1) Scan P2405249.D



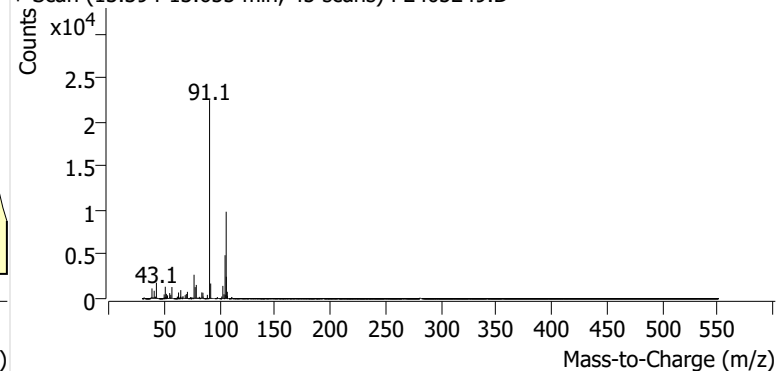
+ Scan (13.210-13.370 min, 28 scans) P2405249.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405249.D

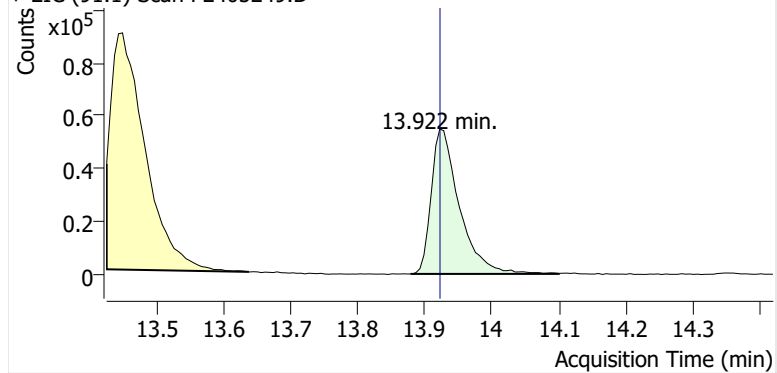


+ Scan (13.394-13.655 min, 45 scans) P2405249.D

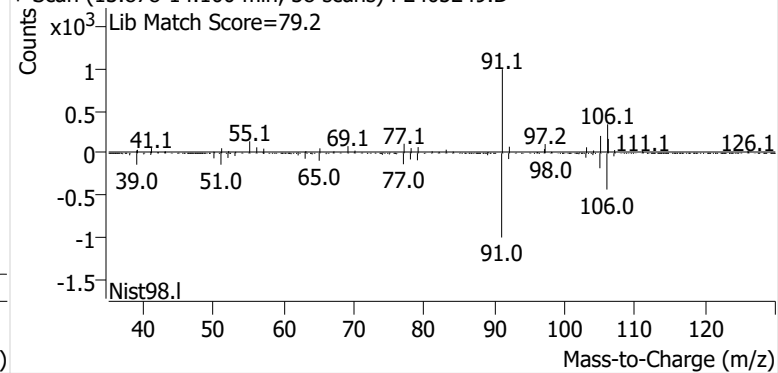


o-Xylene

+ EIC (91.1) Scan P2405249.D

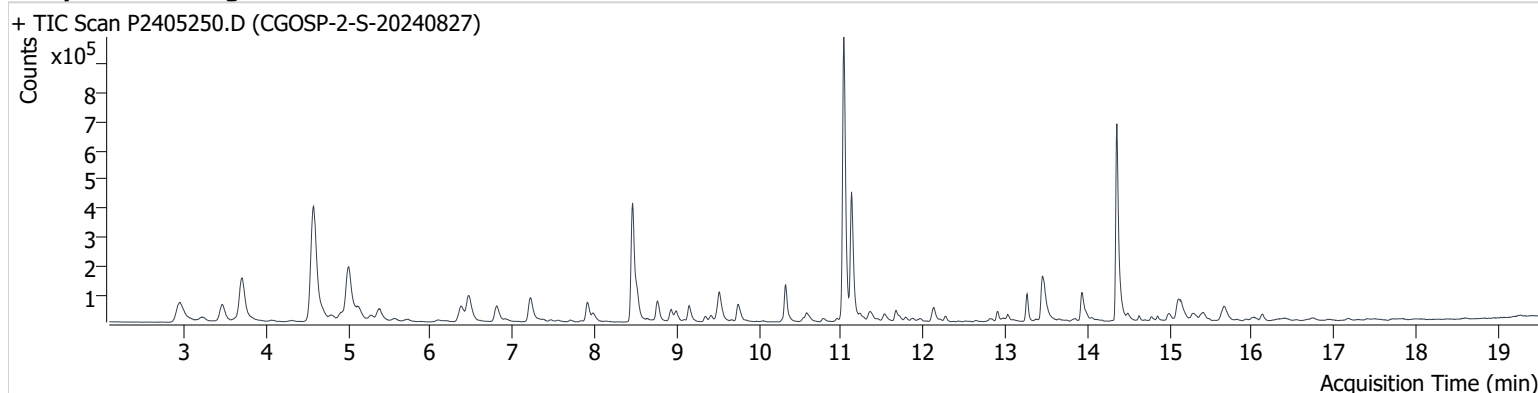


+ Scan (13.878-14.100 min, 38 scans) P2405249.D



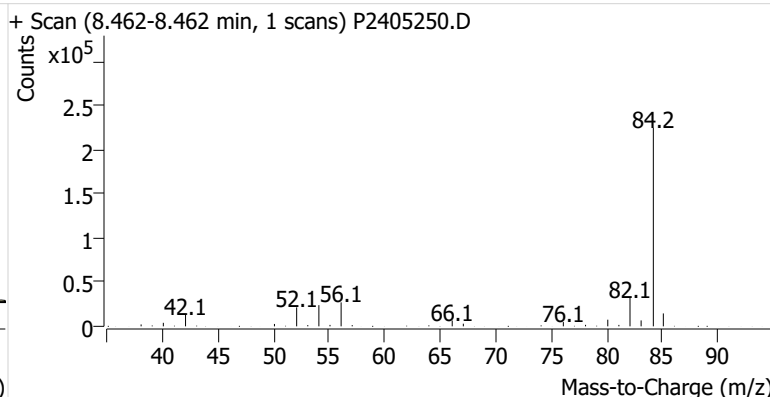
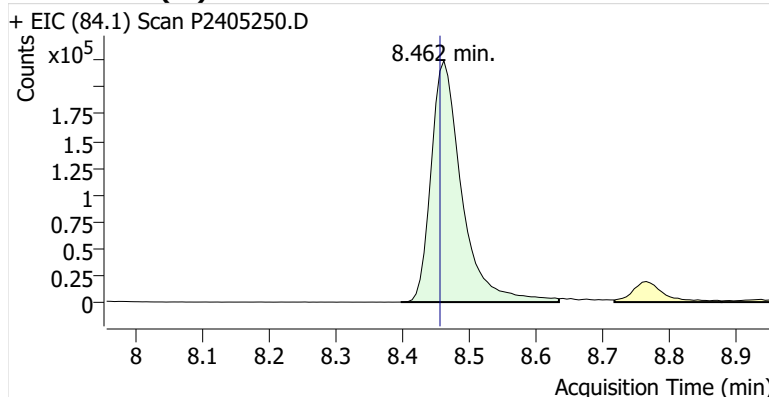
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Comment B46339
Data File P2405250.D
Acq. Date-Time 9/17/2024 7:54:24 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

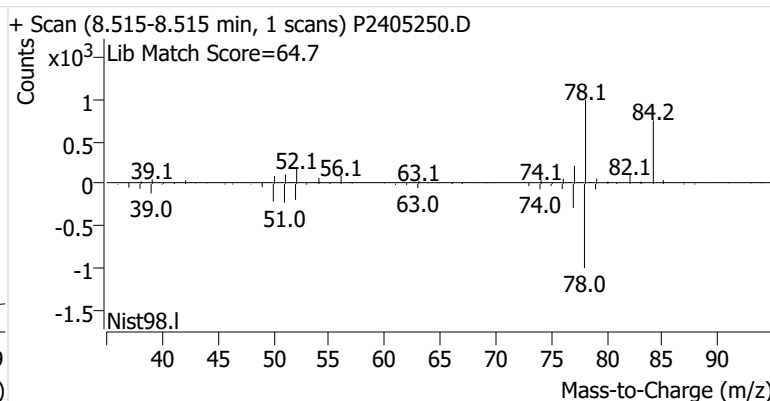
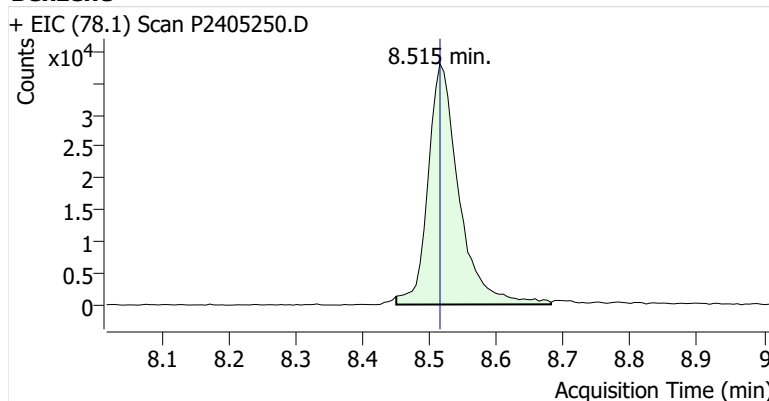


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,716	
Benzene	benzene-d6 (IS)	8.515	8.515	121,675	
Toluene-d8 (IS)		11.032	11.032	1,022,141	
Toluene	Toluene-d8 (IS)	11.127	11.121	460,923	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	93,397	
m-/p-Xylene	Toluene-d8 (IS)	13.453	13.459	237,789	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	126,027	

benzene-d6 (IS)

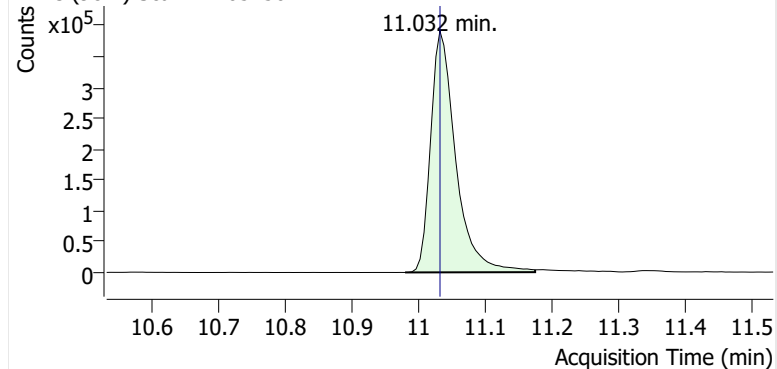


Benzene

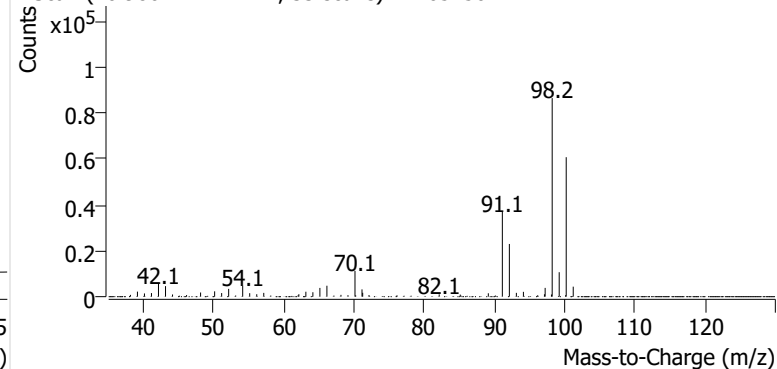


Toluene-d8 (IS)

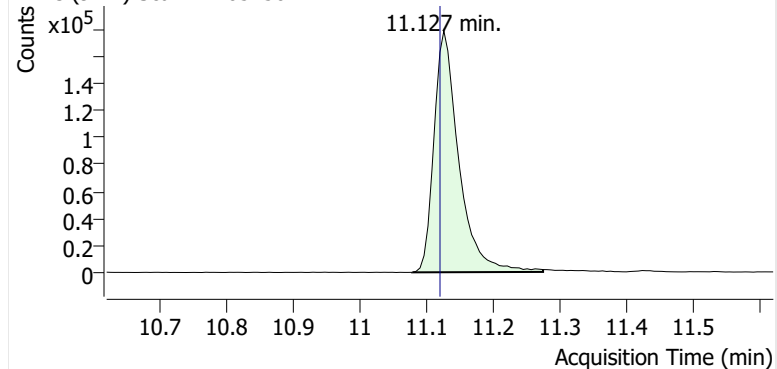
+ EIC (98.1) Scan P2405250.D



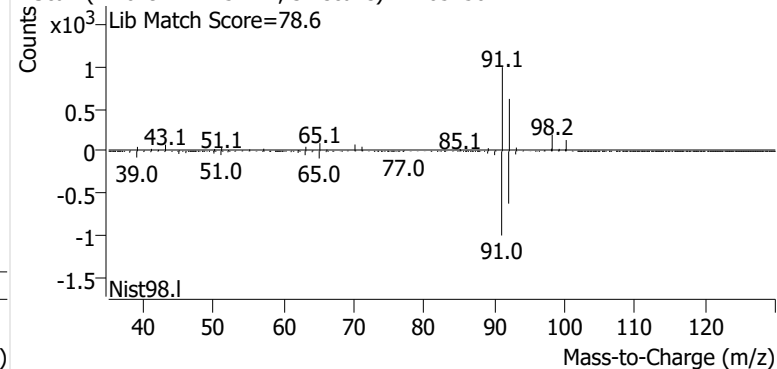
+ Scan (10.980-11.174 min, 33 scans) P2405250.D

**Toluene**

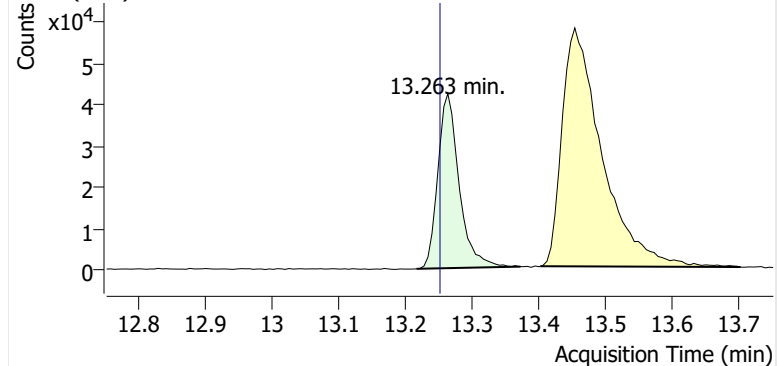
+ EIC (91.1) Scan P2405250.D



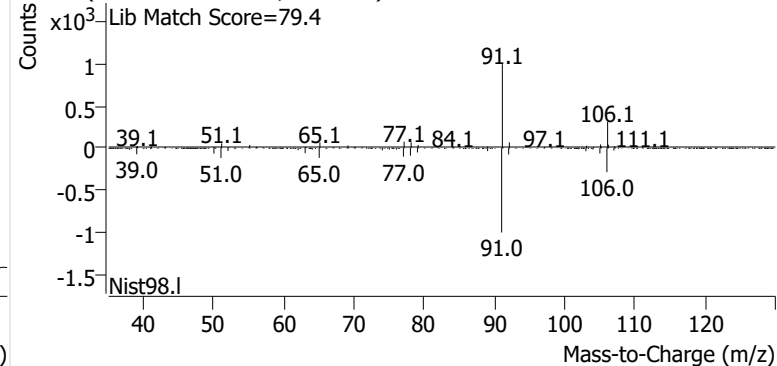
+ Scan (11.079-11.275 min, 34 scans) P2405250.D

**Ethylbenzene**

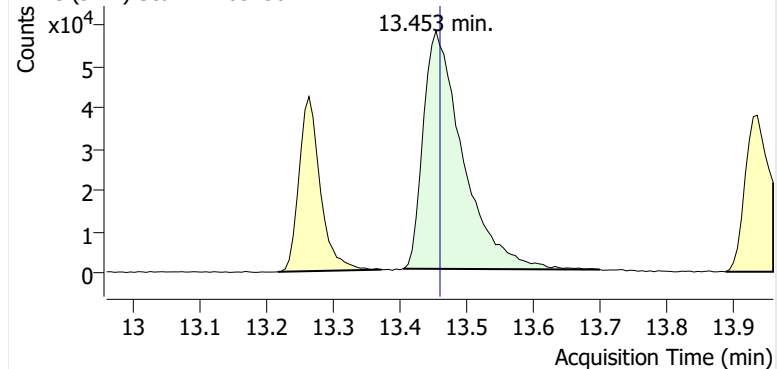
+ EIC (91.1) Scan P2405250.D



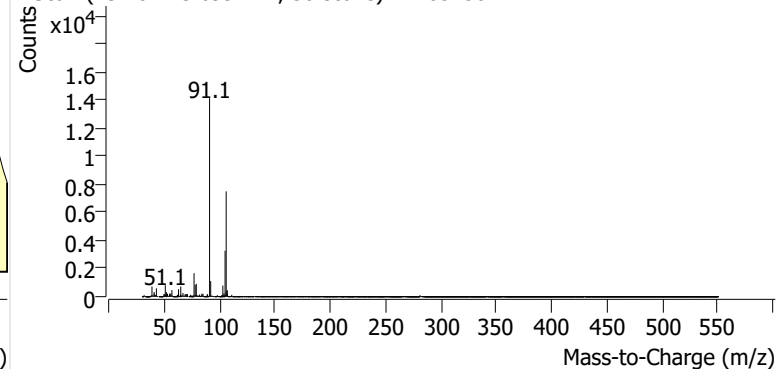
+ Scan (13.217-13.372 min, 26 scans) P2405250.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405250.D

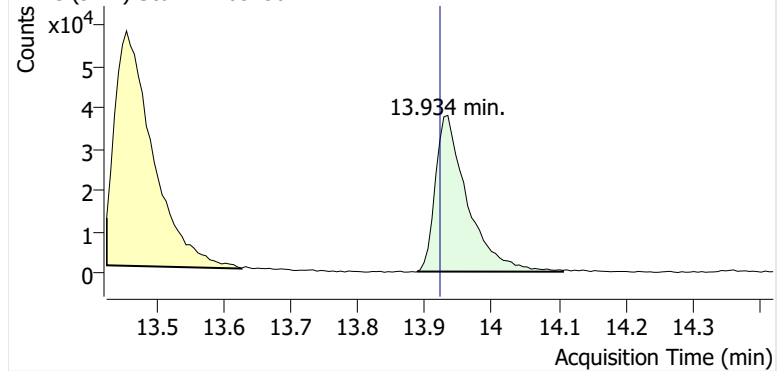


+ Scan (13.404-13.699 min, 50 scans) P2405250.D

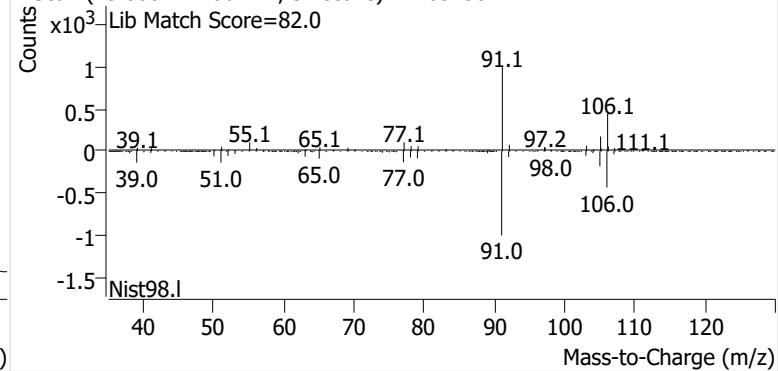


o-Xylene

+ EIC (91.1) Scan P2405250.D

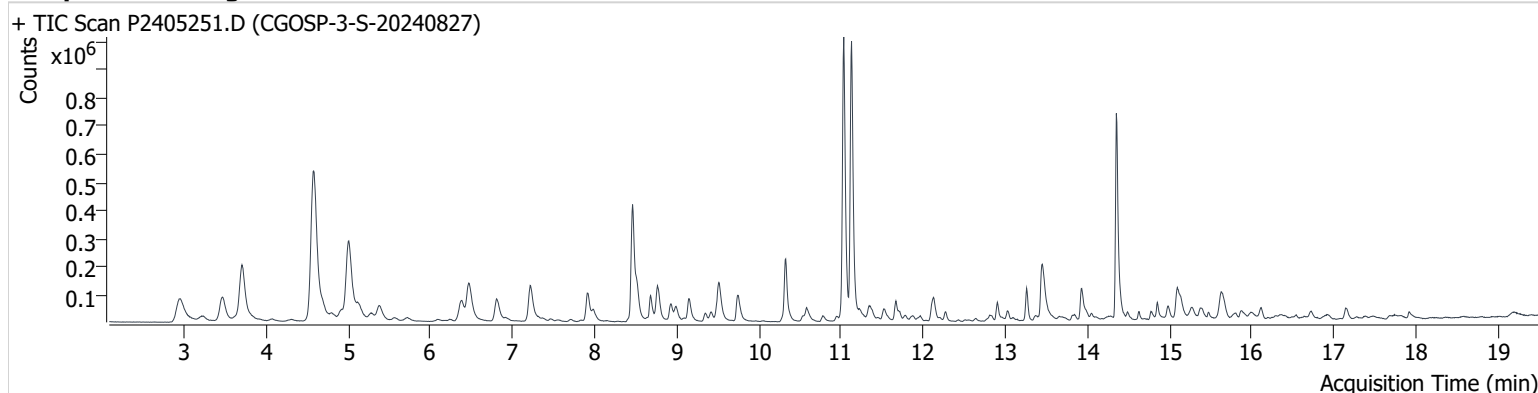


+ Scan (13.888-14.106 min, 37 scans) P2405250.D



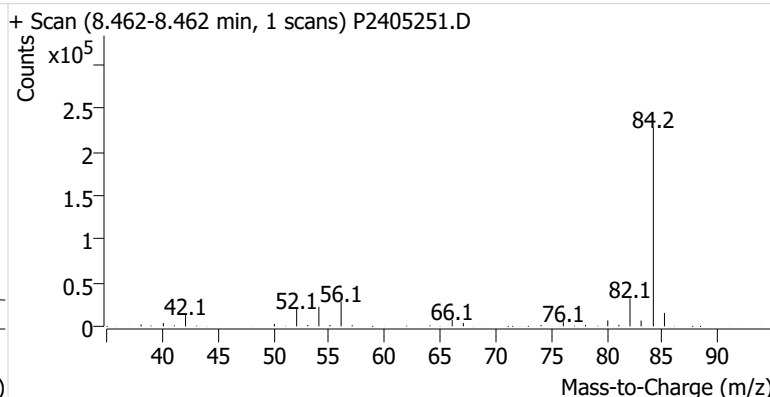
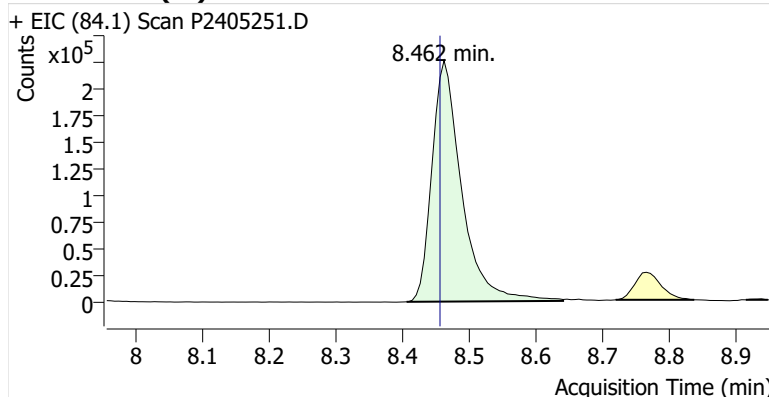
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Comment C40588
Data File P2405251.D
Acq. Date-Time 9/17/2024 8:32:15 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

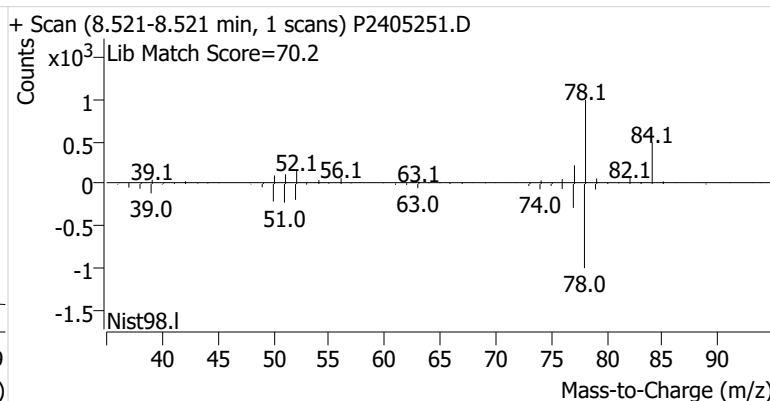
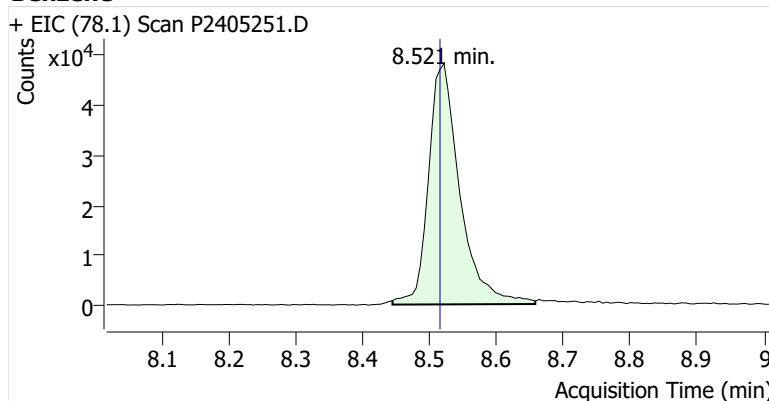


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	700,148	
Benzene	benzene-d6 (IS)	8.521	8.515	157,371	
Toluene-d8 (IS)		11.032	11.032	992,306	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,064,208	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	108,896	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	292,654	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	131,623	

benzene-d6 (IS)

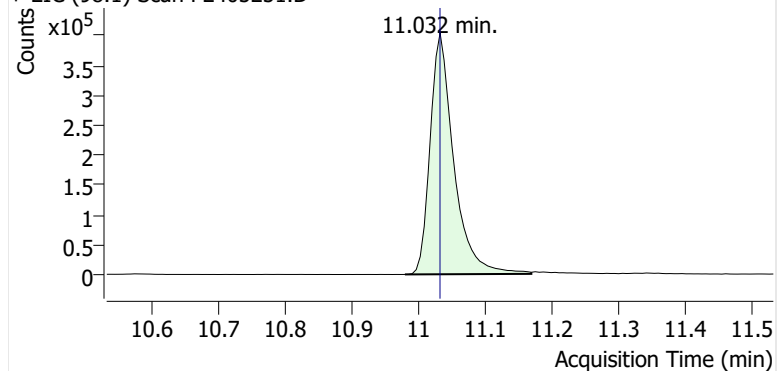


Benzene

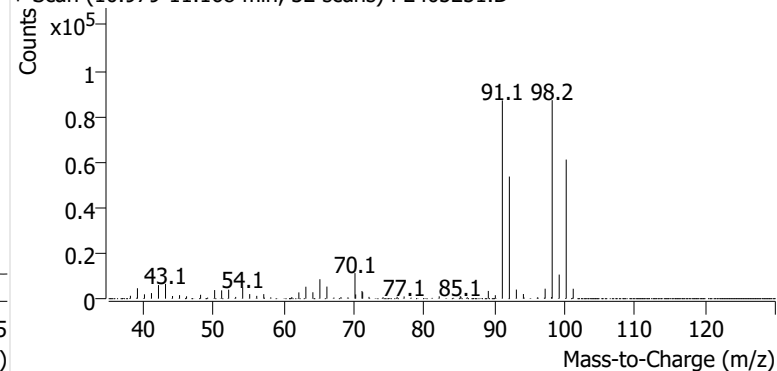


Toluene-d8 (IS)

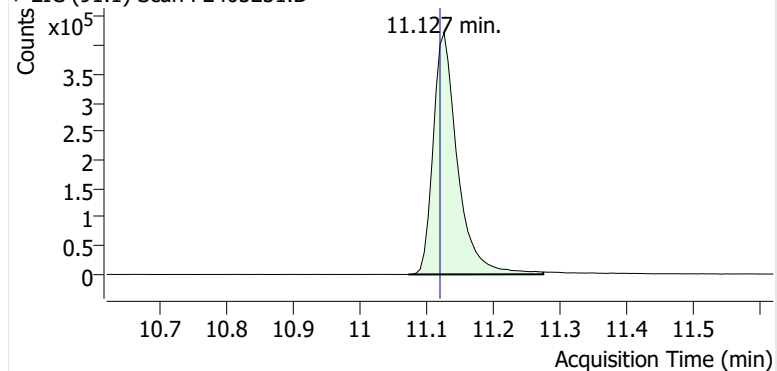
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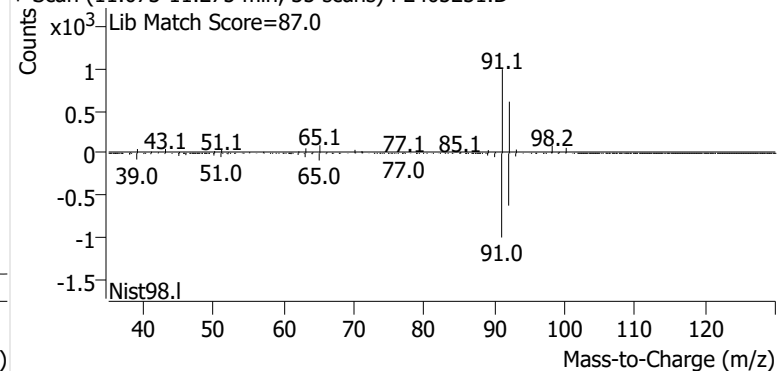
+ Scan (10.979-11.168 min, 32 scans) P2405251.D

**Toluene**

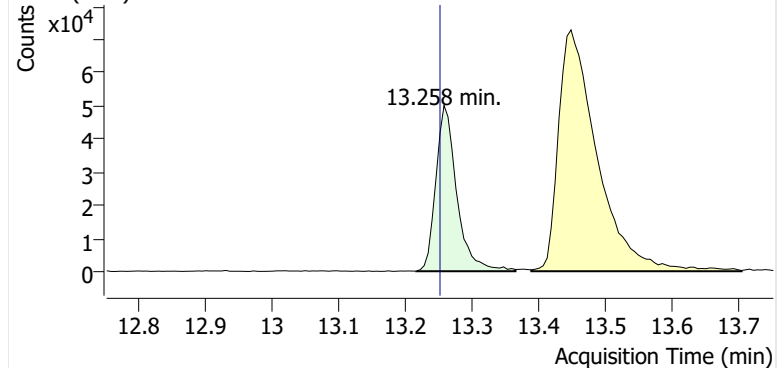
+ EIC (91.1) Scan P2405251.D



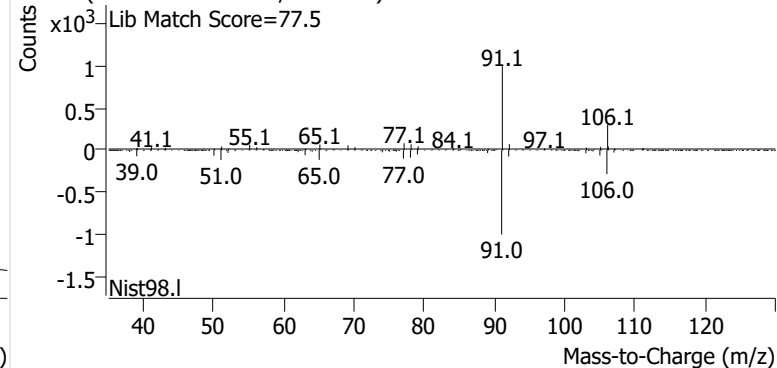
+ Scan (11.073-11.275 min, 35 scans) P2405251.D

**Ethylbenzene**

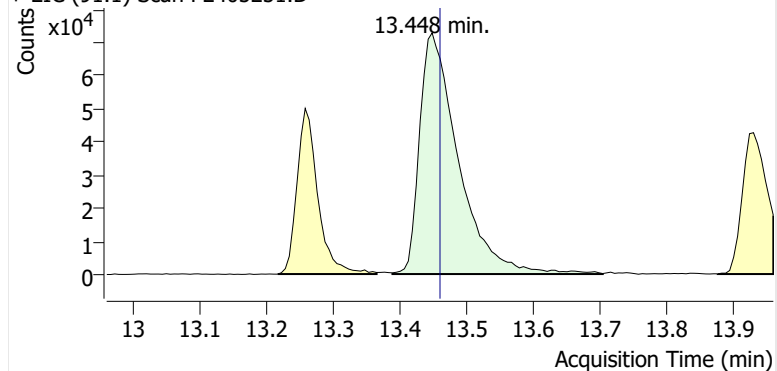
+ EIC (91.1) Scan P2405251.D



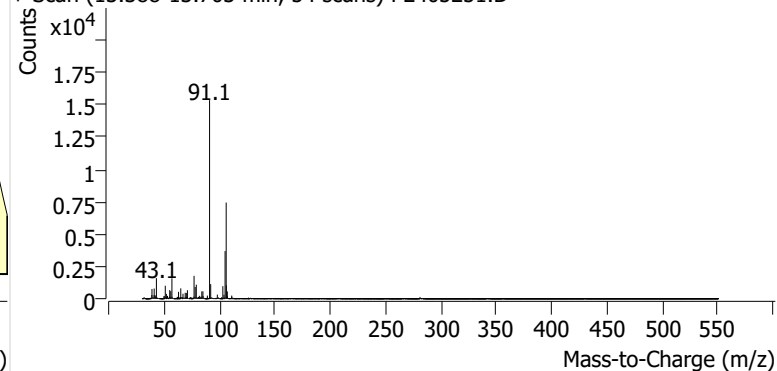
+ Scan (13.216-13.365 min, 26 scans) P2405251.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405251.D

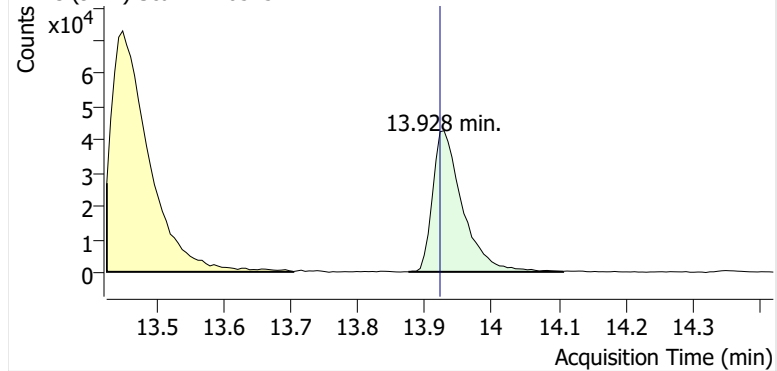


+ Scan (13.388-13.703 min, 54 scans) P2405251.D

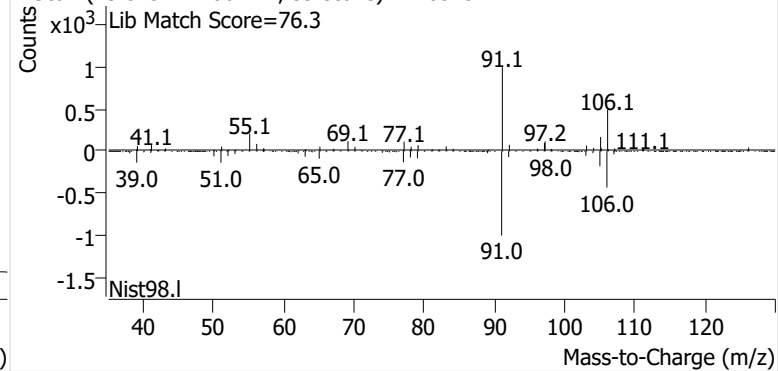


o-Xylene

+ EIC (91.1) Scan P2405251.D

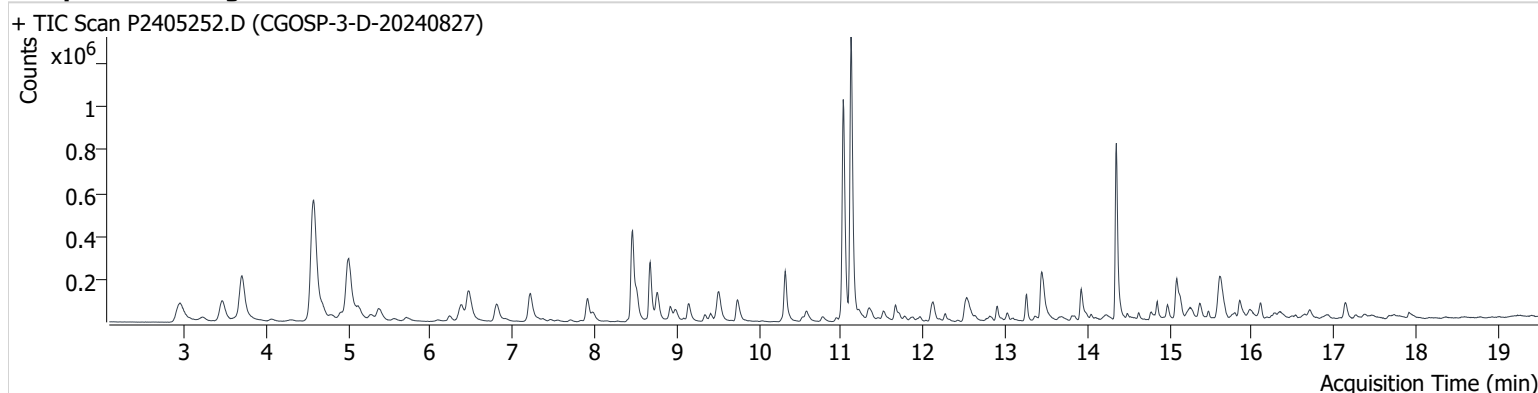


+ Scan (13.875-14.106 min, 39 scans) P2405251.D



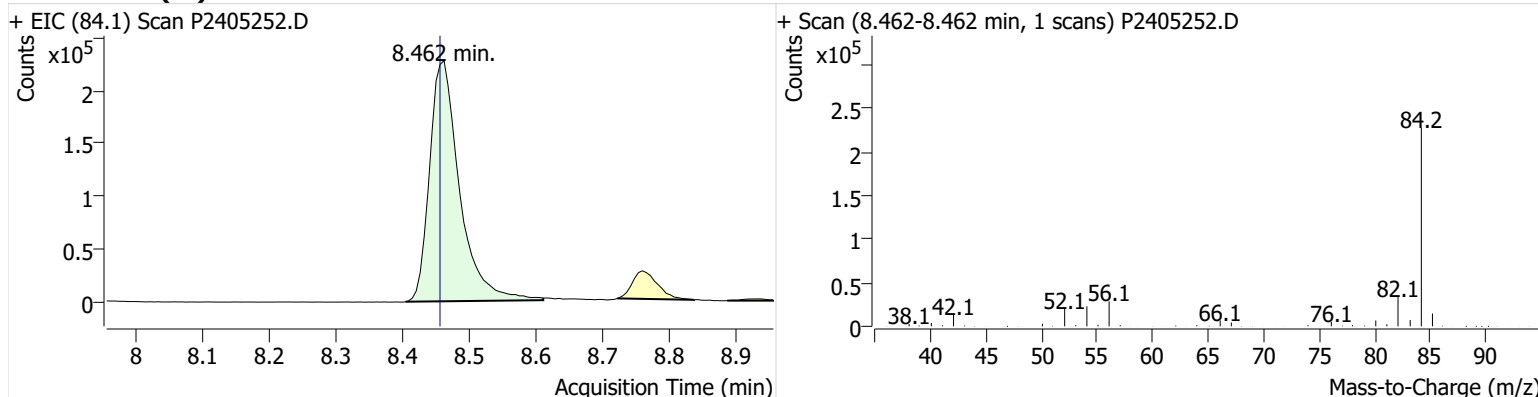
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Comment C38930
Data File P2405252.D
Acq. Date-Time 9/17/2024 9:10:08 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

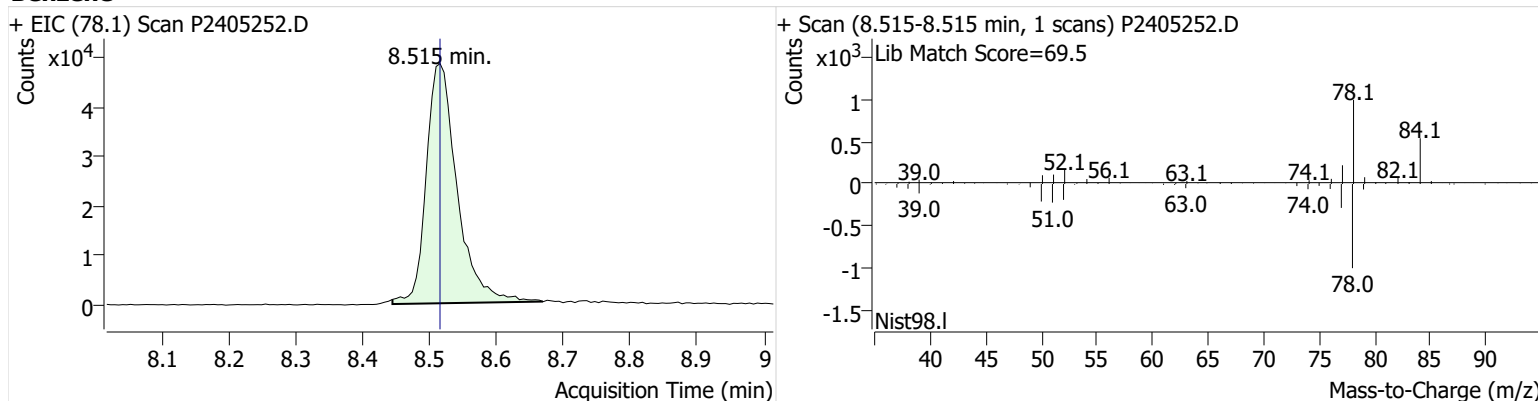


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	707,265	
Benzene	benzene-d6 (IS)	8.515	8.515	155,989	
Toluene-d8 (IS)		11.026	11.032	1,016,078	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,412,352	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	113,637	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	305,305	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	142,909	

benzene-d6 (IS)

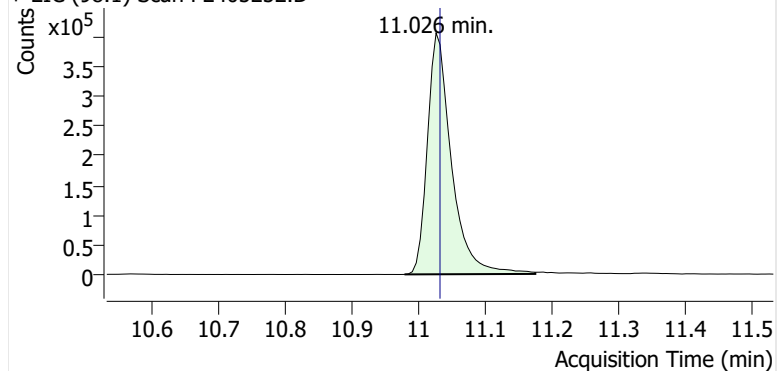


Benzene

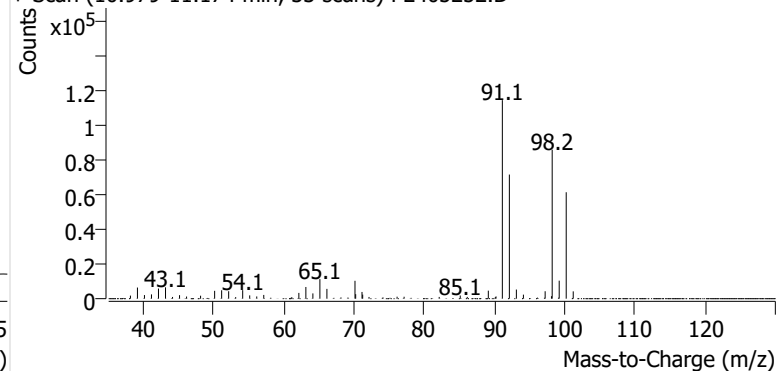


Toluene-d8 (IS)

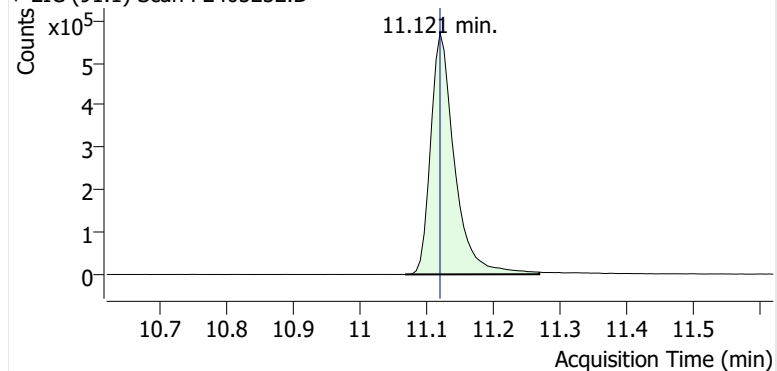
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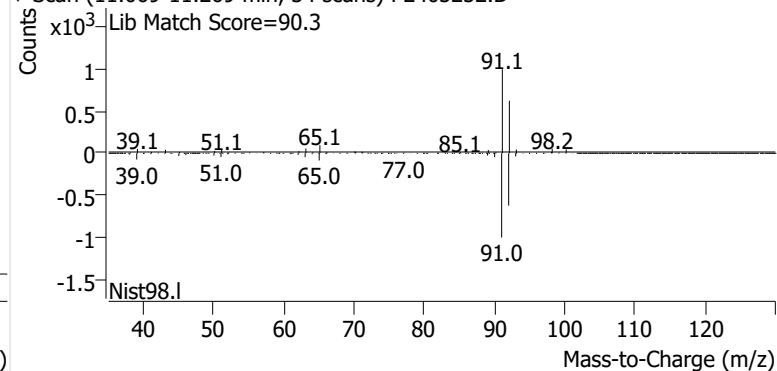
+ Scan (10.979-11.174 min, 33 scans) P2405252.D

**Toluene**

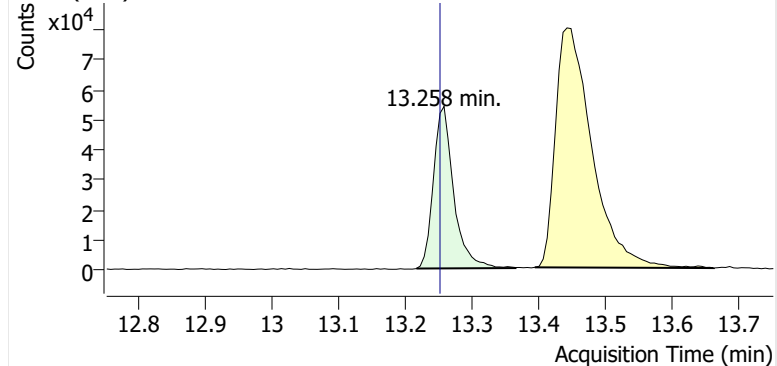
+ EIC (91.1) Scan P2405252.D



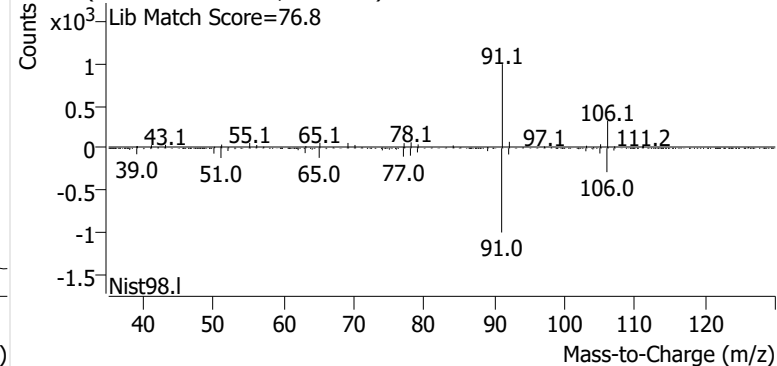
+ Scan (11.069-11.269 min, 34 scans) P2405252.D

**Ethylbenzene**

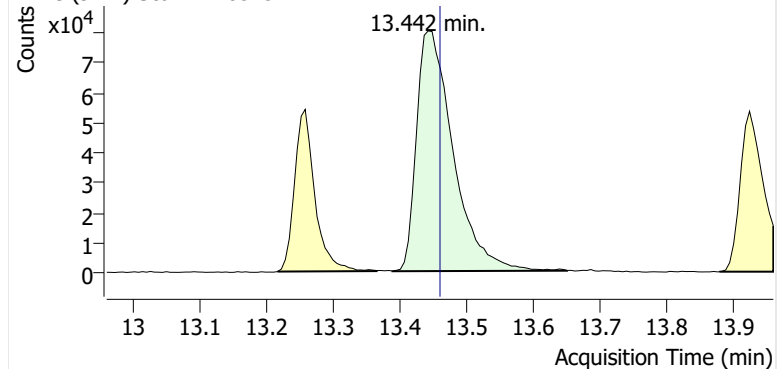
+ EIC (91.1) Scan P2405252.D



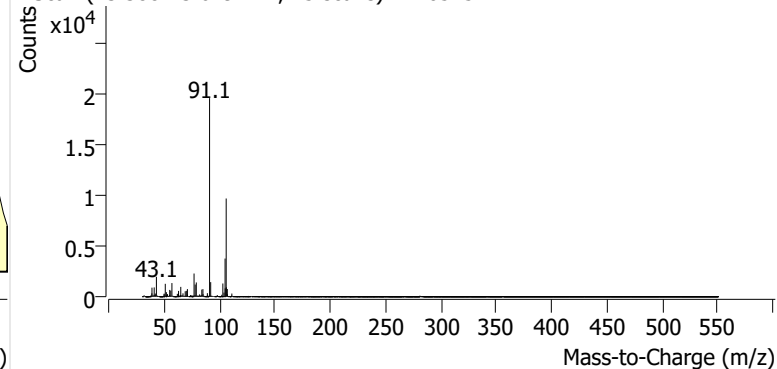
+ Scan (13.216-13.365 min, 25 scans) P2405252.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405252.D

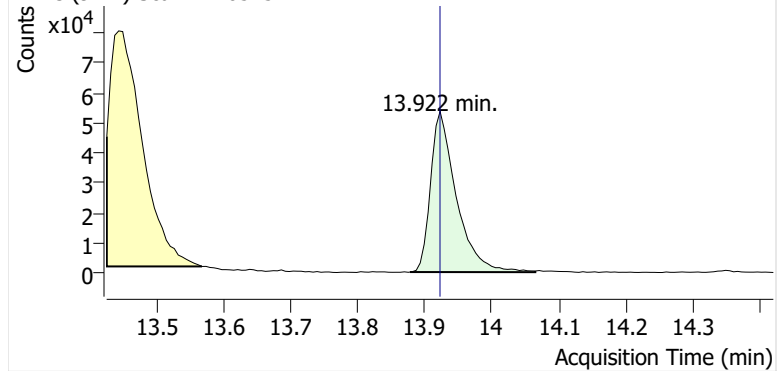


+ Scan (13.388-13.649 min, 45 scans) P2405252.D

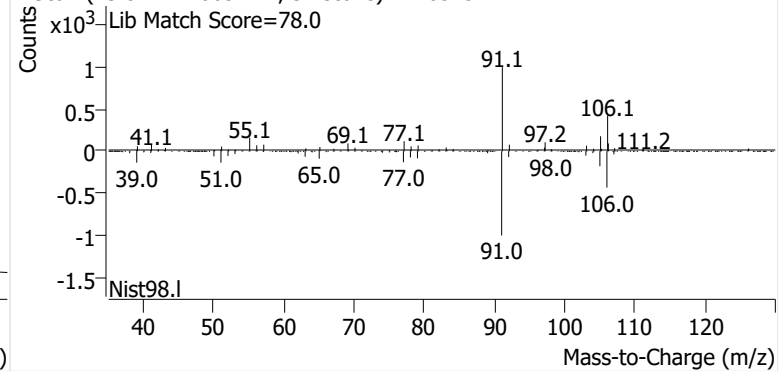


o-Xylene

+ EIC (91.1) Scan P2405252.D

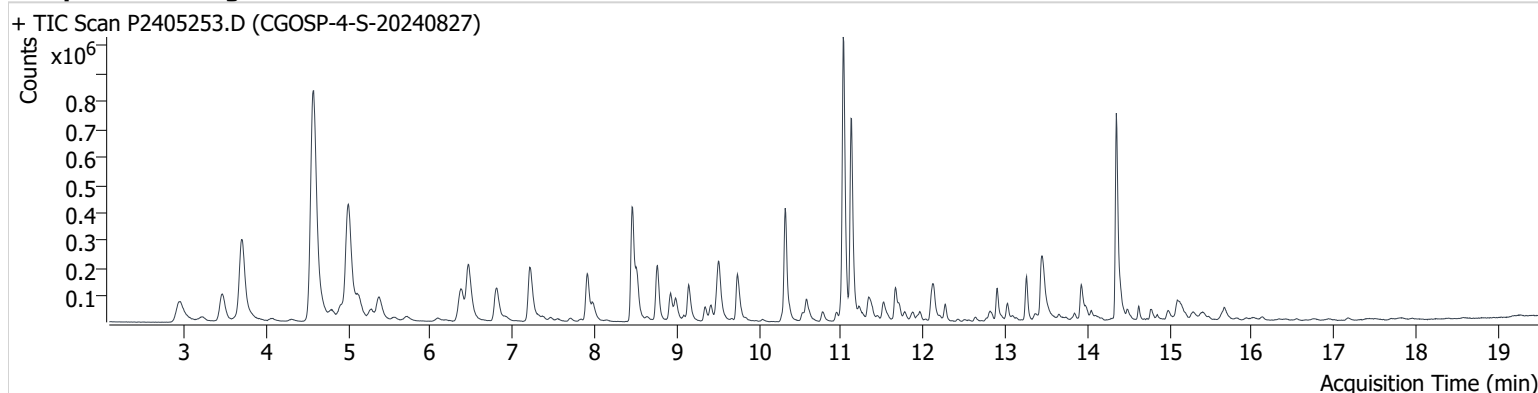


+ Scan (13.877-14.065 min, 32 scans) P2405252.D



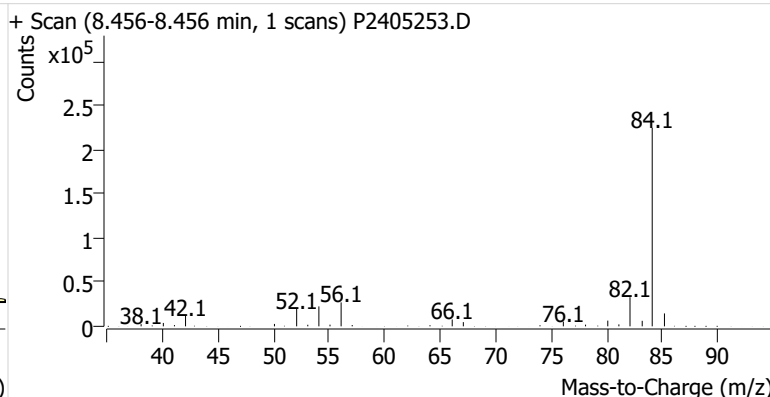
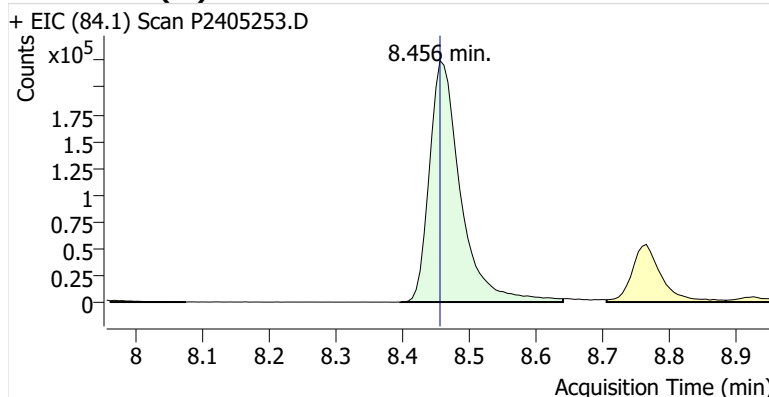
Name CGOSP-4-S-20240827
Comment B29322
Data File P2405253.D
Acq. Date-Time 9/17/2024 9:47:58 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

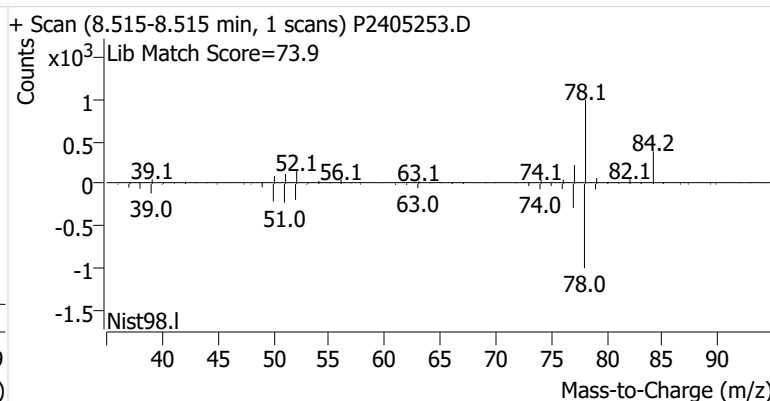
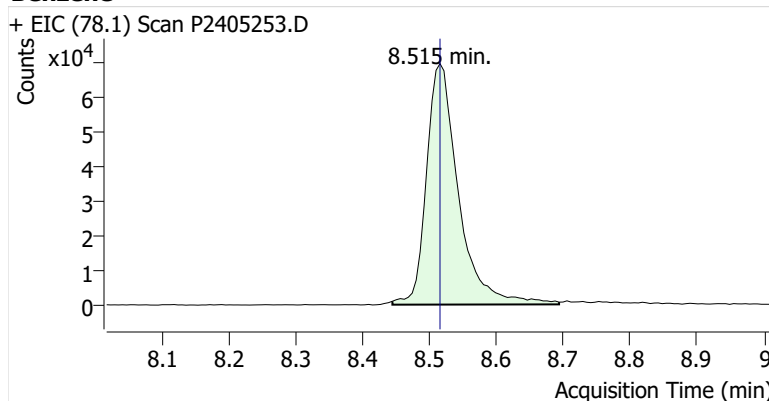


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	727,548	
Benzene	benzene-d6 (IS)	8.515	8.515	231,142	
Toluene-d8 (IS)		11.026	11.032	1,021,601	
Toluene	Toluene-d8 (IS)	11.121	11.121	737,957	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	152,403	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	350,466	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	151,489	

benzene-d6 (IS)

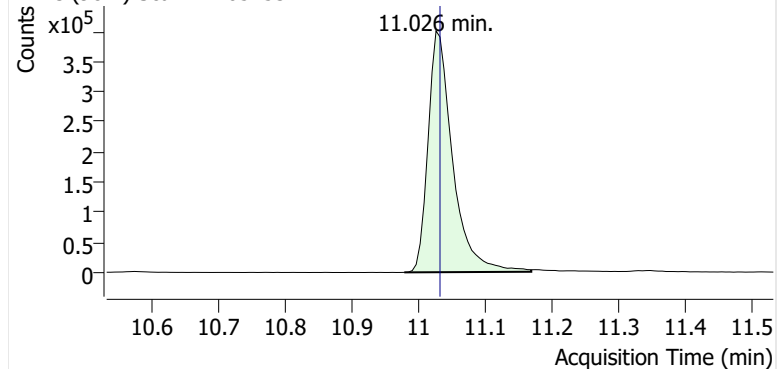


Benzene

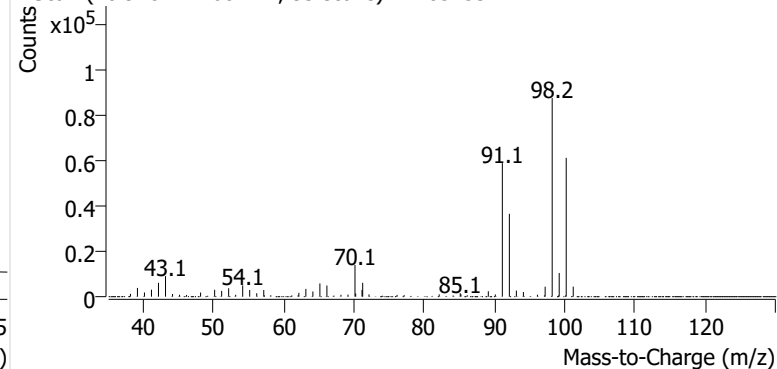


Toluene-d8 (IS)

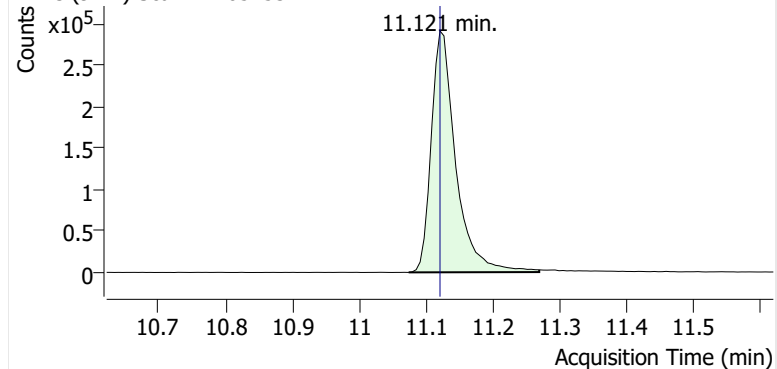
+ EIC (98.1) Scan P2405253.D



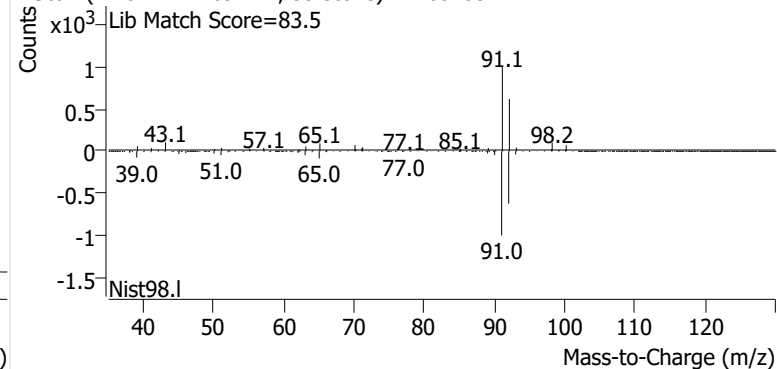
+ Scan (10.978-11.168 min, 33 scans) P2405253.D

**Toluene**

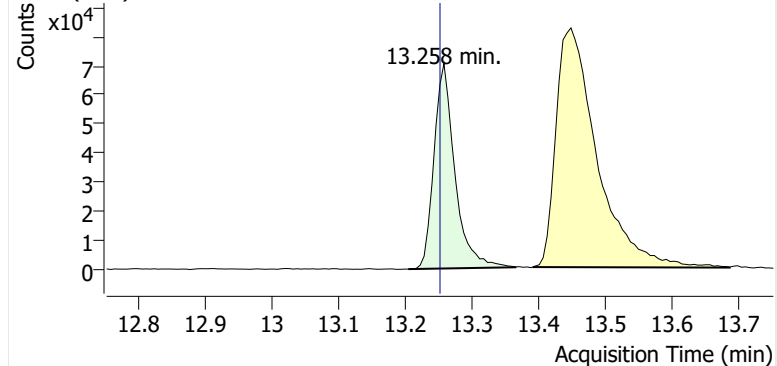
+ EIC (91.1) Scan P2405253.D



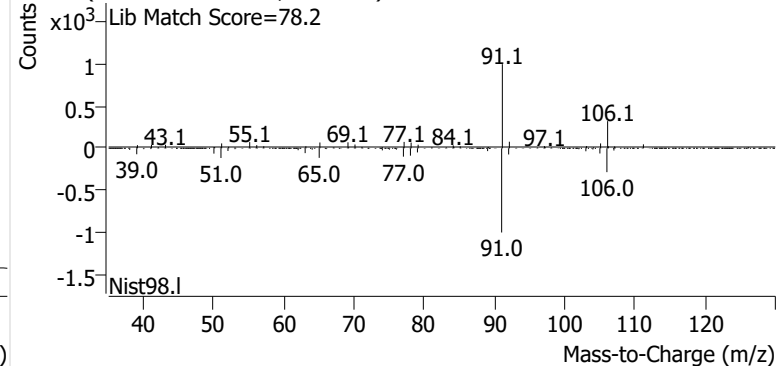
+ Scan (11.074-11.269 min, 33 scans) P2405253.D

**Ethylbenzene**

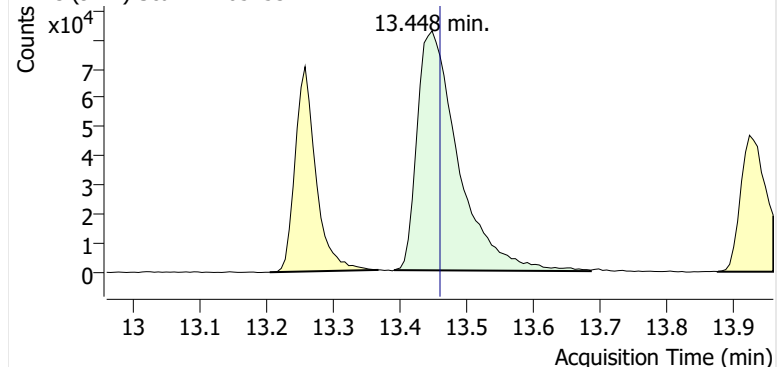
+ EIC (91.1) Scan P2405253.D



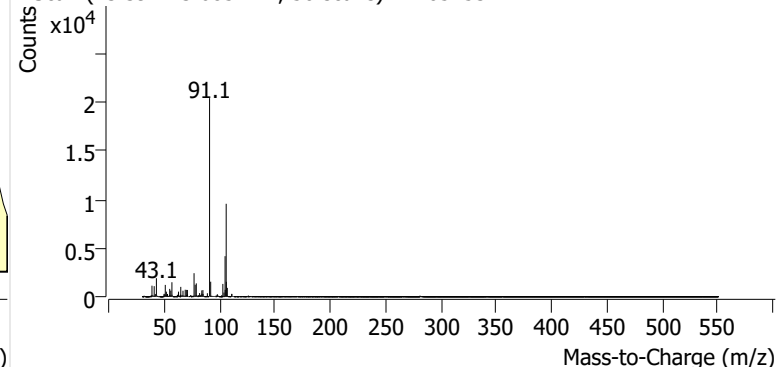
+ Scan (13.204-13.364 min, 28 scans) P2405253.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405253.D

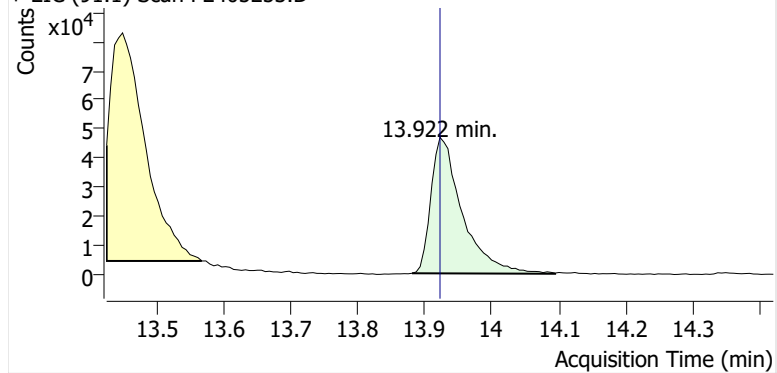


+ Scan (13.391-13.685 min, 50 scans) P2405253.D

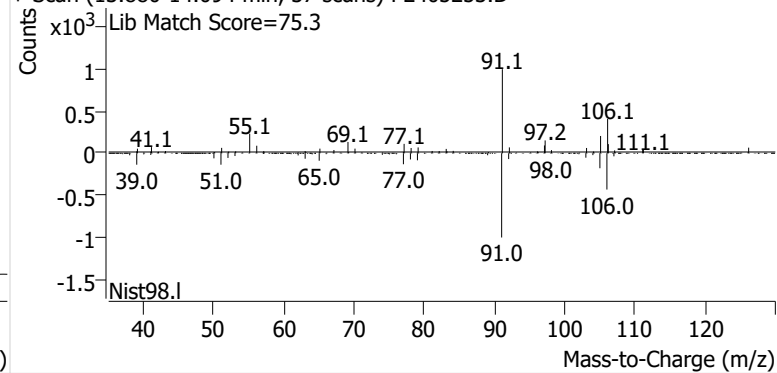


o-Xylene

+ EIC (91.1) Scan P2405253.D

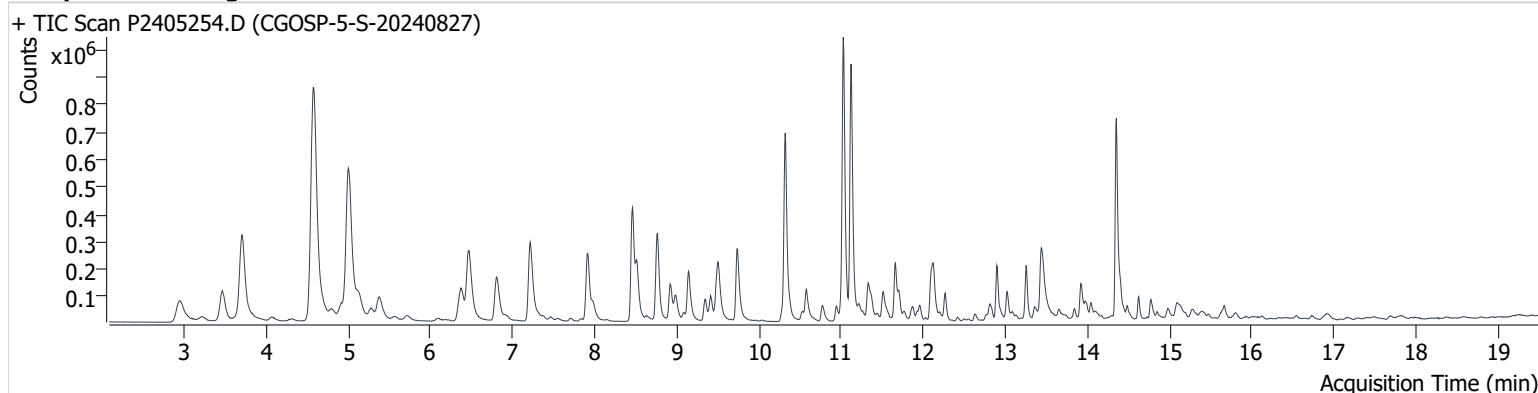


+ Scan (13.880-14.094 min, 37 scans) P2405253.D



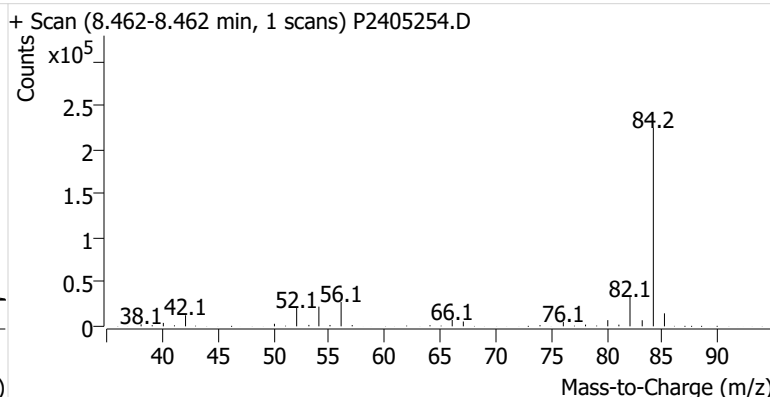
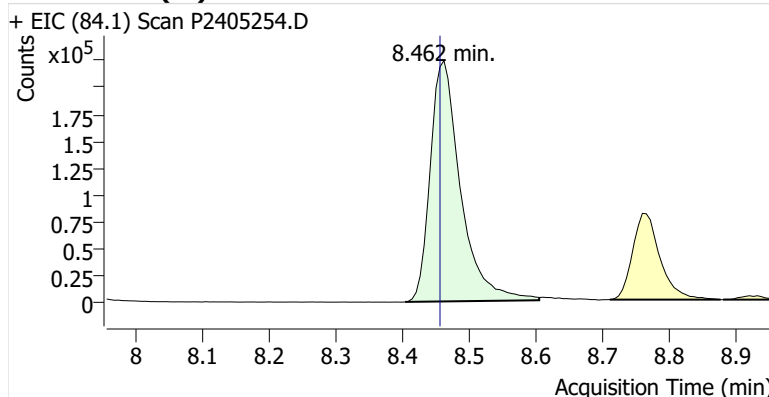
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Comment C32711
Data File P2405254.D
Acq. Date-Time 9/17/2024 10:25:51 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

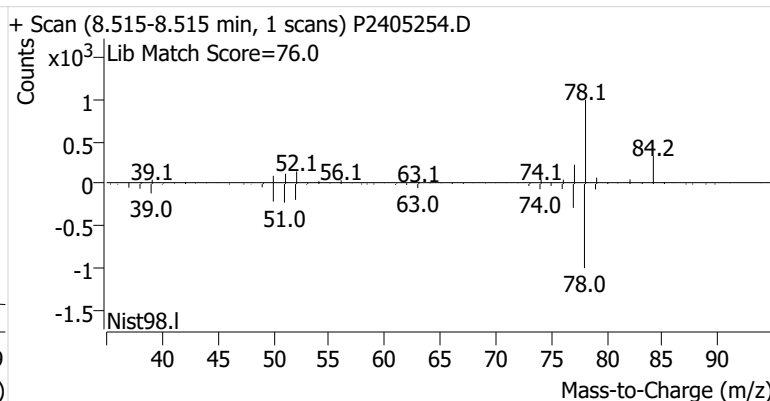
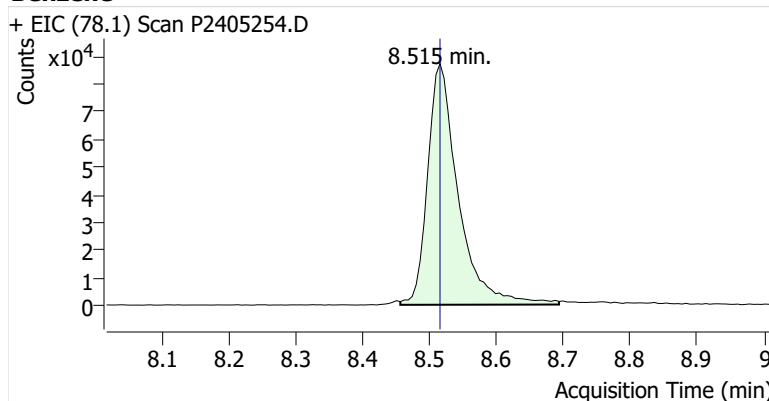


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	707,473	
Benzene	benzene-d6 (IS)	8.515	8.515	277,783	
Toluene-d8 (IS)		11.026	11.032	1,021,416	
Toluene	Toluene-d8 (IS)	11.121	11.121	968,021	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	186,644	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	361,907	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	149,338	

benzene-d6 (IS)

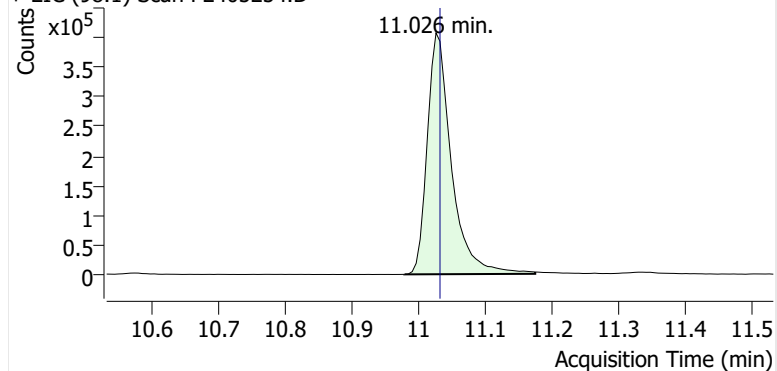


Benzene

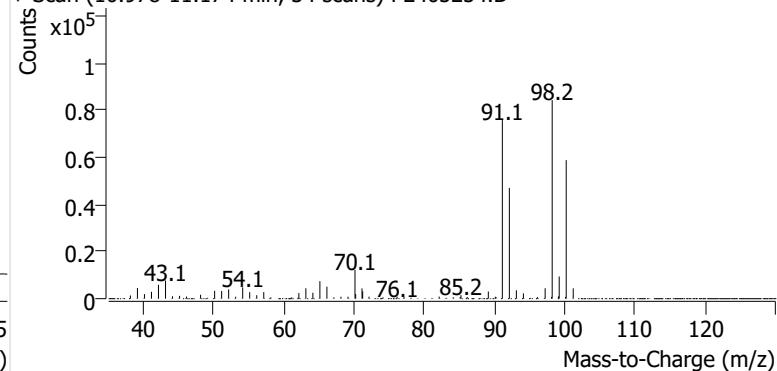


Toluene-d8 (IS)

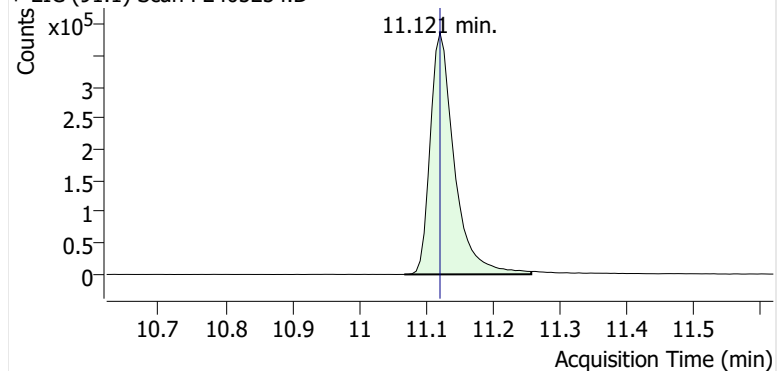
+ EIC (98.1) Scan P2405254.D



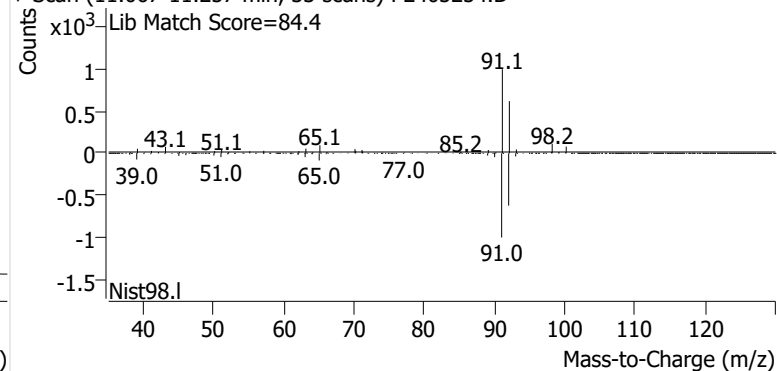
+ Scan (10.978-11.174 min, 34 scans) P2405254.D

**Toluene**

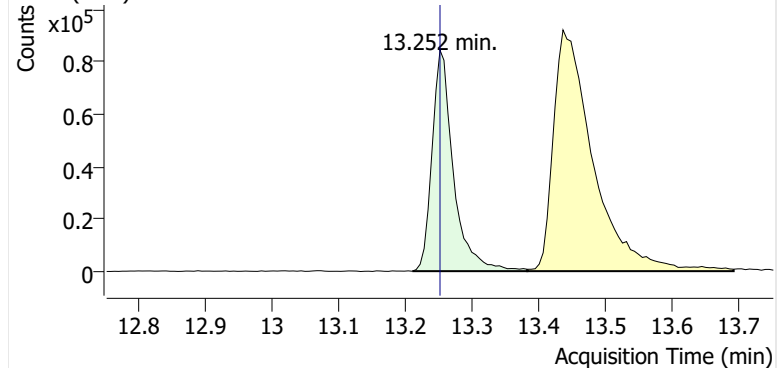
+ EIC (91.1) Scan P2405254.D



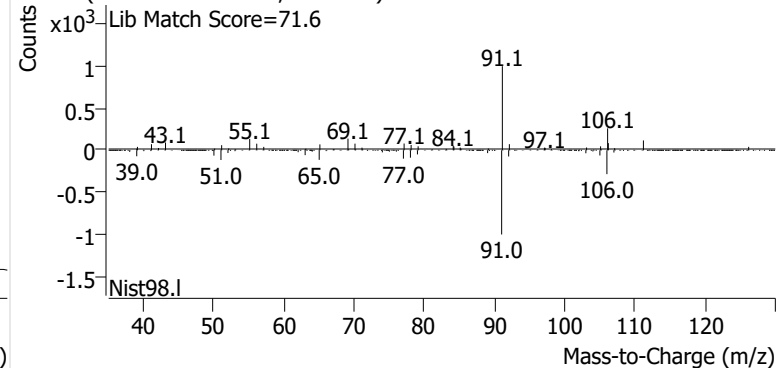
+ Scan (11.067-11.257 min, 33 scans) P2405254.D

**Ethylbenzene**

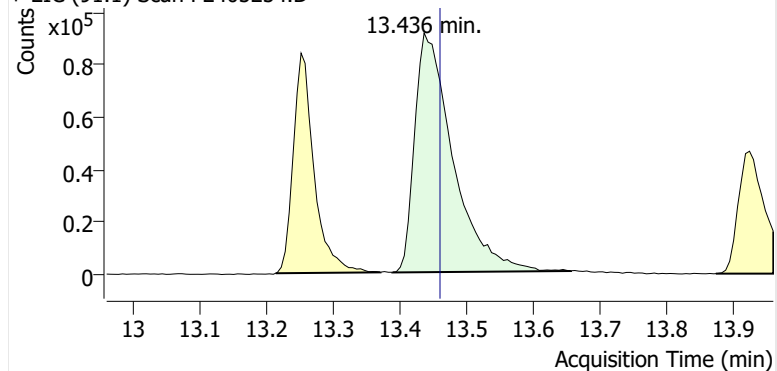
+ EIC (91.1) Scan P2405254.D



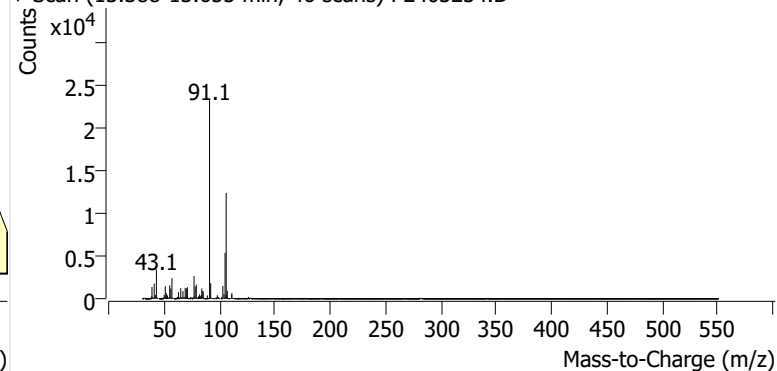
+ Scan (13.210-13.382 min, 29 scans) P2405254.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405254.D

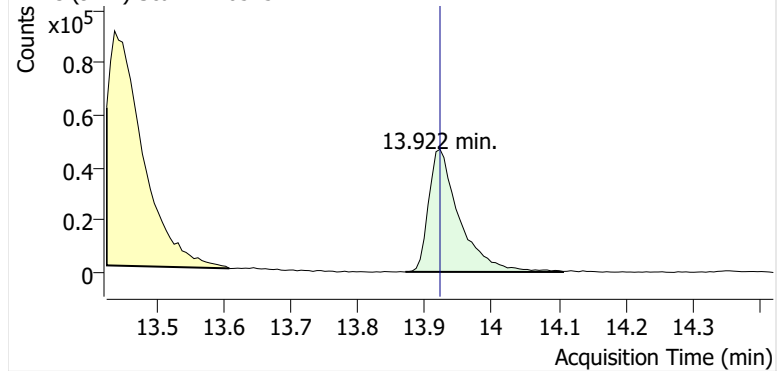


+ Scan (13.388-13.655 min, 46 scans) P2405254.D

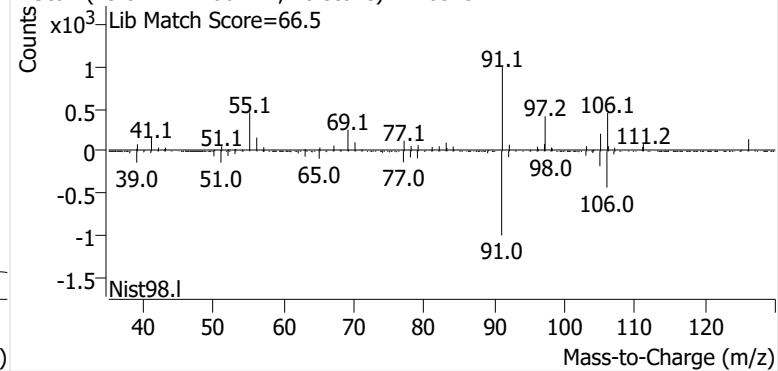


o-Xylene

+ EIC (91.1) Scan P2405254.D

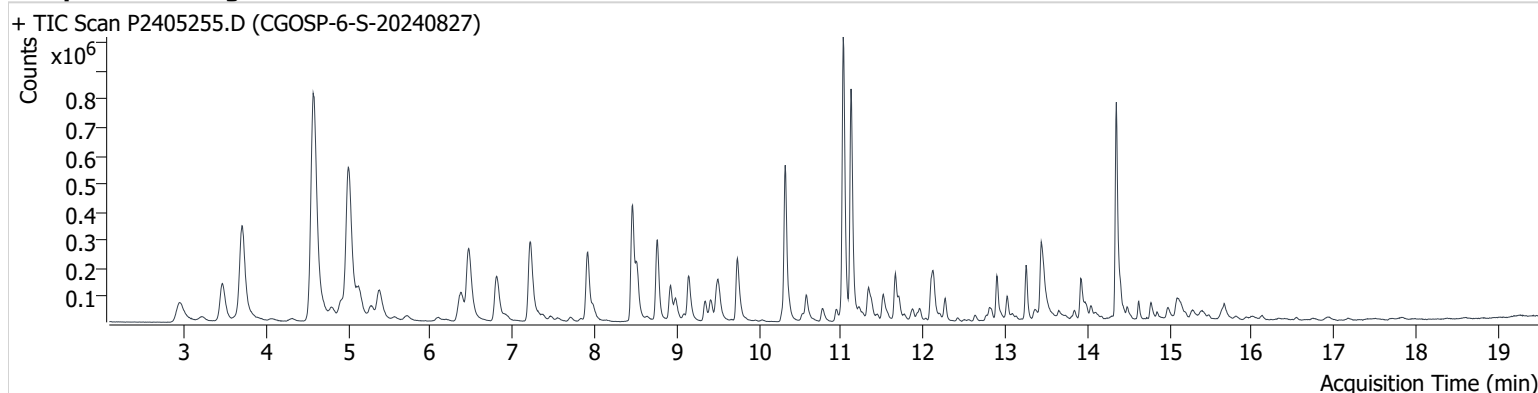


+ Scan (13.871-14.106 min, 40 scans) P2405254.D



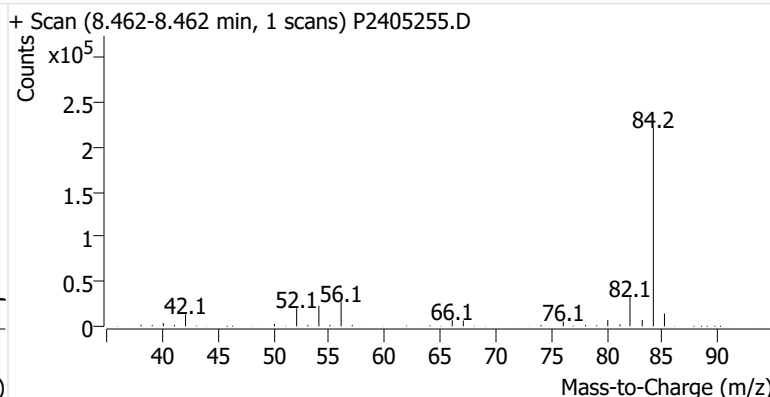
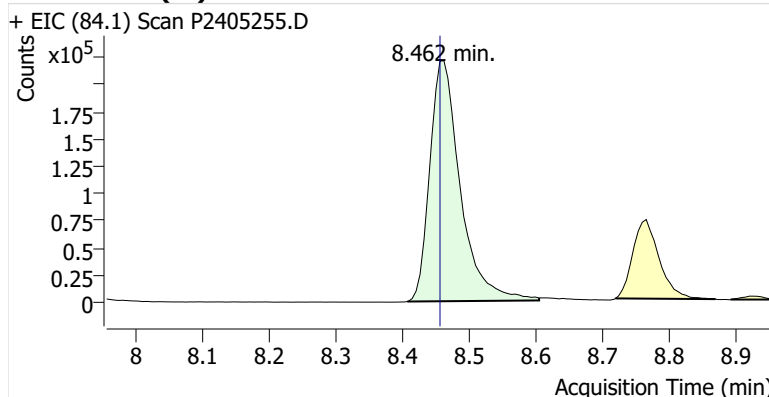
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Comment B46873
Data File P2405255.D
Acq. Date-Time 9/17/2024 11:03:43 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

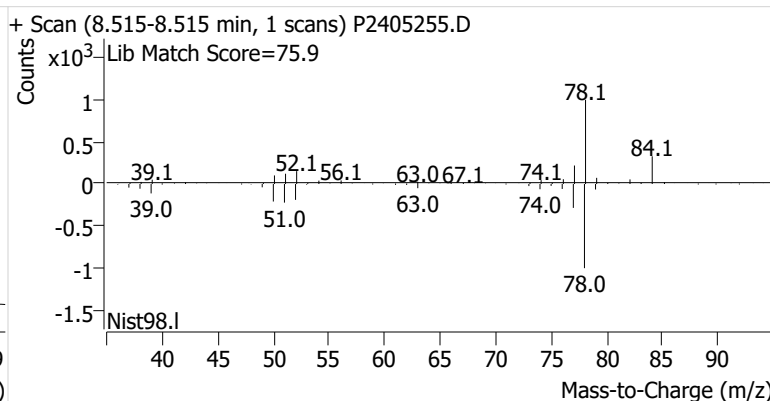
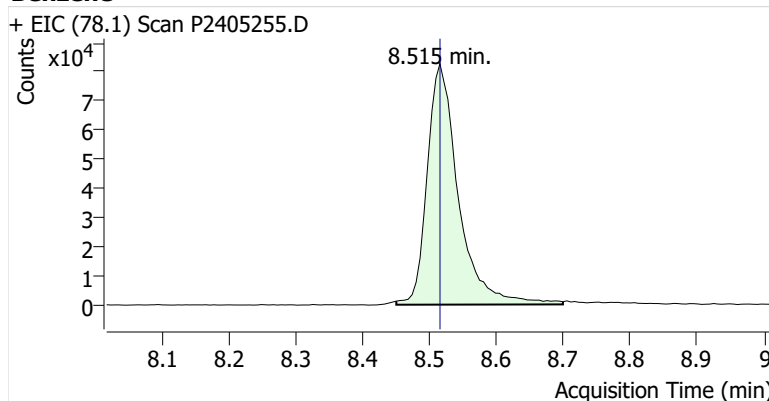


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	701,822	
Benzene	benzene-d6 (IS)	8.515	8.515	267,802	
Toluene-d8 (IS)		11.026	11.032	1,001,249	
Toluene	Toluene-d8 (IS)	11.121	11.121	871,498	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	181,532	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	378,893	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	163,915	

benzene-d6 (IS)

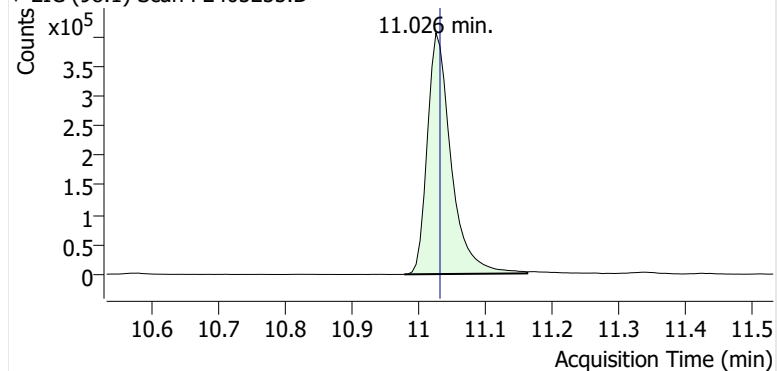


Benzene

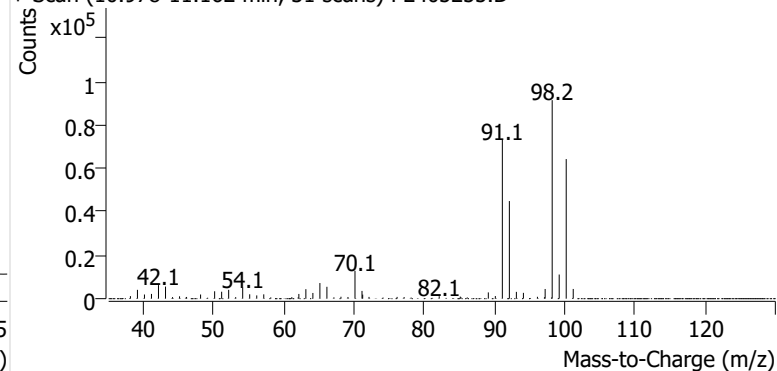


Toluene-d8 (IS)

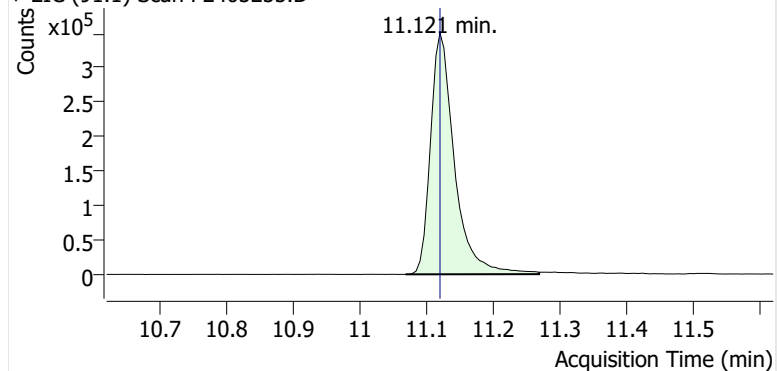
+ EIC (98.1) Scan P2405255.D



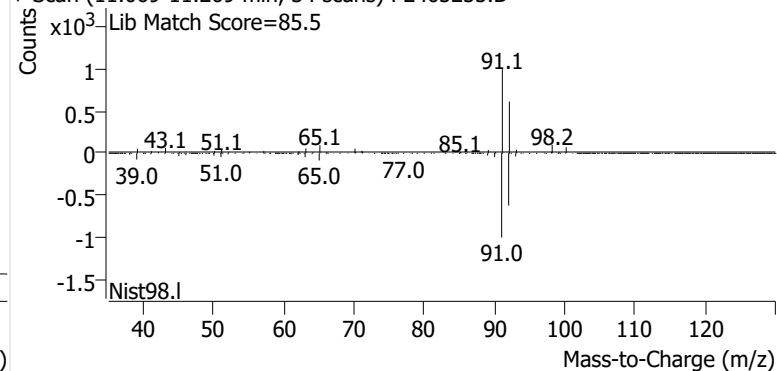
+ Scan (10.978-11.162 min, 31 scans) P2405255.D

**Toluene**

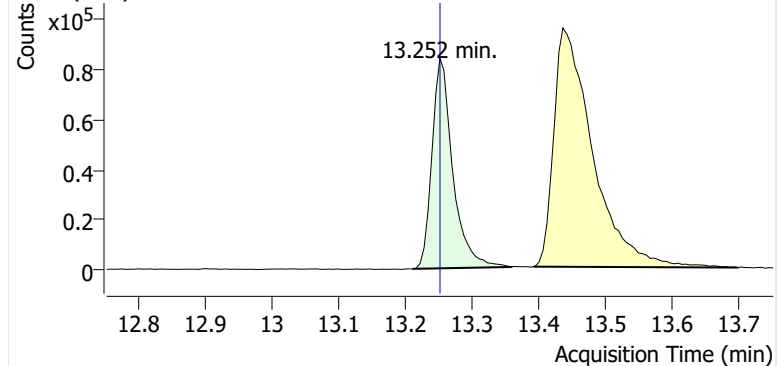
+ EIC (91.1) Scan P2405255.D



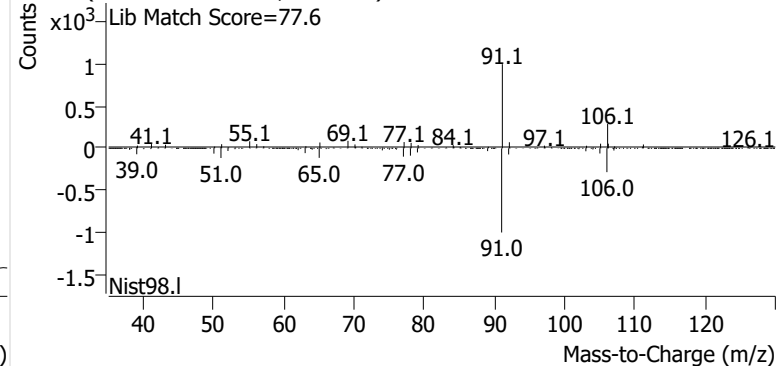
+ Scan (11.069-11.269 min, 34 scans) P2405255.D

**Ethylbenzene**

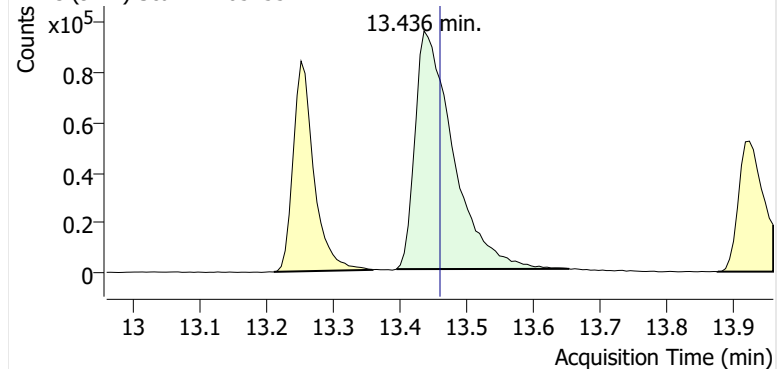
+ EIC (91.1) Scan P2405255.D



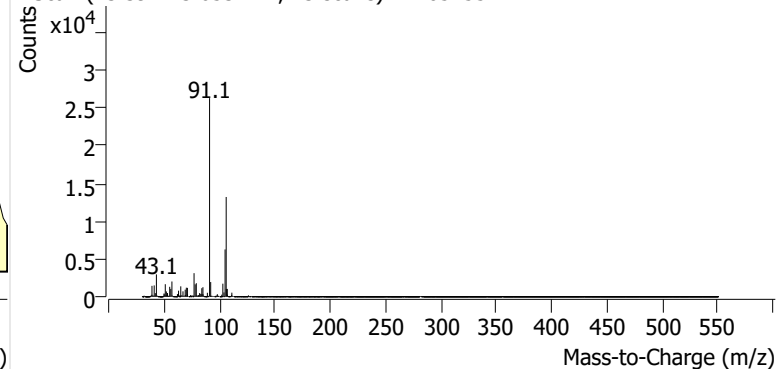
+ Scan (13.211-13.358 min, 25 scans) P2405255.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405255.D

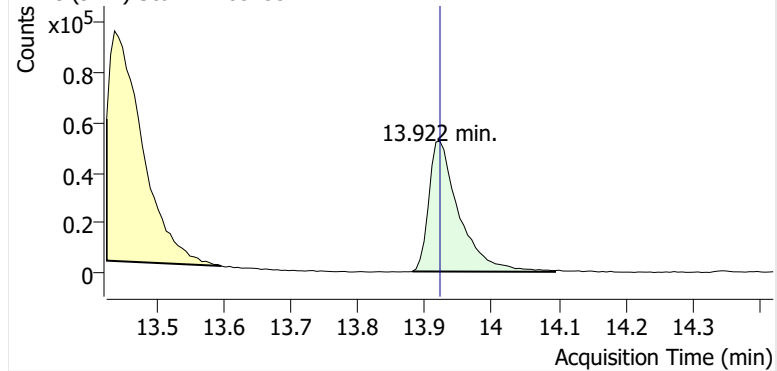


+ Scan (13.394-13.653 min, 43 scans) P2405255.D

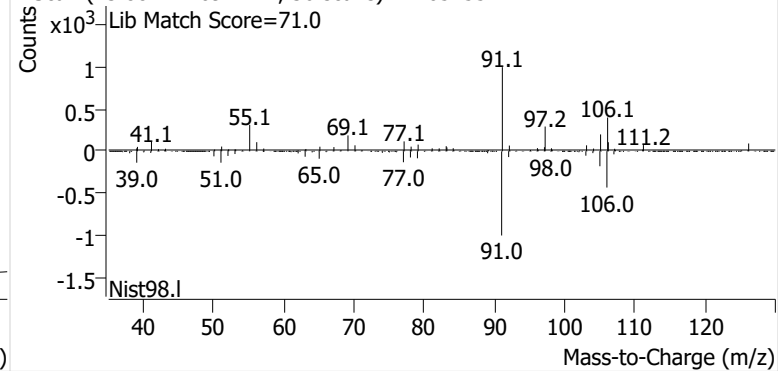


o-Xylene

+ EIC (91.1) Scan P2405255.D

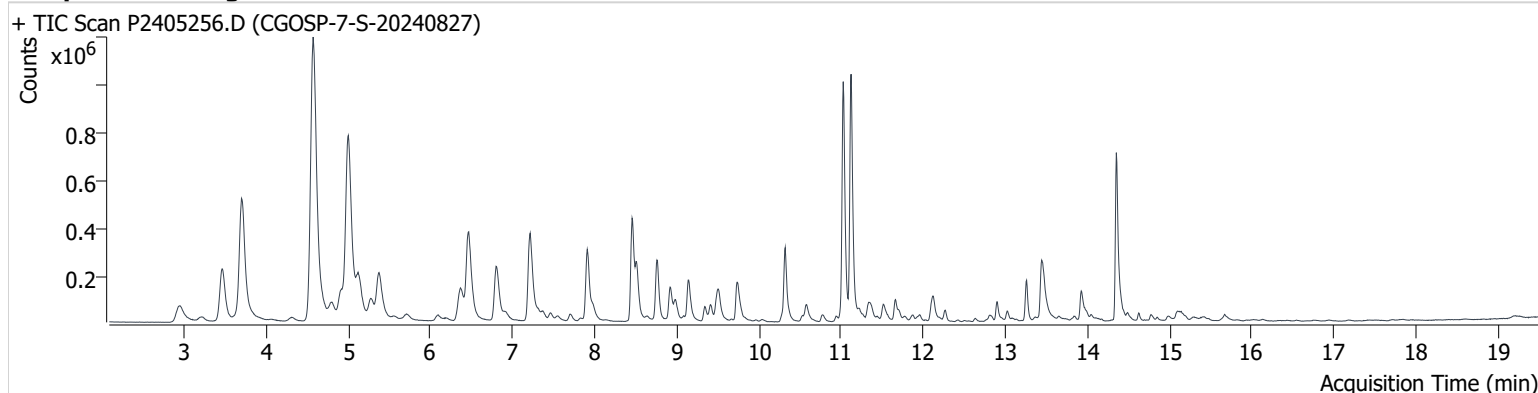


+ Scan (13.881-14.094 min, 36 scans) P2405255.D



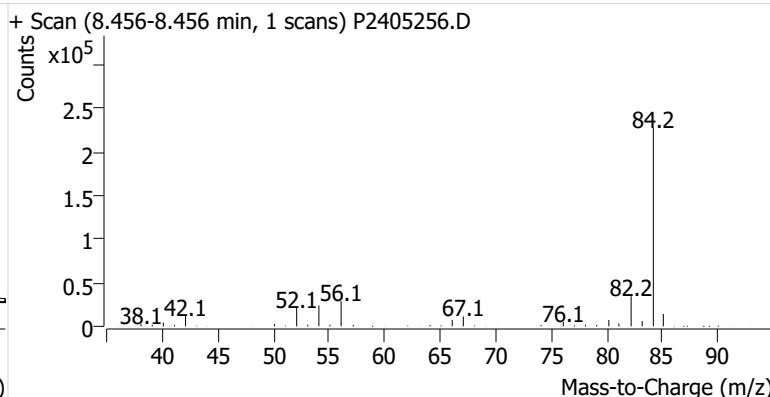
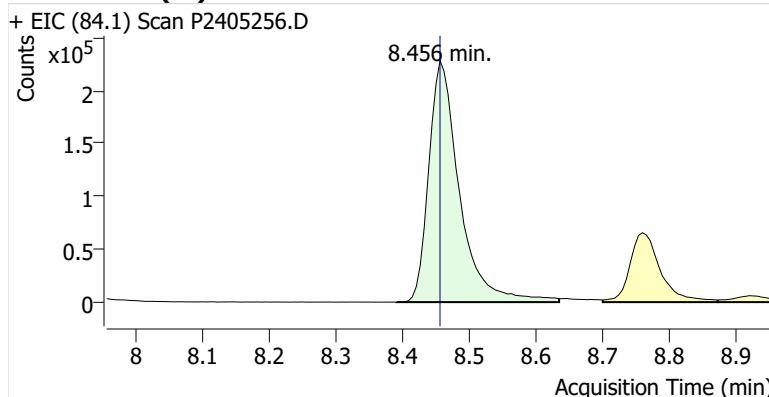
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Comment C01661
Data File P2405256.D
Acq. Date-Time 9/17/2024 11:41:34 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

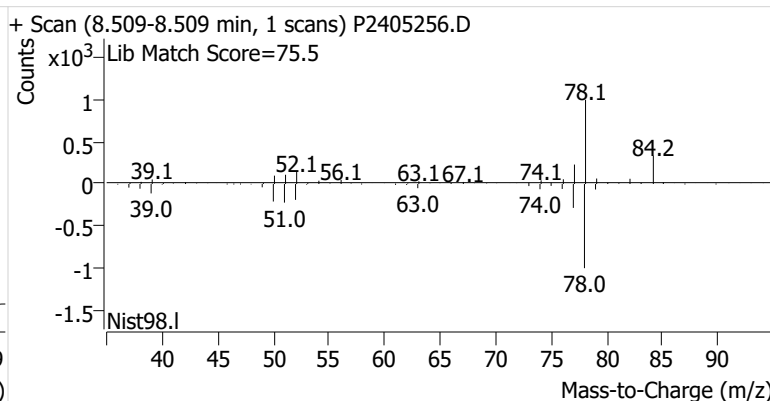
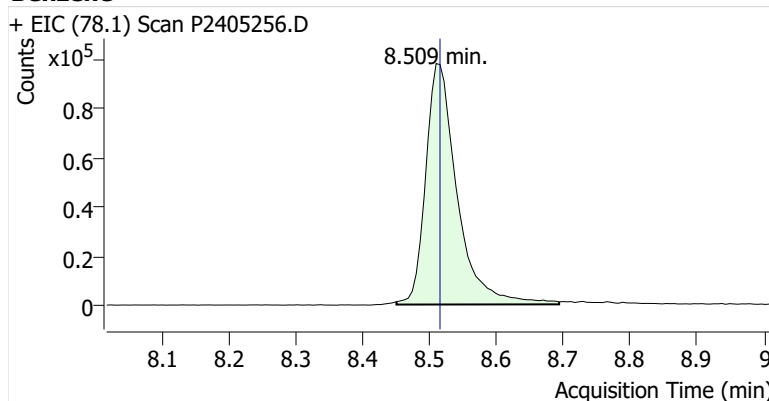


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	726,923	
Benzene	benzene-d6 (IS)	8.509	8.515	321,379	
Toluene-d8 (IS)		11.026	11.032	1,012,946	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,138,057	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	173,501	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	391,718	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	159,555	

benzene-d6 (IS)

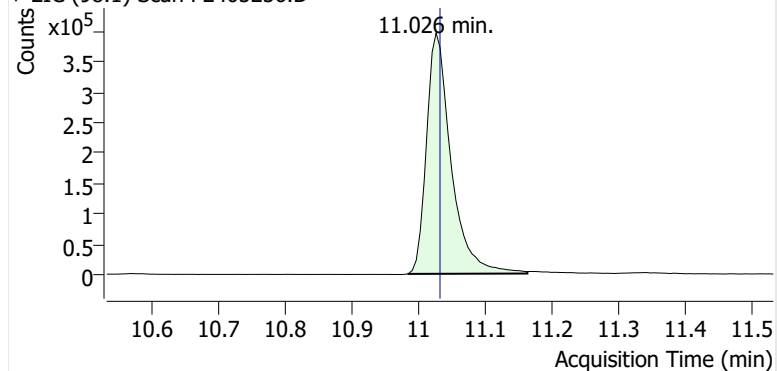


Benzene

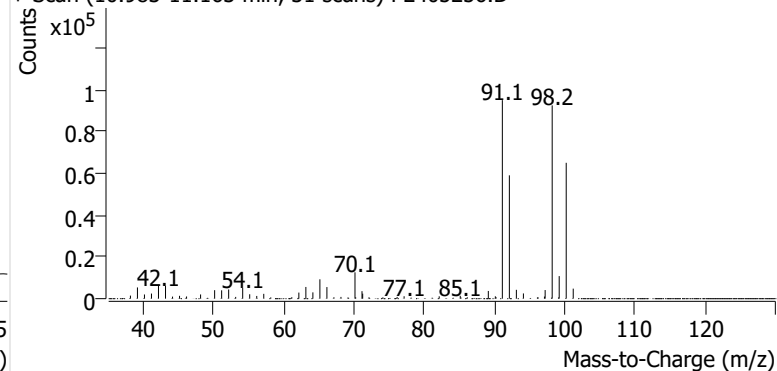


Toluene-d8 (IS)

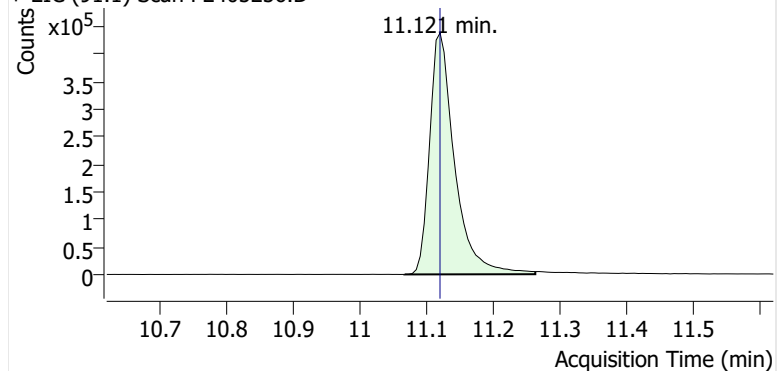
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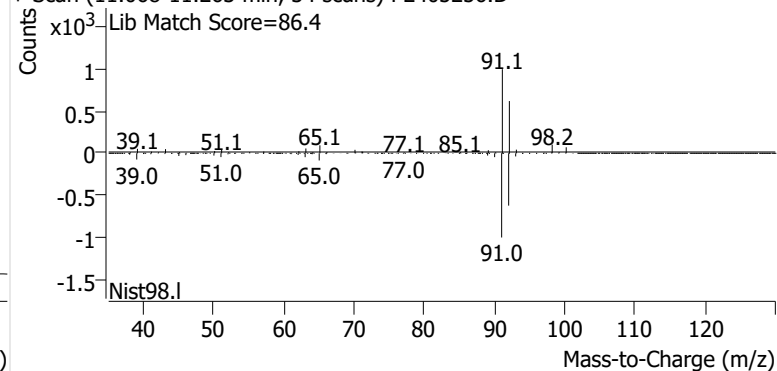
+ Scan (10.983-11.163 min, 31 scans) P2405256.D

**Toluene**

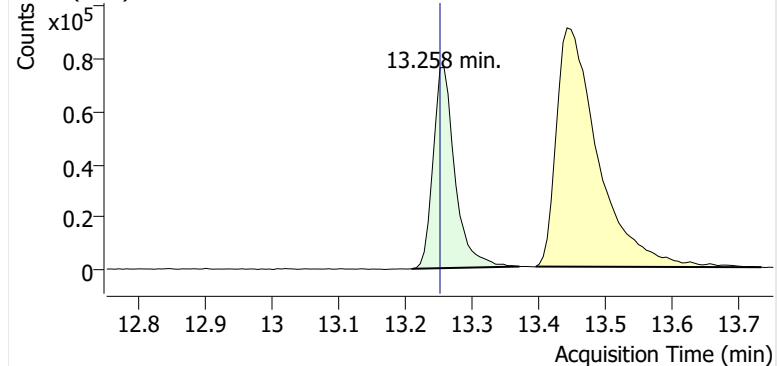
+ EIC (91.1) Scan P2405256.D



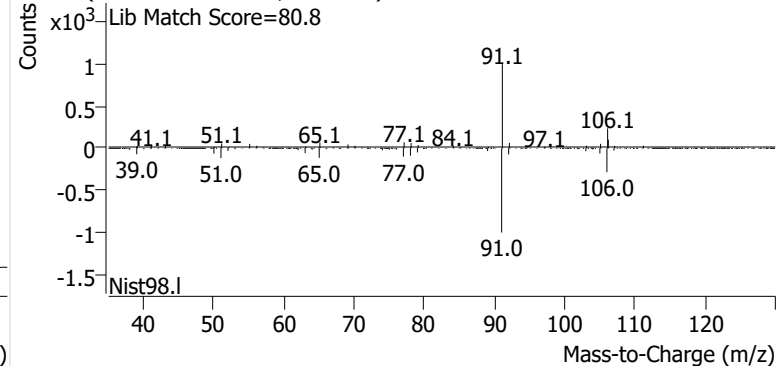
+ Scan (11.068-11.263 min, 34 scans) P2405256.D

**Ethylbenzene**

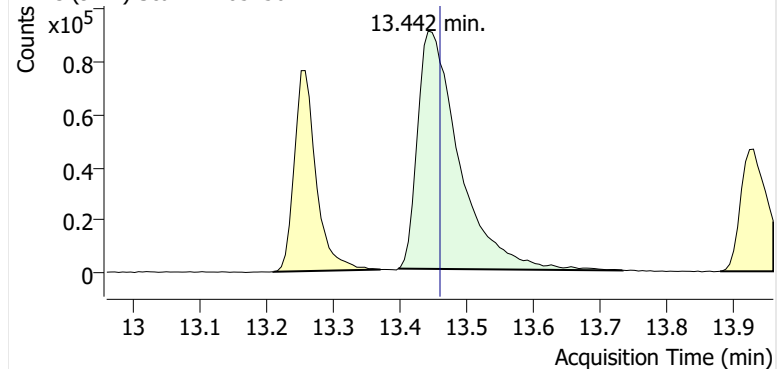
+ EIC (91.1) Scan P2405256.D



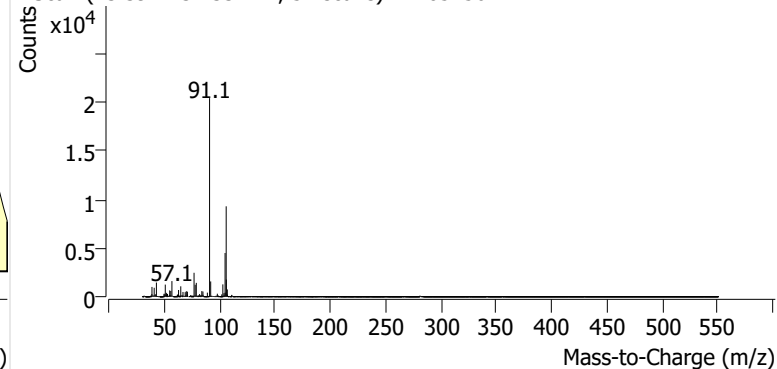
+ Scan (13.210-13.370 min, 28 scans) P2405256.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405256.D

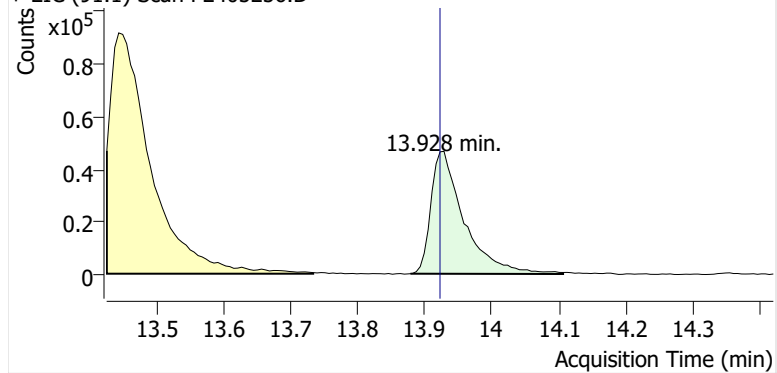


+ Scan (13.397-13.733 min, 57 scans) P2405256.D

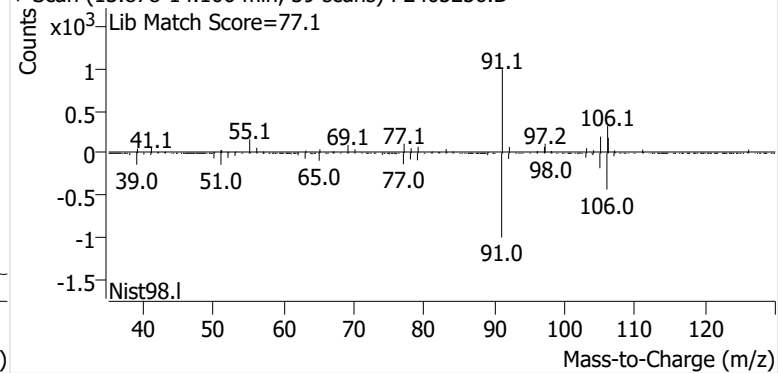


o-Xylene

+ EIC (91.1) Scan P2405256.D

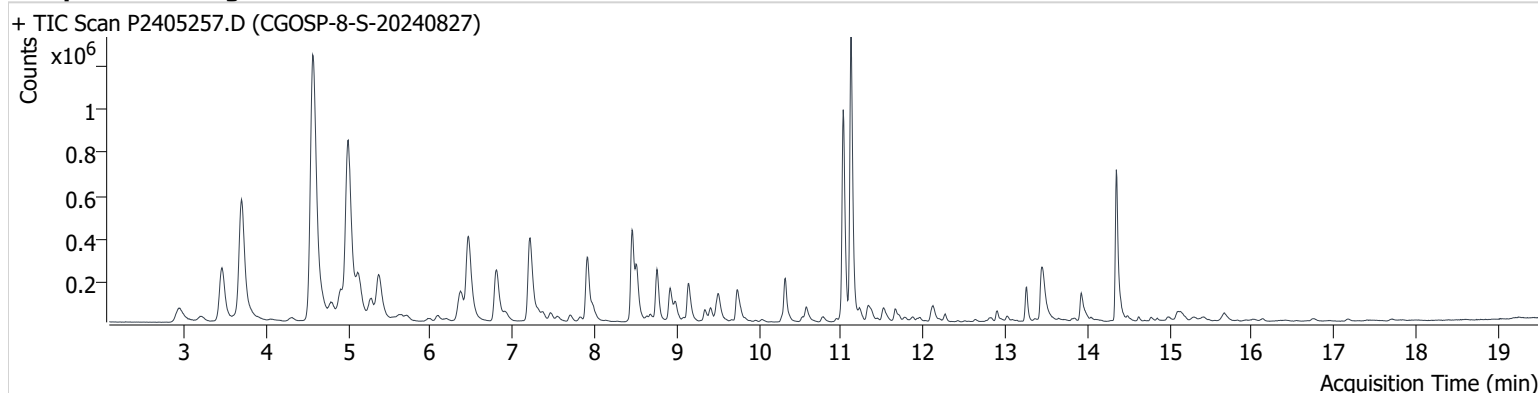


+ Scan (13.878-14.106 min, 39 scans) P2405256.D



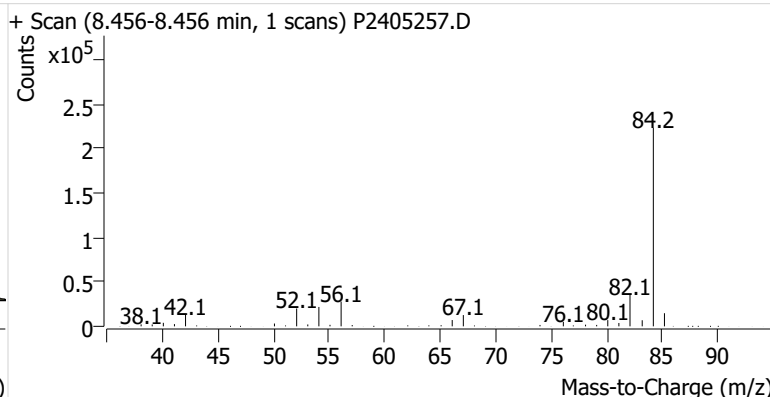
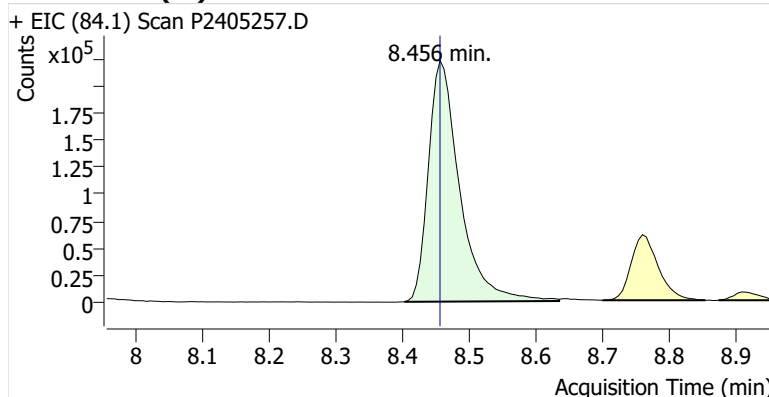
Name CGOSP-8-S-20240827
Comment C20468
Data File P2405257.D
Acq. Date-Time 9/18/2024 12:19:27 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

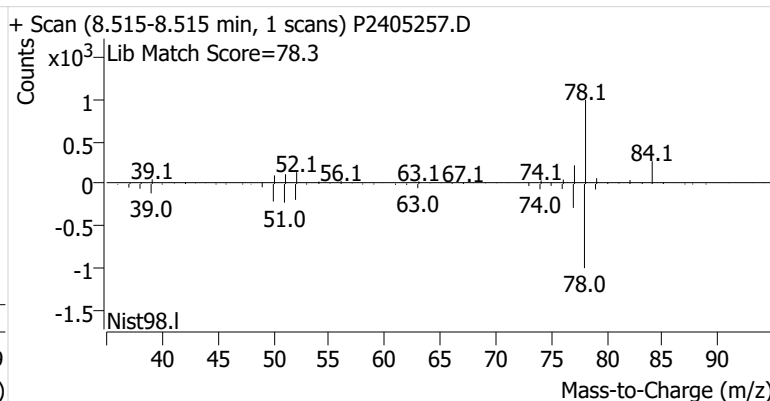
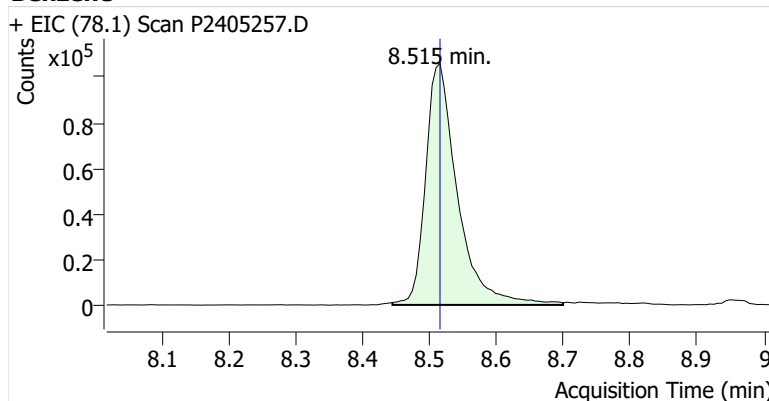


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	725,611	
Benzene	benzene-d6 (IS)	8.515	8.515	350,158	
Toluene-d8 (IS)		11.026	11.032	1,027,719	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,507,085	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	174,908	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	418,871	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	163,885	

benzene-d6 (IS)

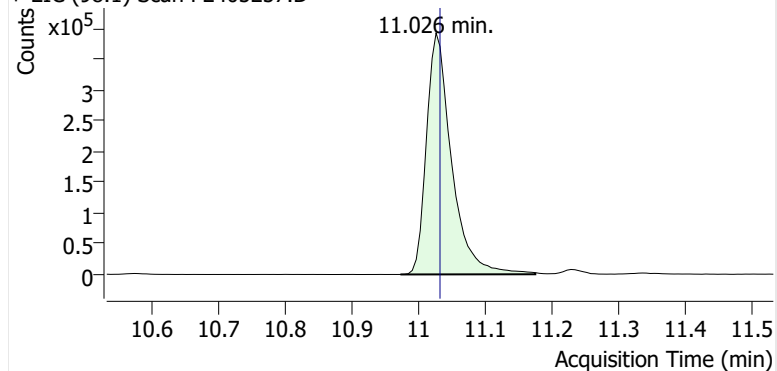


Benzene

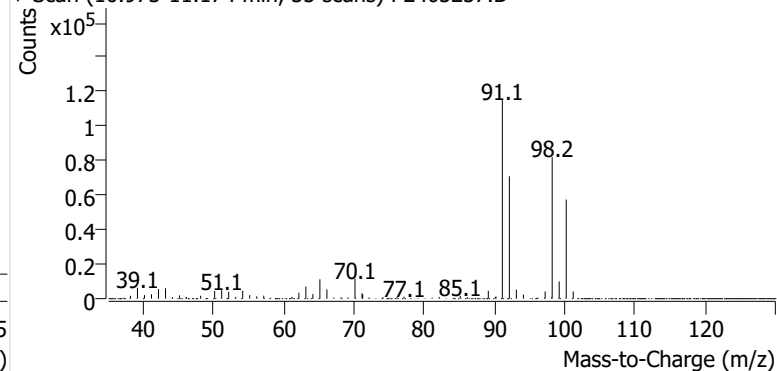


Toluene-d8 (IS)

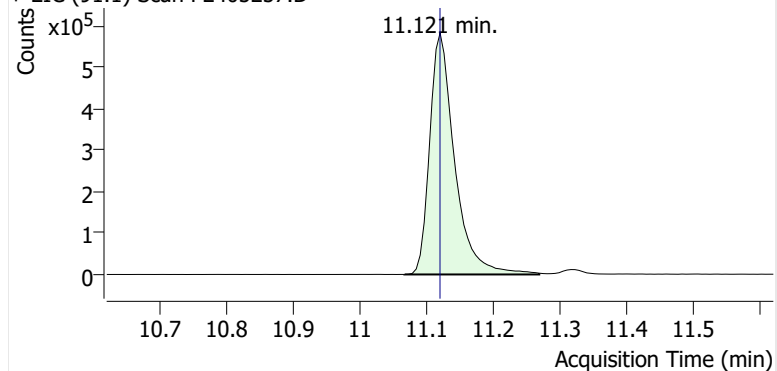
+ EIC (98.1) Scan P2405257.D



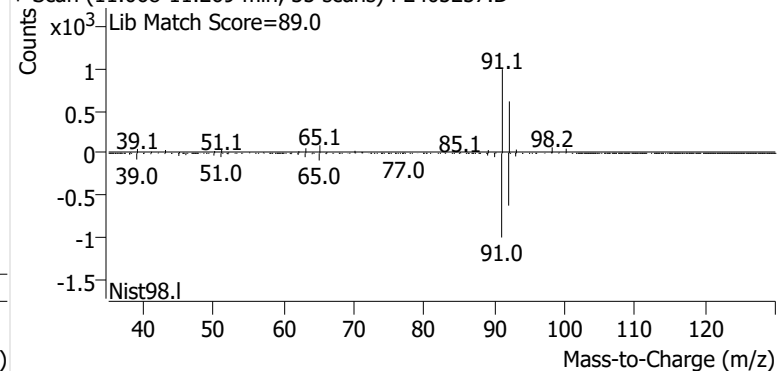
+ Scan (10.973-11.174 min, 35 scans) P2405257.D

**Toluene**

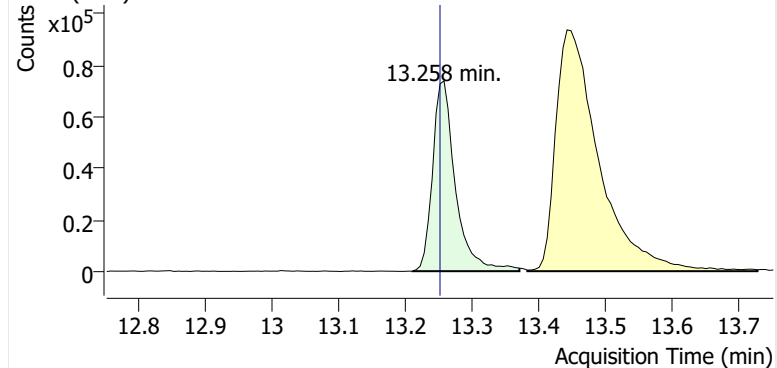
+ EIC (91.1) Scan P2405257.D



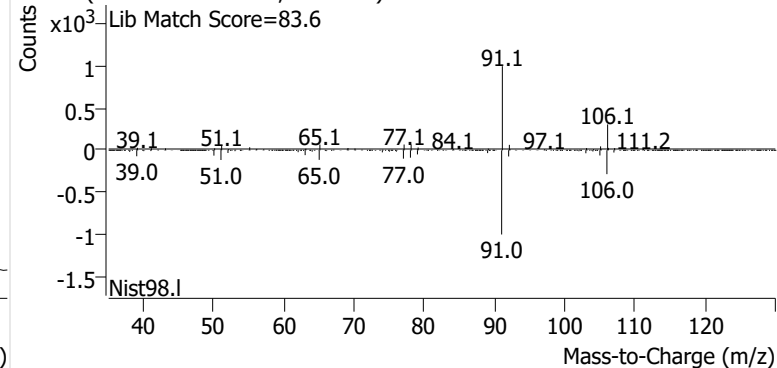
+ Scan (11.068-11.269 min, 35 scans) P2405257.D

**Ethylbenzene**

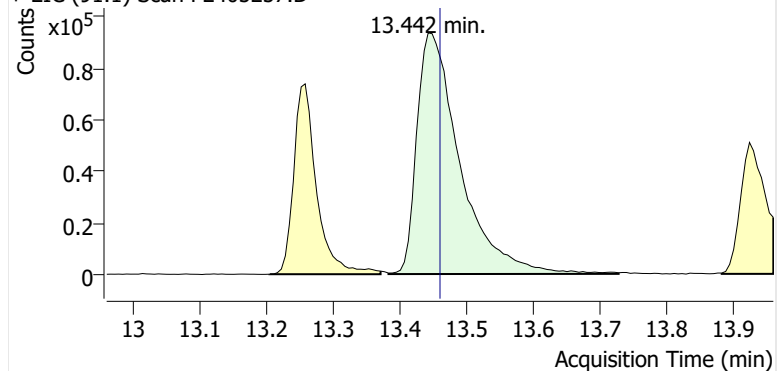
+ EIC (91.1) Scan P2405257.D



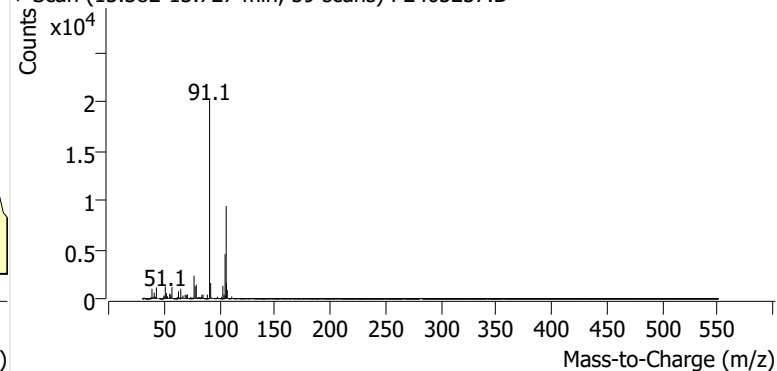
+ Scan (13.210-13.370 min, 28 scans) P2405257.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405257.D

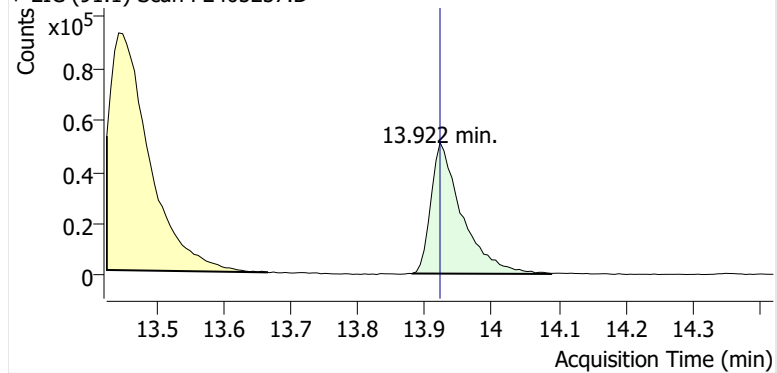


+ Scan (13.382-13.727 min, 59 scans) P2405257.D

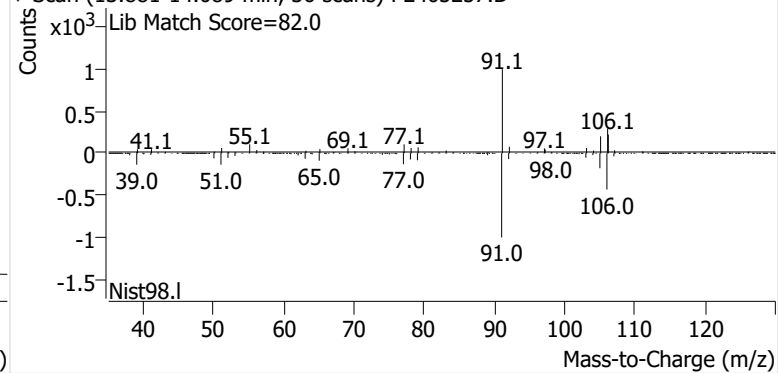


o-Xylene

+ EIC (91.1) Scan P2405257.D

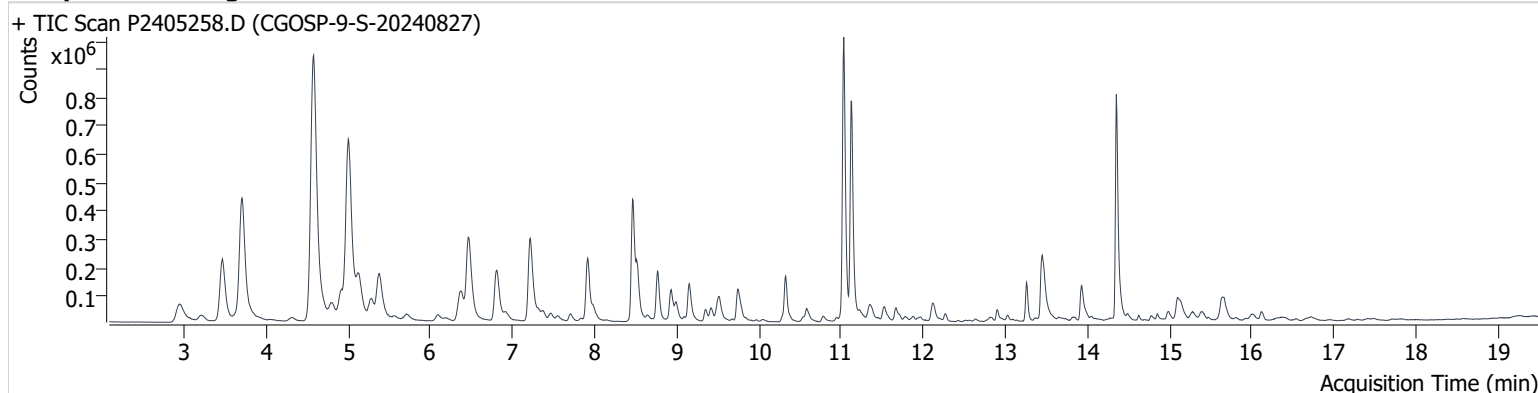


+ Scan (13.881-14.089 min, 36 scans) P2405257.D



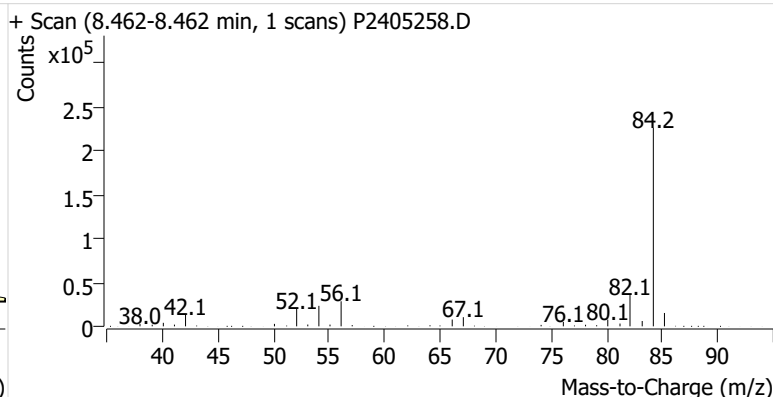
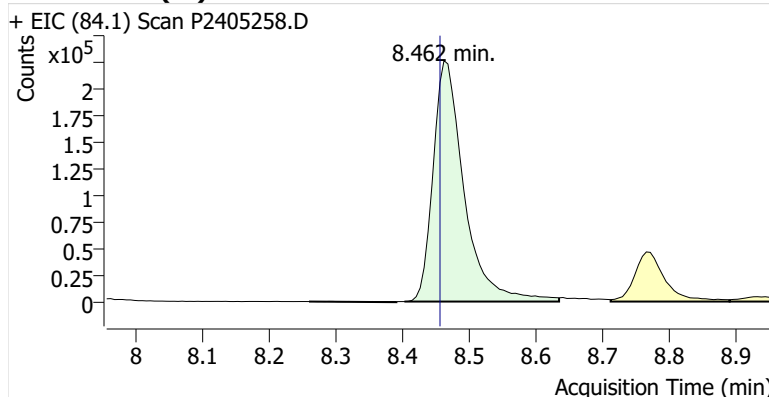
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Comment C20511
Data File P2405258.D
Acq. Date-Time 9/18/2024 12:57:17 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

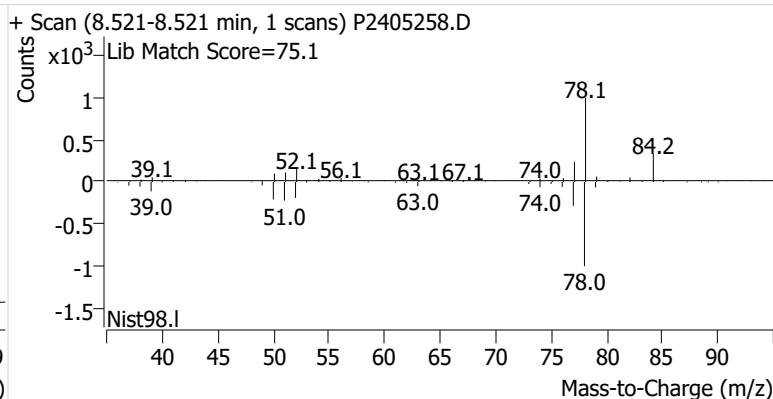
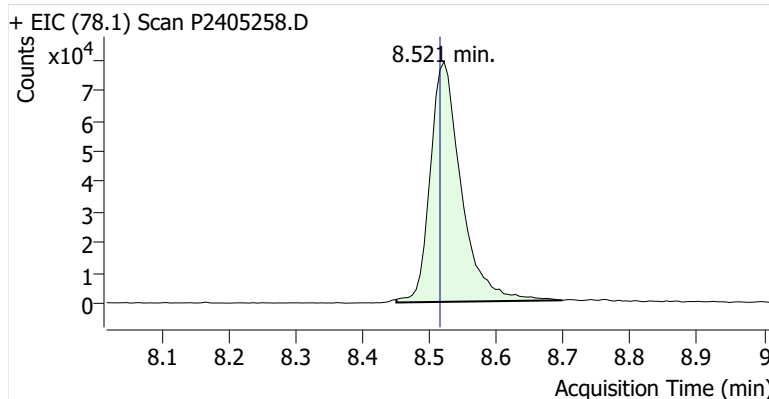


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	730,732	
Benzene	benzene-d6 (IS)	8.521	8.515	254,310	
Toluene-d8 (IS)		11.032	11.032	1,037,597	
Toluene	Toluene-d8 (IS)	11.121	11.121	864,971	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	135,126	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	339,733	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	154,601	

benzene-d6 (IS)

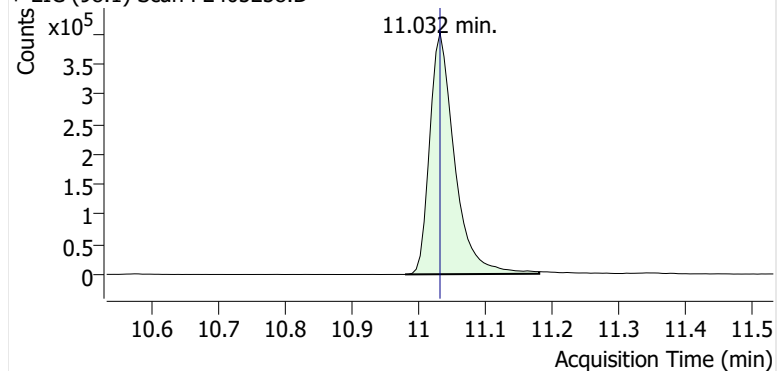


Benzene

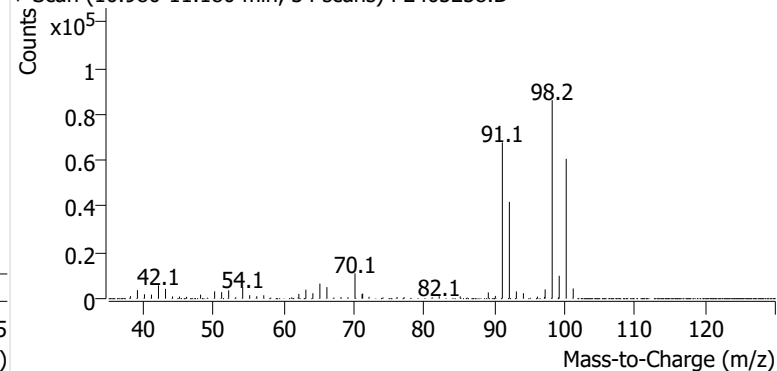


Toluene-d8 (IS)

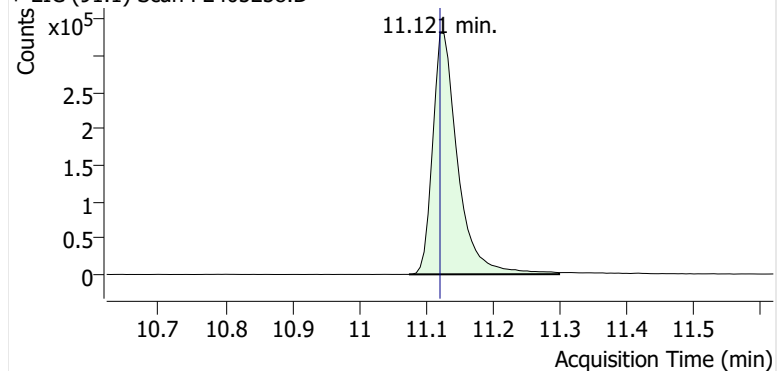
+ EIC (98.1) Scan P2405258.D



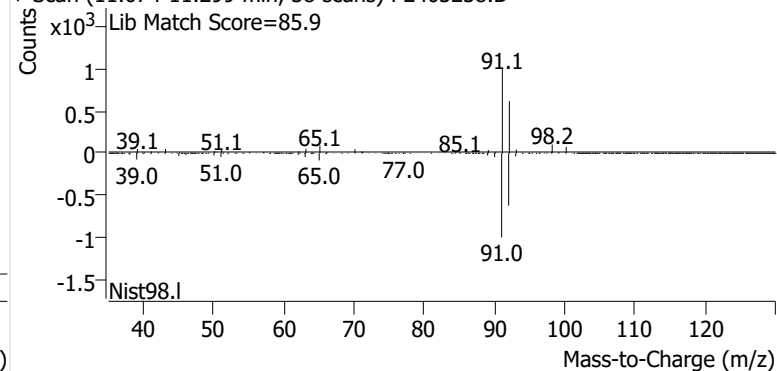
+ Scan (10.980-11.180 min, 34 scans) P2405258.D

**Toluene**

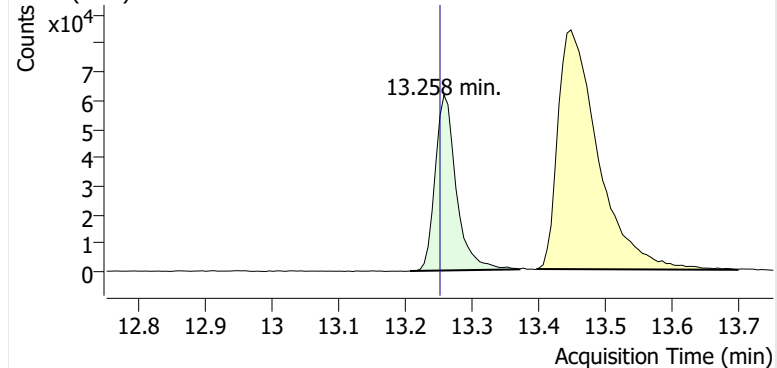
+ EIC (91.1) Scan P2405258.D



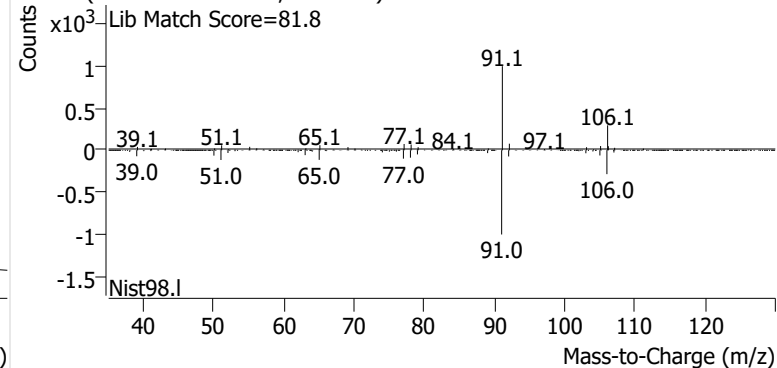
+ Scan (11.074-11.299 min, 38 scans) P2405258.D

**Ethylbenzene**

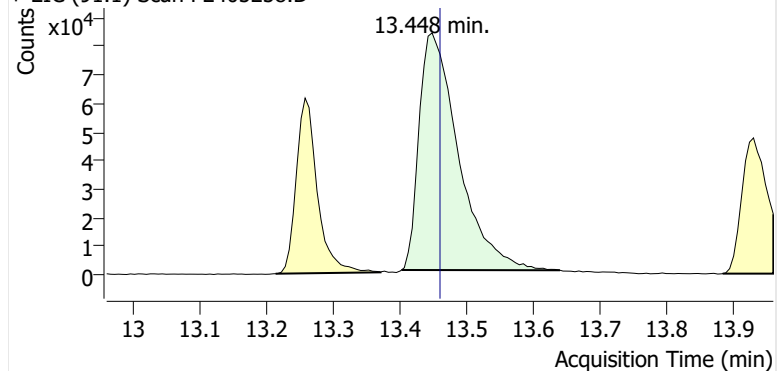
+ EIC (91.1) Scan P2405258.D



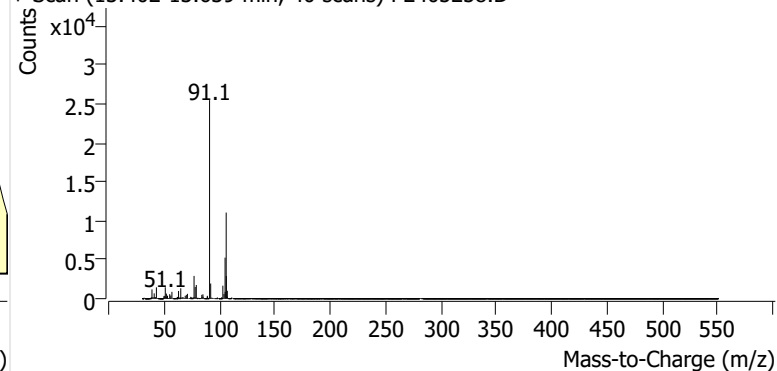
+ Scan (13.207-13.370 min, 28 scans) P2405258.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405258.D

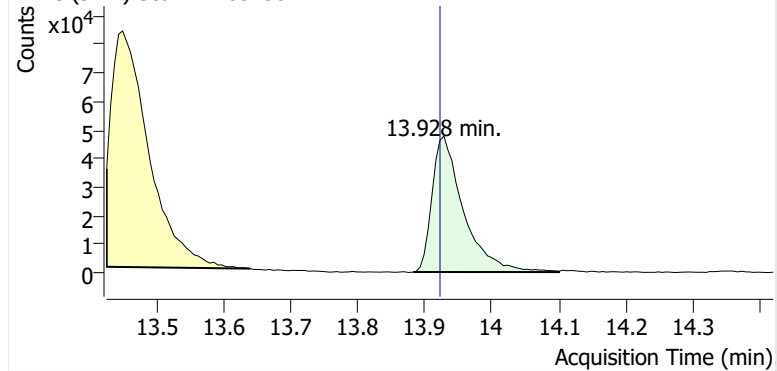


+ Scan (13.402-13.639 min, 40 scans) P2405258.D

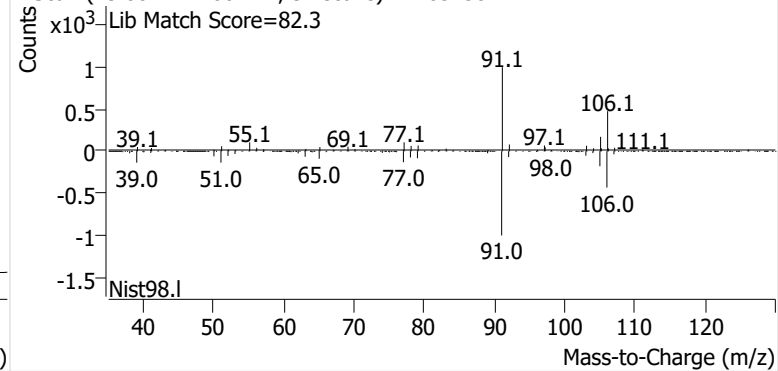


o-Xylene

+ EIC (91.1) Scan P2405258.D

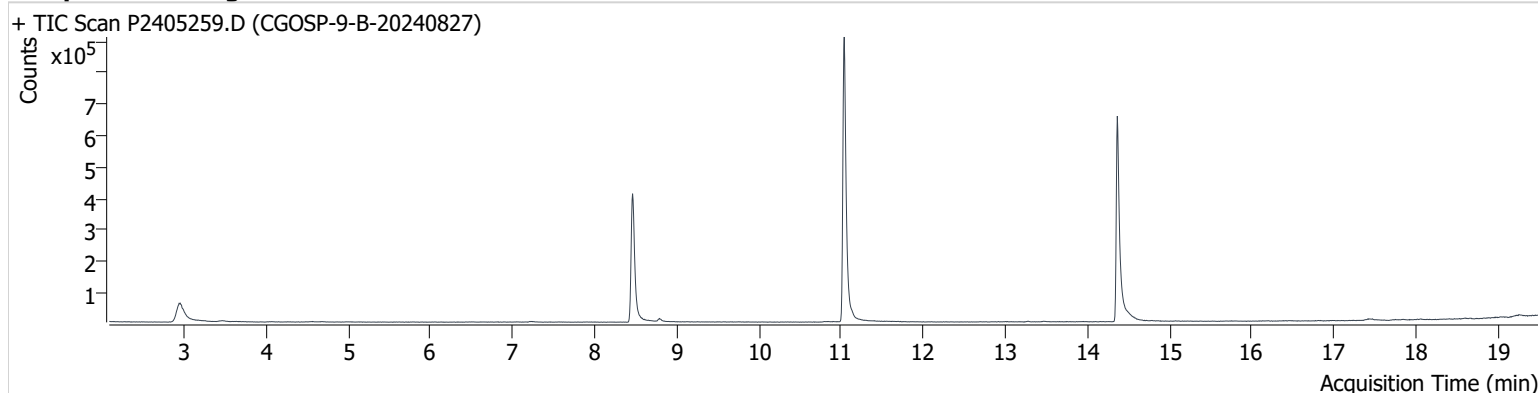


+ Scan (13.882-14.100 min, 37 scans) P2405258.D



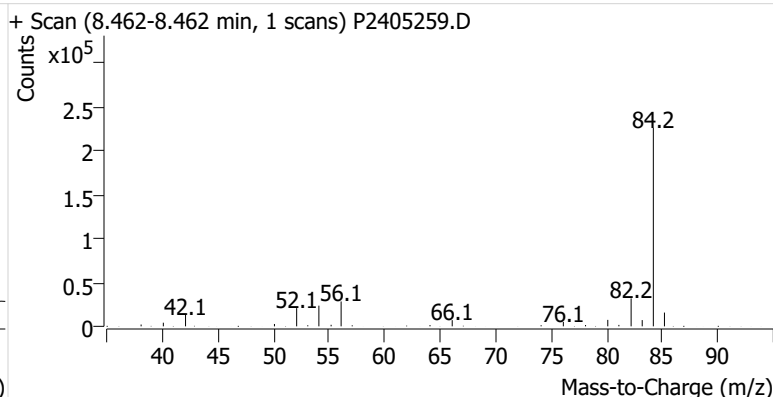
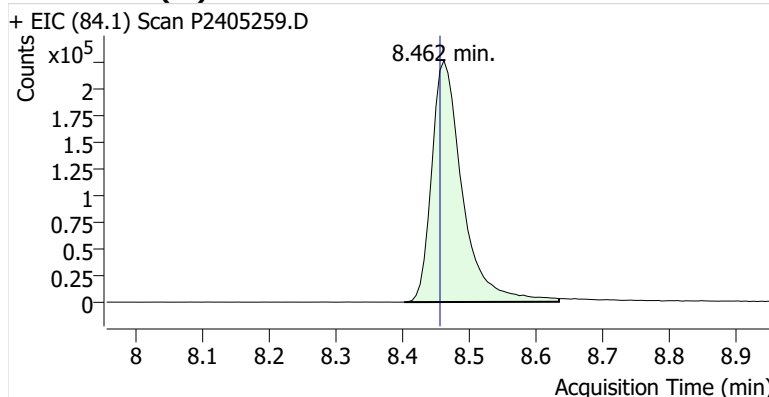
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Comment B38435
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Acq. Date-Time 9/18/2024 1:35:10 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

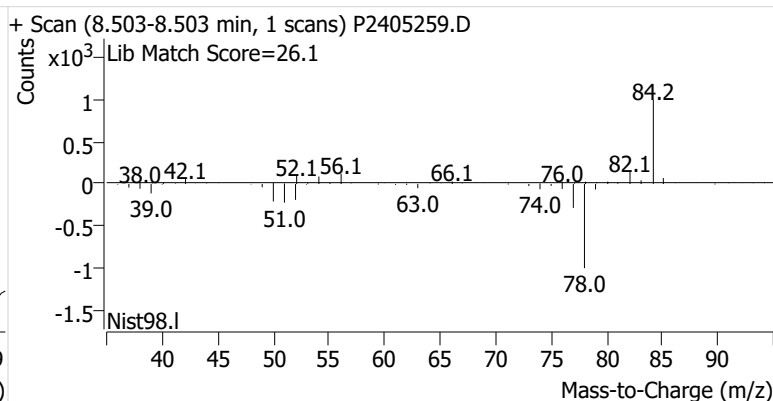
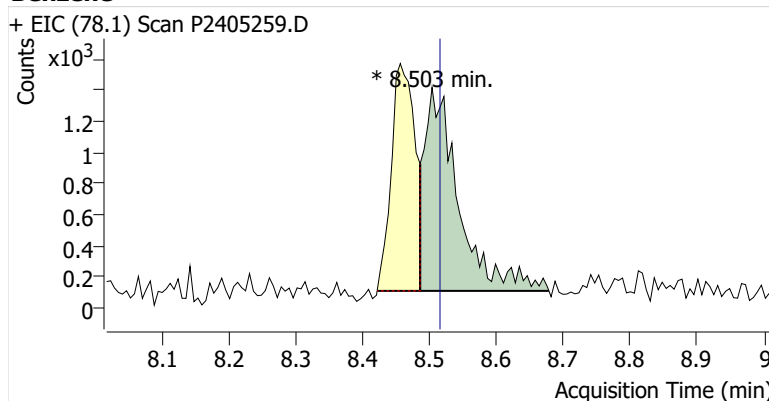


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	719,372	
Benzene	benzene-d6 (IS)	8.503	8.515	4,673	m
Toluene-d8 (IS)		11.038	11.032	1,022,151	
Toluene	Toluene-d8 (IS)	11.127	11.121	11,821	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	1,929	
m-/p-Xylene	Toluene-d8 (IS)	13.477	13.459	2,368	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	530	

benzene-d6 (IS)

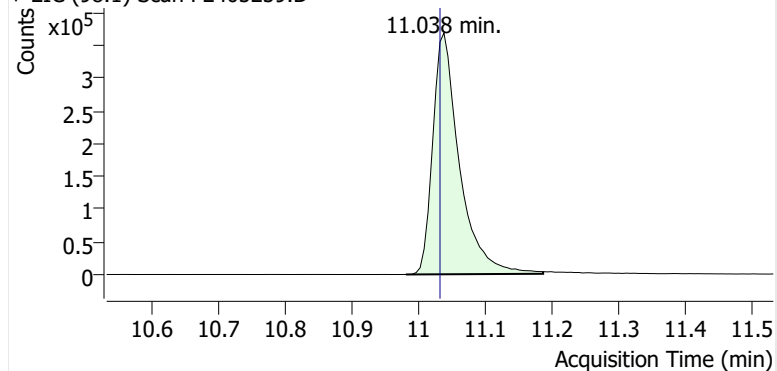


Benzene

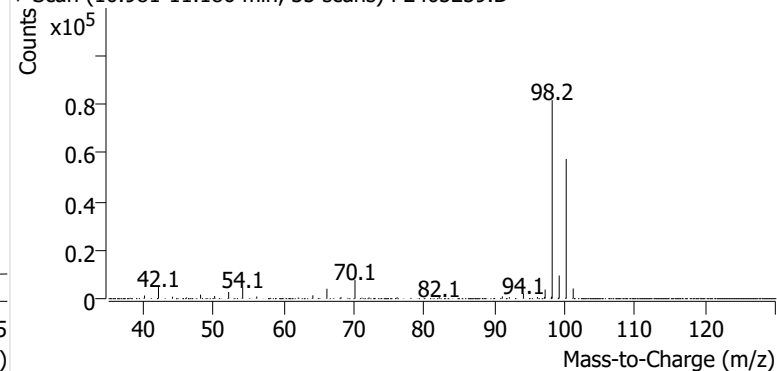


Toluene-d8 (IS)

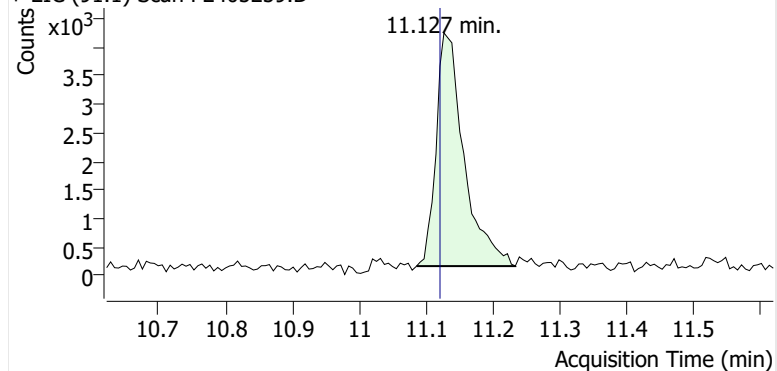
+ EIC (98.1) Scan P2405259.D



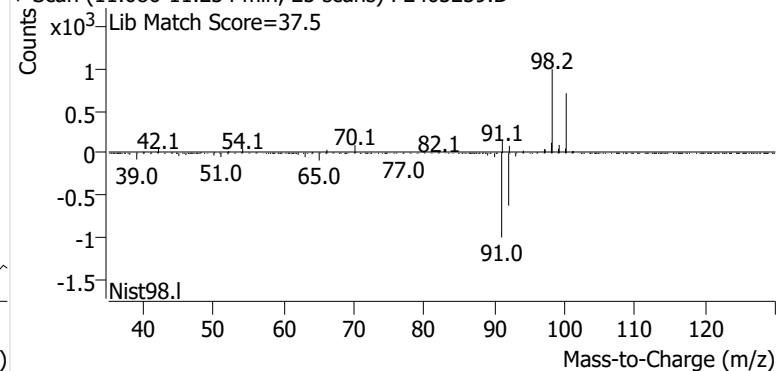
+ Scan (10.981-11.186 min, 35 scans) P2405259.D

**Toluene**

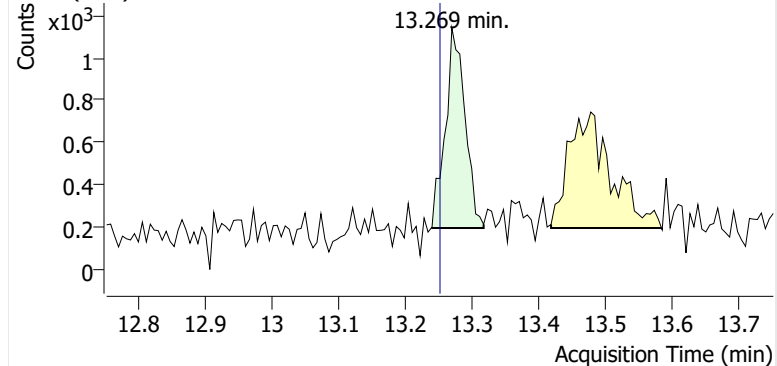
+ EIC (91.1) Scan P2405259.D



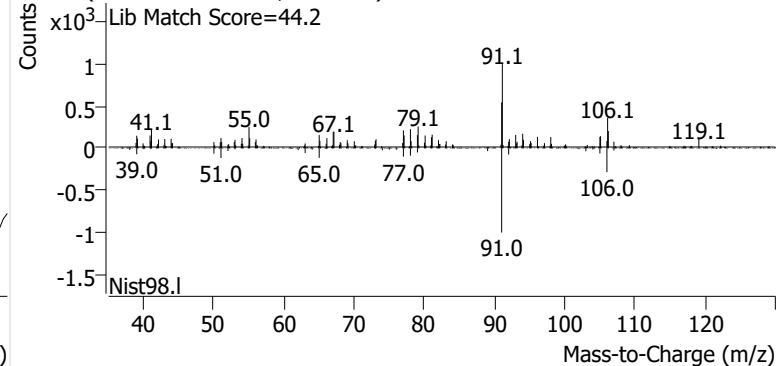
+ Scan (11.086-11.234 min, 25 scans) P2405259.D

**Ethylbenzene**

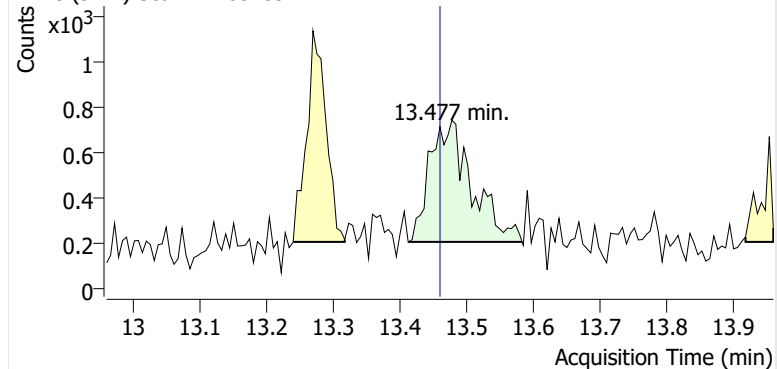
+ EIC (91.1) Scan P2405259.D



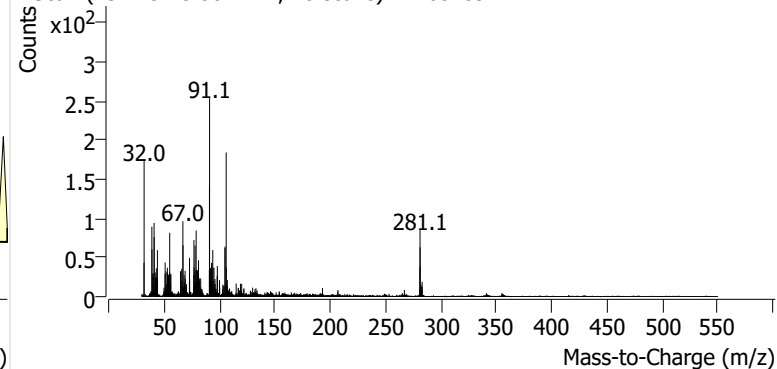
+ Scan (13.238-13.317 min, 14 scans) P2405259.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405259.D

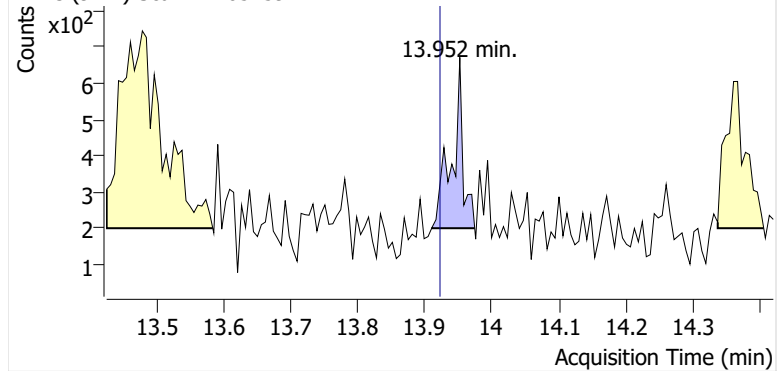


+ Scan (13.413-13.582 min, 28 scans) P2405259.D

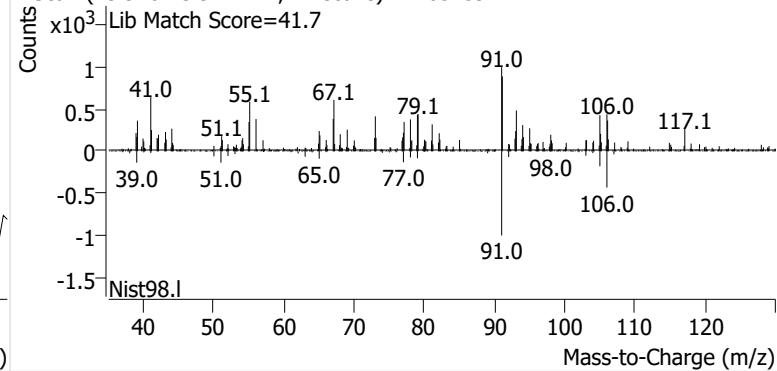


o-Xylene

+ EIC (91.1) Scan P2405259.D

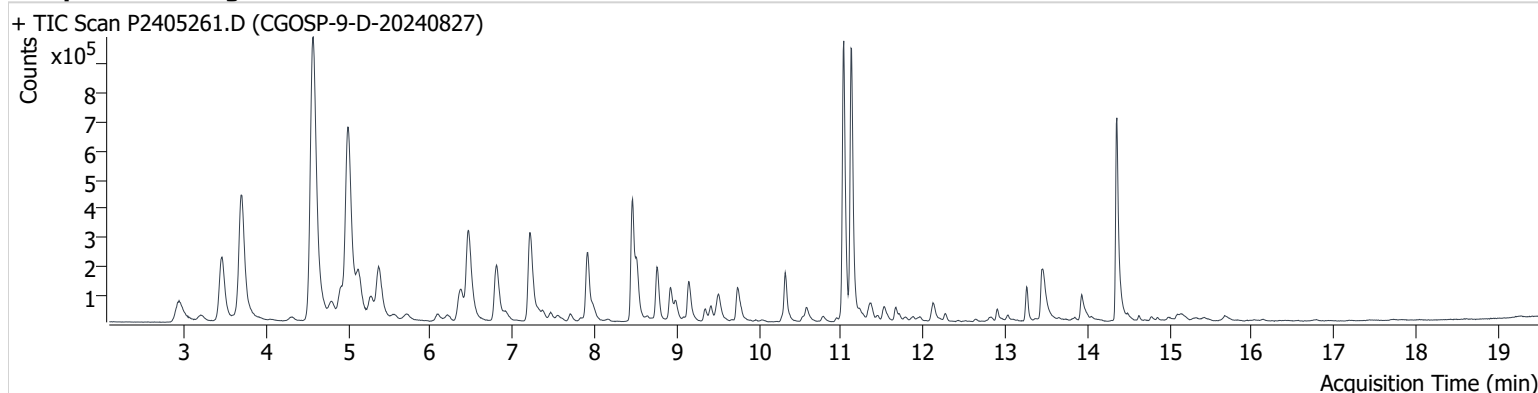


+ Scan (13.910-13.974 min, 11 scans) P2405259.D



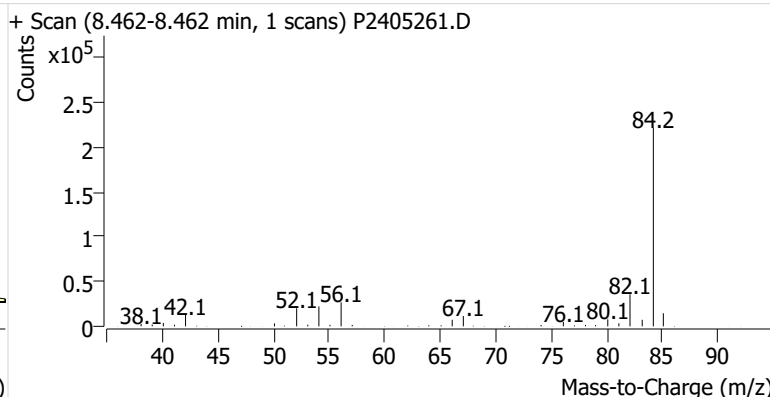
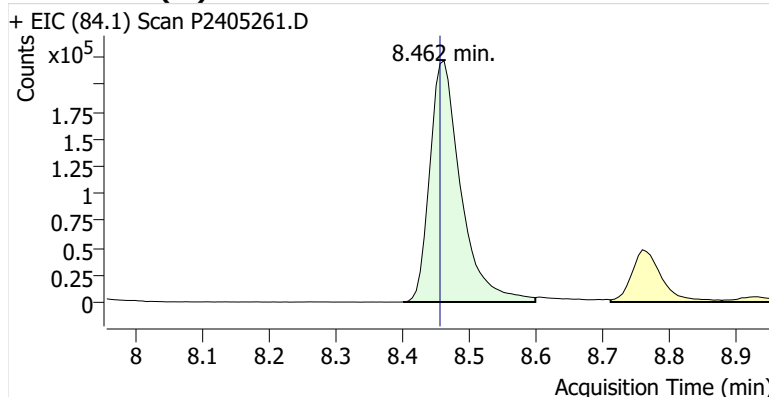
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Comment B37568
Data File P2405261.D
Acq. Date-Time 9/18/2024 2:50:53 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

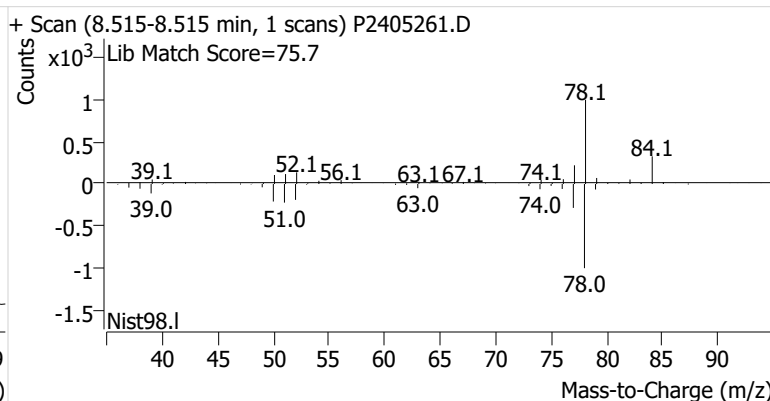
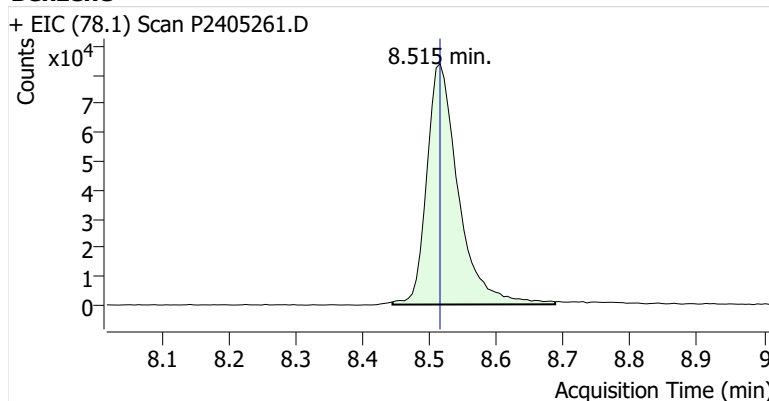


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,113	
Benzene	benzene-d6 (IS)	8.515	8.515	274,712	
Toluene-d8 (IS)		11.032	11.032	1,022,258	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,092,550	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	128,445	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	308,306	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	118,982	

benzene-d6 (IS)

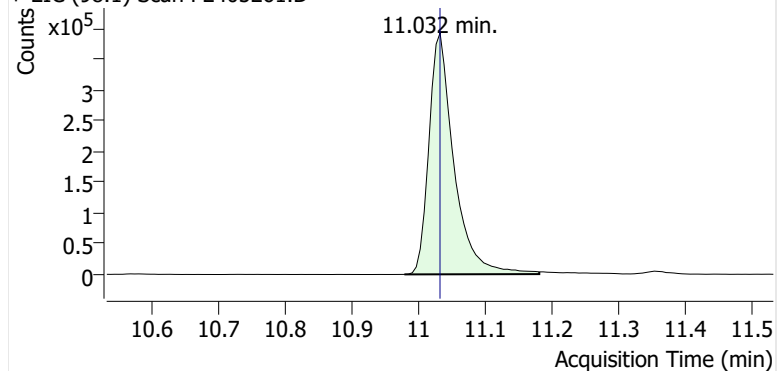


Benzene

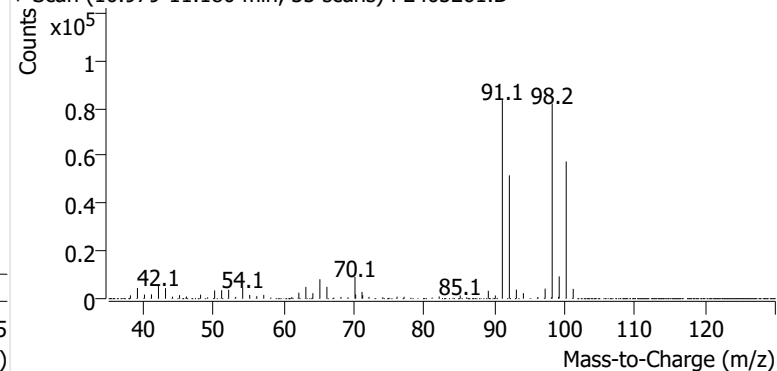


Toluene-d8 (IS)

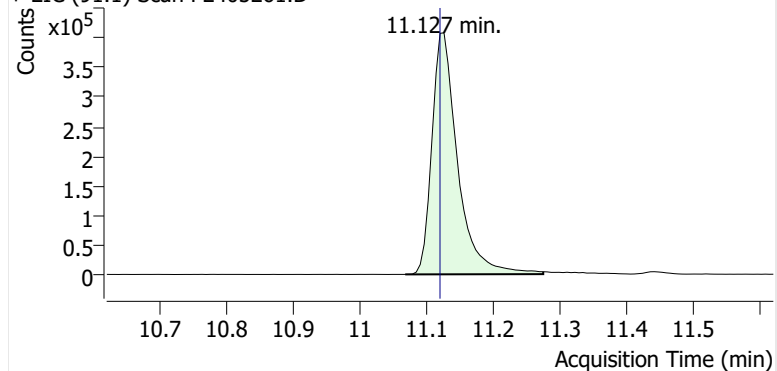
+ EIC (98.1) Scan P2405261.D



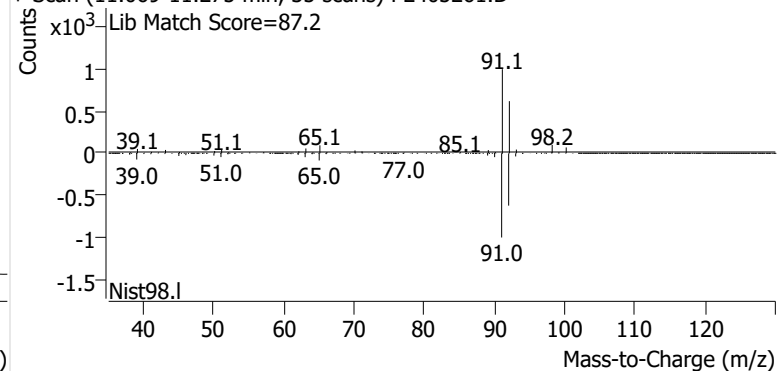
+ Scan (10.979-11.180 min, 35 scans) P2405261.D

**Toluene**

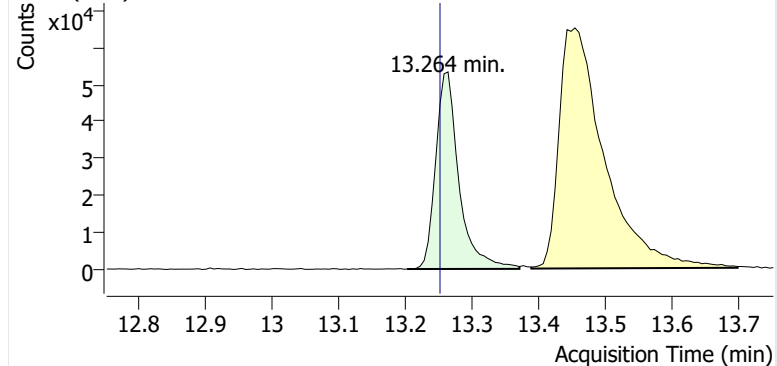
+ EIC (91.1) Scan P2405261.D



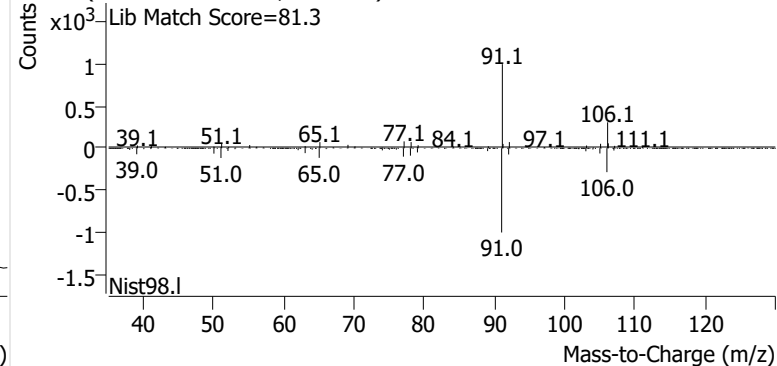
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**Ethylbenzene**

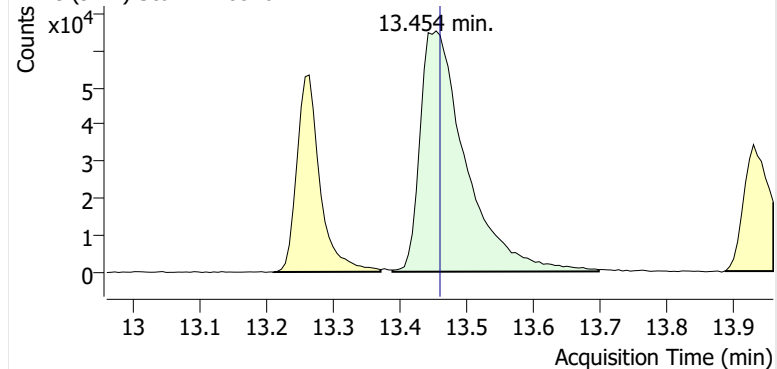
+ EIC (91.1) Scan P2405261.D



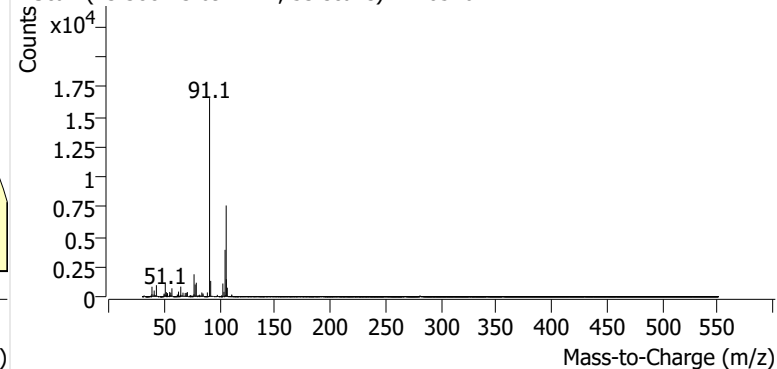
+ Scan (13.202-13.370 min, 29 scans) P2405261.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405261.D

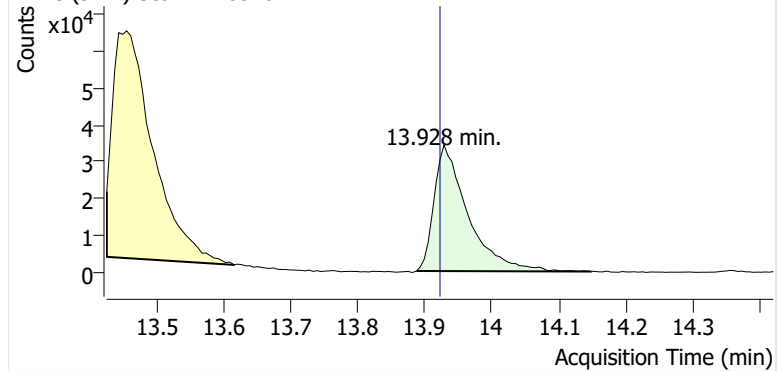


+ Scan (13.388-13.697 min, 53 scans) P2405261.D

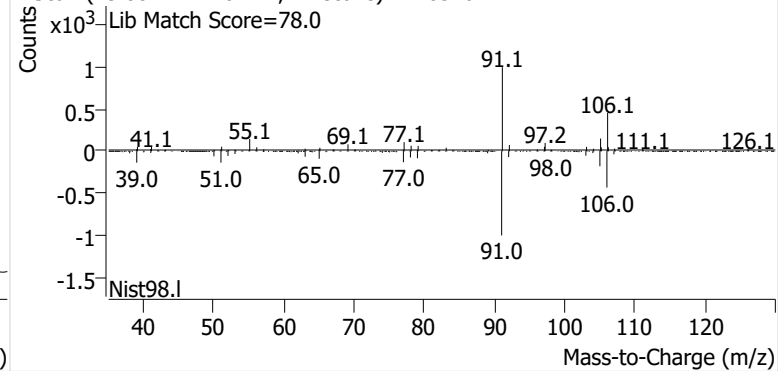


o-Xylene

+ EIC (91.1) Scan P2405261.D

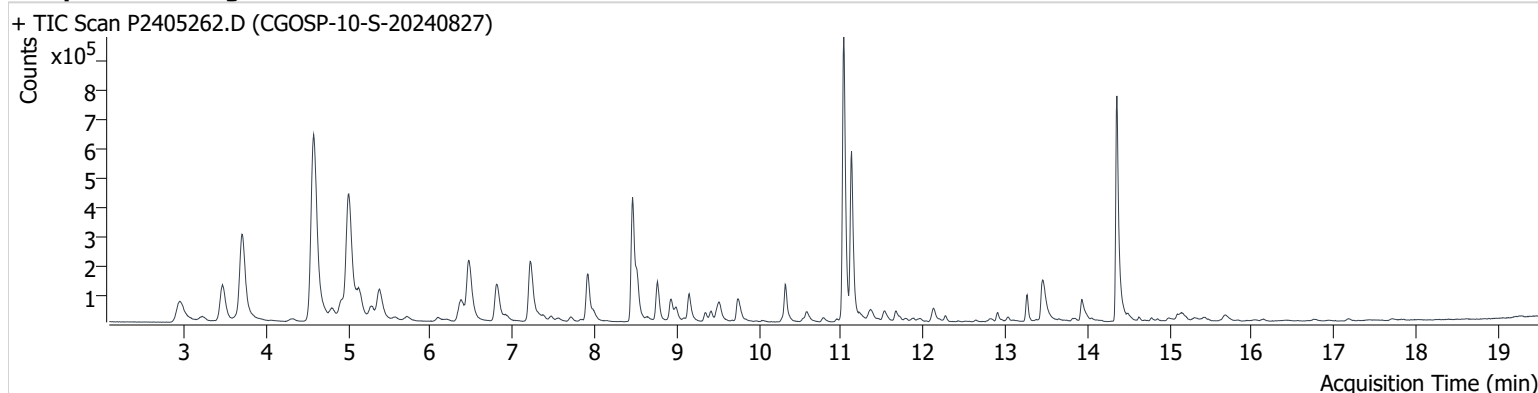


+ Scan (13.887-14.148 min, 44 scans) P2405261.D



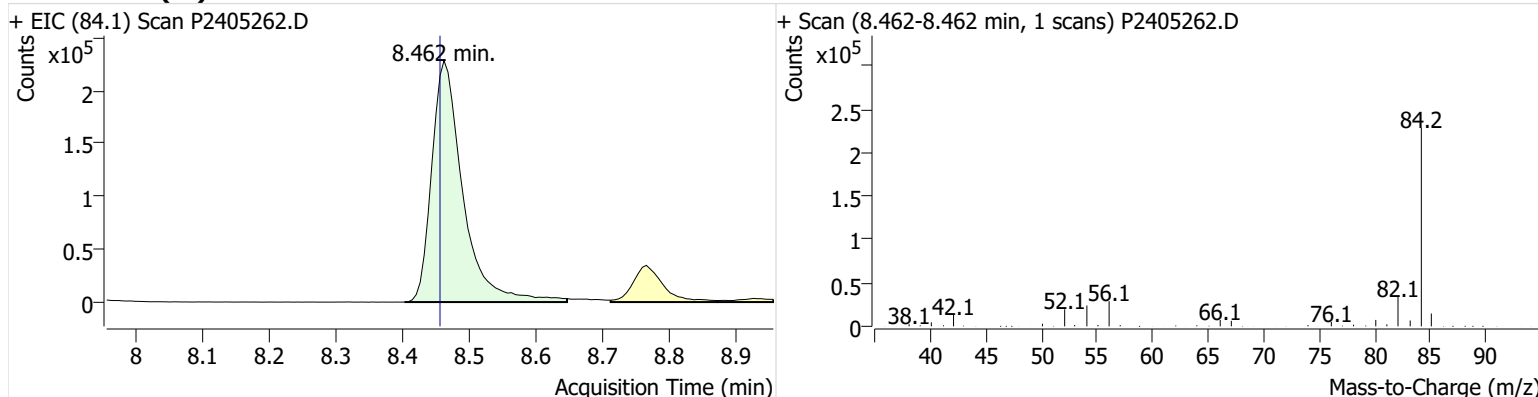
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Comment C01301
Data File P2405262.D
Acq. Date-Time 9/18/2024 3:28:45 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

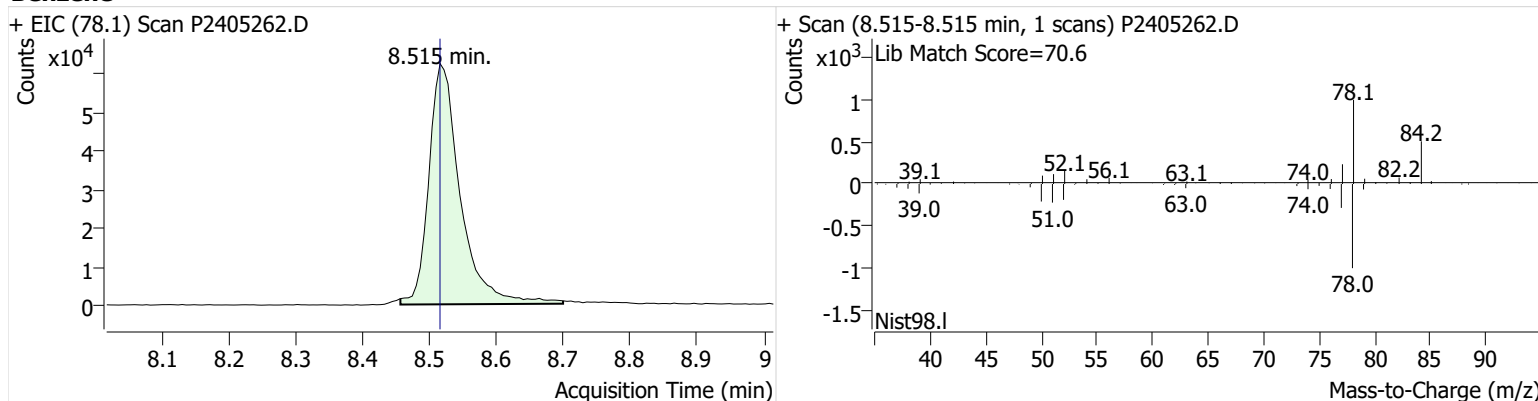


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	737,550	
Benzene	benzene-d6 (IS)	8.515	8.515	204,088	
Toluene-d8 (IS)		11.032	11.032	1,021,241	
Toluene	Toluene-d8 (IS)	11.127	11.121	641,835	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	92,075	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	229,503	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	97,522	

benzene-d6 (IS)

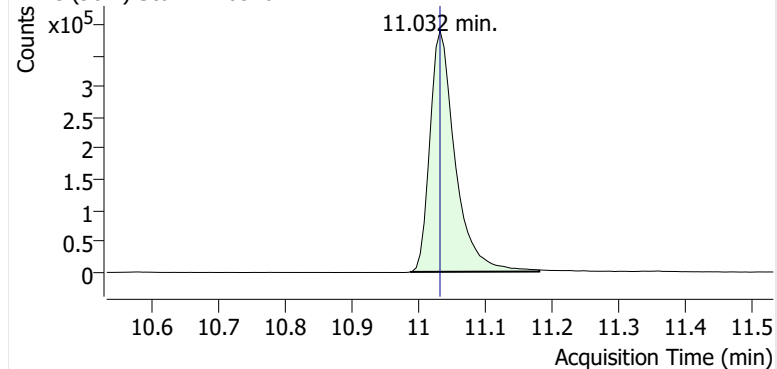


Benzene

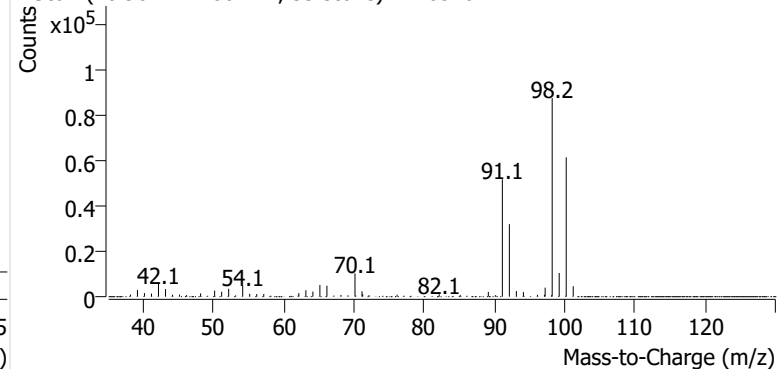


Toluene-d8 (IS)

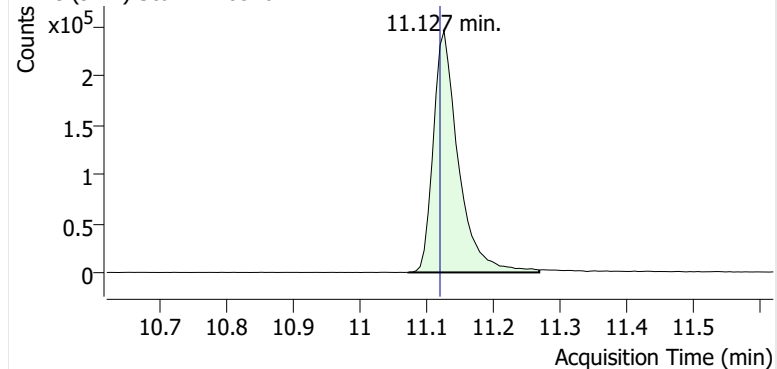
+ EIC (98.1) Scan P2405262.D



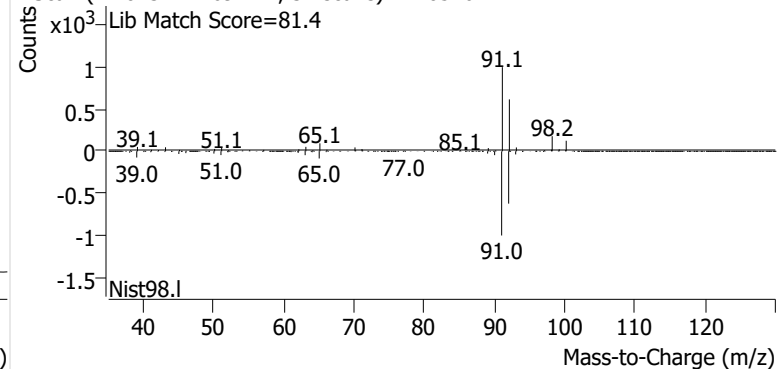
+ Scan (10.987-11.180 min, 33 scans) P2405262.D

**Toluene**

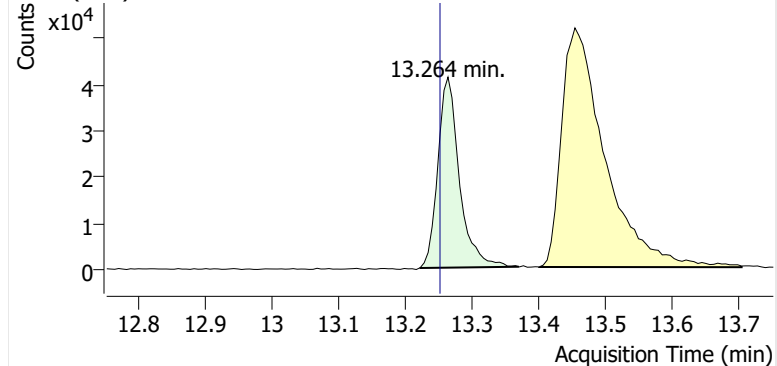
+ EIC (91.1) Scan P2405262.D



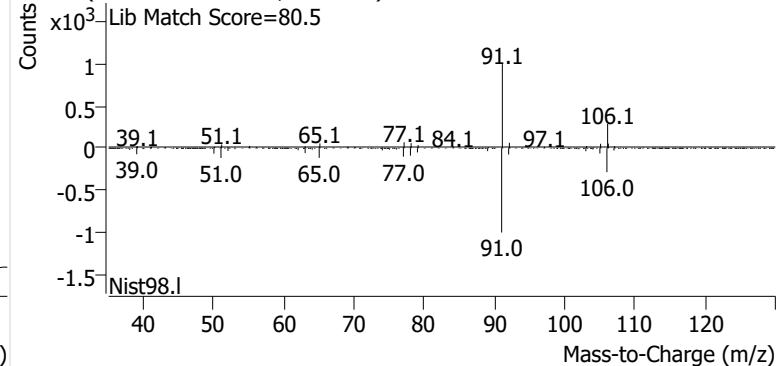
+ Scan (11.073-11.269 min, 34 scans) P2405262.D

**Ethylbenzene**

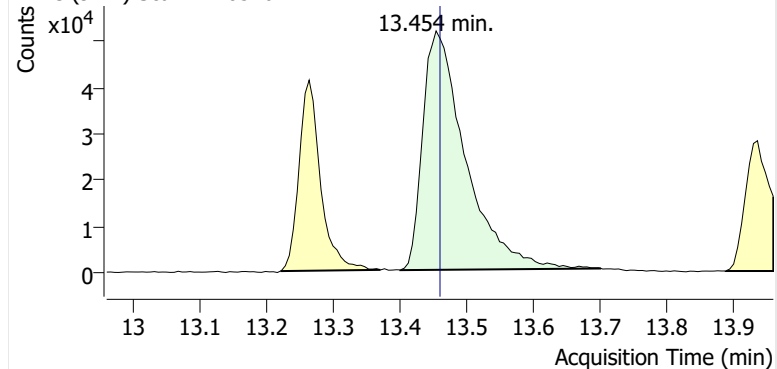
+ EIC (91.1) Scan P2405262.D



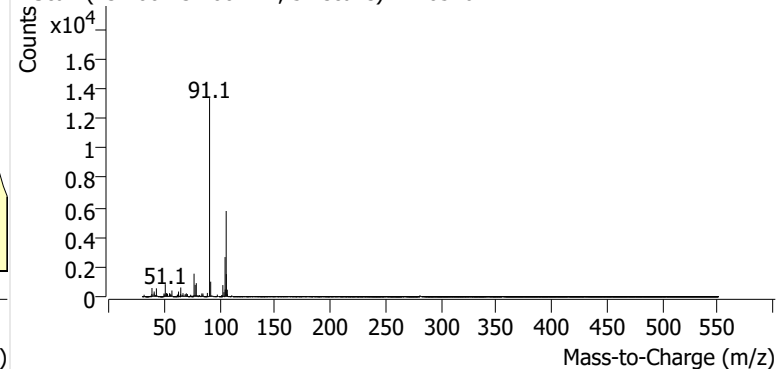
+ Scan (13.221-13.370 min, 25 scans) P2405262.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405262.D

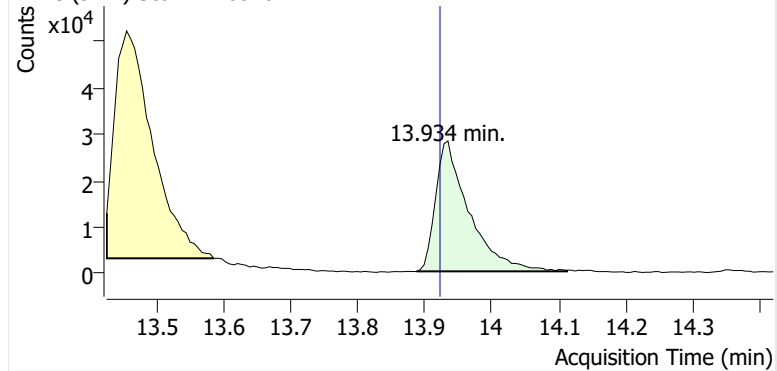


+ Scan (13.400-13.700 min, 51 scans) P2405262.D

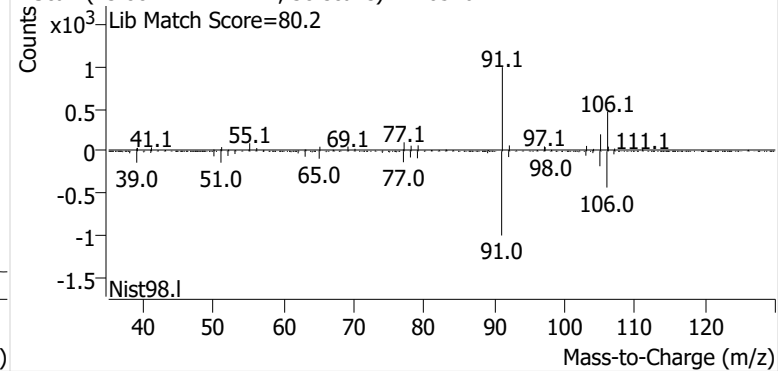


o-Xylene

+ EIC (91.1) Scan P2405262.D

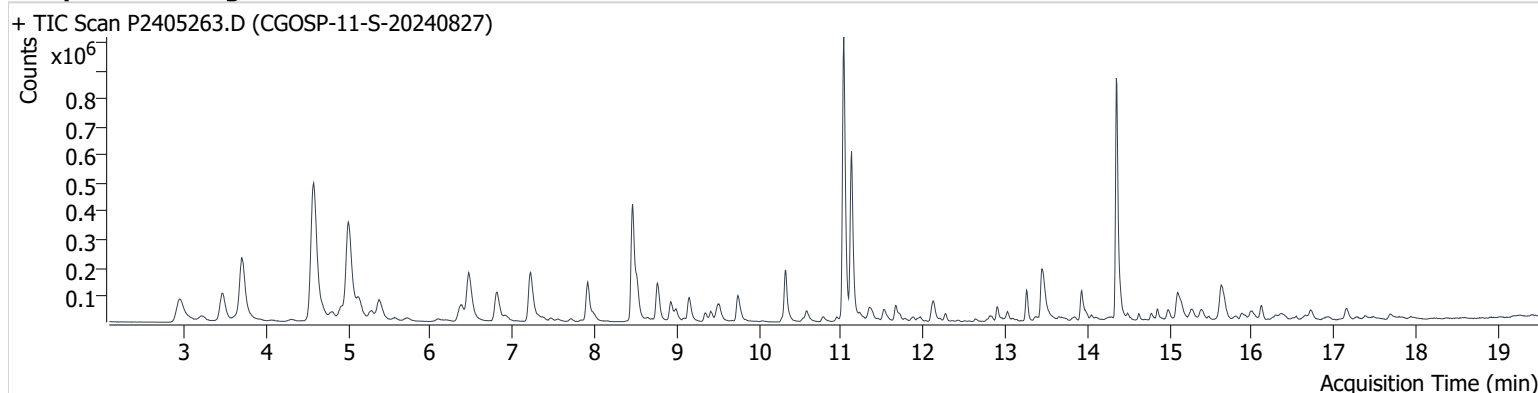


+ Scan (13.887-14.112 min, 38 scans) P2405262.D



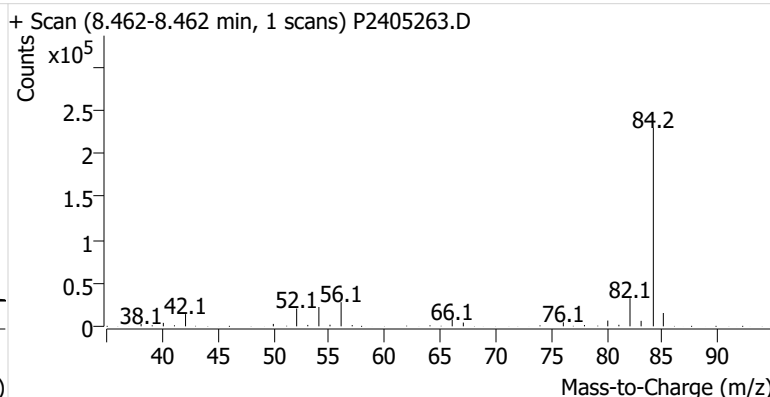
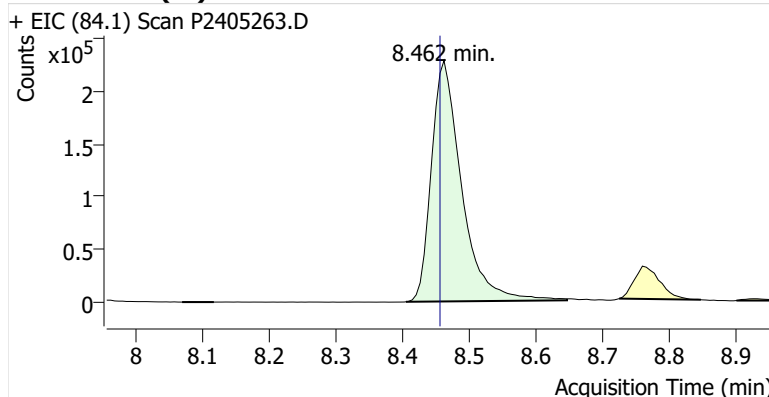
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Comment C32840
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Acq. Date-Time 9/18/2024 4:06:00 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

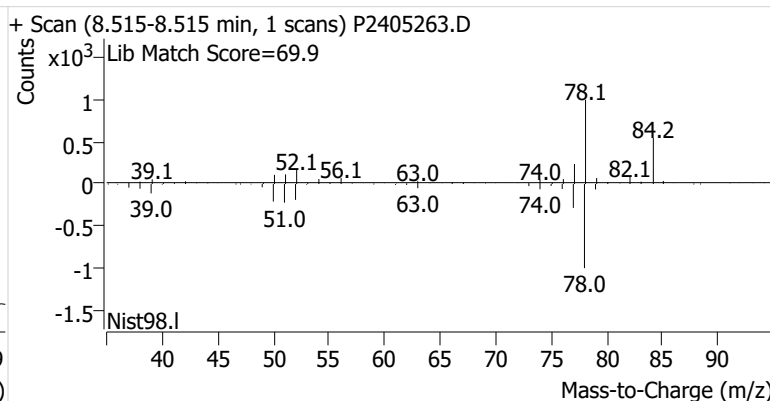
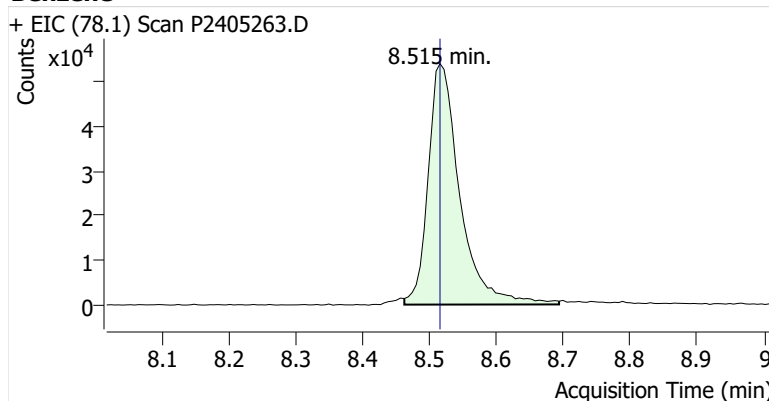


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	717,637	
Benzene	benzene-d6 (IS)	8.515	8.515	177,279	
Toluene-d8 (IS)		11.032	11.032	1,034,388	
Toluene	Toluene-d8 (IS)	11.127	11.121	643,764	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	106,647	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	272,239	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	119,159	

benzene-d6 (IS)

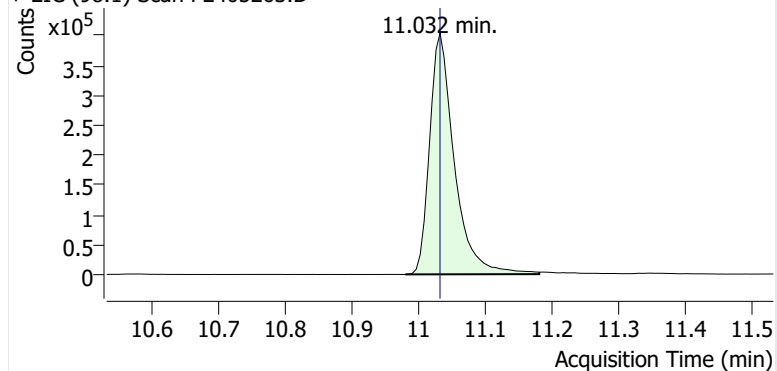


Benzene

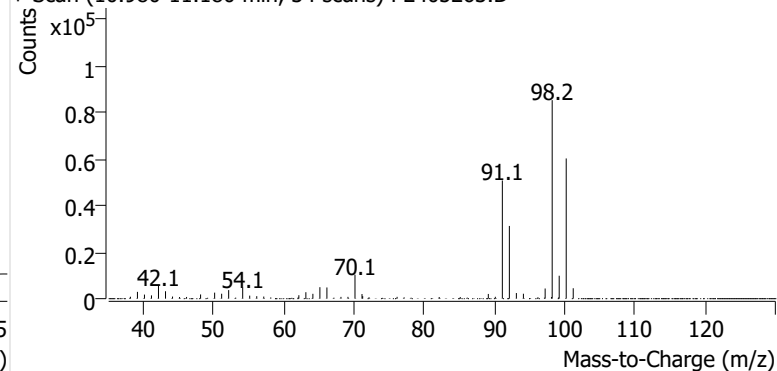


Toluene-d8 (IS)

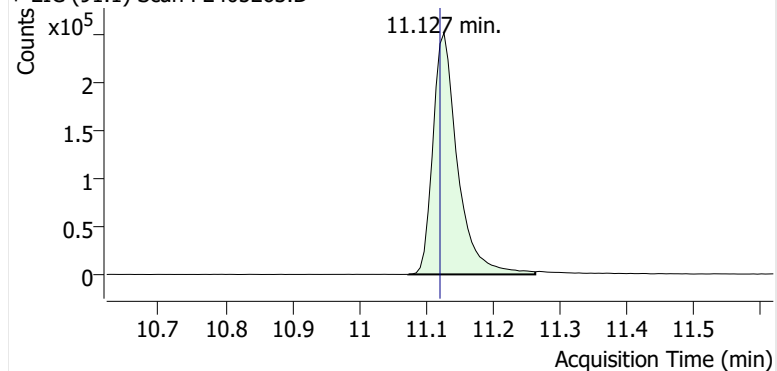
+ EIC (98.1) Scan P2405263.D



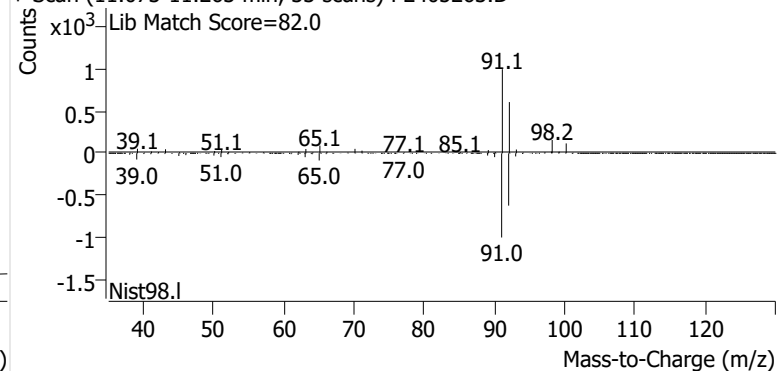
+ Scan (10.980-11.180 min, 34 scans) P2405263.D

**Toluene**

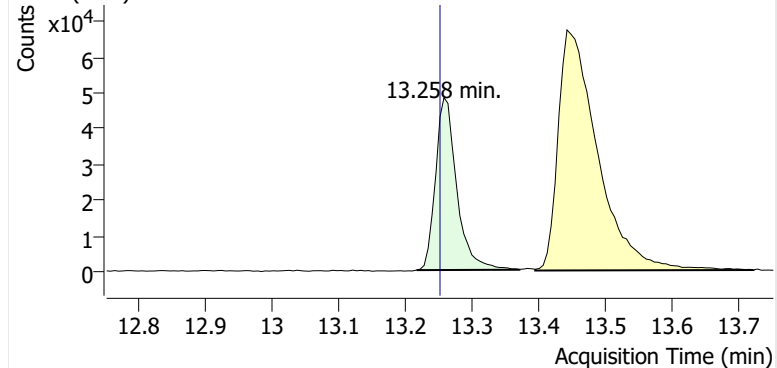
+ EIC (91.1) Scan P2405263.D



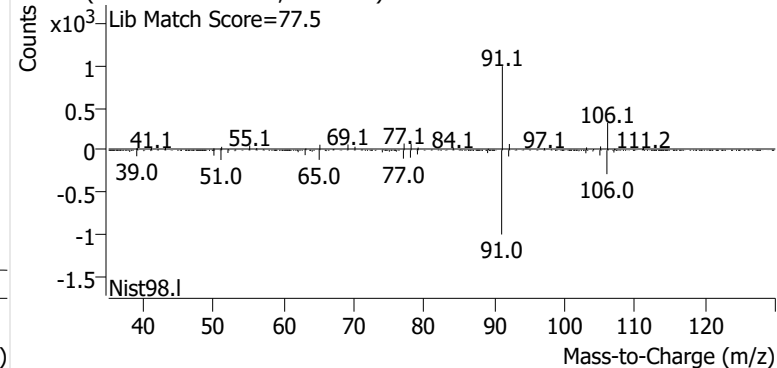
+ Scan (11.073-11.263 min, 33 scans) P2405263.D

**Ethylbenzene**

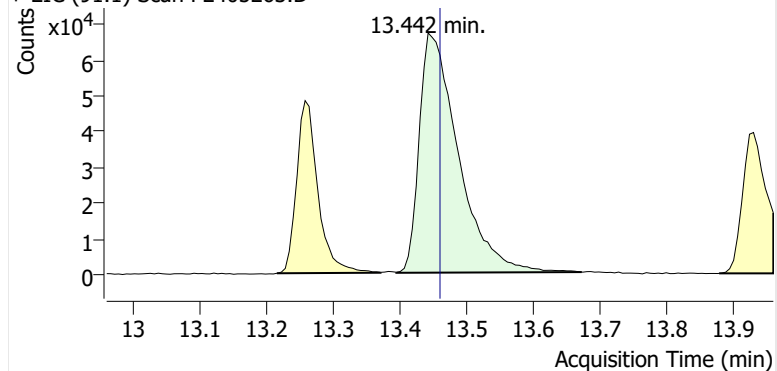
+ EIC (91.1) Scan P2405263.D



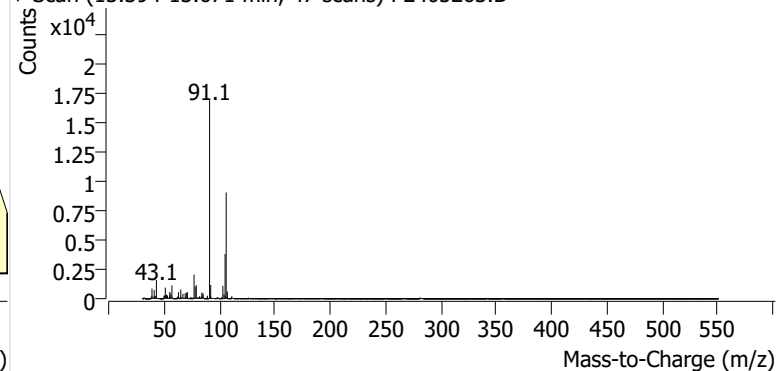
+ Scan (13.216-13.370 min, 26 scans) P2405263.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405263.D

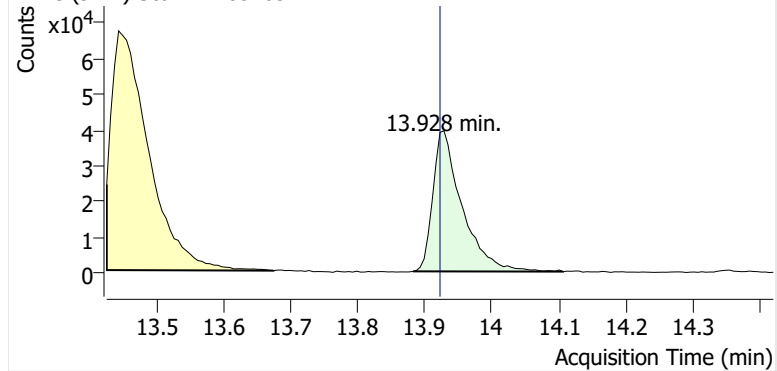


+ Scan (13.394-13.671 min, 47 scans) P2405263.D

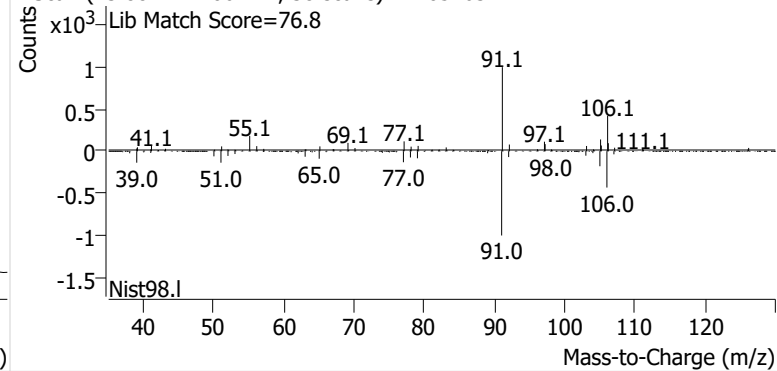


o-Xylene

+ EIC (91.1) Scan P2405263.D

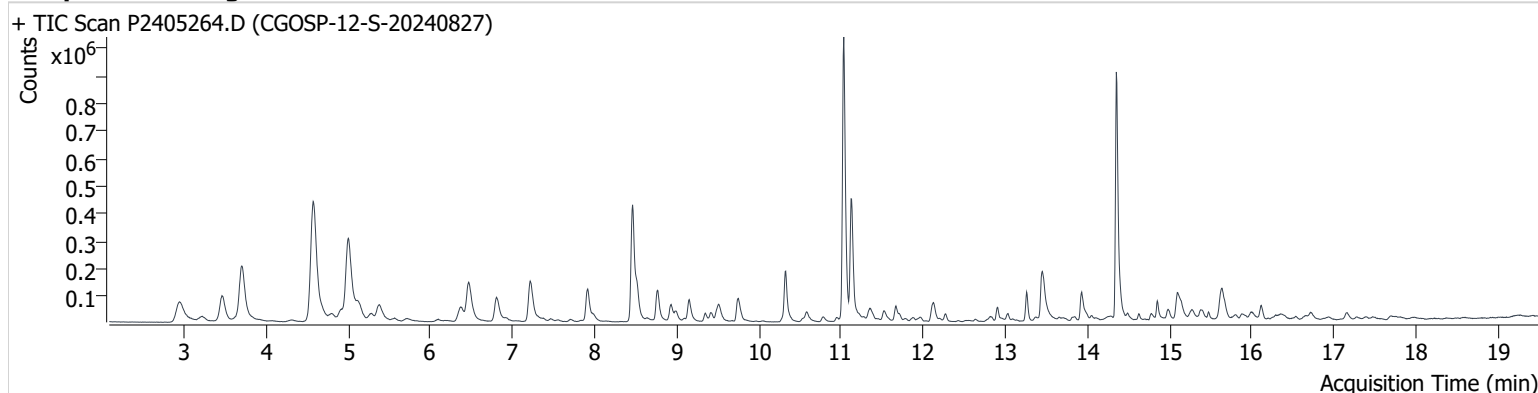


+ Scan (13.882-14.106 min, 38 scans) P2405263.D



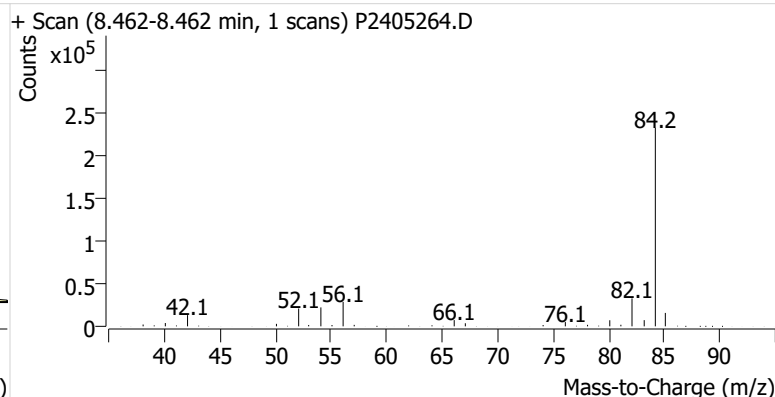
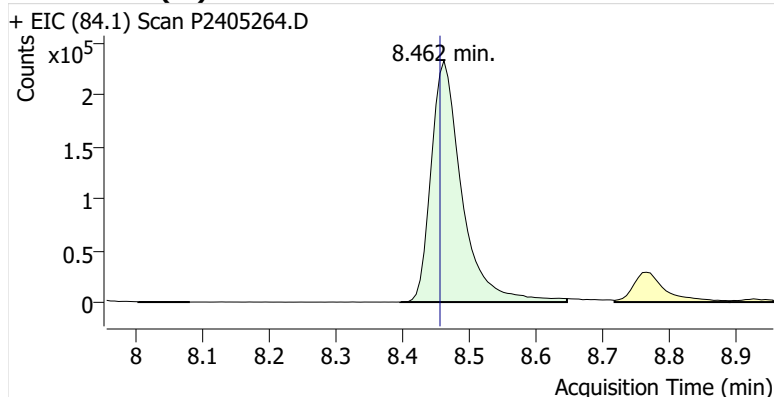
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Comment C24115
Data File P2405264.D
Acq. Date-Time 9/18/2024 4:43:52 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

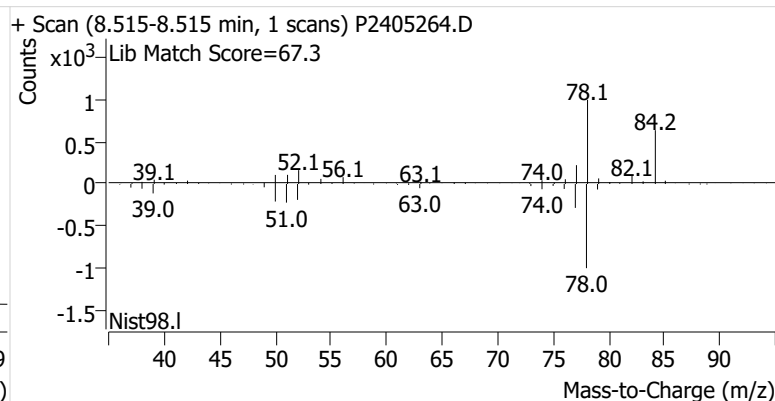
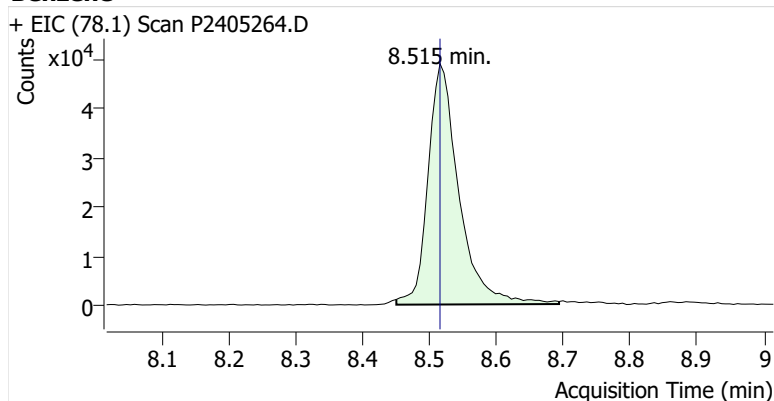


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	746,651	
Benzene	benzene-d6 (IS)	8.515	8.515	157,637	
Toluene-d8 (IS)		11.032	11.032	1,044,298	
Toluene	Toluene-d8 (IS)	11.121	11.121	482,726	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	101,729	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	264,474	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	116,962	

benzene-d6 (IS)

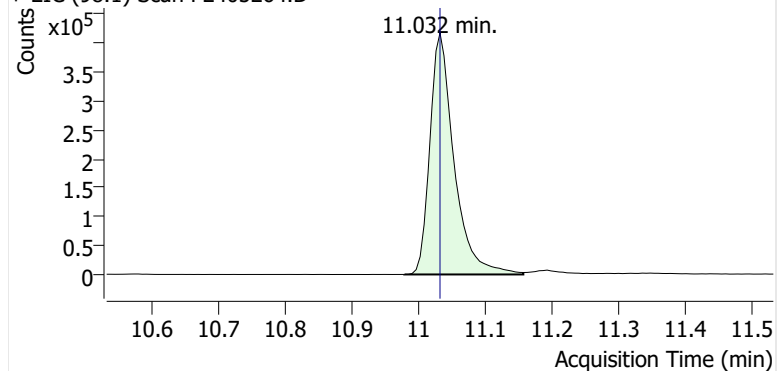


Benzene

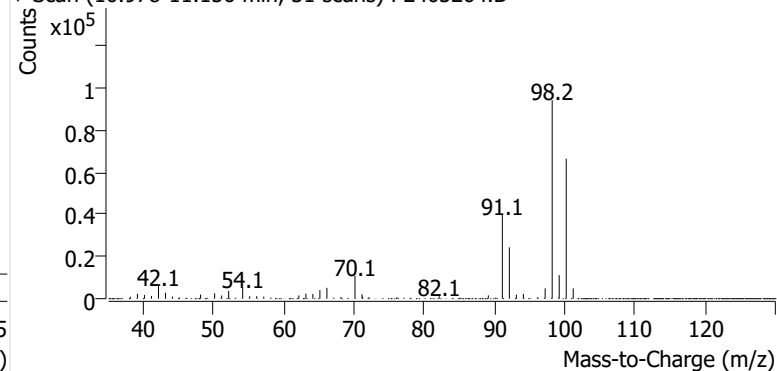


Toluene-d8 (IS)

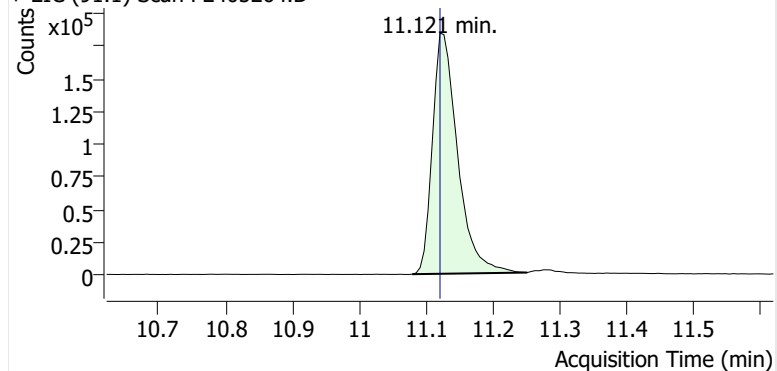
+ EIC (98.1) Scan P2405264.D



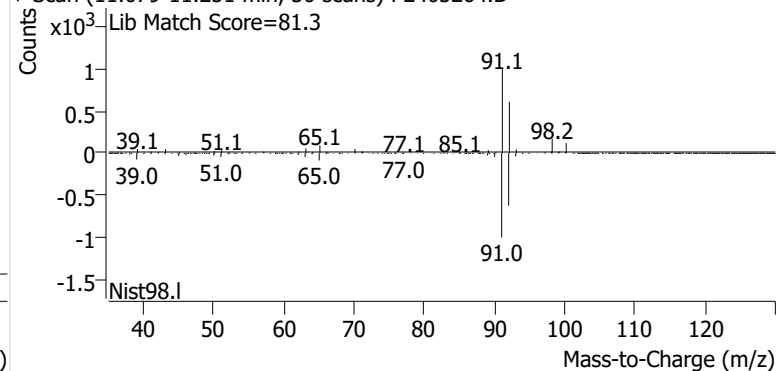
+ Scan (10.978-11.156 min, 31 scans) P2405264.D

**Toluene**

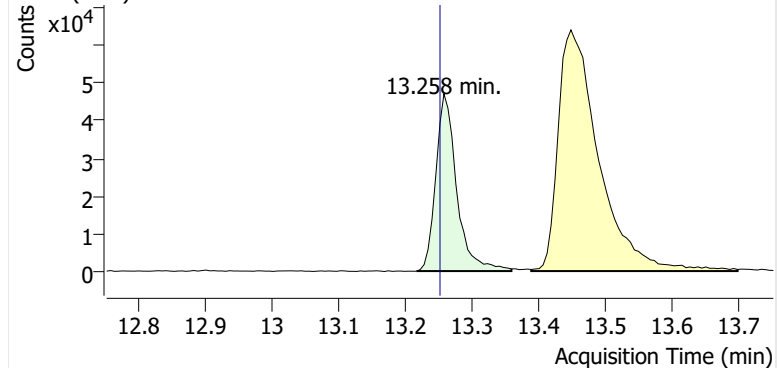
+ EIC (91.1) Scan P2405264.D



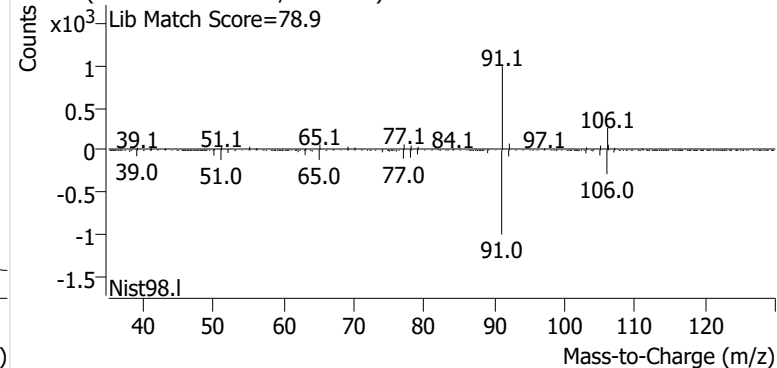
+ Scan (11.079-11.251 min, 30 scans) P2405264.D

**Ethylbenzene**

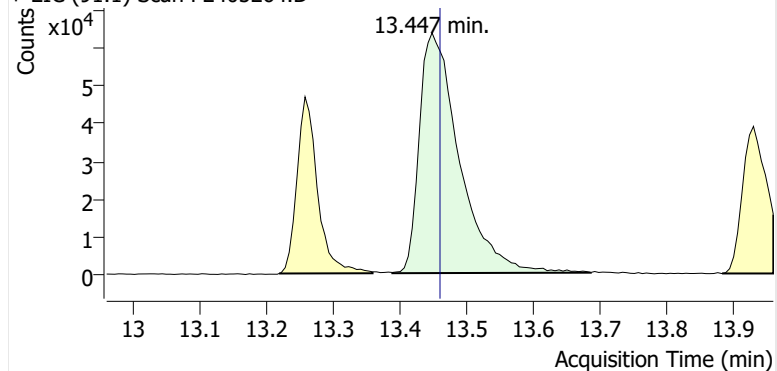
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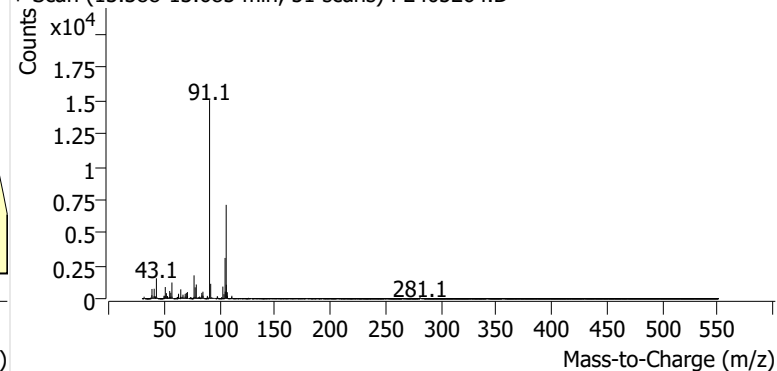
+ Scan (13.217-13.358 min, 24 scans) P2405264.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405264.D

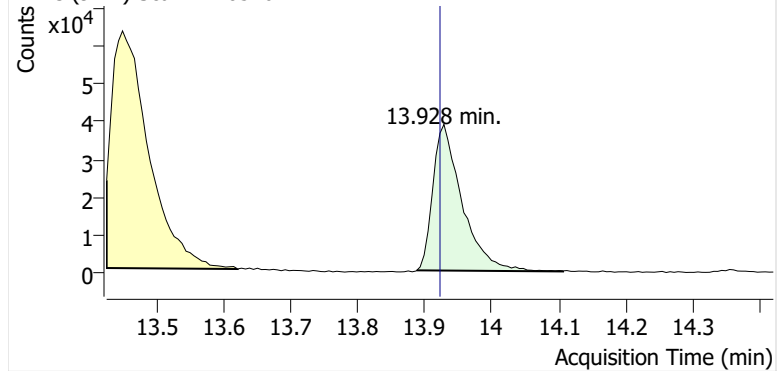


+ Scan (13.388-13.685 min, 51 scans) P2405264.D

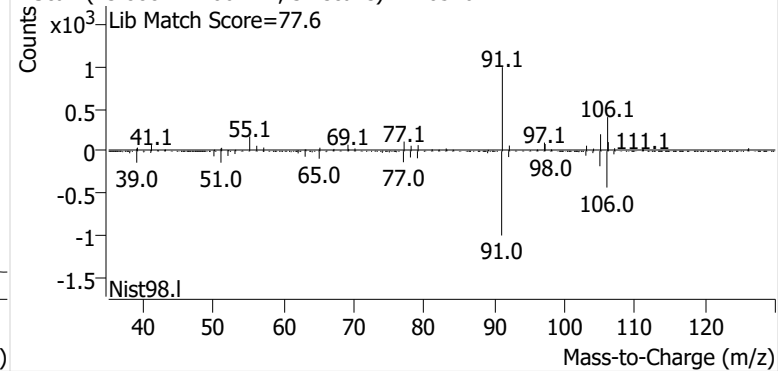


o-Xylene

+ EIC (91.1) Scan P2405264.D

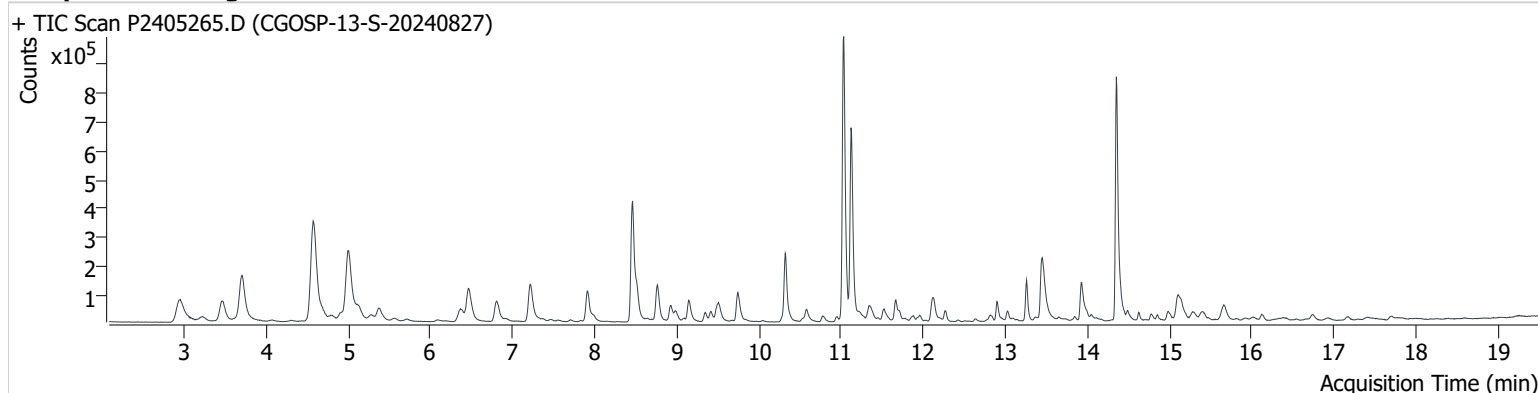


+ Scan (13.888-14.106 min, 37 scans) P2405264.D



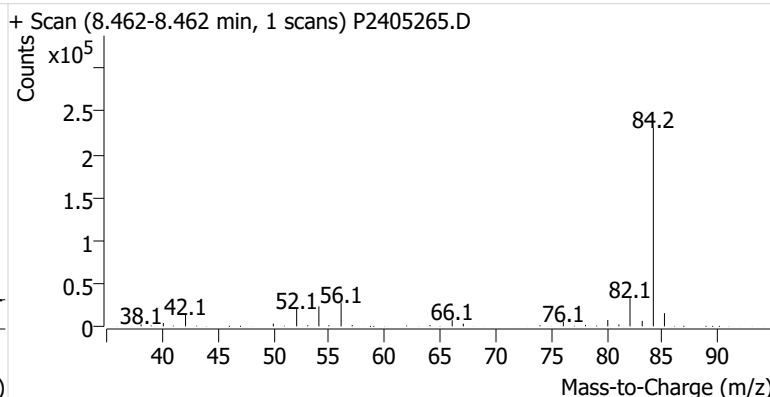
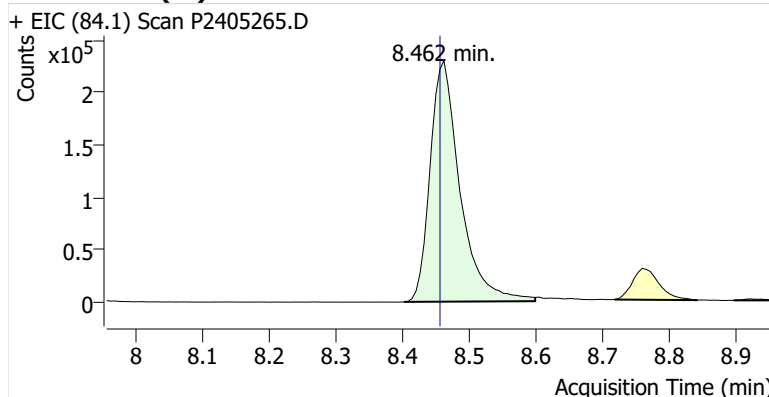
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Comment B20669
Data File P2405265.D
Acq. Date-Time 9/18/2024 5:21:46 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

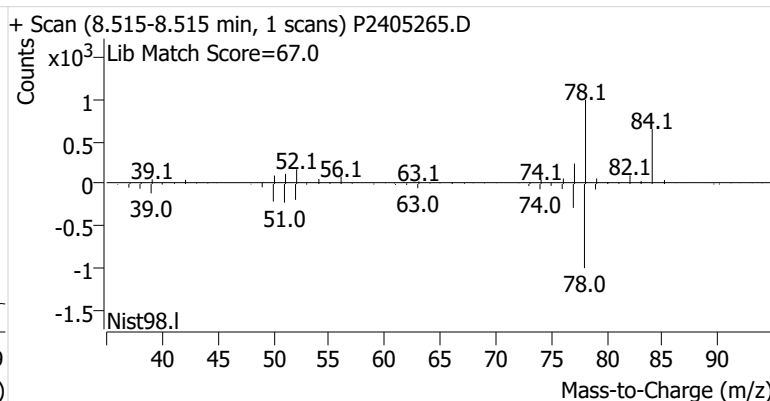
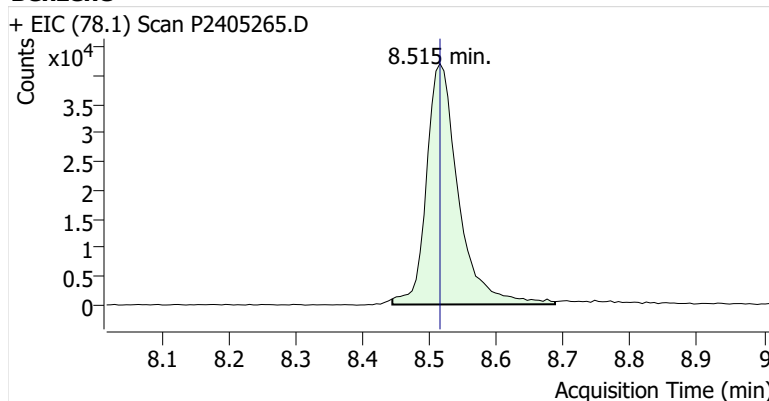


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,552	
Benzene	benzene-d6 (IS)	8.515	8.515	139,176	
Toluene-d8 (IS)		11.032	11.032	1,031,764	
Toluene	Toluene-d8 (IS)	11.121	11.121	731,109	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	137,816	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	329,178	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	162,440	

benzene-d6 (IS)

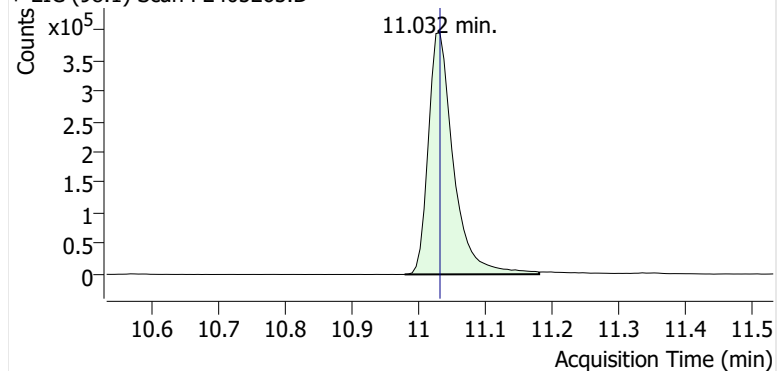


Benzene

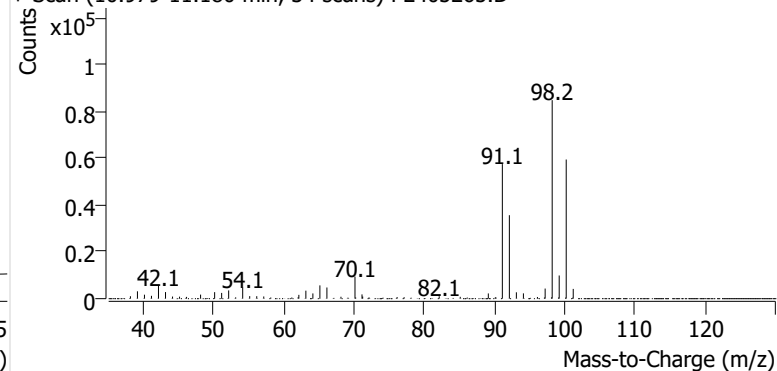


Toluene-d8 (IS)

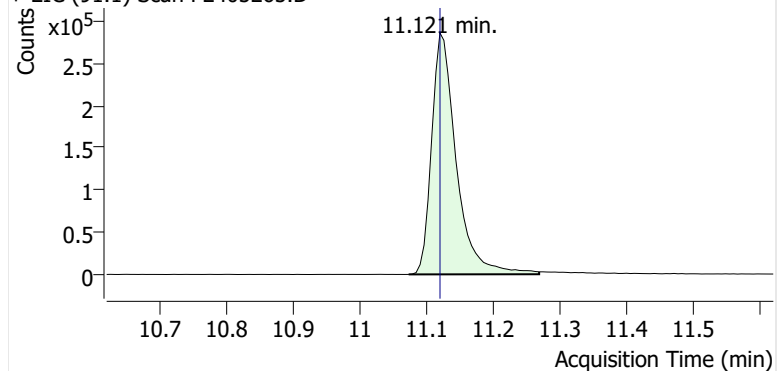
+ EIC (98.1) Scan P2405265.D



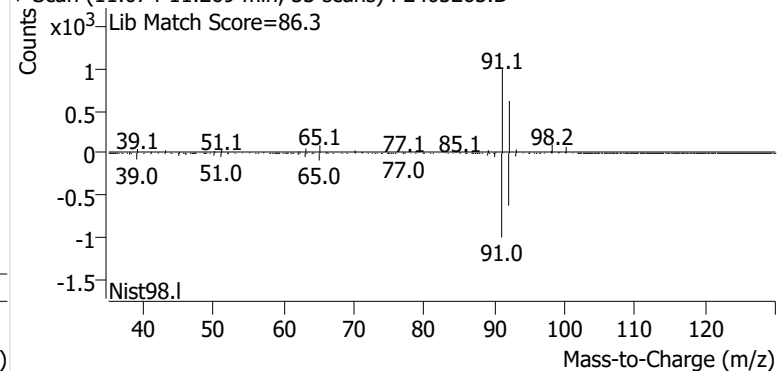
+ Scan (10.979-11.180 min, 34 scans) P2405265.D

**Toluene**

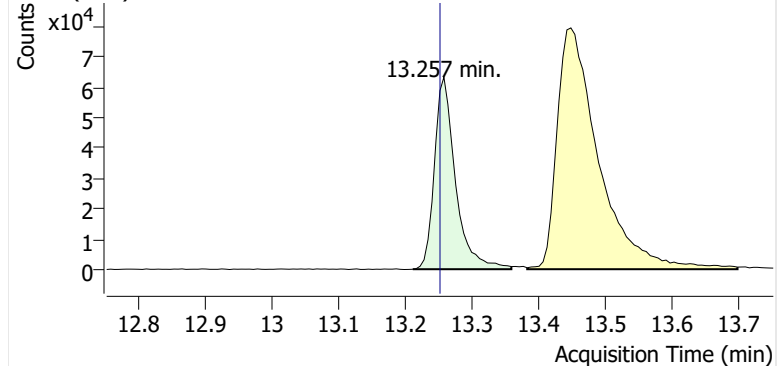
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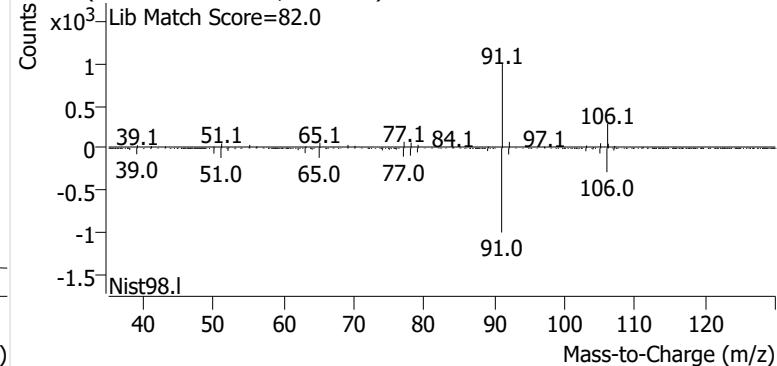
+ Scan (11.074-11.269 min, 33 scans) P2405265.D

**Ethylbenzene**

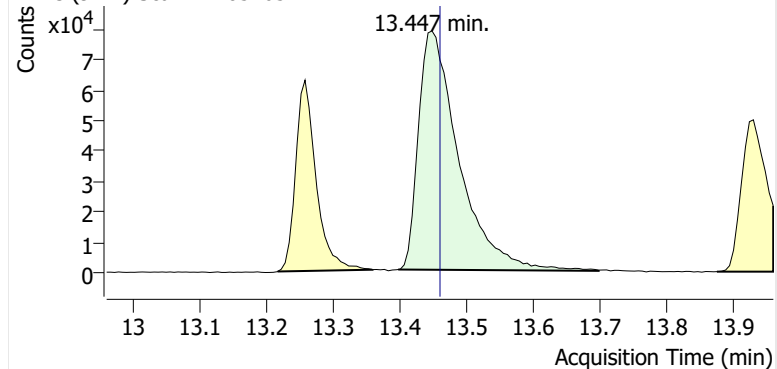
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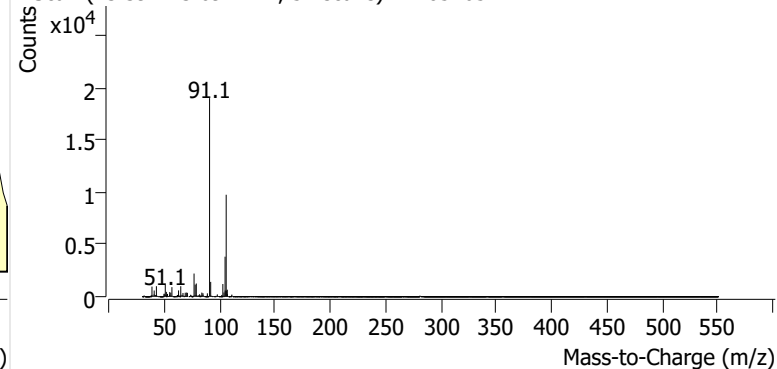
+ Scan (13.211-13.358 min, 25 scans) P2405265.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405265.D

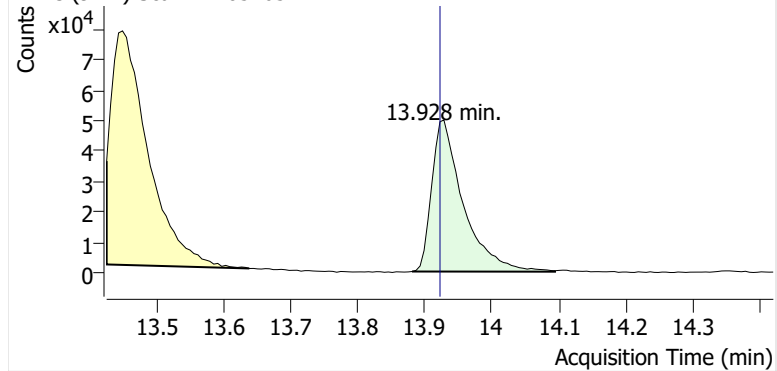


+ Scan (13.397-13.697 min, 51 scans) P2405265.D

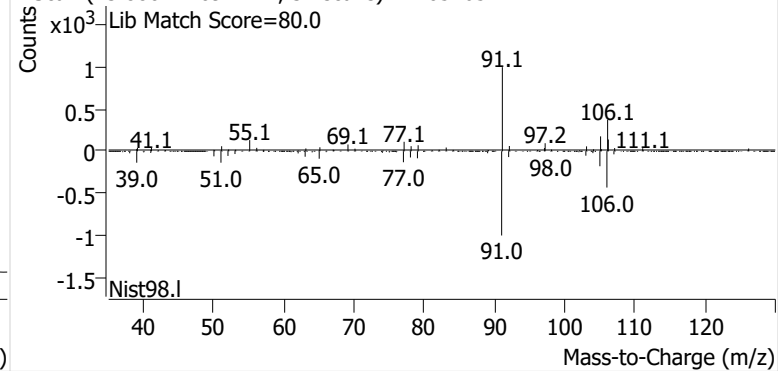


o-Xylene

+ EIC (91.1) Scan P2405265.D

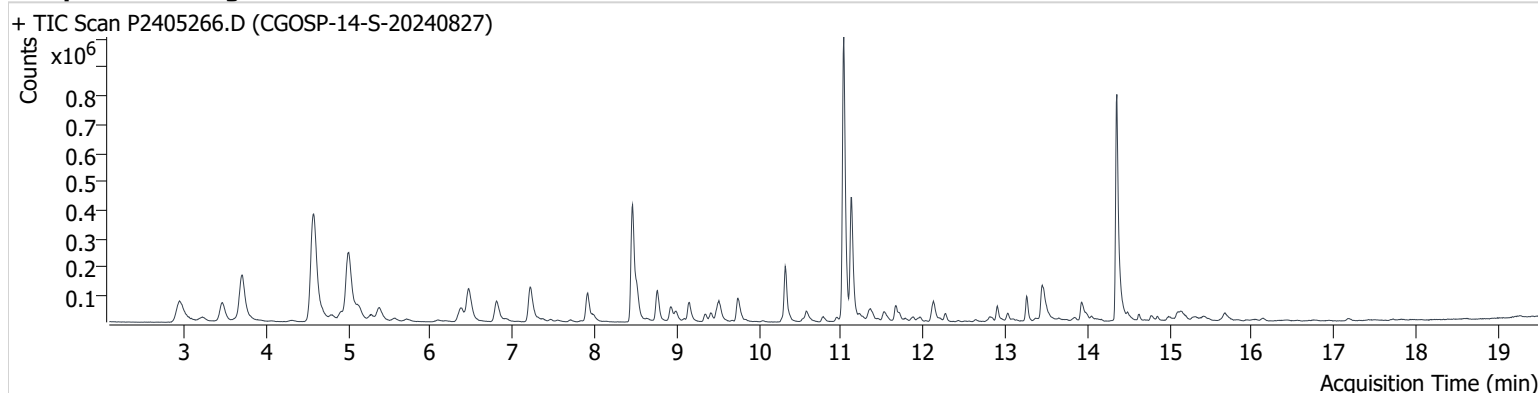


+ Scan (13.880-14.094 min, 37 scans) P2405265.D



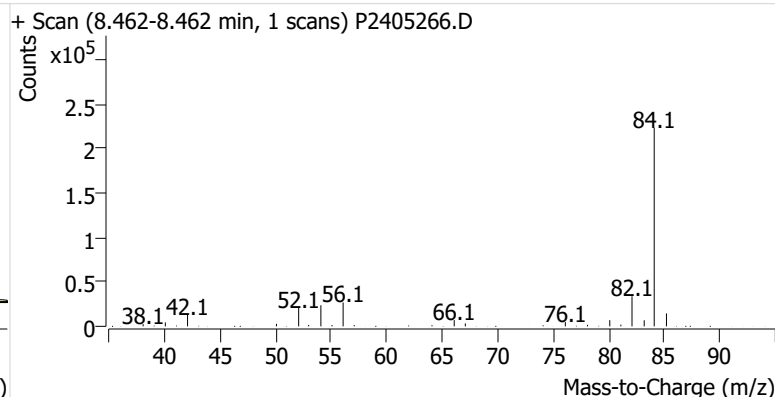
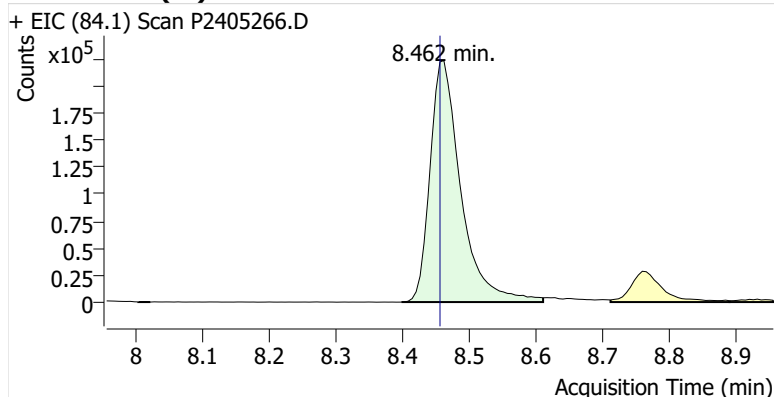
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Comment C24240
Data File P2405266.D
Acq. Date-Time 9/18/2024 5:59:37 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

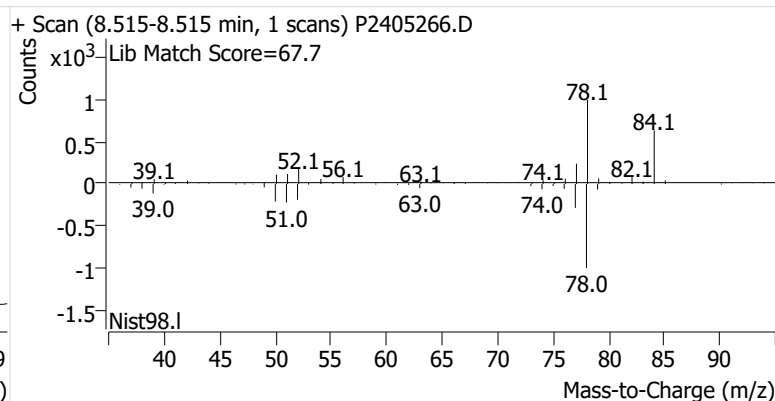
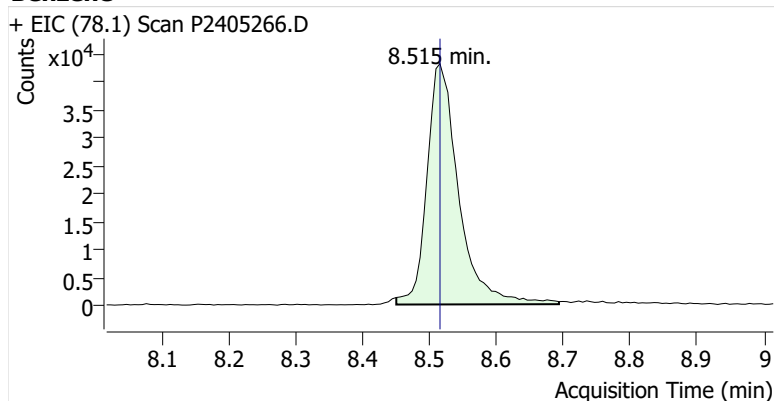


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	716,544	
Benzene	benzene-d6 (IS)	8.515	8.515	142,547	
Toluene-d8 (IS)		11.032	11.032	1,028,347	
Toluene	Toluene-d8 (IS)	11.121	11.121	468,363	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	89,009	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	203,748	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	84,747	

benzene-d6 (IS)

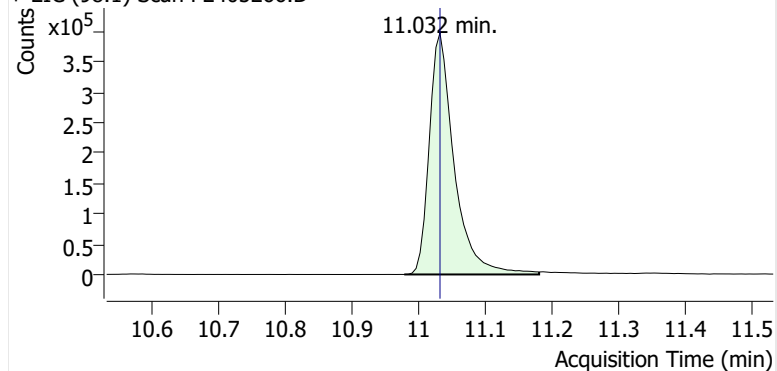


Benzene

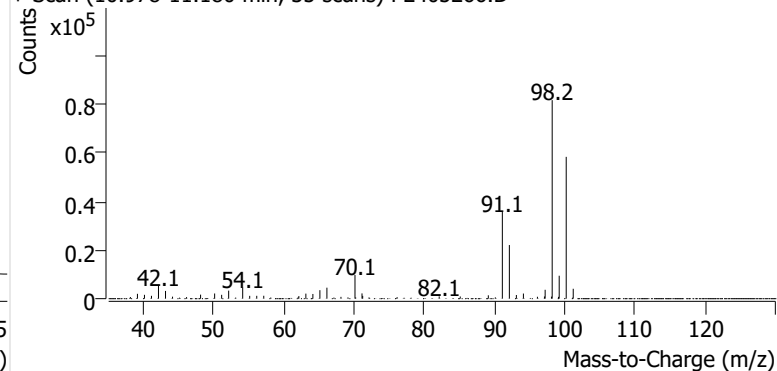


Toluene-d8 (IS)

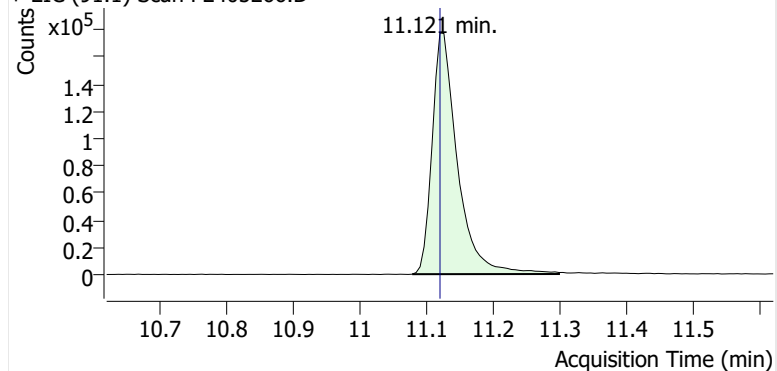
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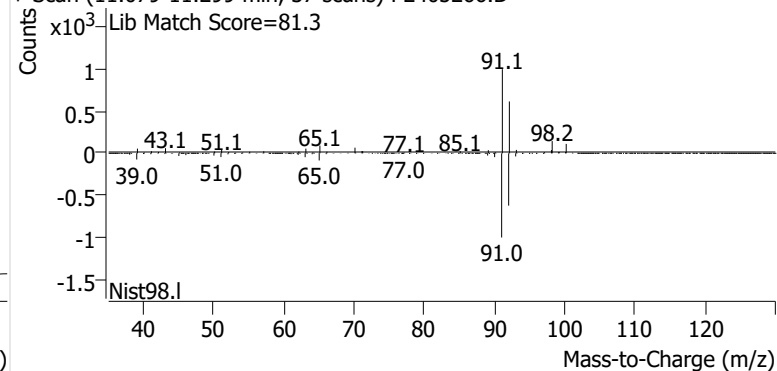
+ Scan (10.978-11.180 min, 35 scans) P2405266.D

**Toluene**

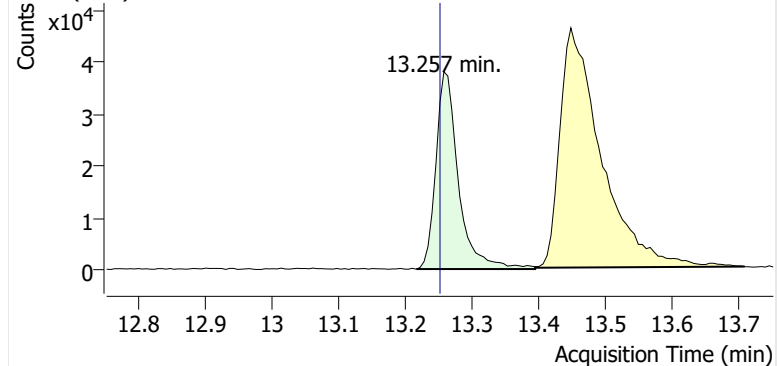
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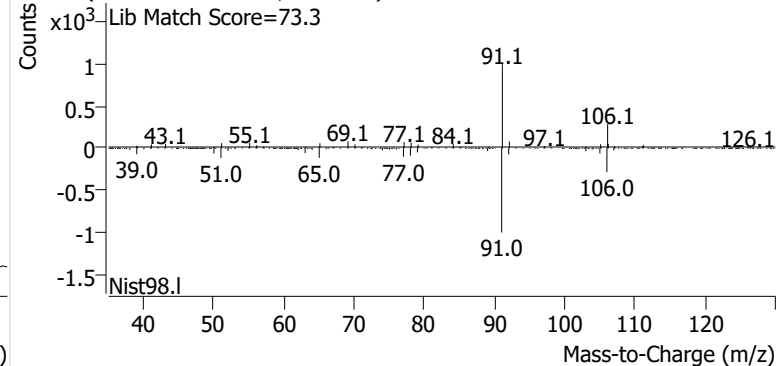
+ Scan (11.079-11.299 min, 37 scans) P2405266.D

**Ethylbenzene**

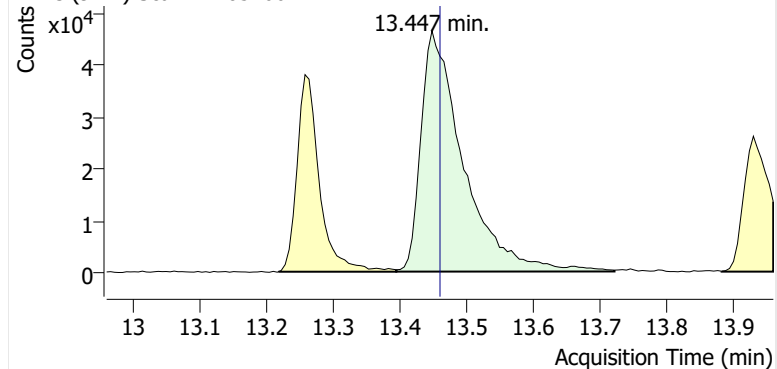
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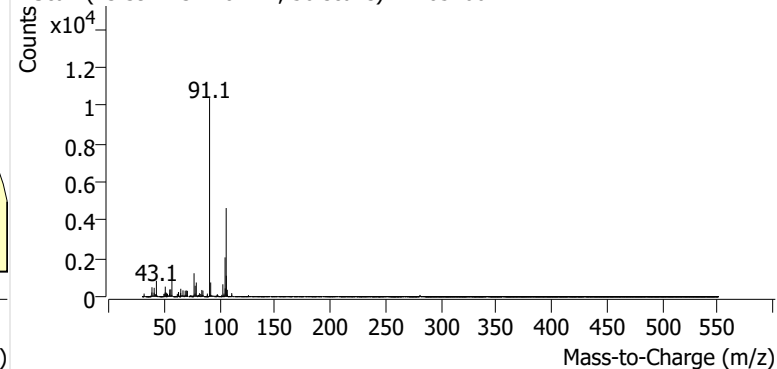
+ Scan (13.216-13.394 min, 30 scans) P2405266.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405266.D

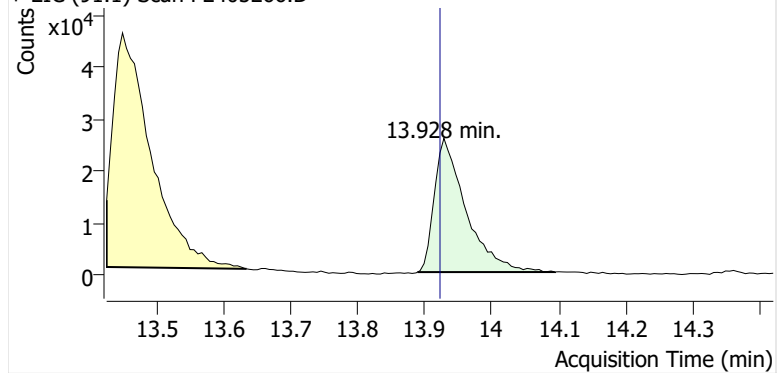


+ Scan (13.394-13.720 min, 56 scans) P2405266.D

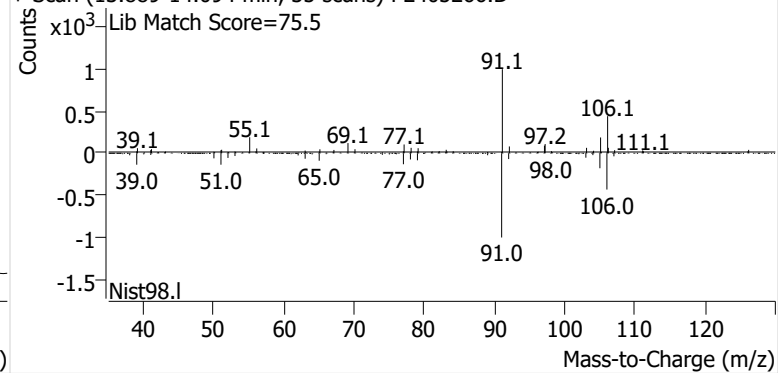


o-Xylene

+ EIC (91.1) Scan P2405266.D

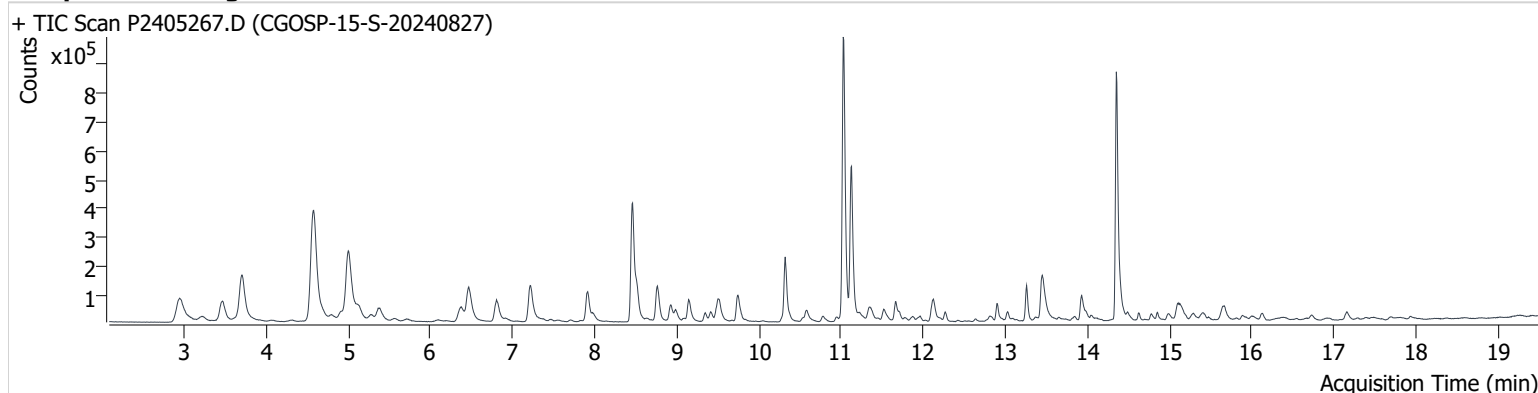


+ Scan (13.889-14.094 min, 35 scans) P2405266.D



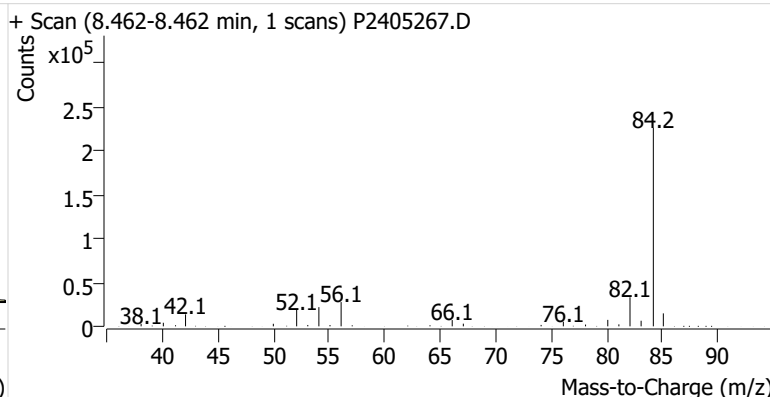
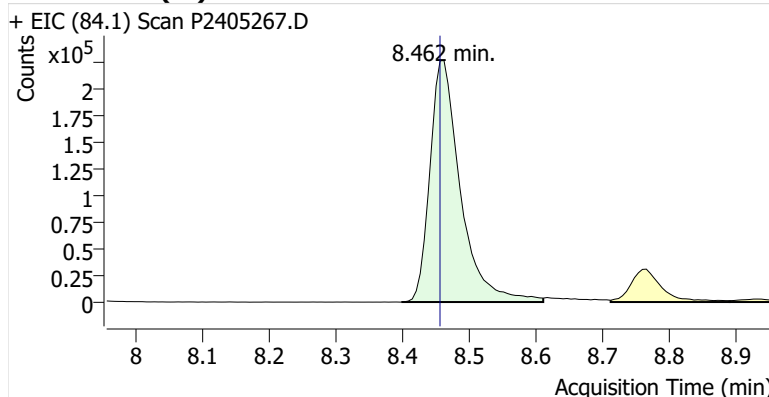
Name CGOSP-15-S-20240827
Comment C37497
Data File P2405267.D
Acq. Date-Time 9/18/2024 6:36:54 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

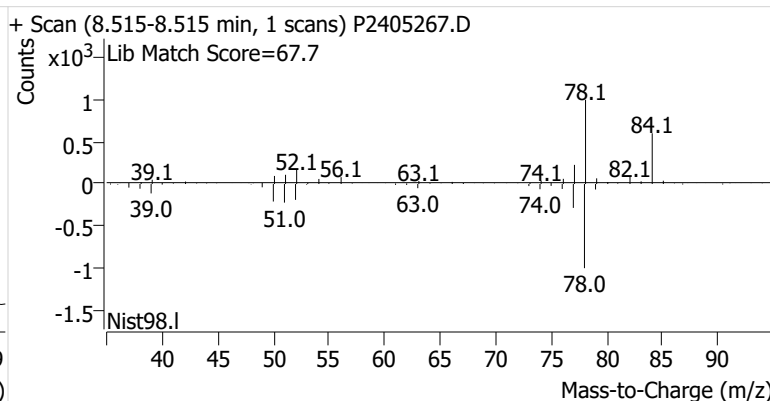
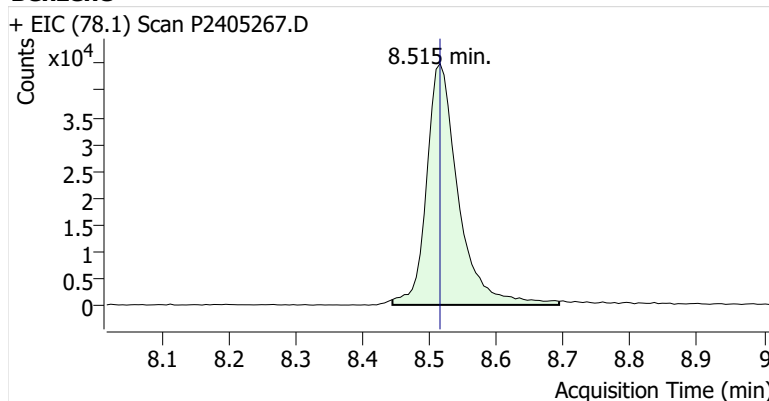


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	717,252	
Benzene	benzene-d6 (IS)	8.515	8.515	147,957	
Toluene-d8 (IS)		11.026	11.032	1,029,036	
Toluene	Toluene-d8 (IS)	11.121	11.121	578,956	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	120,192	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	236,122	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	108,391	

benzene-d6 (IS)

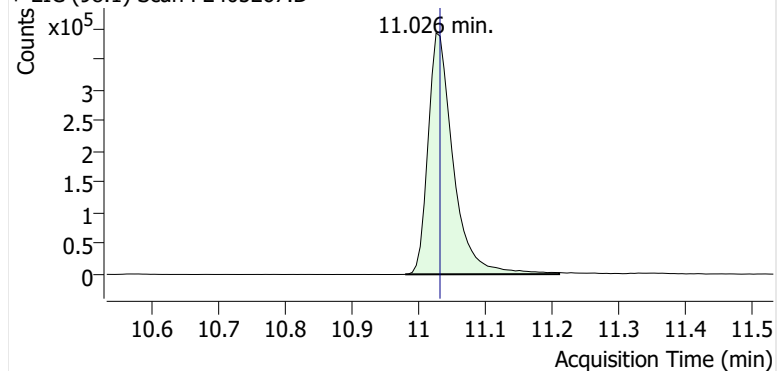


Benzene

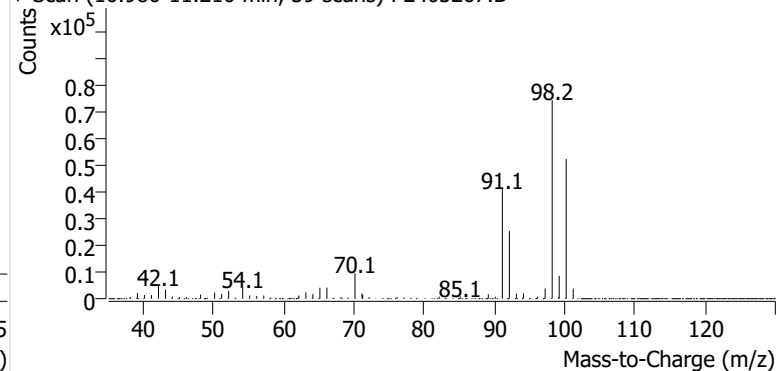


Toluene-d8 (IS)

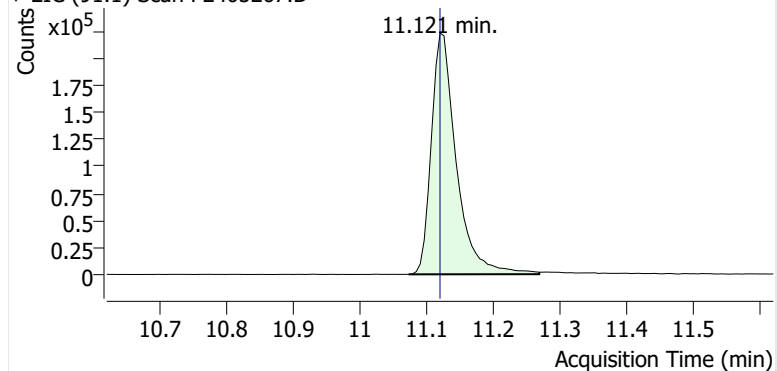
+ EIC (98.1) Scan P2405267.D



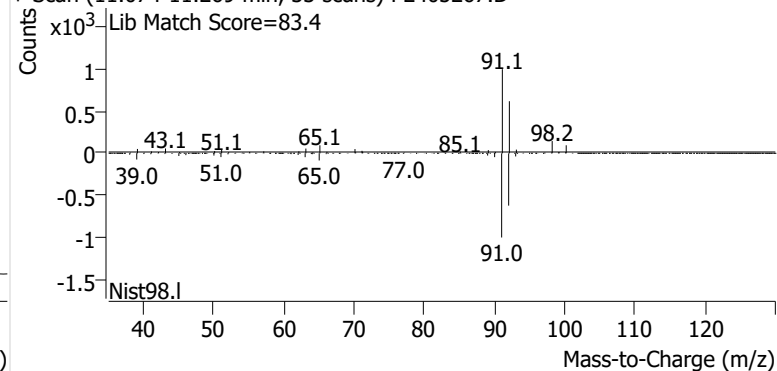
+ Scan (10.980-11.210 min, 39 scans) P2405267.D

**Toluene**

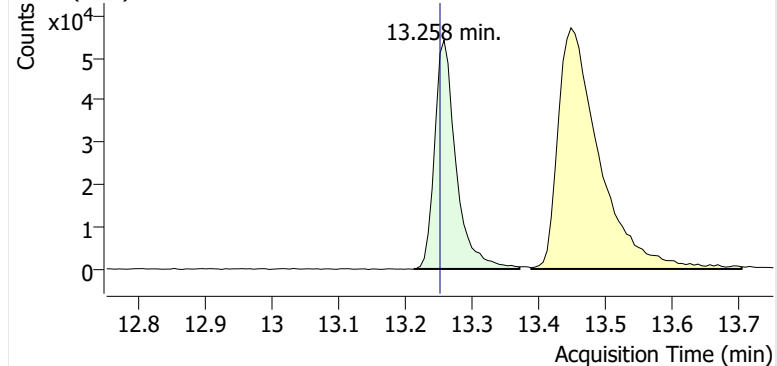
+ EIC (91.1) Scan P2405267.D



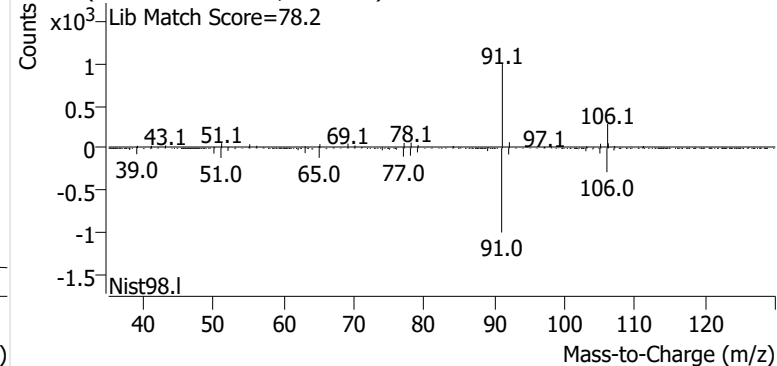
+ Scan (11.074-11.269 min, 33 scans) P2405267.D

**Ethylbenzene**

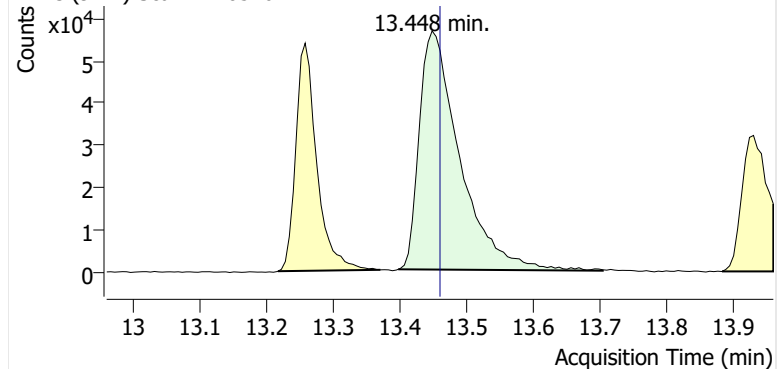
+ EIC (91.1) Scan P2405267.D



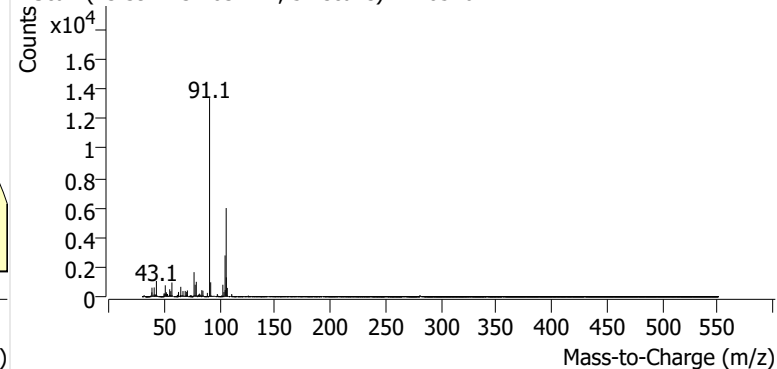
+ Scan (13.212-13.370 min, 27 scans) P2405267.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405267.D

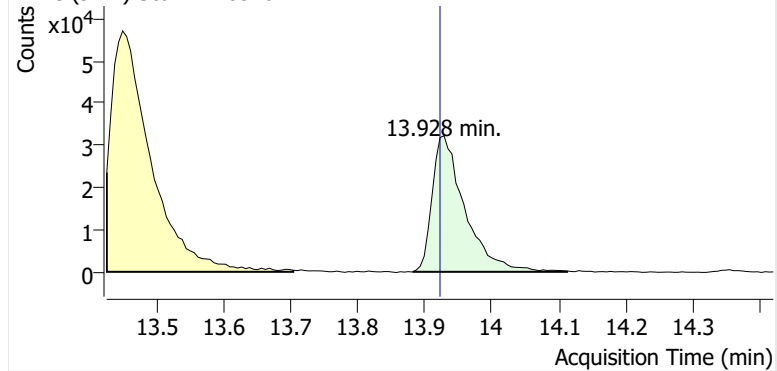


+ Scan (13.397-13.703 min, 52 scans) P2405267.D

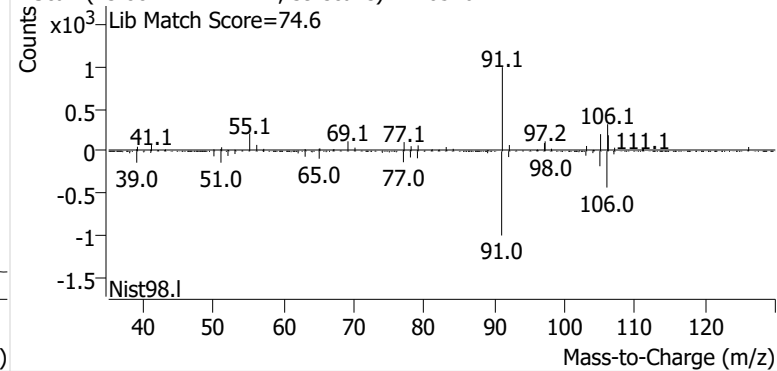


o-Xylene

+ EIC (91.1) Scan P2405267.D

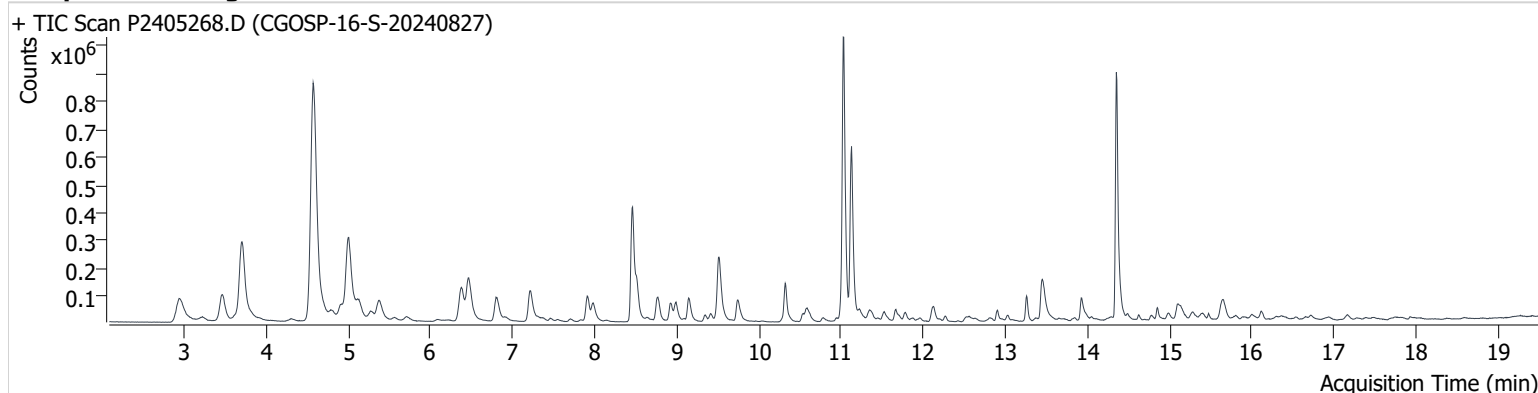


+ Scan (13.881-14.112 min, 39 scans) P2405267.D



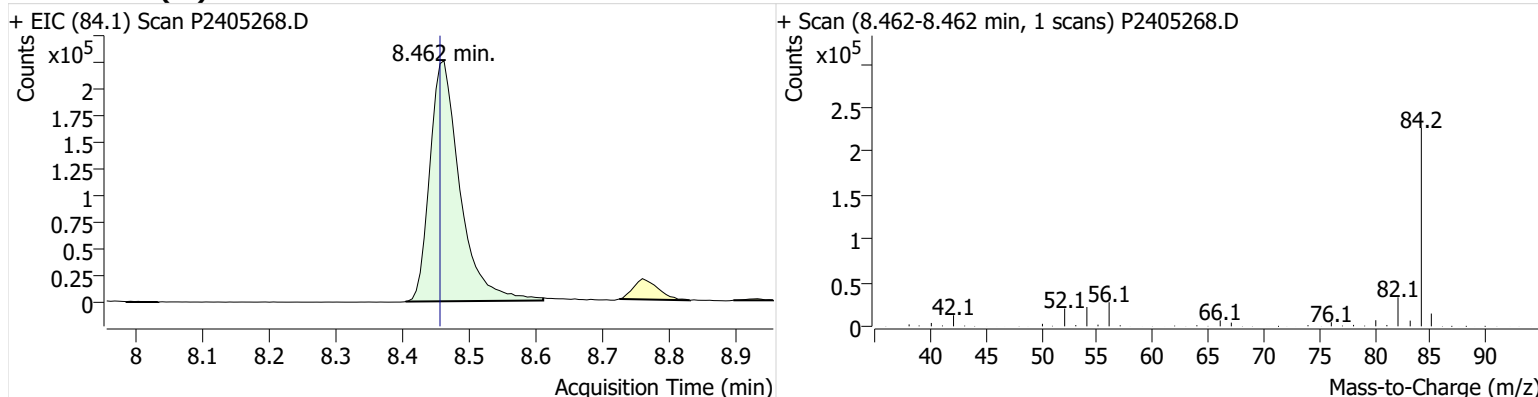
Name CGOSP-16-S-20240827
Comment C40681
Data File P2405268.D
Acq. Date-Time 9/18/2024 7:14:10 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

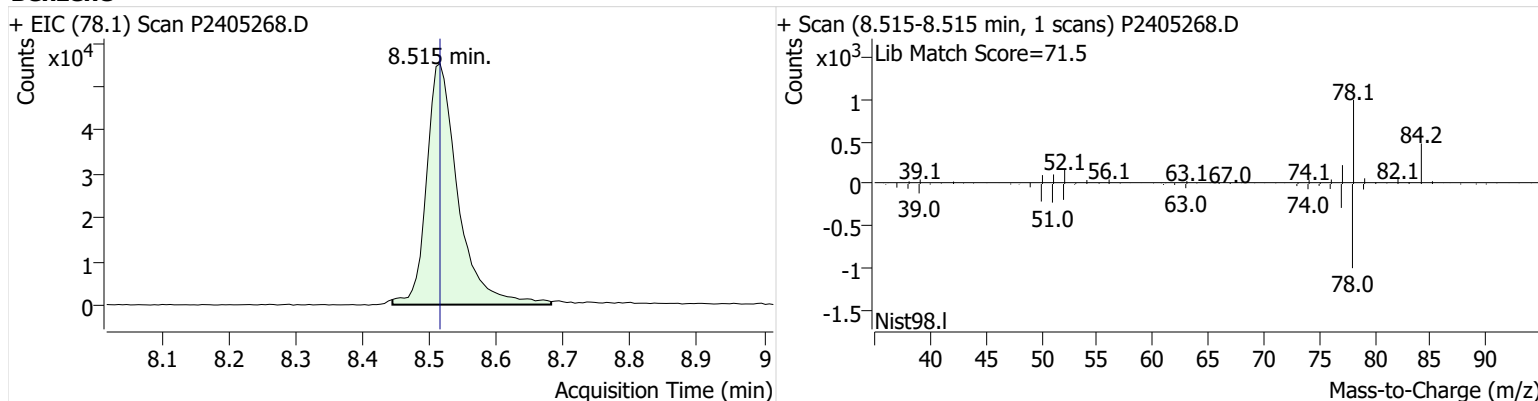


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	706,645	
Benzene	benzene-d6 (IS)	8.515	8.515	180,455	
Toluene-d8 (IS)		11.026	11.032	1,032,256	
Toluene	Toluene-d8 (IS)	11.127	11.121	602,053	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	90,982	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	226,300	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	97,817	

benzene-d6 (IS)

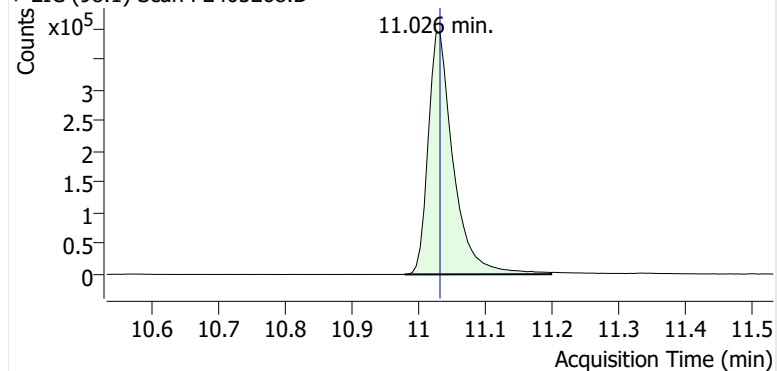


Benzene

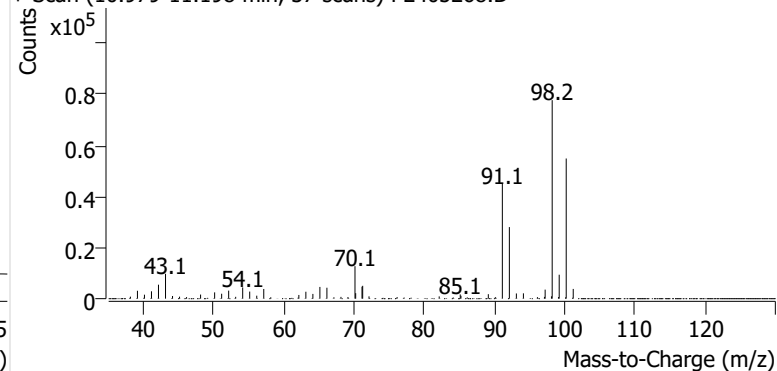


Toluene-d8 (IS)

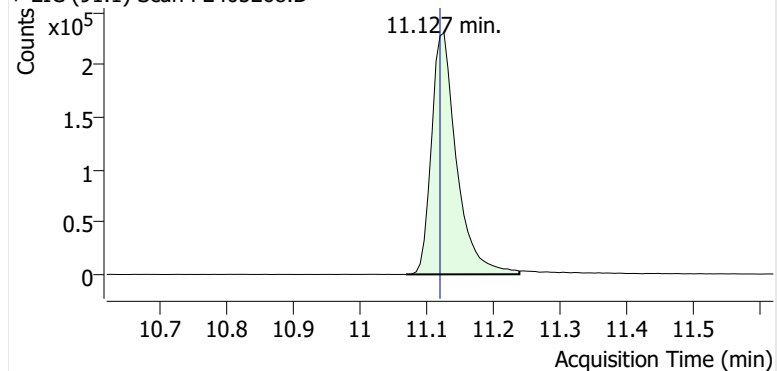
+ EIC (98.1) Scan P2405268.D



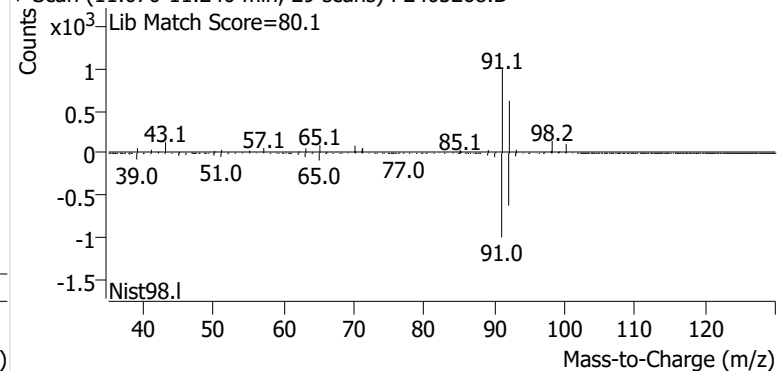
+ Scan (10.979-11.198 min, 37 scans) P2405268.D

**Toluene**

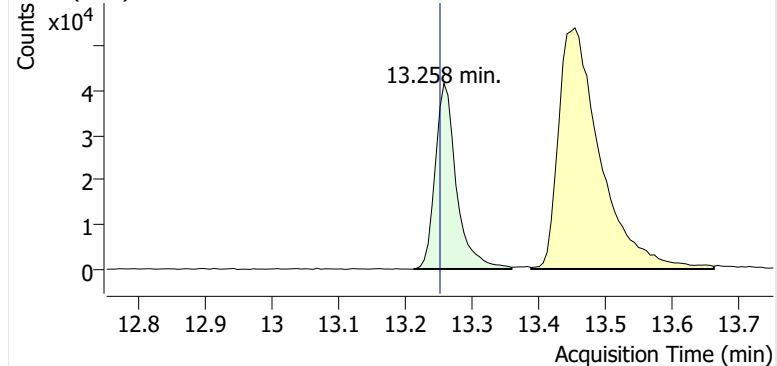
+ EIC (91.1) Scan P2405268.D



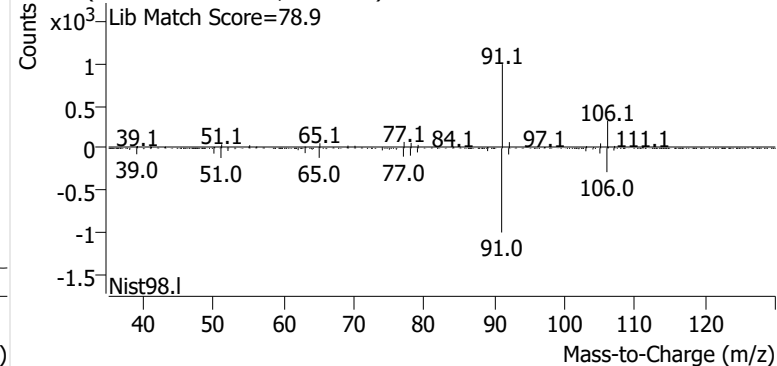
+ Scan (11.070-11.240 min, 29 scans) P2405268.D

**Ethylbenzene**

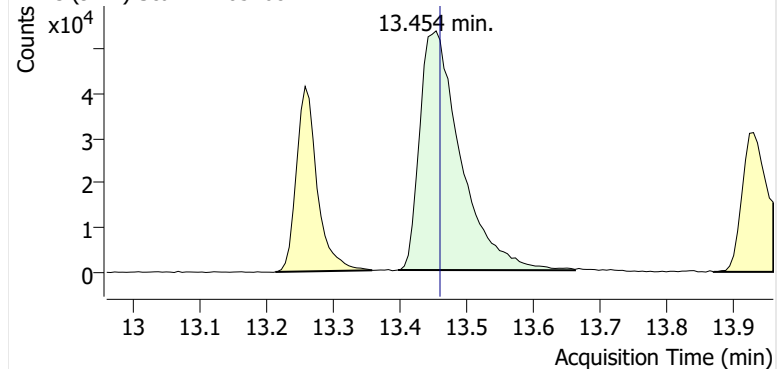
+ EIC (91.1) Scan P2405268.D



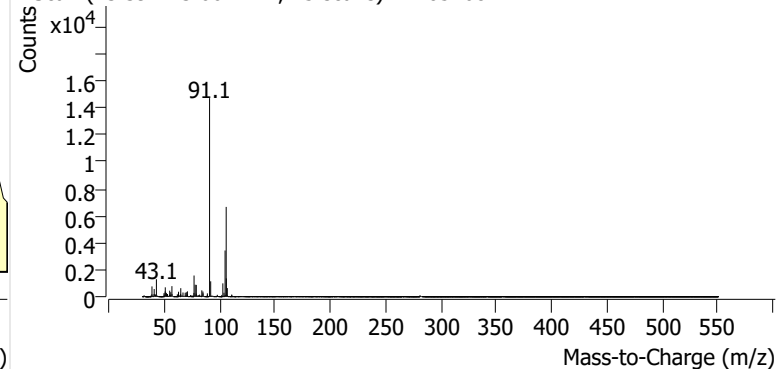
+ Scan (13.212-13.359 min, 25 scans) P2405268.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405268.D

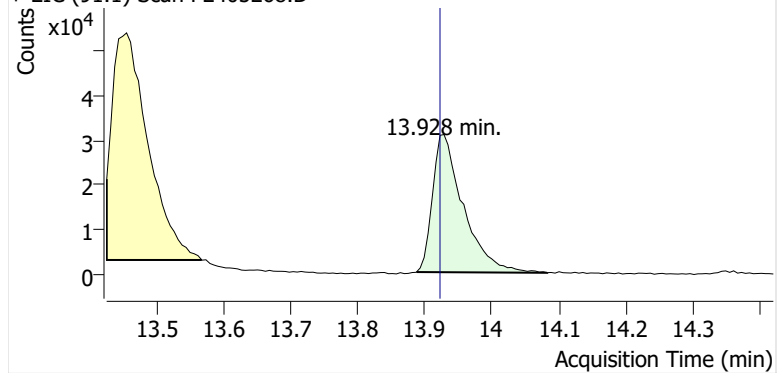


+ Scan (13.397-13.661 min, 45 scans) P2405268.D

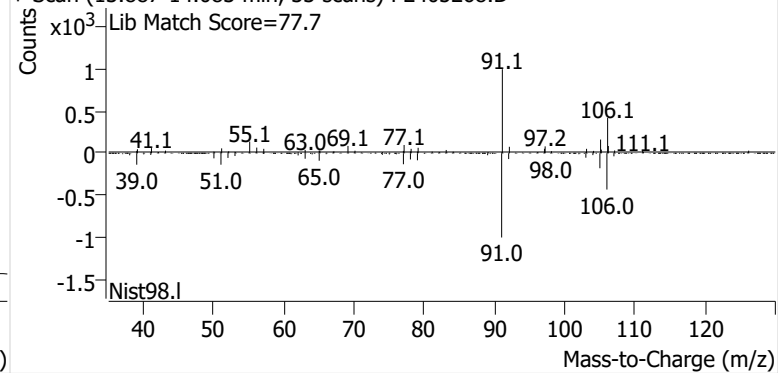


o-Xylene

+ EIC (91.1) Scan P2405268.D

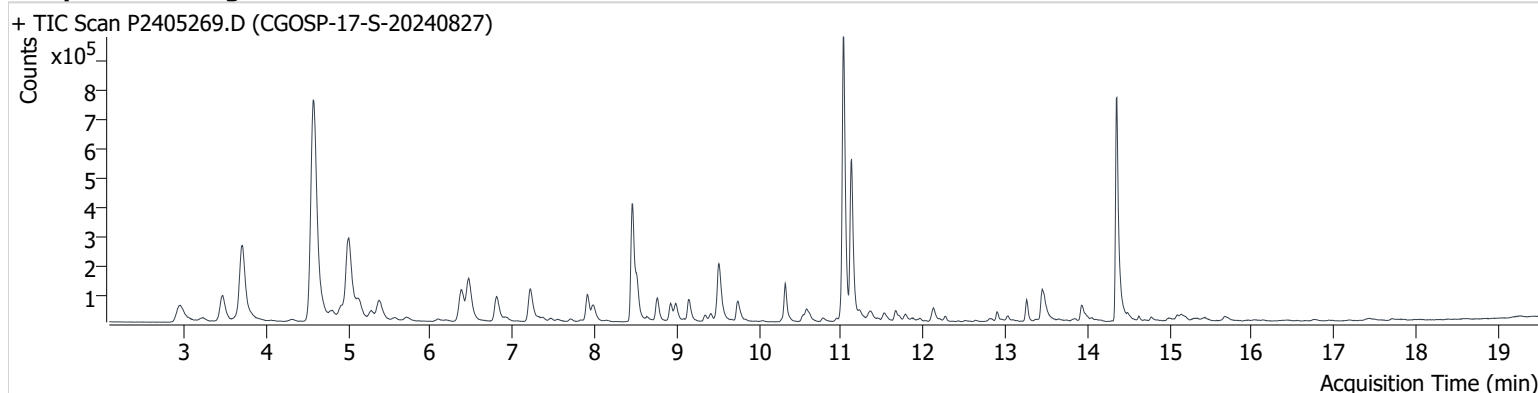


+ Scan (13.887-14.083 min, 33 scans) P2405268.D



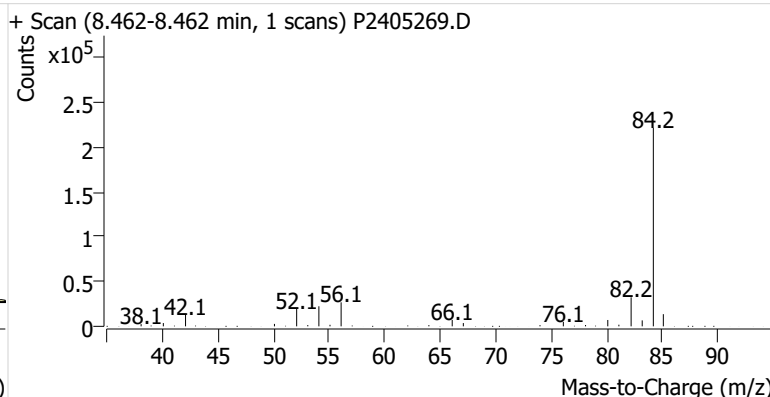
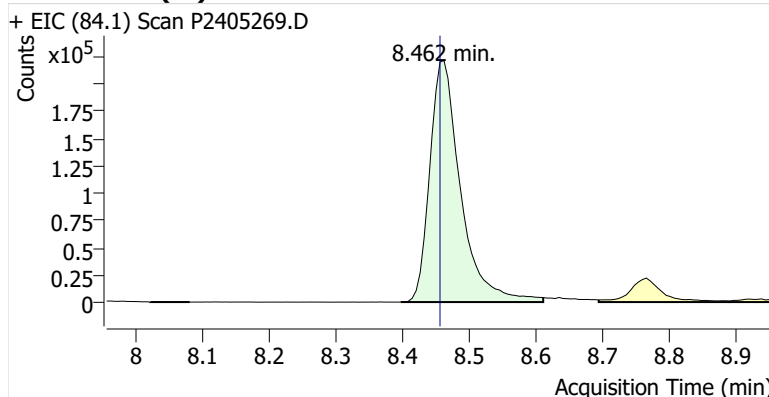
Name CGOSP-17-S-20240827
Comment B10449
Data File P2405269.D
Acq. Date-Time 9/18/2024 7:51:25 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

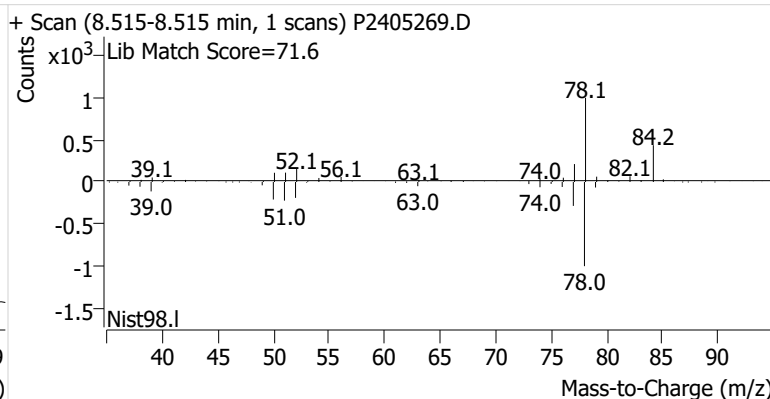
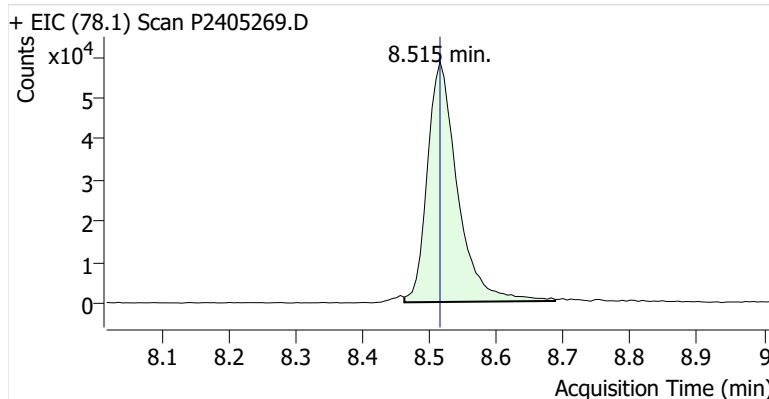


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	710,113	
Benzene	benzene-d6 (IS)	8.515	8.515	183,298	
Toluene-d8 (IS)		11.032	11.032	1,023,815	
Toluene	Toluene-d8 (IS)	11.121	11.121	561,718	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	77,045	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	179,531	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	79,234	

benzene-d6 (IS)

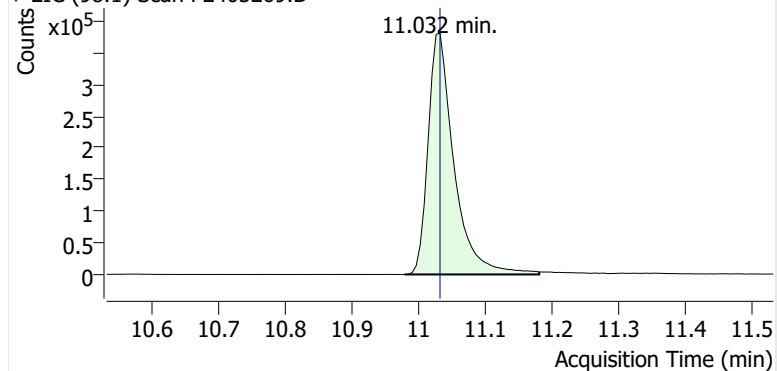


Benzene

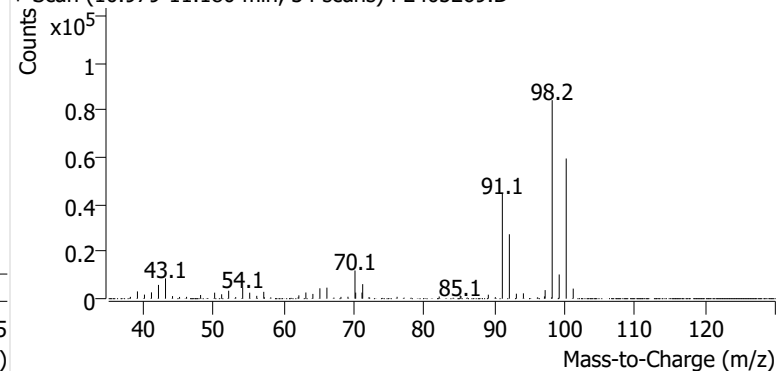


Toluene-d8 (IS)

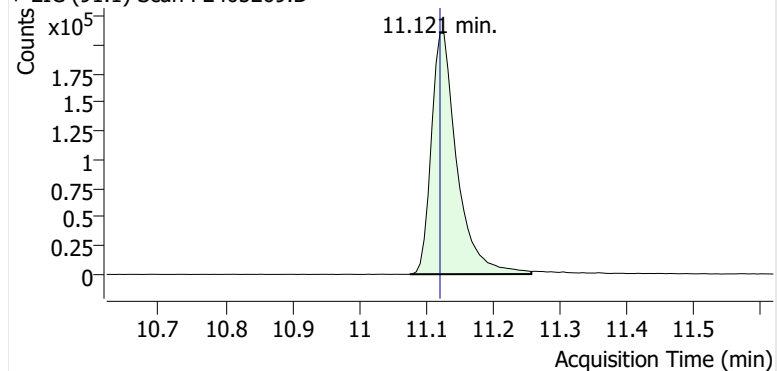
+ EIC (98.1) Scan P2405269.D



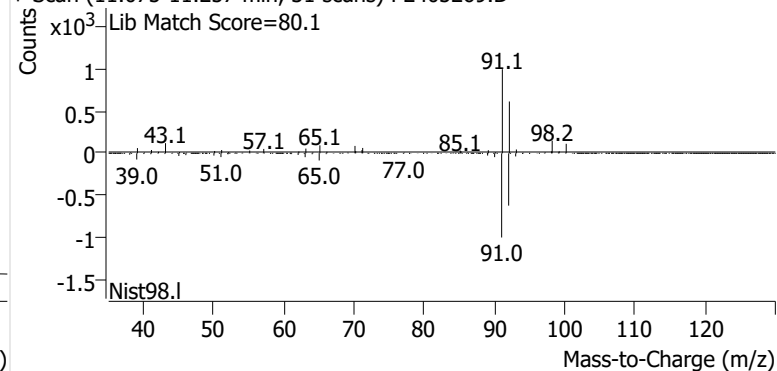
+ Scan (10.979-11.180 min, 34 scans) P2405269.D

**Toluene**

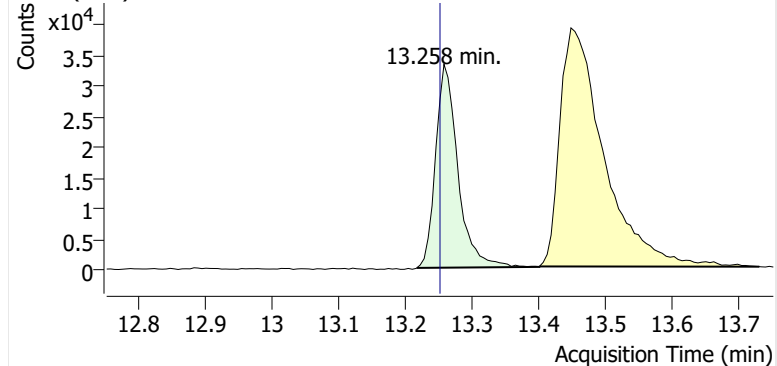
+ EIC (91.1) Scan P2405269.D



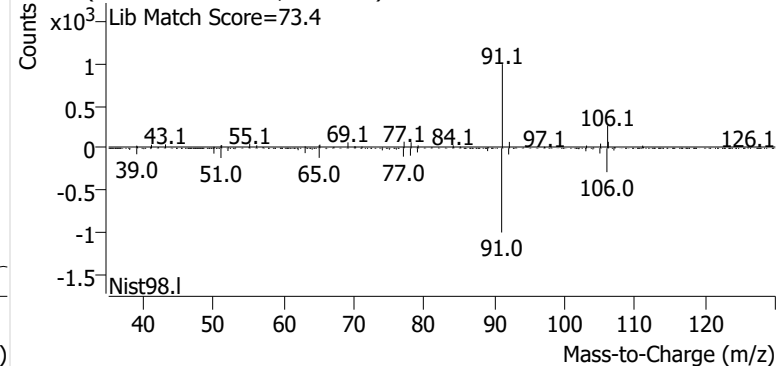
+ Scan (11.075-11.257 min, 31 scans) P2405269.D

**Ethylbenzene**

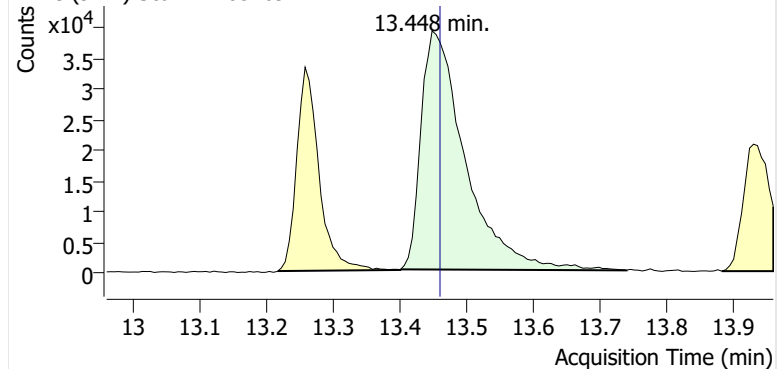
+ EIC (91.1) Scan P2405269.D



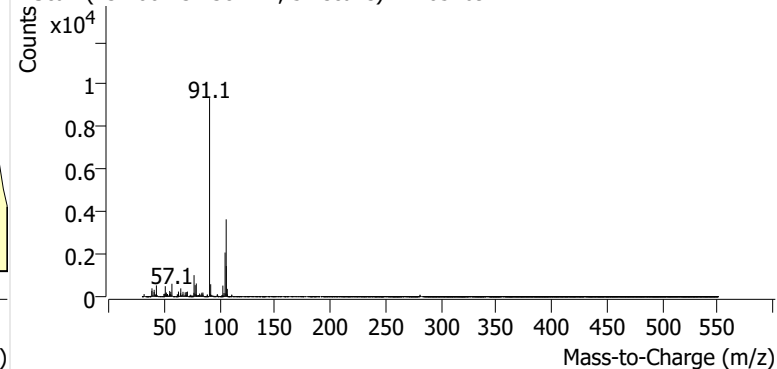
+ Scan (13.217-13.400 min, 31 scans) P2405269.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405269.D

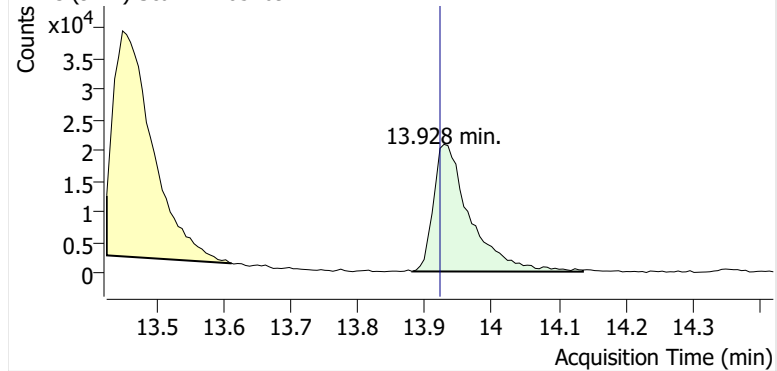


+ Scan (13.400-13.738 min, 57 scans) P2405269.D

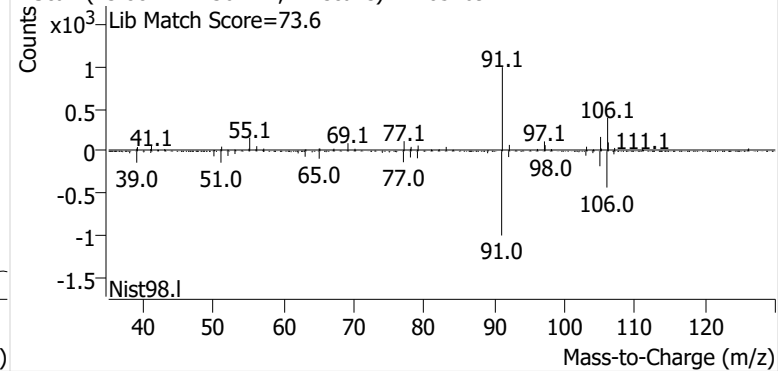


o-Xylene

+ EIC (91.1) Scan P2405269.D

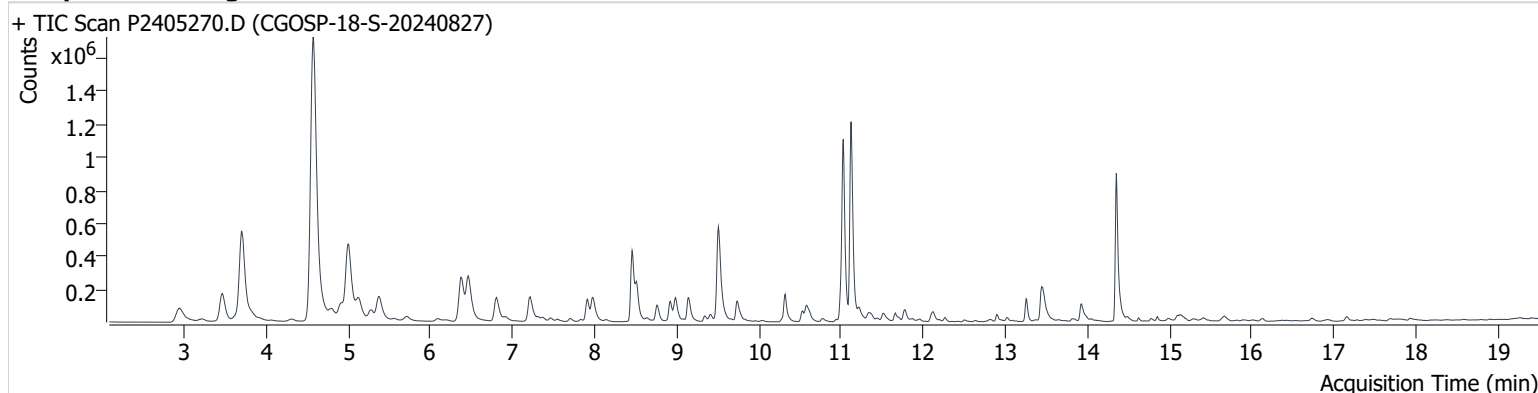


+ Scan (13.881-14.136 min, 44 scans) P2405269.D



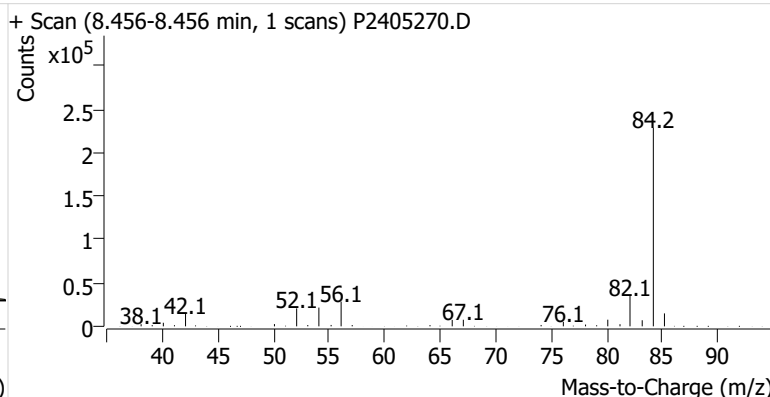
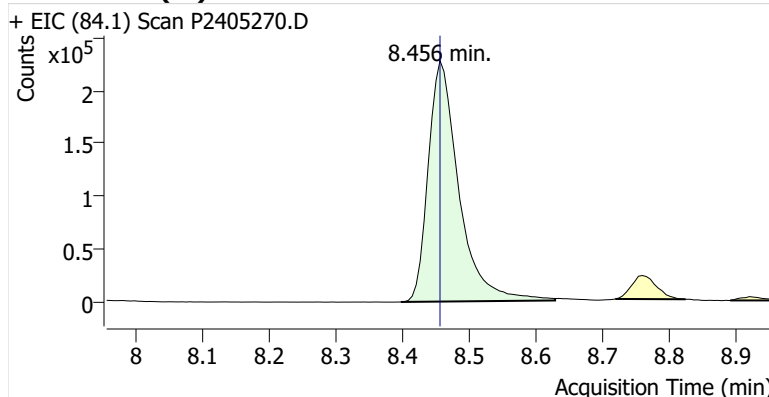
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Comment C40680
Data File P2405270.D
Acq. Date-Time 9/18/2024 8:28:52 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

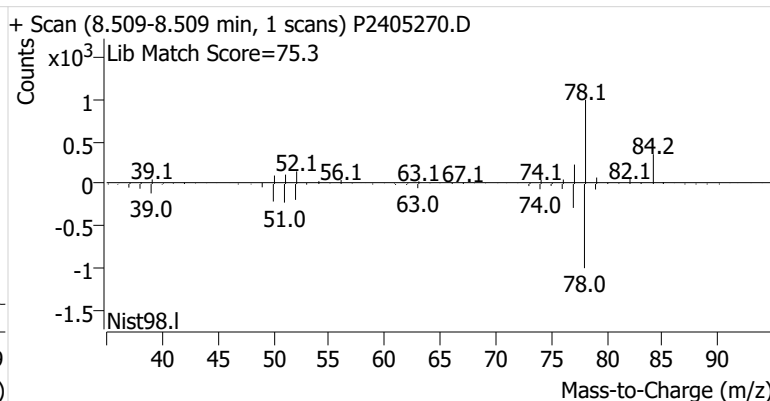
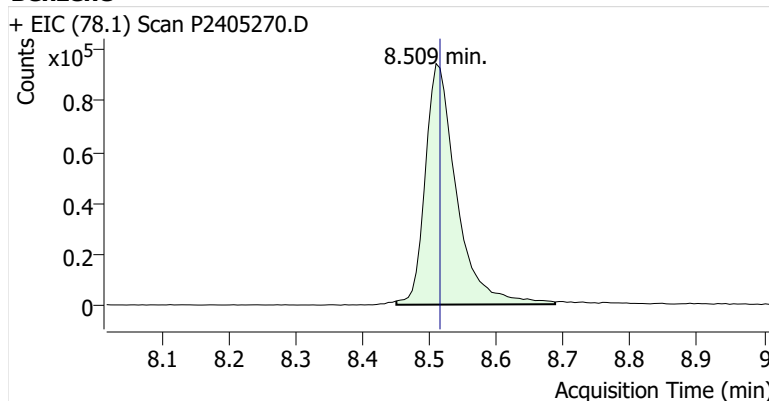


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	724,189	
Benzene	benzene-d6 (IS)	8.509	8.515	307,242	
Toluene-d8 (IS)		11.026	11.032	1,038,509	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,135,447	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	143,846	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	342,391	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	133,913	

benzene-d6 (IS)

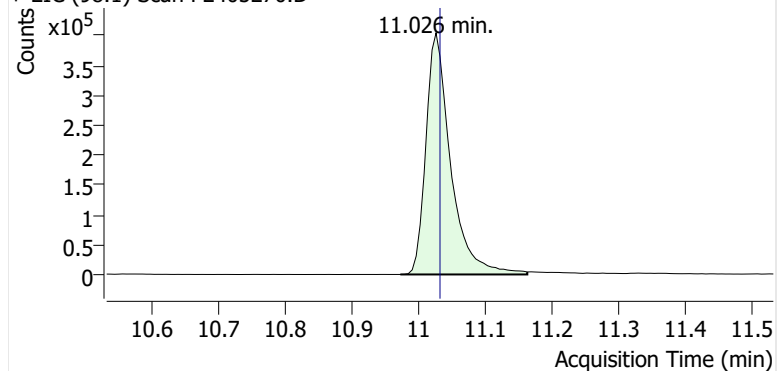


Benzene

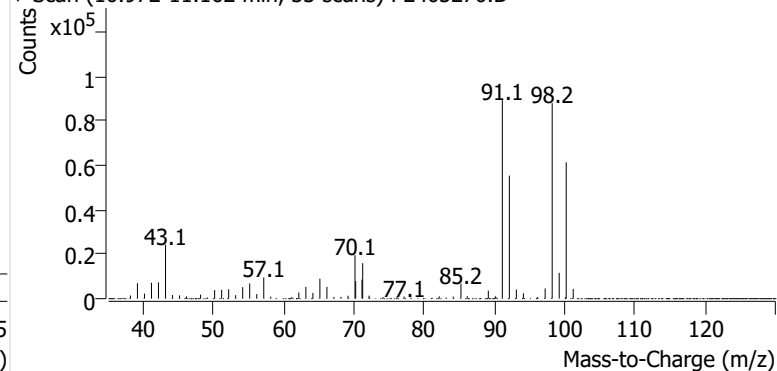


Toluene-d8 (IS)

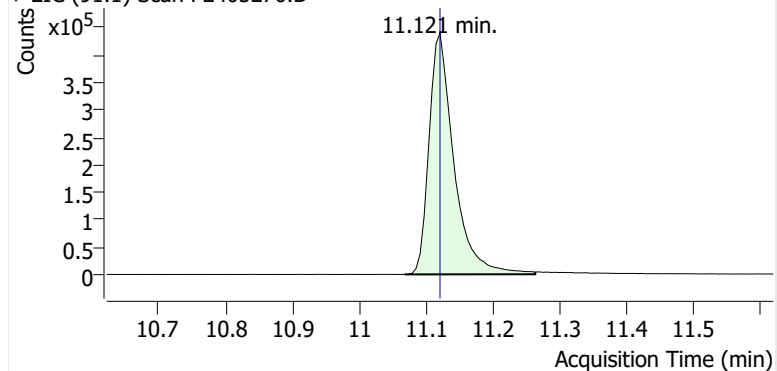
+ EIC (98.1) Scan P2405270.D



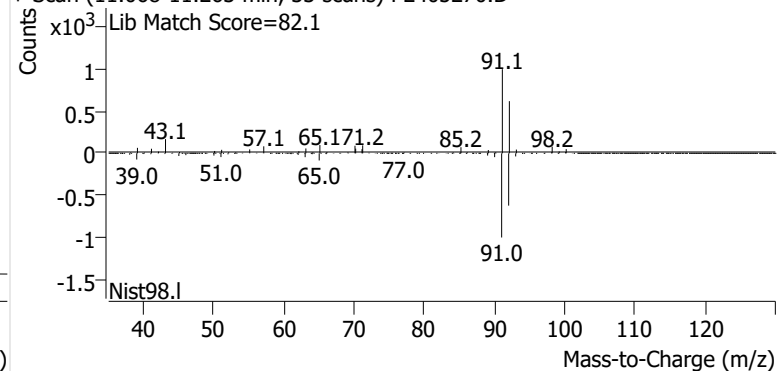
+ Scan (10.972-11.162 min, 33 scans) P2405270.D

**Toluene**

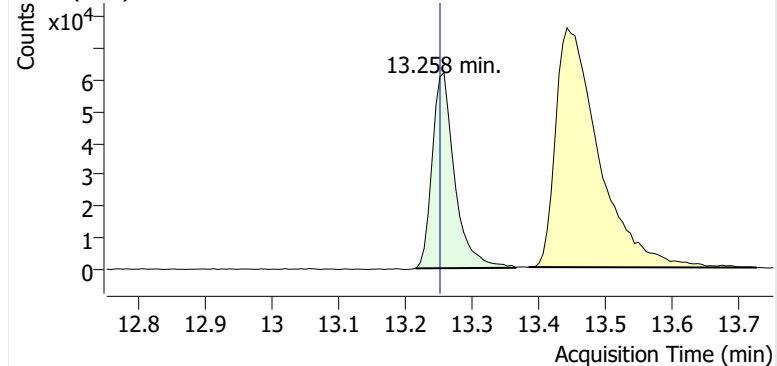
+ EIC (91.1) Scan P2405270.D



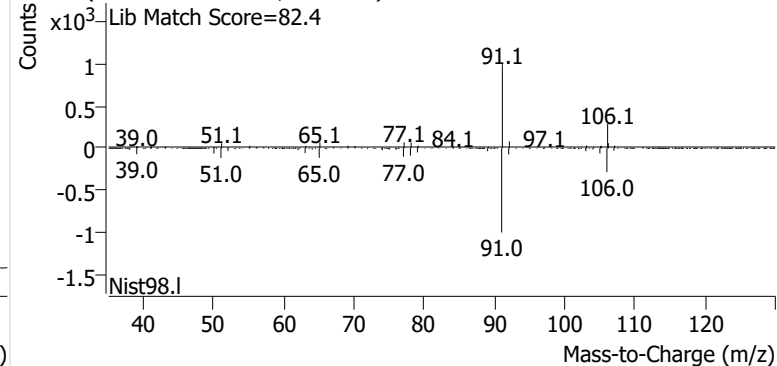
+ Scan (11.068-11.263 min, 33 scans) P2405270.D

**Ethylbenzene**

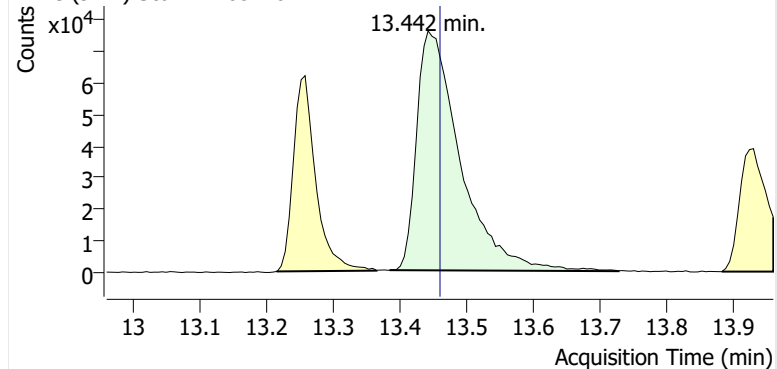
+ EIC (91.1) Scan P2405270.D



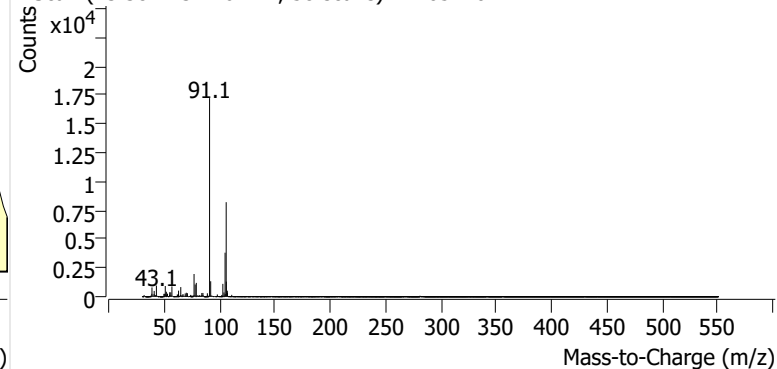
+ Scan (13.215-13.364 min, 26 scans) P2405270.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405270.D

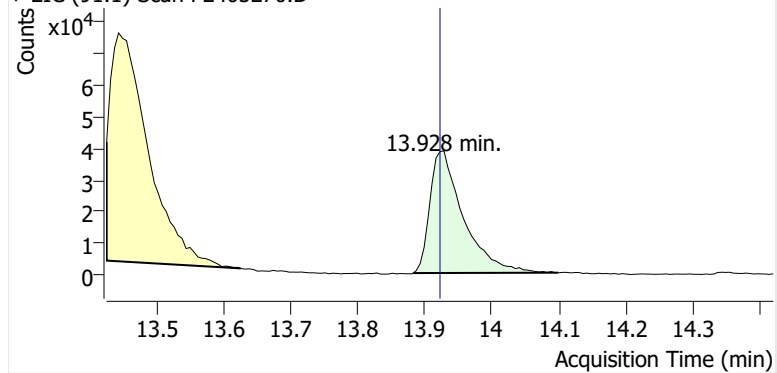


+ Scan (13.384-13.726 min, 58 scans) P2405270.D

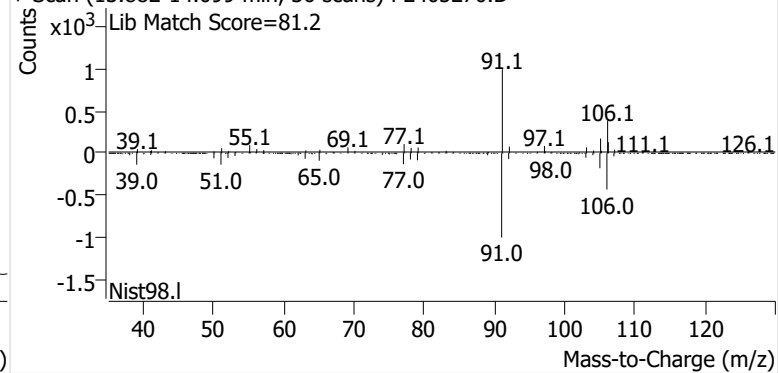


o-Xylene

+ EIC (91.1) Scan P2405270.D



+ Scan (13.882-14.099 min, 36 scans) P2405270.D



Calibration Summary Reports



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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	0.912	0.979	0.912	-6.9%	-1.6%		Pass	
2024FP306 Method Blank-1	Blank		0.979	0.912			-2.6%	Pass	ND
M325B CCV 5	Check	0.940	0.979	0.912	-4.0%		-3.7%	Pass	
M325B CCV 5	Check	0.940	0.979	0.912	-4.1%		-1.0%	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	0.892	0.951	0.892	-6.1%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.951	0.892			-3.4%	Pass	ND
M325B CCV 5	Check	0.889	0.951	0.892	-6.5%		-1.7%	Pass	
M325B CCV 5	Check	0.915	0.951	0.892	-3.8%		0.27%	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	0.631	0.677	0.631	-6.8%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.677	0.631			-3.4%	Pass	ND
M325B CCV 5	Check	0.652	0.677	0.631	-3.7%		-1.7%	Pass	
M325B CCV 5	Check	0.650	0.677	0.631	-3.9%		0.27%	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	0.685	0.720	0.685	-4.9%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.720	0.685			-3.4%	Pass	ND
M325B CCV 5	Check	0.692	0.720	0.685	-4.0%		-1.7%	Pass	
M325B CCV 5	Check	0.722	0.720	0.685	0.24%		0.27%	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	0.832	0.898	0.832	-7.3%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.898	0.832			-3.4%	Fail	
M325B CCV 5	Check	0.821	0.898	0.832	-8.6%		-1.7%	Pass	
M325B CCV 5	Check	0.845	0.898	0.832	-6.0%		0.27%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A BTEX.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A BTEX.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A BTEX.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A BTEX.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A BTEX.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A BTEX.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A BTEX.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A BTEX.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A BTEX.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A BTEX.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A BTEX.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	m-/p-Xylene	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A BTEX.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A BTEX.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A BTEX.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A BTEX.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A BTEX.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A BTEX.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A BTEX.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A BTEX.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A BTEX.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A BTEX.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A BTEX.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A BTEX.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A BTEX.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A BTEX.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A BTEX.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A BTEX.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A BTEX.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

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

CITGO – South Portland Terminal

102 Mechanic St.
South Portland, ME 04106

Sampling Event 9
PROJ-031602

**Analytical Report
(2024FP306)**

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)

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QA REVIEW PERFORMED BY

Brianna Berry
QA Associate I

Report Issued: 09/24/2024



Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2024FP306-1 EPA Method 325B Analysis
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzen e	Flag	m-/p-Xylene (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
CGOSP-1-S-20240827	C38941	1.90		1.73		6.50		2.68		11.9	
CGOSP-2-S-20240827	B46339	1.28		1.21		4.36		2.13		5.66	
CGOSP-3-S-20240827	C40588	1.70		1.45		5.53		2.29		13.5	
CGOSP-3-D-20240827	C38930	1.66		1.48		5.63		2.43		17.5	
CGOSP-3-B-20240827	C00566		ND		ND		ND		ND		ND
CGOSP-4-S-20240827	B29322	2.40		1.98		6.43		2.56		9.07	
CGOSP-5-S-20240827	C32711	2.96		2.42		6.64		2.52		11.9	
CGOSP-6-S-20240827	B46873	2.88		2.40		7.09		2.82		10.9	
CGOSP-7-S-20240827	C01661	3.34		2.27		7.25		2.72		14.1	
CGOSP-8-S-20240827	C20468	3.64		2.25		7.64		2.75		18.4	
CGOSP-9-S-20240827	C20511	2.63		1.72		6.14		2.57		10.5	
CGOSP-9-D-20240827	B37568	2.90		1.66		5.65		2.01		13.4	
CGOSP-9-B-20240827	B38435		ND		ND		ND		ND		ND
CGOSP-10-S-20240827	C01301	2.09		1.19		4.21		1.65		7.89	
CGOSP-11-S-20240827	C32840	1.86		1.37		4.93		1.99		7.81	
CGOSP-12-S-20240827	C24115	1.59		1.29		4.75		1.93		5.80	
CGOSP-13-S-20240827	B20669	1.47		1.77		5.98		2.72		8.90	
CGOSP-14-S-20240827	C24240	1.50		1.15		3.71		1.42		5.72	
CGOSP-15-S-20240827	C37497	1.56		1.55		4.30		1.82		7.06	
CGOSP-16-S-20240827	C40681	1.93		1.17		4.11		1.63		7.32	
CGOSP-17-S-20240827	B10449	1.95		0.997		3.29		1.34		6.90	
CGOSP-18-S-20240827	C40680	3.20		1.83		6.18		2.22		13.7	

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

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	1.90	0.594	25.3	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-2-S-20240827	B46339	1.28	0.402	17.1	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-S-20240827	C40588	1.70	0.531	22.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-D-20240827	C38930	1.66	0.521	22.2	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-3-B-20240827	C00566				63.9	0.662	20,140	0.188	0.389	0.0588	0.122	ND
CGOSP-4-S-20240827	B29322	2.40	0.751	31.9	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-5-S-20240827	C32711	2.96	0.928	39.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-6-S-20240827	B46873	2.88	0.902	38.4	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-7-S-20240827	C01661	3.34	1.04	44.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-8-S-20240827	C20468	3.64	1.14	48.5	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-S-20240827	C20511	2.63	0.822	35.0	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-D-20240827	B37568	2.90	0.908	38.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-9-B-20240827	B38435				63.9	0.662	20,140	0.188	0.389	0.0588	0.122	ND
CGOSP-10-S-20240827	C01301	2.09	0.654	27.8	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-11-S-20240827	C32840	1.86	0.584	24.8	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-12-S-20240827	C24115	1.59	0.499	21.2	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-13-S-20240827	B20669	1.47	0.460	19.6	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-14-S-20240827	C24240	1.50	0.470	20.0	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-15-S-20240827	C37497	1.56	0.487	20.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-16-S-20240827	C40681	1.93	0.603	25.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	
CGOSP-17-S-20240827	B10449	1.95	0.611	26.0	63.8	0.662	20,120	0.188	0.390	0.0588	0.122	
CGOSP-18-S-20240827	C40680	3.20	1.00	42.7	63.9	0.662	20,140	0.188	0.389	0.0588	0.122	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	1.73	0.399	15.9	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-2-S-20240827	B46339	1.21	0.279	11.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-S-20240827	C40588	1.45	0.335	13.3	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-D-20240827	C38930	1.48	0.341	13.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.583	0.0630	0.134	ND
CGOSP-4-S-20240827	B29322	1.98	0.455	18.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-5-S-20240827	C32711	2.42	0.558	22.1	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-6-S-20240827	B46873	2.40	0.553	22.0	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-7-S-20240827	C01661	2.27	0.523	20.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-8-S-20240827	C20468	2.25	0.519	20.6	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-S-20240827	C20511	1.72	0.397	15.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-D-20240827	B37568	1.66	0.383	15.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.583	0.0630	0.134	ND
CGOSP-10-S-20240827	C01301	1.19	0.275	10.9	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-11-S-20240827	C32840	1.37	0.315	12.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-12-S-20240827	C24115	1.29	0.297	11.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-13-S-20240827	B20669	1.77	0.408	16.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-14-S-20240827	C24240	1.15	0.264	10.5	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-15-S-20240827	C37497	1.55	0.356	14.2	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-16-S-20240827	C40681	1.17	0.269	10.7	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	
CGOSP-17-S-20240827	B10449	0.997	0.230	9.12	63.8	0.454	20,120	0.273	0.583	0.0630	0.134	
CGOSP-18-S-20240827	C40680	1.83	0.423	16.8	63.9	0.454	20,140	0.273	0.583	0.0630	0.134	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	6.50	1.50	59.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-2-S-20240827	B46339	4.36	1.00	39.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-S-20240827	C40588	5.53	1.27	50.6	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-D-20240827	C38930	5.63	1.30	51.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.587	0.0630	0.135	ND
CGOSP-4-S-20240827	B29322	6.43	1.48	58.8	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-5-S-20240827	C32711	6.64	1.53	60.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-6-S-20240827	B46873	7.09	1.63	64.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-7-S-20240827	C01661	7.25	1.67	66.3	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-8-S-20240827	C20468	7.64	1.76	69.9	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-S-20240827	C20511	6.14	1.41	56.1	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-D-20240827	B37568	5.65	1.30	51.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.587	0.0630	0.135	ND
CGOSP-10-S-20240827	C01301	4.21	0.970	38.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-11-S-20240827	C32840	4.93	1.14	45.1	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-12-S-20240827	C24115	4.75	1.09	43.4	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-13-S-20240827	B20669	5.98	1.38	54.7	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-14-S-20240827	C24240	3.71	0.856	34.0	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-15-S-20240827	C37497	4.30	0.991	39.3	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-16-S-20240827	C40681	4.11	0.947	37.6	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	
CGOSP-17-S-20240827	B10449	3.29	0.758	30.1	63.8	0.454	20,120	0.273	0.587	0.0630	0.135	
CGOSP-18-S-20240827	C40680	6.18	1.42	56.5	63.9	0.454	20,140	0.273	0.587	0.0630	0.135	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	2.68	0.618	24.6	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-2-S-20240827	B46339	2.13	0.490	19.5	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-S-20240827	C40588	2.29	0.527	20.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-D-20240827	C38930	2.43	0.559	22.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-3-B-20240827	C00566				63.9	0.454	20,140	0.273	0.590	0.0630	0.136	ND
CGOSP-4-S-20240827	B29322	2.56	0.590	23.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-5-S-20240827	C32711	2.52	0.581	23.1	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-6-S-20240827	B46873	2.82	0.651	25.8	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-7-S-20240827	C01661	2.72	0.626	24.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-8-S-20240827	C20468	2.75	0.634	25.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-S-20240827	C20511	2.57	0.592	23.5	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-D-20240827	B37568	2.01	0.463	18.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-9-B-20240827	B38435				63.9	0.454	20,140	0.273	0.590	0.0630	0.136	ND
CGOSP-10-S-20240827	C01301	1.65	0.380	15.1	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-11-S-20240827	C32840	1.99	0.458	18.2	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-12-S-20240827	C24115	1.93	0.445	17.7	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-13-S-20240827	B20669	2.72	0.626	24.9	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-14-S-20240827	C24240	1.42	0.328	13.0	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-15-S-20240827	C37497	1.82	0.419	16.6	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-16-S-20240827	C40681	1.63	0.377	15.0	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	
CGOSP-17-S-20240827	B10449	1.34	0.308	12.2	63.8	0.454	20,120	0.273	0.590	0.0630	0.136	
CGOSP-18-S-20240827	C40680	2.22	0.513	20.4	63.9	0.454	20,140	0.273	0.590	0.0630	0.136	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

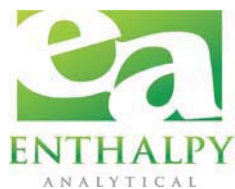
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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
CGOSP-1-S-20240827	C38941	11.9	3.16	123	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-2-S-20240827	B46339	5.66	1.50	58.6	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-S-20240827	C40588	13.5	3.58	139	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-D-20240827	C38930	17.5	4.63	181	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-3-B-20240827	C00566				63.9	0.514	20,140	0.242	0.521	0.0642	0.138	ND
CGOSP-4-S-20240827	B29322	9.07	2.41	93.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-5-S-20240827	C32711	11.9	3.16	123	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-6-S-20240827	B46873	10.9	2.90	113	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-7-S-20240827	C01661	14.1	3.75	146	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-8-S-20240827	C20468	18.4	4.89	190	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-S-20240827	C20511	10.5	2.78	108	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-D-20240827	B37568	13.4	3.56	139	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-9-B-20240827	B38435				63.9	0.514	20,140	0.242	0.521	0.0642	0.138	ND
CGOSP-10-S-20240827	C01301	7.89	2.10	81.6	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-11-S-20240827	C32840	7.81	2.07	80.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-12-S-20240827	C24115	5.80	1.54	60.0	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-13-S-20240827	B20669	8.90	2.36	92.0	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-14-S-20240827	C24240	5.72	1.52	59.2	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-15-S-20240827	C37497	7.06	1.88	73.1	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-16-S-20240827	C40681	7.32	1.94	75.8	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	
CGOSP-17-S-20240827	B10449	6.90	1.83	71.3	63.8	0.514	20,120	0.242	0.522	0.0642	0.138	
CGOSP-18-S-20240827	C40680	13.7	3.65	142	63.9	0.514	20,140	0.242	0.521	0.0642	0.138	

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

QC



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2024FP306-1 EPA Method 325B Analysis
Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	CGOSP-3-B-20240827	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	CGOSP-9-B-20240827	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	CGOSP-3-D-20240827	1.9%	Pass	1.9%	Pass	1.9%	Pass	5.9%	Pass	26%	Pass
	CGOSP-9-D-20240827	9.9%	Pass	3.6%	Pass	8.2%	Pass	25%	Pass	25%	Pass

Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	CITGO – South Portland Terminal
Project	PROJ-031602
Report #	2024FP306

Custody	Enthalpy Analytical, LLC received the sample tubes on 09/13/24. The samples were received in good condition at a temperature of 21.4 °C. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, 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-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below. Toluene was detected in the method blank (tube ID B18733). The source of the contamination is not known but could be the result of artifacts on the tube, media/sample handling, analytical bias, or a combination thereof. Toluene met method criteria in the field blank analyzed immediately after this method blank, confirming that the analytical system is clean, and free from contamination. The lab believes that the sample data is not affected by the detection in the method blank.
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.



Enthalpy Analytical Narrative Summary (continued)

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



2024FP306



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

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:	C490 So Portland	Client Name:	Montrose Air	PO#:	
Site Address:	107 Mechanic Street	Project Number:	PROJ - 031602	Sample Event #	
City:	So Portland	Project Manager:	Haig Brown	Sorbent:	
State:	Maine	Email Address:	haig.brown@enthalpy.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)
1	C38941	S	8/27/24	12:15	9/10/24	11:55	HFB/HV		
2	B46339	S	8/27/24	12:20	9/10/24	12:00	HFB/HV		
3	C40588	S	8/27/24	12:25	9/10/24	12:05	HFB/HV		
3	C38930	D	8/27/24	12:25	9/10/24	12:05	HFB/HV		
3	C00566	B	8/27/24	12:25	9/10/24	12:05	HFB/HV		
4	B29322	S	8/27/24	12:30	9/10/24	12:10	HFB/HV		
5	C32711	S	8/27/24	12:35	9/10/24	12:15	HFB/HV		
6	B46873	S	8/27/24	12:40	9/10/24	12:20	HFB/HV		

Relinquished By (printed):		Relinquished By (signature):		Relinquished Date:		Relinquished Time:	
Haig Brown				9/10/2024		16:30	
Received By (printed):		Received By (signature):		Receipt Date:		Receipt Time:	
Regan Allen				9/13/2024		10:00	
Sample Condition Upon Receipt:		Compound List:		Custody Seal intact? Y/N:		Delivery tracking #	
Good				Yes			
Ice Temp:	Blank Temp:			Add Custody Seal # below:			
	21.4	Fluke 7A		24A00680			

Comments:



EPA Method 325 A/B

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: Citgo So Portland	Client Name: Montrose AN	PO#:
Site Address: 107 Mechanic Street	Project Number: PROJ-031602	Sample Event #
City: So Portland	Project Manager: Hwig BROUW	Sorbent:
State: Maine	Email Address: hwbrouw@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)
7	C01661	S	8/27/24	12:45	9/10/24	12:25	HFB1/HFB		
8	C20468	S	8/27/24	12:50	9/10/24	12:30	HFB1/HFB		
9	C20511	S	8/27/24	12:55	9/10/24	12:35	HFB1/HFB		
9	B37568	D	8/27/24	12:55	9/10/24	12:35	HFB1/HFB		
9	B38435	B	8/27/24	12:55	9/10/24	12:35	HFB1/HFB		
10	C01301	S	8/27/24	1:00	9/10/24	12:40	HFB1/HFB		
11	C32840	S	8/27/24	1:05	9/10/24	12:45	HFB1/HFB		
12	C24115	S	8/27/24	1:10	9/10/24	12:50	HFB1/HFB		

Relinquished By (printed): Hwig BROUW	Relinquished By (signature):	Relinquished Date: 9/10/2024	Relinquished Time: 16:30
Received By (printed): Regan Allen	Received By (signature):	Receipt Date: 9/13/2024	Receipt Time: 10:00

Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Yes	Delivery tracking #
Ice Temp: Blank Temp: 21.4 Fluice 7A		Add Custody Seal # below: 24A000680	
Comments:			



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

Page # 3 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: <u>Citgo So Portland</u>	Client Name: <u>Montrose Air</u>	PO#:
Site Address: <u>107 Mechanic Street</u>	Project Number: <u>PROJ-031602</u>	Sample Event #
City: <u>So Portland</u>	Project Manager: <u>Haley Brown</u>	Sorbent:
State: <u>Maine</u>	Email Address: <u>h.brown@montrose-env.com</u>	
Zip: <u>04106</u>	Telephone #: <u>207 441 0025</u>	

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	B20669	S	8/27/24	1:15	9/10/24	12:55	HFB/HB		
14	C24240	S	8/27/24	1:20	9/10/24	13:00	HFB/HB		
15	C37497	S	8/27/24	1:25	9/10/24	13:05	HFB/HB		
16	C40681	S	8/27/24	1:30	9/10/24	13:10	HFB/HB		
17	B10449	S	8/27/24	1:35	9/10/24	13:15	HFB/HB		
18	C40680	S	8/27/24	1:40	9/10/24	13:20	HFB/HB		
							HFB/HB		
							HFB/HB		

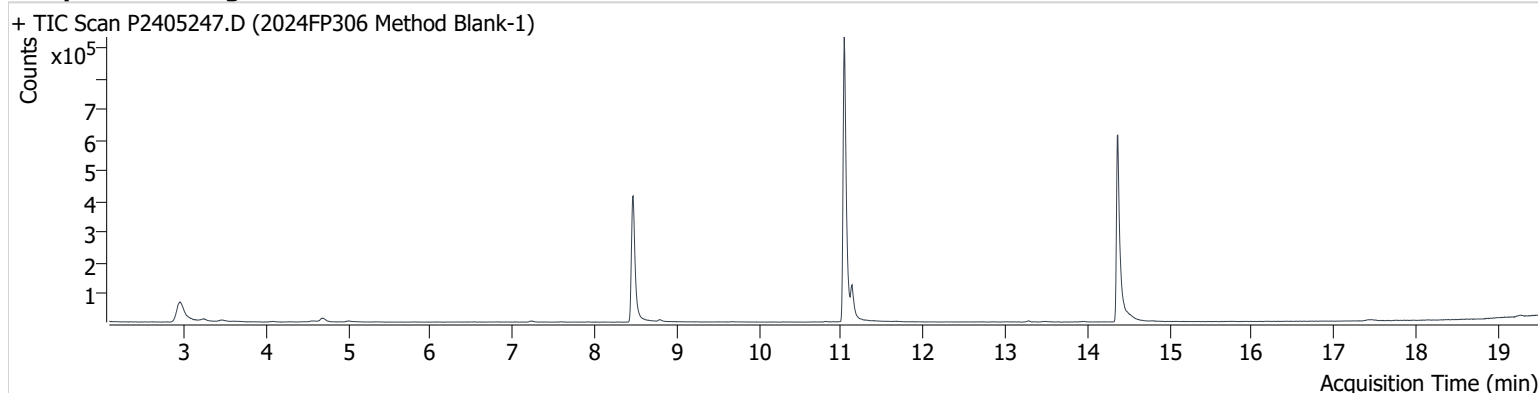
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Sample Condition Upon Receipt: <u>Good</u>		Compound List:		Custody Seal intact? Y/N: <u>Yes</u>	Delivery tracking #
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Comments:					

Sample Chromatograms



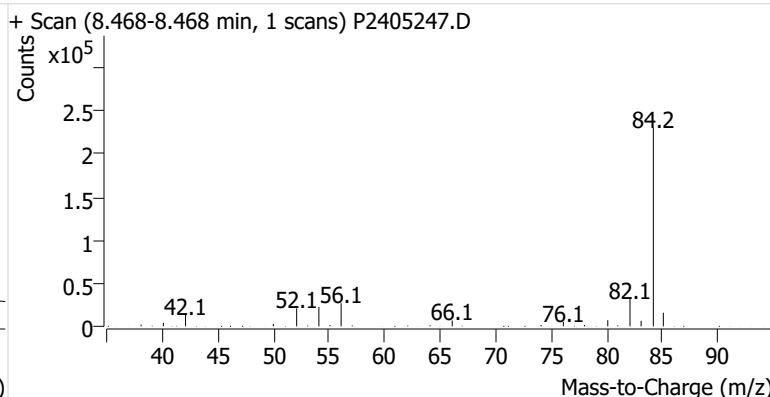
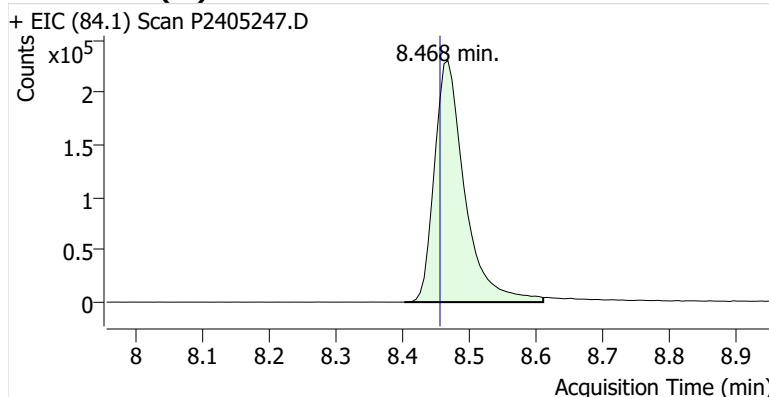
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Comment B18733
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Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

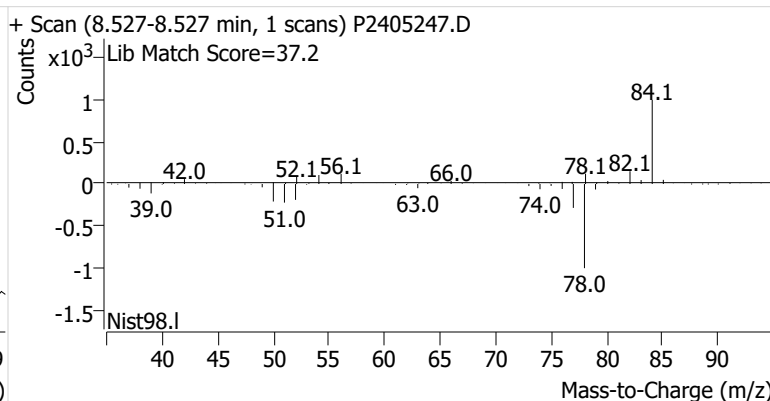
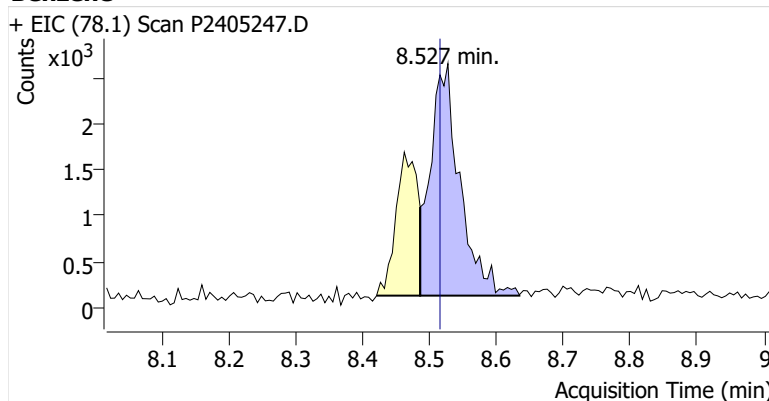


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.468	8.456	727,355	
Benzene	benzene-d6 (IS)	8.527	8.515	7,831	
Toluene-d8 (IS)		11.038	11.032	1,022,242	
Toluene	Toluene-d8 (IS)	11.133	11.121	115,661	
Ethylbenzene	Toluene-d8 (IS)	13.281	13.252	4,339	
m-/p-Xylene	Toluene-d8 (IS)	13.483	13.459	3,397	
o-Xylene	Toluene-d8 (IS)	13.940	13.922	2,278	

benzene-d6 (IS)

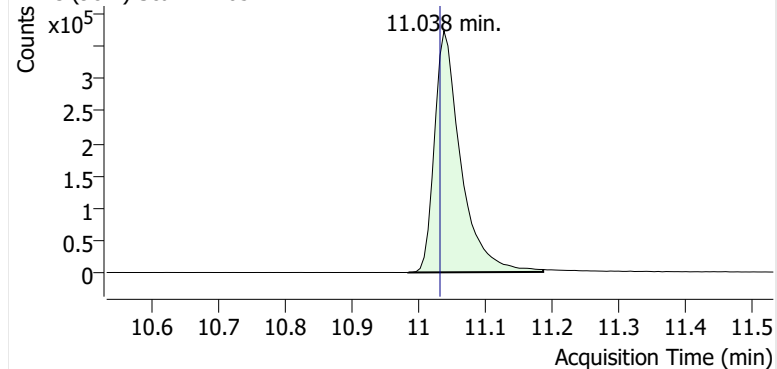


Benzene

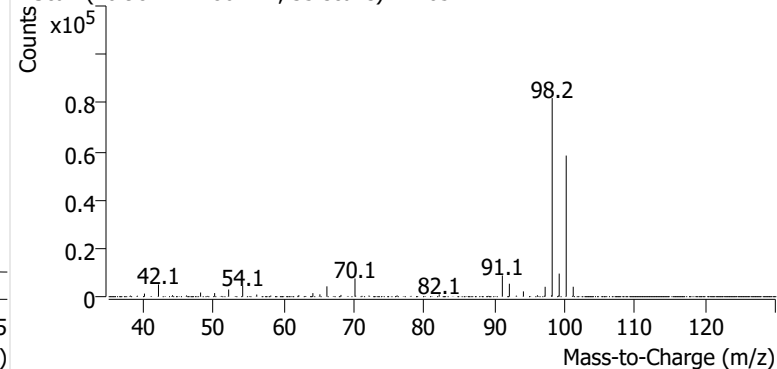


Toluene-d8 (IS)

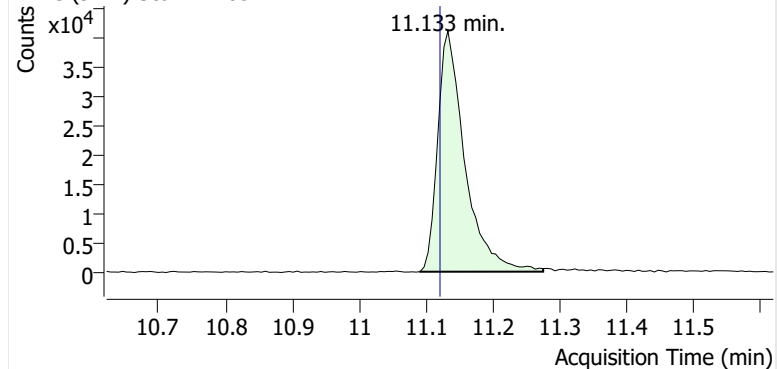
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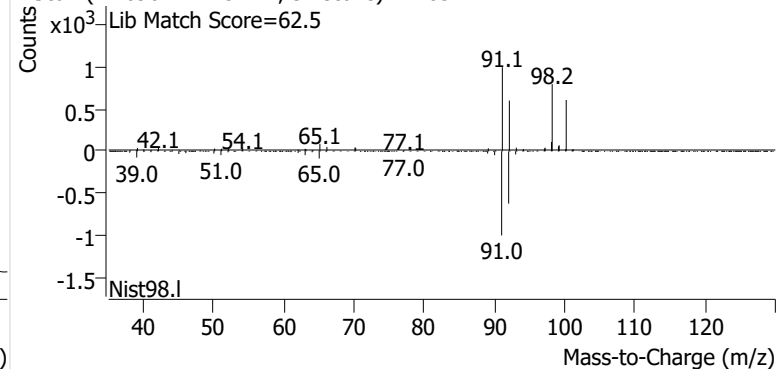
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**Toluene**

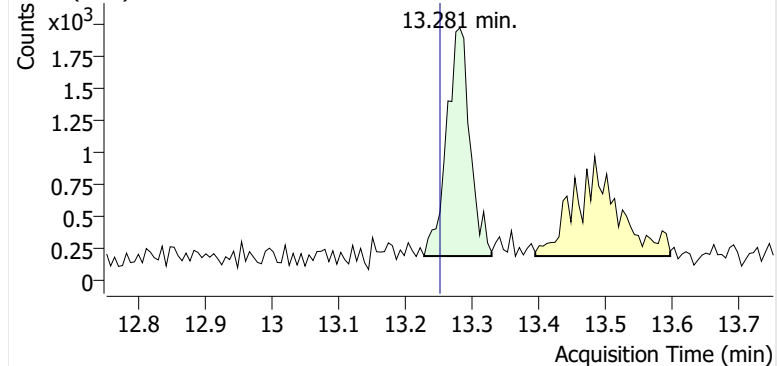
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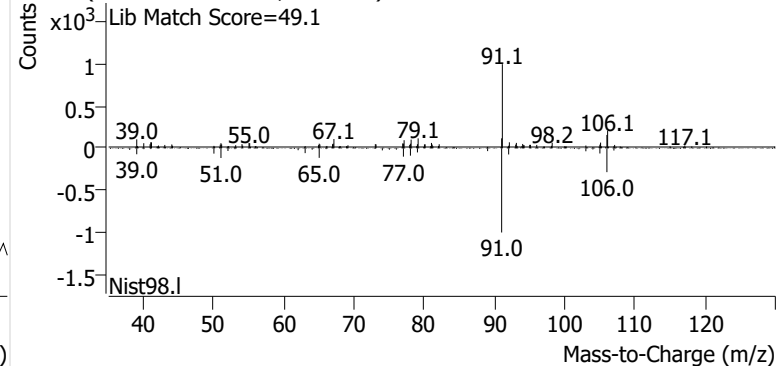
+ Scan (11.090-11.275 min, 32 scans) P2405247.D

**Ethylbenzene**

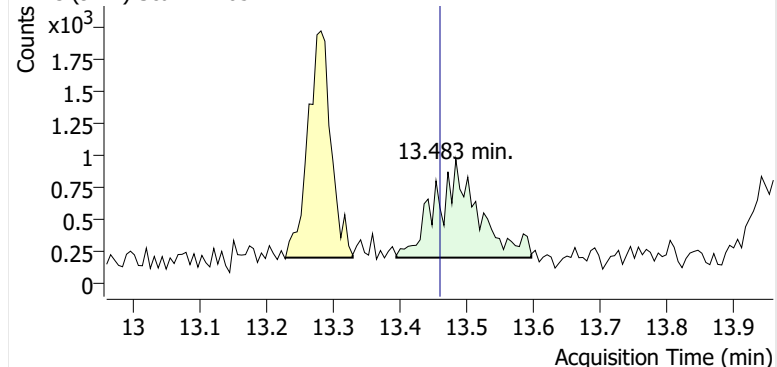
+ EIC (91.1) Scan P2405247.D



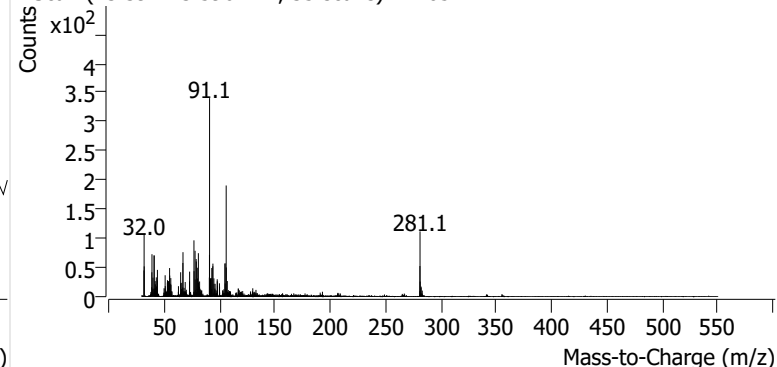
+ Scan (13.228-13.329 min, 18 scans) P2405247.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405247.D

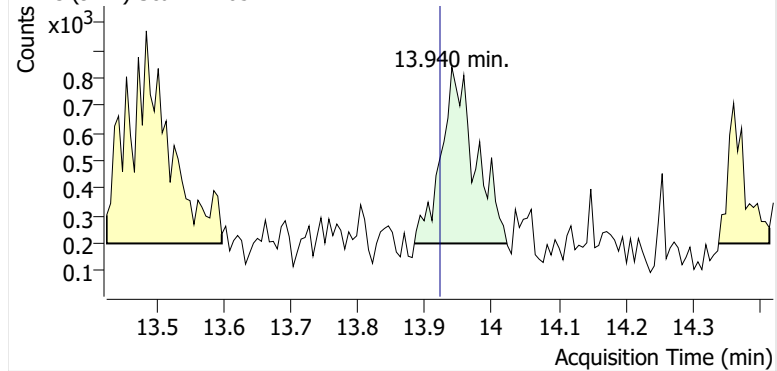


+ Scan (13.394-13.596 min, 35 scans) P2405247.D

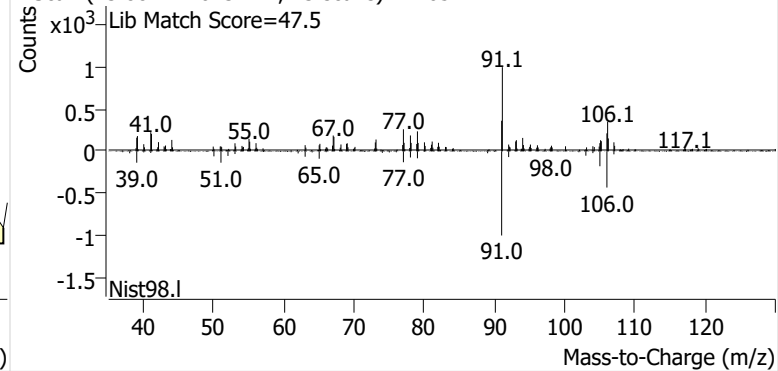


o-Xylene

+ EIC (91.1) Scan P2405247.D

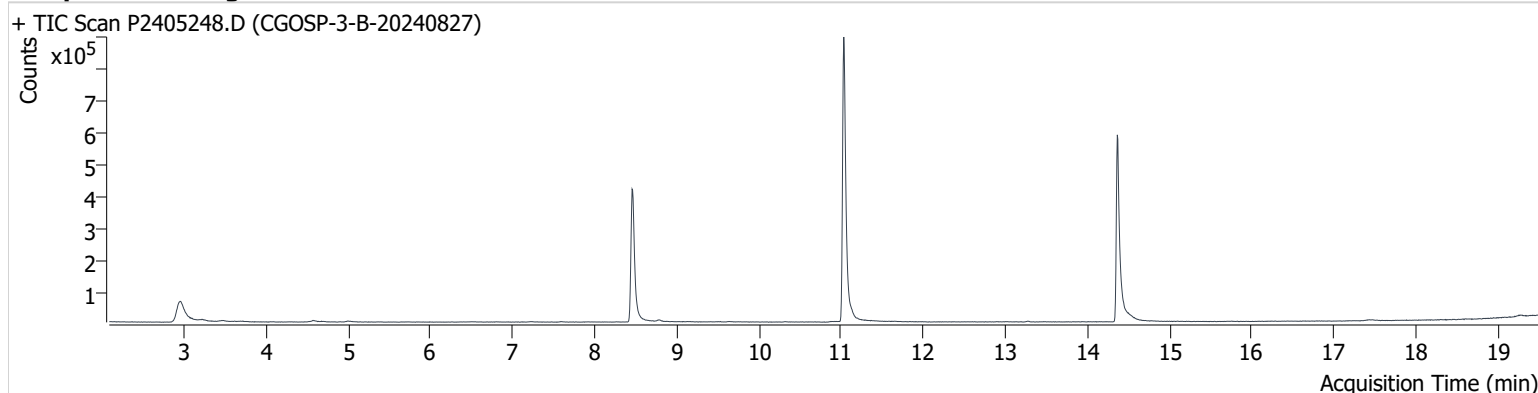


+ Scan (13.884-14.023 min, 23 scans) P2405247.D



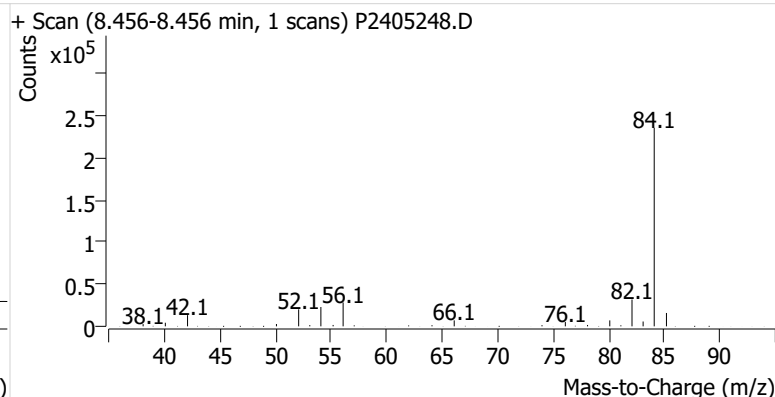
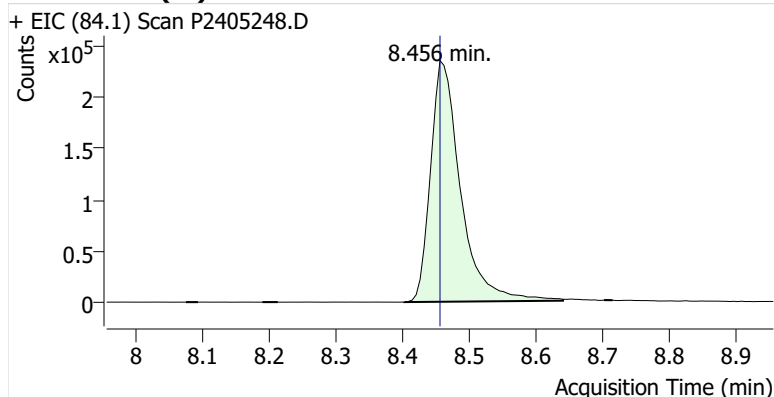
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Comment C00566
Data File P2405248.D
Acq. Date-Time 9/17/2024 6:38:41 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

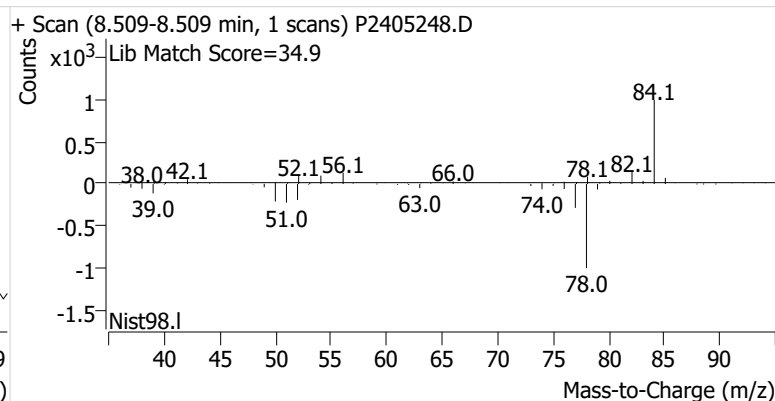
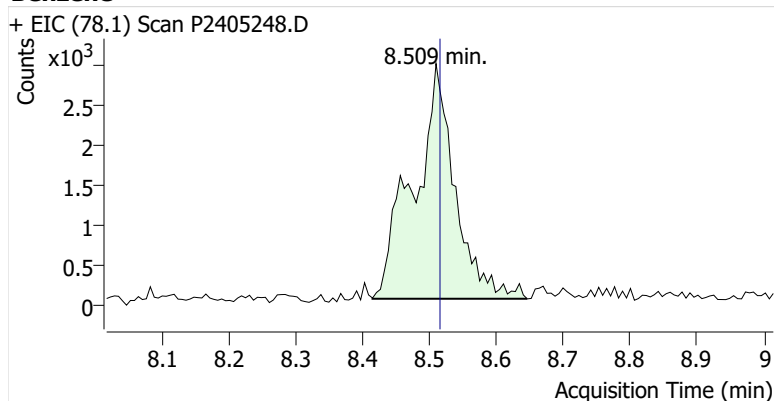


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	733,504	
Benzene	benzene-d6 (IS)	8.509	8.515	12,621	
Toluene-d8 (IS)		11.032	11.032	1,027,998	
Toluene	Toluene-d8 (IS)	11.133	11.121	18,793	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	2,709	
m-/p-Xylene	Toluene-d8 (IS)	13.489	13.459	637	
o-Xylene	Toluene-d8 (IS)	13.964	13.922	382	

benzene-d6 (IS)

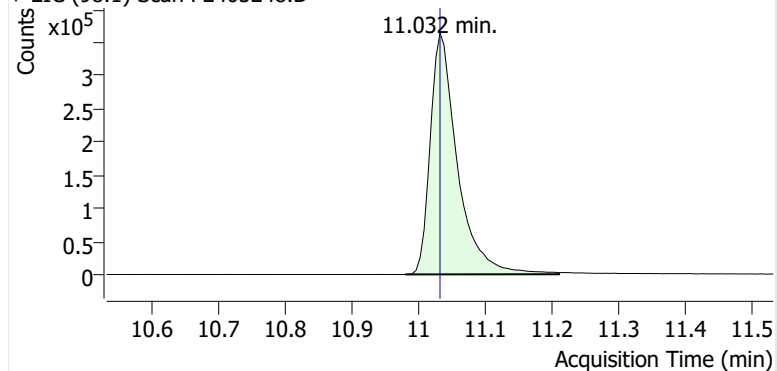


Benzene

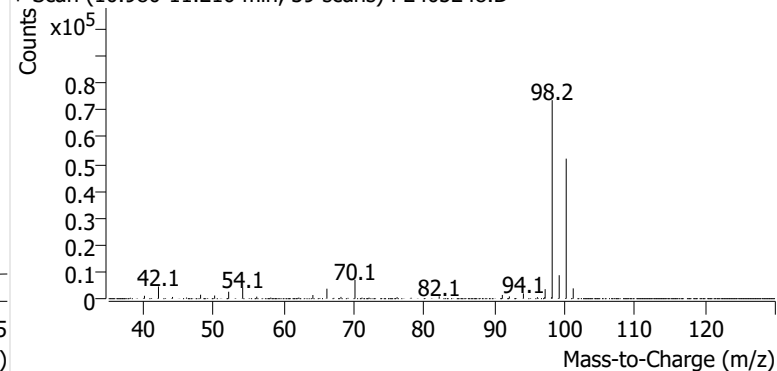


Toluene-d8 (IS)

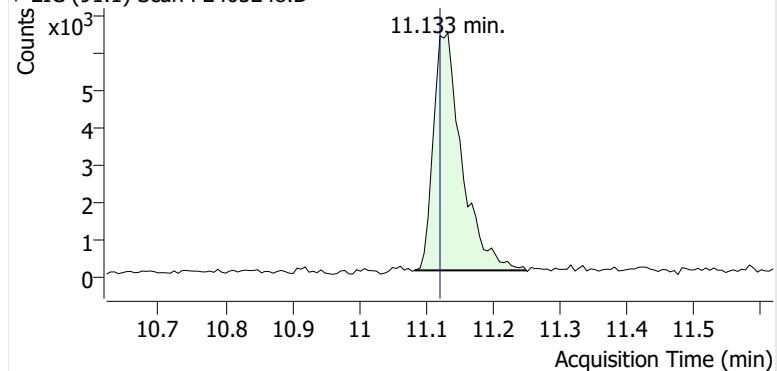
+ EIC (98.1) Scan P2405248.D



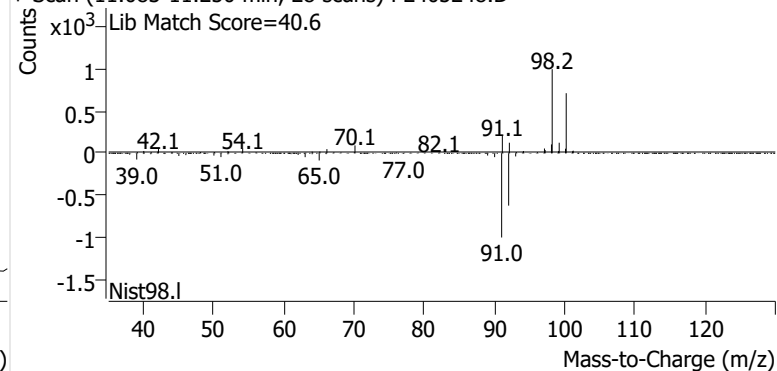
+ Scan (10.980-11.210 min, 39 scans) P2405248.D

**Toluene**

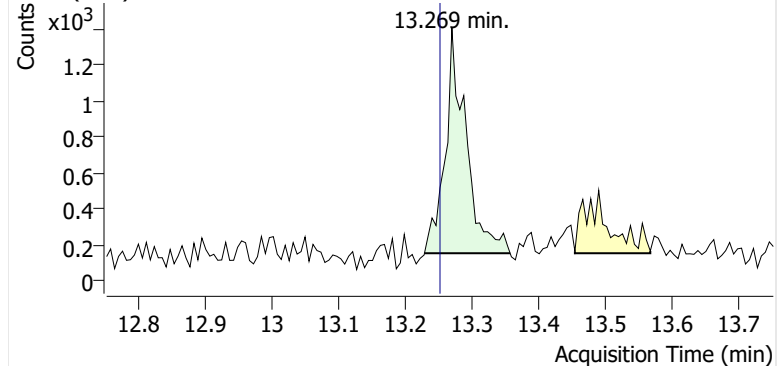
+ EIC (91.1) Scan P2405248.D



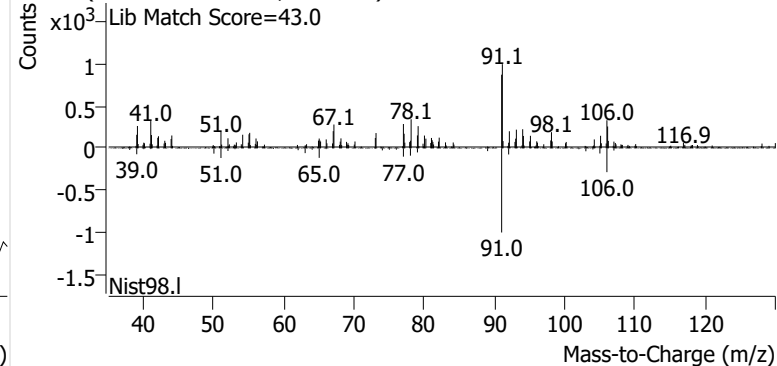
+ Scan (11.083-11.250 min, 28 scans) P2405248.D

**Ethylbenzene**

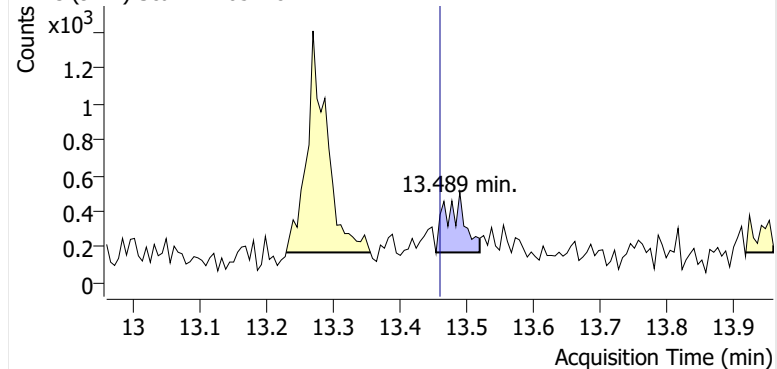
+ EIC (91.1) Scan P2405248.D



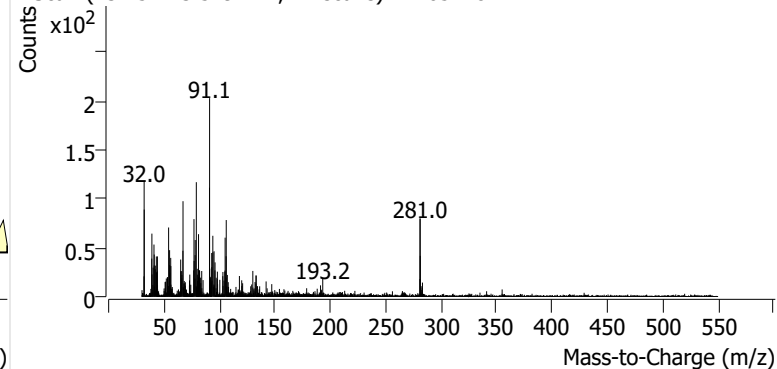
+ Scan (13.228-13.357 min, 21 scans) P2405248.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405248.D

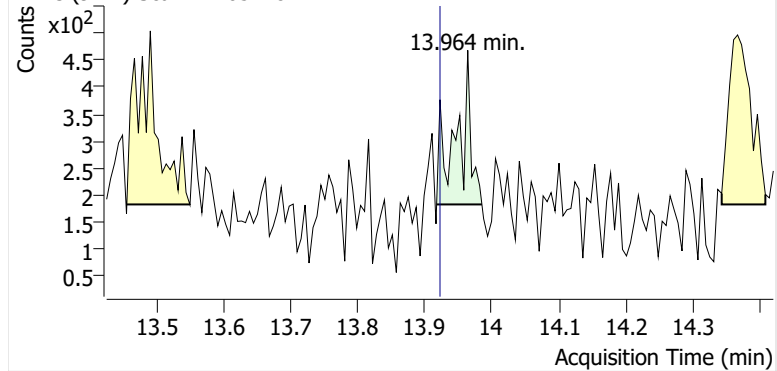


+ Scan (13.454-13.519 min, 11 scans) P2405248.D

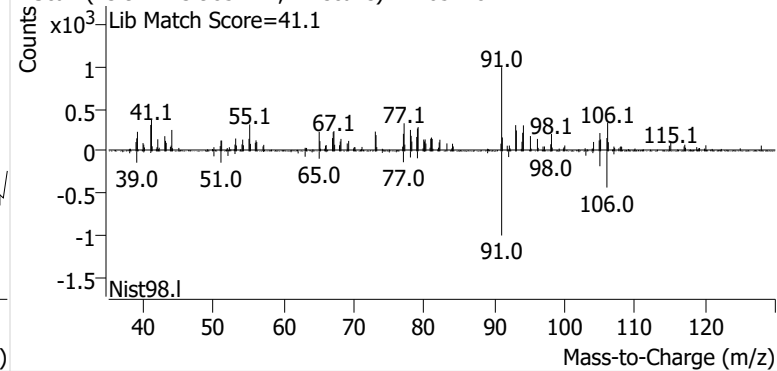


o-Xylene

+ EIC (91.1) Scan P2405248.D

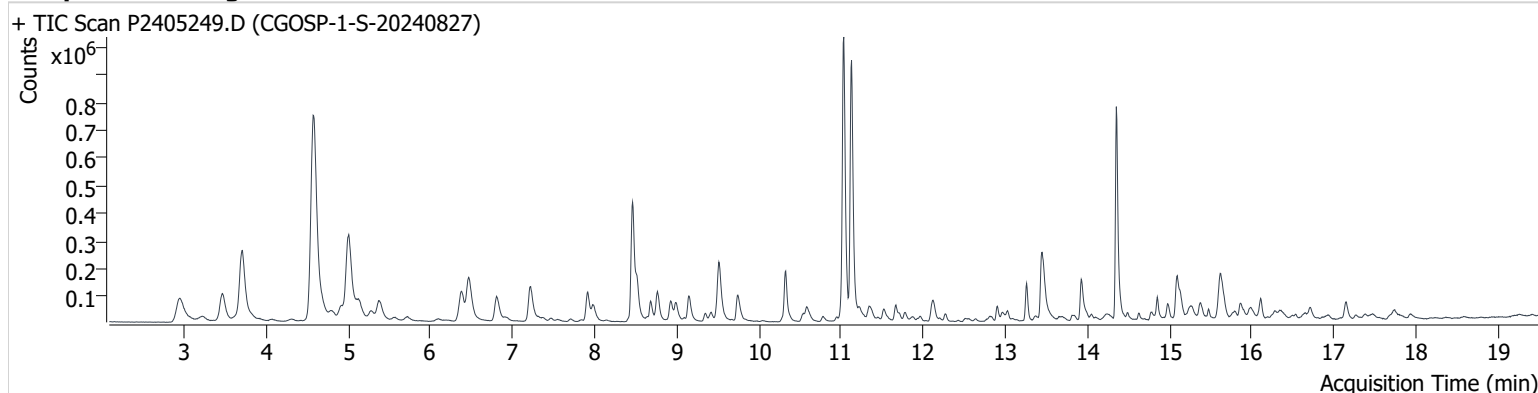


+ Scan (13.917-13.985 min, 11 scans) P2405248.D



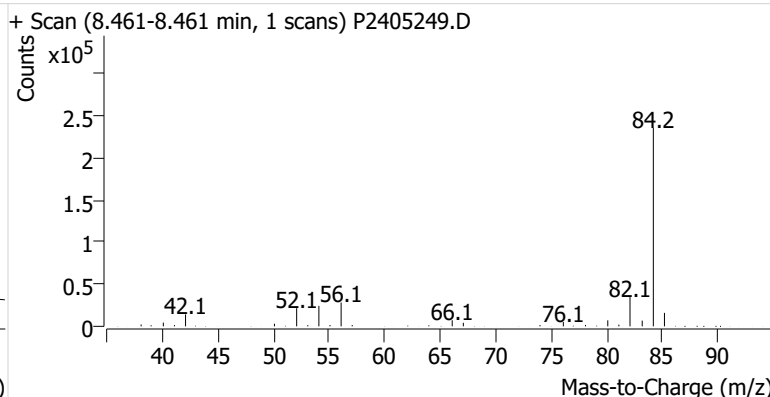
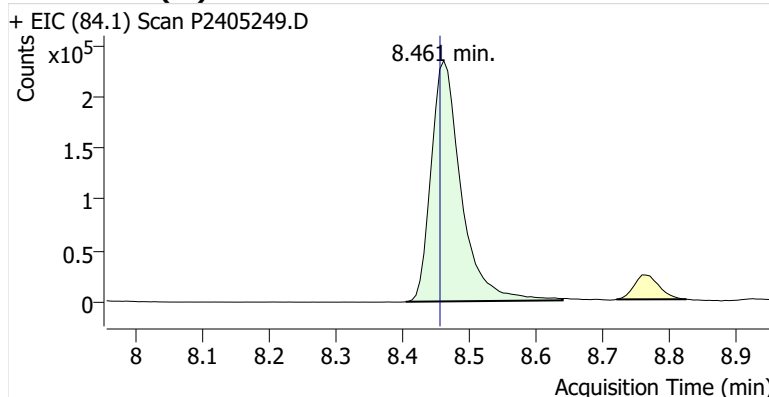
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Comment C38941
Data File P2405249.D
Acq. Date-Time 9/17/2024 7:16:31 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

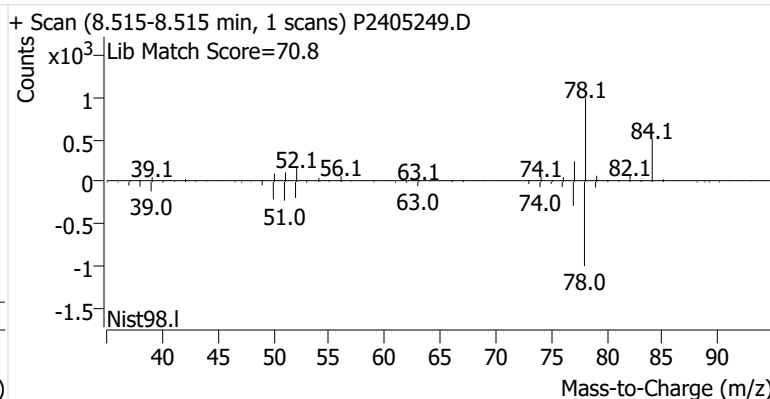
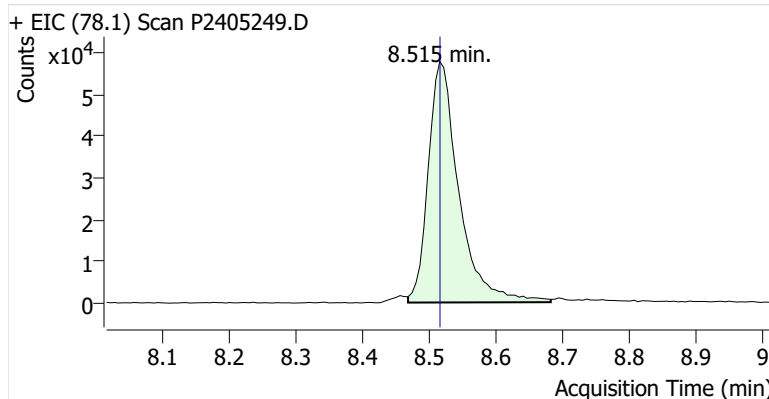


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.461	8.456	731,710	
Benzene	benzene-d6 (IS)	8.515	8.515	183,998	
Toluene-d8 (IS)		11.031	11.032	1,026,626	
Toluene	Toluene-d8 (IS)	11.126	11.121	973,116	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	134,348	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	356,269	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	159,674	

benzene-d6 (IS)

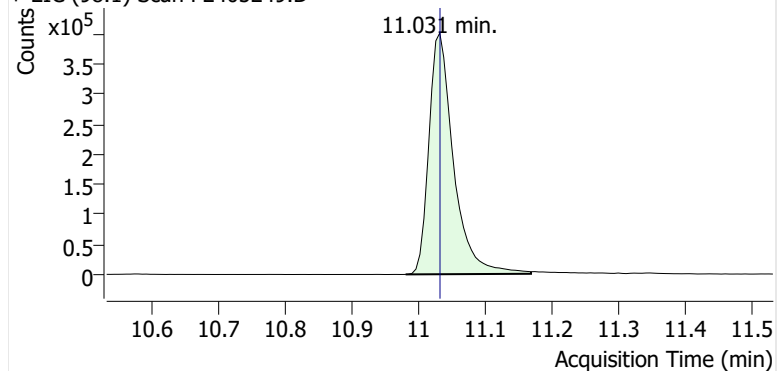


Benzene

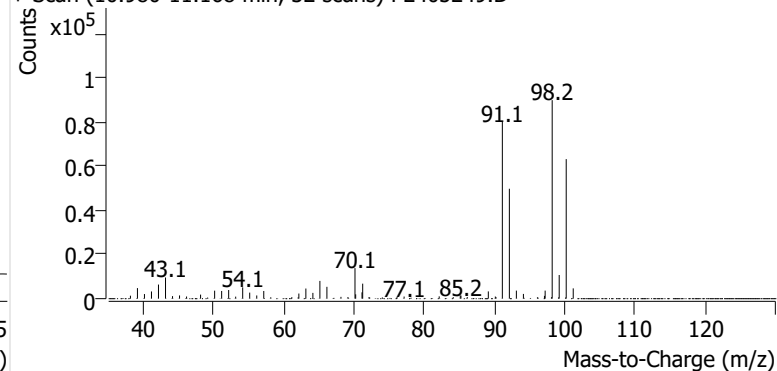


Toluene-d8 (IS)

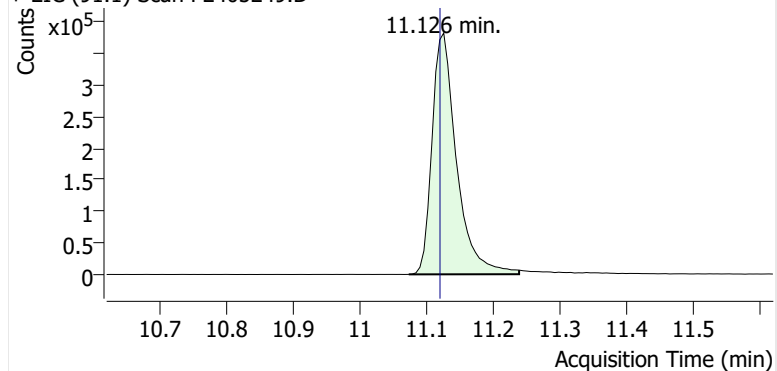
+ EIC (98.1) Scan P2405249.D



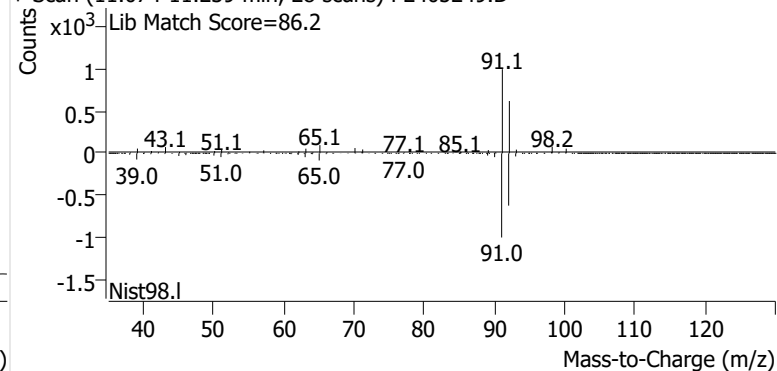
+ Scan (10.980-11.168 min, 32 scans) P2405249.D

**Toluene**

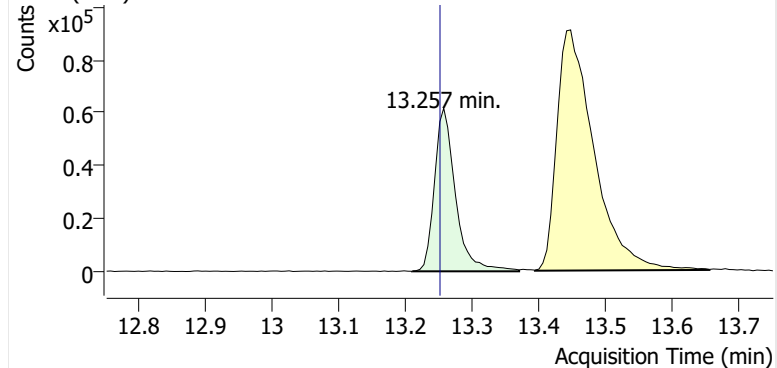
+ EIC (91.1) Scan P2405249.D



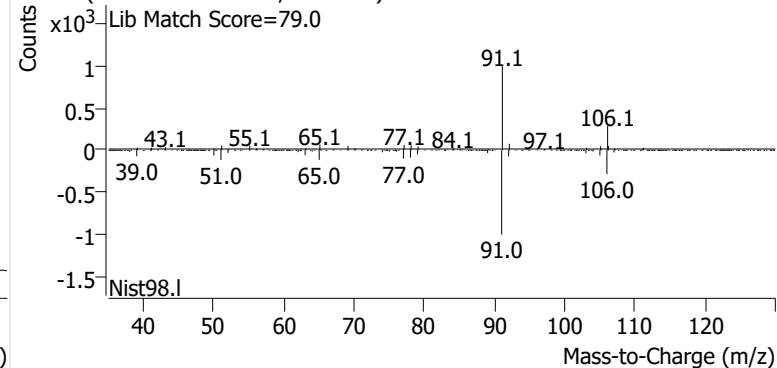
+ Scan (11.074-11.239 min, 28 scans) P2405249.D

**Ethylbenzene**

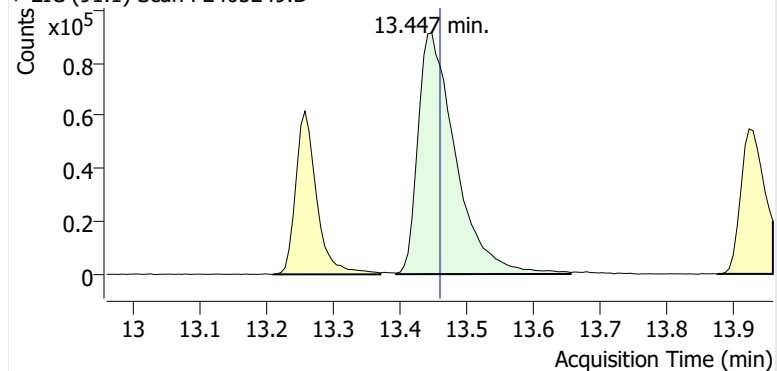
+ EIC (91.1) Scan P2405249.D



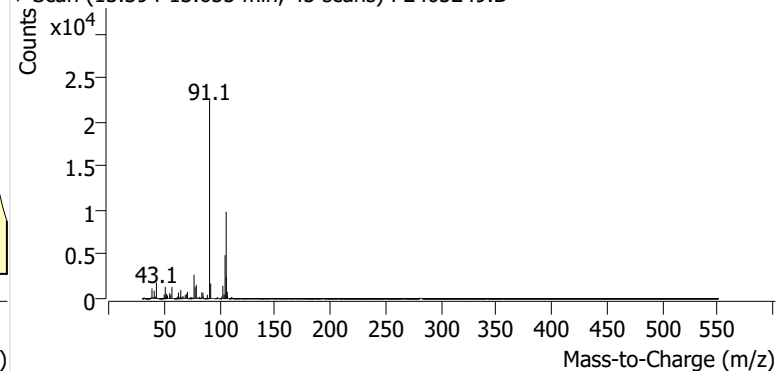
+ Scan (13.210-13.370 min, 28 scans) P2405249.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405249.D

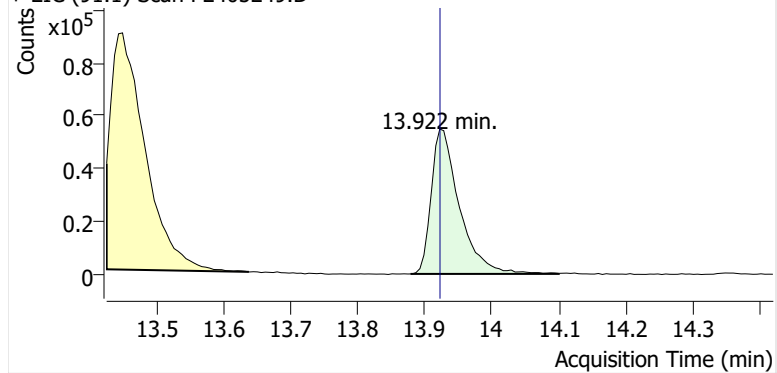


+ Scan (13.394-13.655 min, 45 scans) P2405249.D

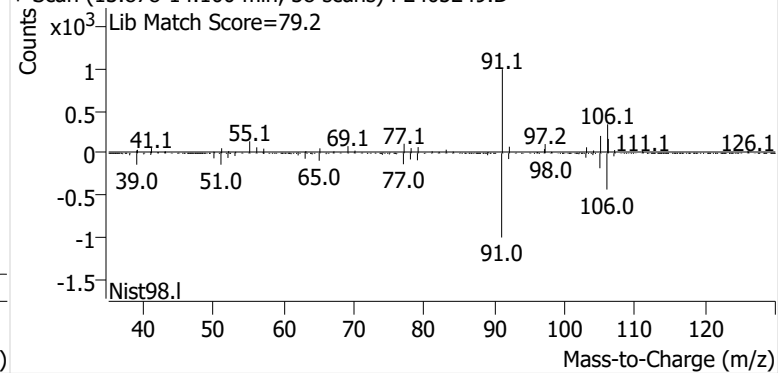


o-Xylene

+ EIC (91.1) Scan P2405249.D

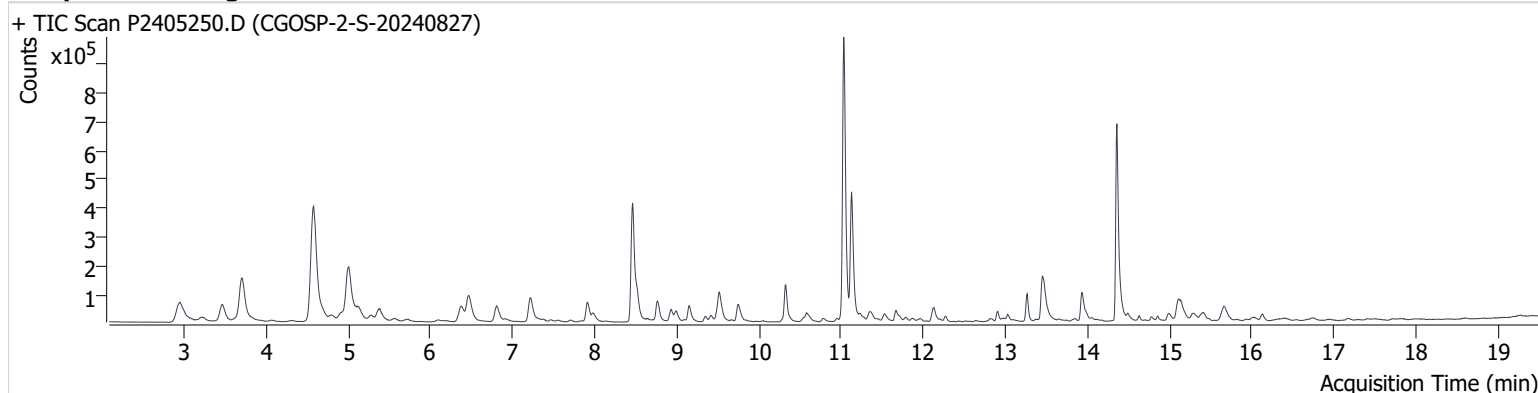


+ Scan (13.878-14.100 min, 38 scans) P2405249.D



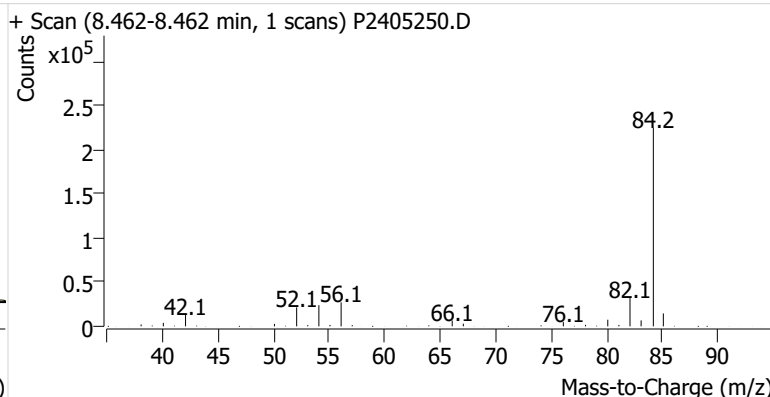
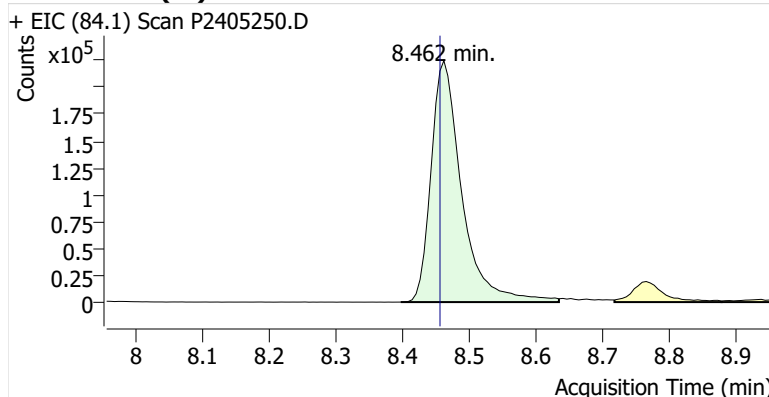
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Comment B46339
Data File P2405250.D
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Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

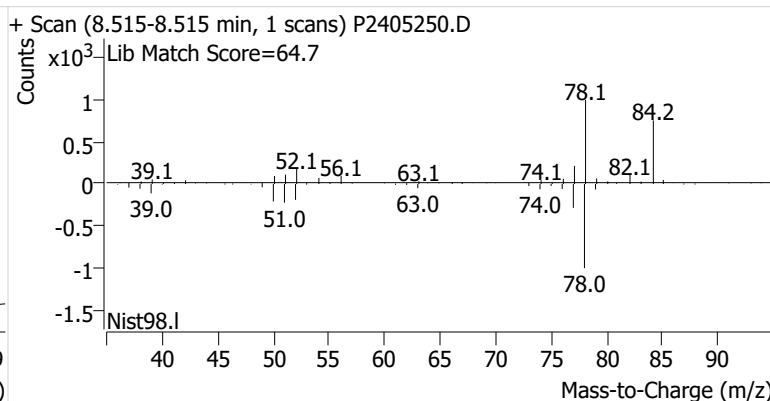
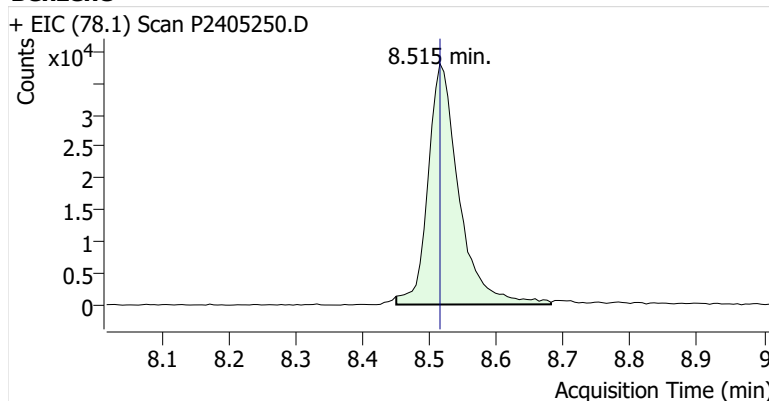


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,716	
Benzene	benzene-d6 (IS)	8.515	8.515	121,675	
Toluene-d8 (IS)		11.032	11.032	1,022,141	
Toluene	Toluene-d8 (IS)	11.127	11.121	460,923	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	93,397	
m-/p-Xylene	Toluene-d8 (IS)	13.453	13.459	237,789	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	126,027	

benzene-d6 (IS)

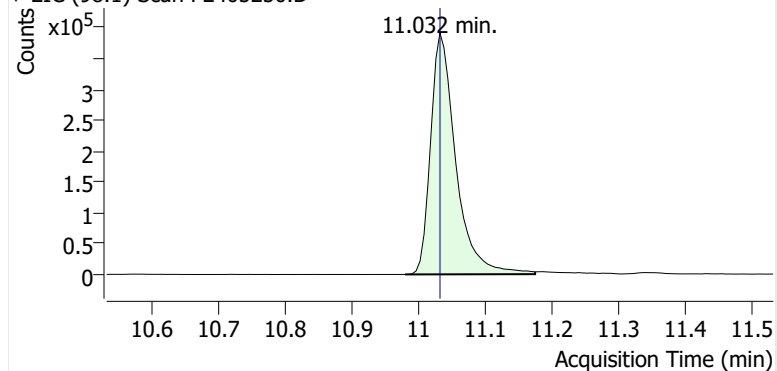


Benzene

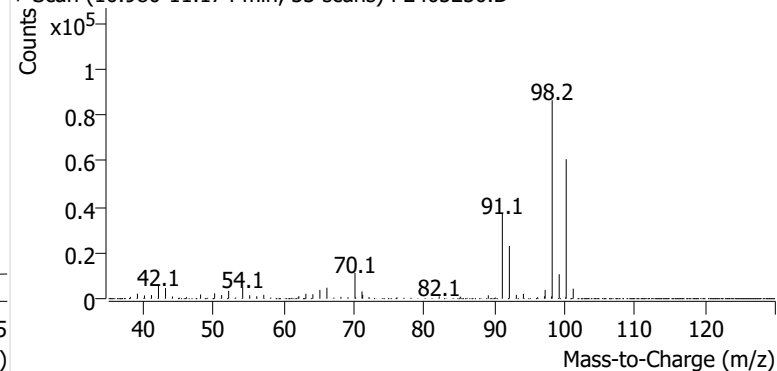


Toluene-d8 (IS)

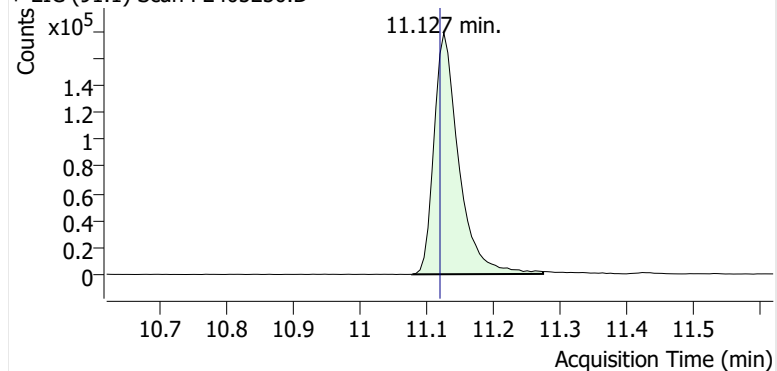
+ EIC (98.1) Scan P2405250.D



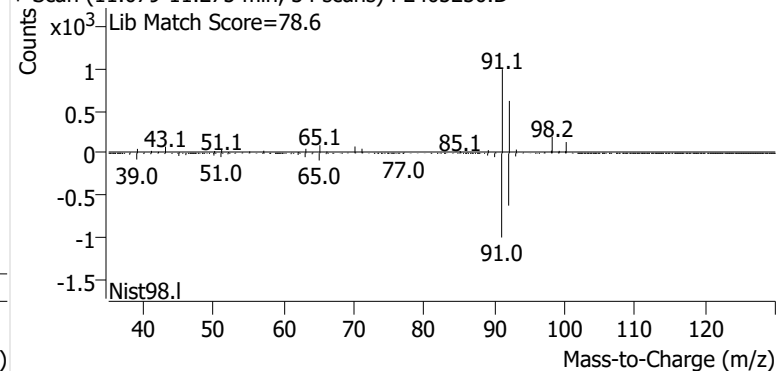
+ Scan (10.980-11.174 min, 33 scans) P2405250.D

**Toluene**

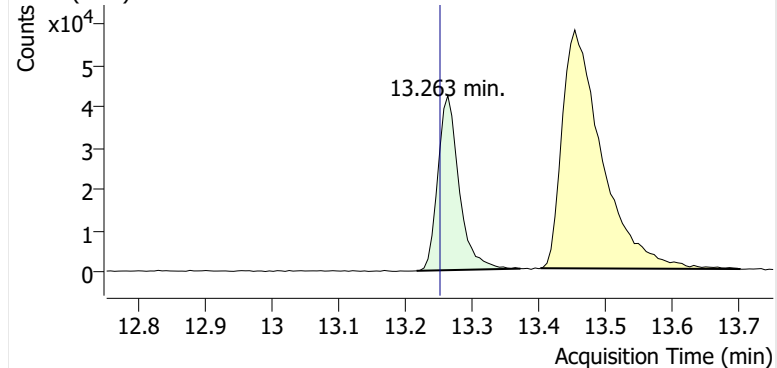
+ EIC (91.1) Scan P2405250.D



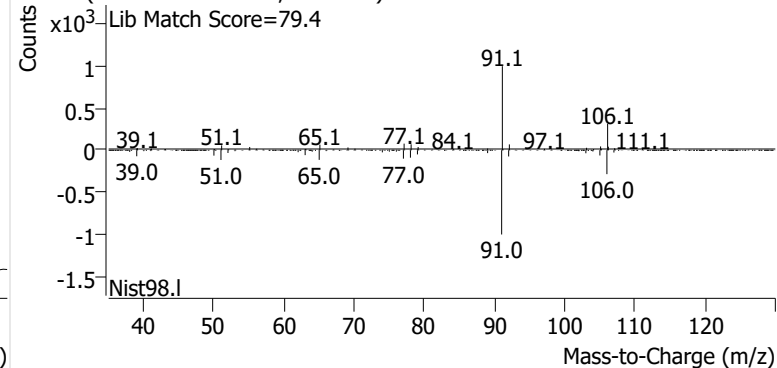
+ Scan (11.079-11.275 min, 34 scans) P2405250.D

**Ethylbenzene**

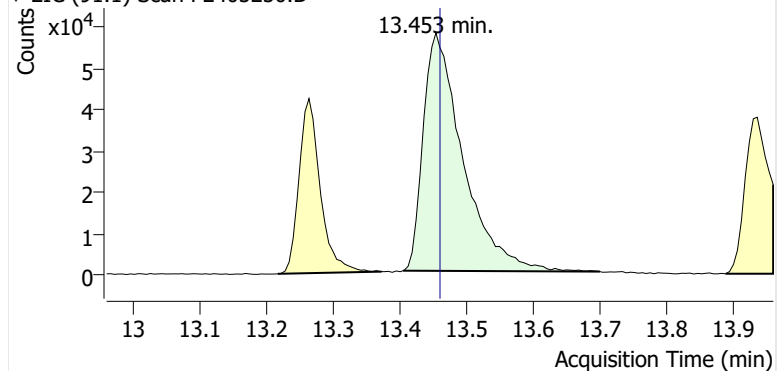
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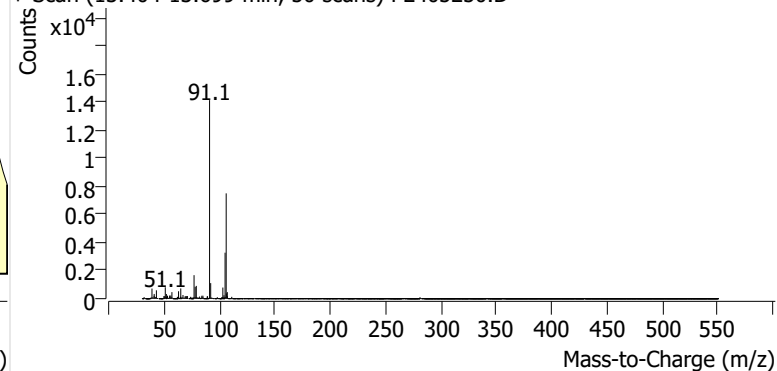
+ Scan (13.217-13.372 min, 26 scans) P2405250.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405250.D

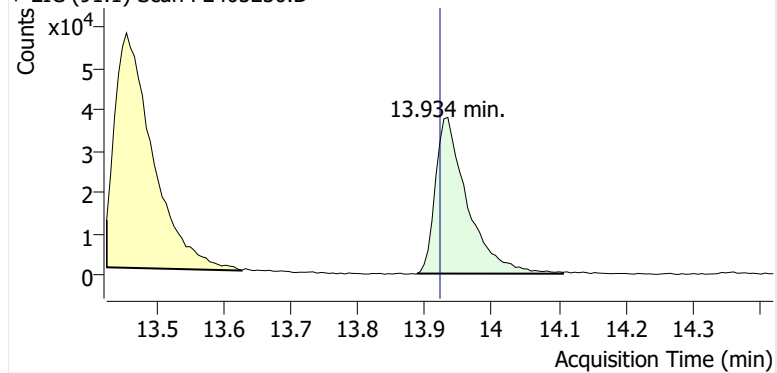


+ Scan (13.404-13.699 min, 50 scans) P2405250.D

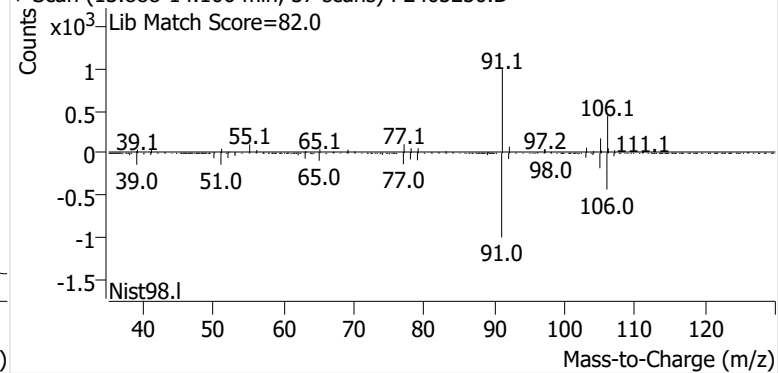


o-Xylene

+ EIC (91.1) Scan P2405250.D

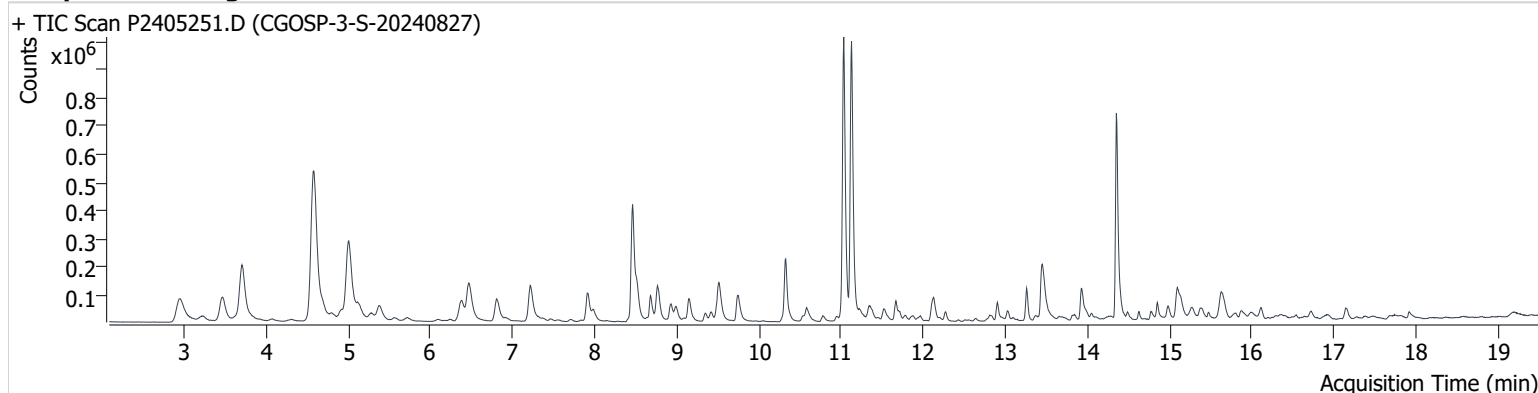


+ Scan (13.888-14.106 min, 37 scans) P2405250.D



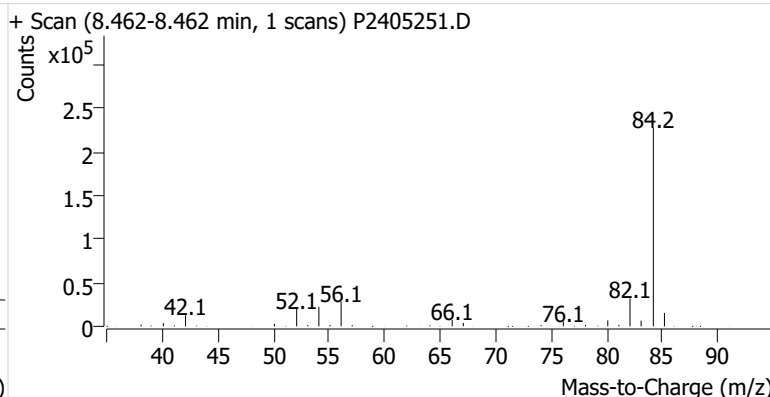
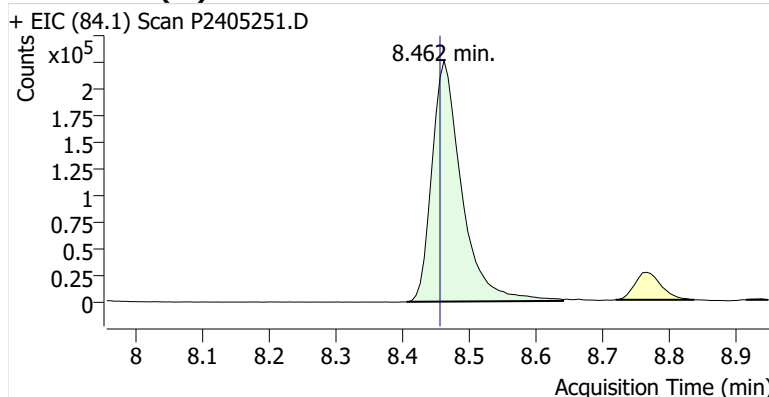
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Comment C40588
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Acq. Date-Time 9/17/2024 8:32:15 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

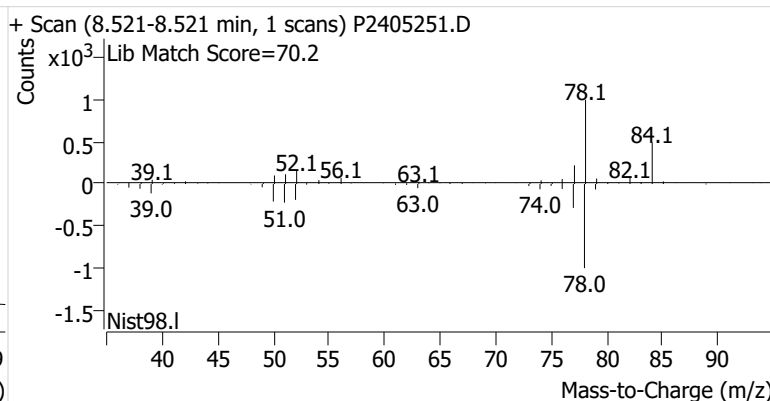
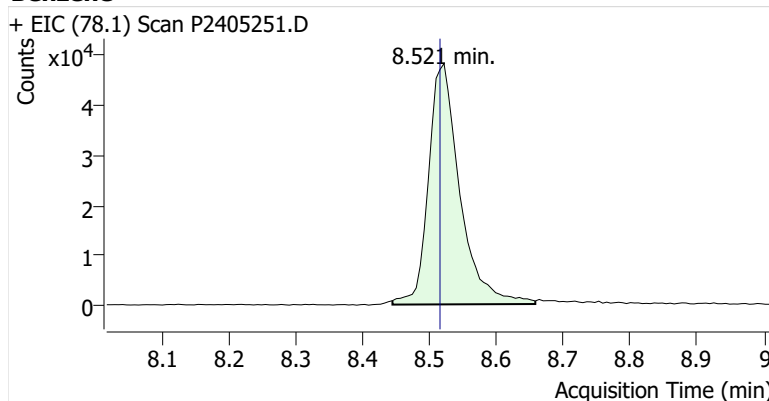


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	700,148	
Benzene	benzene-d6 (IS)	8.521	8.515	157,371	
Toluene-d8 (IS)		11.032	11.032	992,306	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,064,208	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	108,896	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	292,654	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	131,623	

benzene-d6 (IS)

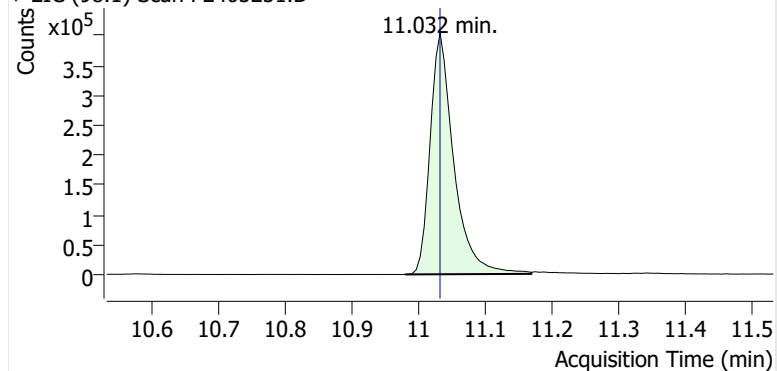


Benzene

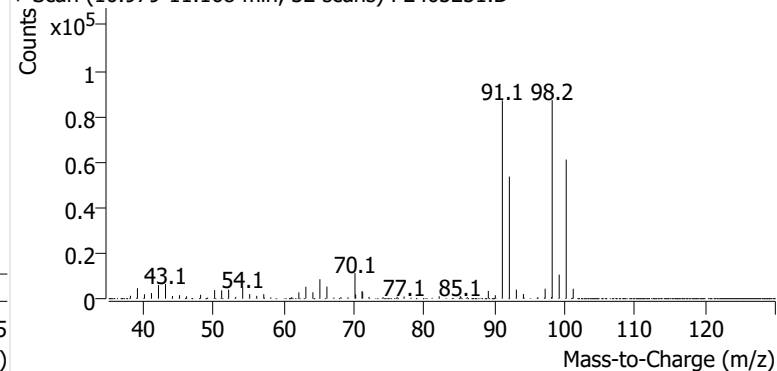


Toluene-d8 (IS)

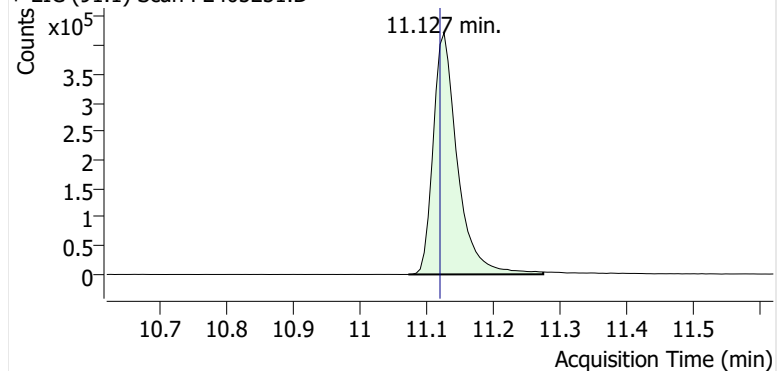
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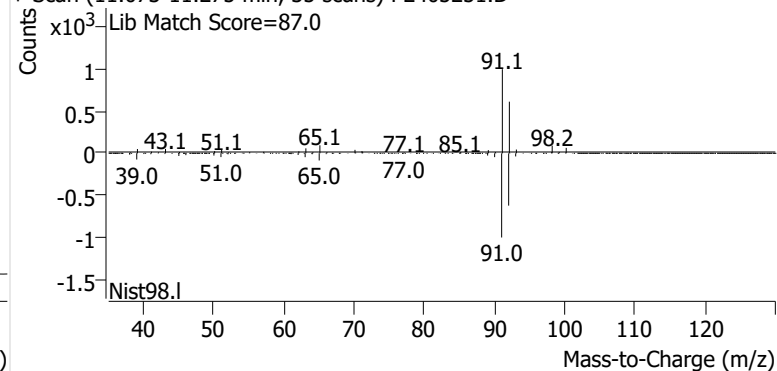
+ Scan (10.979-11.168 min, 32 scans) P2405251.D

**Toluene**

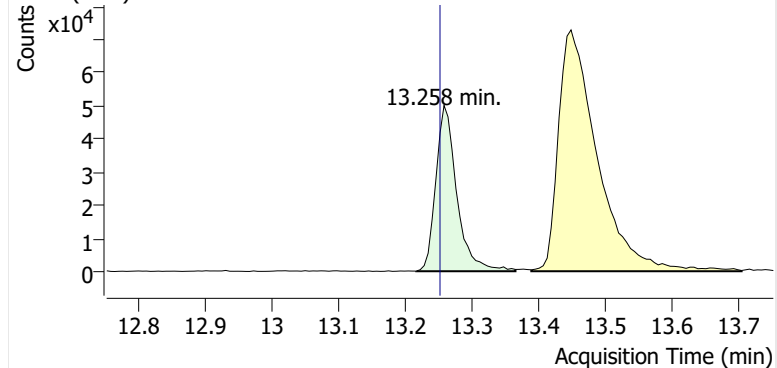
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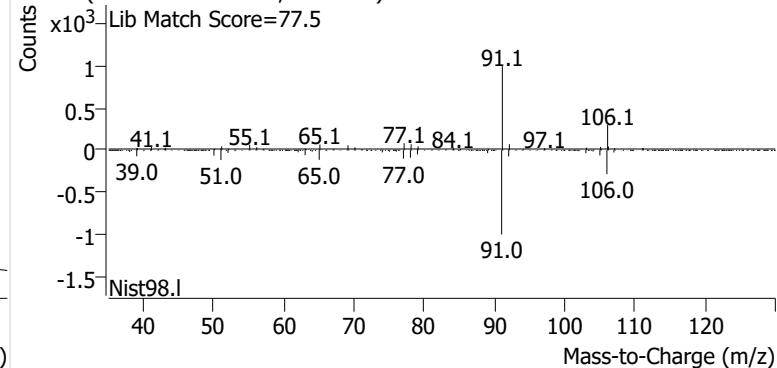
+ Scan (11.073-11.275 min, 35 scans) P2405251.D

**Ethylbenzene**

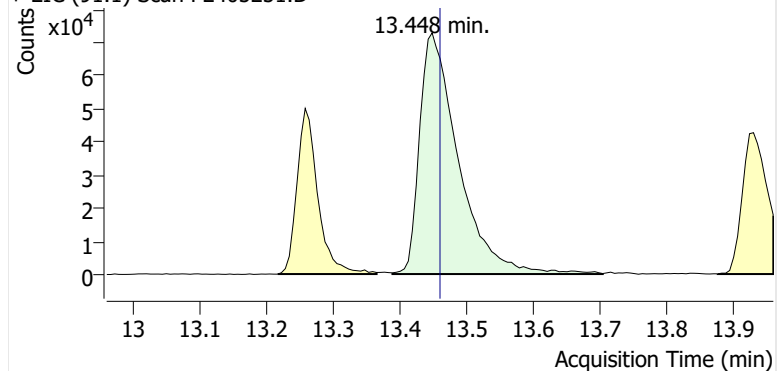
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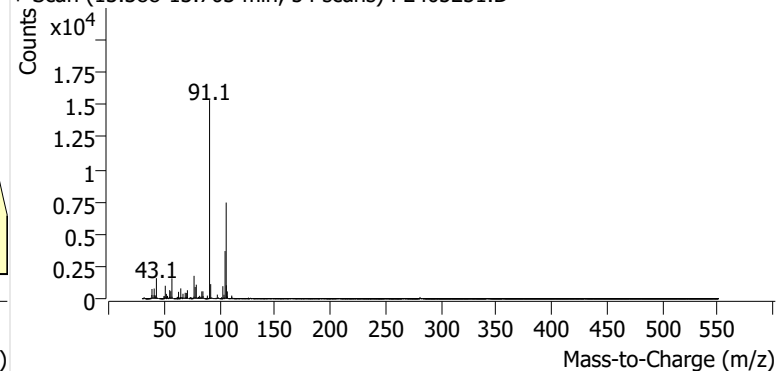
+ Scan (13.216-13.365 min, 26 scans) P2405251.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405251.D

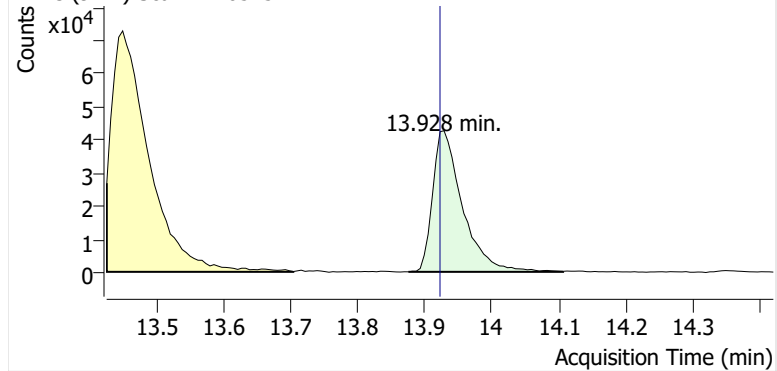


+ Scan (13.388-13.703 min, 54 scans) P2405251.D

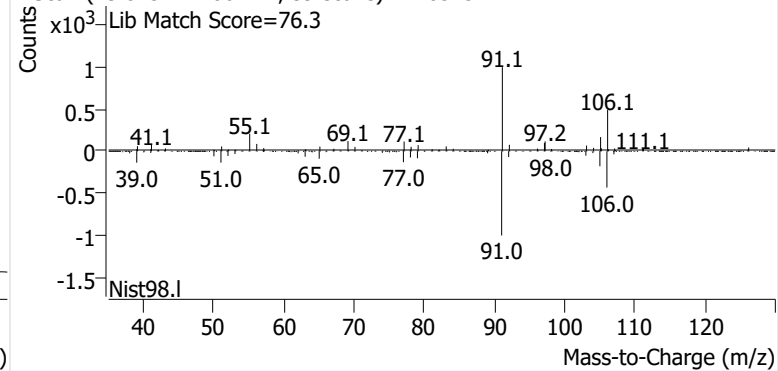


o-Xylene

+ EIC (91.1) Scan P2405251.D

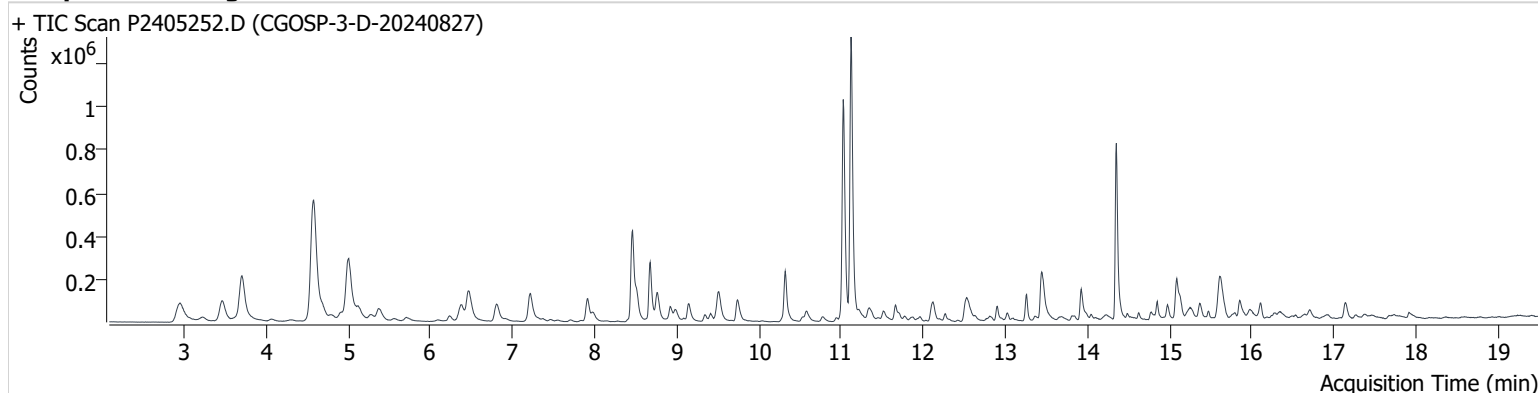


+ Scan (13.875-14.106 min, 39 scans) P2405251.D



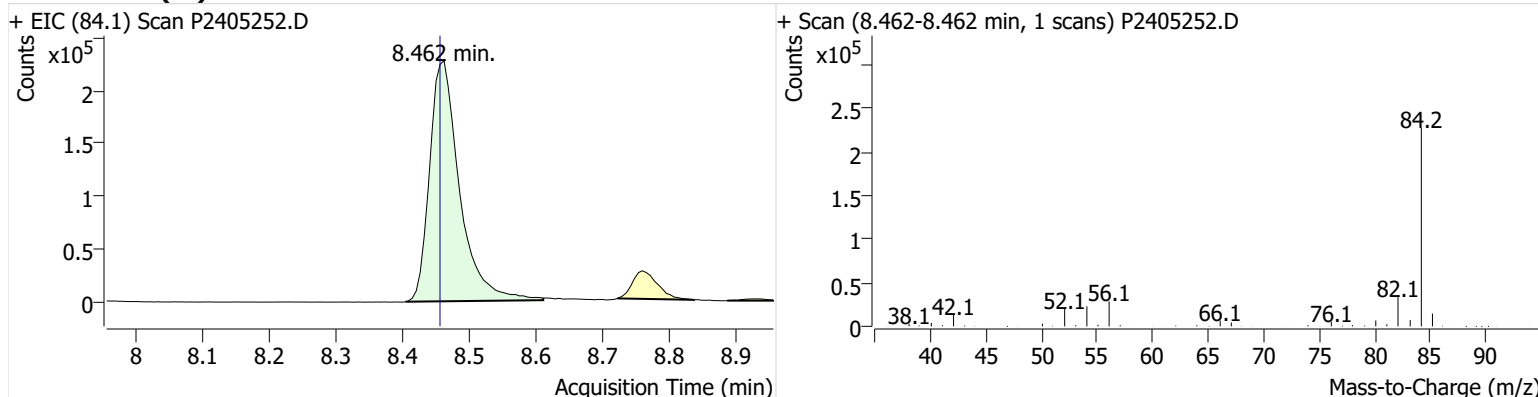
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Comment C38930
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Acq. Date-Time 9/17/2024 9:10:08 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

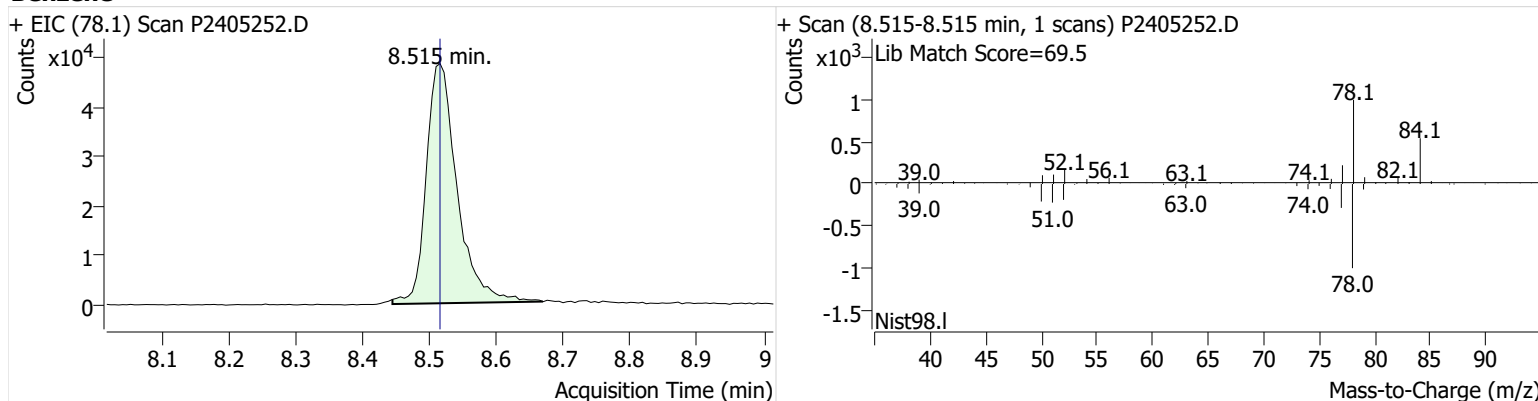


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	707,265	
Benzene	benzene-d6 (IS)	8.515	8.515	155,989	
Toluene-d8 (IS)		11.026	11.032	1,016,078	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,412,352	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	113,637	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	305,305	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	142,909	

benzene-d6 (IS)

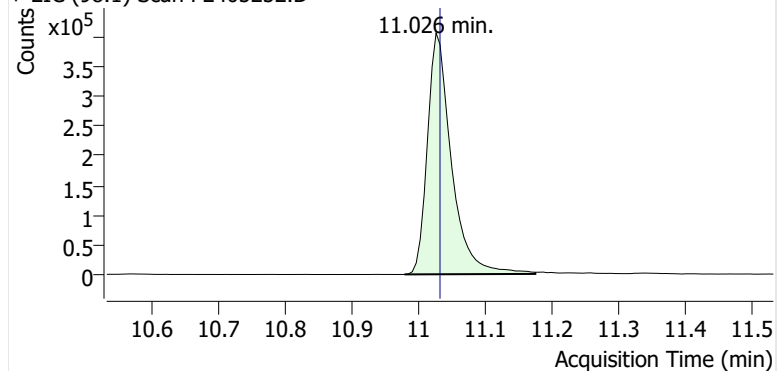


Benzene

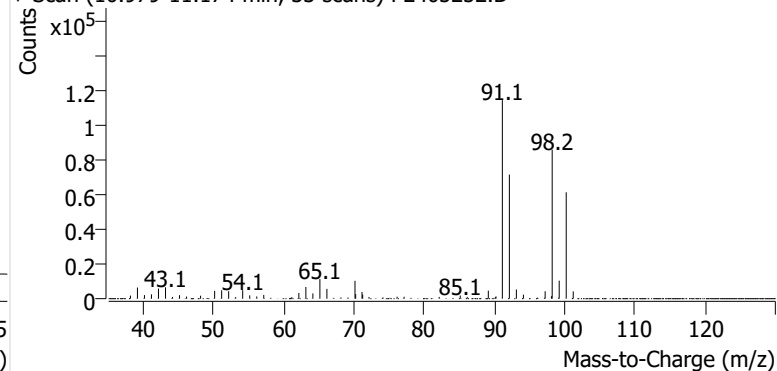


Toluene-d8 (IS)

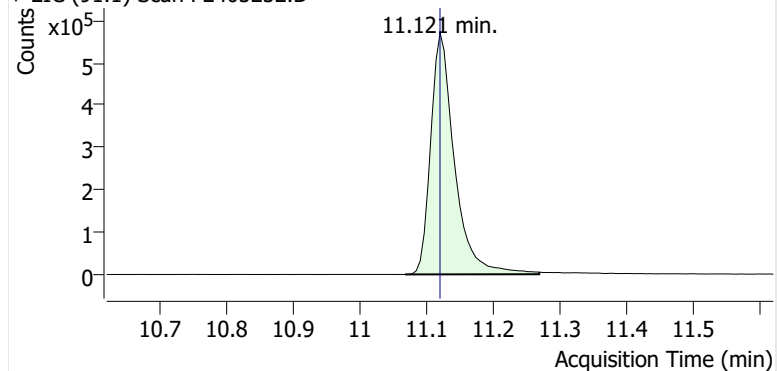
+ EIC (98.1) Scan P2405252.D



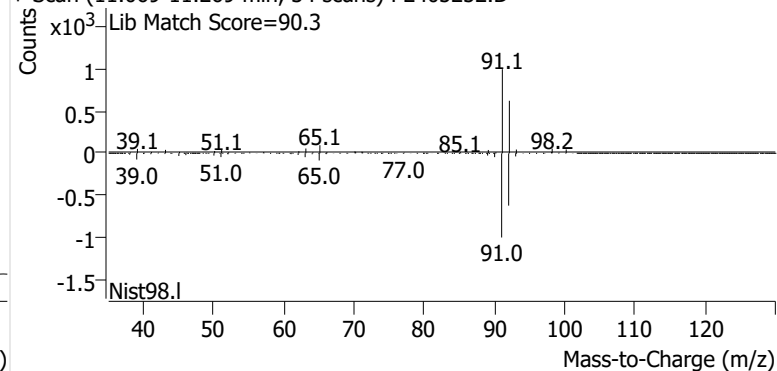
+ Scan (10.979-11.174 min, 33 scans) P2405252.D

**Toluene**

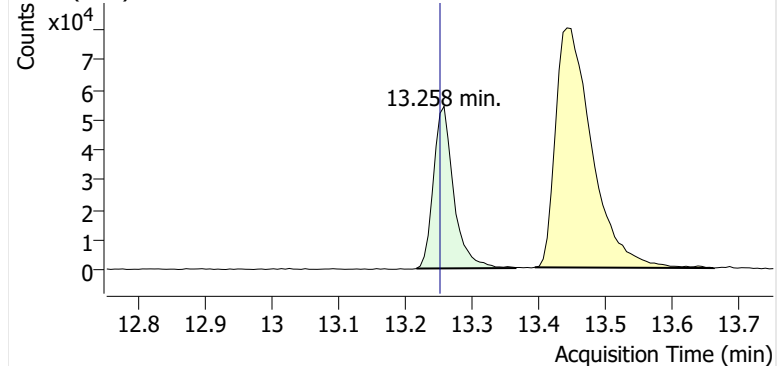
+ EIC (91.1) Scan P2405252.D



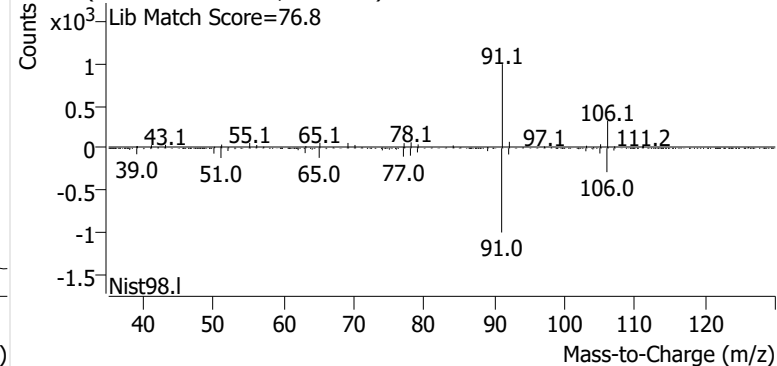
+ Scan (11.069-11.269 min, 34 scans) P2405252.D

**Ethylbenzene**

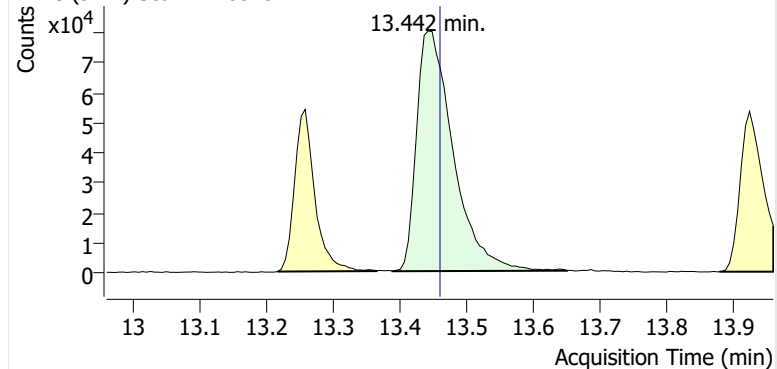
+ EIC (91.1) Scan P2405252.D



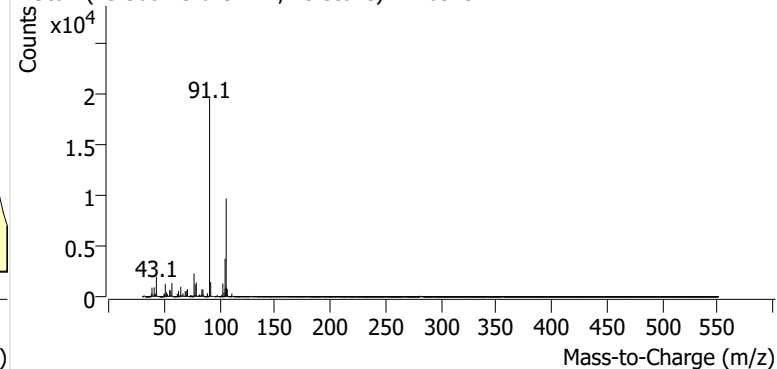
+ Scan (13.216-13.365 min, 25 scans) P2405252.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405252.D

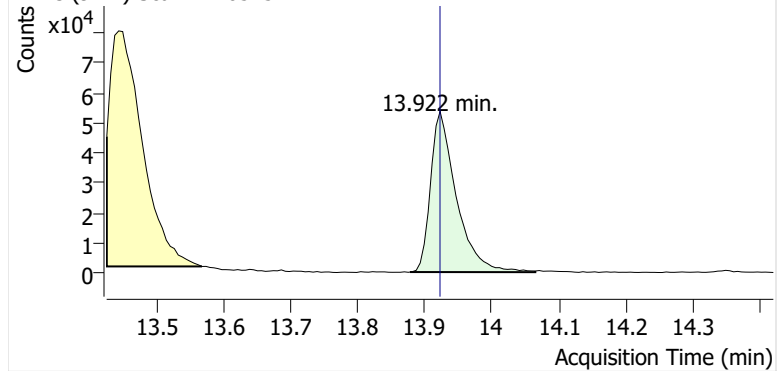


+ Scan (13.388-13.649 min, 45 scans) P2405252.D

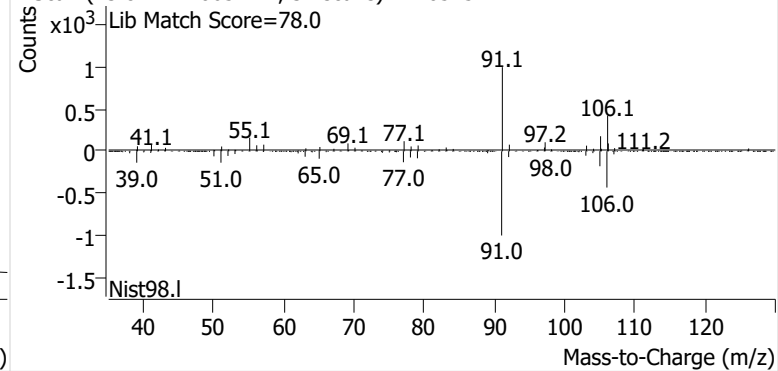


o-Xylene

+ EIC (91.1) Scan P2405252.D

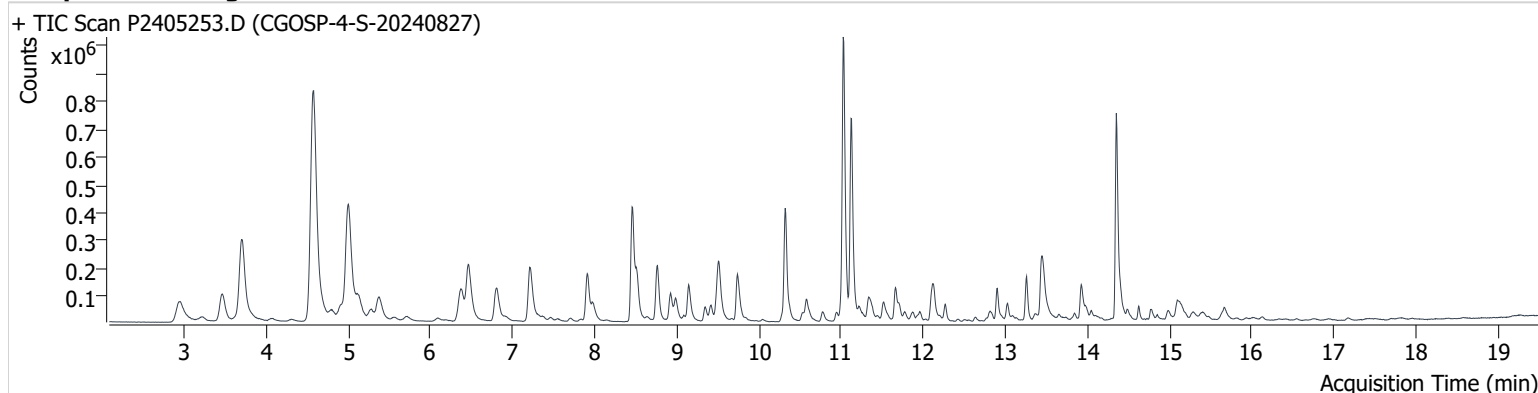


+ Scan (13.877-14.065 min, 32 scans) P2405252.D



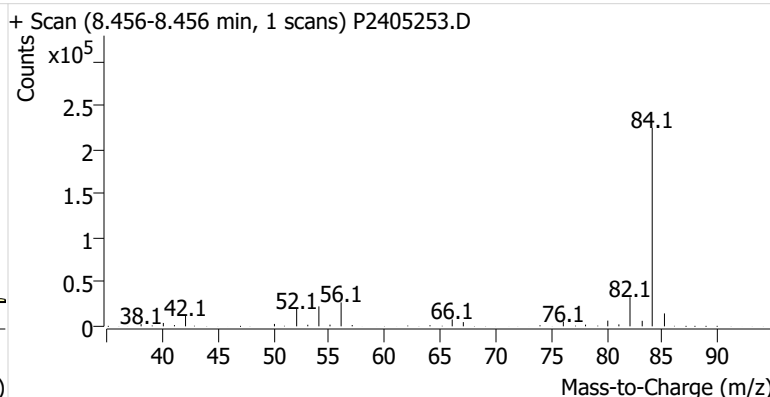
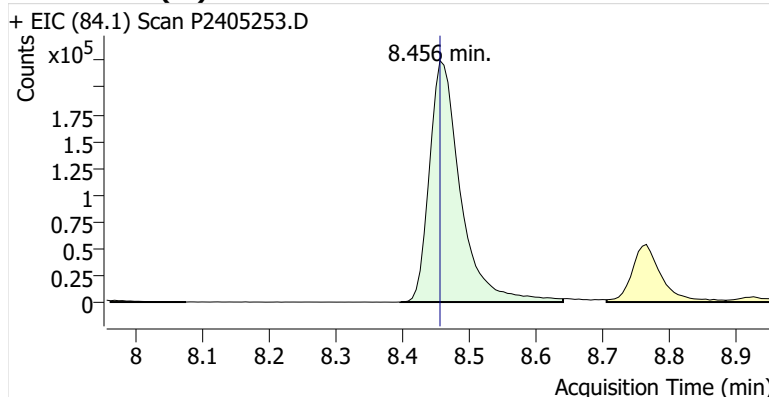
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Comment B29322
Data File P2405253.D
Acq. Date-Time 9/17/2024 9:47:58 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

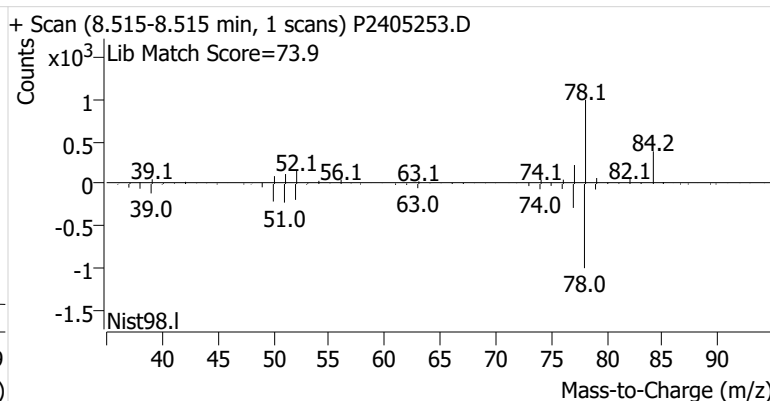
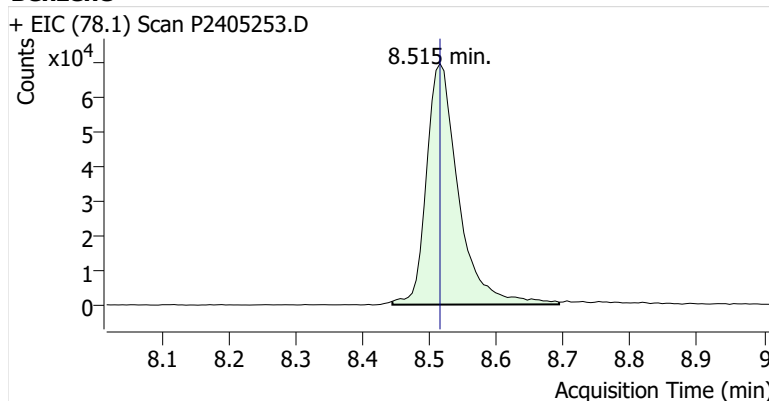


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	727,548	
Benzene	benzene-d6 (IS)	8.515	8.515	231,142	
Toluene-d8 (IS)		11.026	11.032	1,021,601	
Toluene	Toluene-d8 (IS)	11.121	11.121	737,957	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	152,403	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	350,466	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	151,489	

benzene-d6 (IS)

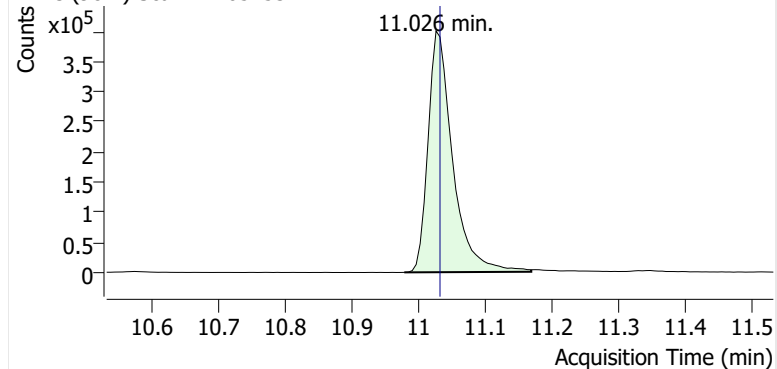


Benzene

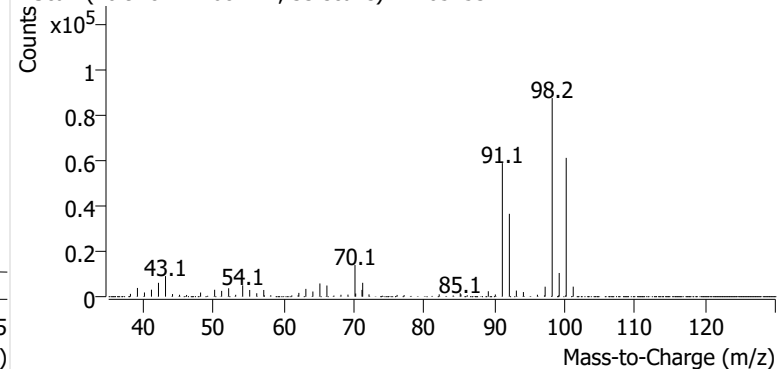


Toluene-d8 (IS)

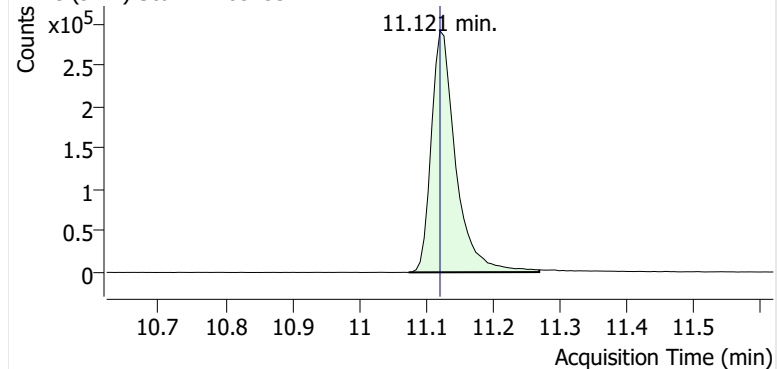
+ EIC (98.1) Scan P2405253.D



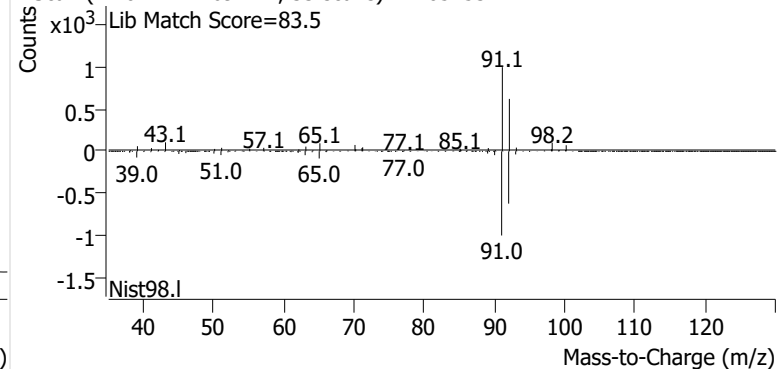
+ Scan (10.978-11.168 min, 33 scans) P2405253.D

**Toluene**

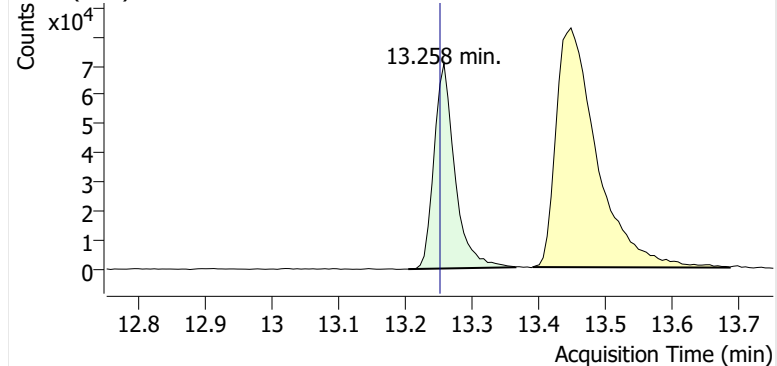
+ EIC (91.1) Scan P2405253.D



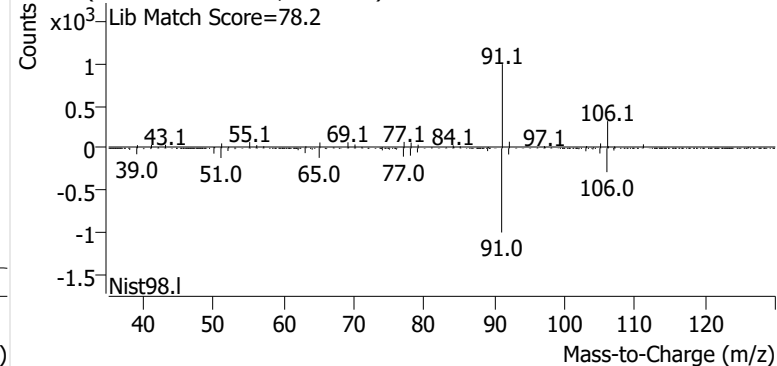
+ Scan (11.074-11.269 min, 33 scans) P2405253.D

**Ethylbenzene**

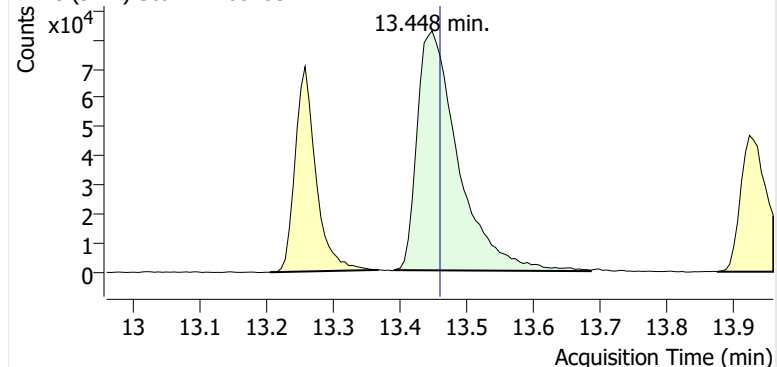
+ EIC (91.1) Scan P2405253.D



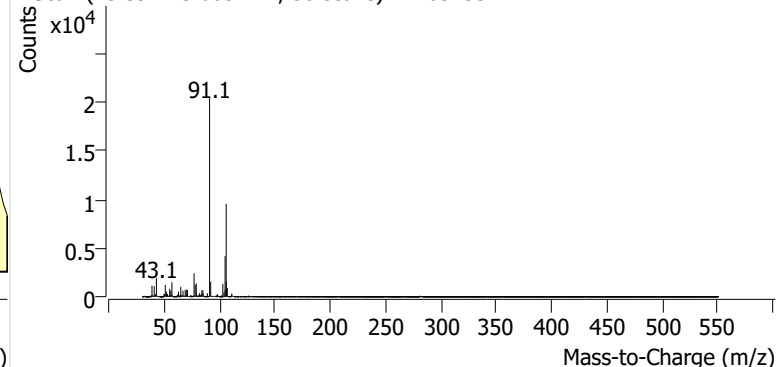
+ Scan (13.204-13.364 min, 28 scans) P2405253.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405253.D

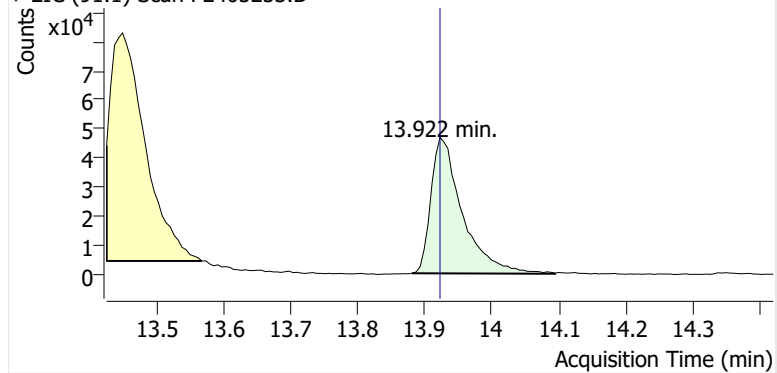


+ Scan (13.391-13.685 min, 50 scans) P2405253.D

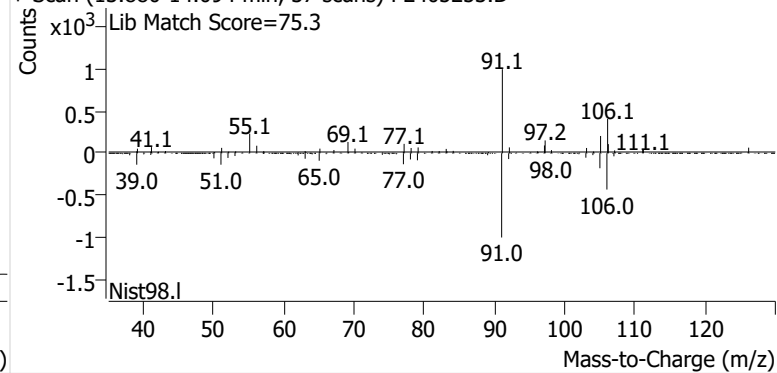


o-Xylene

+ EIC (91.1) Scan P2405253.D

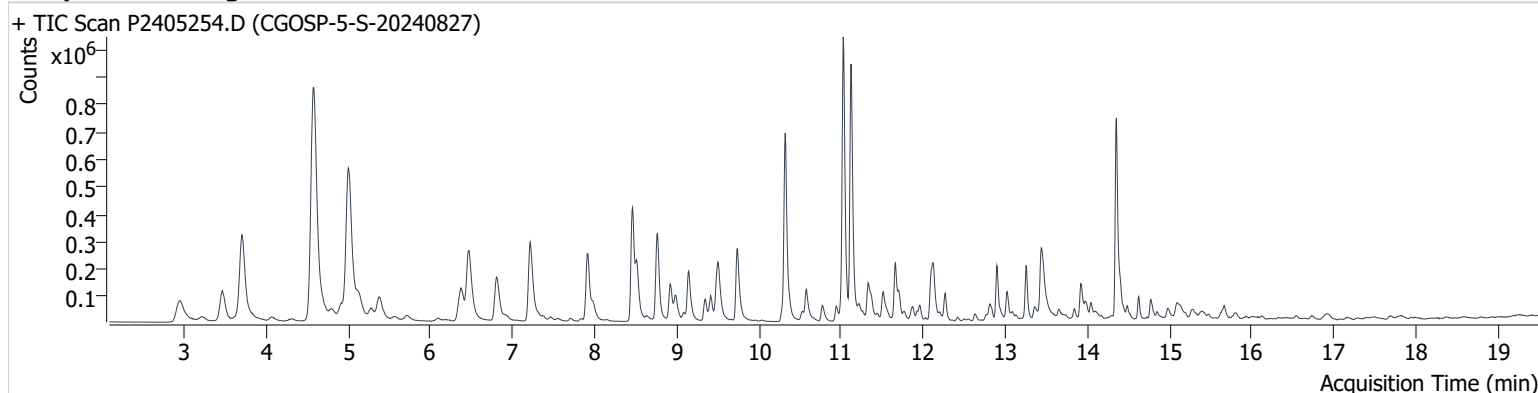


+ Scan (13.880-14.094 min, 37 scans) P2405253.D



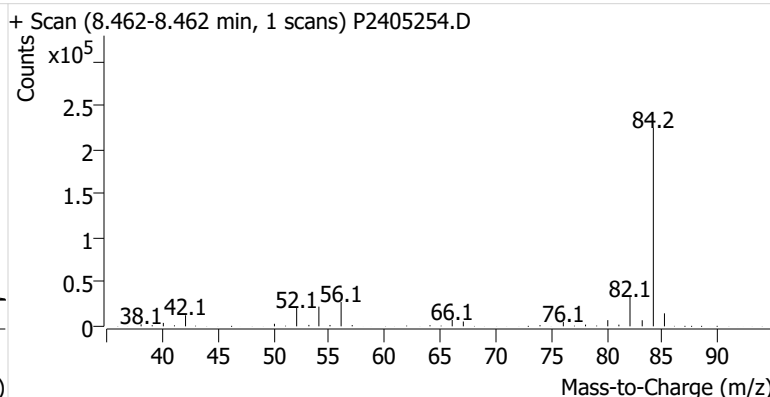
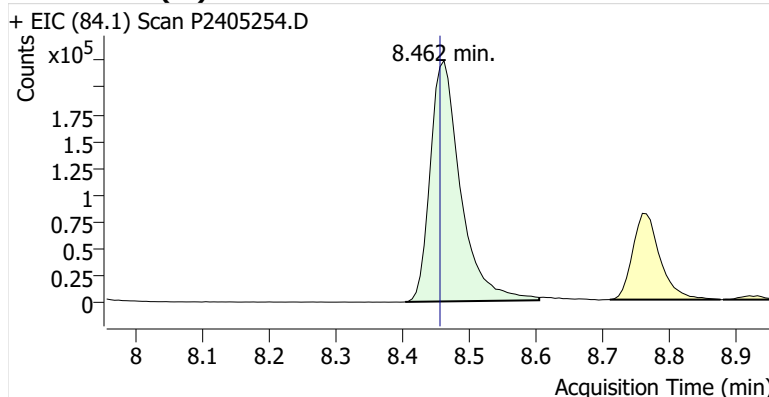
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Comment C32711
Data File P2405254.D
Acq. Date-Time 9/17/2024 10:25:51 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

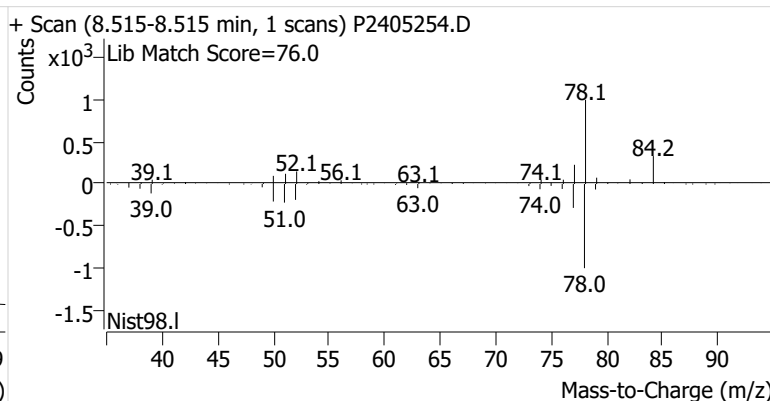
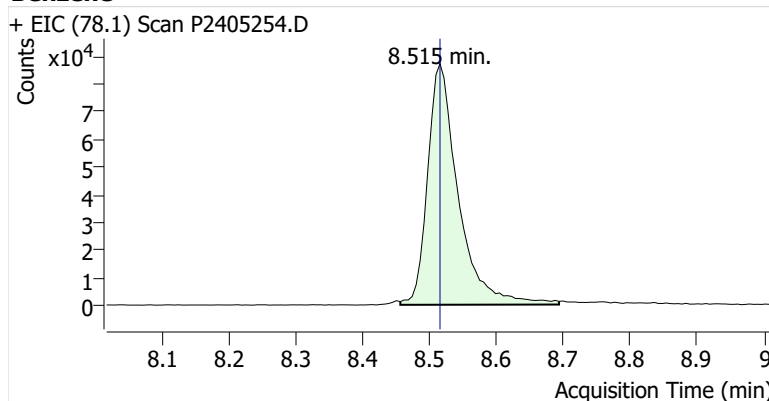


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	707,473	
Benzene	benzene-d6 (IS)	8.515	8.515	277,783	
Toluene-d8 (IS)		11.026	11.032	1,021,416	
Toluene	Toluene-d8 (IS)	11.121	11.121	968,021	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	186,644	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	361,907	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	149,338	

benzene-d6 (IS)

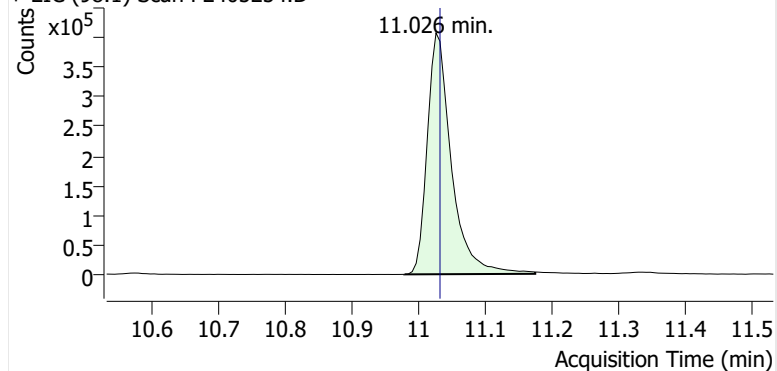


Benzene

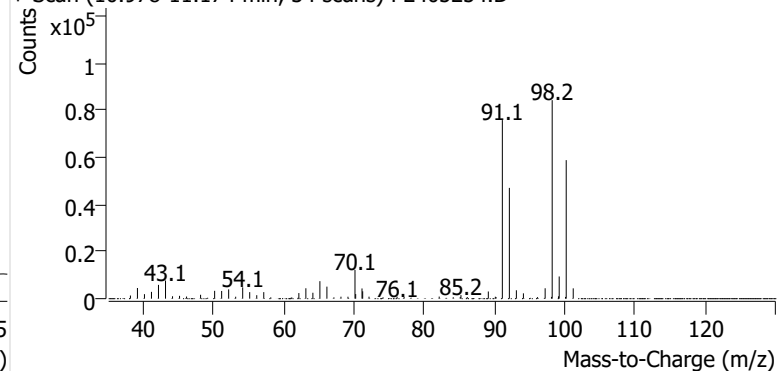


Toluene-d8 (IS)

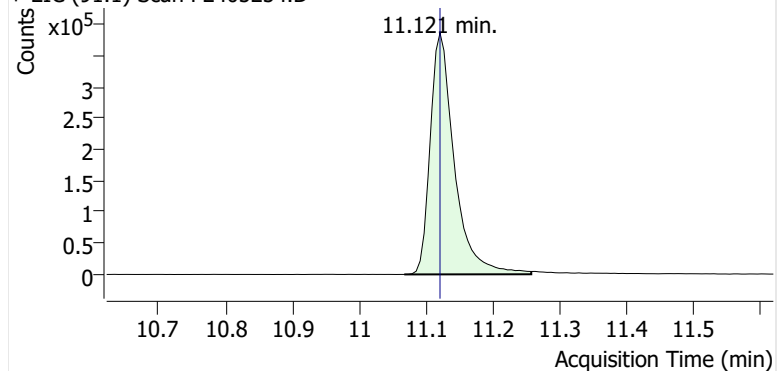
+ EIC (98.1) Scan P2405254.D



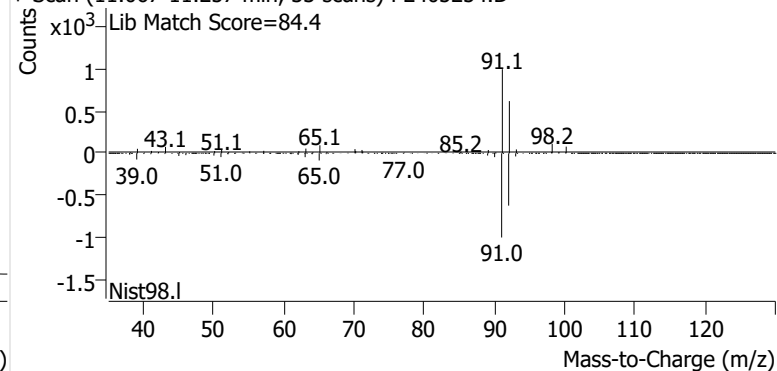
+ Scan (10.978-11.174 min, 34 scans) P2405254.D

**Toluene**

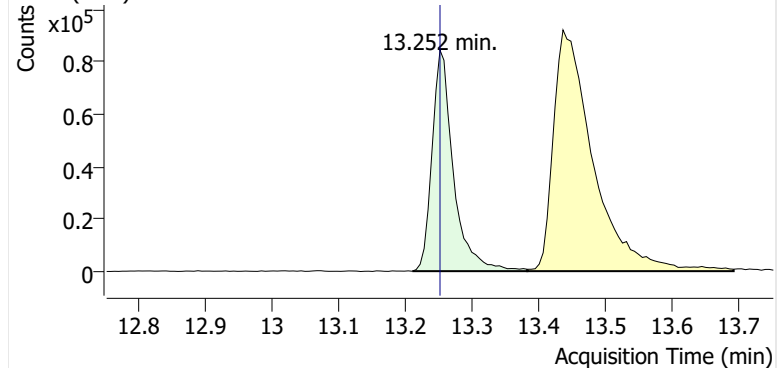
+ EIC (91.1) Scan P2405254.D



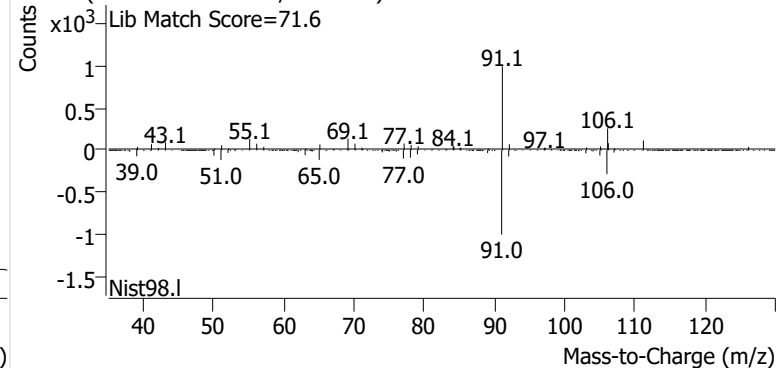
+ Scan (11.067-11.257 min, 33 scans) P2405254.D

**Ethylbenzene**

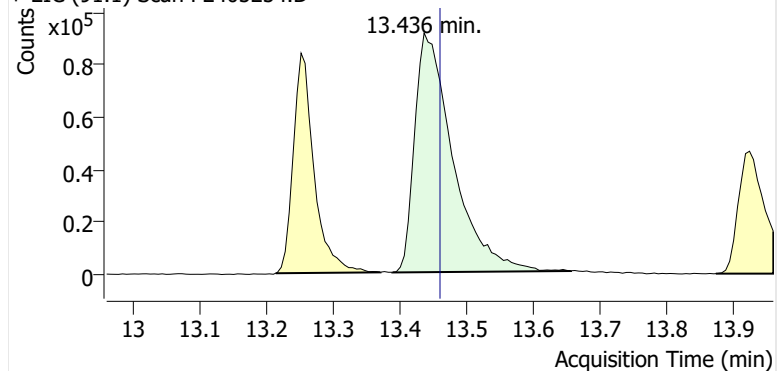
+ EIC (91.1) Scan P2405254.D



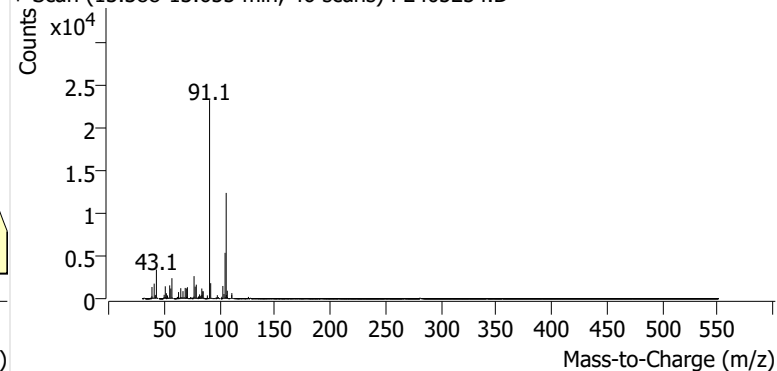
+ Scan (13.210-13.382 min, 29 scans) P2405254.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405254.D

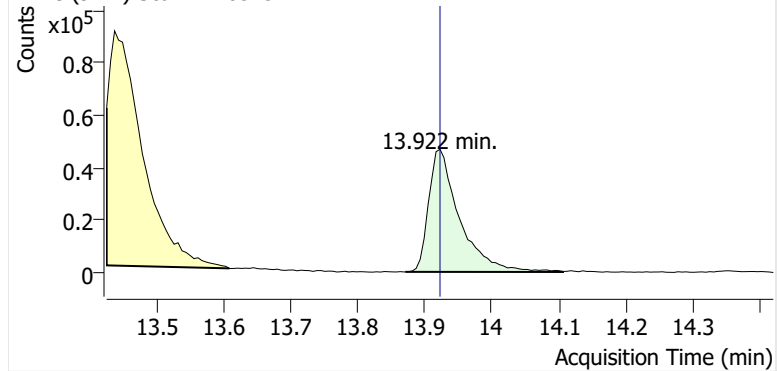


+ Scan (13.388-13.655 min, 46 scans) P2405254.D

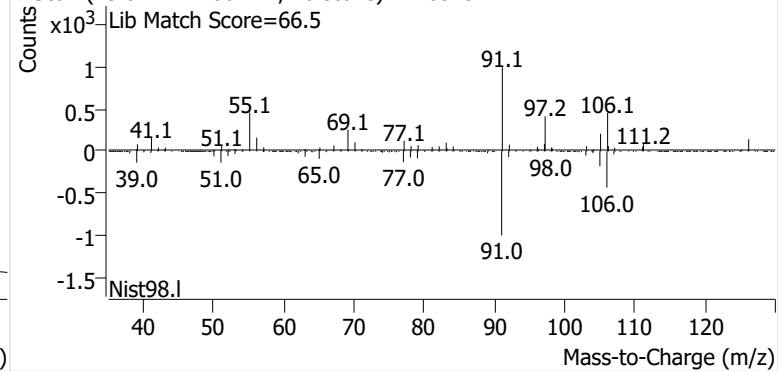


o-Xylene

+ EIC (91.1) Scan P2405254.D

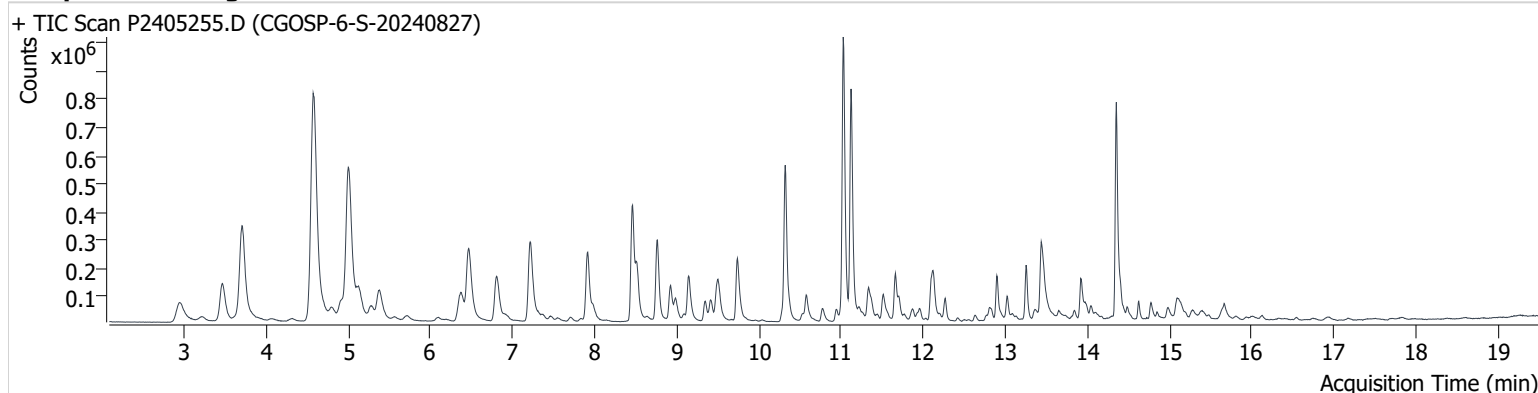


+ Scan (13.871-14.106 min, 40 scans) P2405254.D



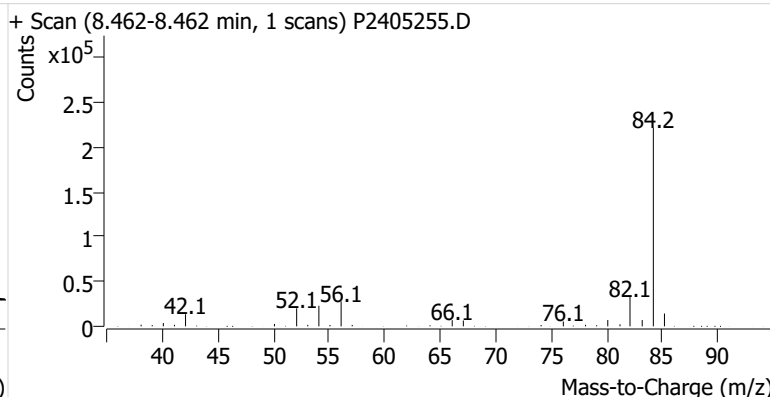
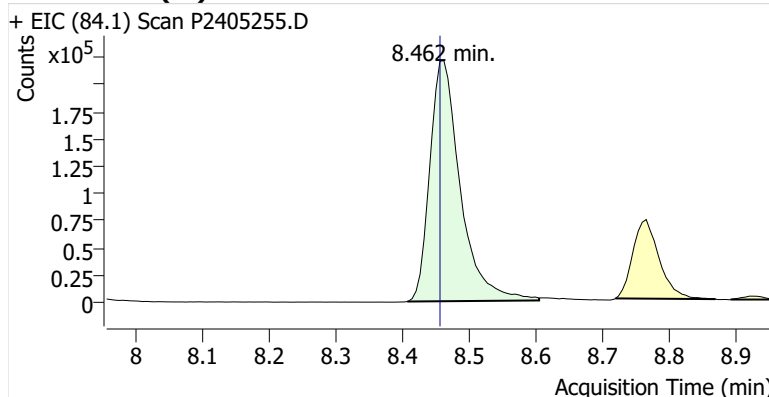
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Comment B46873
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Acq. Date-Time 9/17/2024 11:03:43 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

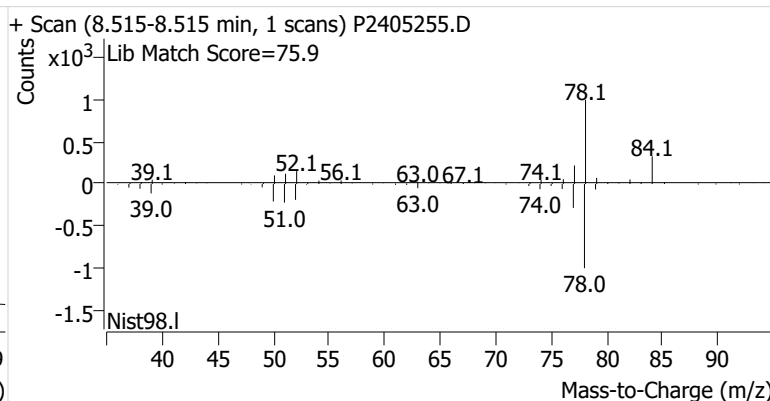
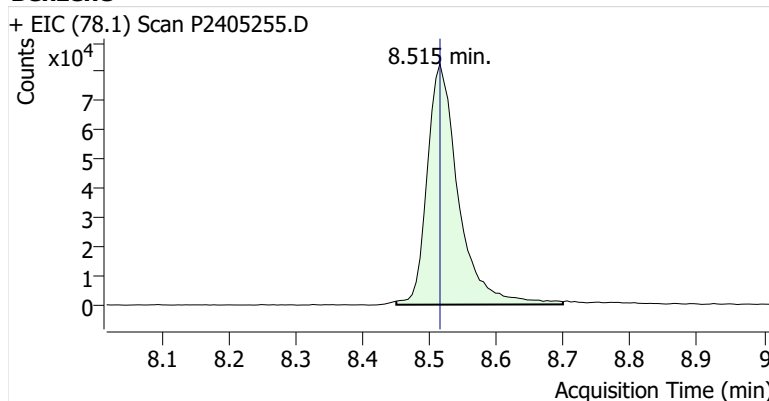


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	701,822	
Benzene	benzene-d6 (IS)	8.515	8.515	267,802	
Toluene-d8 (IS)		11.026	11.032	1,001,249	
Toluene	Toluene-d8 (IS)	11.121	11.121	871,498	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	181,532	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	378,893	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	163,915	

benzene-d6 (IS)

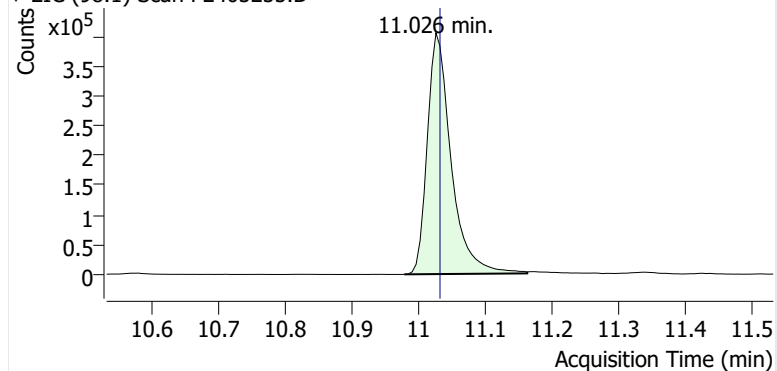


Benzene

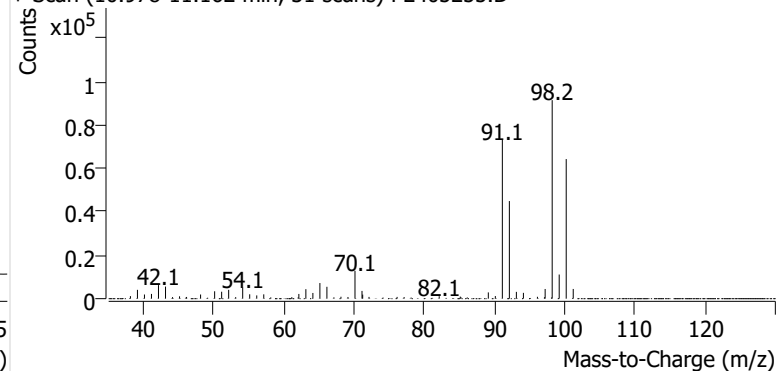


Toluene-d8 (IS)

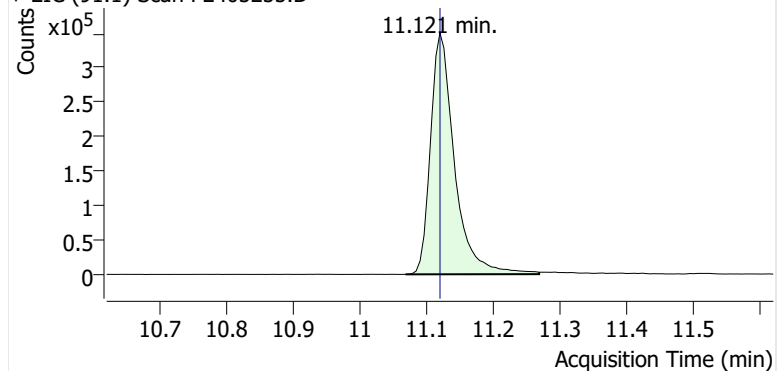
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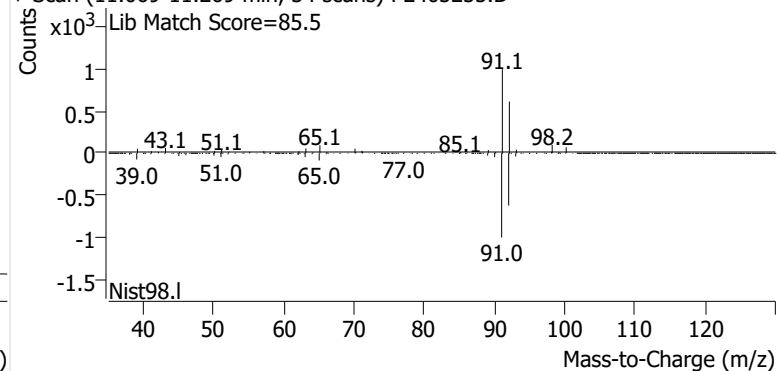
+ Scan (10.978-11.162 min, 31 scans) P2405255.D

**Toluene**

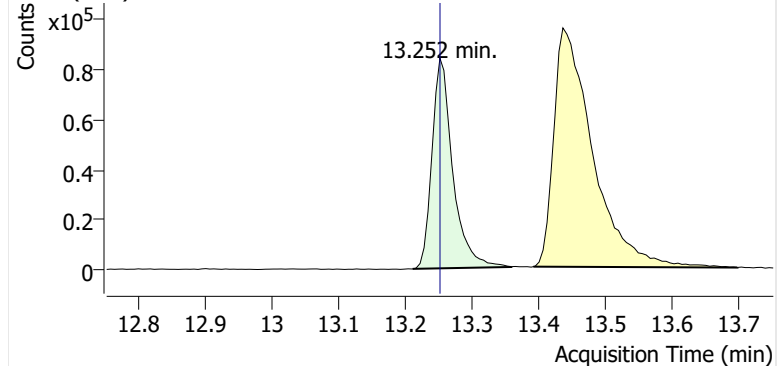
+ EIC (91.1) Scan P2405255.D



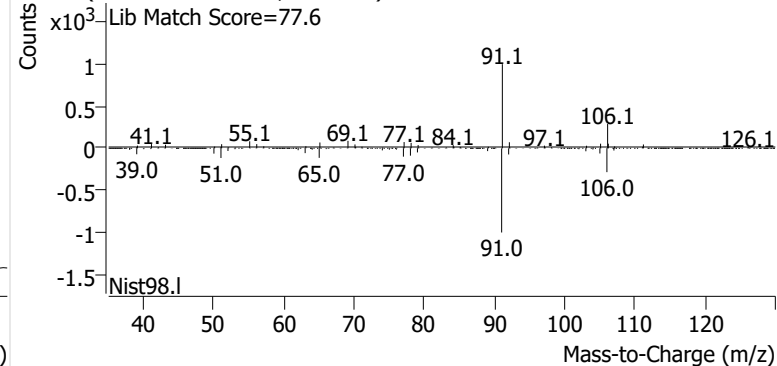
+ Scan (11.069-11.269 min, 34 scans) P2405255.D

**Ethylbenzene**

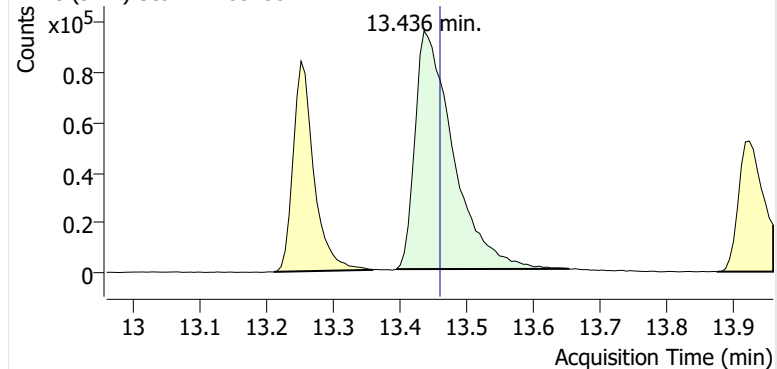
+ EIC (91.1) Scan P2405255.D



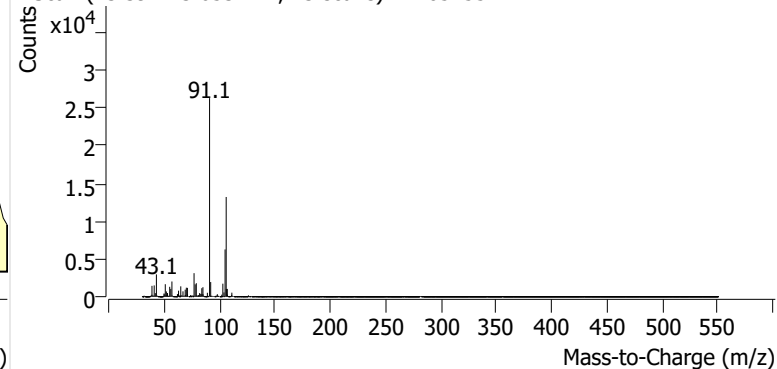
+ Scan (13.211-13.358 min, 25 scans) P2405255.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405255.D

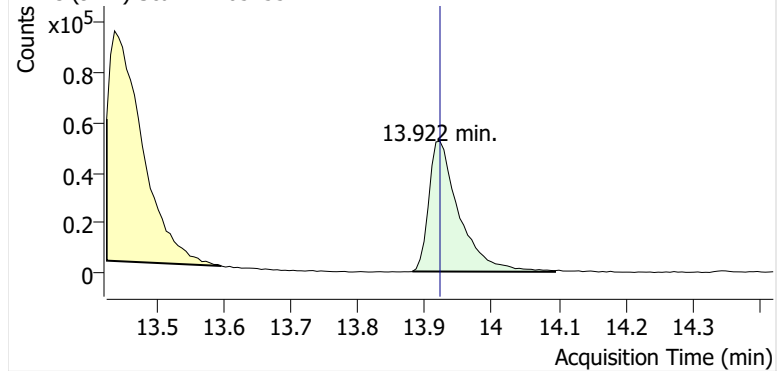


+ Scan (13.394-13.653 min, 43 scans) P2405255.D

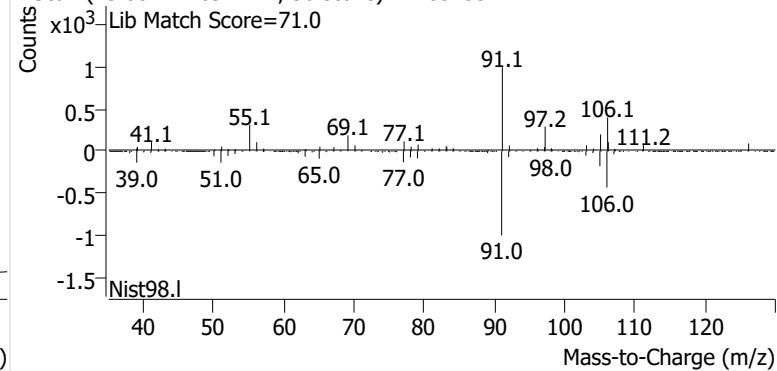


o-Xylene

+ EIC (91.1) Scan P2405255.D

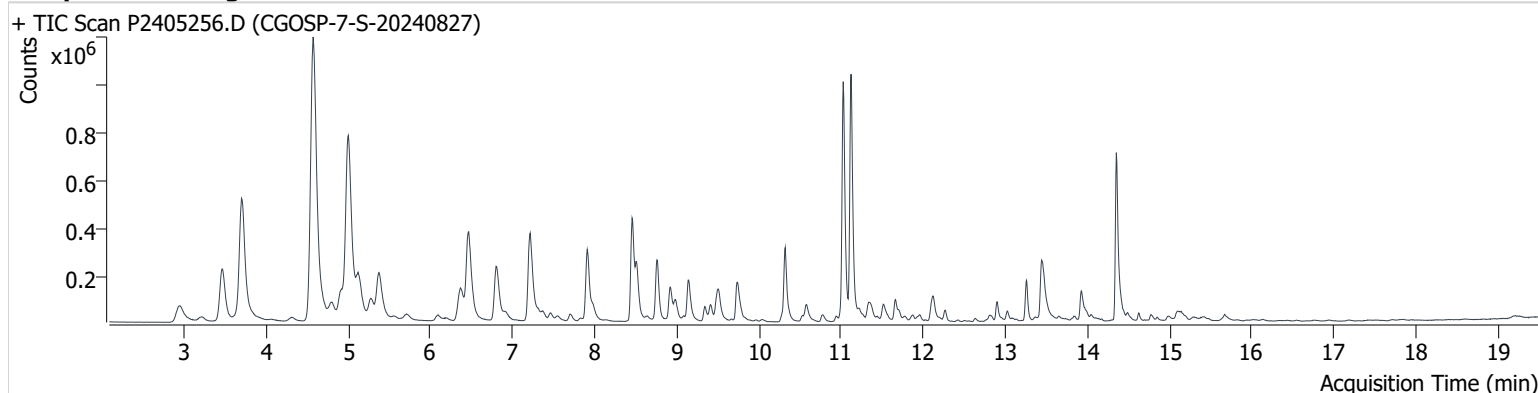


+ Scan (13.881-14.094 min, 36 scans) P2405255.D



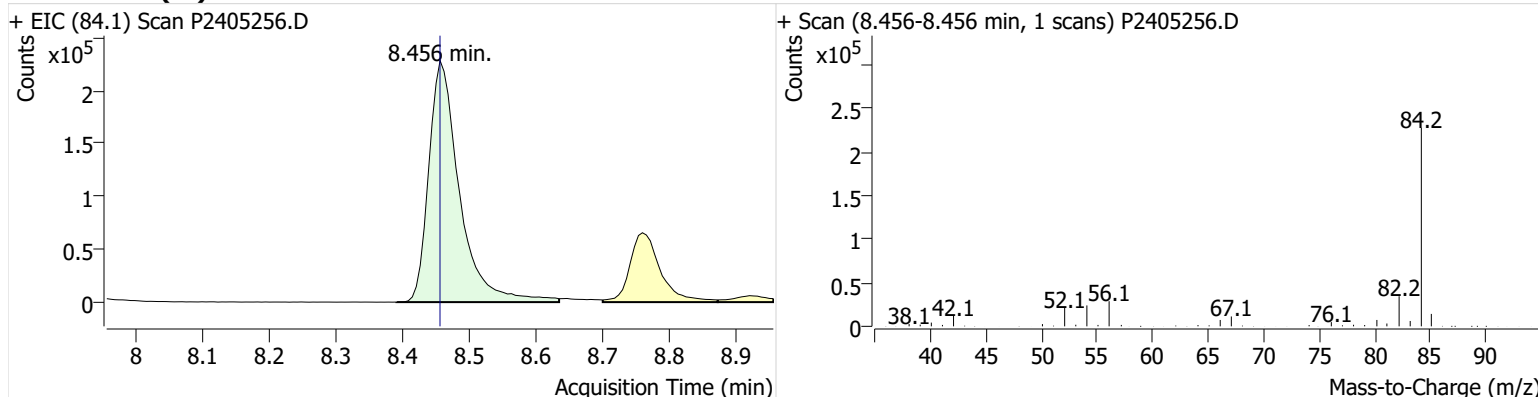
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Comment C01661
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Acq. Date-Time 9/17/2024 11:41:34 PM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

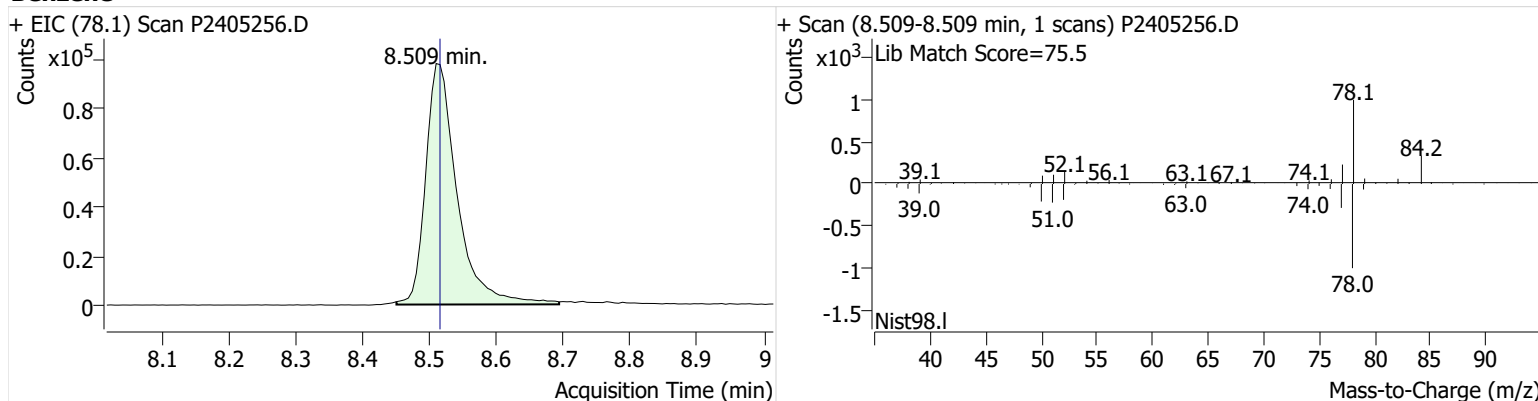


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	726,923	
Benzene	benzene-d6 (IS)	8.509	8.515	321,379	
Toluene-d8 (IS)		11.026	11.032	1,012,946	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,138,057	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	173,501	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	391,718	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	159,555	

benzene-d6 (IS)

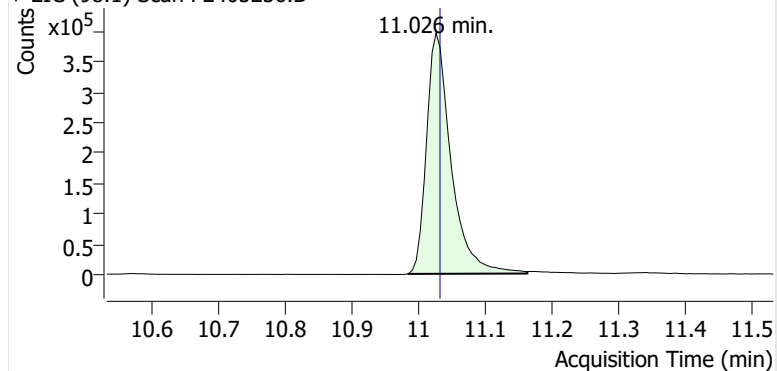


Benzene

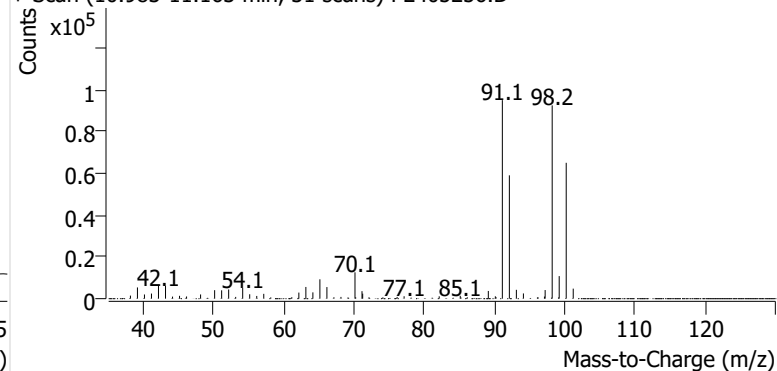


Toluene-d8 (IS)

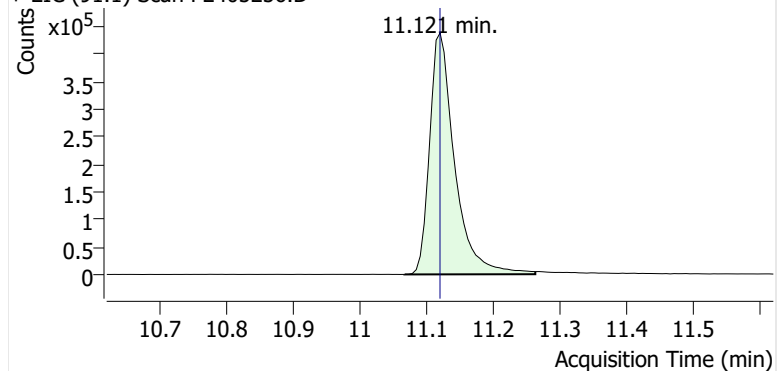
+ EIC (98.1) Scan P2405256.D



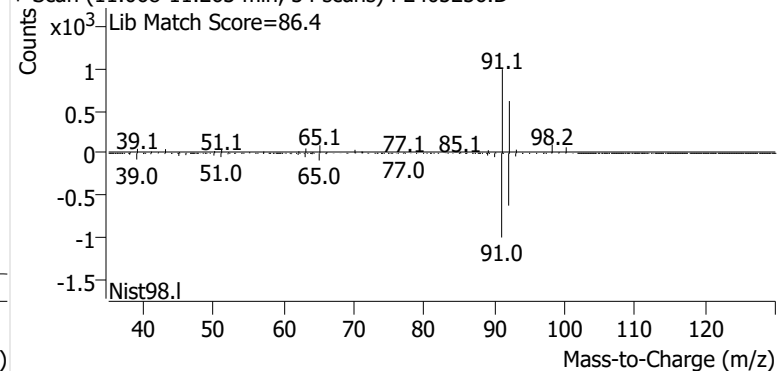
+ Scan (10.983-11.163 min, 31 scans) P2405256.D

**Toluene**

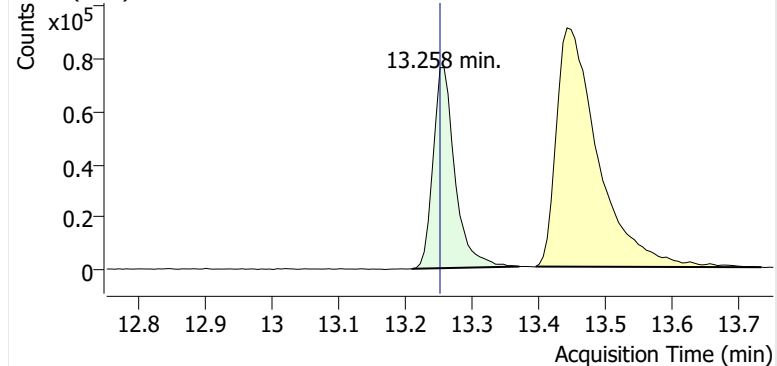
+ EIC (91.1) Scan P2405256.D



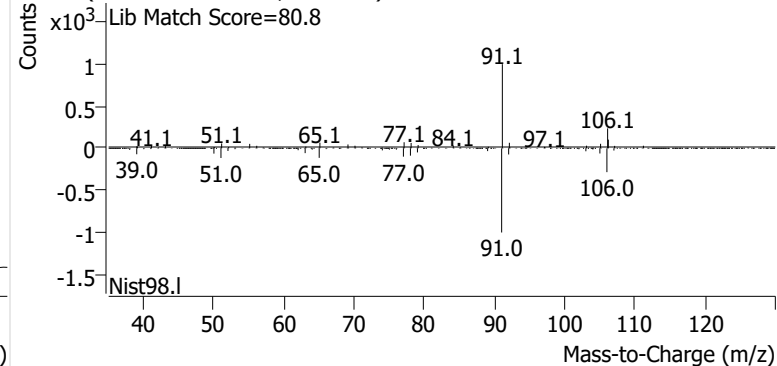
+ Scan (11.068-11.263 min, 34 scans) P2405256.D

**Ethylbenzene**

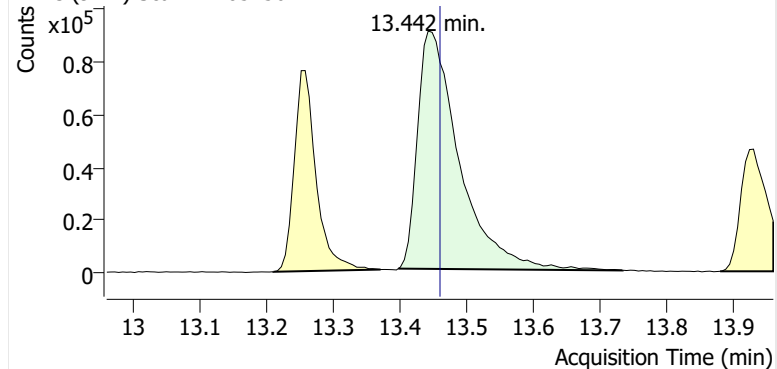
+ EIC (91.1) Scan P2405256.D



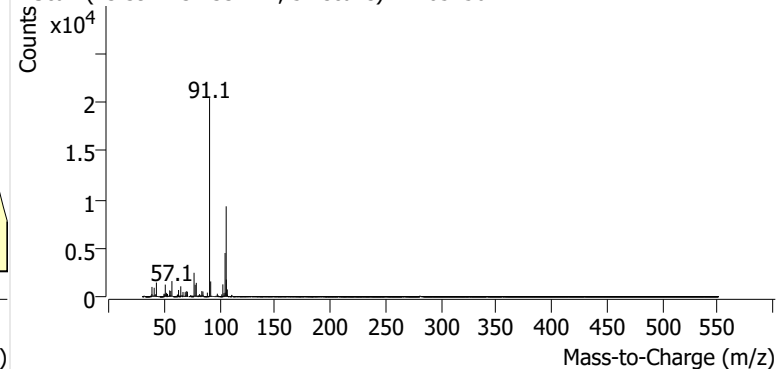
+ Scan (13.210-13.370 min, 28 scans) P2405256.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405256.D

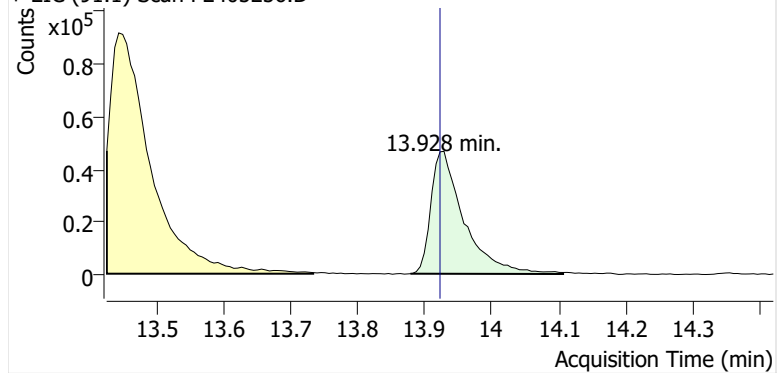


+ Scan (13.397-13.733 min, 57 scans) P2405256.D

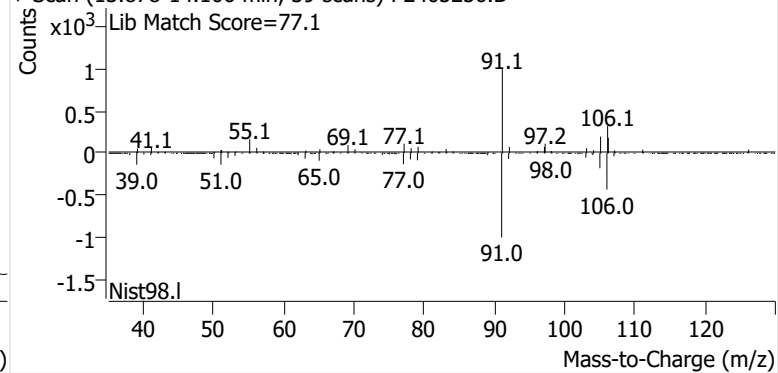


o-Xylene

+ EIC (91.1) Scan P2405256.D

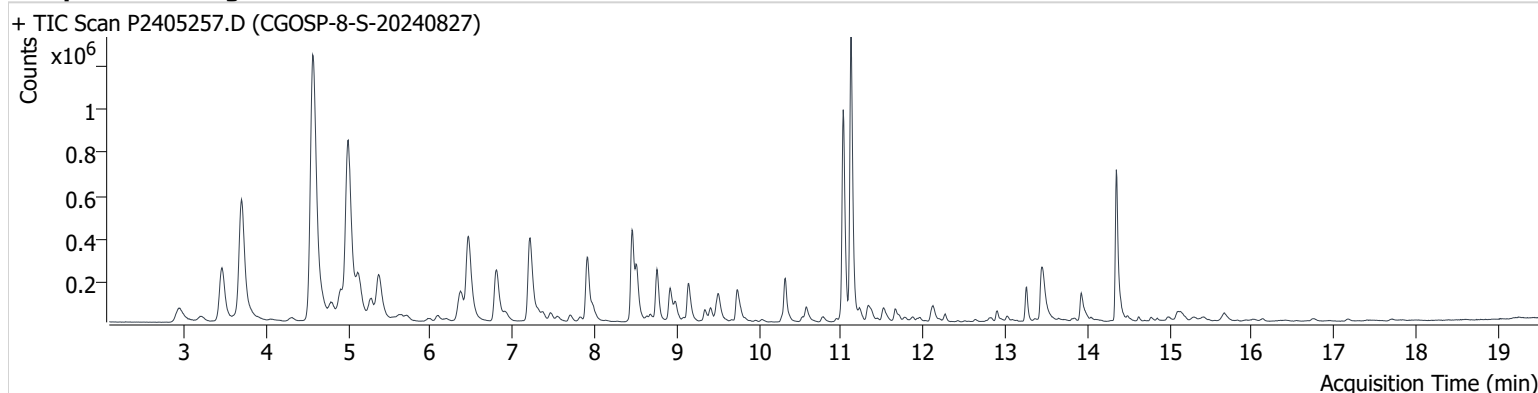


+ Scan (13.878-14.106 min, 39 scans) P2405256.D



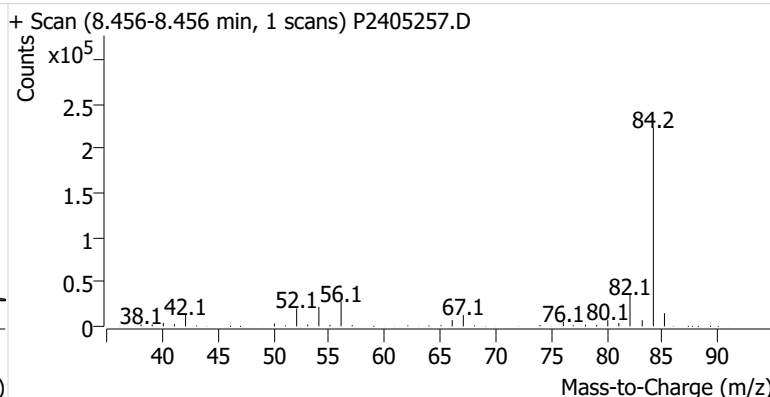
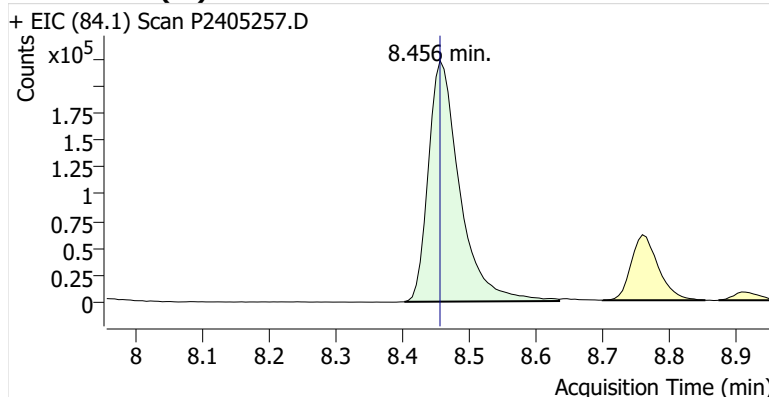
Name CGOSP-8-S-20240827
Comment C20468
Data File P2405257.D
Acq. Date-Time 9/18/2024 12:19:27 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

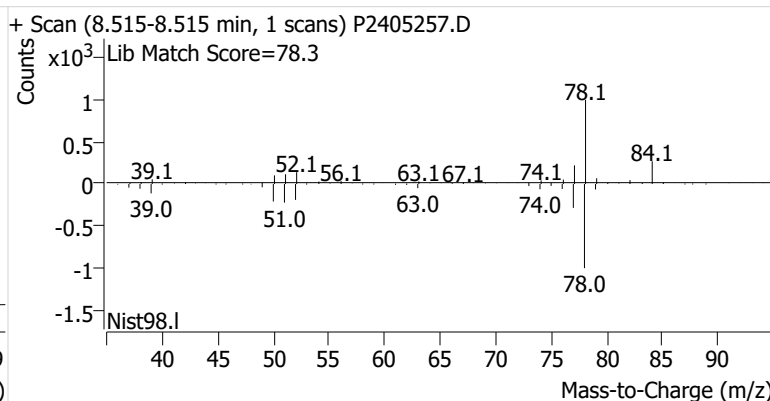
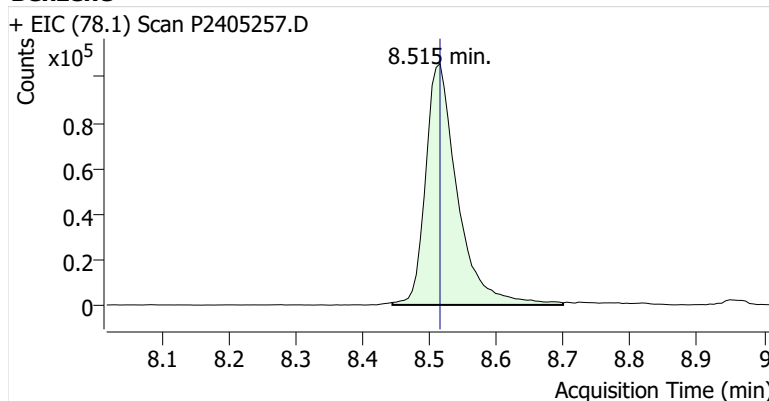


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	725,611	
Benzene	benzene-d6 (IS)	8.515	8.515	350,158	
Toluene-d8 (IS)		11.026	11.032	1,027,719	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,507,085	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	174,908	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	418,871	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	163,885	

benzene-d6 (IS)

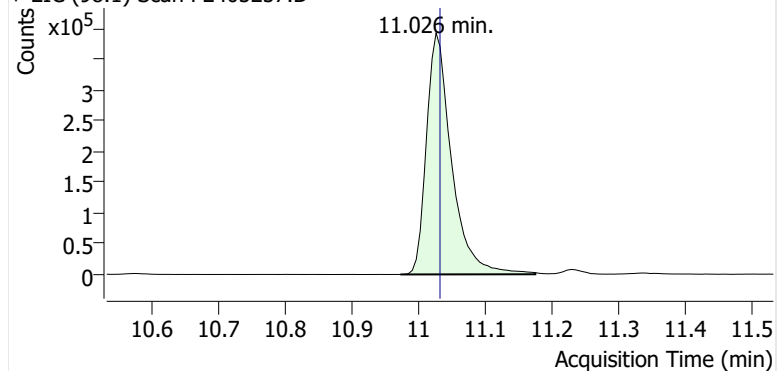


Benzene

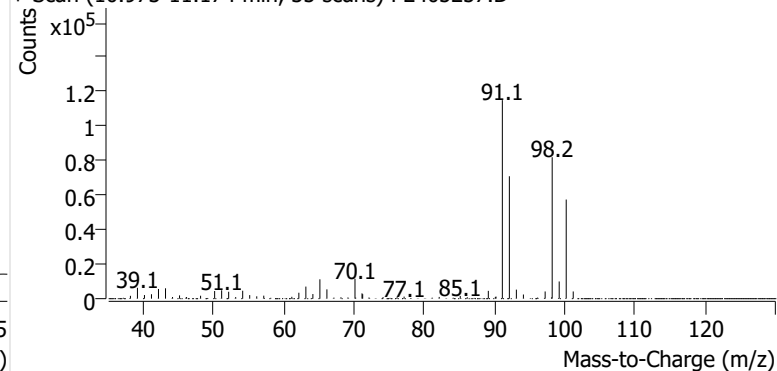


Toluene-d8 (IS)

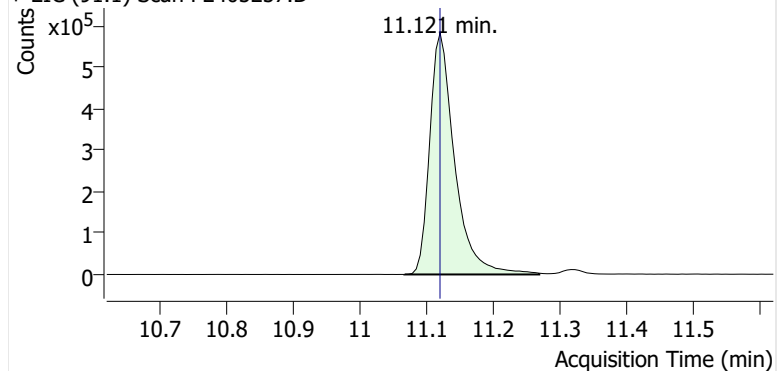
+ EIC (98.1) Scan P2405257.D



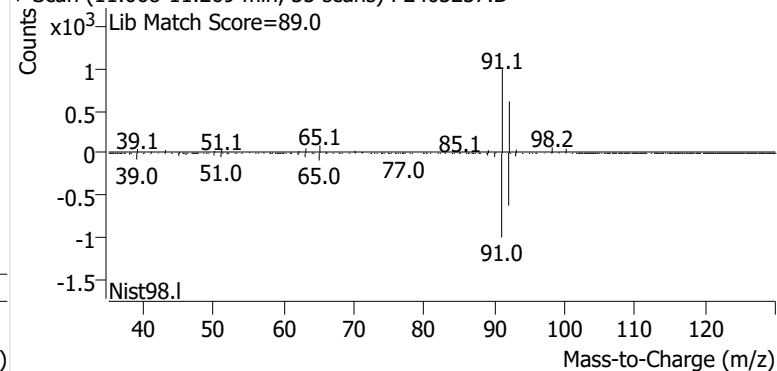
+ Scan (10.973-11.174 min, 35 scans) P2405257.D

**Toluene**

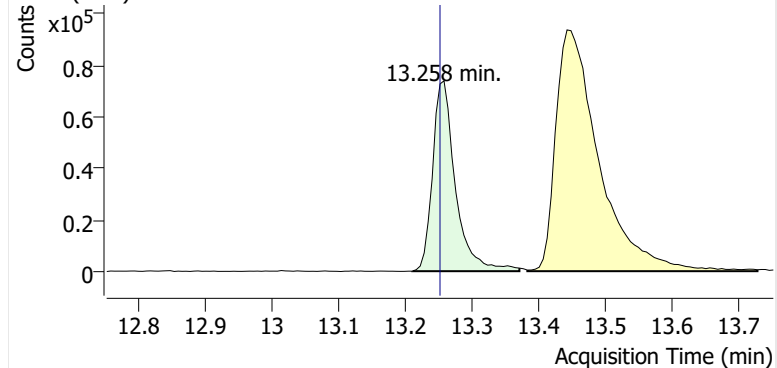
+ EIC (91.1) Scan P2405257.D



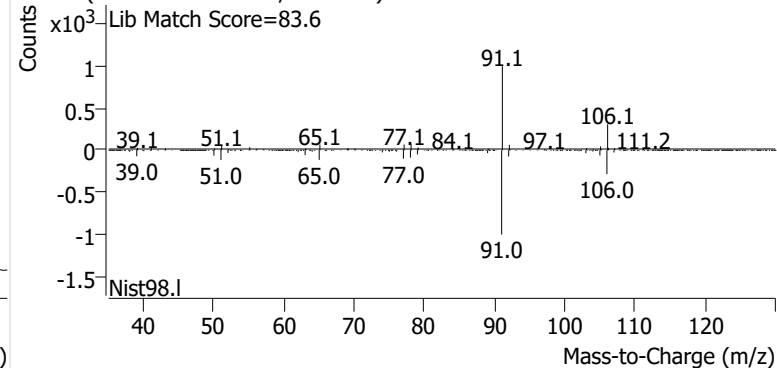
+ Scan (11.068-11.269 min, 35 scans) P2405257.D

**Ethylbenzene**

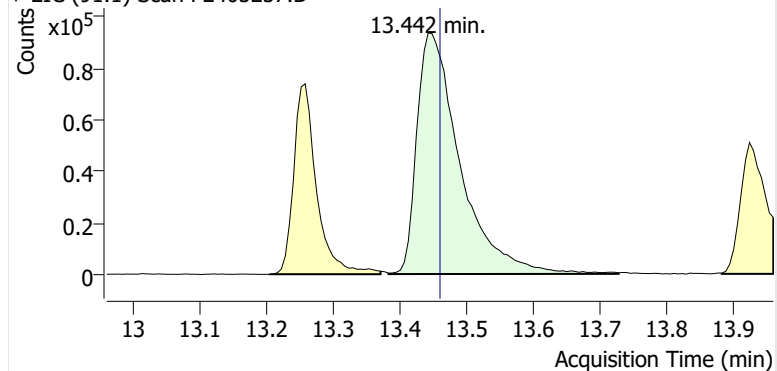
+ EIC (91.1) Scan P2405257.D



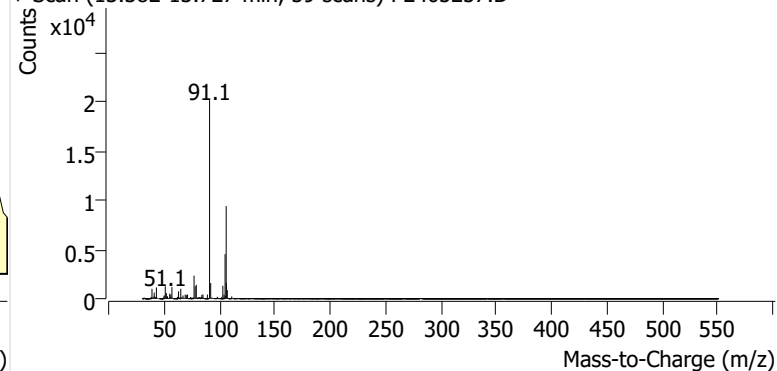
+ Scan (13.210-13.370 min, 28 scans) P2405257.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405257.D

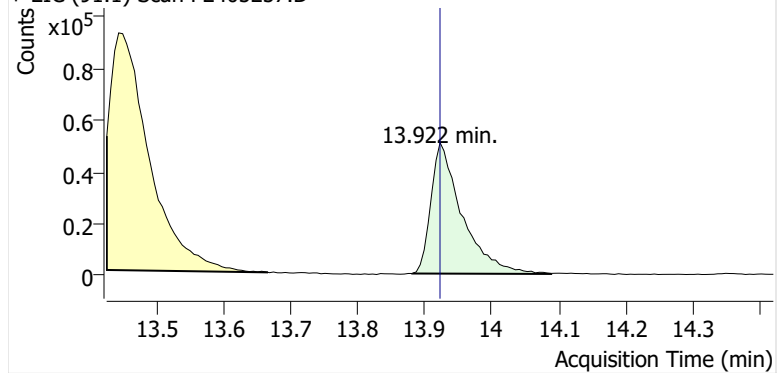


+ Scan (13.382-13.727 min, 59 scans) P2405257.D

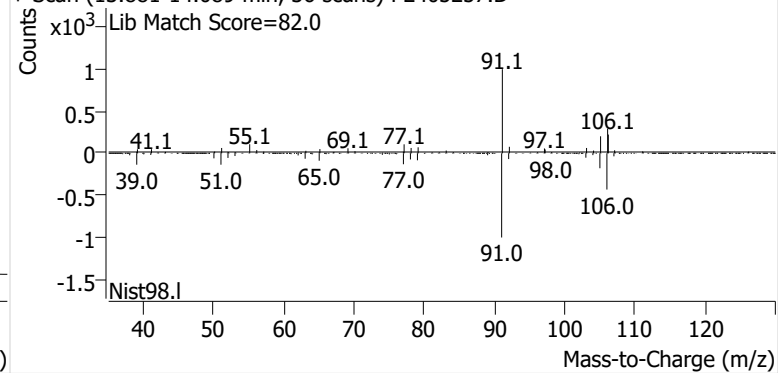


o-Xylene

+ EIC (91.1) Scan P2405257.D

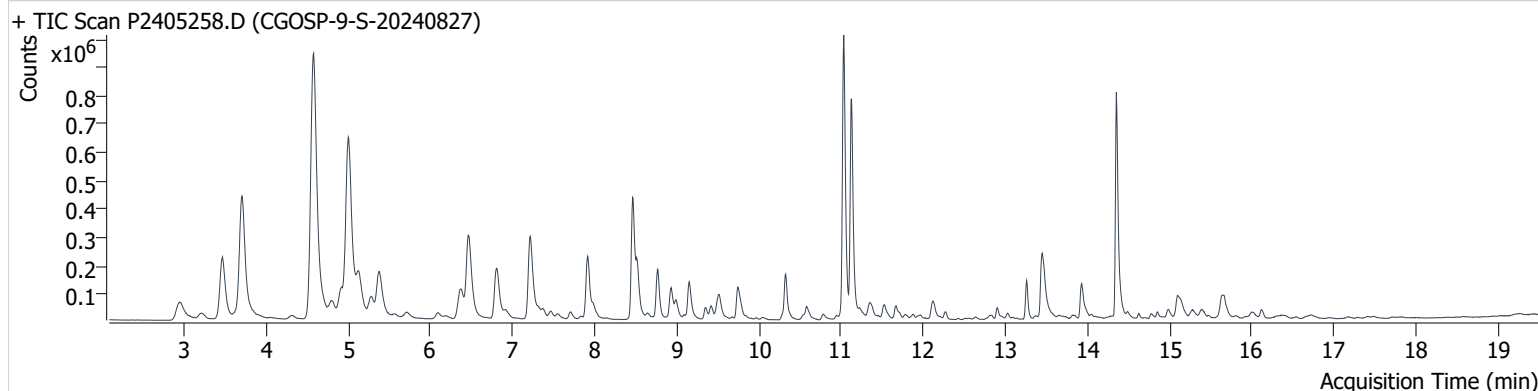


+ Scan (13.881-14.089 min, 36 scans) P2405257.D



Name CGOSP-9-S-20240827
Comment C20511
Data File P2405258.D
Acq. Date-Time 9/18/2024 12:57:17 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

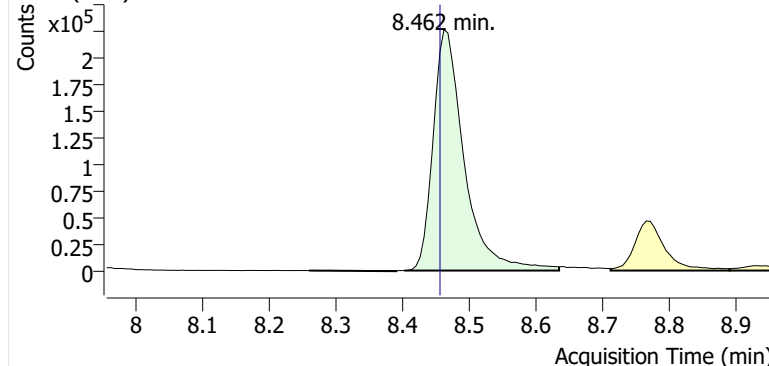
Sample Chromatogram



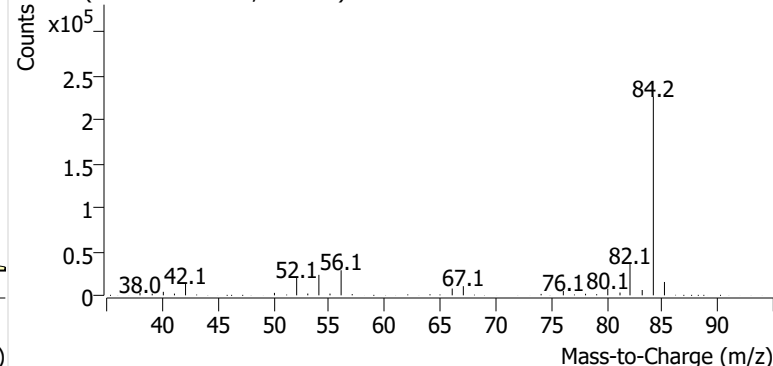
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	730,732	
Benzene	benzene-d6 (IS)	8.521	8.515	254,310	
Toluene-d8 (IS)		11.032	11.032	1,037,597	
Toluene	Toluene-d8 (IS)	11.121	11.121	864,971	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	135,126	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	339,733	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	154,601	

benzene-d6 (IS)

+ EIC (84.1) Scan P2405258.D

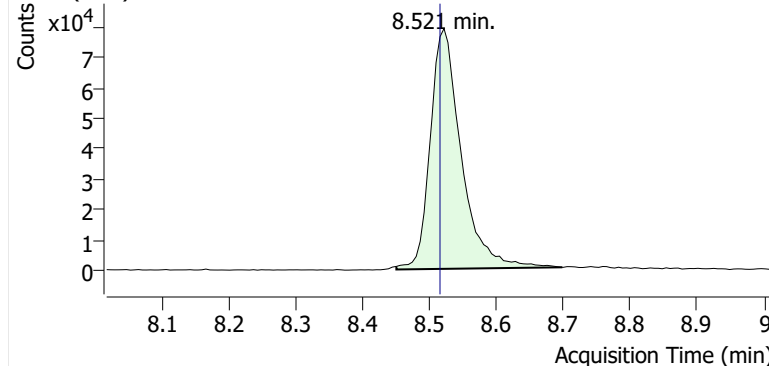


+ Scan (8.462-8.462 min, 1 scans) P2405258.D

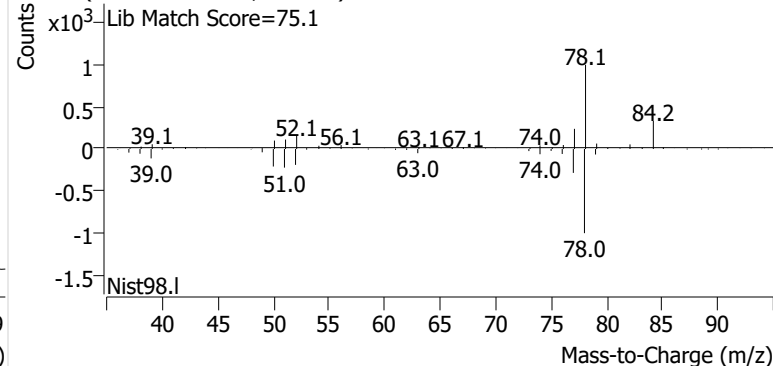


Benzene

+ EIC (78.1) Scan P2405258.D

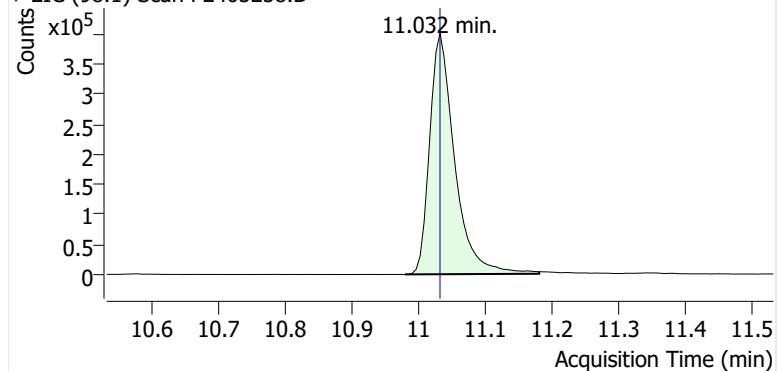


+ Scan (8.521-8.521 min, 1 scans) P2405258.D

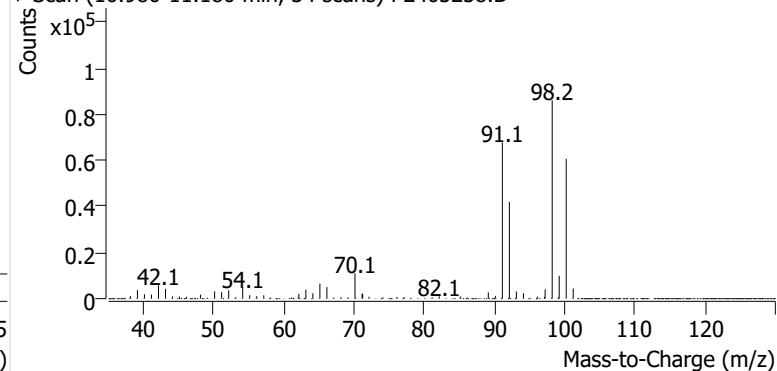


Toluene-d8 (IS)

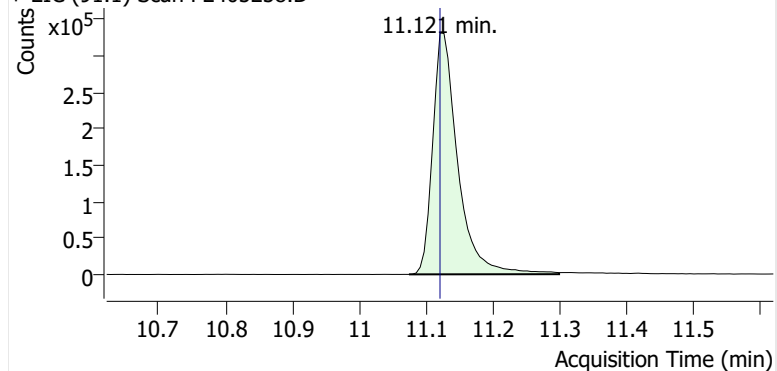
+ EIC (98.1) Scan P2405258.D



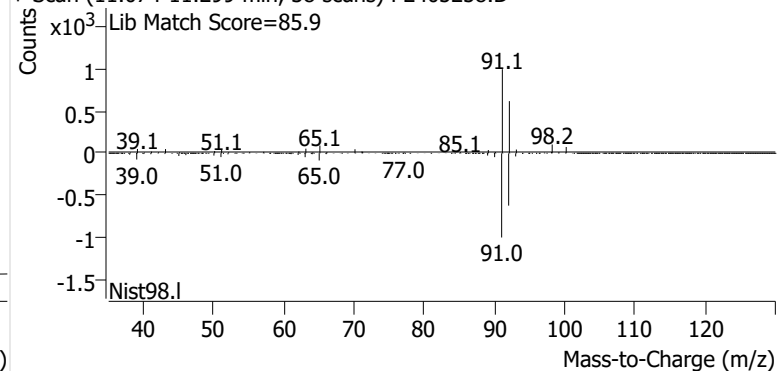
+ Scan (10.980-11.180 min, 34 scans) P2405258.D

**Toluene**

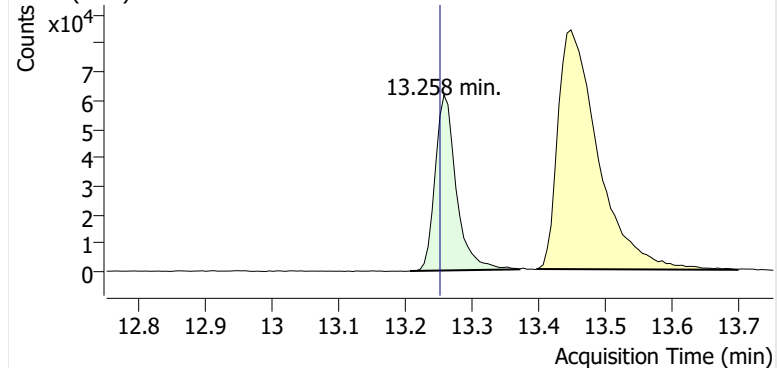
+ EIC (91.1) Scan P2405258.D



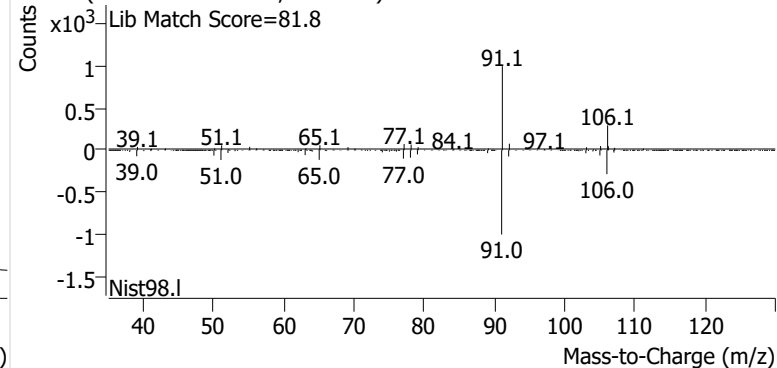
+ Scan (11.074-11.299 min, 38 scans) P2405258.D

**Ethylbenzene**

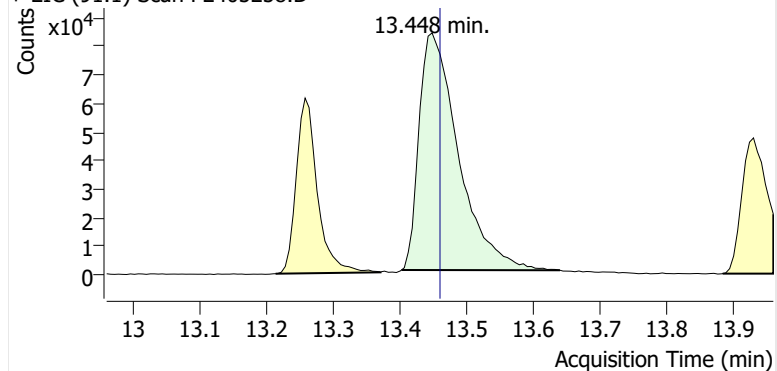
+ EIC (91.1) Scan P2405258.D



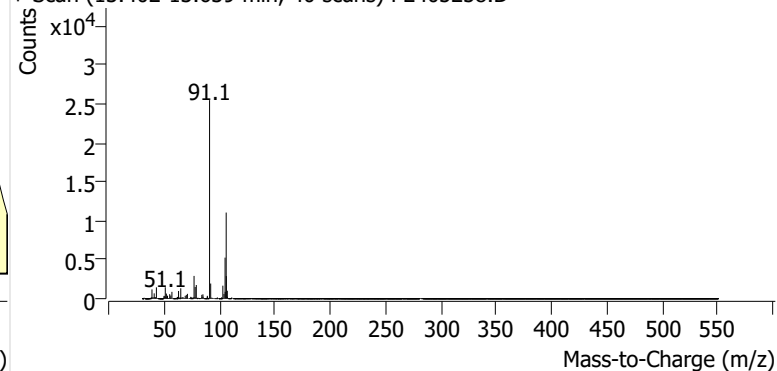
+ Scan (13.207-13.370 min, 28 scans) P2405258.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405258.D

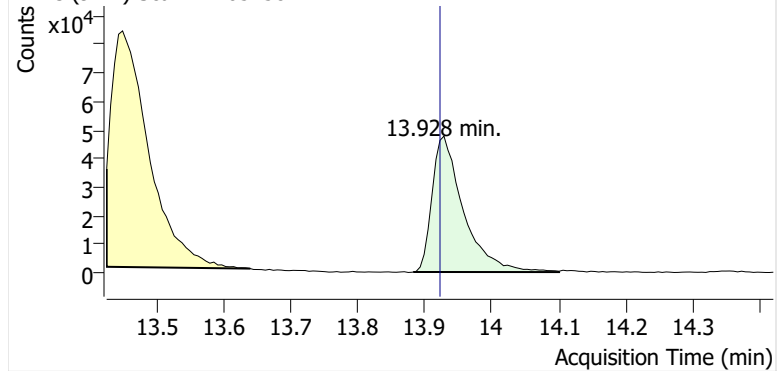


+ Scan (13.402-13.639 min, 40 scans) P2405258.D

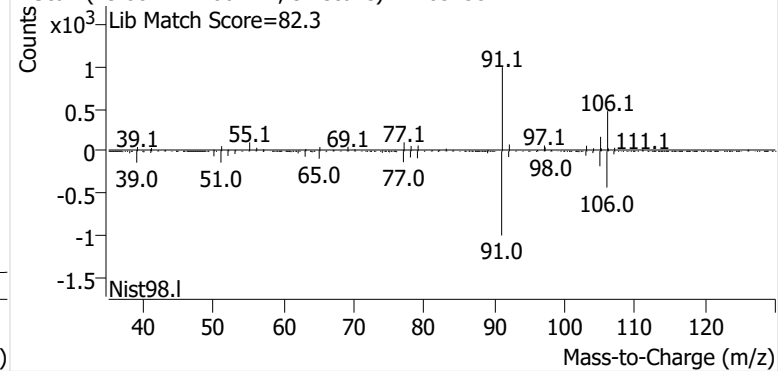


o-Xylene

+ EIC (91.1) Scan P2405258.D

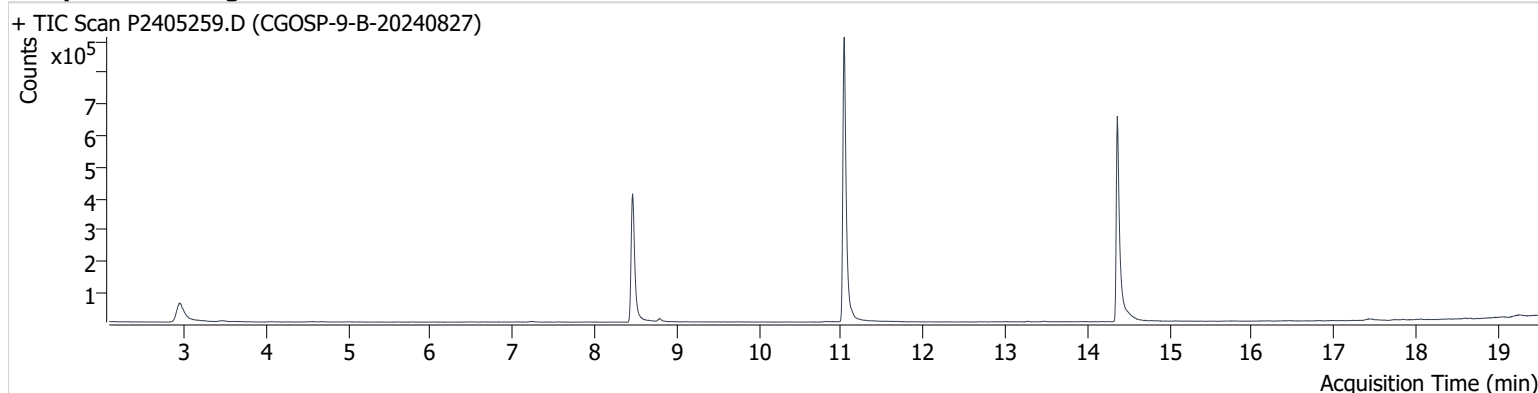


+ Scan (13.882-14.100 min, 37 scans) P2405258.D



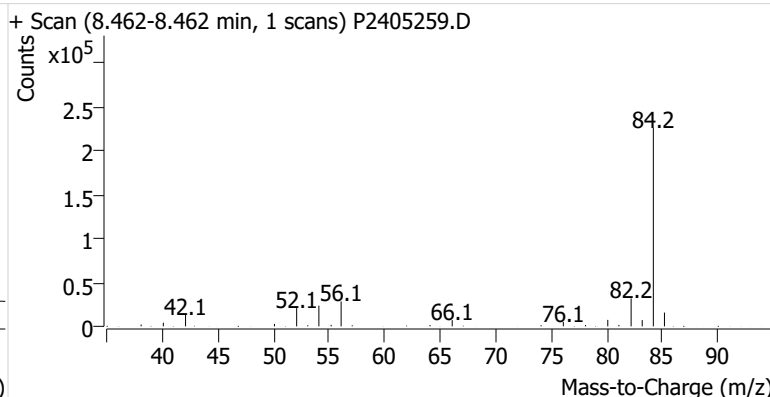
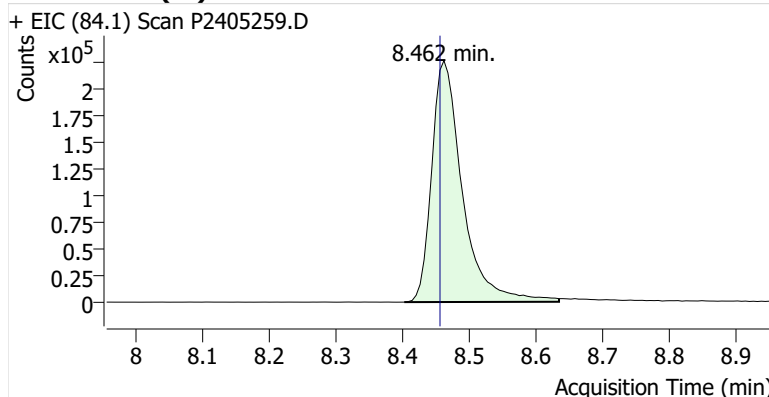
Name CGOSP-9-B-20240827
Comment B38435
Data File P2405259.D
Acq. Date-Time 9/18/2024 1:35:10 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

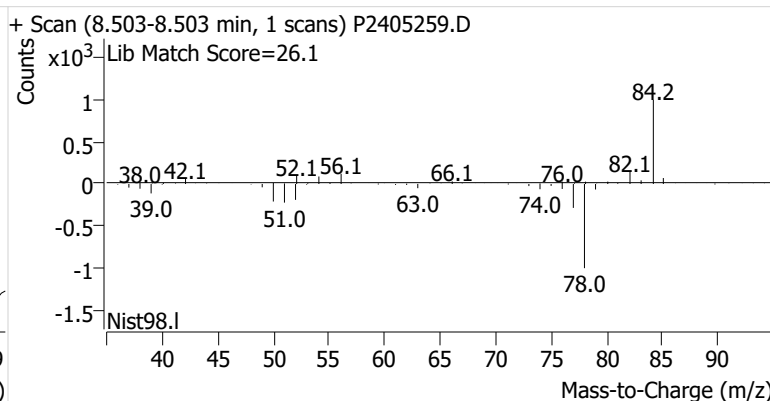
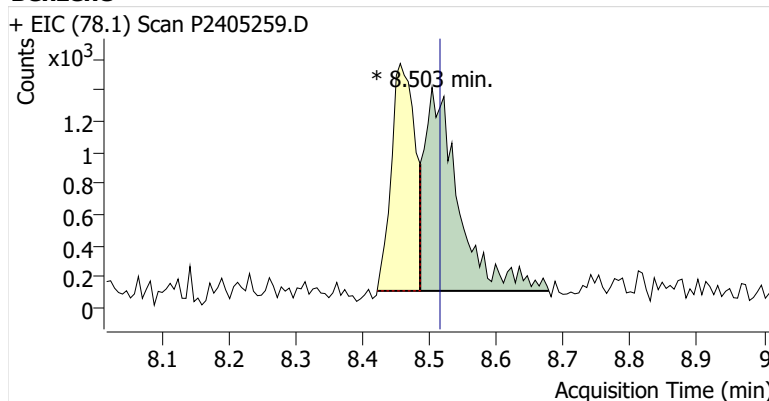


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	719,372	
Benzene	benzene-d6 (IS)	8.503	8.515	4,673	m
Toluene-d8 (IS)		11.038	11.032	1,022,151	
Toluene	Toluene-d8 (IS)	11.127	11.121	11,821	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	1,929	
m-/p-Xylene	Toluene-d8 (IS)	13.477	13.459	2,368	
o-Xylene	Toluene-d8 (IS)	13.952	13.922	530	

benzene-d6 (IS)

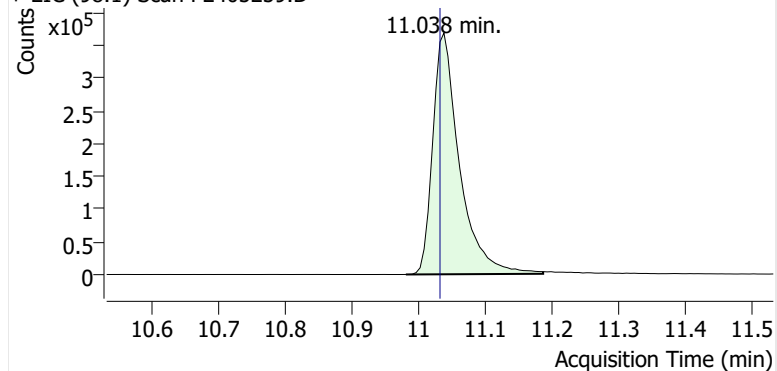


Benzene

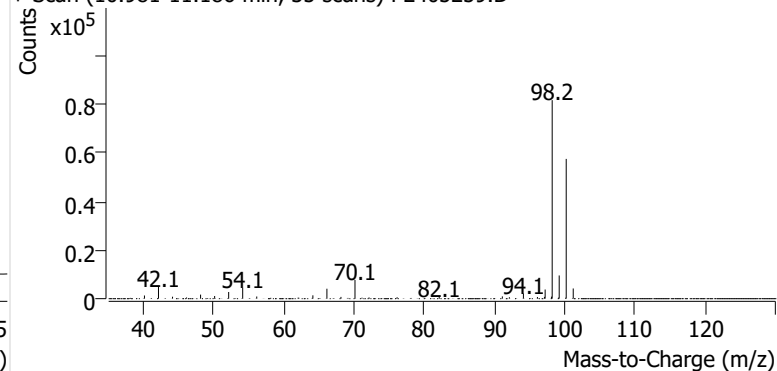


Toluene-d8 (IS)

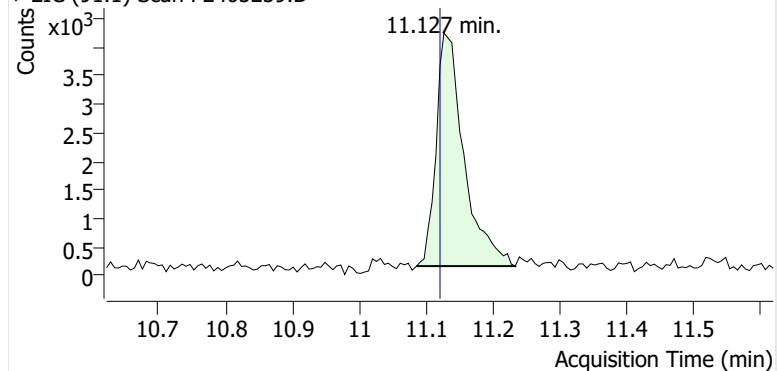
+ EIC (98.1) Scan P2405259.D



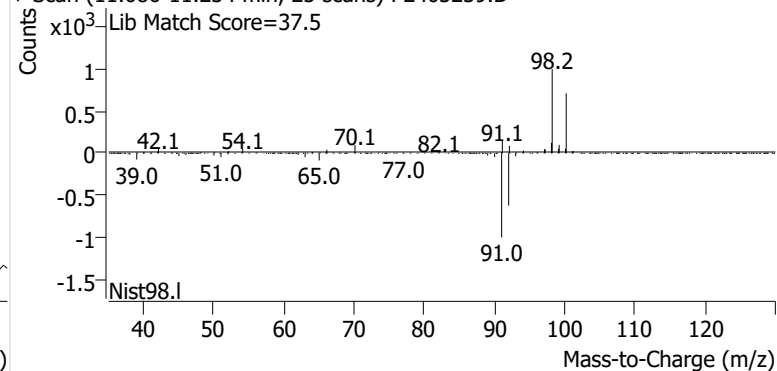
+ Scan (10.981-11.186 min, 35 scans) P2405259.D

**Toluene**

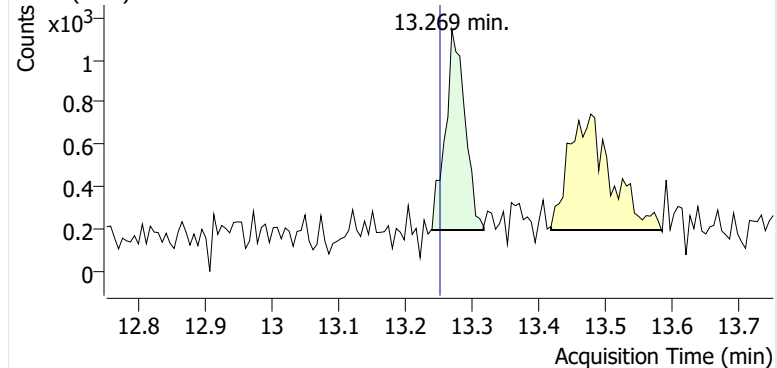
+ EIC (91.1) Scan P2405259.D



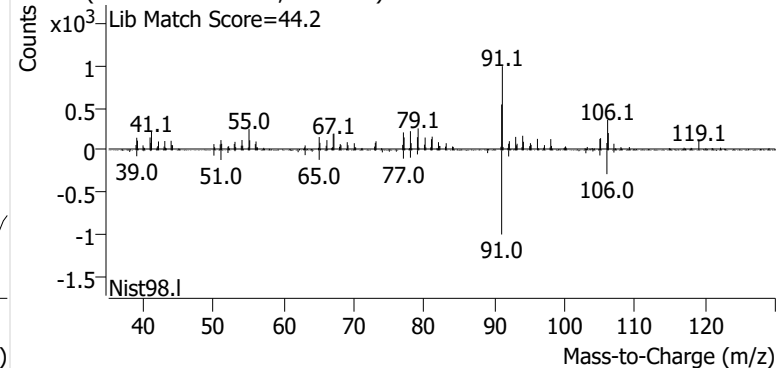
+ Scan (11.086-11.234 min, 25 scans) P2405259.D

**Ethylbenzene**

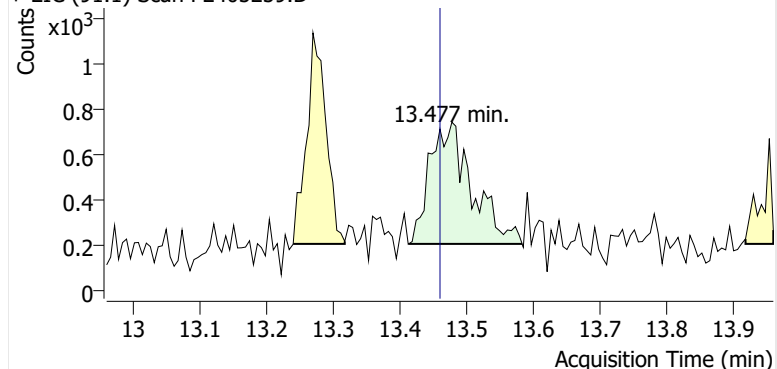
+ EIC (91.1) Scan P2405259.D



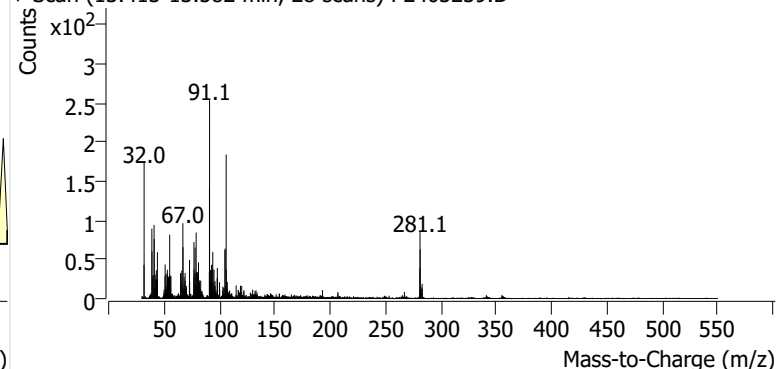
+ Scan (13.238-13.317 min, 14 scans) P2405259.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405259.D

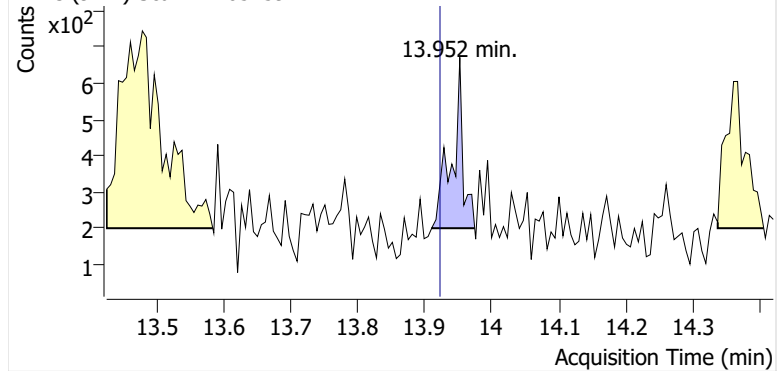


+ Scan (13.413-13.582 min, 28 scans) P2405259.D

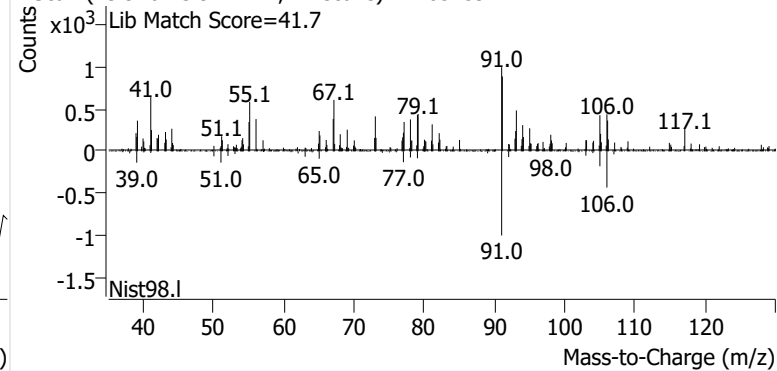


o-Xylene

+ EIC (91.1) Scan P2405259.D

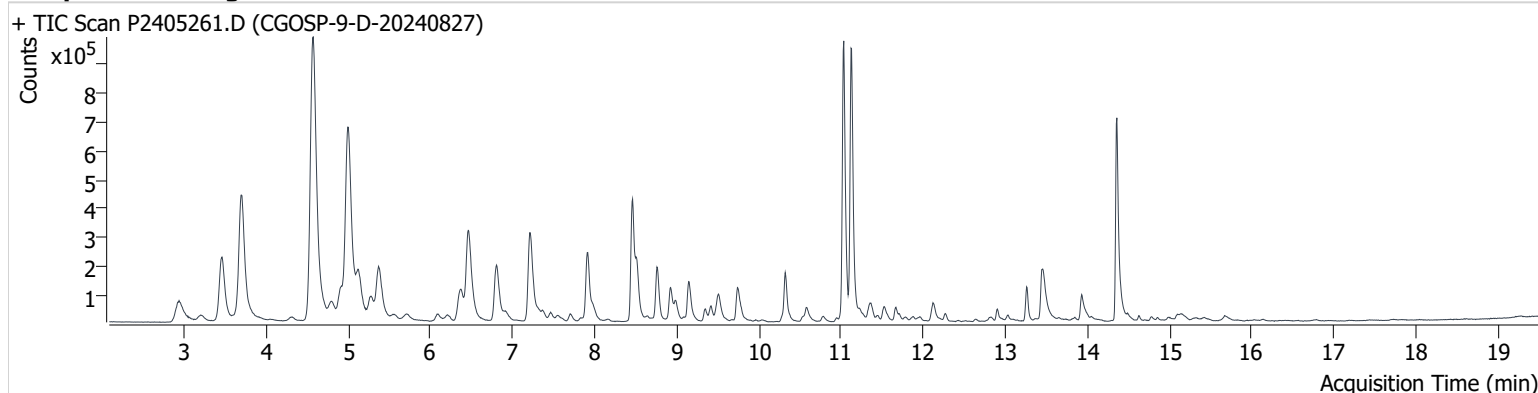


+ Scan (13.910-13.974 min, 11 scans) P2405259.D



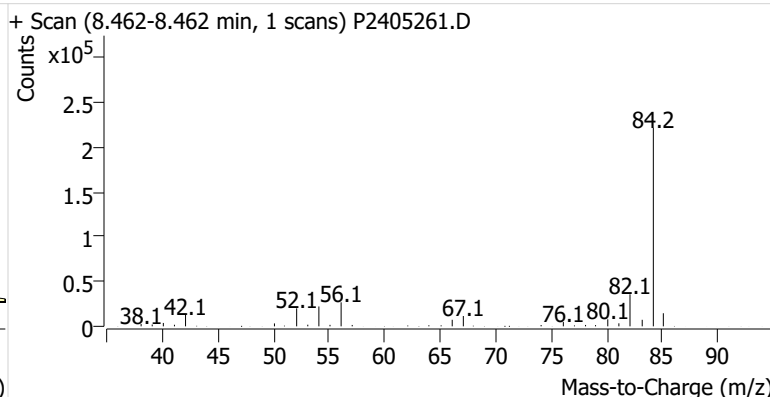
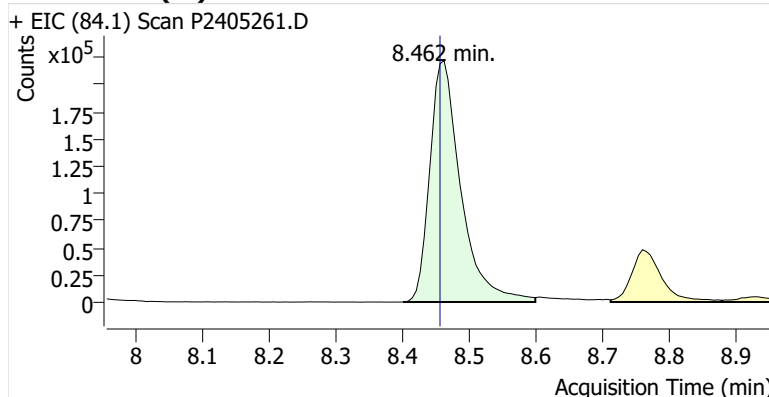
Name CGOSP-9-D-20240827
Comment B37568
Data File P2405261.D
Acq. Date-Time 9/18/2024 2:50:53 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

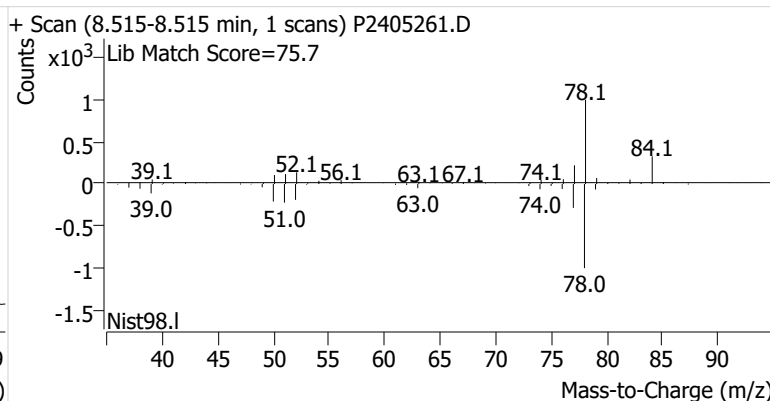
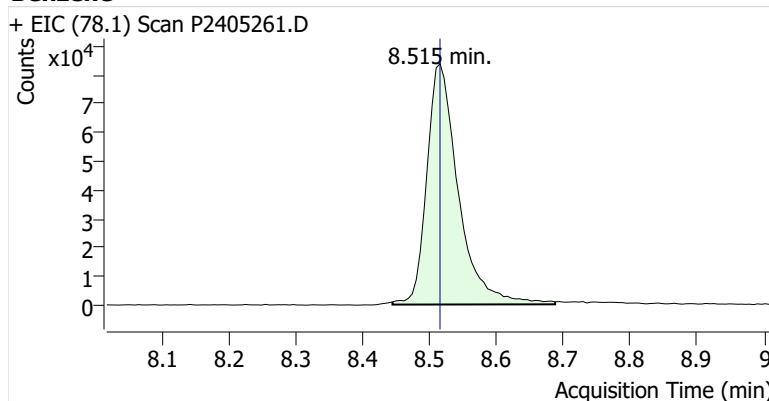


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,113	
Benzene	benzene-d6 (IS)	8.515	8.515	274,712	
Toluene-d8 (IS)		11.032	11.032	1,022,258	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,092,550	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	128,445	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	308,306	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	118,982	

benzene-d6 (IS)

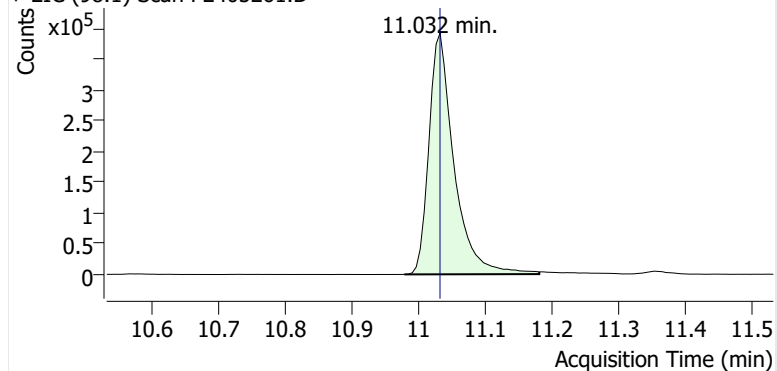


Benzene

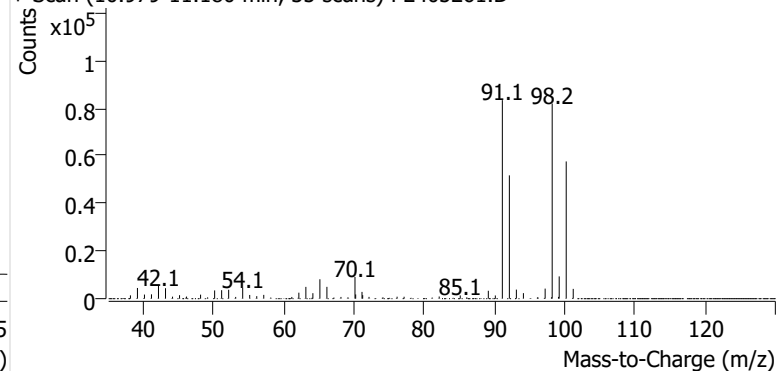


Toluene-d8 (IS)

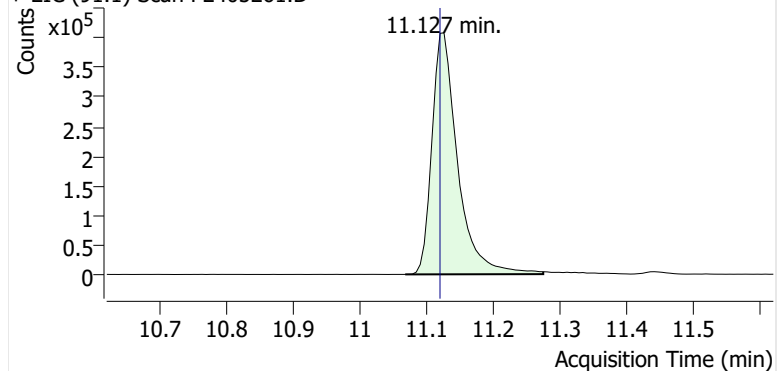
+ EIC (98.1) Scan P2405261.D



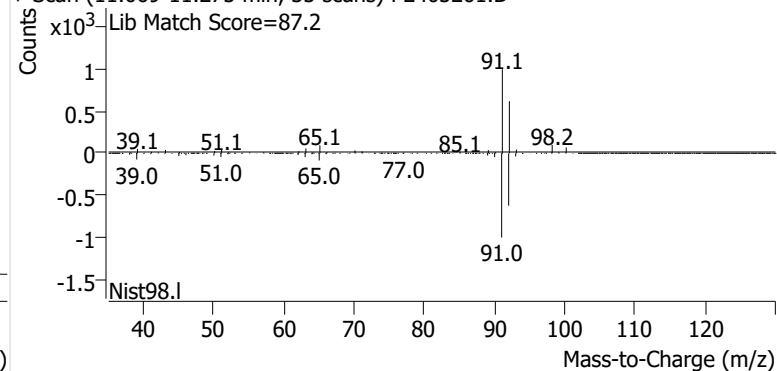
+ Scan (10.979-11.180 min, 35 scans) P2405261.D

**Toluene**

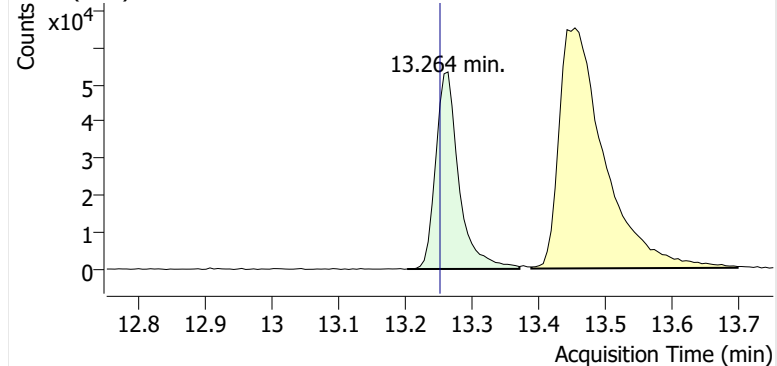
+ EIC (91.1) Scan P2405261.D



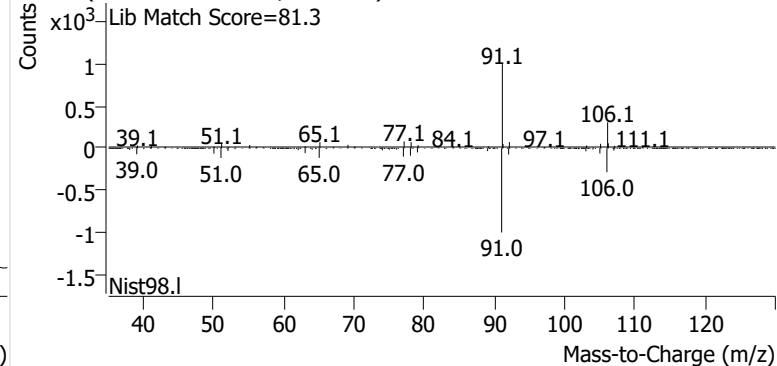
+ Scan (11.069-11.275 min, 35 scans) P2405261.D

**Ethylbenzene**

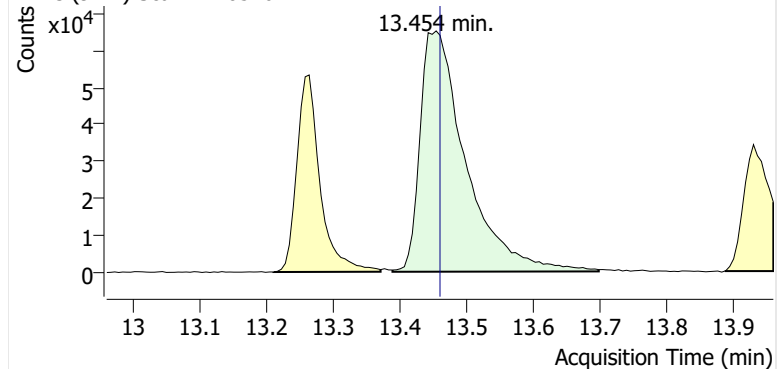
+ EIC (91.1) Scan P2405261.D



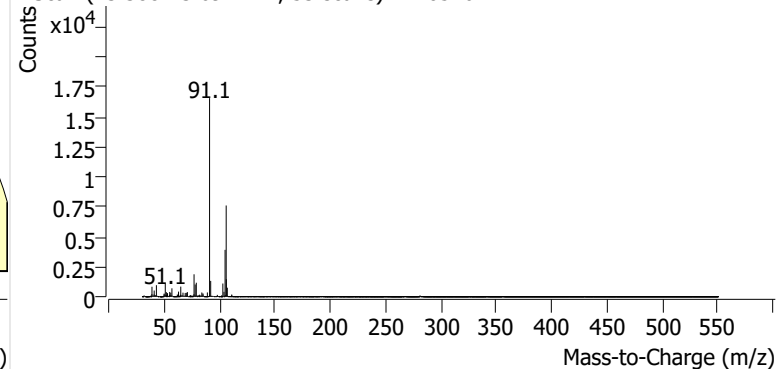
+ Scan (13.202-13.370 min, 29 scans) P2405261.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405261.D

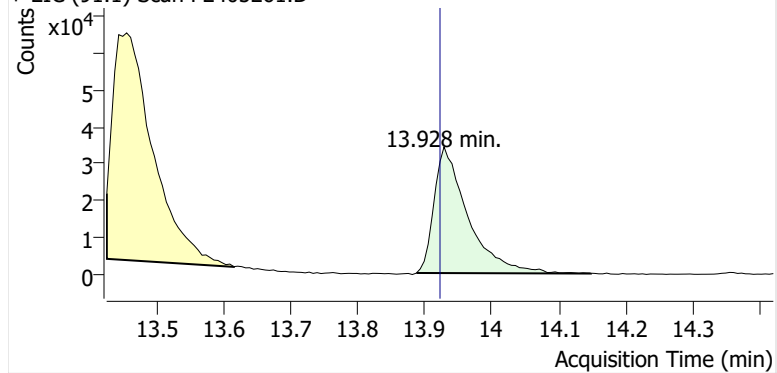


+ Scan (13.388-13.697 min, 53 scans) P2405261.D

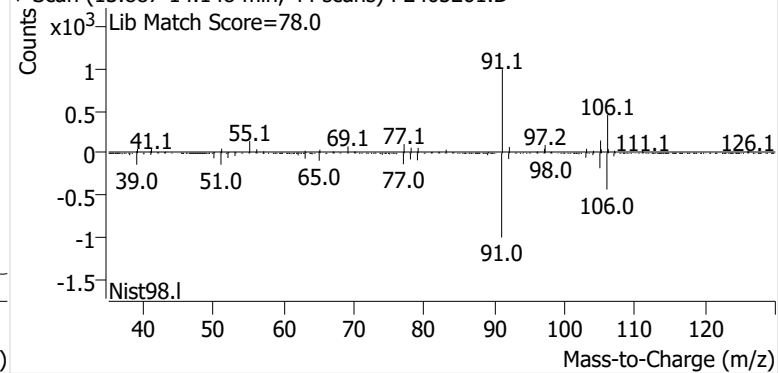


o-Xylene

+ EIC (91.1) Scan P2405261.D

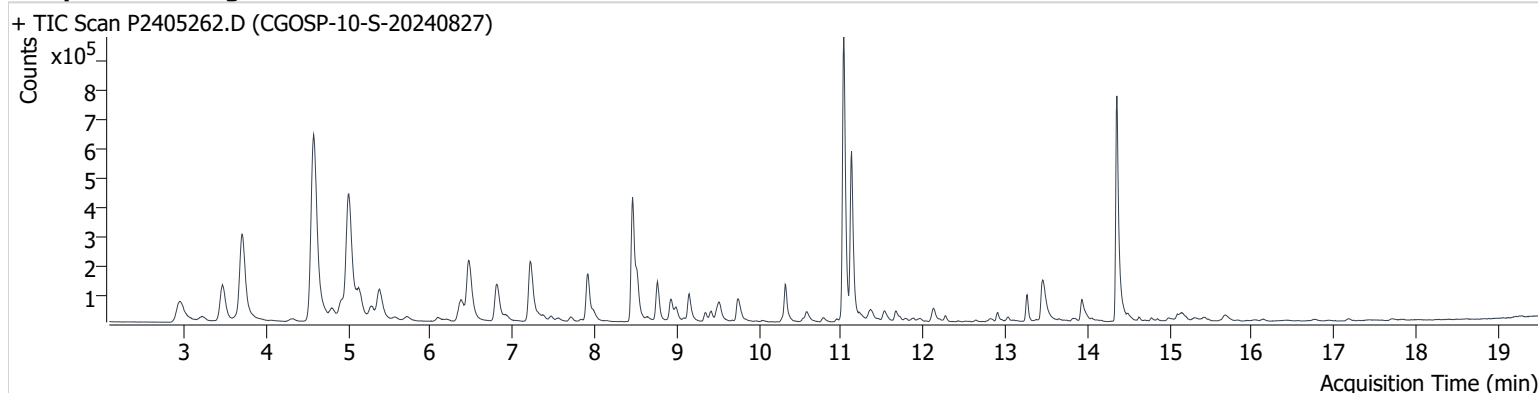


+ Scan (13.887-14.148 min, 44 scans) P2405261.D



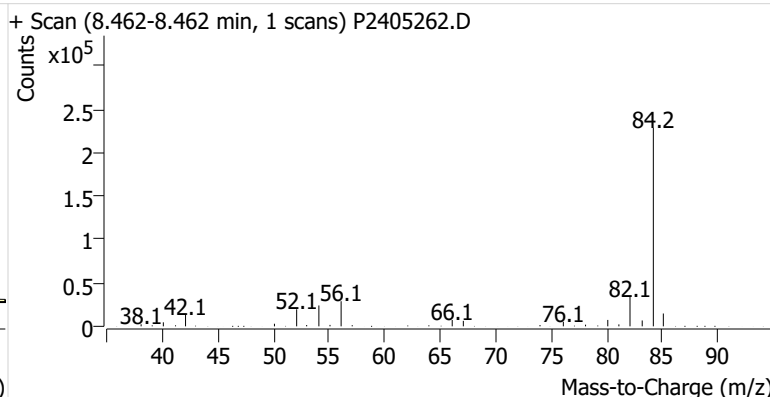
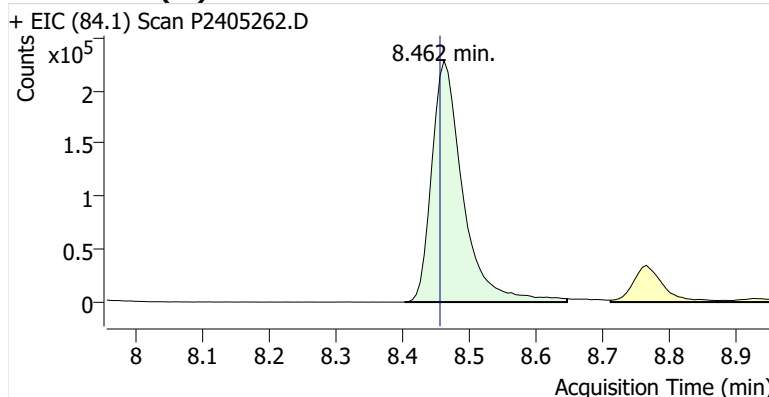
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Comment C01301
Data File P2405262.D
Acq. Date-Time 9/18/2024 3:28:45 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

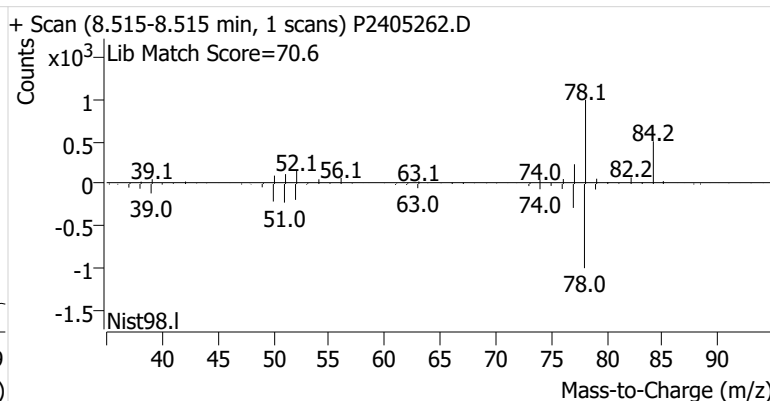
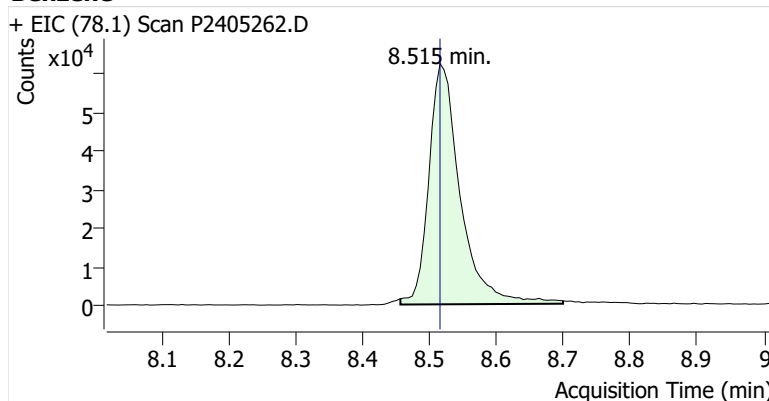


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	737,550	
Benzene	benzene-d6 (IS)	8.515	8.515	204,088	
Toluene-d8 (IS)		11.032	11.032	1,021,241	
Toluene	Toluene-d8 (IS)	11.127	11.121	641,835	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	92,075	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	229,503	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	97,522	

benzene-d6 (IS)

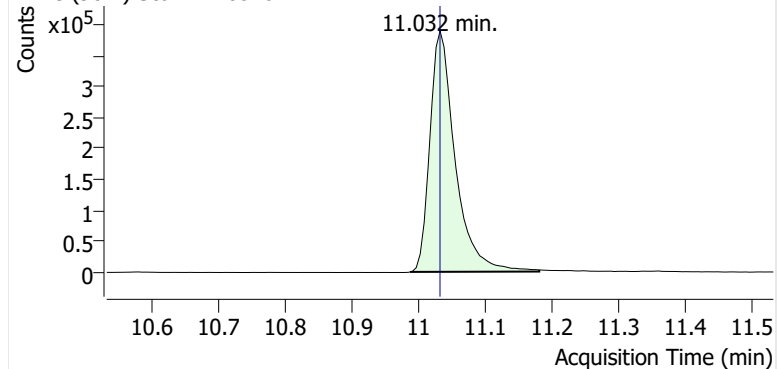


Benzene

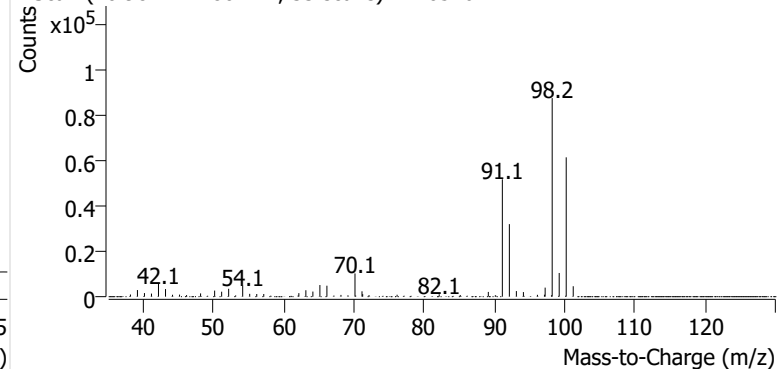


Toluene-d8 (IS)

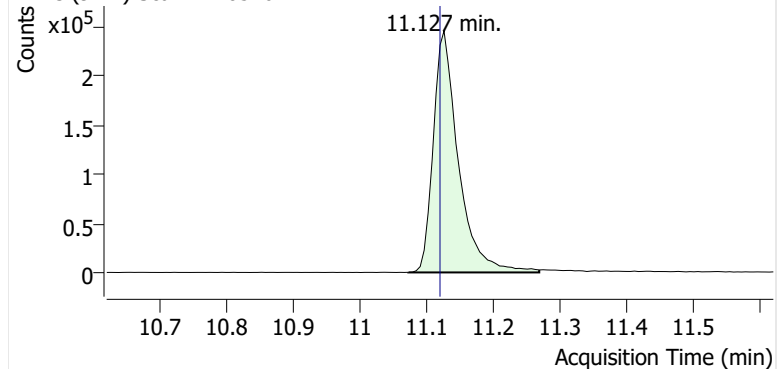
+ EIC (98.1) Scan P2405262.D



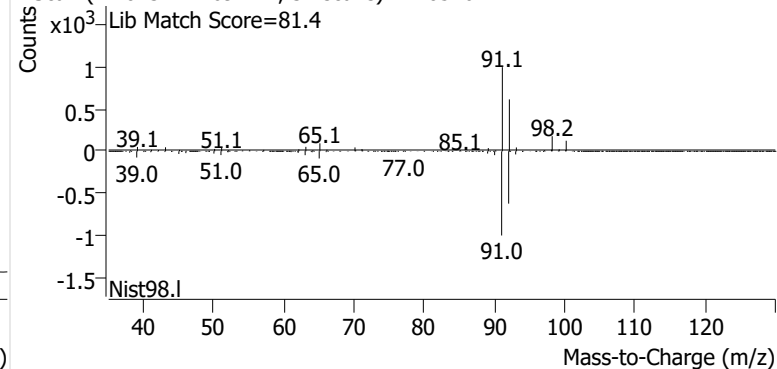
+ Scan (10.987-11.180 min, 33 scans) P2405262.D

**Toluene**

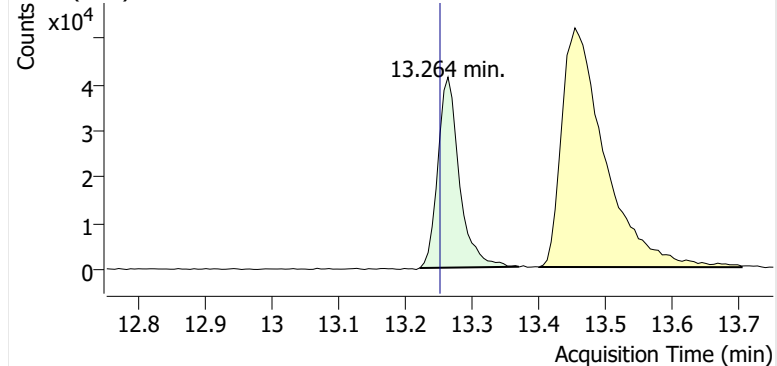
+ EIC (91.1) Scan P2405262.D



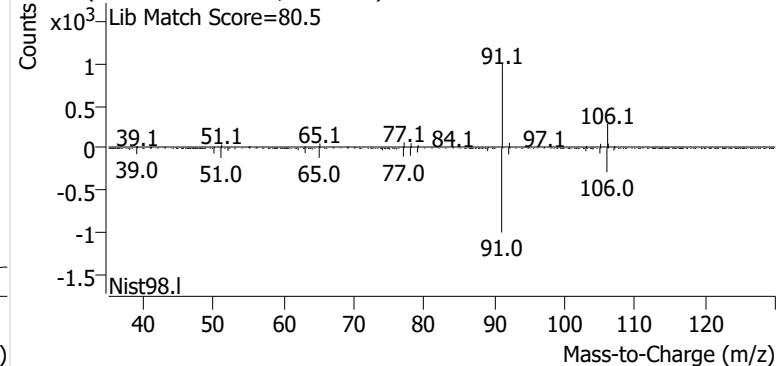
+ Scan (11.073-11.269 min, 34 scans) P2405262.D

**Ethylbenzene**

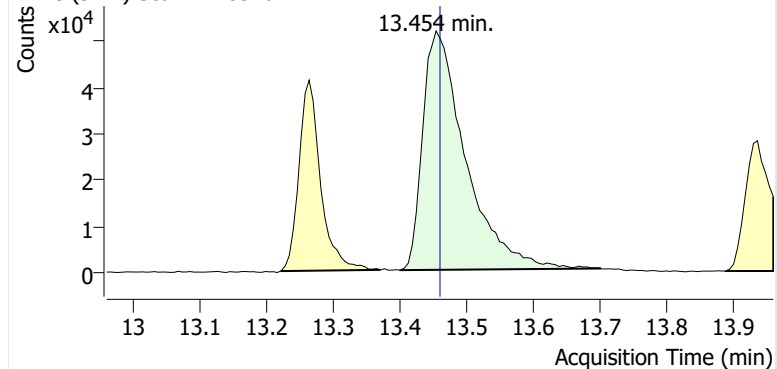
+ EIC (91.1) Scan P2405262.D



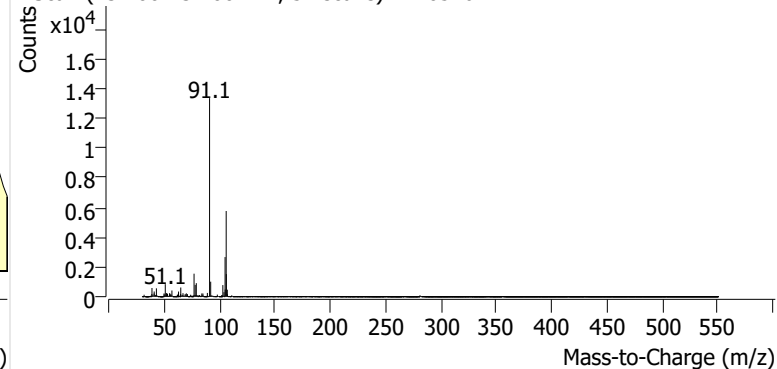
+ Scan (13.221-13.370 min, 25 scans) P2405262.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405262.D

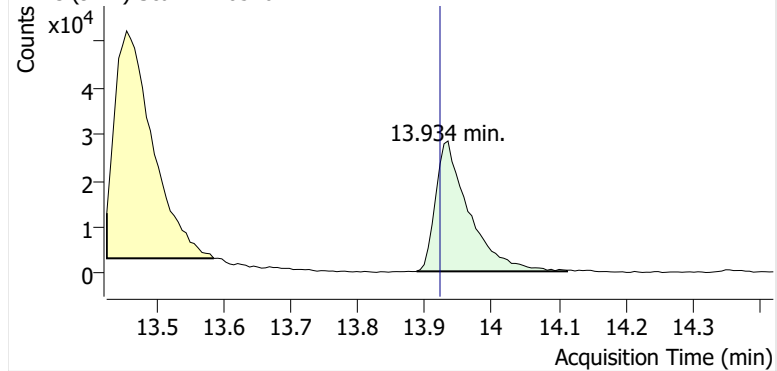


+ Scan (13.400-13.700 min, 51 scans) P2405262.D

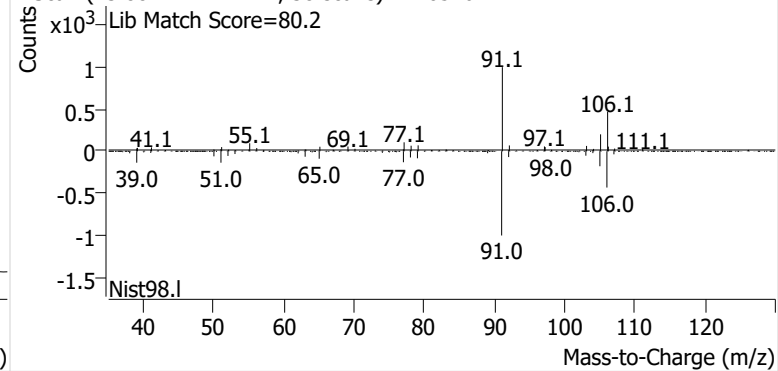


o-Xylene

+ EIC (91.1) Scan P2405262.D

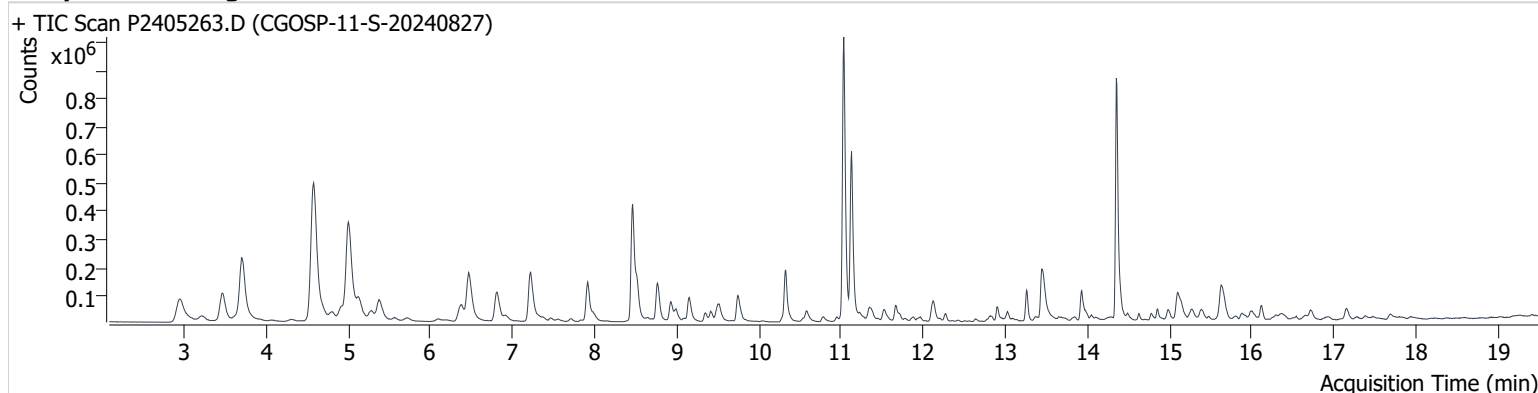


+ Scan (13.887-14.112 min, 38 scans) P2405262.D



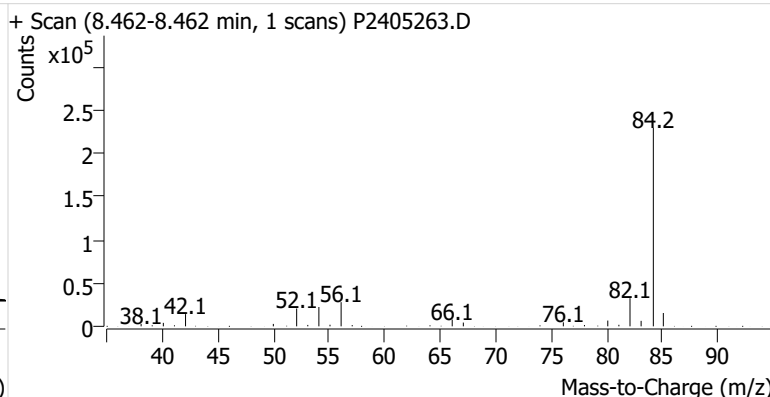
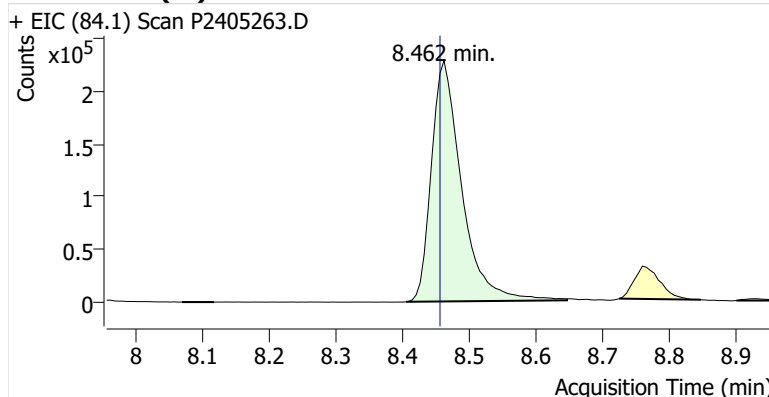
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Comment C32840
Data File P2405263.D
Acq. Date-Time 9/18/2024 4:06:00 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

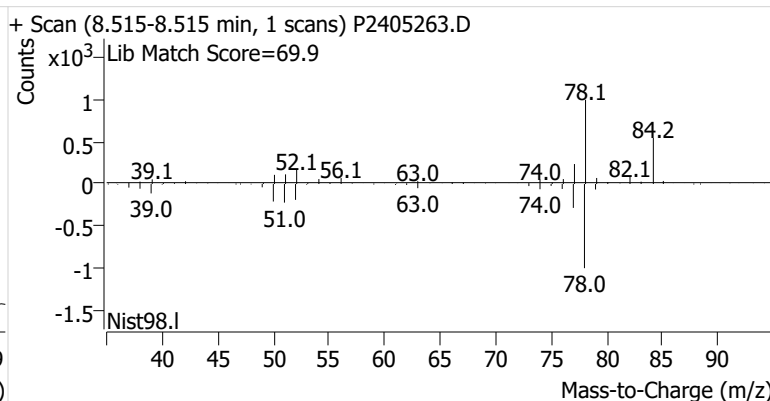
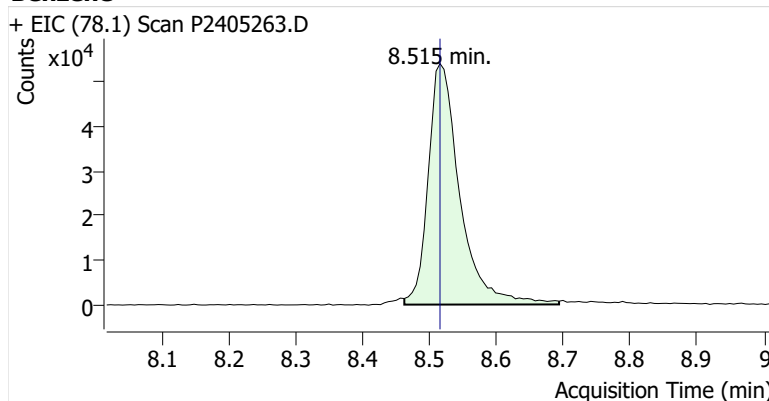


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	717,637	
Benzene	benzene-d6 (IS)	8.515	8.515	177,279	
Toluene-d8 (IS)		11.032	11.032	1,034,388	
Toluene	Toluene-d8 (IS)	11.127	11.121	643,764	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	106,647	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	272,239	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	119,159	

benzene-d6 (IS)

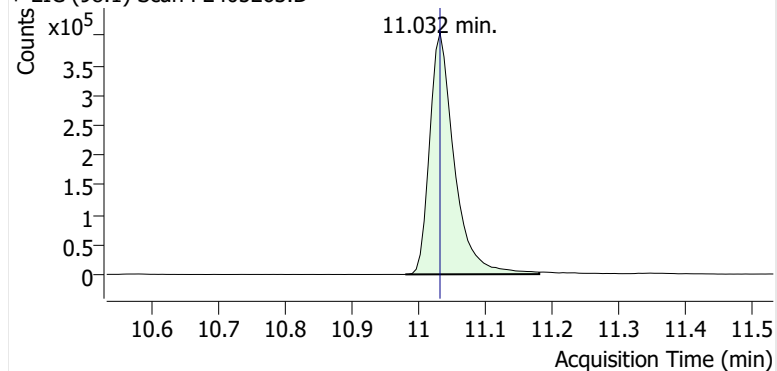


Benzene

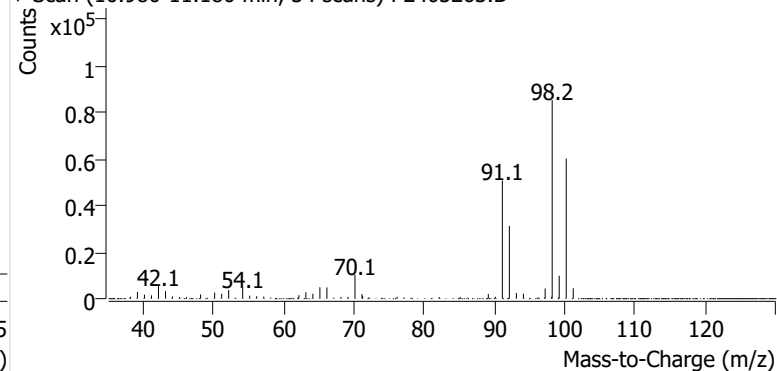


Toluene-d8 (IS)

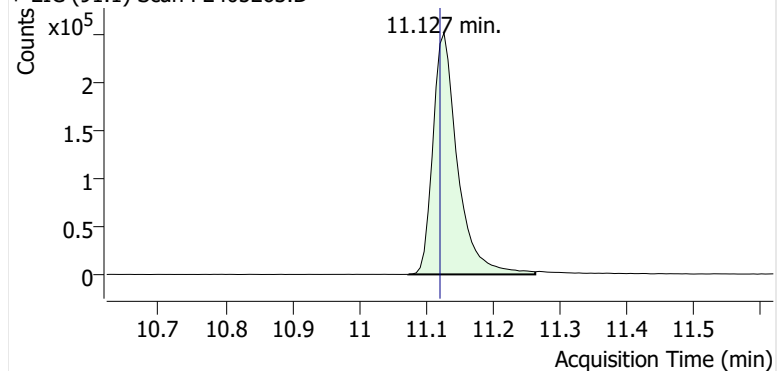
+ EIC (98.1) Scan P2405263.D



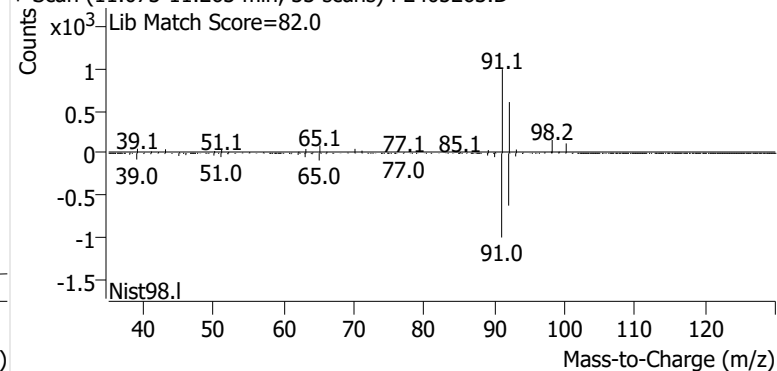
+ Scan (10.980-11.180 min, 34 scans) P2405263.D

**Toluene**

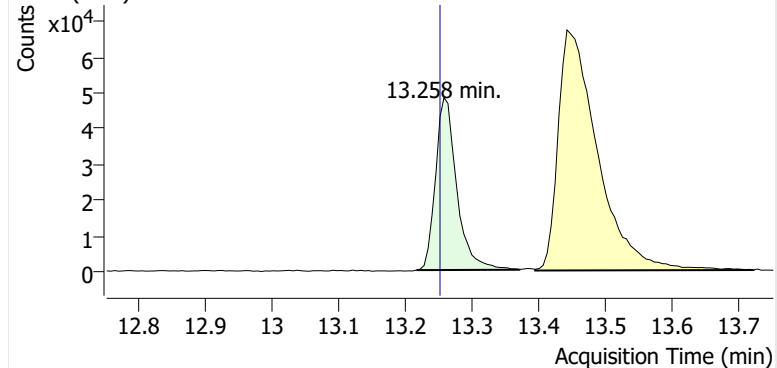
+ EIC (91.1) Scan P2405263.D



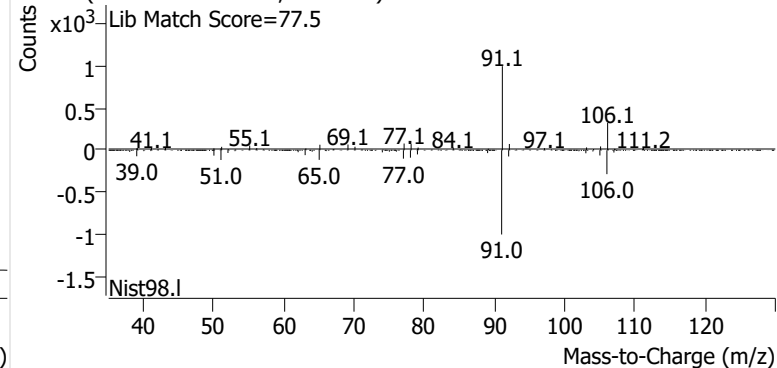
+ Scan (11.073-11.263 min, 33 scans) P2405263.D

**Ethylbenzene**

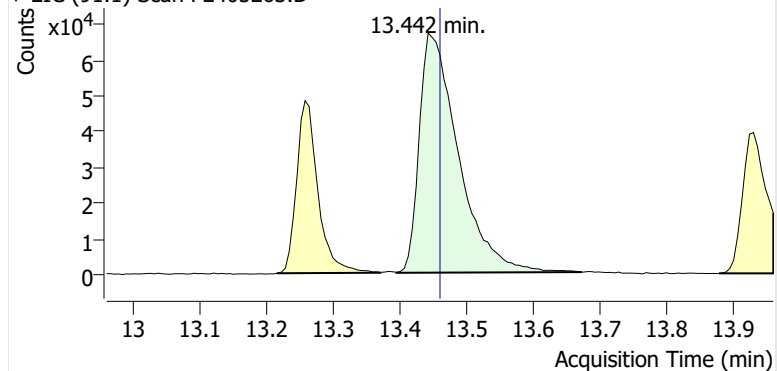
+ EIC (91.1) Scan P2405263.D



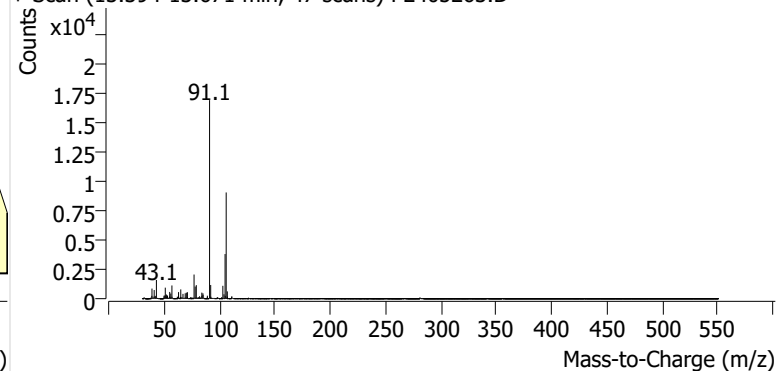
+ Scan (13.216-13.370 min, 26 scans) P2405263.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405263.D

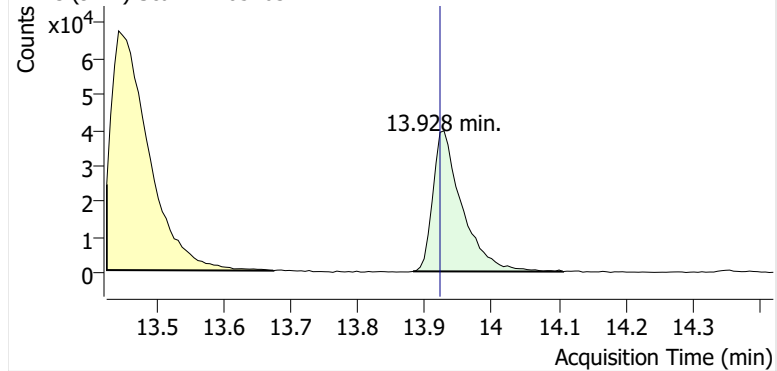


+ Scan (13.394-13.671 min, 47 scans) P2405263.D

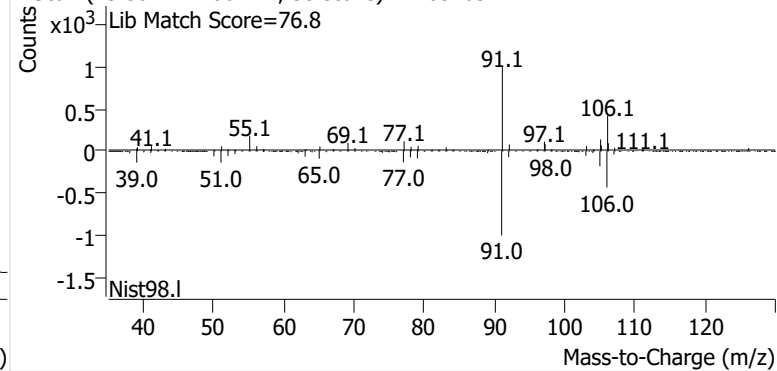


o-Xylene

+ EIC (91.1) Scan P2405263.D

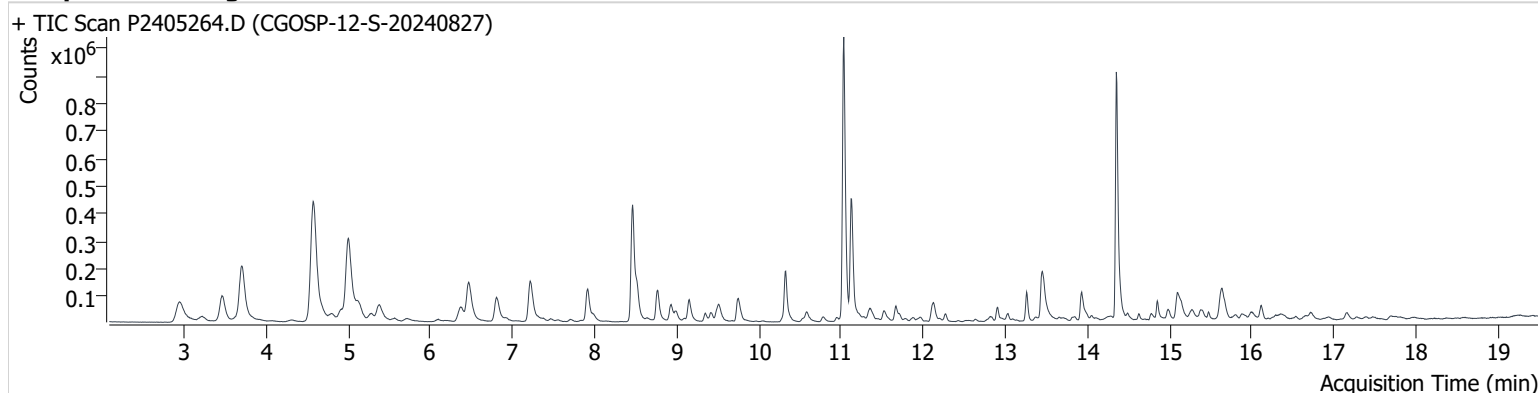


+ Scan (13.882-14.106 min, 38 scans) P2405263.D



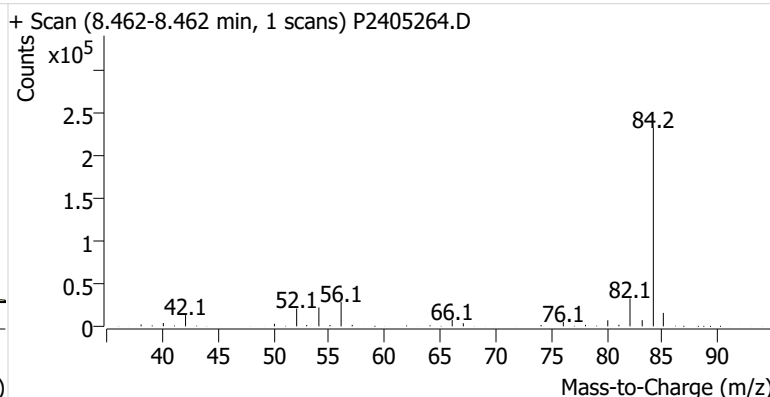
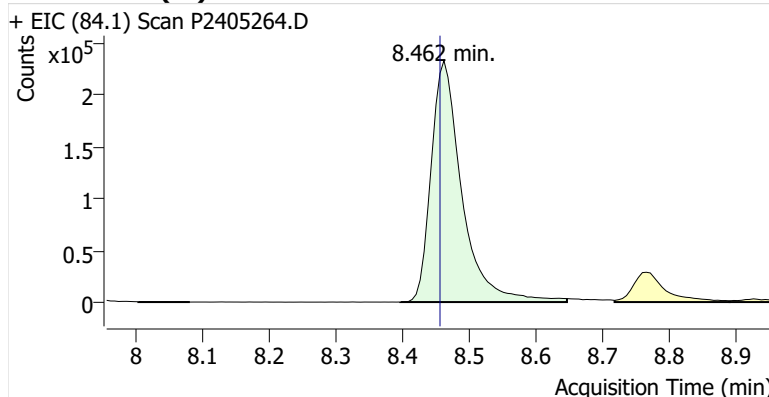
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Comment C24115
Data File P2405264.D
Acq. Date-Time 9/18/2024 4:43:52 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

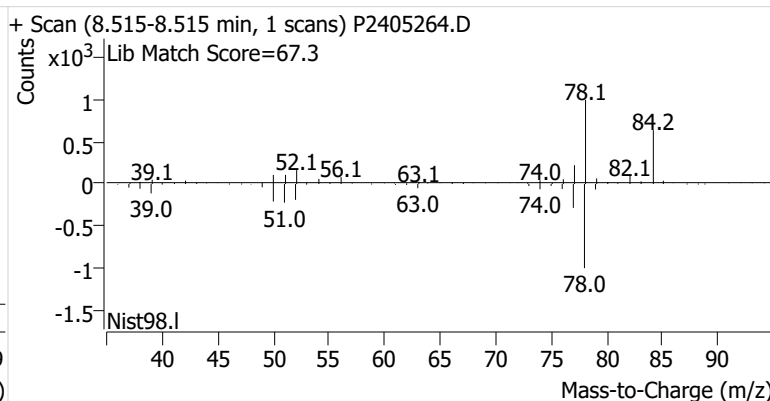
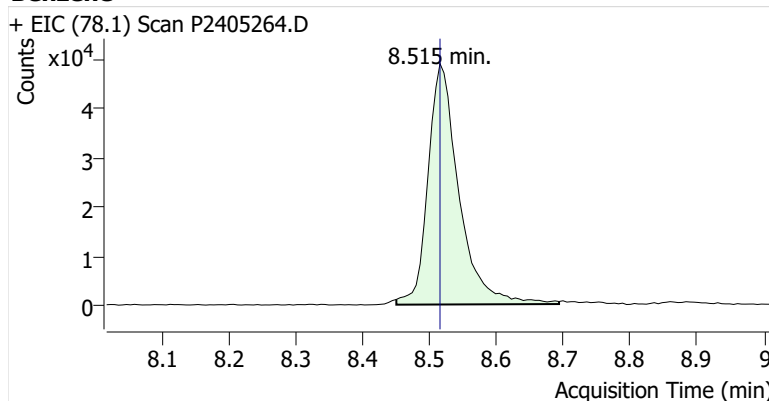


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	746,651	
Benzene	benzene-d6 (IS)	8.515	8.515	157,637	
Toluene-d8 (IS)		11.032	11.032	1,044,298	
Toluene	Toluene-d8 (IS)	11.121	11.121	482,726	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	101,729	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	264,474	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	116,962	

benzene-d6 (IS)

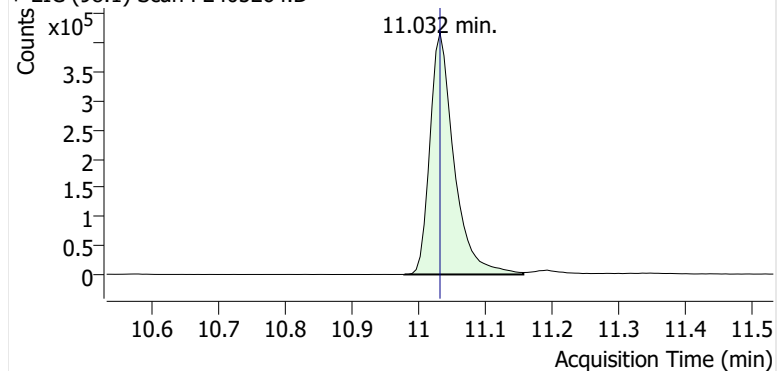


Benzene

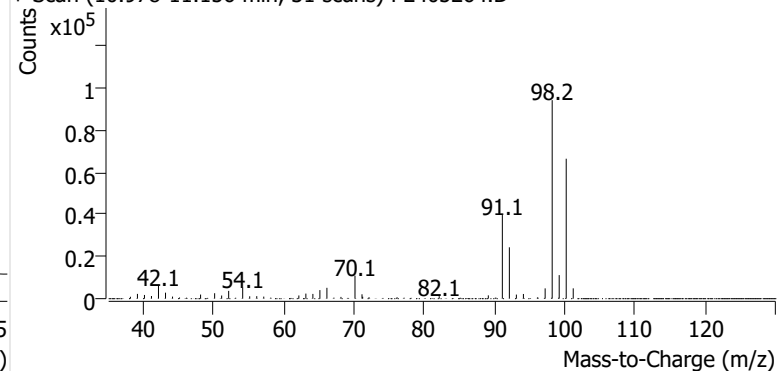


Toluene-d8 (IS)

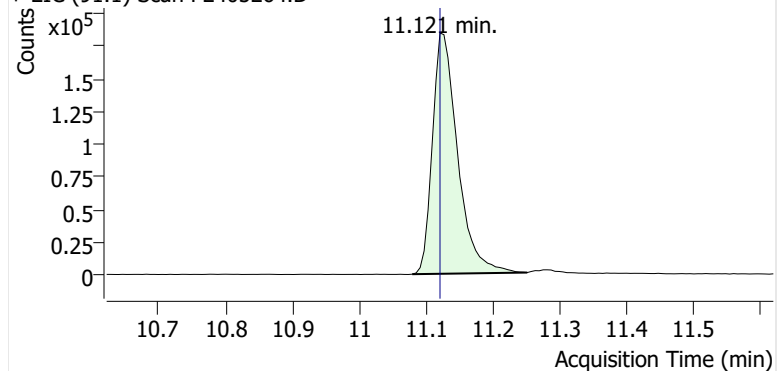
+ EIC (98.1) Scan P2405264.D



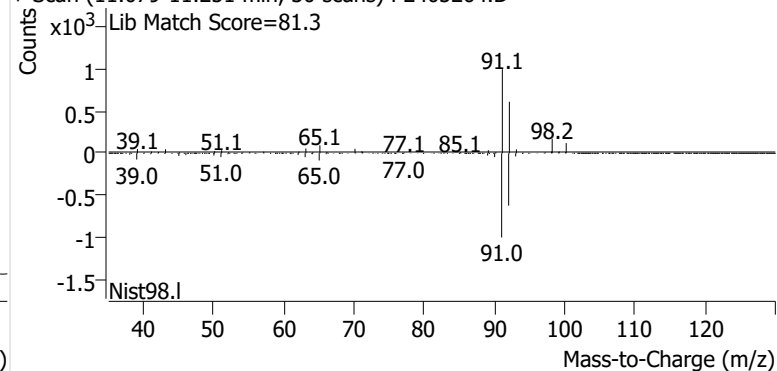
+ Scan (10.978-11.156 min, 31 scans) P2405264.D

**Toluene**

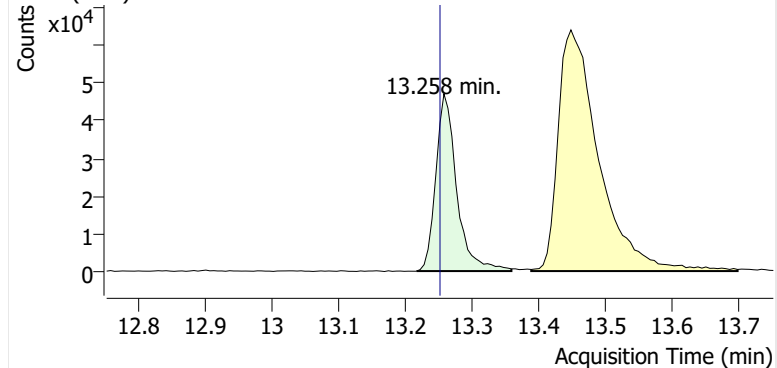
+ EIC (91.1) Scan P2405264.D



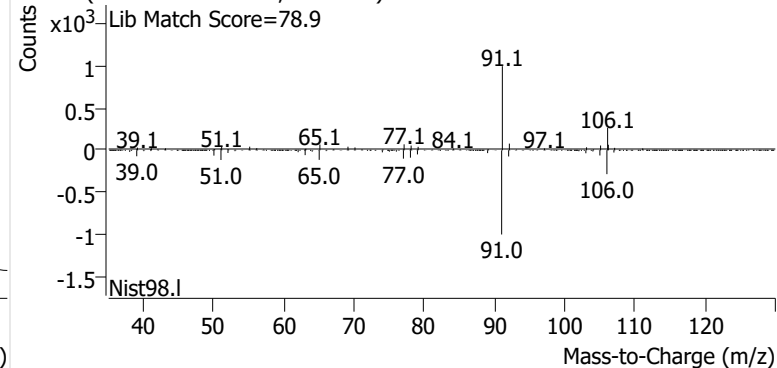
+ Scan (11.079-11.251 min, 30 scans) P2405264.D

**Ethylbenzene**

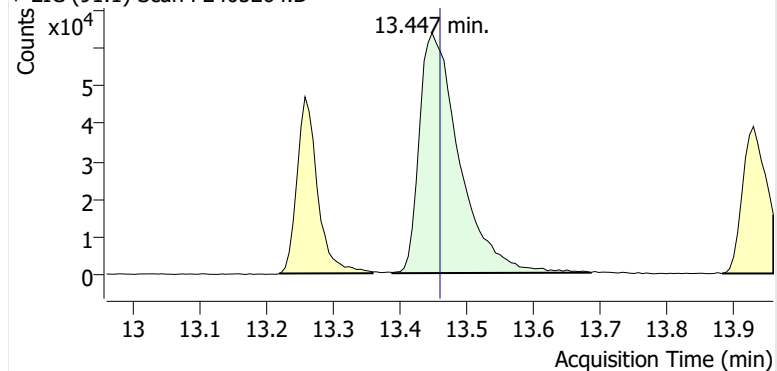
+ EIC (91.1) Scan P2405264.D



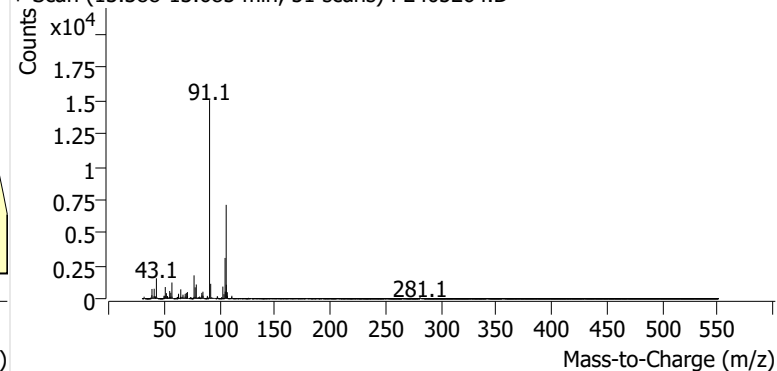
+ Scan (13.217-13.358 min, 24 scans) P2405264.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405264.D

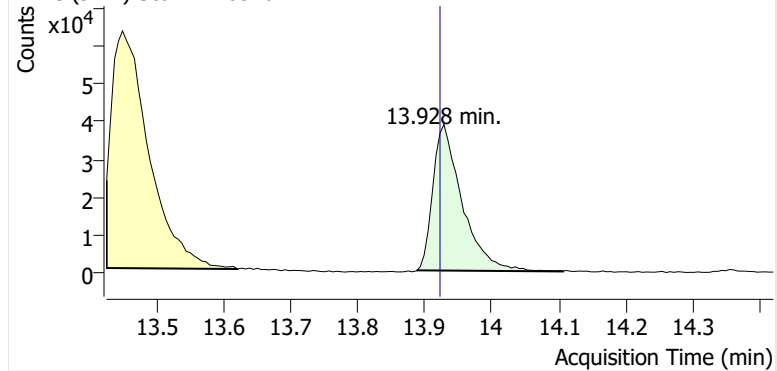


+ Scan (13.388-13.685 min, 51 scans) P2405264.D

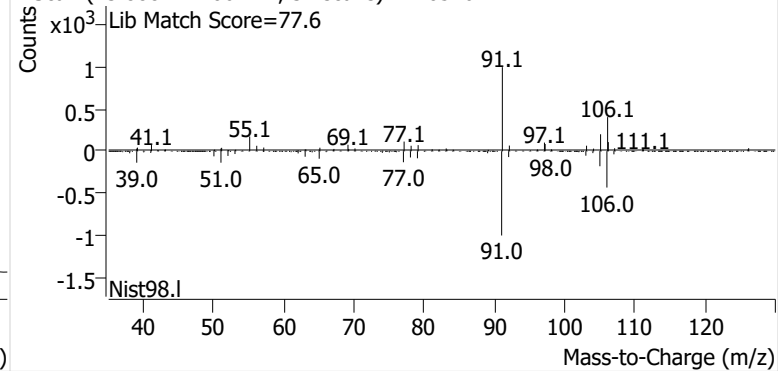


o-Xylene

+ EIC (91.1) Scan P2405264.D

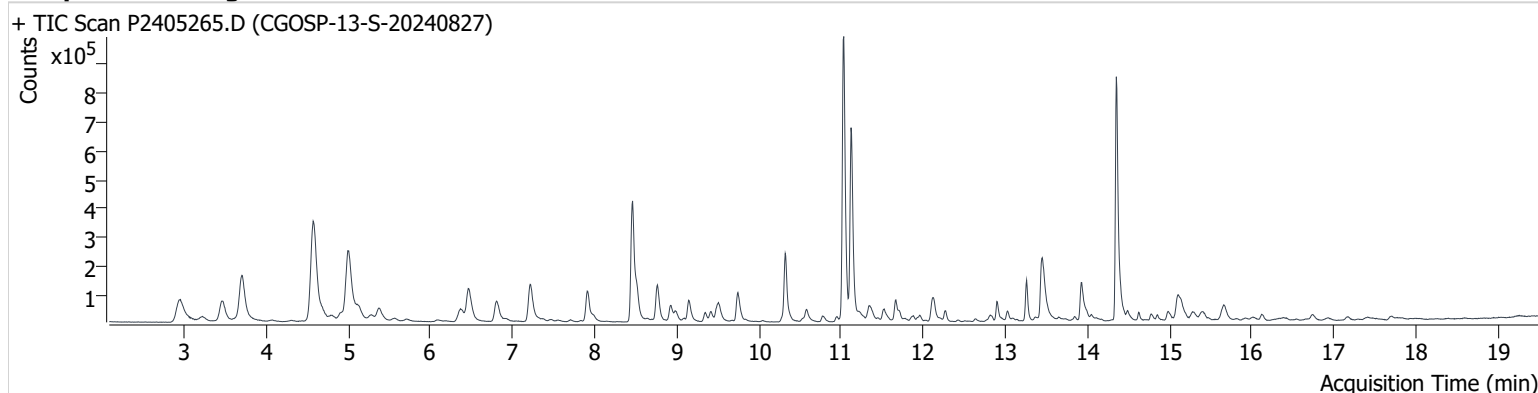


+ Scan (13.888-14.106 min, 37 scans) P2405264.D



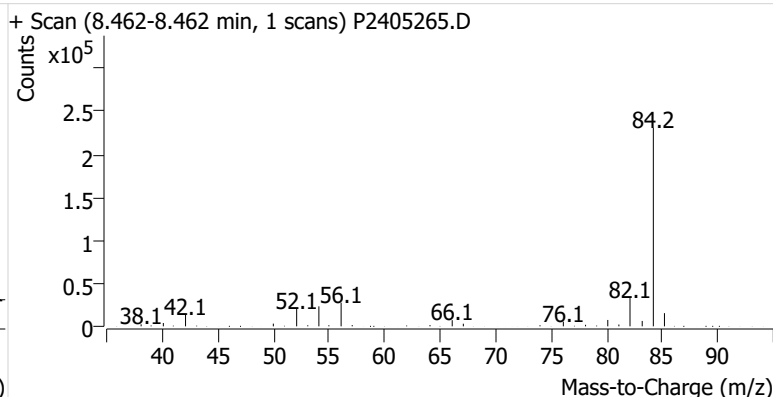
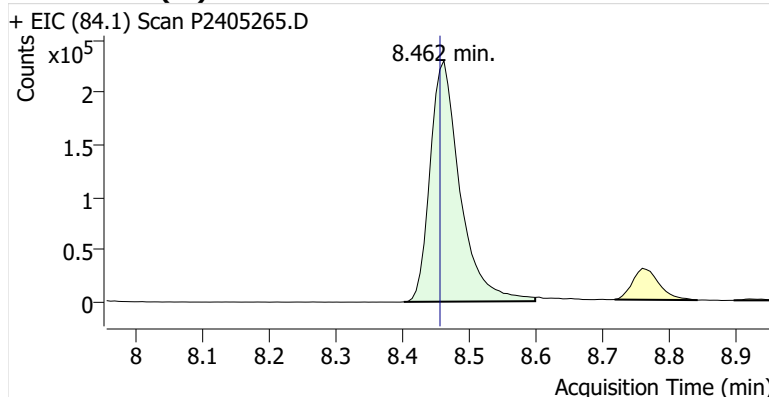
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Comment B20669
Data File P2405265.D
Acq. Date-Time 9/18/2024 5:21:46 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

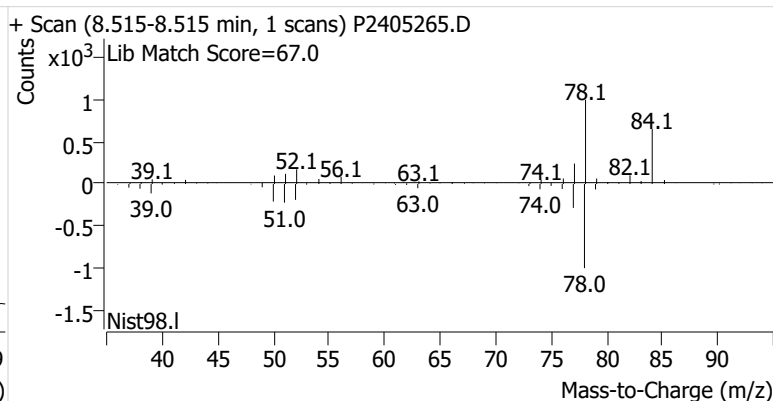
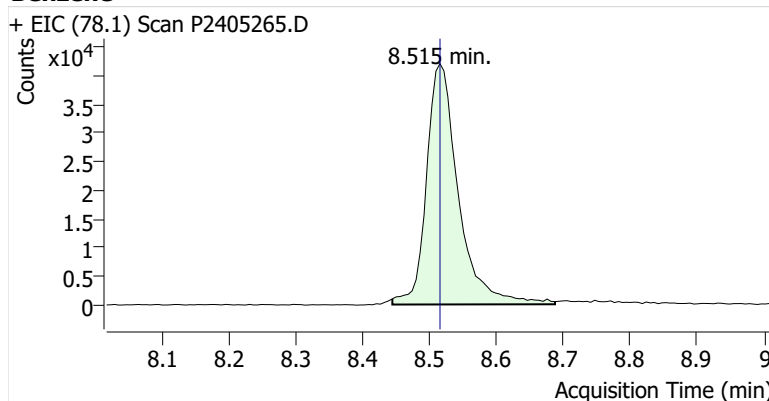


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	715,552	
Benzene	benzene-d6 (IS)	8.515	8.515	139,176	
Toluene-d8 (IS)		11.032	11.032	1,031,764	
Toluene	Toluene-d8 (IS)	11.121	11.121	731,109	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	137,816	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	329,178	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	162,440	

benzene-d6 (IS)

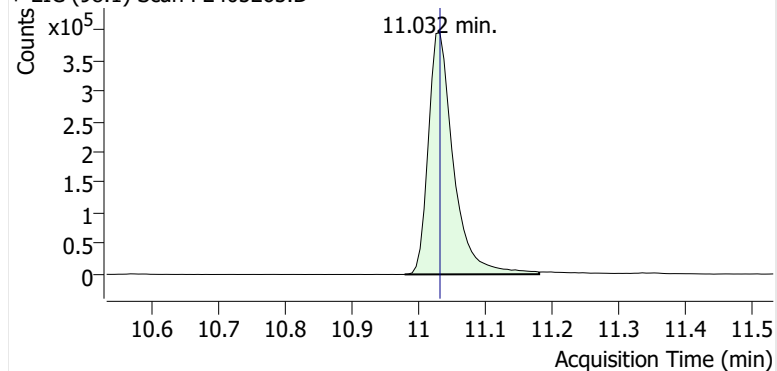


Benzene

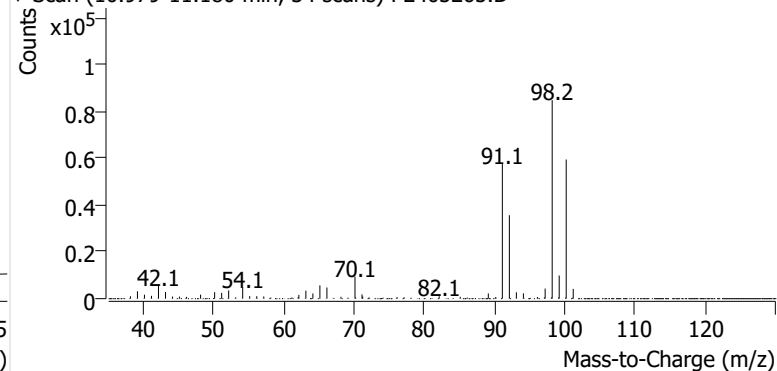


Toluene-d8 (IS)

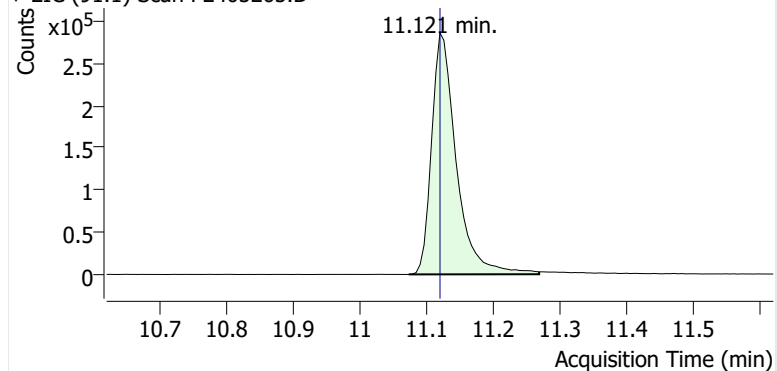
+ EIC (98.1) Scan P2405265.D



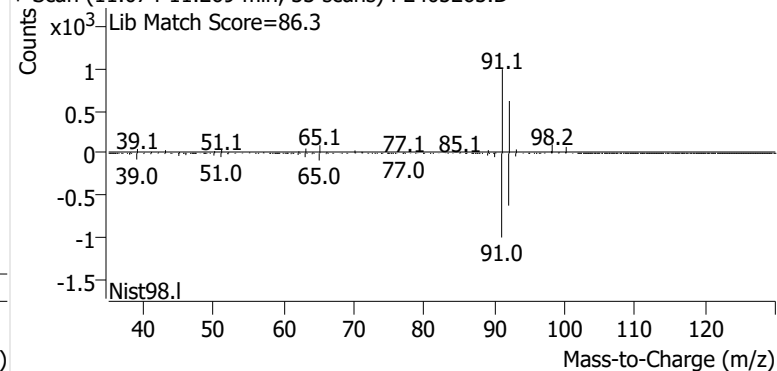
+ Scan (10.979-11.180 min, 34 scans) P2405265.D

**Toluene**

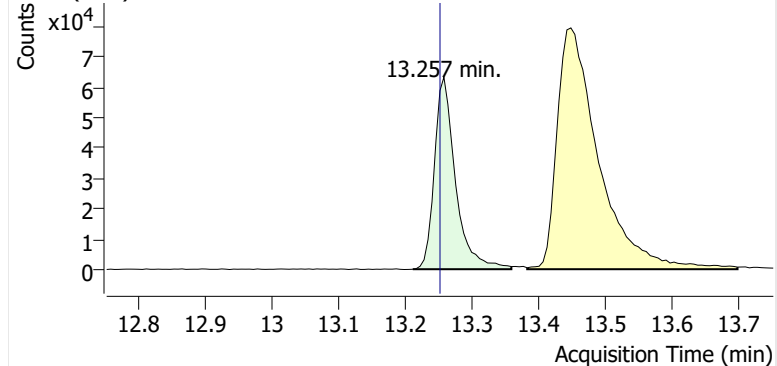
+ EIC (91.1) Scan P2405265.D



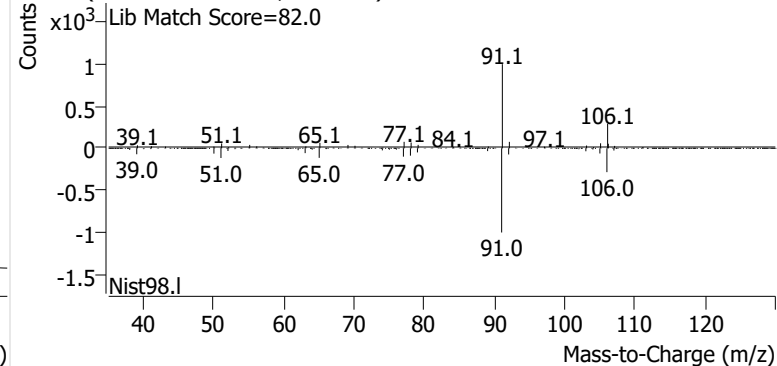
+ Scan (11.074-11.269 min, 33 scans) P2405265.D

**Ethylbenzene**

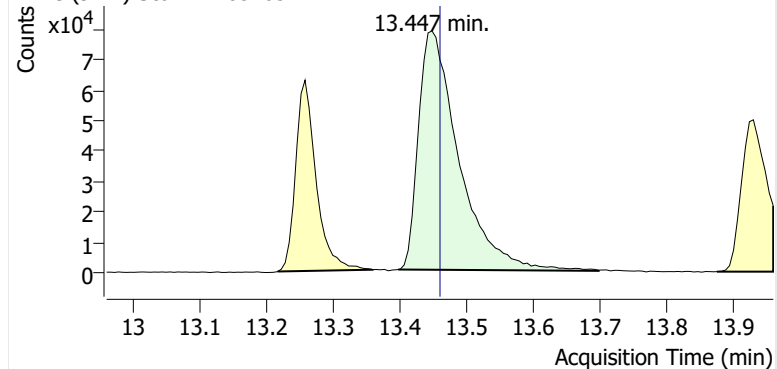
+ EIC (91.1) Scan P2405265.D



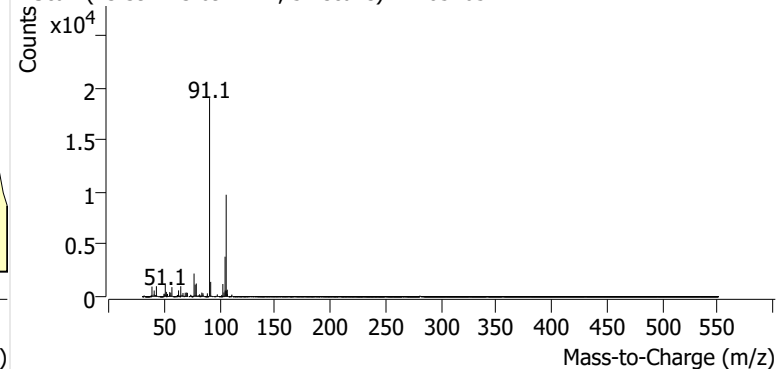
+ Scan (13.211-13.358 min, 25 scans) P2405265.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405265.D

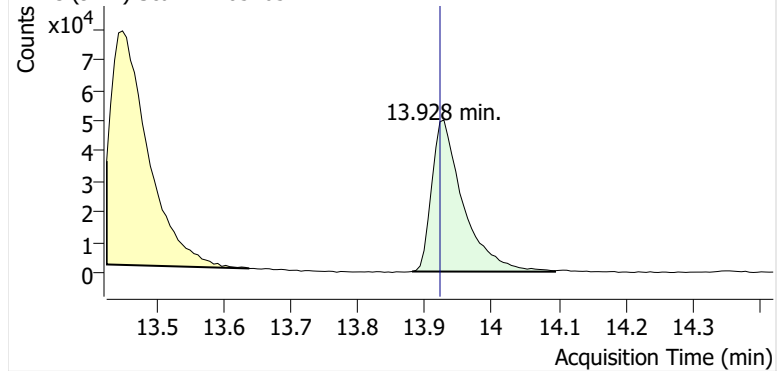


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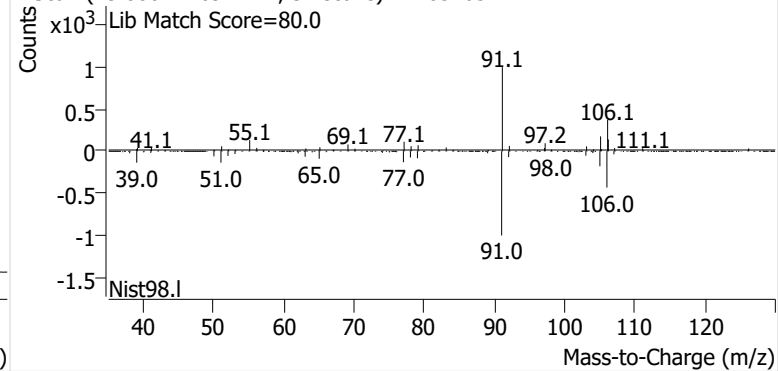


o-Xylene

+ EIC (91.1) Scan P2405265.D

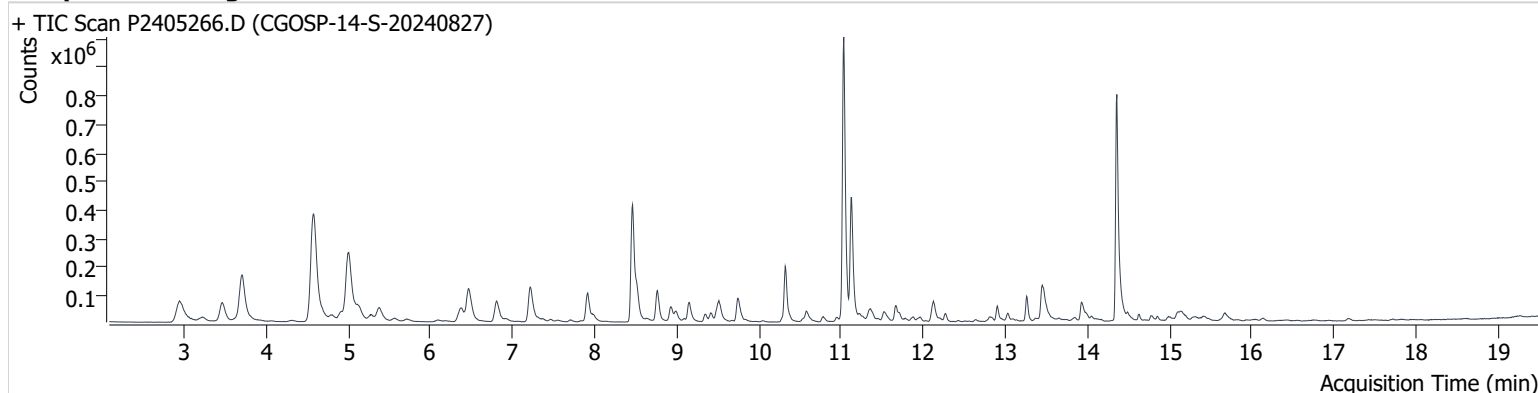


+ Scan (13.880-14.094 min, 37 scans) P2405265.D



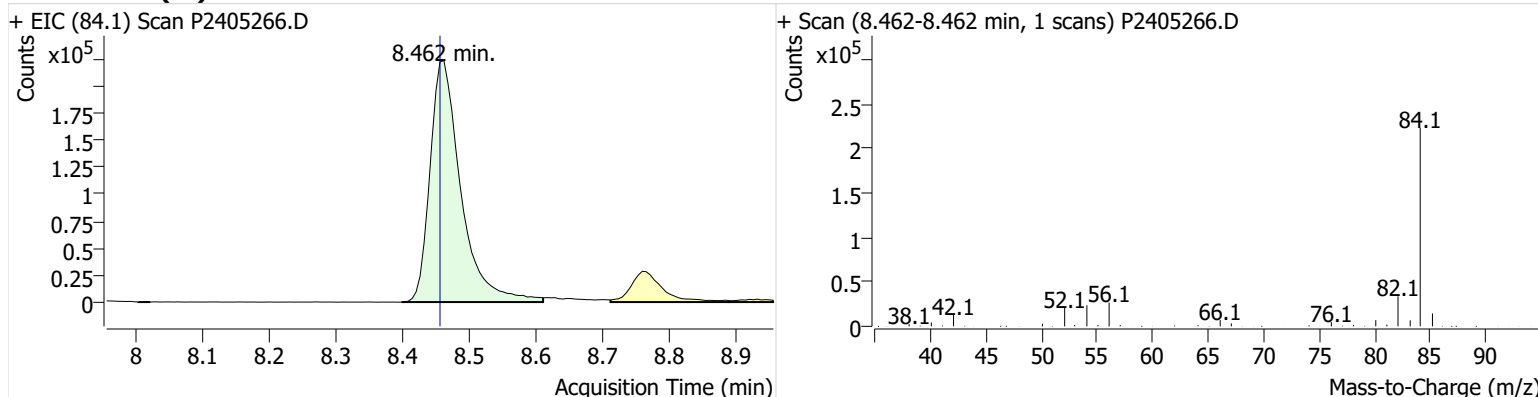
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Comment C24240
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Acq. Date-Time 9/18/2024 5:59:37 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

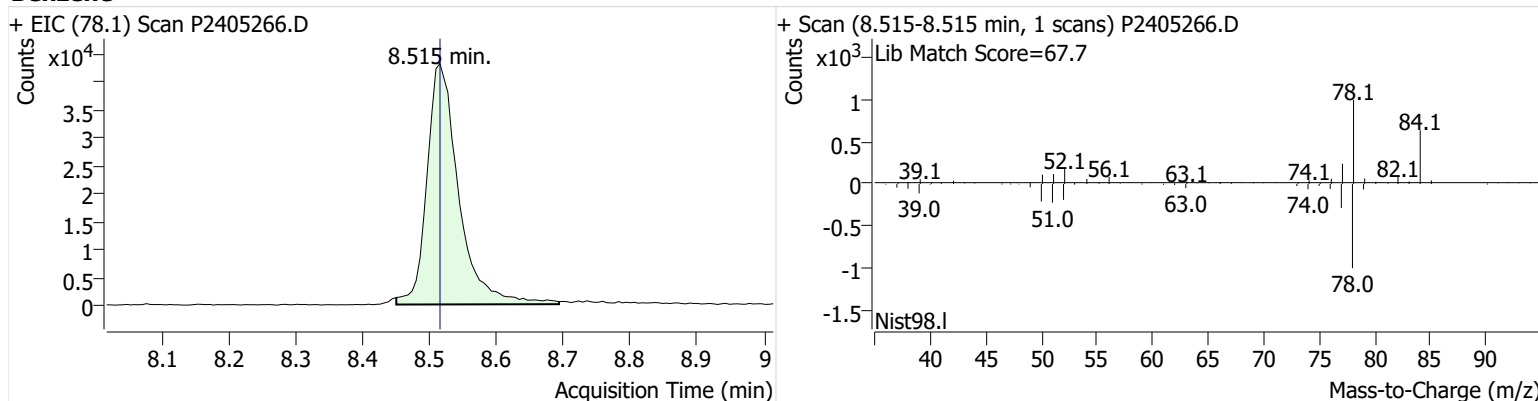


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	716,544	
Benzene	benzene-d6 (IS)	8.515	8.515	142,547	
Toluene-d8 (IS)		11.032	11.032	1,028,347	
Toluene	Toluene-d8 (IS)	11.121	11.121	468,363	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	89,009	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	203,748	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	84,747	

benzene-d6 (IS)

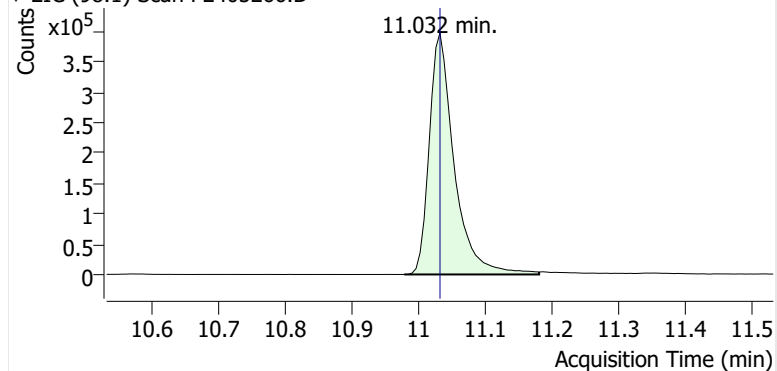


Benzene

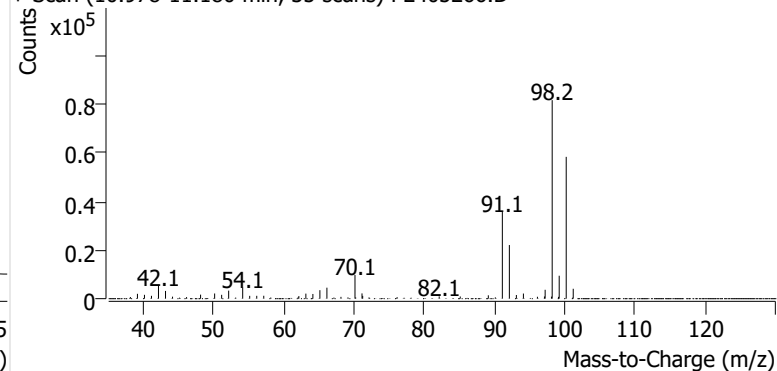


Toluene-d8 (IS)

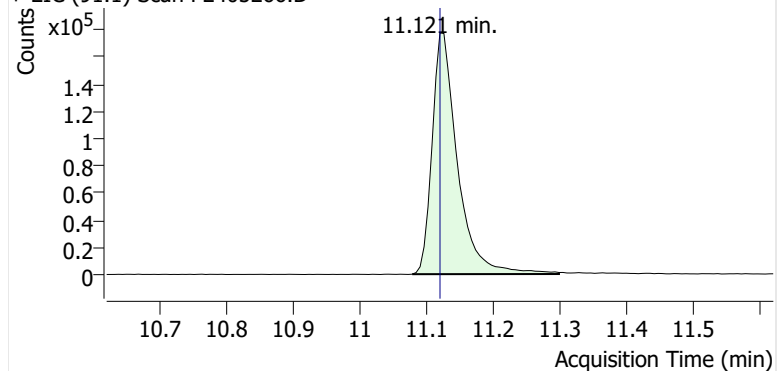
+ EIC (98.1) Scan P2405266.D



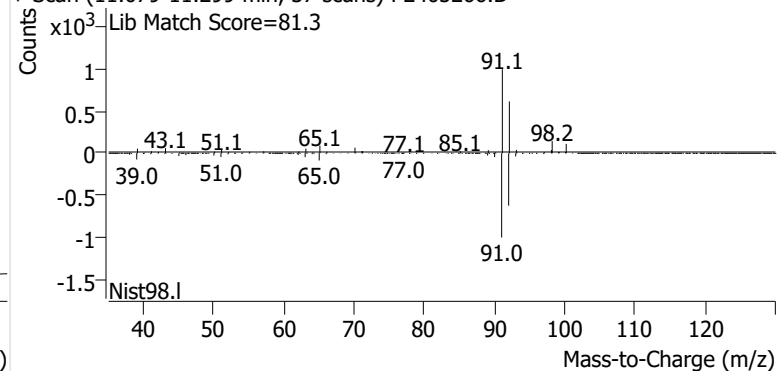
+ Scan (10.978-11.180 min, 35 scans) P2405266.D

**Toluene**

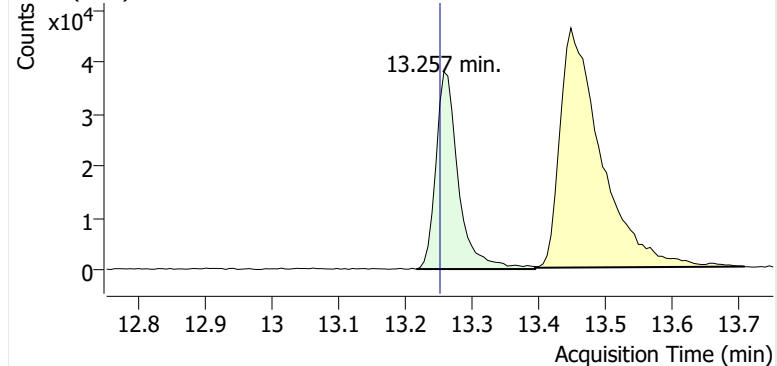
+ EIC (91.1) Scan P2405266.D



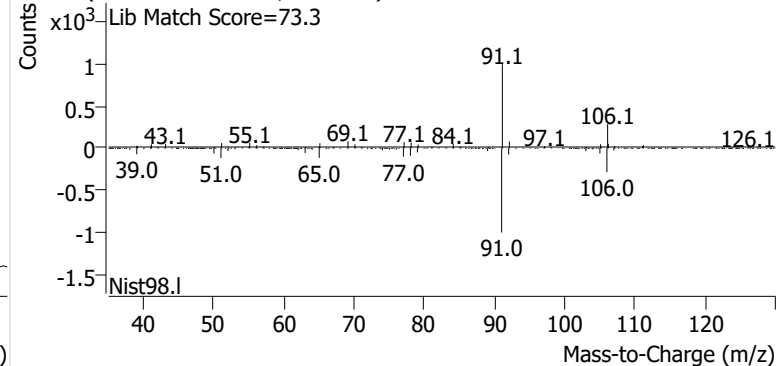
+ Scan (11.079-11.299 min, 37 scans) P2405266.D

**Ethylbenzene**

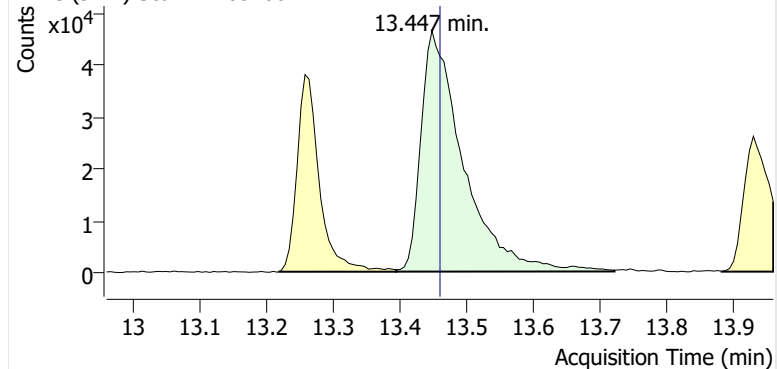
+ EIC (91.1) Scan P2405266.D



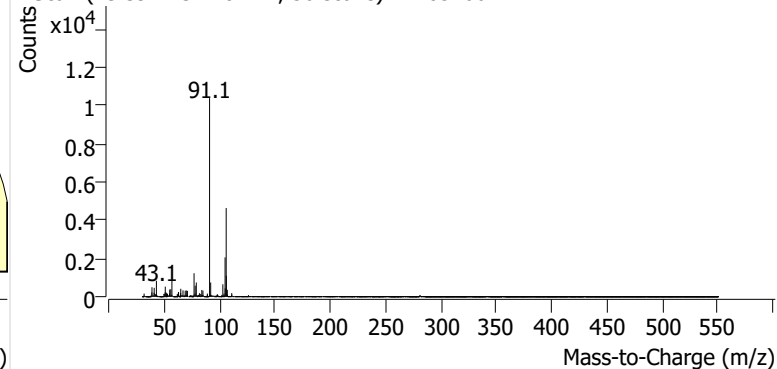
+ Scan (13.216-13.394 min, 30 scans) P2405266.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405266.D

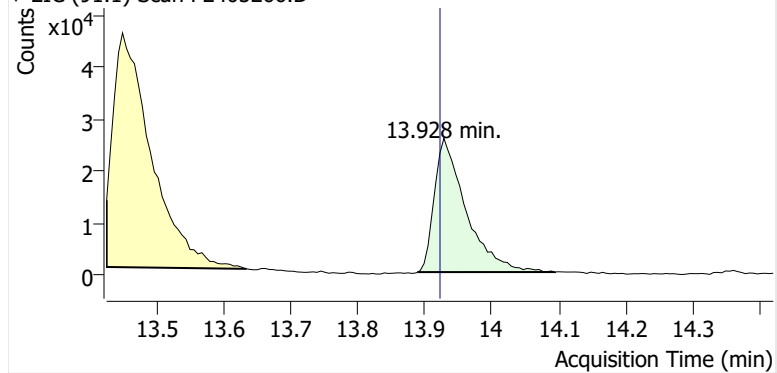


+ Scan (13.394-13.720 min, 56 scans) P2405266.D

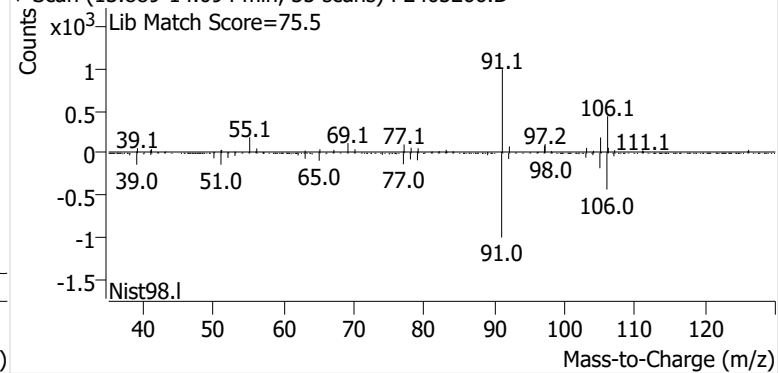


o-Xylene

+ EIC (91.1) Scan P2405266.D

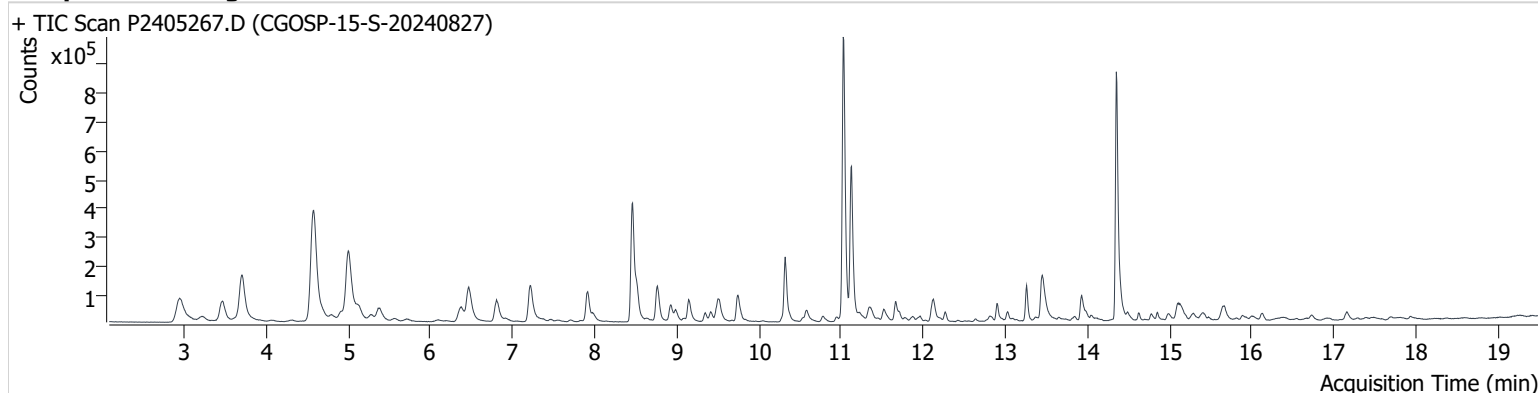


+ Scan (13.889-14.094 min, 35 scans) P2405266.D



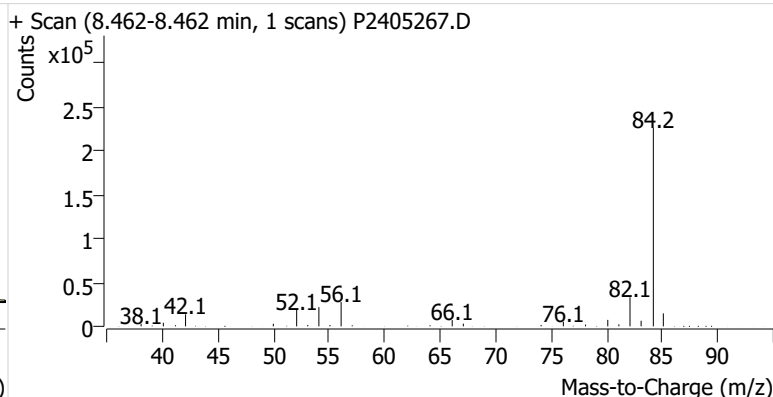
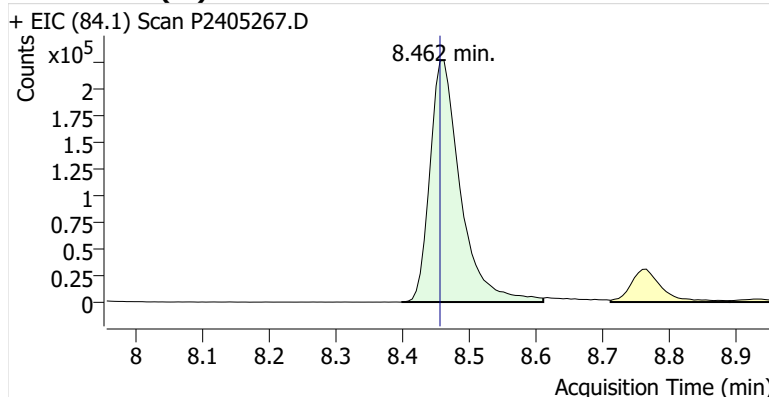
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Comment C37497
Data File P2405267.D
Acq. Date-Time 9/18/2024 6:36:54 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

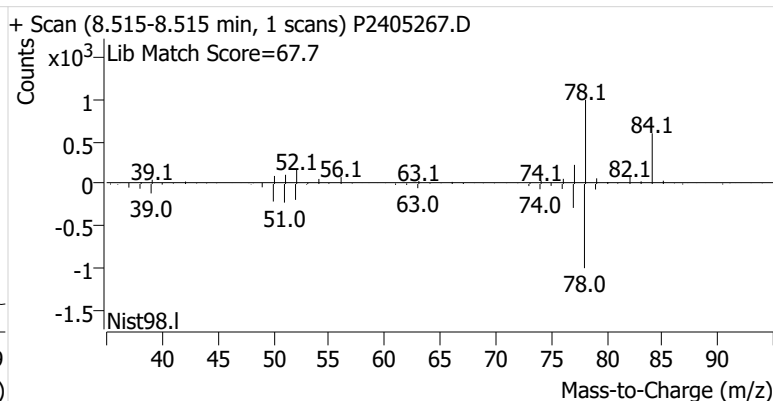
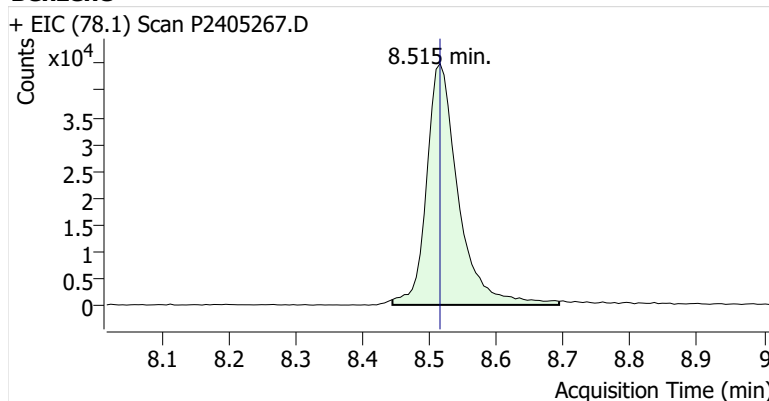


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	717,252	
Benzene	benzene-d6 (IS)	8.515	8.515	147,957	
Toluene-d8 (IS)		11.026	11.032	1,029,036	
Toluene	Toluene-d8 (IS)	11.121	11.121	578,956	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	120,192	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	236,122	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	108,391	

benzene-d6 (IS)

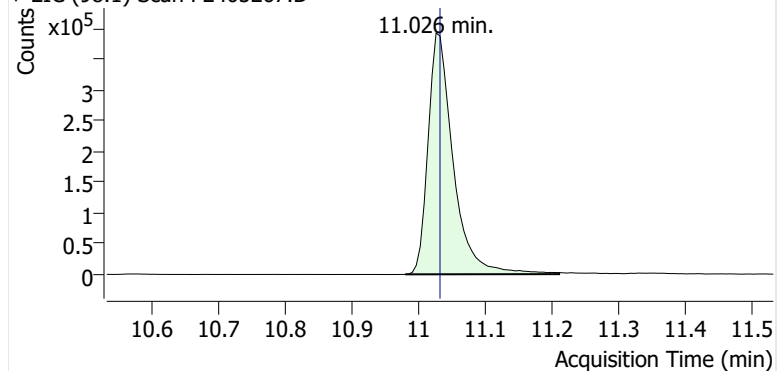


Benzene

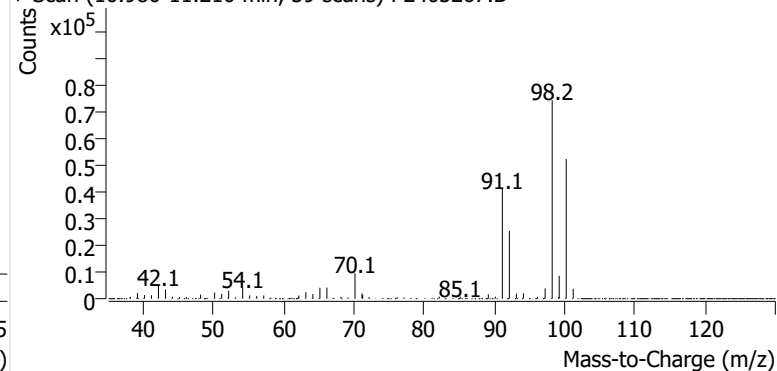


Toluene-d8 (IS)

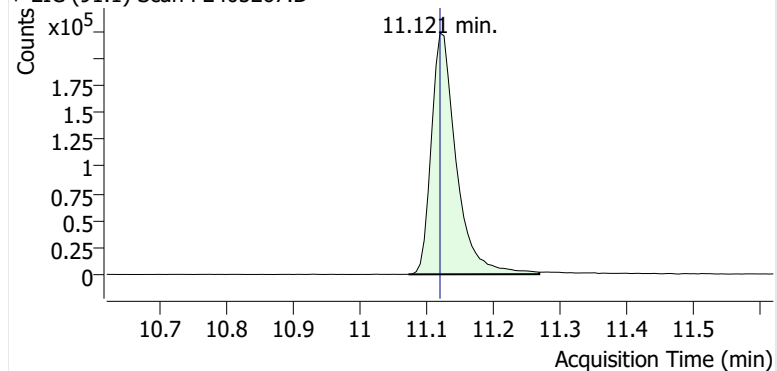
+ EIC (98.1) Scan P2405267.D



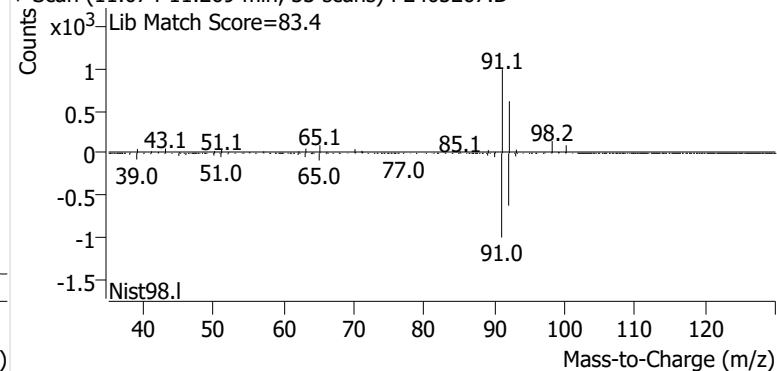
+ Scan (10.980-11.210 min, 39 scans) P2405267.D

**Toluene**

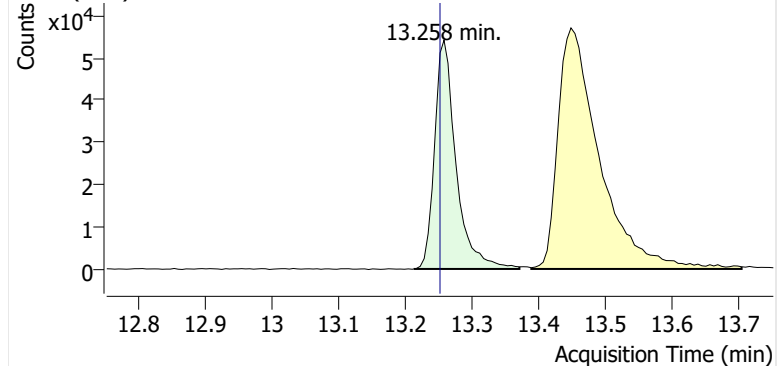
+ EIC (91.1) Scan P2405267.D



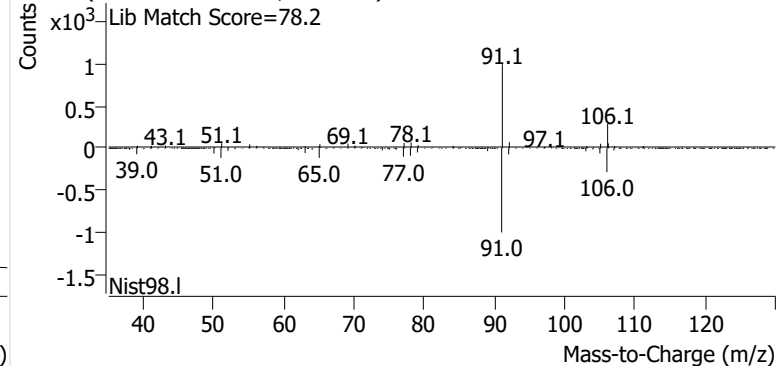
+ Scan (11.074-11.269 min, 33 scans) P2405267.D

**Ethylbenzene**

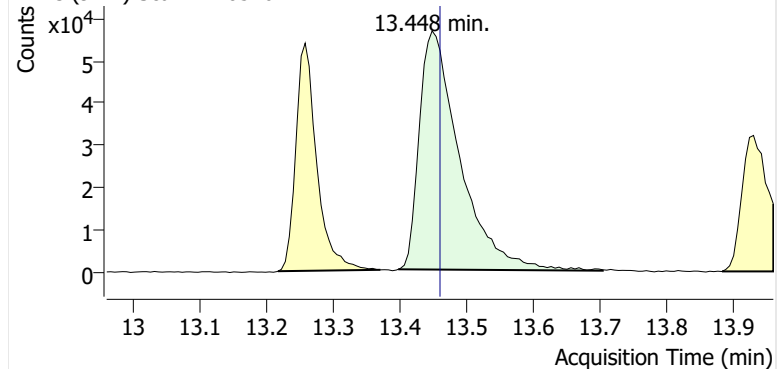
+ EIC (91.1) Scan P2405267.D



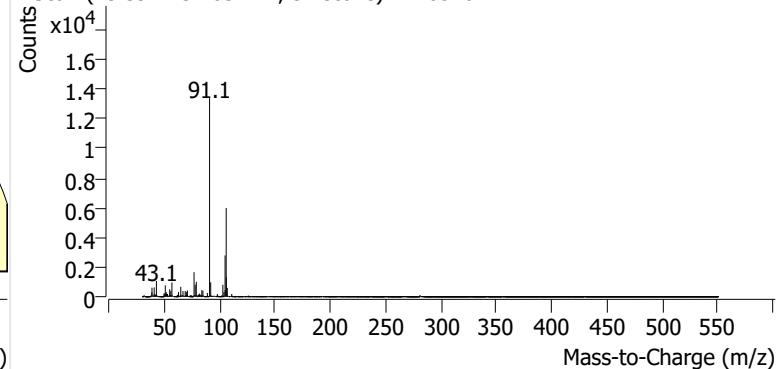
+ Scan (13.212-13.370 min, 27 scans) P2405267.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405267.D

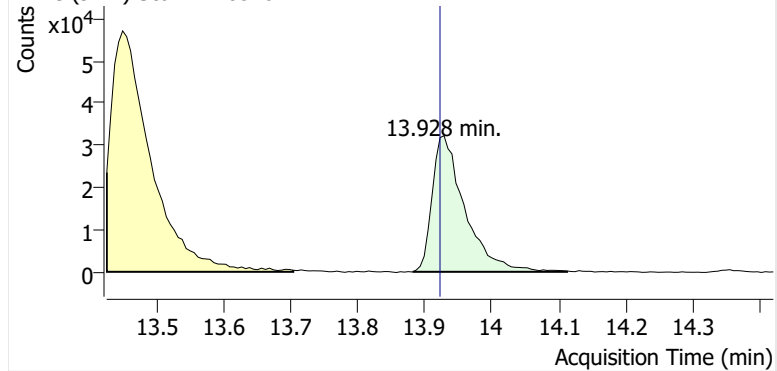


+ Scan (13.397-13.703 min, 52 scans) P2405267.D

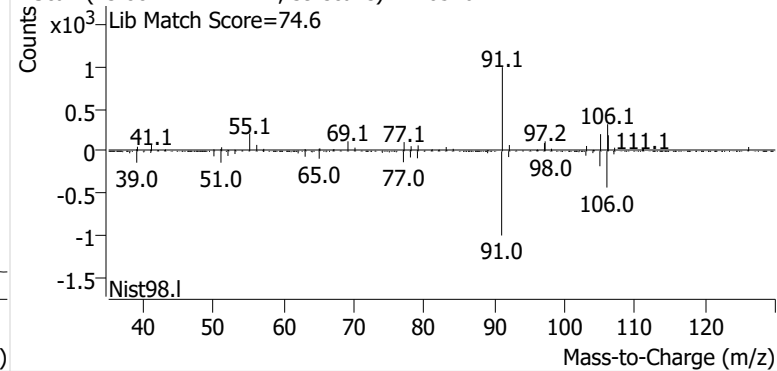


o-Xylene

+ EIC (91.1) Scan P2405267.D

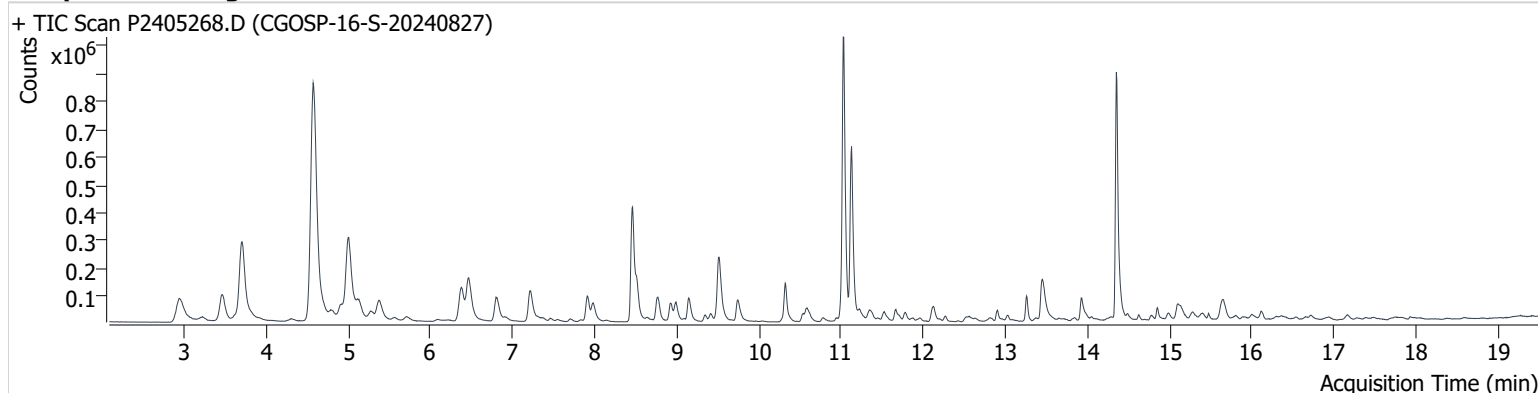


+ Scan (13.881-14.112 min, 39 scans) P2405267.D



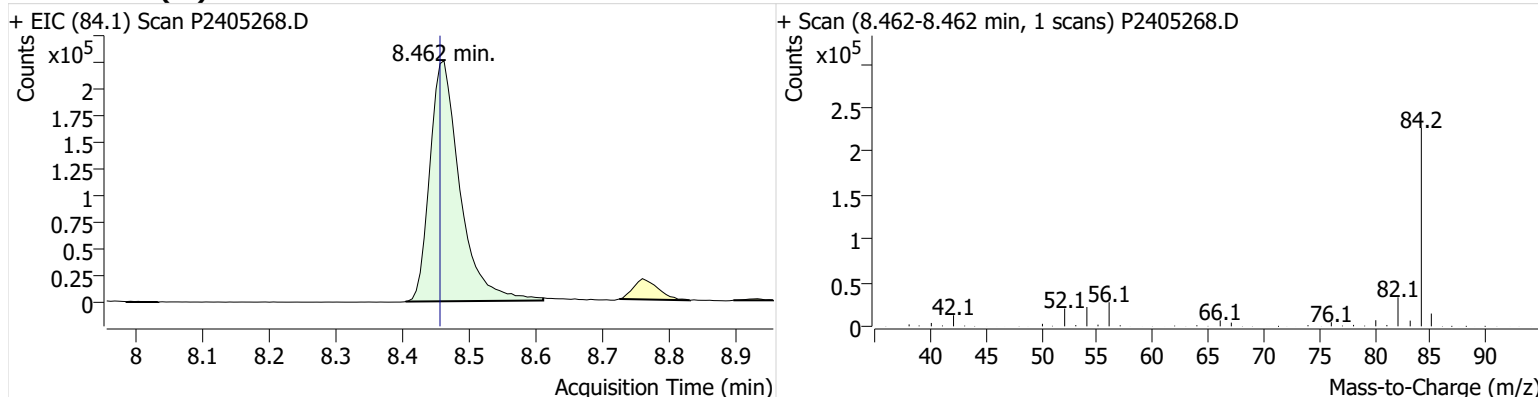
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Comment C40681
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Acq. Date-Time 9/18/2024 7:14:10 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

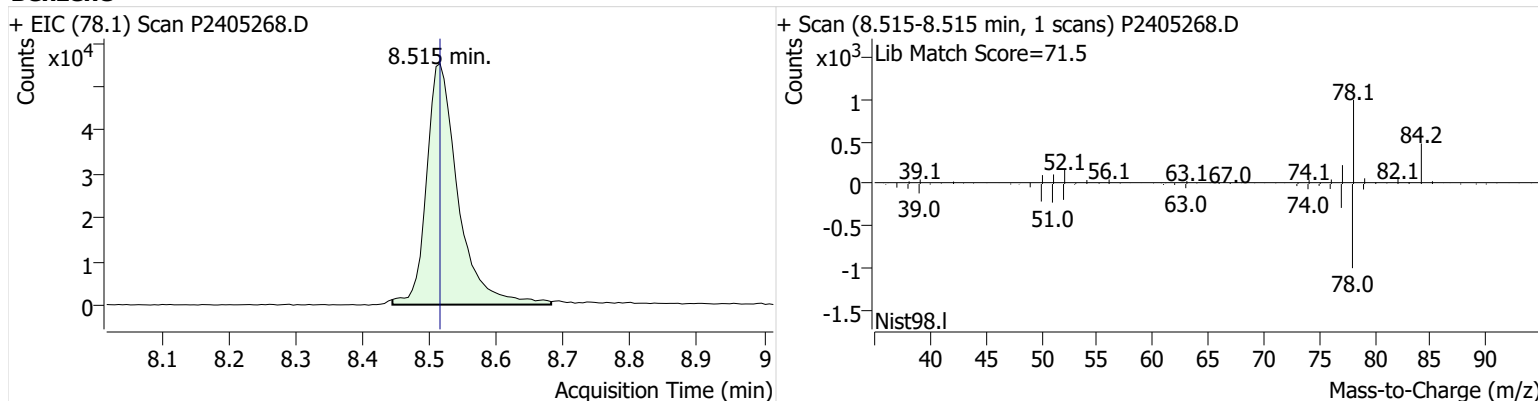


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	706,645	
Benzene	benzene-d6 (IS)	8.515	8.515	180,455	
Toluene-d8 (IS)		11.026	11.032	1,032,256	
Toluene	Toluene-d8 (IS)	11.127	11.121	602,053	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	90,982	
m-/p-Xylene	Toluene-d8 (IS)	13.454	13.459	226,300	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	97,817	

benzene-d6 (IS)

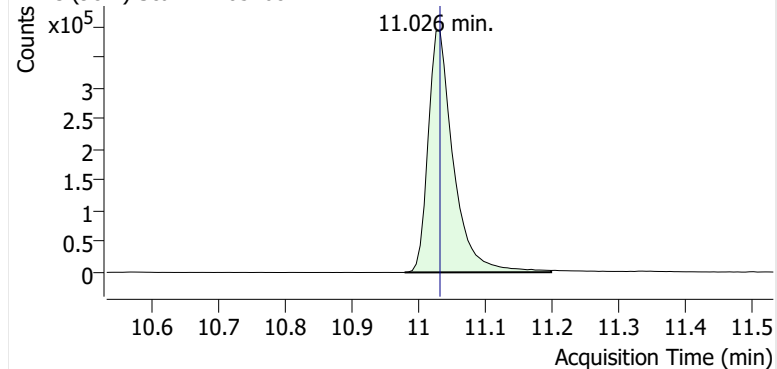


Benzene

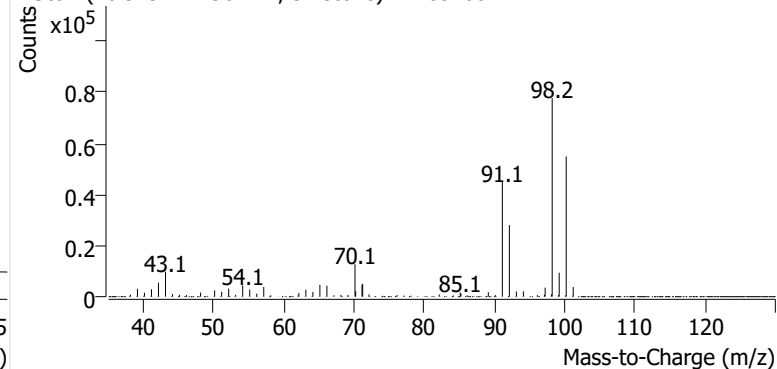


Toluene-d8 (IS)

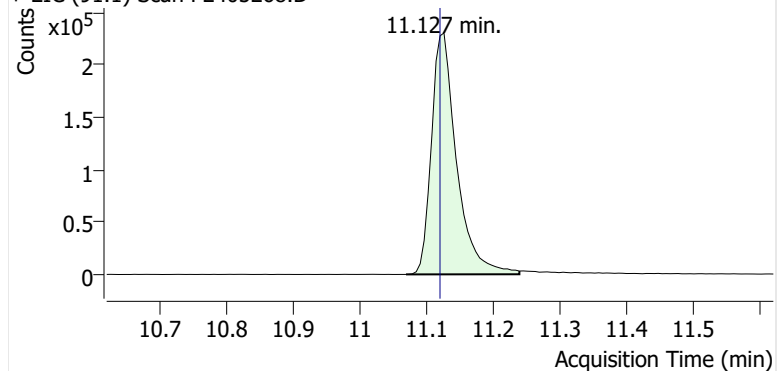
+ EIC (98.1) Scan P2405268.D



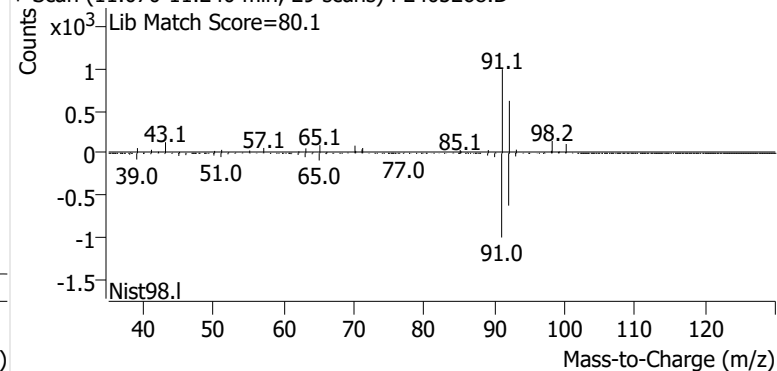
+ Scan (10.979-11.198 min, 37 scans) P2405268.D

**Toluene**

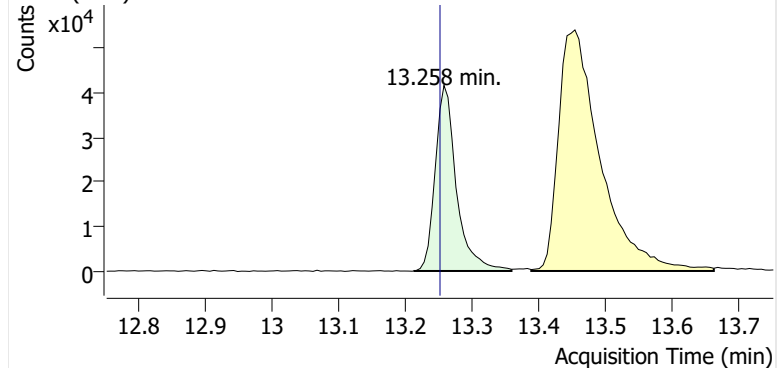
+ EIC (91.1) Scan P2405268.D



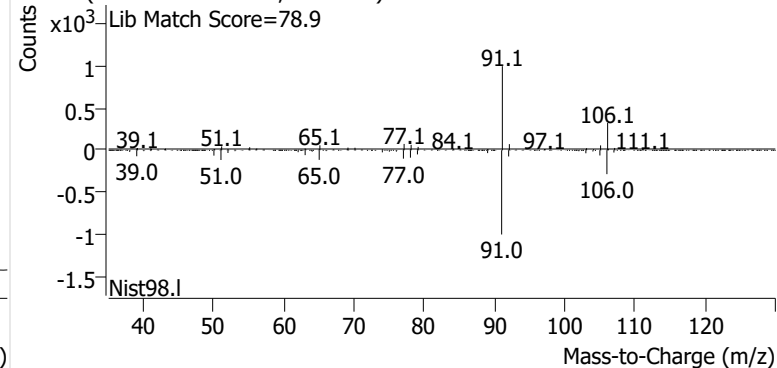
+ Scan (11.070-11.240 min, 29 scans) P2405268.D

**Ethylbenzene**

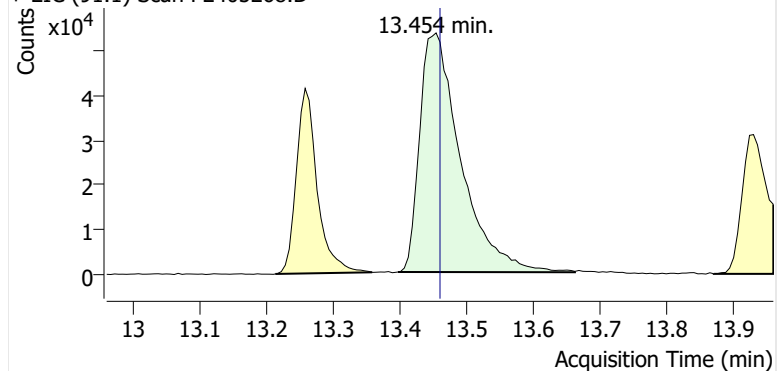
+ EIC (91.1) Scan P2405268.D



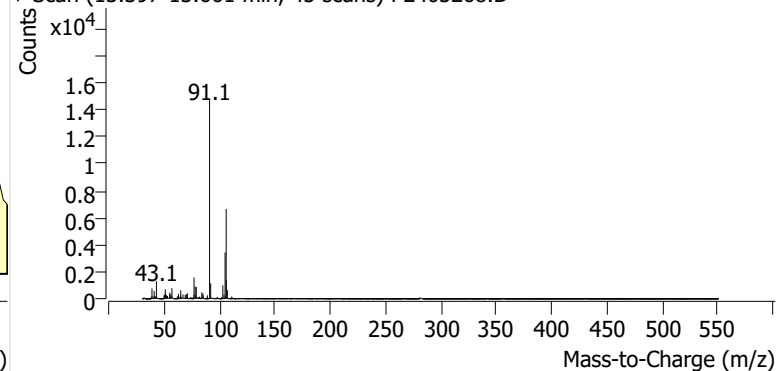
+ Scan (13.212-13.359 min, 25 scans) P2405268.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405268.D

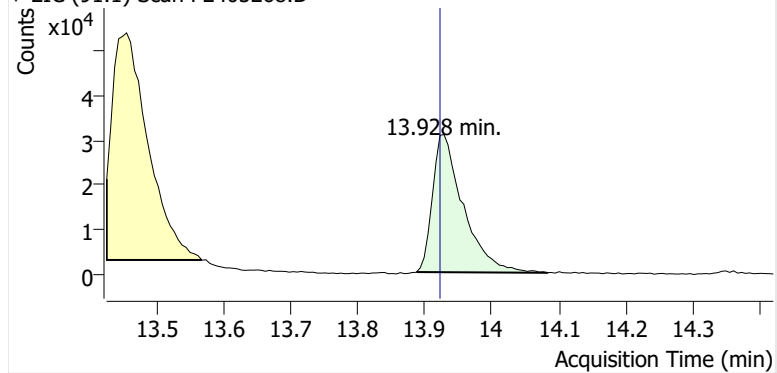


+ Scan (13.397-13.661 min, 45 scans) P2405268.D

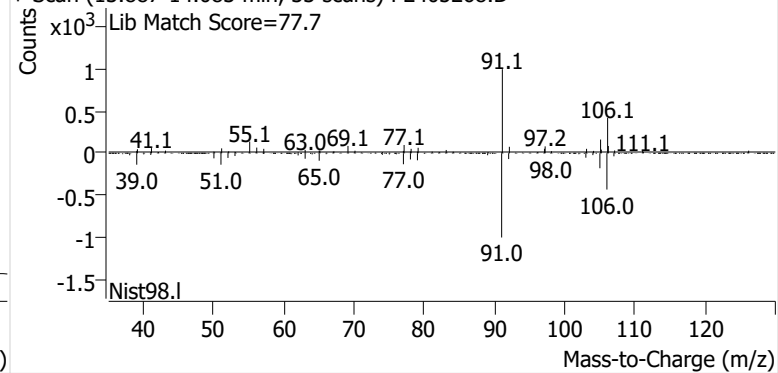


o-Xylene

+ EIC (91.1) Scan P2405268.D

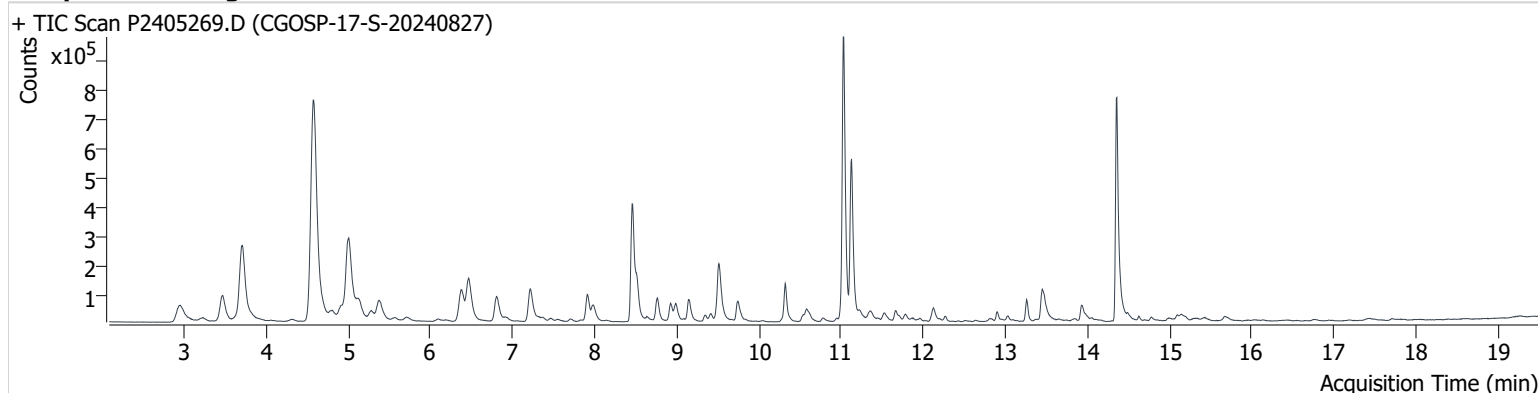


+ Scan (13.887-14.083 min, 33 scans) P2405268.D



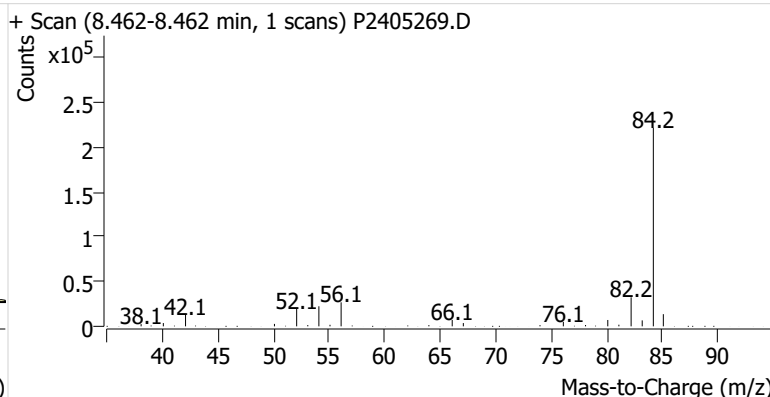
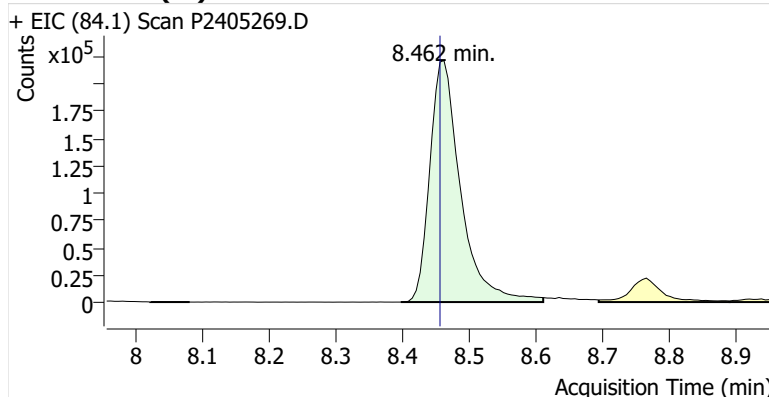
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Comment B10449
Data File P2405269.D
Acq. Date-Time 9/18/2024 7:51:25 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

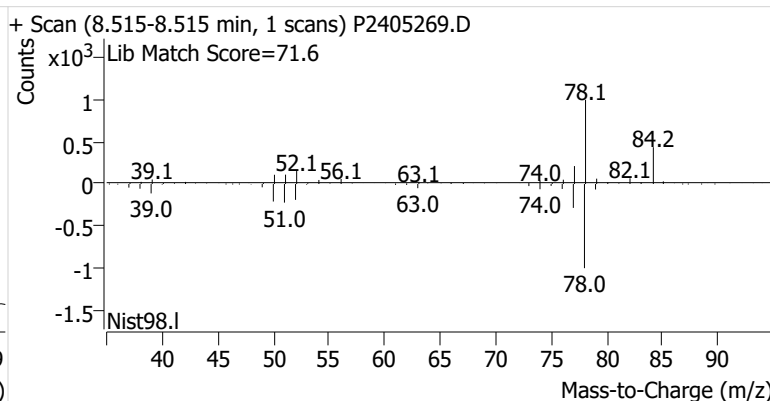
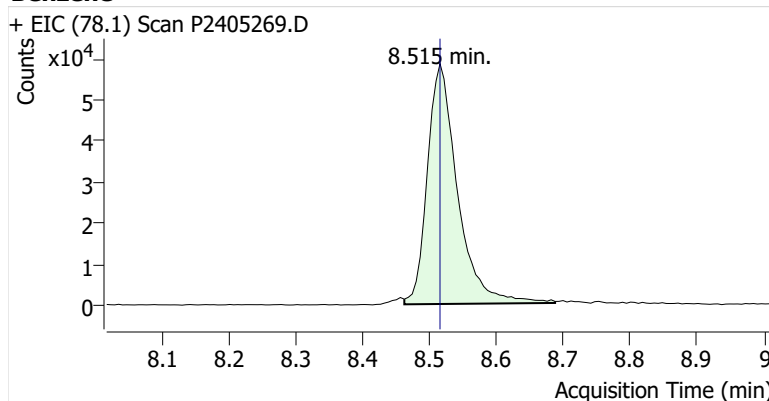


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	710,113	
Benzene	benzene-d6 (IS)	8.515	8.515	183,298	
Toluene-d8 (IS)		11.032	11.032	1,023,815	
Toluene	Toluene-d8 (IS)	11.121	11.121	561,718	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	77,045	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	179,531	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	79,234	

benzene-d6 (IS)

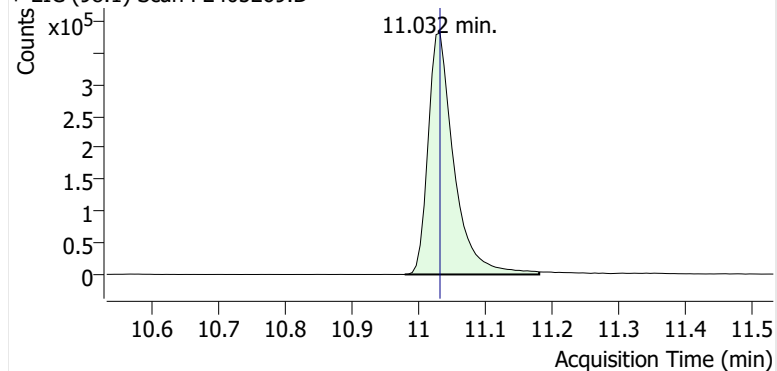


Benzene

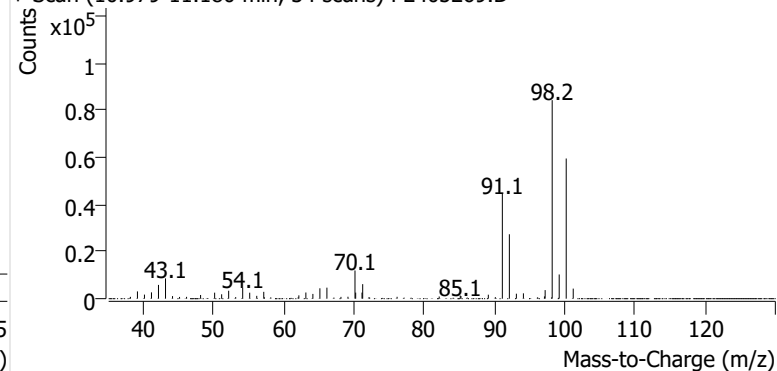


Toluene-d8 (IS)

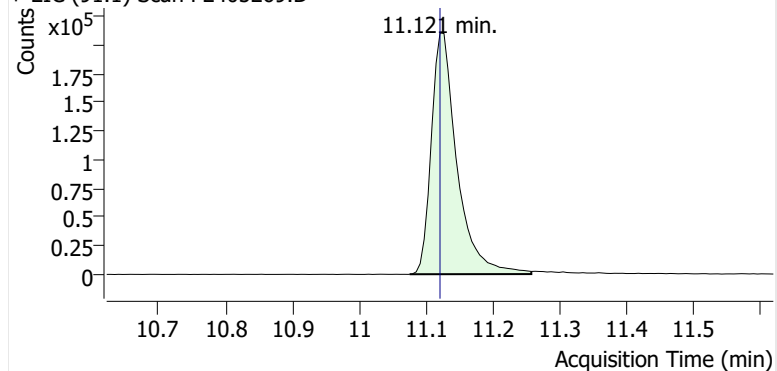
+ EIC (98.1) Scan P2405269.D



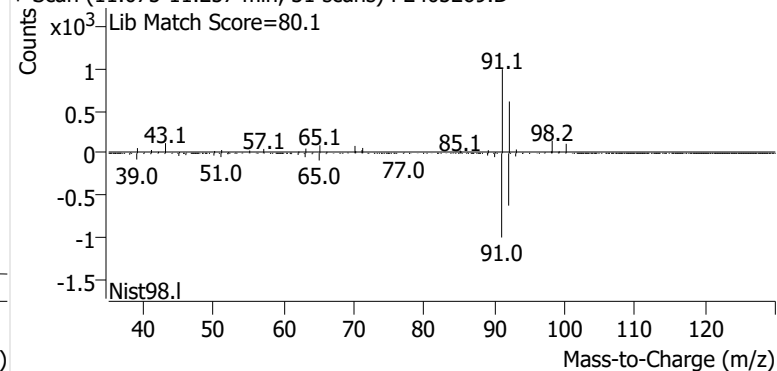
+ Scan (10.979-11.180 min, 34 scans) P2405269.D

**Toluene**

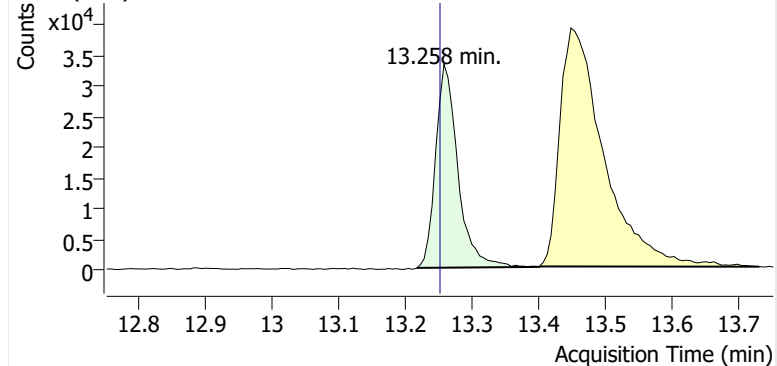
+ EIC (91.1) Scan P2405269.D



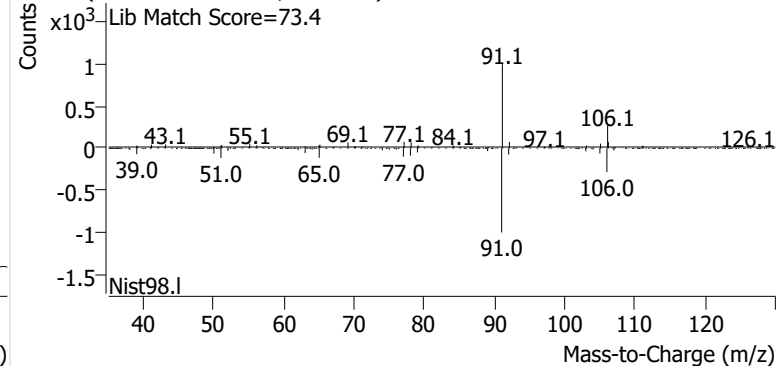
+ Scan (11.075-11.257 min, 31 scans) P2405269.D

**Ethylbenzene**

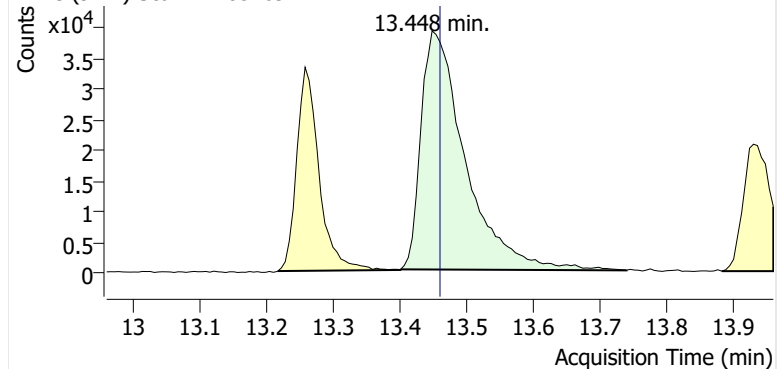
+ EIC (91.1) Scan P2405269.D



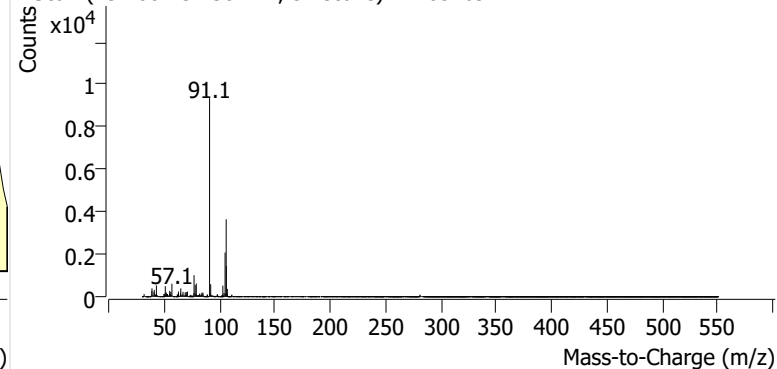
+ Scan (13.217-13.400 min, 31 scans) P2405269.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405269.D

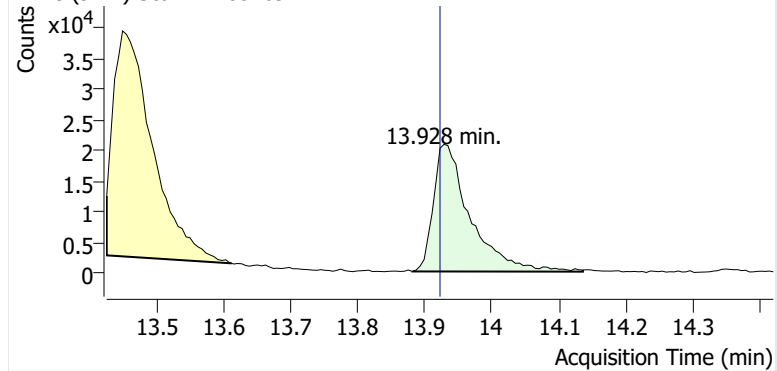


+ Scan (13.400-13.738 min, 57 scans) P2405269.D

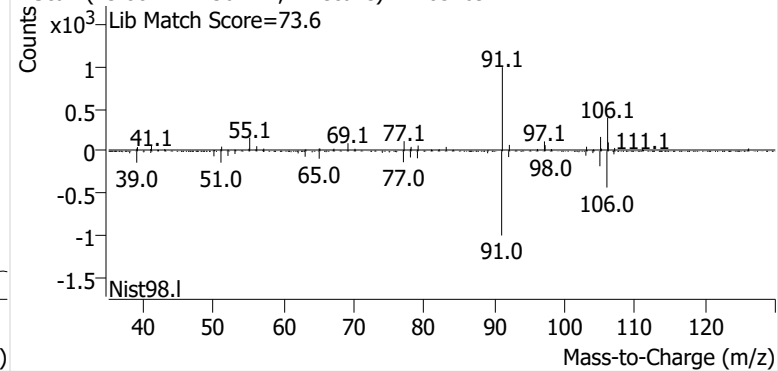


o-Xylene

+ EIC (91.1) Scan P2405269.D

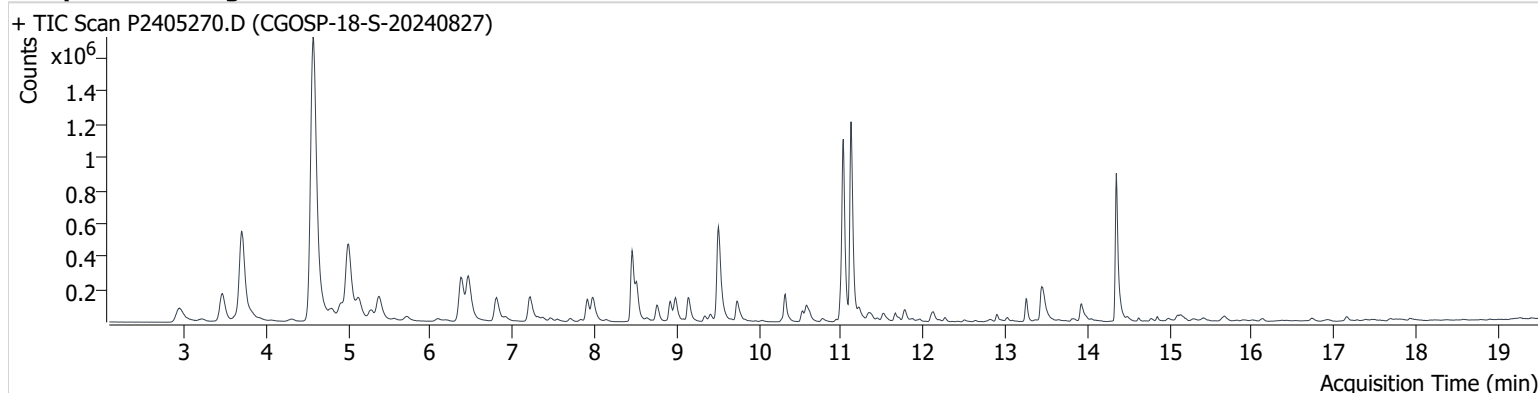


+ Scan (13.881-14.136 min, 44 scans) P2405269.D



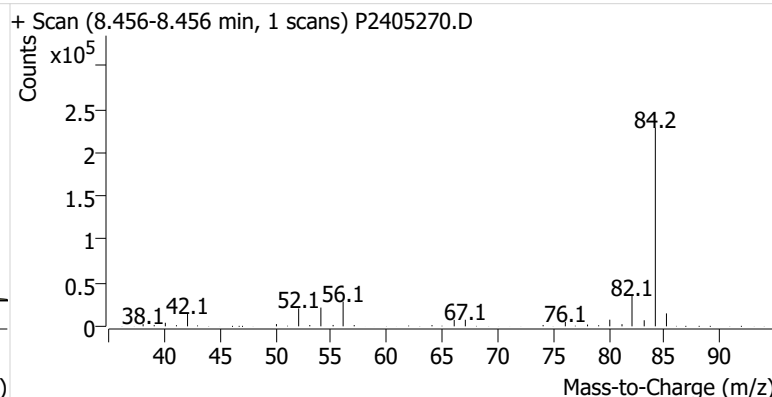
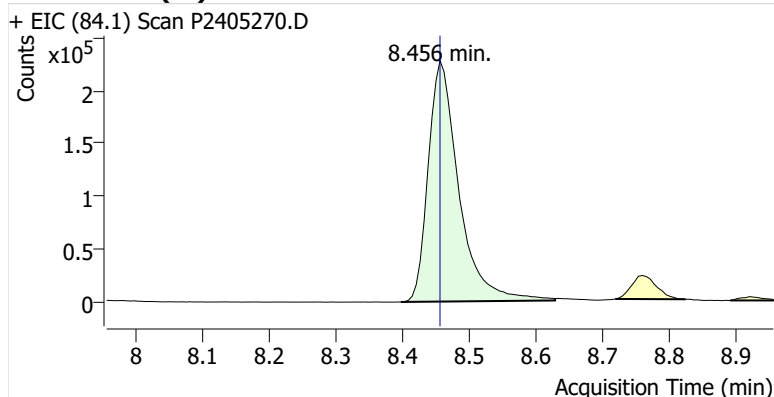
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Comment C40680
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Acq. Date-Time 9/18/2024 8:28:52 AM
Acq. Method File M325B-TD35
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

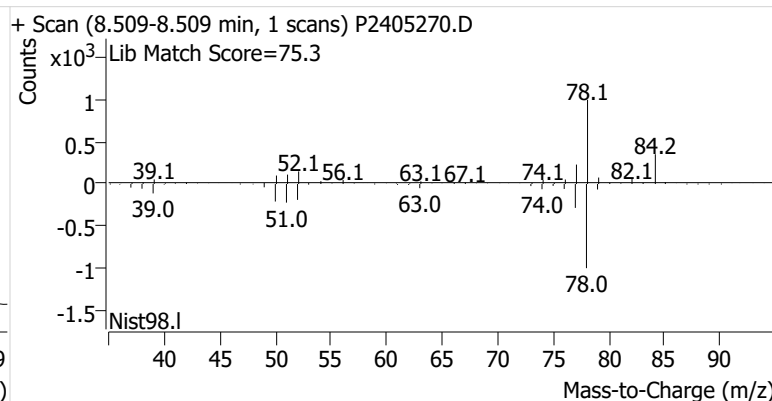
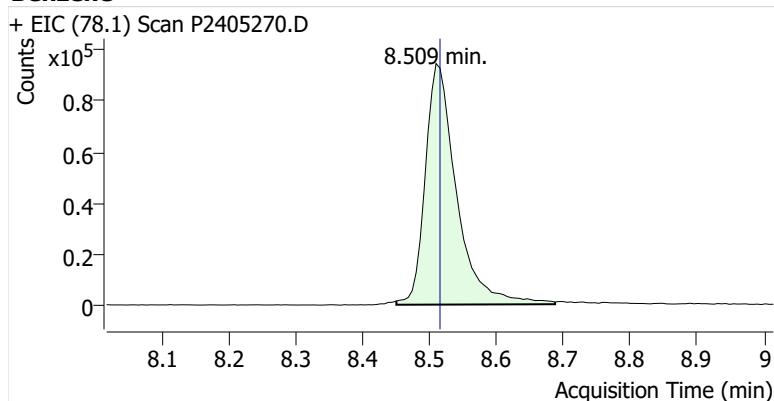


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	724,189	
Benzene	benzene-d6 (IS)	8.509	8.515	307,242	
Toluene-d8 (IS)		11.026	11.032	1,038,509	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,135,447	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	143,846	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	342,391	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	133,913	

benzene-d6 (IS)

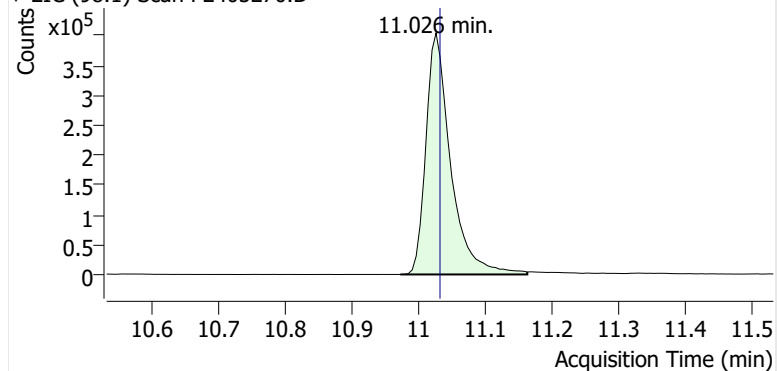


Benzene

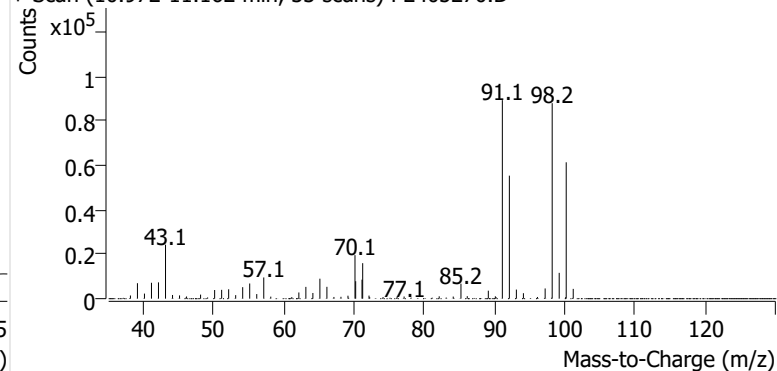


Toluene-d8 (IS)

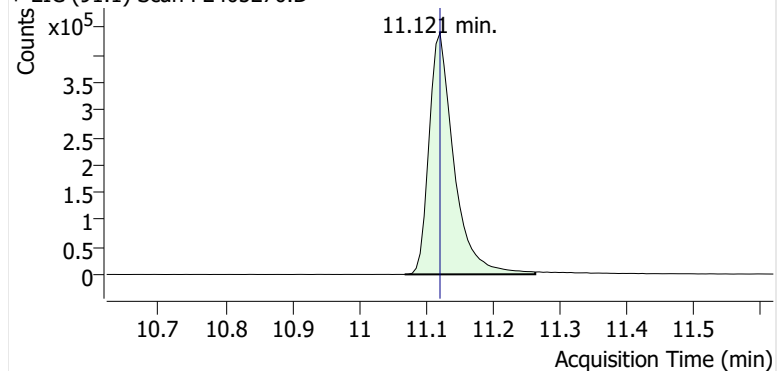
+ EIC (98.1) Scan P2405270.D



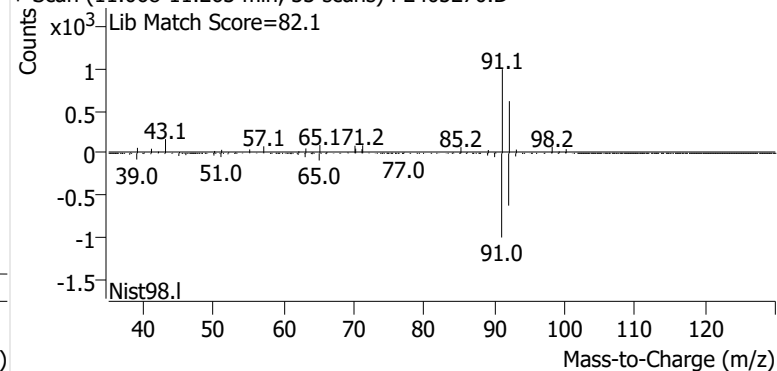
+ Scan (10.972-11.162 min, 33 scans) P2405270.D

**Toluene**

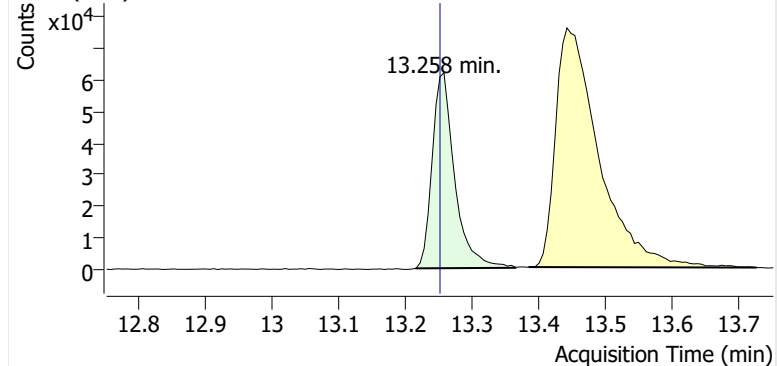
+ EIC (91.1) Scan P2405270.D



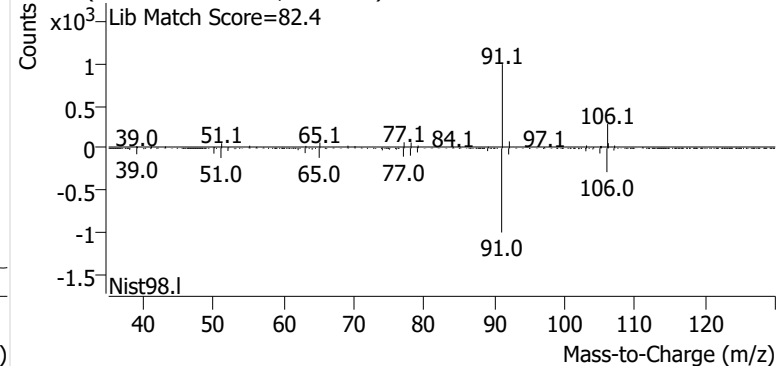
+ Scan (11.068-11.263 min, 33 scans) P2405270.D

**Ethylbenzene**

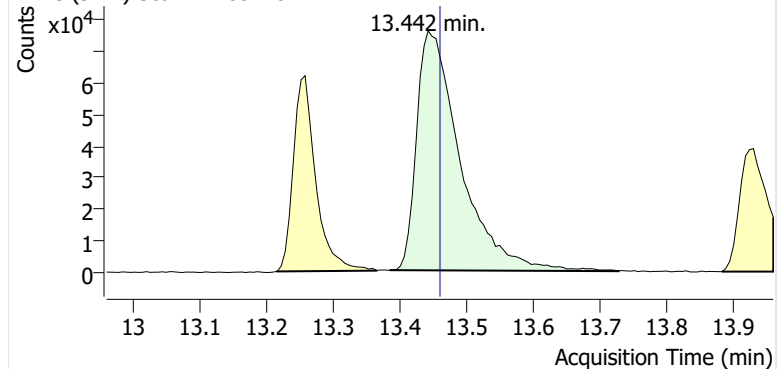
+ EIC (91.1) Scan P2405270.D



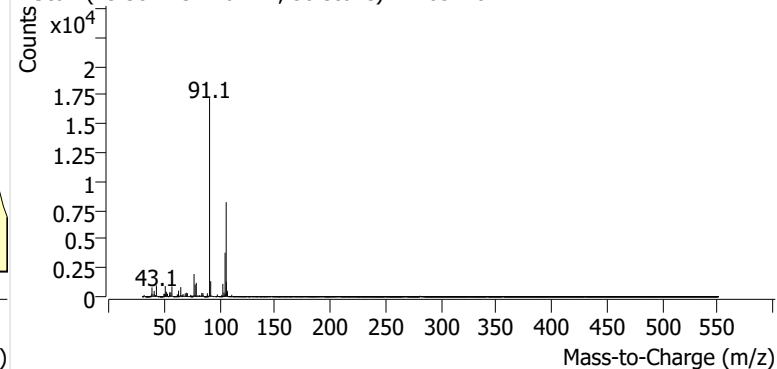
+ Scan (13.215-13.364 min, 26 scans) P2405270.D

**m-/p-Xylene**

+ EIC (91.1) Scan P2405270.D

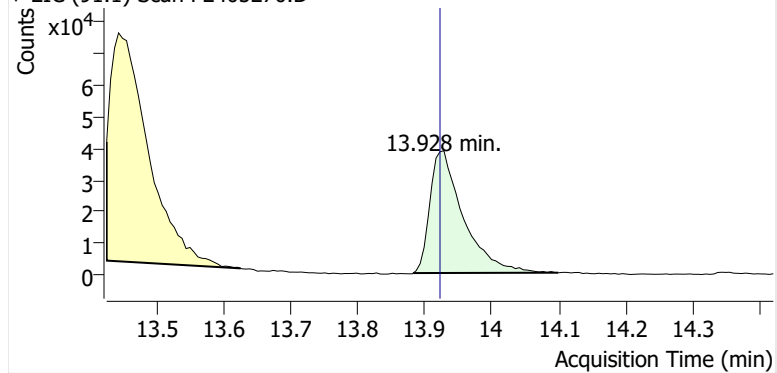


+ Scan (13.384-13.726 min, 58 scans) P2405270.D

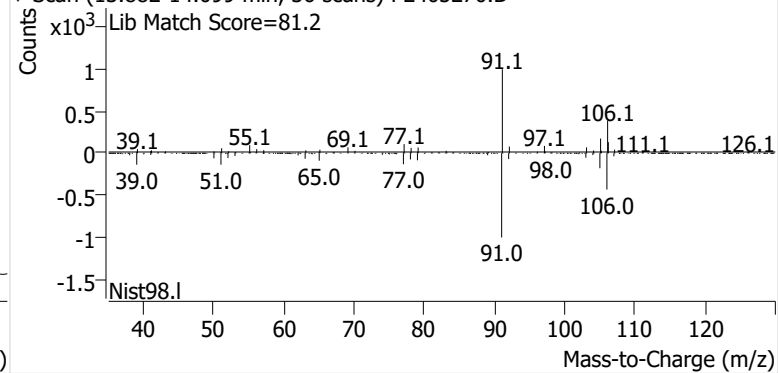


o-Xylene

+ EIC (91.1) Scan P2405270.D



+ Scan (13.882-14.099 min, 36 scans) P2405270.D



Calibration Summary Reports



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024FP306-1 EPA Method 325B Analysis

Client No.: PROJ-031602 Site: CITGO - South Portland Terminal

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	0.912	0.979	0.912	-6.9%	-1.6%		Pass	
2024FP306 Method Blank-1	Blank		0.979	0.912			-2.6%	Pass	ND
M325B CCV 5	Check	0.940	0.979	0.912	-4.0%		-3.7%	Pass	
M325B CCV 5	Check	0.940	0.979	0.912	-4.1%		-1.0%	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	0.892	0.951	0.892	-6.1%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.951	0.892			-3.4%	Pass	ND
M325B CCV 5	Check	0.889	0.951	0.892	-6.5%		-1.7%	Pass	
M325B CCV 5	Check	0.915	0.951	0.892	-3.8%		0.27%	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	0.631	0.677	0.631	-6.8%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.677	0.631			-3.4%	Pass	ND
M325B CCV 5	Check	0.652	0.677	0.631	-3.7%		-1.7%	Pass	
M325B CCV 5	Check	0.650	0.677	0.631	-3.9%		0.27%	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	0.685	0.720	0.685	-4.9%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.720	0.685			-3.4%	Pass	ND
M325B CCV 5	Check	0.692	0.720	0.685	-4.0%		-1.7%	Pass	
M325B CCV 5	Check	0.722	0.720	0.685	0.24%		0.27%	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	0.832	0.898	0.832	-7.3%	-2.3%		Pass	
2024FP306 Method Blank-1	Blank		0.898	0.832			-3.4%	Fail	
M325B CCV 5	Check	0.821	0.898	0.832	-8.6%		-1.7%	Pass	
M325B CCV 5	Check	0.845	0.898	0.832	-6.0%		0.27%	Pass	

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Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Benzene	1	P2404977.D	5.19	53200	91.7	825638	1.138	16%
P090624A BTEX.quantmethod.xml	Benzene	2	P2404978.D	10.38	91845	91.7	790527	1.026	4.8%
P090624A BTEX.quantmethod.xml	Benzene	3	P2404979.D	20.76	168704	91.7	766300	0.972	-0.72%
P090624A BTEX.quantmethod.xml	Benzene	4	P2404980.D	41.51	319641	91.7	739567	0.954	-2.5%
P090624A BTEX.quantmethod.xml	Benzene	5	P2404981.D	103.78	770808	91.7	741300	0.919	-6.2%
P090624A BTEX.quantmethod.xml	Benzene	6	P2404982.D	207.57	1506802	91.7	718096	0.927	-5.4%
P090624A BTEX.quantmethod.xml	Benzene	7	P2404983.D	622.70	4556203	91.7	729727	0.919	-6.1%
						Avg:	758736	0.979	
						%RSD:	5.0%	8.2%	
P090624A BTEX.quantmethod.xml	Ethylbenzene	1	P2404977.D	5.33	56151	108.1	1169254	0.974	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	2	P2404978.D	10.67	105621	108.1	1107038	0.967	1.7%
P090624A BTEX.quantmethod.xml	Ethylbenzene	3	P2404979.D	21.33	219430	108.1	1067634	1.042	9.6%
P090624A BTEX.quantmethod.xml	Ethylbenzene	4	P2404980.D	42.67	414505	108.1	1079066	0.973	2.4%
P090624A BTEX.quantmethod.xml	Ethylbenzene	5	P2404981.D	106.66	889663	108.1	1042115	0.865	-9.0%
P090624A BTEX.quantmethod.xml	Ethylbenzene	6	P2404982.D	213.33	1888178	108.1	1053728	0.908	-4.5%
P090624A BTEX.quantmethod.xml	Ethylbenzene	7	P2404983.D	639.99	5839841	108.1	1066774	0.925	-2.7%
						Avg:	1083659	0.951	
						%RSD:	4.0%	6.0%	

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Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	m-/p-Xylene	1	P2404977.D	5.37	41219	108.1	1169254	0.710	4.9%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	2	P2404978.D	10.74	70608	108.1	1107038	0.642	-5.1%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	3	P2404979.D	21.47	173334	108.1	1067634	0.817	21%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	4	P2404980.D	42.95	287337	108.1	1079066	0.670	-0.95%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	5	P2404981.D	107.36	601872	108.1	1042115	0.582	-14%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	6	P2404982.D	214.73	1307488	108.1	1053728	0.625	-7.7%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	7	P2404983.D	644.18	4394447	108.1	1066774	0.691	2.1%
						Avg:	1083659	0.677	
						%RSD:	4.0%	11%	
P090624A BTEX.quantmethod.xml	o-Xylene	1	P2404977.D	5.40	44196	108.1	1169254	0.757	5.1%
P090624A BTEX.quantmethod.xml	o-Xylene	2	P2404978.D	10.80	82293	108.1	1107038	0.745	3.4%
P090624A BTEX.quantmethod.xml	o-Xylene	3	P2404979.D	21.59	162748	108.1	1067634	0.763	6.0%
P090624A BTEX.quantmethod.xml	o-Xylene	4	P2404980.D	43.18	323877	108.1	1079066	0.752	4.4%
P090624A BTEX.quantmethod.xml	o-Xylene	5	P2404981.D	107.95	690821	108.1	1042115	0.664	-7.8%
P090624A BTEX.quantmethod.xml	o-Xylene	6	P2404982.D	215.90	1404667	108.1	1053728	0.668	-7.3%
P090624A BTEX.quantmethod.xml	o-Xylene	7	P2404983.D	647.71	4429477	108.1	1066774	0.693	-3.8%
						Avg:	1083659	0.720	
						%RSD:	4.0%	6.1%	

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Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P090624A BTEX.quantmethod.xml	Toluene	1	P2404977.D	5.39	60242	108.1	1169254	1.034	15%
P090624A BTEX.quantmethod.xml	Toluene	2	P2404978.D	10.78	103782	108.1	1107038	0.940	4.7%
P090624A BTEX.quantmethod.xml	Toluene	3	P2404979.D	21.56	201417	108.1	1067634	0.946	5.3%
P090624A BTEX.quantmethod.xml	Toluene	4	P2404980.D	43.11	378117	108.1	1079066	0.879	-2.2%
P090624A BTEX.quantmethod.xml	Toluene	5	P2404981.D	107.78	866654	108.1	1042115	0.834	-7.1%
P090624A BTEX.quantmethod.xml	Toluene	6	P2404982.D	215.56	1738243	108.1	1053728	0.827	-7.9%
P090624A BTEX.quantmethod.xml	Toluene	7	P2404983.D	646.68	5279870	108.1	1066774	0.828	-7.9%
						Avg:	1083659	0.898	
						%RSD:	4.0%	8.7%	
P090624A BTEX.quantmethod.xml	Benzene	ICV	P2404984.D	63.61	412010	91.7	731399	0.812	-17%
P090624A BTEX.quantmethod.xml	Ethylbenzene	ICV	P2404984.D	85.41	703130	108.1	1042671	0.854	-10%
P090624A BTEX.quantmethod.xml	m-/p-Xylene	ICV	P2404984.D	88.90	563818	108.1	1042671	0.658	-2.8%
P090624A BTEX.quantmethod.xml	o-Xylene	ICV	P2404984.D	87.50	558957	108.1	1042671	0.662	-8%
P090624A BTEX.quantmethod.xml	Toluene	ICV	P2404984.D	75.87	552004	108.1	1042671	0.754	-16%

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