QUARTER 3, 2024
FENCELINE MONITORING REPORT FOR THE SOUTH PORTLAND TERMINAL

Prepared For:
Buckeye Terminals LLC

6161 Hamilton Boulevard
Allentown, PA 18106

Facility:
South Portland Terminal LLC
170 Lincoln Street
South Portland, ME 04106
Permits A-282-70-G-R and A-282-70-H-A

Prepared By:
Montrose Air Quality Services LLC
45 Route 46 East, Suite 601
Pine Brook, NJ 07058

Report Number: **047AA-031334-RT-492**
Date: **November 8, 2024**

Responsible Official Certification Page

SUBMITTAL: South Portland Terminal - 3Q Fenceline Monitoring Report

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, I believe the information included in the attached document is true, complete, and accurate.

Stephen Wing	Senior Operations Manager
Print Name	Title
Signature	11/8/24 Date

SOUTH PORTLAND 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
BCKSP-1-S-20240828	1	Benzene	Sample	1.35	ug/m3	0.187	ug/m3		Y	8/28/2024	11:30	9/11/2024	12:45
BCKSP-1-S-20240828	1	Ethylbenzene	Sample	0.857	ug/m3	0.272	ug/m3		Y	8/28/2024	11:30	9/11/2024	12:45
BCKSP-1-S-20240828	1	m-/p-Xylene	Sample	2.44	ug/m3	0.272	ug/m3		Y	8/28/2024	11:30	9/11/2024	12:45
BCKSP-1-S-20240828	1	o-Xylene	Sample	0.931	ug/m3	0.272	ug/m3		Y	8/28/2024	11:30	9/11/2024	12:45
BCKSP-1-S-20240828	1	Toluene	Sample	4.56	ug/m3	0.241	ug/m3		Y	8/28/2024	11:30	9/11/2024	12:45
BCKSP-2-S-20240828	2	Benzene	Sample	2.14	ug/m3	0.187	ug/m3		Y	8/28/2024	11:35	9/11/2024	12:50
BCKSP-2-S-20240828	2	Ethylbenzene	Sample	1.22	ug/m3	0.272	ug/m3		Y	8/28/2024	11:35	9/11/2024	12:50
BCKSP-2-S-20240828	2	m-/p-Xylene	Sample	3.48	ug/m3	0.272	ug/m3		Y	8/28/2024	11:35	9/11/2024	12:50
BCKSP-2-S-20240828	2	o-Xylene	Sample	1.4	ug/m3	0.272	ug/m3		Y	8/28/2024	11:35	9/11/2024	12:50
BCKSP-2-S-20240828	2	Toluene	Sample	6.97	ug/m3	0.241	ug/m3		Y	8/28/2024	11:35	9/11/2024	12:50
BCKSP-3-S-20240828	3	Benzene	Sample	2.73	ug/m3	0.187	ug/m3		Y	8/28/2024	11:38	9/11/2024	13:00
BCKSP-3-S-20240828	3	Ethylbenzene	Sample	1.92	ug/m3	0.272	ug/m3		Y	8/28/2024	11:38	9/11/2024	13:00
BCKSP-3-S-20240828	3	m-/p-Xylene	Sample	4.75	ug/m3	0.272	ug/m3		Y	8/28/2024	11:38	9/11/2024	13:00
BCKSP-3-S-20240828	3	o-Xylene	Sample	1.85	ug/m3	0.272	ug/m3		Y	8/28/2024	11:38	9/11/2024	13:00
BCKSP-3-S-20240828	3	Toluene	Sample	9.92	ug/m3	0.241	ug/m3		Y	8/28/2024	11:38	9/11/2024	13:00
BCKSP-4-S-20240828	4	Benzene	Sample	2.47	ug/m3	0.187	ug/m3		Y	8/28/2024	11:40	9/11/2024	13:05
BCKSP-4-S-20240828	4	Ethylbenzene	Sample	1.76	ug/m3	0.272	ug/m3		Y	8/28/2024	11:40	9/11/2024	13:05
BCKSP-4-S-20240828	4	m-/p-Xylene	Sample	5.2	ug/m3	0.272	ug/m3		Y	8/28/2024	11:40	9/11/2024	13:05
BCKSP-4-S-20240828	4	o-Xylene	Sample	2.06	ug/m3	0.272	ug/m3		Y	8/28/2024	11:40	9/11/2024	13:05
BCKSP-4-S-20240828	4	Toluene	Sample	9.7	ug/m3	0.241	ug/m3		Y	8/28/2024	11:40	9/11/2024	13:05
BCKSP-5-S-20240828	5	Benzene	Sample	3.65	ug/m3	0.187	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-S-20240828	5	Ethylbenzene	Sample	1.98	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-S-20240828	5	m-/p-Xylene	Sample	5.6	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-S-20240828	5	o-Xylene	Sample	2.29	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-S-20240828	5	Toluene	Sample	13	ug/m3	0.241	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-D-20240828	5	Benzene	Duplicate	3.86	ug/m3	0.187	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-D-20240828	5	Ethylbenzene	Duplicate	2.25	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-D-20240828	5	m-/p-Xylene	Duplicate	6.7	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-D-20240828	5	o-Xylene	Duplicate	2.67	ug/m3	0.272	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-D-20240828	5	Toluene	Duplicate	14.2	ug/m3	0.241	ug/m3		Y	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-B-20240828	5	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND	N	8/28/2024	11:44	9/11/2024	13:15

SOUTH PORTLAND 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
BCKSP-5-B-20240828	5	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-B-20240828	5	m-/p-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-B-20240828	5	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	11:44	9/11/2024	13:15
BCKSP-5-B-20240828	5	Toluene	Blank	<0.241	ug/m3	0.241	ug/m3	ND	N	8/28/2024	11:44	9/11/2024	13:15
BCKSP-6-S-20240828	6	Benzene	Sample	5.06	ug/m3	0.187	ug/m3		Y	8/28/2024	11:50	9/11/2024	13:20
BCKSP-6-S-20240828	6	Ethylbenzene	Sample	2.94	ug/m3	0.272	ug/m3		Y	8/28/2024	11:50	9/11/2024	13:20
BCKSP-6-S-20240828	6	m-/p-Xylene	Sample	8.73	ug/m3	0.272	ug/m3		Y	8/28/2024	11:50	9/11/2024	13:20
BCKSP-6-S-20240828	6	o-Xylene	Sample	3.57	ug/m3	0.272	ug/m3		Y	8/28/2024	11:50	9/11/2024	13:20
BCKSP-6-S-20240828	6	Toluene	Sample	18.3	ug/m3	0.241	ug/m3		Y	8/28/2024	11:50	9/11/2024	13:20
BCKSP-7-S-20240828	7	Benzene	Sample	7.16	ug/m3	0.187	ug/m3		Y	8/28/2024	11:55	9/11/2024	13:25
BCKSP-7-S-20240828	7	Ethylbenzene	Sample	4.03	ug/m3	0.272	ug/m3		Y	8/28/2024	11:55	9/11/2024	13:25
BCKSP-7-S-20240828	7	m-/p-Xylene	Sample	11.6	ug/m3	0.272	ug/m3		Y	8/28/2024	11:55	9/11/2024	13:25
BCKSP-7-S-20240828	7	o-Xylene	Sample	4.73	ug/m3	0.272	ug/m3		Y	8/28/2024	11:55	9/11/2024	13:25
BCKSP-7-S-20240828	7	Toluene	Sample	24.8	ug/m3	0.241	ug/m3	E	Y	8/28/2024	11:55	9/11/2024	13:25
BCKSP-8-S-20240828	8	Benzene	Sample	10.7	ug/m3	0.187	ug/m3		Y	8/28/2024	12:00	9/11/2024	13:30
BCKSP-8-S-20240828	8	Ethylbenzene	Sample	4.7	ug/m3	0.272	ug/m3		Y	8/28/2024	12:00	9/11/2024	13:30
BCKSP-8-S-20240828	8	m-/p-Xylene	Sample	13.9	ug/m3	0.272	ug/m3		Y	8/28/2024	12:00	9/11/2024	13:30
BCKSP-8-S-20240828	8	o-Xylene	Sample	5.48	ug/m3	0.272	ug/m3		Y	8/28/2024	12:00	9/11/2024	13:30
BCKSP-8-S-20240828	8	Toluene	Sample	31	ug/m3	0.241	ug/m3	E	Y	8/28/2024	12:00	9/11/2024	13:30
BCKSP-9-S-20240828	9	Benzene	Sample	4.94	ug/m3	0.187	ug/m3	I	Y	8/28/2024	12:10	9/11/2024	13:35
BCKSP-9-S-20240828	9	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:10	9/11/2024	13:35
BCKSP-9-S-20240828	9	m-/p-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:10	9/11/2024	13:35
BCKSP-9-S-20240828	9	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:10	9/11/2024	13:35
BCKSP-9-S-20240828	9	Toluene	Sample	6.32	ug/m3	0.241	ug/m3		Y	8/28/2024	12:10	9/11/2024	13:35
BCKSP-10-S-20240828	10	Benzene	Sample	7.54	ug/m3	0.187	ug/m3		Y	8/28/2024	12:20	9/11/2024	13:40
BCKSP-10-S-20240828	10	Ethylbenzene	Sample	3.58	ug/m3	0.272	ug/m3		Y	8/28/2024	12:20	9/11/2024	13:40
BCKSP-10-S-20240828	10	m-/p-Xylene	Sample	11	ug/m3	0.272	ug/m3		Y	8/28/2024	12:20	9/11/2024	13:40
BCKSP-10-S-20240828	10	o-Xylene	Sample	4.38	ug/m3	0.272	ug/m3		Y	8/28/2024	12:20	9/11/2024	13:40
BCKSP-10-S-20240828	10	Toluene	Sample	24.3	ug/m3	0.241	ug/m3	E	Y	8/28/2024	12:20	9/11/2024	13:40
BCKSP-11-S-20240828	11	Benzene	Sample	4.27	ug/m3	0.187	ug/m3		Y	8/28/2024	12:25	9/11/2024	13:45
BCKSP-11-S-20240828	11	Ethylbenzene	Sample	1.99	ug/m3	0.272	ug/m3		Y	8/28/2024	12:25	9/11/2024	13:45

SOUTH PORTLAND 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
BCKSP-11-S-20240828	11	m-/p-Xylene	Sample	5.63	ug/m3	0.272	ug/m3		Y	8/28/2024	12:25	9/11/2024	13:45
BCKSP-11-S-20240828	11	o-Xylene	Sample	2.28	ug/m3	0.272	ug/m3		Y	8/28/2024	12:25	9/11/2024	13:45
BCKSP-11-S-20240828	11	Toluene	Sample	14.4	ug/m3	0.241	ug/m3		Y	8/28/2024	12:25	9/11/2024	13:45
BCKSP-12-S-20240828	12	Benzene	Sample	4.65	ug/m3	0.187	ug/m3		Y	8/28/2024	12:30	9/11/2024	13:50
BCKSP-12-S-20240828	12	Ethylbenzene	Sample	1.95	ug/m3	0.272	ug/m3		Y	8/28/2024	12:30	9/11/2024	13:50
BCKSP-12-S-20240828	12	m-/p-Xylene	Sample	5.73	ug/m3	0.272	ug/m3		Y	8/28/2024	12:30	9/11/2024	13:50
BCKSP-12-S-20240828	12	o-Xylene	Sample	2.27	ug/m3	0.272	ug/m3		Y	8/28/2024	12:30	9/11/2024	13:50
BCKSP-12-S-20240828	12	Toluene	Sample	15.2	ug/m3	0.241	ug/m3		Y	8/28/2024	12:30	9/11/2024	13:50
BCKSP-13-S-20240828	13	Benzene	Sample	3.67	ug/m3	0.187	ug/m3		Y	8/28/2024	12:34	9/11/2024	13:53
BCKSP-13-S-20240828	13	Ethylbenzene	Sample	1.91	ug/m3	0.272	ug/m3		Y	8/28/2024	12:34	9/11/2024	13:53
BCKSP-13-S-20240828	13	m-/p-Xylene	Sample	5.21	ug/m3	0.272	ug/m3		Y	8/28/2024	12:34	9/11/2024	13:53
BCKSP-13-S-20240828	13	o-Xylene	Sample	2.05	ug/m3	0.272	ug/m3		Y	8/28/2024	12:34	9/11/2024	13:53
BCKSP-13-S-20240828	13	Toluene	Sample	11.9	ug/m3	0.241	ug/m3		Y	8/28/2024	12:34	9/11/2024	13:53
BCKSP-14-S-20240828	14	Benzene	Sample	1.52	ug/m3	0.187	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-S-20240828	14	Ethylbenzene	Sample	0.862	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-S-20240828	14	m-/p-Xylene	Sample	2.47	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-S-20240828	14	o-Xylene	Sample	1.01	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-S-20240828	14	Toluene	Sample	6.35	ug/m3	0.241	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-D-20240828	14	Benzene	Duplicate	1.55	ug/m3	0.187	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-D-20240828	14	Ethylbenzene	Duplicate	1	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-D-20240828	14	m-/p-Xylene	Duplicate	2.42	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-D-20240828	14	o-Xylene	Duplicate	0.952	ug/m3	0.272	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-D-20240828	14	Toluene	Duplicate	5.97	ug/m3	0.241	ug/m3		Y	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-B-20240828	14	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND	N	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-B-20240828	14	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-B-20240828	14	m-/p-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-B-20240828	14	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	8/28/2024	12:39	9/11/2024	13:56
BCKSP-14-B-20240828	14	Toluene	Blank	<0.241	ug/m3	0.241	ug/m3	ND	N	8/28/2024	12:39	9/11/2024	13:56
BCKSP-15-S-20240828	15	Benzene	Sample	1.14	ug/m3	0.187	ug/m3		Y	8/28/2024	12:44	9/11/2024	14:05
BCKSP-15-S-20240828	15	Ethylbenzene	Sample	0.726	ug/m3	0.272	ug/m3		Y	8/28/2024	12:44	9/11/2024	14:05
BCKSP-15-S-20240828	15	m-/p-Xylene	Sample	1.96	ug/m3	0.272	ug/m3		Y	8/28/2024	12:44	9/11/2024	14:05

SOUTH PORTLAND 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
BCKSP-15-S-20240828	15	o-Xylene	Sample	0.793	ug/m3	0.272	ug/m3		Y	8/28/2024	12:44	9/11/2024	14:05
BCKSP-15-S-20240828	15	Toluene	Sample	3.86	ug/m3	0.241	ug/m3		Y	8/28/2024	12:44	9/11/2024	14:05
BCKSP-16-S-20240828	16	Benzene	Sample	1.09	ug/m3	0.187	ug/m3		Y	8/28/2024	12:48	9/11/2024	14:10
BCKSP-16-S-20240828	16	Ethylbenzene	Sample	0.815	ug/m3	0.272	ug/m3		Y	8/28/2024	12:48	9/11/2024	14:10
BCKSP-16-S-20240828	16	m-/p-Xylene	Sample	2.12	ug/m3	0.272	ug/m3		Y	8/28/2024	12:48	9/11/2024	14:10
BCKSP-16-S-20240828	16	o-Xylene	Sample	0.872	ug/m3	0.272	ug/m3		Y	8/28/2024	12:48	9/11/2024	14:10
BCKSP-16-S-20240828	16	Toluene	Sample	3.73	ug/m3	0.241	ug/m3		Y	8/28/2024	12:48	9/11/2024	14:10
BCKSP-1-S-20240911	1	Benzene	Sample	2.54	ug/m3	0.189	ug/m3		Y	9/11/2024	12:45	9/25/2024	10:00
BCKSP-1-S-20240911	1	Ethylbenzene	Sample	1.73	ug/m3	0.275	ug/m3		Y	9/11/2024	12:45	9/25/2024	10:00
BCKSP-1-S-20240911	1	m-/p-Xylene	Sample	5.61	ug/m3	0.275	ug/m3		Y	9/11/2024	12:45	9/25/2024	10:00
BCKSP-1-S-20240911	1	o-Xylene	Sample	2.19	ug/m3	0.275	ug/m3		Y	9/11/2024	12:45	9/25/2024	10:00
BCKSP-1-S-20240911	1	Toluene	Sample	10.2	ug/m3	0.244	ug/m3		Y	9/11/2024	12:45	9/25/2024	10:00
BCKSP-2-S-20240911	2	Benzene	Sample	3.12	ug/m3	0.189	ug/m3		Y	9/11/2024	12:50	9/25/2024	10:05
BCKSP-2-S-20240911	2	Ethylbenzene	Sample	2.3	ug/m3	0.275	ug/m3		Y	9/11/2024	12:50	9/25/2024	10:05
BCKSP-2-S-20240911	2	m-/p-Xylene	Sample	8.29	ug/m3	0.275	ug/m3		Y	9/11/2024	12:50	9/25/2024	10:05
BCKSP-2-S-20240911	2	o-Xylene	Sample	2.87	ug/m3	0.275	ug/m3		Y	9/11/2024	12:50	9/25/2024	10:05
BCKSP-2-S-20240911	2	Toluene	Sample	14.2	ug/m3	0.244	ug/m3		Y	9/11/2024	12:50	9/25/2024	10:05
BCKSP-3-S-20240911	3	Benzene	Sample	4.12	ug/m3	0.189	ug/m3		Y	9/11/2024	13:00	9/25/2024	10:12
BCKSP-3-S-20240911	3	Ethylbenzene	Sample	2.97	ug/m3	0.276	ug/m3		Y	9/11/2024	13:00	9/25/2024	10:12
BCKSP-3-S-20240911	3	m-/p-Xylene	Sample	11.4	ug/m3	0.276	ug/m3		Y	9/11/2024	13:00	9/25/2024	10:12
BCKSP-3-S-20240911	3	o-Xylene	Sample	4.14	ug/m3	0.276	ug/m3		Y	9/11/2024	13:00	9/25/2024	10:12
BCKSP-3-S-20240911	3	Toluene	Sample	19.6	ug/m3	0.244	ug/m3		Y	9/11/2024	13:00	9/25/2024	10:12
BCKSP-4-S-20240911	4	Benzene	Sample	3.01	ug/m3	0.189	ug/m3		Y	9/11/2024	13:05	9/25/2024	10:18
BCKSP-4-S-20240911	4	Ethylbenzene	Sample	1.7	ug/m3	0.275	ug/m3		Y	9/11/2024	13:05	9/25/2024	10:18
BCKSP-4-S-20240911	4	m-/p-Xylene	Sample	6.28	ug/m3	0.275	ug/m3		Y	9/11/2024	13:05	9/25/2024	10:18
BCKSP-4-S-20240911	4	o-Xylene	Sample	2.26	ug/m3	0.275	ug/m3		Y	9/11/2024	13:05	9/25/2024	10:18
BCKSP-4-S-20240911	4	Toluene	Sample	11.7	ug/m3	0.244	ug/m3		Y	9/11/2024	13:05	9/25/2024	10:18
BCKSP-5-D-20240911	5	Benzene	Duplicate	3.64	ug/m3	0.189	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-D-20240911	5	Ethylbenzene	Duplicate	1.83	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-D-20240911	5	m-/p-Xylene	Duplicate	6.53	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-D-20240911	5	o-Xylene	Duplicate	2.51	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25

SOUTH PORTLAND 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
BCKSP-5-D-20240911	5	Toluene	Duplicate	14.2	ug/m3	0.244	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-S-20240911	5	Benzene	Sample	3.64	ug/m3	0.189	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-S-20240911	5	Ethylbenzene	Sample	2.05	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-S-20240911	5	m-/p-Xylene	Sample	7.35	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-S-20240911	5	o-Xylene	Sample	2.74	ug/m3	0.276	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-S-20240911	5	Toluene	Sample	14.3	ug/m3	0.244	ug/m3		Y	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-B-20240911	5	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-B-20240911	5	Ethylbenzene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-B-20240911	5	m-/p-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-B-20240911	5	o-Xylene	Blank	<0.276	ug/m3	0.276	ug/m3	ND	N	9/11/2024	13:15	9/25/2024	10:25
BCKSP-5-B-20240911	5	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	9/11/2024	13:15	9/25/2024	10:25
BCKSP-6-S-20240911	6	Benzene	Sample	4.36	ug/m3	0.189	ug/m3		Y	9/11/2024	13:20	9/25/2024	10:30
BCKSP-6-S-20240911	6	Ethylbenzene	Sample	2.41	ug/m3	0.276	ug/m3		Y	9/11/2024	13:20	9/25/2024	10:30
BCKSP-6-S-20240911	6	m-/p-Xylene	Sample	8.78	ug/m3	0.276	ug/m3		Y	9/11/2024	13:20	9/25/2024	10:30
BCKSP-6-S-20240911	6	o-Xylene	Sample	3.22	ug/m3	0.276	ug/m3		Y	9/11/2024	13:20	9/25/2024	10:30
BCKSP-6-S-20240911	6	Toluene	Sample	18.1	ug/m3	0.244	ug/m3		Y	9/11/2024	13:20	9/25/2024	10:30
BCKSP-7-S-20240911	7	Benzene	Sample	5.76	ug/m3	0.189	ug/m3		Y	9/11/2024	13:25	9/25/2024	10:35
BCKSP-7-S-20240911	7	Ethylbenzene	Sample	3.27	ug/m3	0.276	ug/m3		Y	9/11/2024	13:25	9/25/2024	10:35
BCKSP-7-S-20240911	7	m-/p-Xylene	Sample	12.9	ug/m3	0.276	ug/m3		Y	9/11/2024	13:25	9/25/2024	10:35
BCKSP-7-S-20240911	7	o-Xylene	Sample	4.55	ug/m3	0.276	ug/m3		Y	9/11/2024	13:25	9/25/2024	10:35
BCKSP-7-S-20240911	7	Toluene	Sample	24.1	ug/m3	0.244	ug/m3		Y	9/11/2024	13:25	9/25/2024	10:35
BCKSP-8-S-20240911	8	Benzene	Sample	8.31	ug/m3	0.189	ug/m3		Y	9/11/2024	13:30	9/25/2024	10:40
BCKSP-8-S-20240911	8	Ethylbenzene	Sample	4.66	ug/m3	0.276	ug/m3		Y	9/11/2024	13:30	9/25/2024	10:40
BCKSP-8-S-20240911	8	m-/p-Xylene	Sample	17.5	ug/m3	0.276	ug/m3		Y	9/11/2024	13:30	9/25/2024	10:40
BCKSP-8-S-20240911	8	o-Xylene	Sample	6.17	ug/m3	0.276	ug/m3		Y	9/11/2024	13:30	9/25/2024	10:40
BCKSP-8-S-20240911	8	Toluene	Sample	36.6	ug/m3	0.244	ug/m3		Y	9/11/2024	13:30	9/25/2024	10:40
BCKSP-9-S-20240911	9	Benzene	Sample	7.14	ug/m3	0.189	ug/m3		Y	9/11/2024	13:35	9/25/2024	10:45
BCKSP-9-S-20240911	9	Ethylbenzene	Sample	3.42	ug/m3	0.276	ug/m3		Y	9/11/2024	13:35	9/25/2024	10:45
BCKSP-9-S-20240911	9	m-/p-Xylene	Sample	12.7	ug/m3	0.276	ug/m3		Y	9/11/2024	13:35	9/25/2024	10:45
BCKSP-9-S-20240911	9	o-Xylene	Sample	4.51	ug/m3	0.276	ug/m3		Y	9/11/2024	13:35	9/25/2024	10:45
BCKSP-9-S-20240911	9	Toluene	Sample	27.2	ug/m3	0.244	ug/m3		Y	9/11/2024	13:35	9/25/2024	10:45

SOUTH PORTLAND 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
BCKSP-10-S-20240911	10	Benzene	Sample	5.36	ug/m3	0.189	ug/m3		Y	9/11/2024	13:40	9/25/2024	10:50
BCKSP-10-S-20240911	10	Ethylbenzene	Sample	2.41	ug/m3	0.276	ug/m3		Y	9/11/2024	13:40	9/25/2024	10:50
BCKSP-10-S-20240911	10	m-/p-Xylene	Sample	8.09	ug/m3	0.276	ug/m3		Y	9/11/2024	13:40	9/25/2024	10:50
BCKSP-10-S-20240911	10	o-Xylene	Sample	2.89	ug/m3	0.276	ug/m3		Y	9/11/2024	13:40	9/25/2024	10:50
BCKSP-10-S-20240911	10	Toluene	Sample	18.6	ug/m3	0.244	ug/m3		Y	9/11/2024	13:40	9/25/2024	10:50
BCKSP-11-S-20240911	11	Benzene	Sample	2.86	ug/m3	0.189	ug/m3		Y	9/11/2024	13:45	9/25/2024	10:55
BCKSP-11-S-20240911	11	Ethylbenzene	Sample	1.29	ug/m3	0.276	ug/m3		Y	9/11/2024	13:45	9/25/2024	10:55
BCKSP-11-S-20240911	11	m-/p-Xylene	Sample	4.47	ug/m3	0.276	ug/m3		Y	9/11/2024	13:45	9/25/2024	10:55
BCKSP-11-S-20240911	11	o-Xylene	Sample	1.6	ug/m3	0.276	ug/m3		Y	9/11/2024	13:45	9/25/2024	10:55
BCKSP-11-S-20240911	11	Toluene	Sample	9.29	ug/m3	0.244	ug/m3		Y	9/11/2024	13:45	9/25/2024	10:55
BCKSP-12-S-20240911	12	Benzene	Sample	2.88	ug/m3	0.189	ug/m3		Y	9/11/2024	13:50	9/25/2024	11:00
BCKSP-12-S-20240911	12	Ethylbenzene	Sample	1.42	ug/m3	0.276	ug/m3		Y	9/11/2024	13:50	9/25/2024	11:00
BCKSP-12-S-20240911	12	m-/p-Xylene	Sample	4.77	ug/m3	0.276	ug/m3		Y	9/11/2024	13:50	9/25/2024	11:00
BCKSP-12-S-20240911	12	o-Xylene	Sample	1.6	ug/m3	0.276	ug/m3		Y	9/11/2024	13:50	9/25/2024	11:00
BCKSP-12-S-20240911	12	Toluene	Sample	9.9	ug/m3	0.244	ug/m3		Y	9/11/2024	13:50	9/25/2024	11:00
BCKSP-13-S-20240911	13	Benzene	Sample	6.89	ug/m3	0.189	ug/m3		Y	9/11/2024	13:53	9/25/2024	11:05
BCKSP-13-S-20240911	13	Ethylbenzene	Sample	3.46	ug/m3	0.276	ug/m3		Y	9/11/2024	13:53	9/25/2024	11:05
BCKSP-13-S-20240911	13	m-/p-Xylene	Sample	12.6	ug/m3	0.276	ug/m3		Y	9/11/2024	13:53	9/25/2024	11:05
BCKSP-13-S-20240911	13	o-Xylene	Sample	4.62	ug/m3	0.276	ug/m3		Y	9/11/2024	13:53	9/25/2024	11:05
BCKSP-13-S-20240911	13	Toluene	Sample	25.5	ug/m3	0.244	ug/m3		Y	9/11/2024	13:53	9/25/2024	11:05
BCKSP-14-S-20240911	14	Benzene	Sample	2.91	ug/m3	0.189	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-S-20240911	14	Ethylbenzene	Sample	1.45	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-S-20240911	14	m-/p-Xylene	Sample	5.34	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-S-20240911	14	o-Xylene	Sample	1.92	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-S-20240911	14	Toluene	Sample	10.3	ug/m3	0.244	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-D-20240911	14	Benzene	Duplicate	2.95	ug/m3	0.189	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-D-20240911	14	Ethylbenzene	Duplicate	1.56	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-D-20240911	14	m-/p-Xylene	Duplicate	5.2	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-D-20240911	14	o-Xylene	Duplicate	1.82	ug/m3	0.275	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-D-20240911	14	Toluene	Duplicate	10.3	ug/m3	0.244	ug/m3		Y	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-B-20240911	14	Benzene	Blank	<0.189	ug/m3	0.189	ug/m3	ND	N	9/11/2024	13:56	9/25/2024	11:10

SOUTH PORTLAND 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
BCKSP-14-B-20240911	14	Ethylbenzene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-B-20240911	14	m-/p-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-B-20240911	14	o-Xylene	Blank	<0.275	ug/m3	0.275	ug/m3	ND	N	9/11/2024	13:56	9/25/2024	11:10
BCKSP-14-B-20240911	14	Toluene	Blank	<0.244	ug/m3	0.244	ug/m3	ND	N	9/11/2024	13:56	9/25/2024	11:10
BCKSP-15-S-20240911	15	Benzene	Sample	2.24	ug/m3	0.189	ug/m3		Y	9/11/2024	14:05	9/25/2024	11:20
BCKSP-15-S-20240911	15	Ethylbenzene	Sample	1.3	ug/m3	0.275	ug/m3		Y	9/11/2024	14:05	9/25/2024	11:20
BCKSP-15-S-20240911	15	m-/p-Xylene	Sample	4.58	ug/m3	0.275	ug/m3		Y	9/11/2024	14:05	9/25/2024	11:20
BCKSP-15-S-20240911	15	o-Xylene	Sample	1.63	ug/m3	0.275	ug/m3		Y	9/11/2024	14:05	9/25/2024	11:20
BCKSP-15-S-20240911	15	Toluene	Sample	8.08	ug/m3	0.244	ug/m3		Y	9/11/2024	14:05	9/25/2024	11:20
BCKSP-16-S-20240911	16	Benzene	Sample	1.83	ug/m3	0.189	ug/m3		Y	9/11/2024	14:10	9/25/2024	11:25
BCKSP-16-S-20240911	16	Ethylbenzene	Sample	1.32	ug/m3	0.275	ug/m3		Y	9/11/2024	14:10	9/25/2024	11:25
BCKSP-16-S-20240911	16	m-/p-Xylene	Sample	4.51	ug/m3	0.275	ug/m3		Y	9/11/2024	14:10	9/25/2024	11:25
BCKSP-16-S-20240911	16	o-Xylene	Sample	1.66	ug/m3	0.275	ug/m3		Y	9/11/2024	14:10	9/25/2024	11:25
BCKSP-16-S-20240911	16	Toluene	Sample	6.64	ug/m3	0.244	ug/m3		Y	9/11/2024	14:10	9/25/2024	11:25

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
E	Concentration exceeds the calibration range. The analyte result is an estimated value
I	Internal Standard recovery is outside acceptance limits
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.

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

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
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

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
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

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
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

9/4/24 18:00	3.6	183	21.2	1027
9/4/24 19:00	2.7	192	19.3	1027
9/4/24 20:00	2.4	202	18.4	1027
9/4/24 21:00	1.9	211	18.0	1027
9/4/24 22:00	0.8	115	17.2	1027
9/4/24 23:00	ND	ND	15.8	1027
9/5/24 0:00	ND	ND	14.2	1027
9/5/24 1:00	ND	ND	13.2	1027
9/5/24 2:00	0.2	28	12.7	1027
9/5/24 3:00	ND	ND	12.3	1027
9/5/24 4:00	ND	ND	12.0	1027
9/5/24 5:00	1.0	159	11.8	1027
9/5/24 6:00	ND	ND	12.1	1028
9/5/24 7:00	0.5	71	14.9	1028
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

9/6/24 14:00	3.7	98	19.2	1019
9/6/24 15:00	3.9	90	18.8	1018
9/6/24 16:00	4.1	88	18.8	1018
9/6/24 17:00	3.6	89	18.4	1017
9/6/24 18:00	2.8	89	17.3	1017
9/6/24 19:00	3.0	75	16.3	1016
9/6/24 20:00	1.7	32	16.0	1016
9/6/24 21:00	1.9	46	16.0	1016
9/6/24 22:00	2.0	231	16.4	1015
9/6/24 23:00	2.2	282	15.7	1014
9/7/24 0:00	0.3	67	14.9	1014
9/7/24 1:00	1.9	328	14.3	1013
9/7/24 2:00	1.6	283	13.2	1012
9/7/24 3:00	2.1	293	12.8	1012
9/7/24 4:00	1.5	180	12.5	1011
9/7/24 5:00	0.9	161	12.7	1011
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

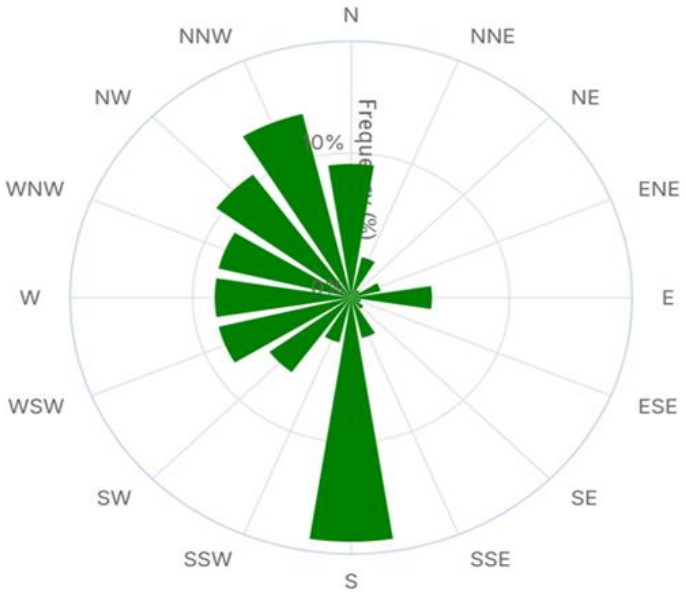
9/8/24 10:00	7.0	261	17.2	1008
9/8/24 11:00	7.4	268	18.0	1008
9/8/24 12:00	7.0	267	18.6	1007
9/8/24 13:00	7.4	270	19.0	1007
9/8/24 14:00	7.3	267	19.1	1008
9/8/24 15:00	6.5	262	19.1	1008
9/8/24 16:00	6.0	261	18.7	1008
9/8/24 17:00	6.4	265	18.0	1008
9/8/24 18:00	4.9	254	17.3	1008
9/8/24 19:00	3.6	245	13.8	1010
9/8/24 20:00	2.6	217	12.5	1010
9/8/24 21:00	3.2	209	12.0	1010
9/8/24 22:00	3.8	218	12.0	1010
9/8/24 23:00	3.3	223	11.9	1011
9/9/24 0:00	3.6	223	11.0	1011
9/9/24 1:00	3.5	231	11.0	1011
9/9/24 2:00	3.7	229	11.0	1011
9/9/24 3:00	1.2	117	9.4	1011
9/9/24 4:00	1.3	157	9.1	1012
9/9/24 5:00	1.2	152	10.9	1012
9/9/24 6:00	3.6	239	13.5	1013
9/9/24 7:00	3.8	240	16.0	1012
9/9/24 8:00	4.7	254	18.1	1012
9/9/24 9:00	5.5	262	19.7	1012
9/9/24 10:00	5.2	274	21.0	1011
9/9/24 11:00	4.9	272	22.0	1011
9/9/24 12:00	5.2	264	22.6	1011
9/9/24 13:00	6.0	284	23.0	1010
9/9/24 14:00	5.4	260	22.3	1010
9/9/24 15:00	4.2	250	21.7	1011
9/9/24 16:00	2.4	248	20.7	1011
9/9/24 17:00	1.7	210	18.9	1011
9/9/24 18:00	2.2	238	18.4	1011
9/9/24 19:00	2.6	243	17.3	1011
9/9/24 20:00	2.0	261	8.5	1012
9/9/24 21:00	0.4	46	14.6	1012
9/9/24 22:00	2.0	217	15.6	1012
9/9/24 23:00	1.9	243	15.4	1012
9/10/24 0:00	1.7	219	14.9	1012
9/10/24 1:00	0.3	49	14.6	1012
9/10/24 2:00	1.1	174	13.7	1012
9/10/24 3:00	2.3	274	13.0	1012
9/10/24 4:00	0.6	112	12.9	1013
9/10/24 5:00	1.9	265	14.4	1013

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (8/28/24 12:00 to 9/11/24 13:00)

9/10/24 6:00	1.6	227	17.3	1013
9/10/24 7:00	1.9	193	18.7	1013
9/10/24 8:00	4.1	293	20.5	1014
9/10/24 9:00	4.9	306	20.8	1014
9/10/24 10:00	4.9	303	21.2	1014
9/10/24 11:00	5.5	297	21.2	1013
9/10/24 12:00	4.7	319	21.0	1013
9/10/24 13:00	3.6	327	20.8	1013
9/10/24 14:00	2.3	310	20.9	1013
9/10/24 15:00	2.2	233	20.5	1014
9/10/24 16:00	2.1	144	17.7	1014
9/10/24 17:00	2.0	169	15.3	1015
9/10/24 18:00	1.5	171	14.6	1016
9/10/24 19:00	1.0	99	13.2	1016
9/10/24 20:00	1.9	274	11.7	1017
9/10/24 21:00	0.8	96	11.0	1017
9/10/24 22:00	0.2	25	10.1	1017
9/10/24 23:00	1.7	198	8.9	1017
9/11/24 0:00	0.5	83	9.1	1017
9/11/24 1:00	1.0	150	7.9	1018
9/11/24 2:00	1.3	194	7.5	1018
9/11/24 3:00	1.3	194	7.1	1019
9/11/24 4:00	1.6	217	8.3	1019
9/11/24 5:00	2.3	273	10.4	1020
9/11/24 6:00	2.1	271	13.3	1020
9/11/24 7:00	2.3	278	17.3	1020
9/11/24 8:00	3.4	253	20.6	1020
9/11/24 9:00	3.8	231	22.0	1020
9/11/24 10:00	3.2	210	23.2	1019
9/11/24 11:00	4.3	176	23.3	1019
9/11/24 12:00	3.3	220	23.3	1019
9/11/24 13:00	4.2	176	23.5	1019

PWM Wind Rose 8/28/24 12:00 - 9/11/24 13:00



SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
9/11/24 13:00	4.3	176	23.3	1019
9/11/24 14:00	4.7	181	23.3	1019
9/11/24 15:00	4.7	175	22.9	1018
9/11/24 16:00	5.2	179	21.5	1018
9/11/24 17:00	4.5	181	19.8	1018
9/11/24 18:00	3.6	183	18.4	1019
9/11/24 19:00	2.6	197	17.2	1019
9/11/24 20:00	2.2	209	17.0	1020
9/11/24 21:00	1.4	204	16.2	1020
9/11/24 22:00	1.3	194	15.1	1020
9/11/24 23:00	0.3	47	13.8	1020
9/12/24 0:00	0.6	97	12.8	1020
9/12/24 1:00	0.5	74	11.6	1020
9/12/24 2:00	0.4	57	10.9	1020
9/12/24 3:00	0.5	66	10.7	1020
9/12/24 4:00	ND	ND	10.3	1020
9/12/24 5:00	ND	ND	9.0	1021
9/12/24 6:00	0.6	111	8.9	1021
9/12/24 7:00	0.7	112	11.8	1021
9/12/24 8:00	ND	ND	15.5	1022
9/12/24 9:00	ND	ND	17.8	1022
9/12/24 10:00	0.2	4	20.6	1022
9/12/24 11:00	1.6	85	22.5	1022
9/12/24 12:00	3.9	142	22.3	1021
9/12/24 13:00	3.6	177	22.0	1021
9/12/24 14:00	3.9	179	22.5	1021
9/12/24 15:00	3.8	161	22.5	1021
9/12/24 16:00	3.9	164	22.1	1020
9/12/24 17:00	3.5	173	20.9	1020
9/12/24 18:00	2.6	177	19.4	1021
9/12/24 19:00	1.5	156	18.2	1021
9/12/24 20:00	1.6	169	18.0	1021
9/12/24 21:00	ND	ND	18.0	1021
9/12/24 22:00	ND	ND	16.7	1021
9/12/24 23:00	ND	ND	15.8	1021
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

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
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

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
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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

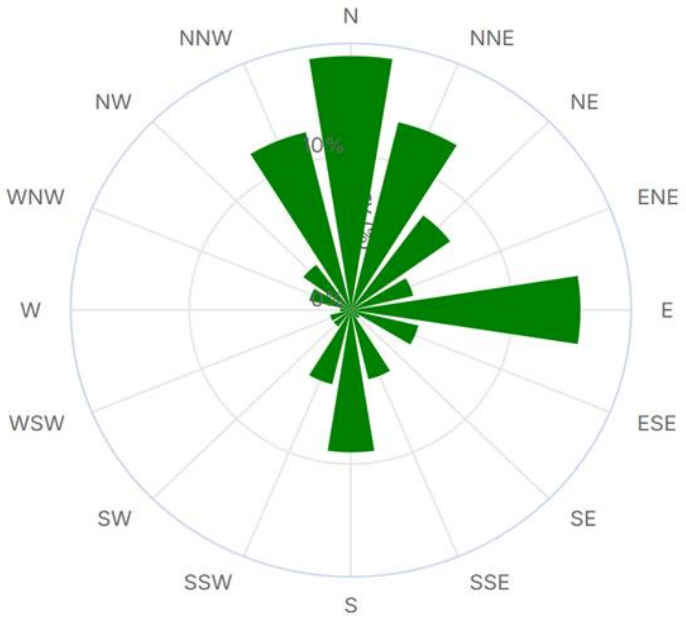
9/22/24 11:00	4.3	44	17.2	1017
9/22/24 12:00	5.2	79	17.3	1017
9/22/24 13:00	5.6	93	18.3	1017
9/22/24 14:00	5.9	96	17.0	1017
9/22/24 15:00	6.1	92	17.4	1017
9/22/24 16:00	6.7	90	17.4	1017
9/22/24 17:00	5.7	91	16.1	1017
9/22/24 18:00	3.1	89	14.0	1017
9/22/24 19:00	1.7	51	13.3	1017
9/22/24 20:00	0.7	11	13.0	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

SOUTH PORTLAND MAINE TERMINAL FENCELINE MONITORING

Portland International Jet Airport (PWM) Meteorological Data (9/11/24 13:00 to 9/25/24 10:00)

9/24/24 7:00	1.8	304	10.0	1020
9/24/24 8:00	2.4	128	13.0	1021
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
9/24/24 13:00	6.3	93	17.1	1021
9/24/24 14:00	6.7	94	17.3	1021
9/24/24 15:00	6.7	93	16.6	1021
9/24/24 16:00	5.1	102	16.1	1021
9/24/24 17:00	3.9	111	14.1	1021
9/24/24 18:00	3.3	99	13.2	1021
9/24/24 19:00	3.2	81	13.0	1021
9/24/24 20:00	2.7	76	12.4	1022
9/24/24 21:00	1.0	177	11.5	1022
9/24/24 22:00	1.2	206	10.6	1022
9/24/24 23:00	1.4	276	9.1	1022
9/25/24 0:00	0.9	206	9.0	1021
9/25/24 1:00	2.0	343	9.0	1021
9/25/24 2:00	1.1	235	9.7	1021
9/25/24 3:00	1.8	155	11.0	1021
9/25/24 4:00	1.4	276	11.0	1021
9/25/24 5:00	1.5	50	11.0	1021
9/25/24 6:00	1.5	309	11.0	1022
9/25/24 7:00	2.4	96	11.6	1022
9/25/24 8:00	2.1	101	12.6	1023
9/25/24 9:00	2.5	39	13.1	1023
9/25/24 10:00	2.6	56	14.1	1023

PWM Wind Rose 9/11/24 13:00 - 9/25/24 10:00



SOUTH PORTLAND TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,147 m
Terminal Fenceline Area = 20.4 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 95.8 m (± 9.5 m)

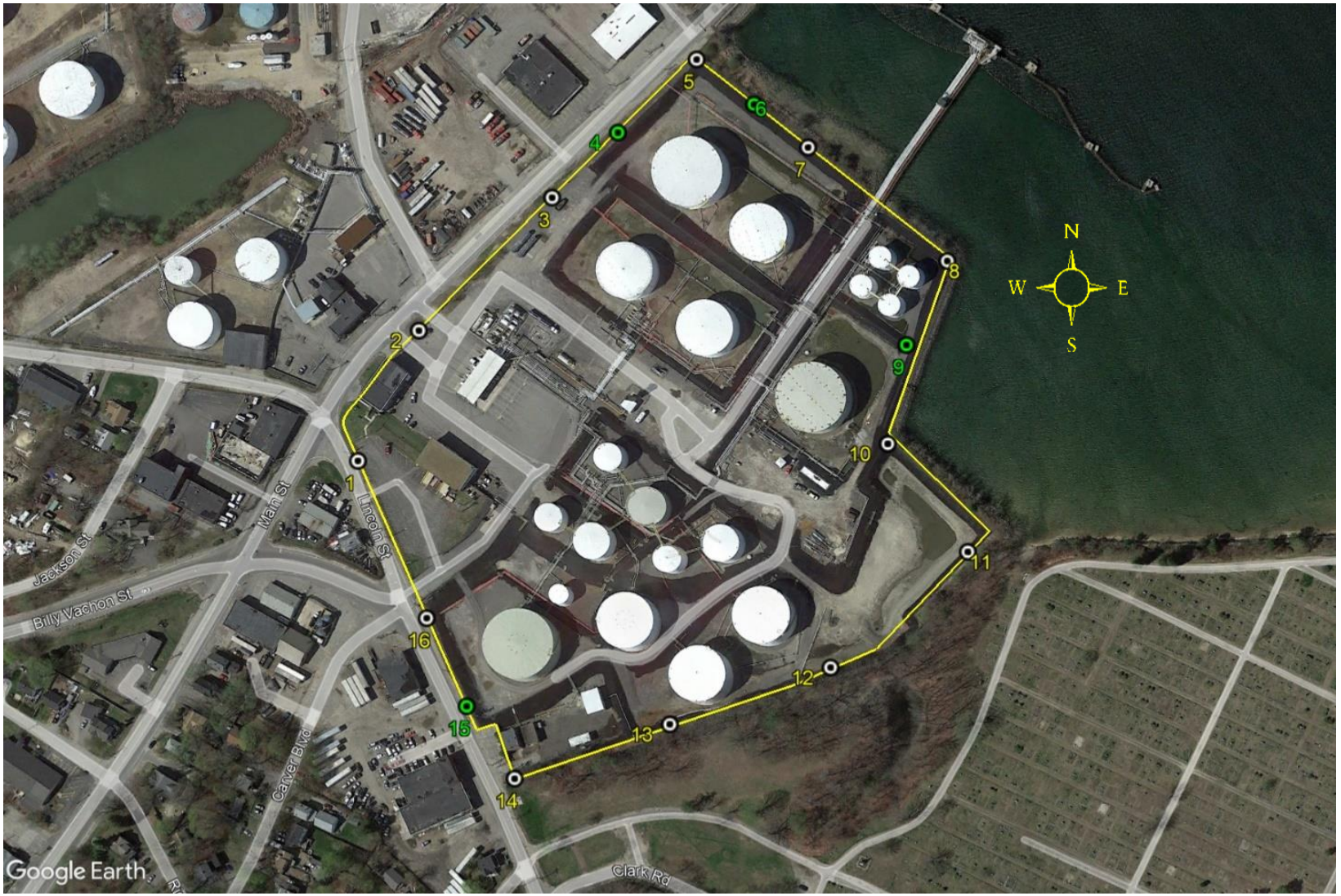
Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 1	BTEX	43.636634°	-70.285689°	to Site 16: 93.0 to Site 2: 87.8	Site 1 is on the fenceline near the westernmost section of the terminal. Site 1 is adjacent to the terminal parking lot and is approximately 30 m from the center of the intersection of Main and Lincoln Streets.
Site 2	BTEX	43.637263°	-70.285257°	to Site 1: 87.8 to Site 3: 101.6	Site 2 is on the terminal northwestern fenceline at the truck entrance/exit gates. Main St. runs SW to NE just outside the terminal fenceline and is approximately 8 m NW of Site 2. The Loading Rack Licensed Emissions Units are located approximately 36 m SW of Site 2 and the terminal fenceline.
Site 3	BTEX	43.637900°	-70.284429°	to Site 2: 101.6 to Site 4: 95.8	Site 3 is on the terminal northwestern fenceline that borders Main St. Licensed Emissions Unit Tank 28 is located approximately 41 m SE of Site 3. Tank 28 is <50 m from the terminal fenceline.
Site 4	BTEX	43.638236°	-70.283967°	to Site 3: 48.0 to Site 5: 47.8	Site 4 is an additional site and is located on the northwestern fenceline bordering Main St. and is located halfway between Sites 3 & 5. The additional Site 4 is required because licensed emission unit Tank 44 is located between Sites 3 and 5 and is <50 m from the fenceline.
Site 5	BTEX	43.638583°	-70.283422°	to Site 4: 95.8 to Site 6: 91.7	Site 5 is on the fenceline near the northernmost part of the terminal adjacent to the end of Main Street. Licensed Emissions Unit Tank 44 is located approximately 34 m to the south of Site 5.
Site 6	BTEX	43.638369°	-70.283051°	to Site 5: 45.9 to Site 7: 45.8	Site 6 is an additional site and is located on the northeastern fenceline bordering the Fore River and is located halfway between Sites 5 & 7. The additional Site 6 is required because licensed emission unit Tank 44 is located between Sites 5 and 7 and is <50 m from the fenceline.
Site 7	BTEX	43.638155°	-70.282682°	to Site 6: 91.7 to Site 8: 97.4	Site 7 is located on the northeastern fenceline bordering the Fore River. Licensed Emissions Unit Tank 38 is located approximately 34 m to the southwest of Site 7.
Site 8	BTEX	43.637624°	-70.281746°	to Site 7: 97.4 to Site 9: 95.3	Site 8 is located on the fenceline at the northeastern corner of the terminal, approximately 7 m from the shoreline of the Fore River. Licensed emission units Tanks 39, 40, 41 and 42 are in this area and are <50 m from fenceline.

SOUTH PORTLAND TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,147 m
Terminal Fenceline Area = 20.4 Acres
Monitor Location Method: EPA Method 325A Option 2
Spacing Between Monitors: 95.8 m (± 9.5 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distances To Adjacent Sites (m)	Notes
Site 9	BTEX	43.637193°	-70.282010°	to Site 8: 47.7 to Site 10: 47.5	Site 9 is an additional site and is located on the fenceline halfway between Sites 8 & 10. The additional Site 9 is required because licensed emission units Tanks 39 & 41 are located between Sites 8 and 10 and these tanks are <50 m from the fenceline. Site 9 was moved off the fenceline and up onto the dike wall for safety reasons.
Site 10	BTEX	43.636720°	-70.282152°	to Site 9: 95.3 to Site 11: 95.3	Site 10 is on the fenceline that defines the eastern boundary of the terminal, approximately 5 m from the shoreline of the Fore River. Licensed emission unit Tank 30 is in the immediate vicinity of Site 2 and is <50 m from fenceline.
Site 11	BTEX	43.636164°	-70.281616°	to Site 10: 95.3 to Site 12: 95.1	Site 11 is on the fenceline at the easternmost section of the terminal. Site 11 situated approximately 25 m from the Fore River shoreline.
Site 12	BTEX	43.635617°	-70.282542°	to Site 11: 95.1 to Site 13: 95.5	Site 12 is located on the southern fenceline of the terminal. Licensed emission unit Tank 37 is in the immediate vicinity of Site 12 and is <50 m from the fenceline.
Site13	BTEX	43.635330°	-70.283628°	to Site 12: 95.5 to Site 14: 99.4	Site 13 is located on the southern fenceline of the terminal. Licensed emission unit Tank 43 is in the immediate vicinity of Site 13 and is <50 m from the fenceline.
Site14	BTEX	43.635087°	-70.284642°	to Site 13: 99.4 to Site 15: 98.9	Site 14 is on the fenceline at the southernmost section of the terminal, bordering Lincoln St. Licensed emission unit Tank 32 is located approximately 44 m north from Site 14. Tank 32 is <50 m from the fenceline.
Site 15	BTEX	43.635420°	-70.284938°	to Site 14: 49.4 to Site 16: 49.5	Site 15 is an additional site and is located on the southwestern fenceline bordering Lincoln St. and is located halfway between Sites 14 & 16. The additional Site 15 is required because licensed emission unit Tank 32 is located between Sites 14 and 16 and is <50 m from the fenceline.
Site 16	BTEX	43.635860°	-70.285205°	to Site 15: 98.9 to Site 1: 93.0	Site 16 is located on the southwestern fenceline bordering Lincoln St. Licensed Emissions Unit Tank 32 is located approximately 35 m E-SE of Site 16. Tank 32 is <50 m from the fenceline.

Aerial View of the South Portland Terminal LLC Fenceline Monitoring Locations



APPENDIX A – LAB RESULTS

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 3

PROJ-031334

Analytical Report
(2024GD303)

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

Report Issued: 9/24/2024

ENTHALPY ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
BCKSP-1-S-20240828	B37540	1.35		0.857		2.44		0.931		4.56	
BCKSP-2-S-20240828	B48697	2.14		1.22		3.48		1.40		6.97	
BCKSP-3-S-20240828	B44949	2.73		1.92		4.75		1.85		9.92	
BCKSP-4-S-20240828	C17293	2.47		1.76		5.20		2.06		9.70	
BCKSP-5-S-20240828	B45069	3.65		1.98		5.60		2.29		13.0	
BCKSP-5-D-20240828	B49622	3.86		2.25		6.70		2.67		14.2	
BCKSP-5-B-20240828	C40689		ND		ND		ND		ND		ND
BCKSP-6-S-20240828	B34000	5.06		2.94		8.73		3.57		18.3	
BCKSP-7-S-20240828	B17400	7.16		4.03		11.6		4.73		24.8	E
BCKSP-8-S-20240828	B19724	10.7		4.70		13.9		5.48		31.0	E
BCKSP-9-S-20240828	C01665	4.94	I		ND		ND		ND	6.32	
BCKSP-10-S-20240828	C01677	7.54		3.58		11.0		4.38		24.3	E
BCKSP-11-S-20240828	B31783	4.27		1.99		5.63		2.28		14.4	
BCKSP-12-S-20240828	B47064	4.65		1.95		5.73		2.27		15.2	
BCKSP-13-S-20240828	C01504	3.67		1.91		5.21		2.05		11.9	
BCKSP-14-S-20240828	B18543	1.52		0.862		2.47		1.01		6.35	
BCKSP-14-D-20240828	C37050	1.55		1.00		2.42		0.952		5.97	
BCKSP-14-B-20240828	C01648		ND		ND		ND		ND		ND
BCKSP-15-S-20240828	B37235	1.14		0.726		1.96		0.793		3.86	
BCKSP-16-S-20240828	C02243	1.09		0.815		2.12		0.872		3.73	

E: Concentration exceeds the calibration range. The analyte result is an estimated value

I: Internal Standard recovery is outside acceptance limits

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

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240828	B37540	1.35	0.423	18.1	61.9	0.660	20235	0.187	0.373	0.0586	0.117	
BCKSP-2-S-20240828	B48697	2.14	0.670	28.6	61.9	0.661	20235	0.187	0.373	0.0586	0.117	
BCKSP-3-S-20240828	B44949	2.73	0.855	36.5	61.9	0.661	20242	0.187	0.373	0.0586	0.117	
BCKSP-4-S-20240828	C17293	2.47	0.773	33.0	61.9	0.661	20245	0.187	0.373	0.0586	0.117	
BCKSP-5-S-20240828	B45069	3.65	1.14	48.8	61.9	0.661	20251	0.187	0.373	0.0585	0.117	
BCKSP-5-D-20240828	B49622	3.86	1.21	51.6	61.9	0.661	20251	0.187	0.373	0.0585	0.117	
BCKSP-5-B-20240828	C40689				61.9	0.661	20251	0.187	0.373	0.0585	0.117	ND
BCKSP-6-S-20240828	B34000	5.06	1.59	67.7	61.9	0.661	20250	0.187	0.373	0.0585	0.117	
BCKSP-7-S-20240828	B17400	7.16	2.24	95.7	61.9	0.661	20250	0.187	0.373	0.0585	0.117	
BCKSP-8-S-20240828	B19724	10.7	3.35	143	61.9	0.661	20250	0.187	0.373	0.0585	0.117	
BCKSP-9-S-20240828	C01665	4.94	1.55	66.1	61.9	0.661	20245	0.187	0.373	0.0586	0.117	I
BCKSP-10-S-20240828	C01677	7.54	2.36	101	61.9	0.660	20240	0.187	0.373	0.0586	0.117	
BCKSP-11-S-20240828	B31783	4.27	1.34	57.1	61.9	0.660	20240	0.187	0.373	0.0586	0.117	
BCKSP-12-S-20240828	B47064	4.65	1.46	62.2	61.9	0.660	20240	0.187	0.373	0.0586	0.117	
BCKSP-13-S-20240828	C01504	3.67	1.15	49.1	61.9	0.660	20239	0.187	0.373	0.0586	0.117	
BCKSP-14-S-20240828	B18543	1.52	0.475	20.3	61.9	0.660	20237	0.187	0.373	0.0586	0.117	
BCKSP-14-D-20240828	C37050	1.55	0.484	20.7	61.9	0.660	20237	0.187	0.373	0.0586	0.117	
BCKSP-14-B-20240828	C01648				61.9	0.660	20237	0.187	0.373	0.0586	0.117	ND
BCKSP-15-S-20240828	B37235	1.14	0.358	15.3	61.9	0.660	20241	0.187	0.373	0.0586	0.117	
BCKSP-16-S-20240828	C02243	1.09	0.341	14.6	61.9	0.660	20242	0.187	0.373	0.0586	0.117	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240828	B37540	0.857	0.197	7.86	61.9	0.453	20235	0.272	0.565	0.0628	0.130	
BCKSP-2-S-20240828	B48697	1.22	0.281	11.2	61.9	0.453	20235	0.272	0.565	0.0628	0.130	
BCKSP-3-S-20240828	B44949	1.92	0.442	17.6	61.9	0.453	20242	0.272	0.564	0.0628	0.130	
BCKSP-4-S-20240828	C17293	1.76	0.405	16.2	61.9	0.453	20245	0.272	0.564	0.0628	0.130	
BCKSP-5-S-20240828	B45069	1.98	0.456	18.2	61.9	0.453	20251	0.272	0.564	0.0627	0.130	
BCKSP-5-D-20240828	B49622	2.25	0.518	20.6	61.9	0.453	20251	0.272	0.564	0.0627	0.130	
BCKSP-5-B-20240828	C40689				61.9	0.453	20251	0.272	0.564	0.0627	0.130	ND
BCKSP-6-S-20240828	B34000	2.94	0.677	27.0	61.9	0.453	20250	0.272	0.564	0.0627	0.130	
BCKSP-7-S-20240828	B17400	4.03	0.930	37.0	61.9	0.453	20250	0.272	0.564	0.0627	0.130	
BCKSP-8-S-20240828	B19724	4.70	1.08	43.1	61.9	0.453	20250	0.272	0.564	0.0627	0.130	
BCKSP-9-S-20240828	C01665				61.9	0.453	20245	0.272	0.564	0.0628	0.130	ND
BCKSP-10-S-20240828	C01677	3.58	0.825	32.8	61.9	0.453	20240	0.272	0.564	0.0628	0.130	
BCKSP-11-S-20240828	B31783	1.99	0.459	18.3	61.9	0.453	20240	0.272	0.564	0.0628	0.130	
BCKSP-12-S-20240828	B47064	1.95	0.449	17.9	61.9	0.453	20240	0.272	0.564	0.0628	0.130	
BCKSP-13-S-20240828	C01504	1.91	0.439	17.5	61.9	0.453	20239	0.272	0.564	0.0628	0.130	
BCKSP-14-S-20240828	B18543	0.862	0.199	7.91	61.9	0.453	20237	0.272	0.564	0.0628	0.130	
BCKSP-14-D-20240828	C37050	1.00	0.231	9.22	61.9	0.453	20237	0.272	0.564	0.0628	0.130	
BCKSP-14-B-20240828	C01648				61.9	0.453	20237	0.272	0.564	0.0628	0.130	ND
BCKSP-15-S-20240828	B37235	0.726	0.167	6.67	61.9	0.453	20241	0.272	0.564	0.0628	0.130	
BCKSP-16-S-20240828	C02243	0.815	0.188	7.48	61.9	0.453	20242	0.272	0.564	0.0628	0.130	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240828	B37540	2.44	0.562	22.4	61.9	0.453	20235	0.272	0.533	0.0628	0.123	
BCKSP-2-S-20240828	B48697	3.48	0.801	31.9	61.9	0.453	20235	0.272	0.533	0.0628	0.123	
BCKSP-3-S-20240828	B44949	4.75	1.09	43.6	61.9	0.453	20242	0.272	0.533	0.0628	0.123	
BCKSP-4-S-20240828	C17293	5.20	1.20	47.8	61.9	0.453	20245	0.272	0.533	0.0628	0.123	
BCKSP-5-S-20240828	B45069	5.60	1.29	51.4	61.9	0.453	20251	0.272	0.533	0.0627	0.123	
BCKSP-5-D-20240828	B49622	6.70	1.54	61.5	61.9	0.453	20251	0.272	0.533	0.0627	0.123	
BCKSP-5-B-20240828	C40689				61.9	0.453	20251	0.272	0.533	0.0627	0.123	ND
BCKSP-6-S-20240828	B34000	8.73	2.01	80.2	61.9	0.453	20250	0.272	0.533	0.0627	0.123	
BCKSP-7-S-20240828	B17400	11.6	2.68	107	61.9	0.453	20250	0.272	0.533	0.0627	0.123	
BCKSP-8-S-20240828	B19724	13.9	3.21	128	61.9	0.453	20250	0.272	0.533	0.0627	0.123	
BCKSP-9-S-20240828	C01665				61.9	0.453	20245	0.272	0.533	0.0628	0.123	ND
BCKSP-10-S-20240828	C01677	11.0	2.54	101	61.9	0.453	20240	0.272	0.533	0.0628	0.123	
BCKSP-11-S-20240828	B31783	5.63	1.30	51.7	61.9	0.453	20240	0.272	0.533	0.0628	0.123	
BCKSP-12-S-20240828	B47064	5.73	1.32	52.6	61.9	0.453	20240	0.272	0.533	0.0628	0.123	
BCKSP-13-S-20240828	C01504	5.21	1.20	47.8	61.9	0.453	20239	0.272	0.533	0.0628	0.123	
BCKSP-14-S-20240828	B18543	2.47	0.570	22.7	61.9	0.453	20237	0.272	0.533	0.0628	0.123	
BCKSP-14-D-20240828	C37050	2.42	0.558	22.2	61.9	0.453	20237	0.272	0.533	0.0628	0.123	
BCKSP-14-B-20240828	C01648				61.9	0.453	20237	0.272	0.533	0.0628	0.123	ND
BCKSP-15-S-20240828	B37235	1.96	0.451	18.0	61.9	0.453	20241	0.272	0.533	0.0628	0.123	
BCKSP-16-S-20240828	C02243	2.12	0.489	19.5	61.9	0.453	20242	0.272	0.533	0.0628	0.123	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240828	B37540	0.931	0.215	8.54	61.9	0.453	20235	0.272	0.556	0.0628	0.128	
BCKSP-2-S-20240828	B48697	1.40	0.322	12.8	61.9	0.453	20235	0.272	0.556	0.0628	0.128	
BCKSP-3-S-20240828	B44949	1.85	0.427	17.0	61.9	0.453	20242	0.272	0.556	0.0628	0.128	
BCKSP-4-S-20240828	C17293	2.06	0.475	18.9	61.9	0.453	20245	0.272	0.556	0.0628	0.128	
BCKSP-5-S-20240828	B45069	2.29	0.527	21.0	61.9	0.453	20251	0.272	0.556	0.0627	0.128	
BCKSP-5-D-20240828	B49622	2.67	0.616	24.6	61.9	0.453	20251	0.272	0.556	0.0627	0.128	
BCKSP-5-B-20240828	C40689				61.9	0.453	20251	0.272	0.556	0.0627	0.128	ND
BCKSP-6-S-20240828	B34000	3.57	0.823	32.8	61.9	0.453	20250	0.272	0.556	0.0627	0.128	
BCKSP-7-S-20240828	B17400	4.73	1.09	43.4	61.9	0.453	20250	0.272	0.556	0.0627	0.128	
BCKSP-8-S-20240828	B19724	5.48	1.26	50.3	61.9	0.453	20250	0.272	0.556	0.0627	0.128	
BCKSP-9-S-20240828	C01665				61.9	0.453	20245	0.272	0.556	0.0628	0.128	ND
BCKSP-10-S-20240828	C01677	4.38	1.01	40.2	61.9	0.453	20240	0.272	0.556	0.0628	0.128	
BCKSP-11-S-20240828	B31783	2.28	0.525	20.9	61.9	0.453	20240	0.272	0.556	0.0628	0.128	
BCKSP-12-S-20240828	B47064	2.27	0.522	20.8	61.9	0.453	20240	0.272	0.556	0.0628	0.128	
BCKSP-13-S-20240828	C01504	2.05	0.473	18.8	61.9	0.453	20239	0.272	0.556	0.0628	0.128	
BCKSP-14-S-20240828	B18543	1.01	0.232	9.24	61.9	0.453	20237	0.272	0.556	0.0628	0.128	
BCKSP-14-D-20240828	C37050	0.952	0.219	8.74	61.9	0.453	20237	0.272	0.556	0.0628	0.128	
BCKSP-14-B-20240828	C01648				61.9	0.453	20237	0.272	0.556	0.0628	0.128	ND
BCKSP-15-S-20240828	B37235	0.793	0.183	7.28	61.9	0.453	20241	0.272	0.556	0.0628	0.128	
BCKSP-16-S-20240828	C02243	0.872	0.201	8.01	61.9	0.453	20242	0.272	0.556	0.0628	0.128	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240828	B37540	4.56	1.21	47.3	61.9	0.513	20235	0.241	0.520	0.0640	0.138	
BCKSP-2-S-20240828	B48697	6.97	1.85	72.3	61.9	0.513	20235	0.241	0.520	0.0640	0.138	
BCKSP-3-S-20240828	B44949	9.92	2.63	103	61.9	0.513	20242	0.241	0.519	0.0640	0.138	
BCKSP-4-S-20240828	C17293	9.70	2.57	101	61.9	0.513	20245	0.241	0.519	0.0640	0.138	
BCKSP-5-S-20240828	B45069	13.0	3.45	135	61.9	0.513	20251	0.241	0.519	0.0639	0.138	
BCKSP-5-D-20240828	B49622	14.2	3.78	148	61.9	0.513	20251	0.241	0.519	0.0639	0.138	
BCKSP-5-B-20240828	C40689				61.9	0.513	20251	0.241	0.519	0.0639	0.138	ND
BCKSP-6-S-20240828	B34000	18.3	4.87	190	61.9	0.513	20250	0.241	0.519	0.0639	0.138	
BCKSP-7-S-20240828	B17400	24.8	6.57	257	61.9	0.513	20250	0.241	0.519	0.0639	0.138	E
BCKSP-8-S-20240828	B19724	31.0	8.22	321	61.9	0.513	20250	0.241	0.519	0.0639	0.138	E
BCKSP-9-S-20240828	C01665	6.32	1.68	65.6	61.9	0.513	20245	0.241	0.519	0.0640	0.138	
BCKSP-10-S-20240828	C01677	24.3	6.45	252	61.9	0.513	20240	0.241	0.519	0.0640	0.138	E
BCKSP-11-S-20240828	B31783	14.4	3.83	150	61.9	0.513	20240	0.241	0.519	0.0640	0.138	
BCKSP-12-S-20240828	B47064	15.2	4.04	158	61.9	0.513	20240	0.241	0.519	0.0640	0.138	
BCKSP-13-S-20240828	C01504	11.9	3.16	124	61.9	0.513	20239	0.241	0.519	0.0640	0.138	
BCKSP-14-S-20240828	B18543	6.35	1.69	65.9	61.9	0.513	20237	0.241	0.519	0.0640	0.138	
BCKSP-14-D-20240828	C37050	5.97	1.59	62.0	61.9	0.513	20237	0.241	0.519	0.0640	0.138	
BCKSP-14-B-20240828	C01648				61.9	0.513	20237	0.241	0.519	0.0640	0.138	ND
BCKSP-15-S-20240828	B37235	3.86	1.02	40.0	61.9	0.513	20241	0.241	0.519	0.0640	0.138	
BCKSP-16-S-20240828	C02243	3.73	0.989	38.7	61.9	0.513	20242	0.241	0.519	0.0640	0.138	

E: Concentration exceeds the calibration range. The analyte result is an estimated value
I: Internal Standard recovery is outside acceptance limits
ND: The analyte was not present above the Method Detection Limit

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20240828	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20240828	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20240828	5.6%	Pass	13%	Pass	18%	Pass	16%	Pass	9.2%	Pass
	BCKSP-14-D-20240828	1.9%	Pass	15%	Pass	2.0%	Pass	5.5%	Pass	6.1%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD303

Custody	Enthalpy Analytical, LLC received the sample tubes on 9/13/24. The samples were received in good condition at a temperature of 21.4 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-MTD) 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	After the initial analysis of sample BCKSP-9-S-20240828 a shift in the instrument response was observed. The CCV that followed this sample did not meet internal standard recovery criteria for Toluene-d8 when compared with the CAL CCV that was analyzed at the start of the analytical sequence. Due to the shift in the instrument response, it was determined that using this CCV as a new CAL CCV for the quantitation of the samples that followed would provide the most accurate data. The Toluene-d8 recovery being outside of limits for this CCV is inconsequential to the samples. The lab attempted twice to analyze sample BCKSP-9-20240828 (tube ID C01665). An unknown interferant resulted in abnormal chromatography during the first analysis. The second analysis was used for reporting, however, the Benzene-d6 internal standard did not meet recovery criteria. The benzene result for this sample is flagged with “I” to denote the internal standard failure.
Reporting Notes	Samples BCKSP-7-S-20240828 (tube ID B17400) BCKSP-8-S-20240828 (tube ID B19724) and BCKSP-10-S-20240828 (tube ID C01677) exhibited

Enthalpy Analytical Narrative Summary
(continued)

a catch mass that exceeded the calibration range for toluene, should be considered estimated, and have been flagged “E” to denote this.

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

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

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

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

Sample Custody

2024GD303

ENTHALPY ANALYTICAL

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:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROS-031334
City:	So Portland	Project Manager:	Haig Brochu
State	Maine	Email Address:	haigbrochu@Montrose-env.com
Zip:	04106	Telephone #:	207-441-0025

PO#:
Sample Event #
Sorbent:

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	B37590	S	8/28/24	11:30	9/11/24	12:45	HFB / HFB		
2	B48697	S	8/28/24	11:35	9/11/24	12:50	HFB / HFB		
3	B44949	S	8/28/24	11:58	9/11/24	13:00	HFB / HFB		
4	C17293	S	8/28/24	11:40	9/11/24	13:05	HFB / HFB		
5	B45069	S	8/28/24	11:44	9/11/24	13:15	HFB / HFB		
5	B49622	D	8/28/24	11:44	9/11/24	13:15	HFB / HFB		
5	C40689	B	8/28/24	11:44	9/11/24	13:15	HFB / HFB		
6	B34000	S	8/28/24	11:50	9/11/24	13:20	HFB / HFB		

Relinquished By (printed): Haig F Brochu	Relinquished By (signature):	Relinquished Date: 9/11/2024	Relinquished Time: 16:55
Recieved By (printed): Abby Browning	Recieved By (signature): Abby Browning	Receipt Date: 9/13/24	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 Fluke 7A	Add Custody Seal # below: 24A02421	

Comments:

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

2024GD303

ENTHALPY ANALYTICAL

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:	Buckeye So Portland	Client Name:	Montrose AIR	PO#:	
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334	Sample Event #	
City:	So. Portland	Project Manager:	Haig Brown	Sorbent:	
State	Maine	Email Address:	haig.brown@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	B17400	S	8/28/24	11:55	9/11/24	13:25	HFB / HFB		
8	B19724	S	8/28/24	12:00	9/11/24	13:30	HFB / HFB		
9	C01665	S	8/28/24	12:10	9/11/24	13:35	HFB / HFB		
10	C01677	S	8/28/24	12:20	9/11/24	13:40	HFB / HFB		
11	B31783	S	8/28/24	12:25	9/11/24	13:45	HFB / HFB		
12	B47064	S	8/28/24	12:30	9/11/24	13:50	HFB / HFB		
13	C01504	S	8/28/24	12:34	9/11/24	13:53	HFB / HFB		
14	B18543	S	8/28/24	12:39	9/11/24	13:56	HFB / HFB		

Relinquished By (printed): Haig Brown	Relinquished By (signature):	Relinquished Date: 9/11/2024	Relinquished Time: 16:55
Recieved By (printed): Abby Browning	Recieved By (signature): Abby B	Receipt Date: 9/12/24	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 Fluke 7A	Add Custody Seal # below: 24A02421	

Comments:

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

2024GD303

ENTHALPY ANALYTICAL

EPA Method 325 A/B 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:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROS-031334
City:	So Portland	Project Manager:	Haig Brochu
State	Maine	Email Address:	haigbrochu@montrose-env.com
Zip:	04106	Telephone #:	207-441 0025

PO#:
Sample Event #
Sorbent:

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)
14	C37050	D	8/28/24	12:39	9/11/24	13:56	HFB / HFB		
14	C01648	B	8/28/24	12:39	9/11/24	13:56	HFB / HFB		
15	B37235	S	8/28/24	12:44	9/11/24	14:05	HFB / HFB		
16	C02243	S	8/28/24	12:48	9/11/24	14:10	HFB / HFB		
							/		
							/		
							/		
							/		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Haig Brochu		9/11/2024	16:55
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
Abby Browning	Abby B	9/12/24	10:00
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Yes	
Ice Temp: / Blank Temp: 21.4 / Fluke 7A		Add Custody Seal # below: 24A02421	

Comments:

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Sample Chromatograms

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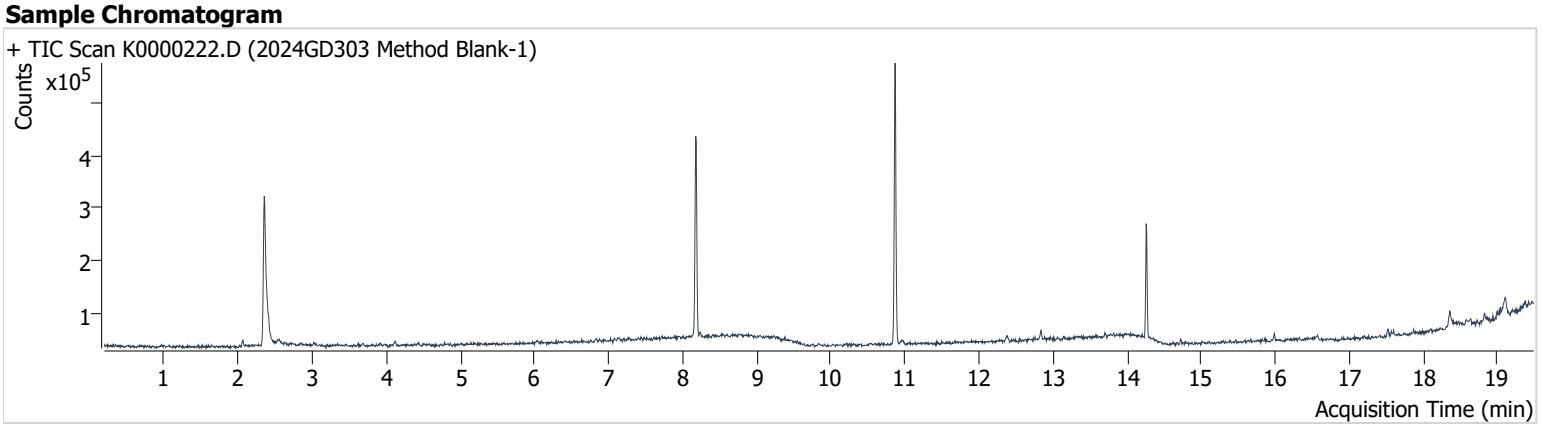
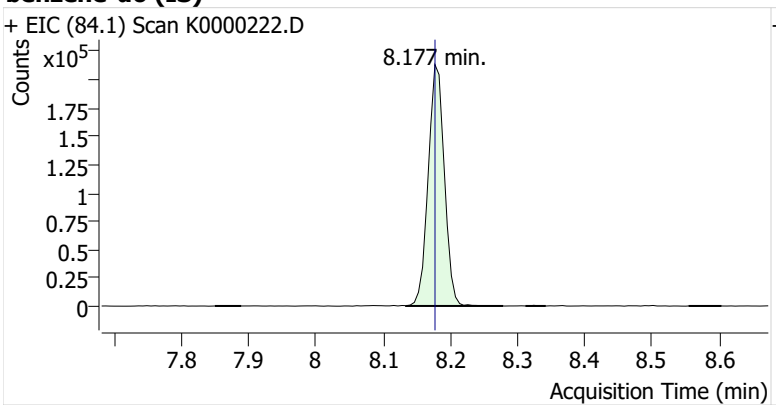
Name	2024GD303 Method Blank-1
Comment	C40179; Recollect
Data File	K0000222.D
Acq. Date-Time	9/17/2024 12:37:10 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

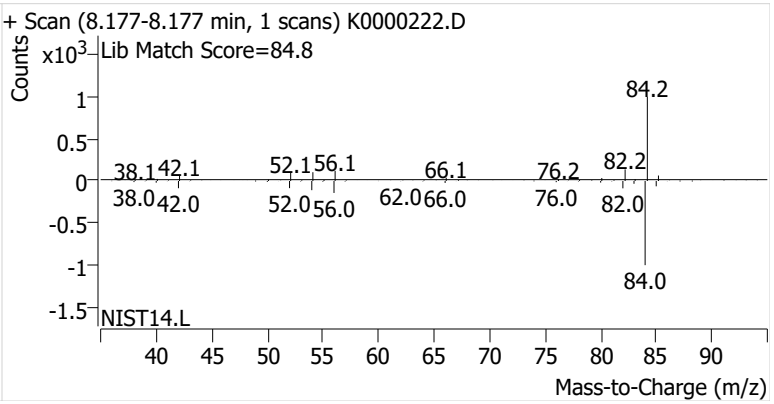
Sample Chromatogram



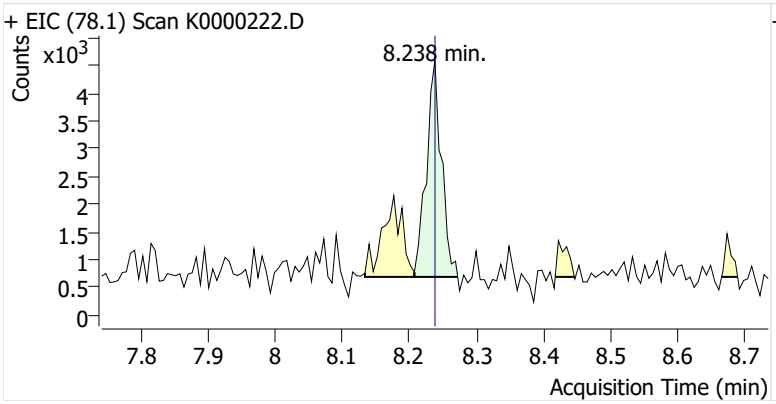
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	356,441	
Benzene	benzene-d6 (IS)	8.238	8.238	6,068	
Toluene-d8 (IS)		10.869	10.869	335,234	
Toluene	Toluene-d8 (IS)	10.960	10.967	5,785	m
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	1,897	
m-/p-Xylene	Toluene-d8 (IS)	13.328	13.340	2,086	
o-Xylene	Toluene-d8 (IS)	13.824	13.818	1,183	

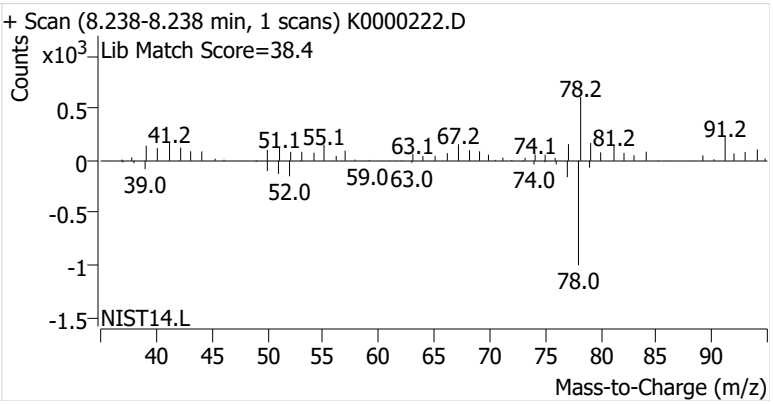
benzene-d6 (IS)



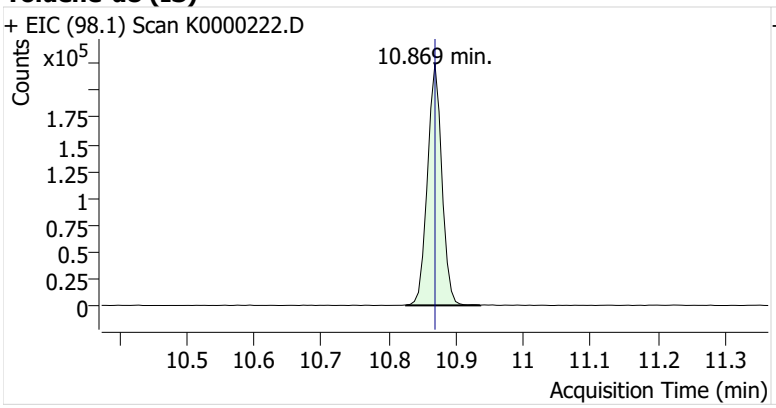


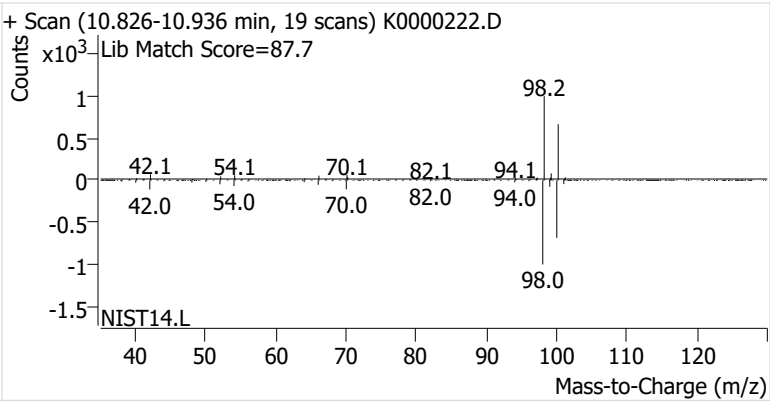
Benzene



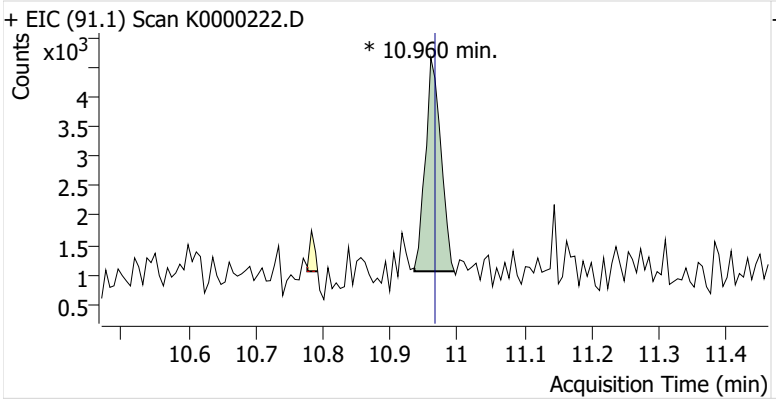


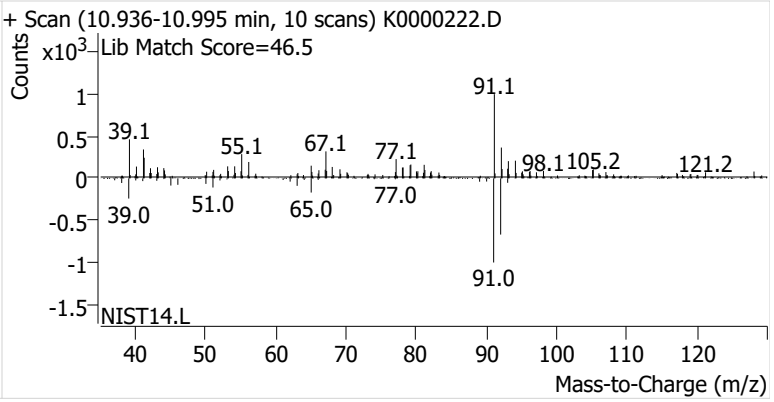
Toluene-d8 (IS)



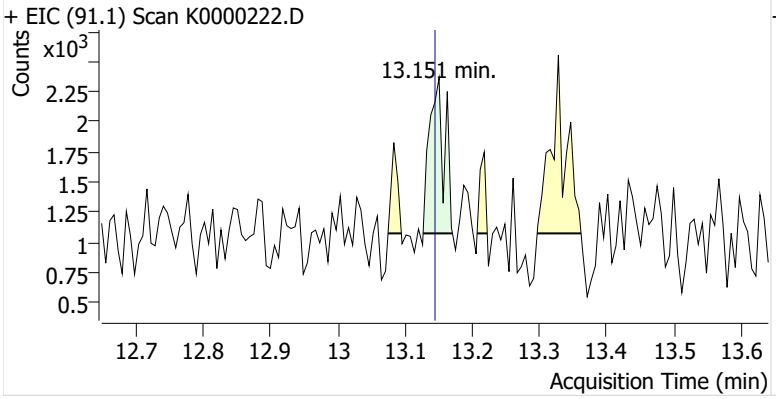


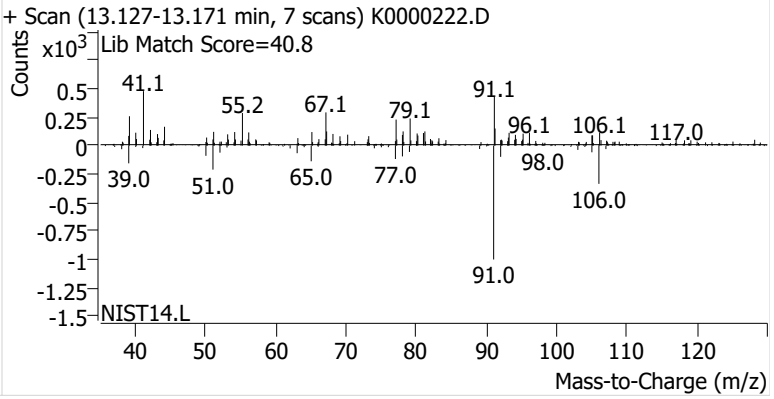
Toluene



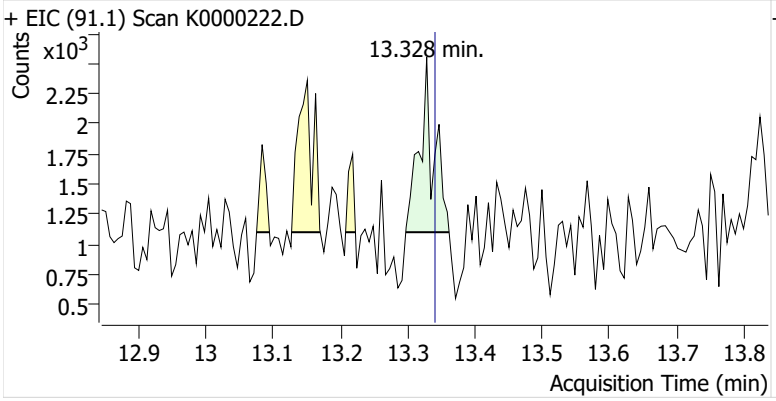


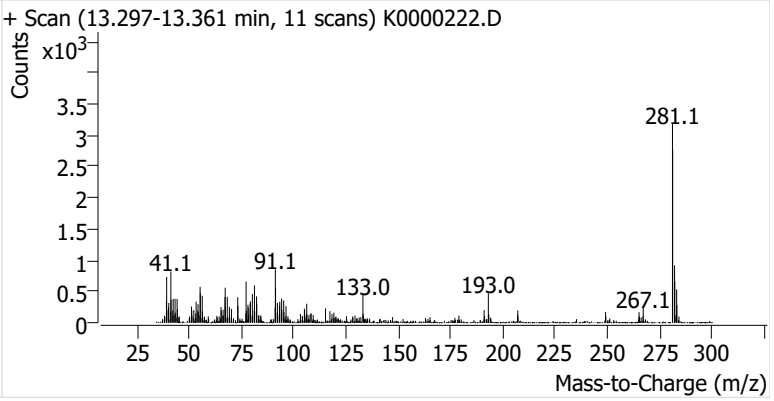
Ethylbenzene



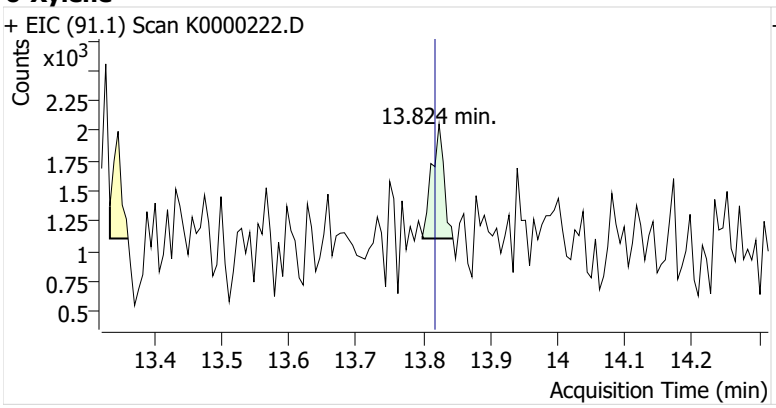


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000222.D
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2
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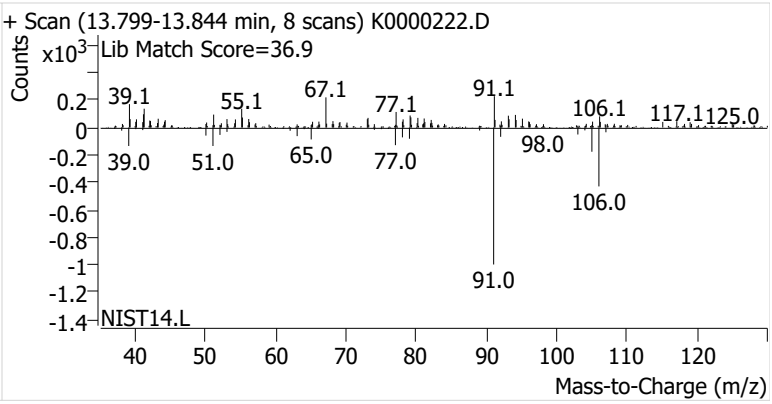
1.5
1.25
1
0.75
0.5
13.824 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.799-13.844 min, 8 scans) K0000222.D
Lib Match Score=36.9
Counts
x10^3
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0
-0.2
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55.1
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77.1
91.1
106.1
117.1
125.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
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50
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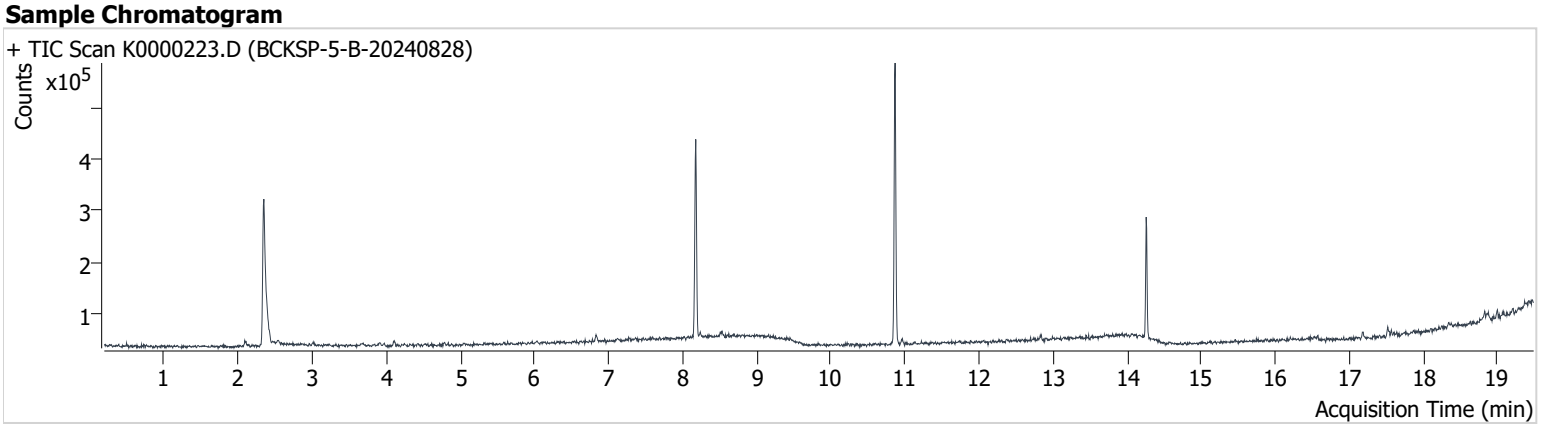
70
80
90
100
110
120
Mass-to-Charge (m/z)

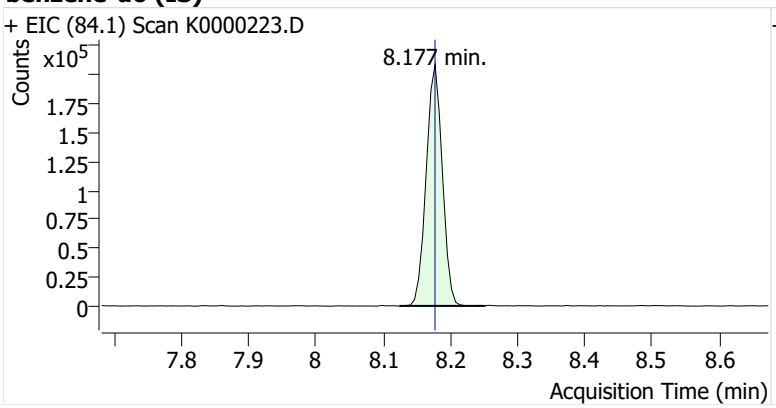
Name	BCKSP-5-B-20240828
Comment	C40689; Recollect
Data File	K0000223.D
Acq. Date-Time	9/17/2024 1:03:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

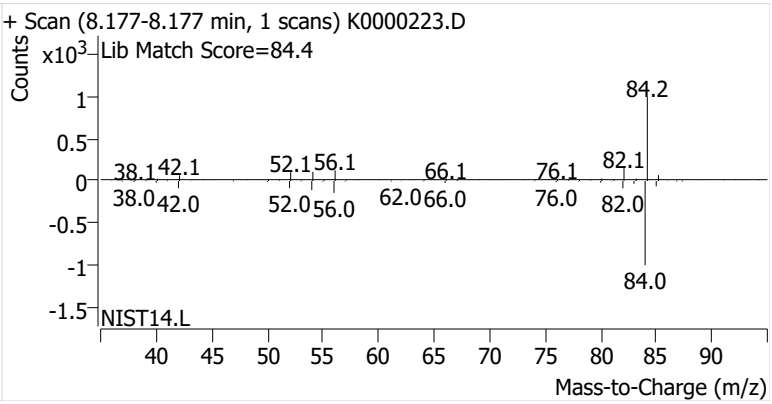
Sample Chromatogram



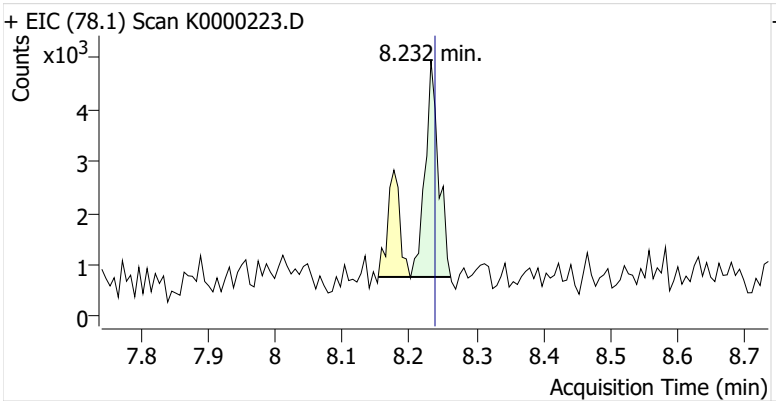
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	347,419	
Benzene	benzene-d6 (IS)	8.232	8.238	5,683	
Toluene-d8 (IS)		10.869	10.869	346,918	
Toluene	Toluene-d8 (IS)	10.961	10.967	5,381	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	1,243	
m-/p-Xylene	Toluene-d8 (IS)	13.444	13.340	283	
o-Xylene	Toluene-d8 (IS)	13.799	13.818	360	

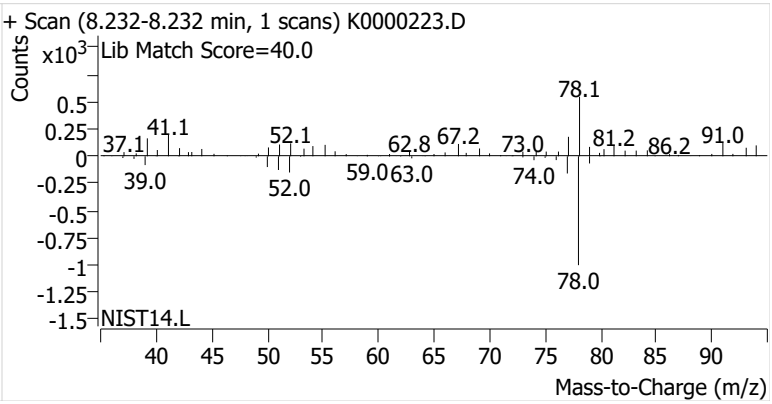
benzene-d6 (IS)



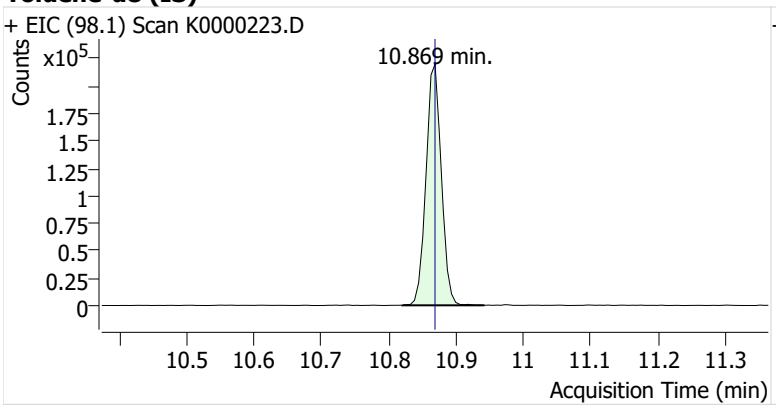


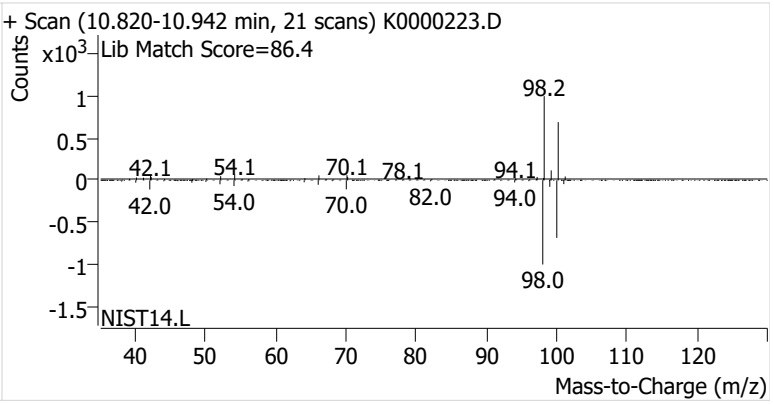
Benzene



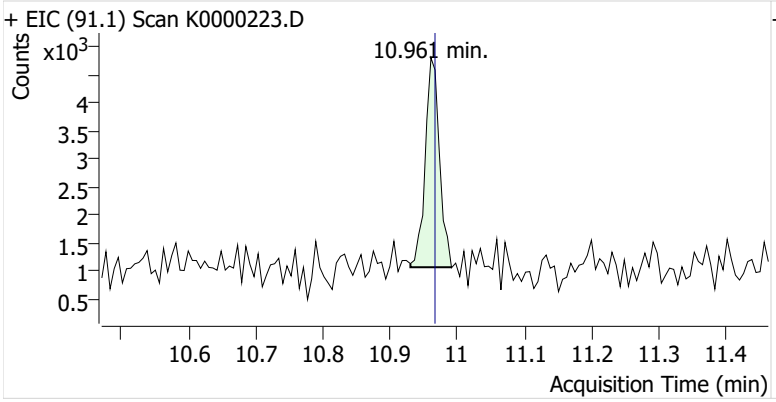


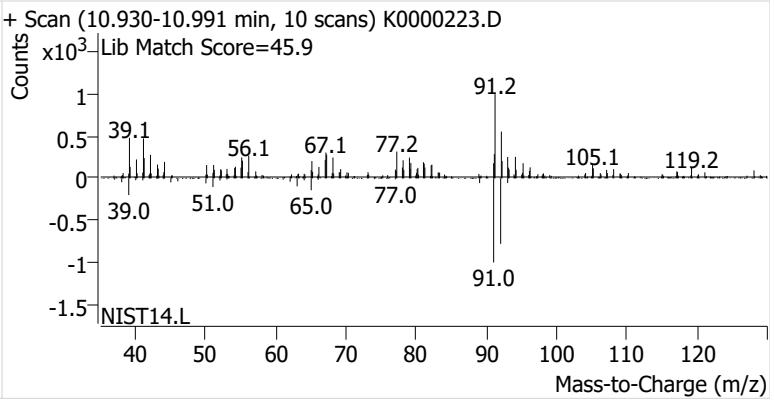
Toluene-d8 (IS)



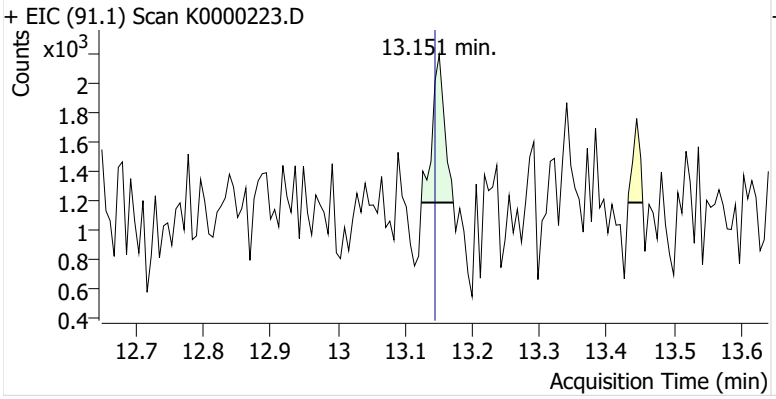


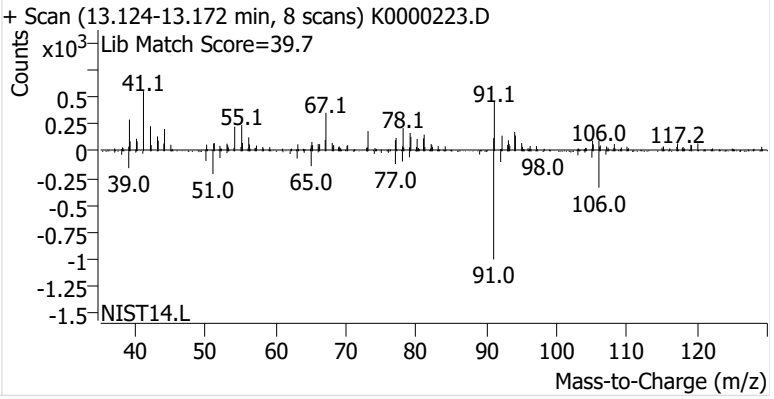
Toluene



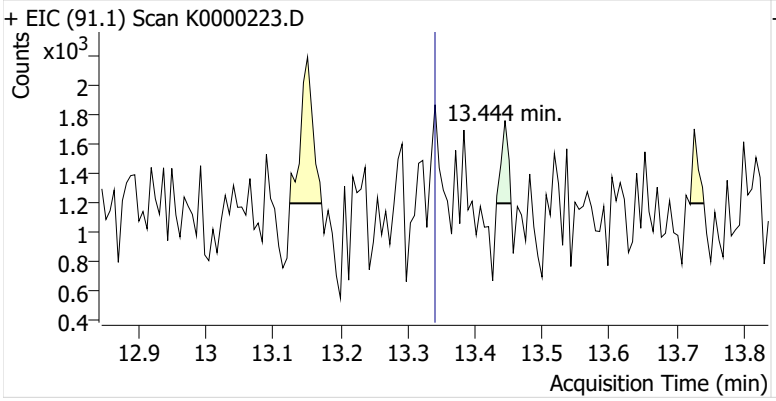


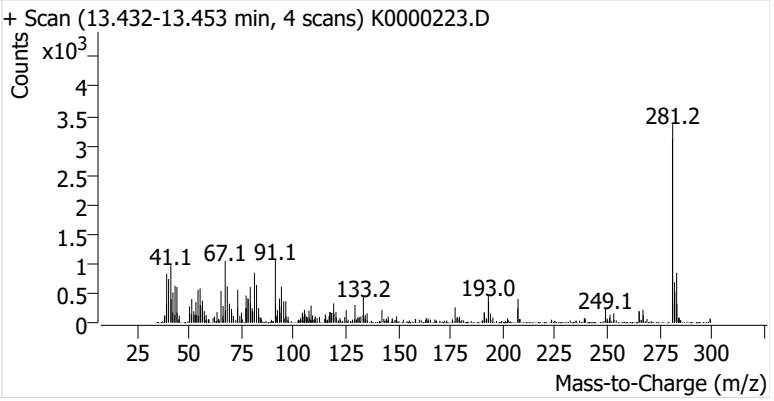
Ethylbenzene



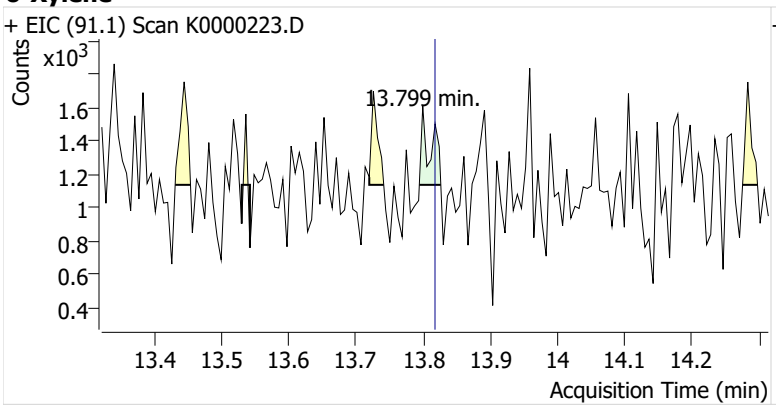


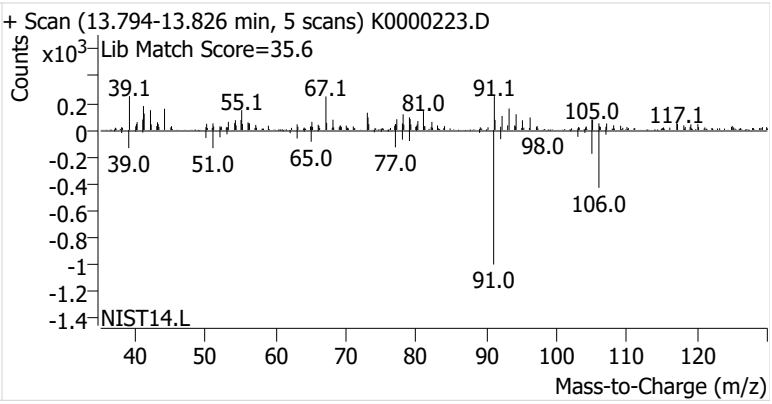
m-/p-Xylene





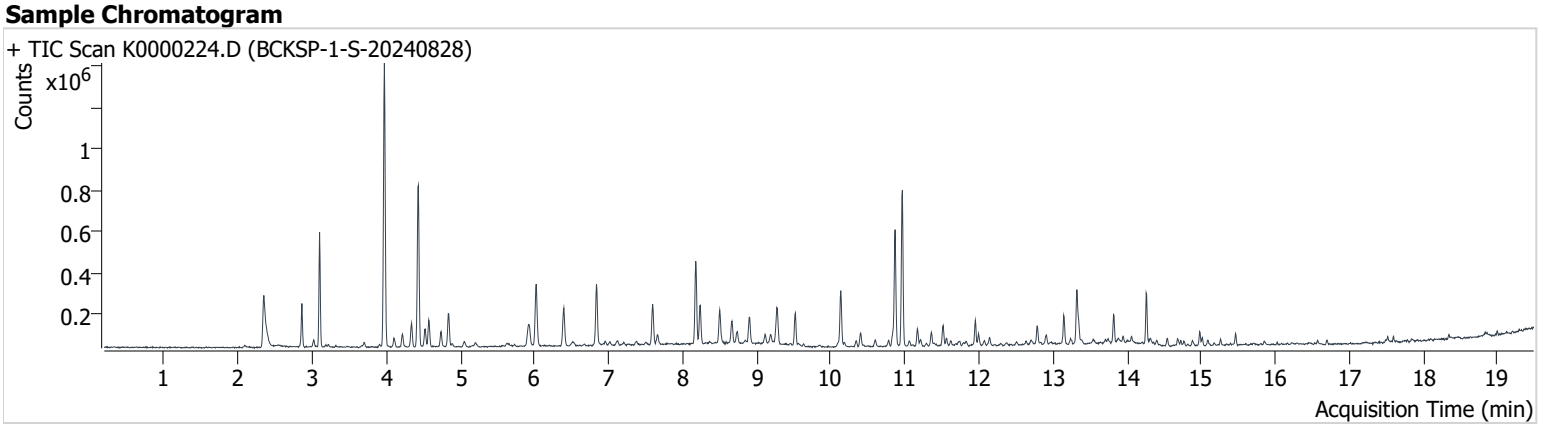
o-Xylene


+ EIC (91.1) Scan K0000223.D
Counts
x10^3
1.6
1.4
1.2
1
0.8
0.6
0.4
13.799 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.794-13.826 min, 5 scans) K0000223.D
Lib Match Score=35.6
Counts
x10^3
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
39.1
55.1
67.1
81.0
91.1
105.0
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

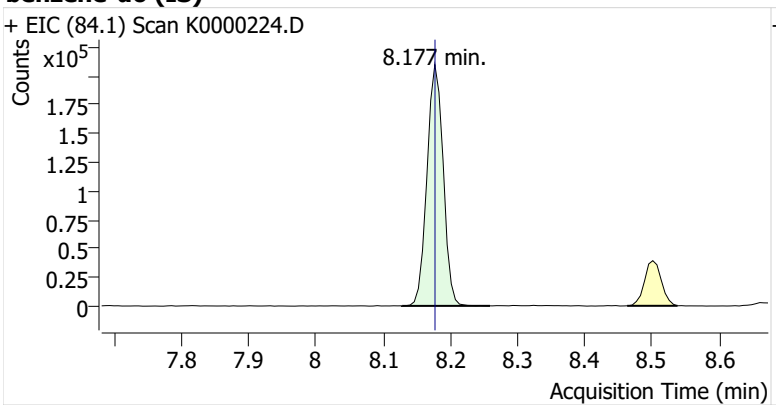
Name	BCKSP-1-S-20240828
Comment	B37540; Recollect
Data File	K0000224.D
Acq. Date-Time	9/17/2024 1:30:37 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

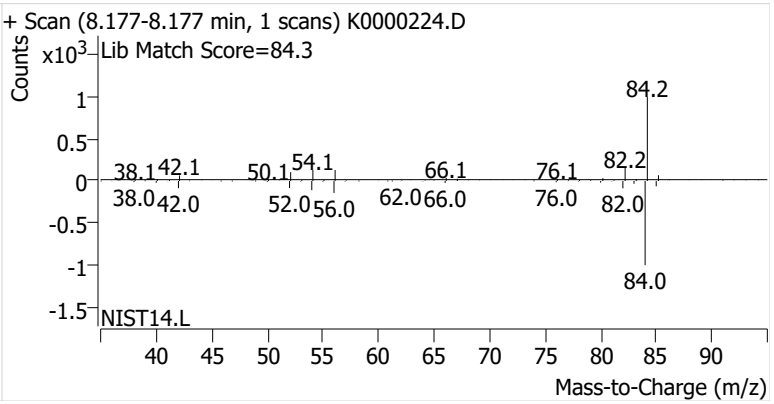
Sample Chromatogram



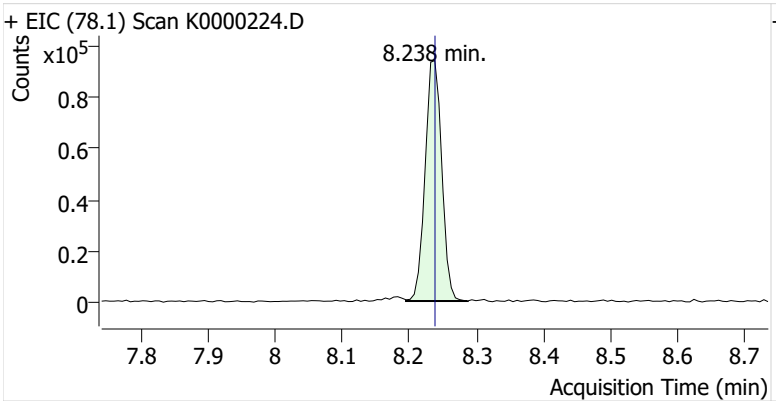
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	351,583	
Benzene	benzene-d6 (IS)	8.238	8.238	160,787	
Toluene-d8 (IS)		10.869	10.869	358,915	
Toluene	Toluene-d8 (IS)	10.966	10.967	499,758	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	90,871	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	189,694	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	70,665	

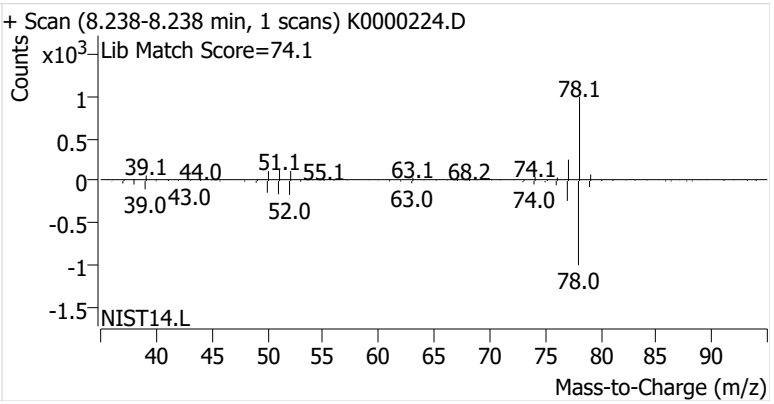
benzene-d6 (IS)



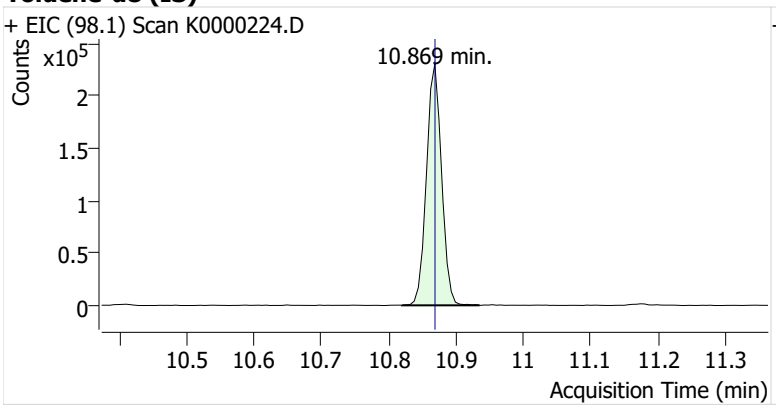


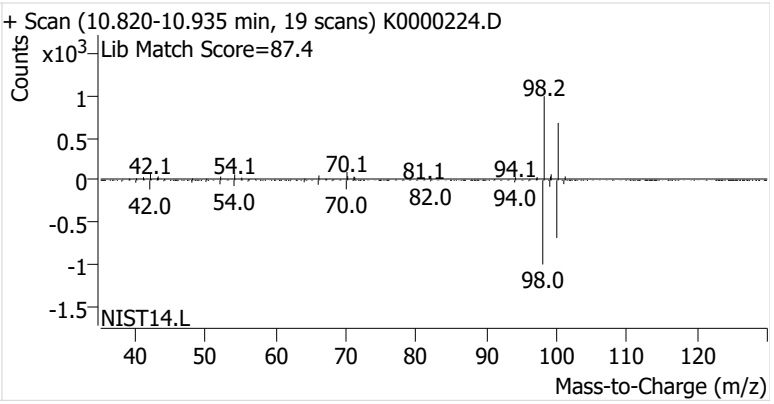
Benzene



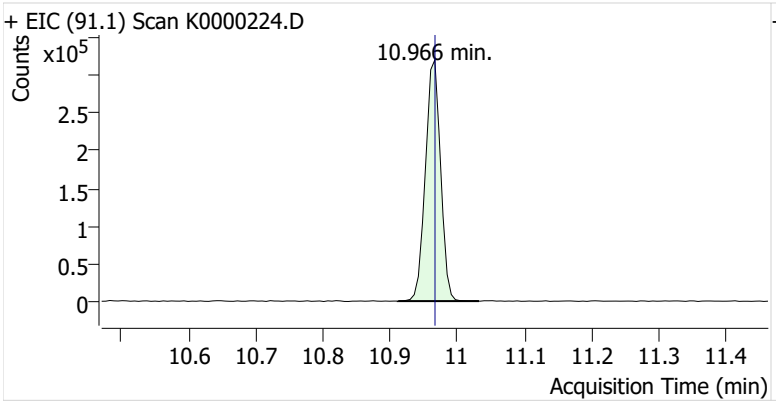


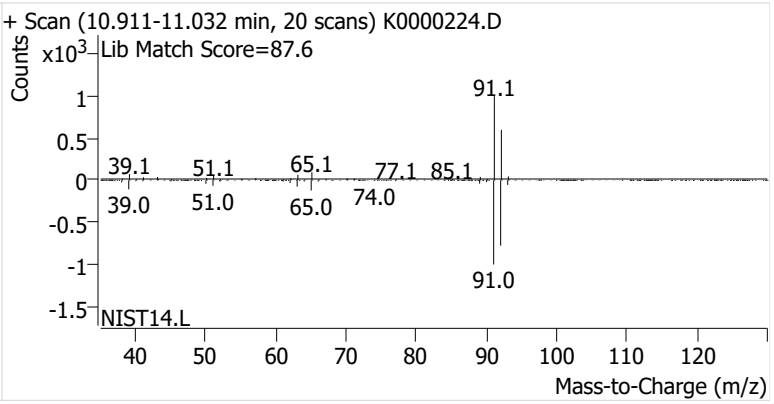
Toluene-d8 (IS)



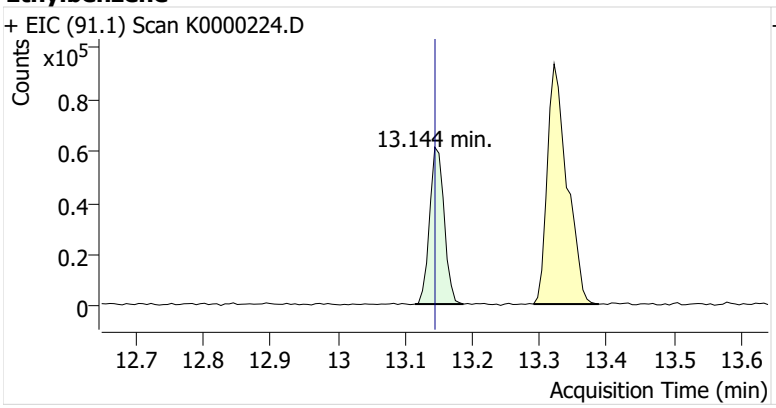


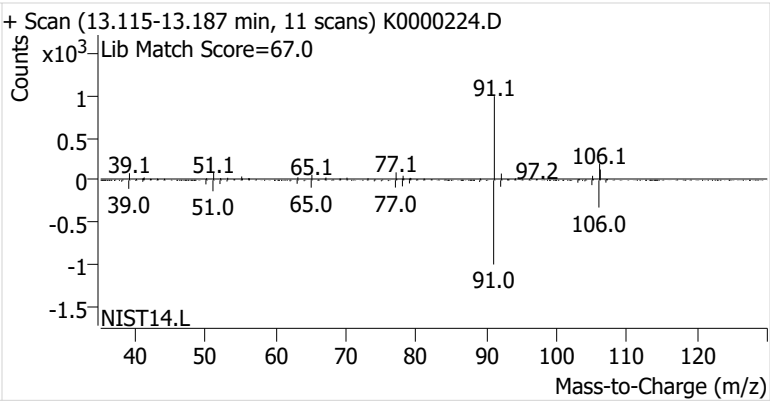
Toluene



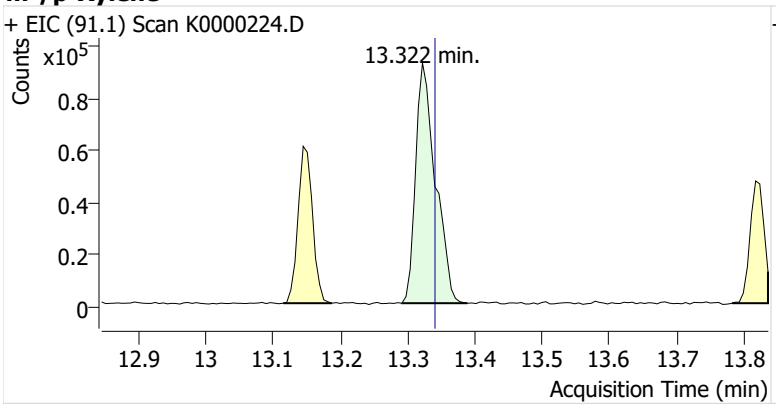


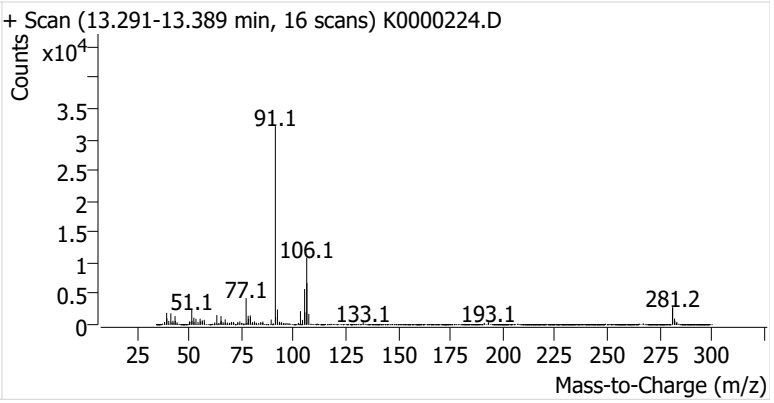
Ethylbenzene



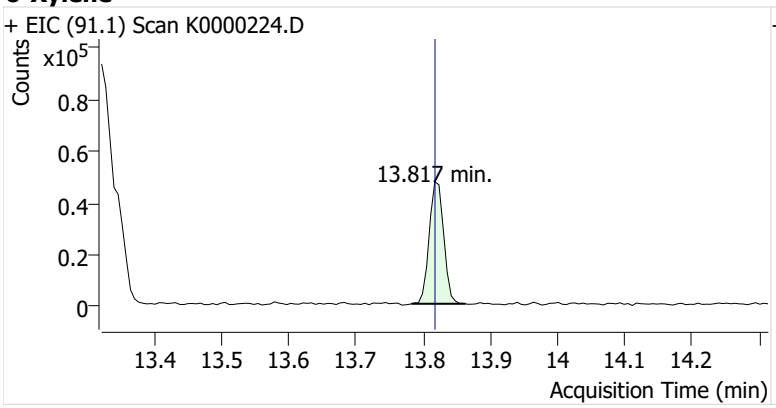


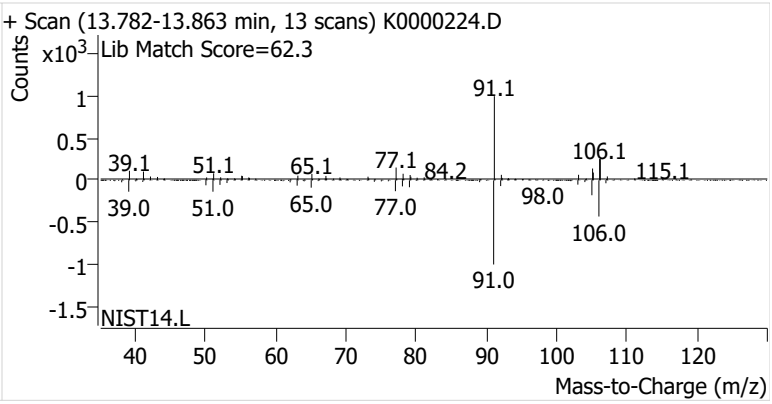
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000224.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.817 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.782-13.863 min, 13 scans) K0000224.D
Lib Match Score=62.3
Counts
x10^3
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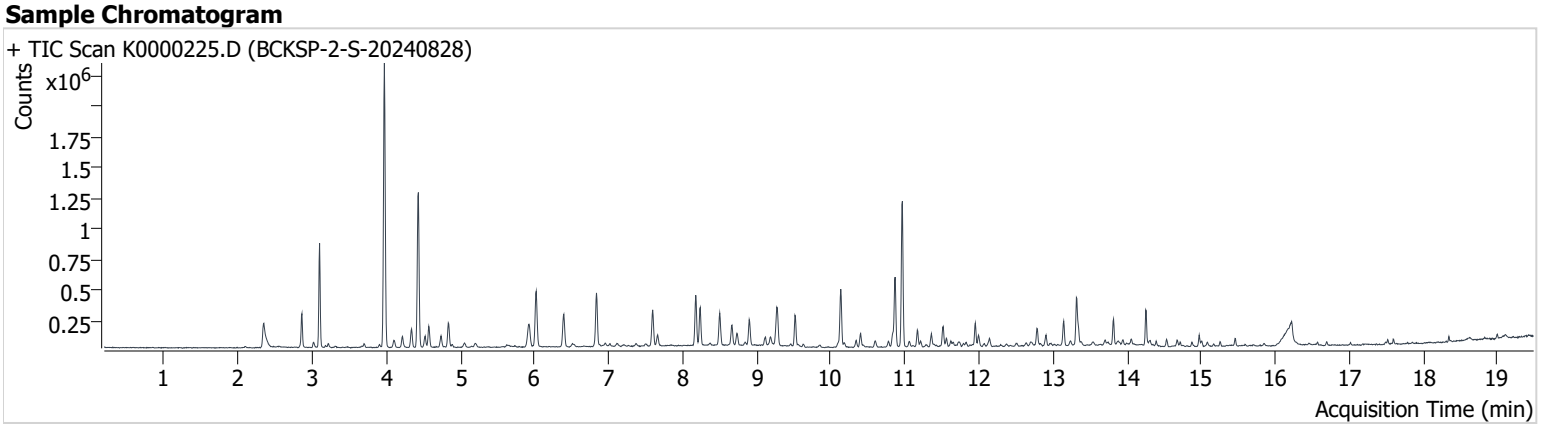
0.5
0
-0.5
-1
-1.5
91.1
39.1
51.1
65.1
77.1
84.2
106.1
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

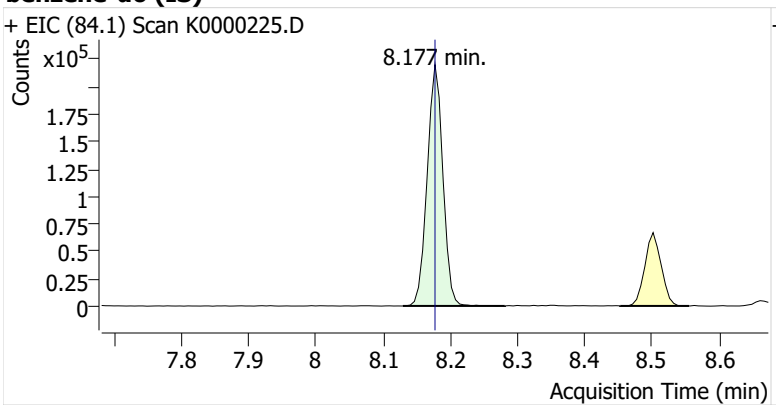
Name	BCKSP-2-S-20240828
Comment	B48697; Recollect
Data File	K0000225.D
Acq. Date-Time	9/17/2024 1:57:17 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

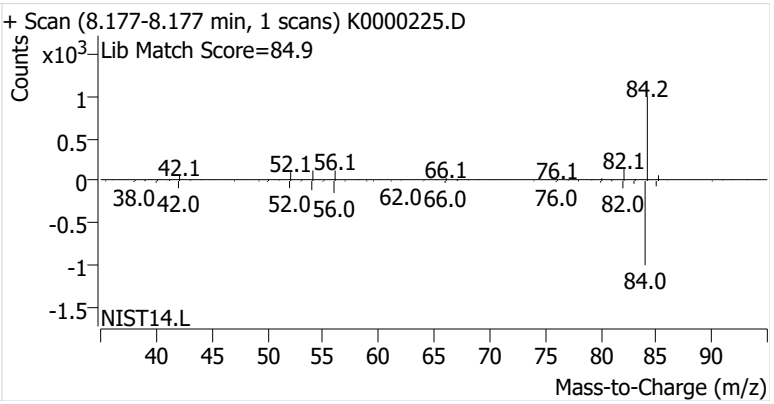
Sample Chromatogram



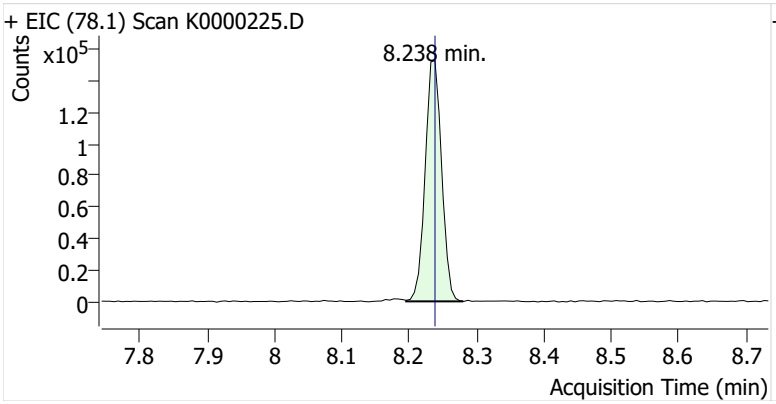
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	356,076	
Benzene	benzene-d6 (IS)	8.238	8.238	257,822	
Toluene-d8 (IS)		10.869	10.869	366,062	
Toluene	Toluene-d8 (IS)	10.967	10.967	780,014	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	132,016	
m-/p-Xylene	Toluene-d8 (IS)	13.316	13.340	275,864	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	108,198	

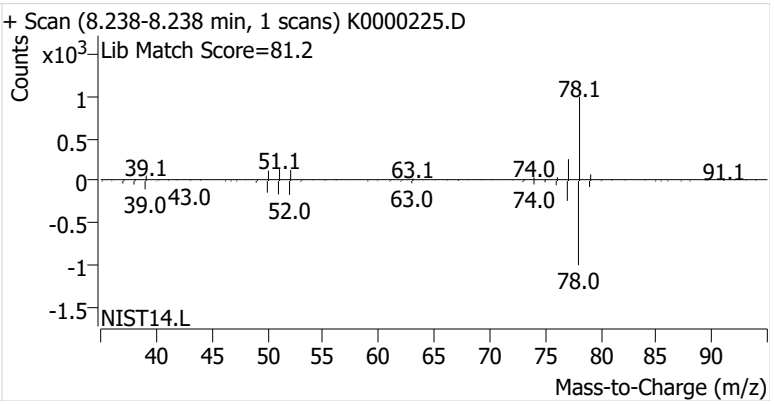
benzene-d6 (IS)



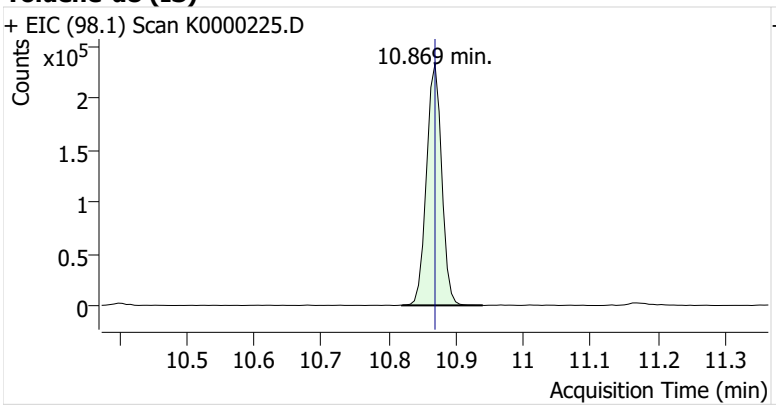


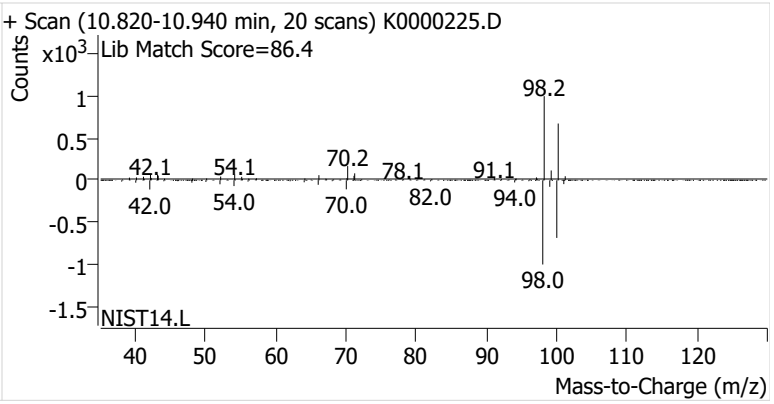
Benzene



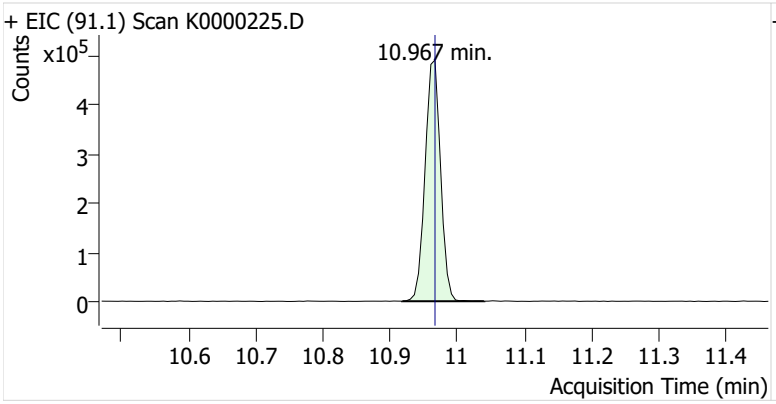


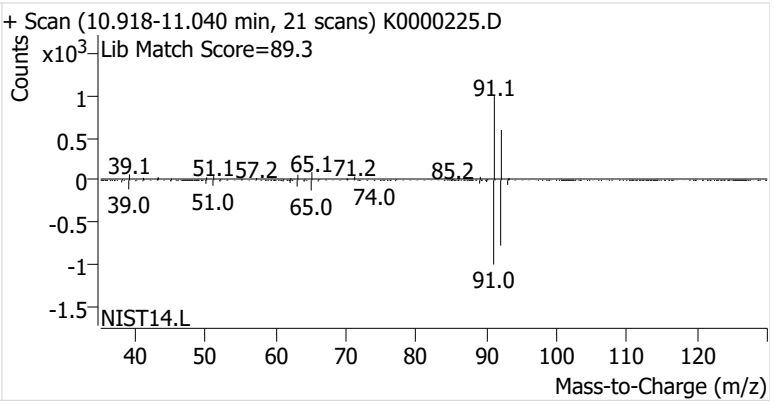
Toluene-d8 (IS)



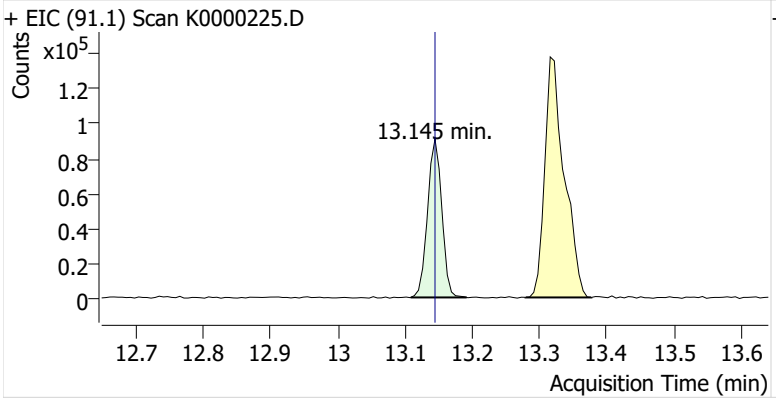


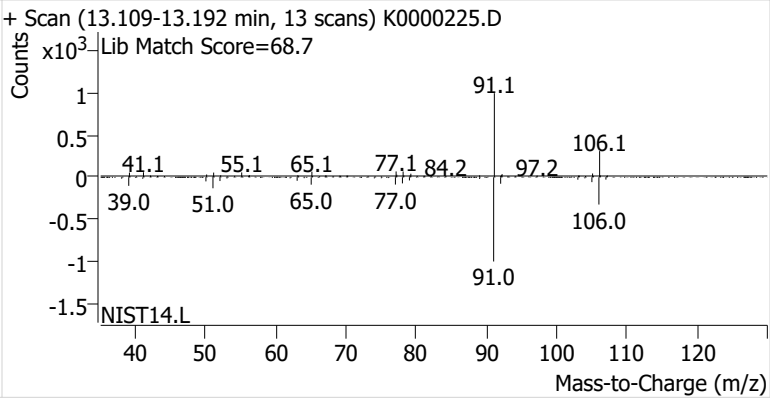
Toluene



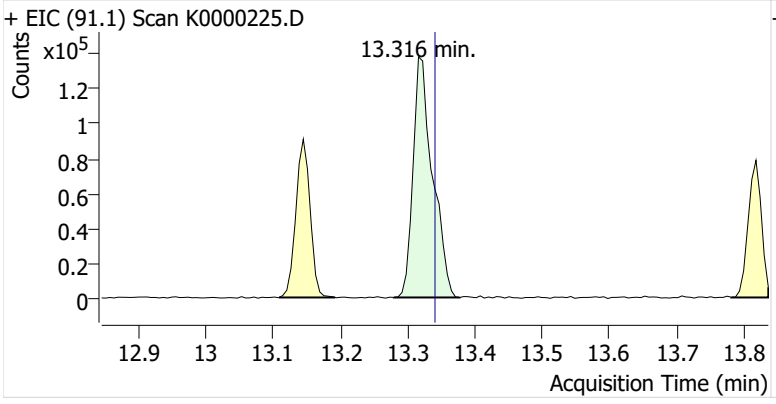


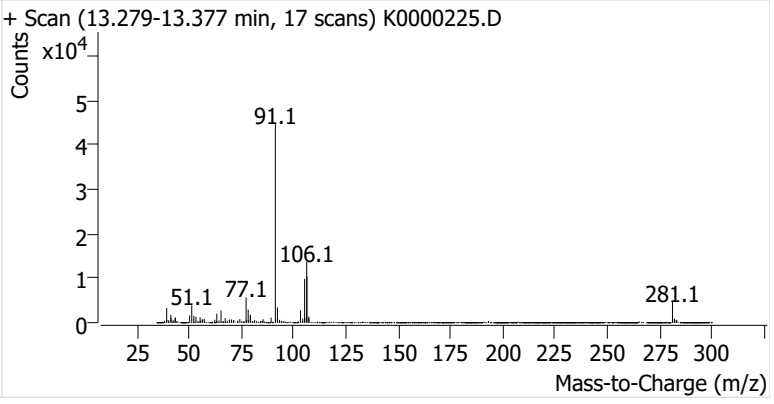
Ethylbenzene



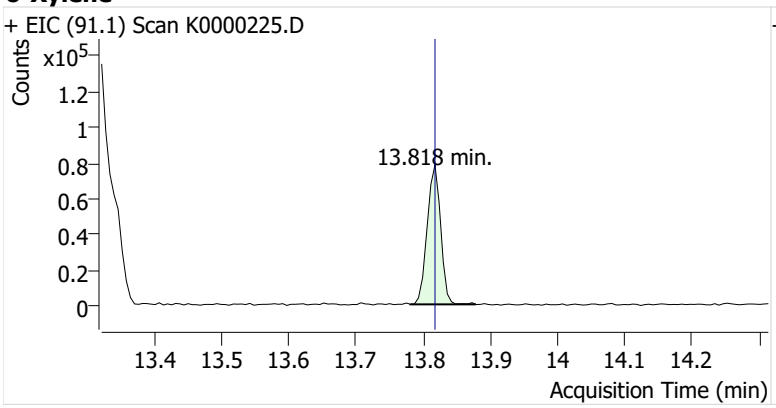


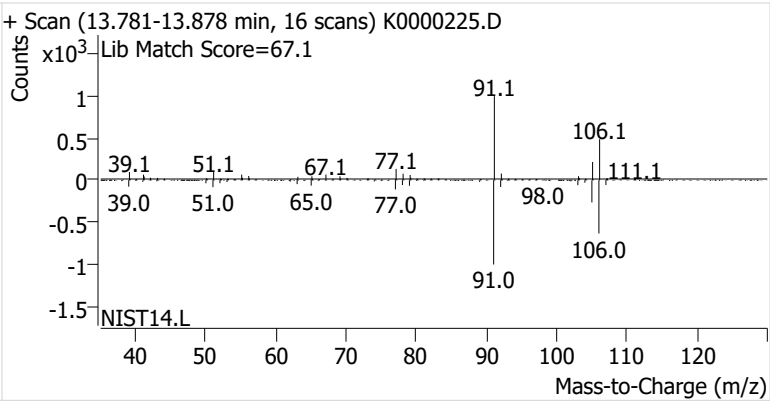
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000225.D
Counts
x10^5
1.2
1
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.781-13.878 min, 16 scans) K0000225.D
Lib Match Score=67.1
Counts
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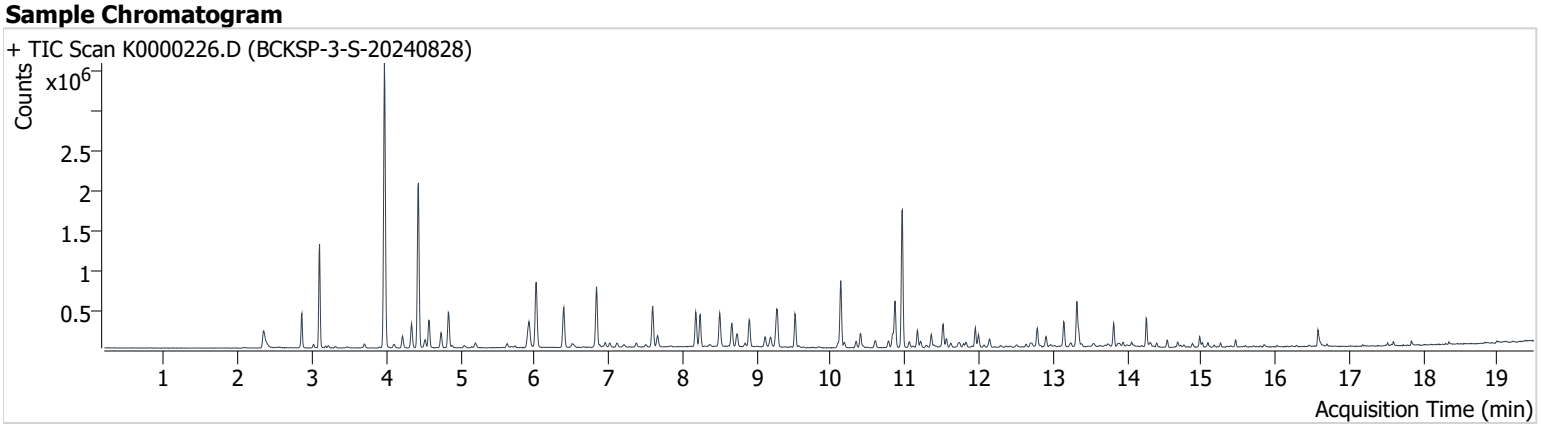
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.1
51.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

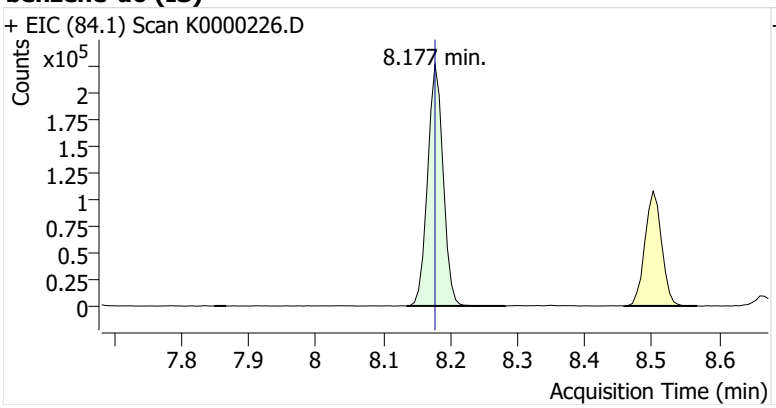
Name	BCKSP-3-S-20240828
Comment	B44949
Data File	K0000226.D
Acq. Date-Time	9/17/2024 2:24:51 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

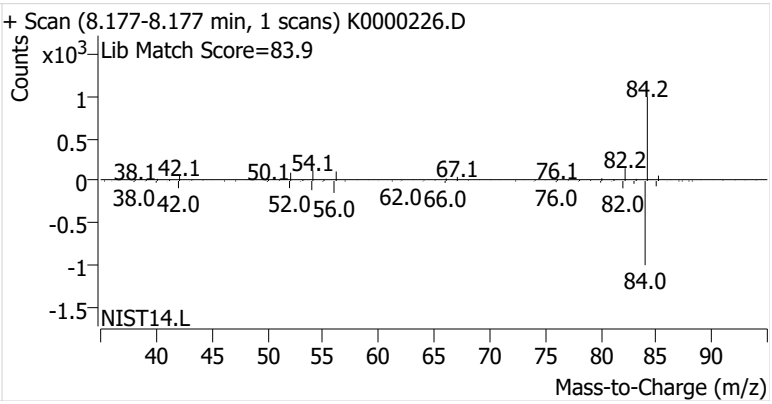
Sample Chromatogram



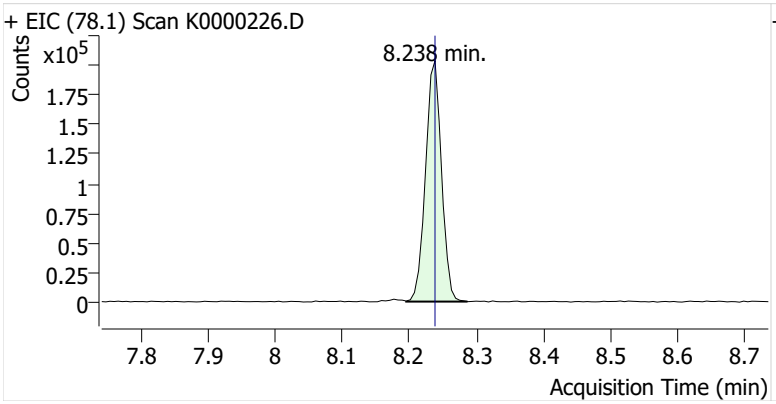
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	361,649	
Benzene	benzene-d6 (IS)	8.238	8.238	334,042	
Toluene-d8 (IS)		10.869	10.869	376,081	
Toluene	Toluene-d8 (IS)	10.967	10.967	1,140,243	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	213,318	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	387,169	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	147,402	

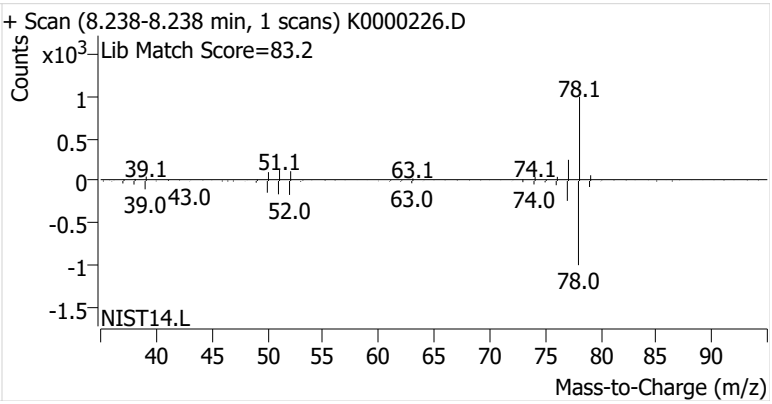
benzene-d6 (IS)



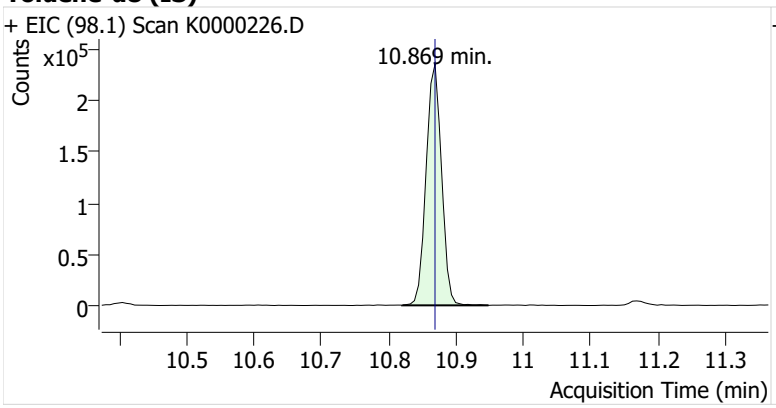


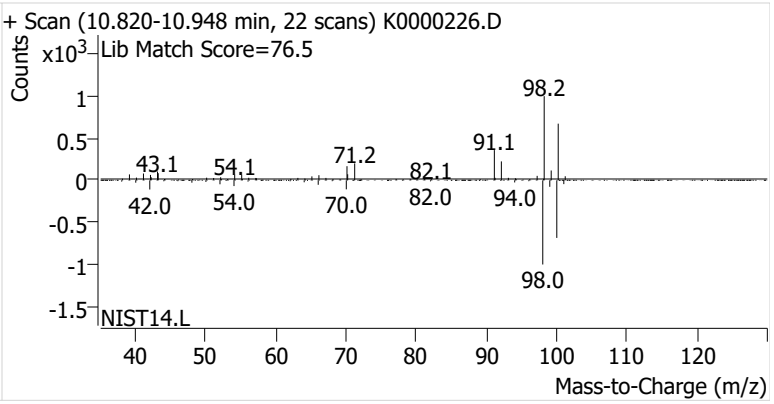
Benzene



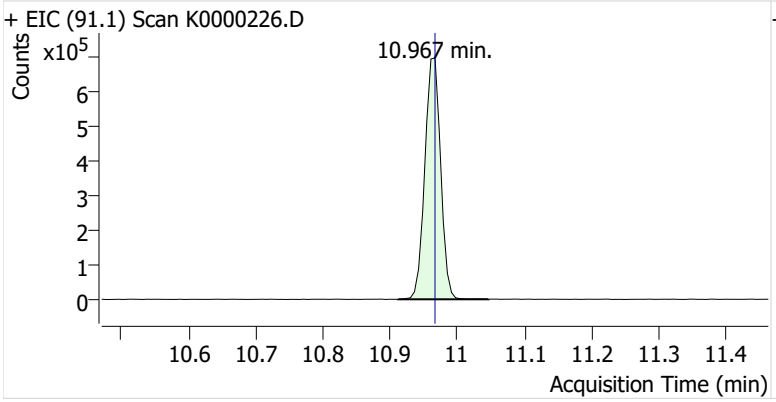


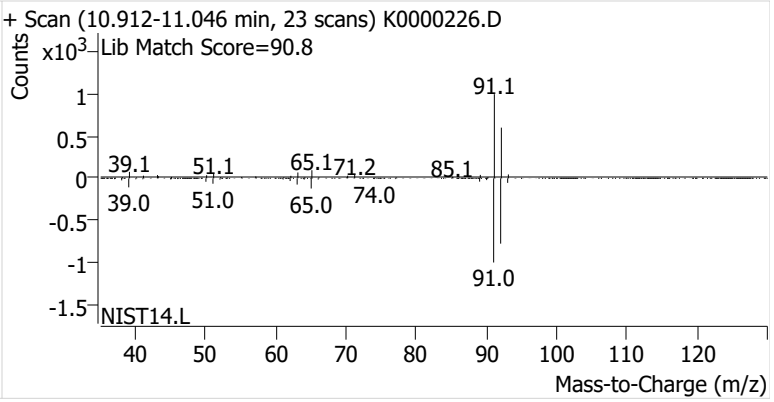
Toluene-d8 (IS)



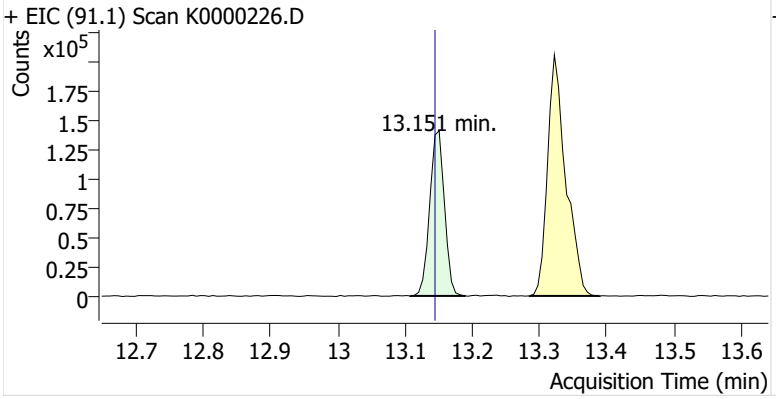


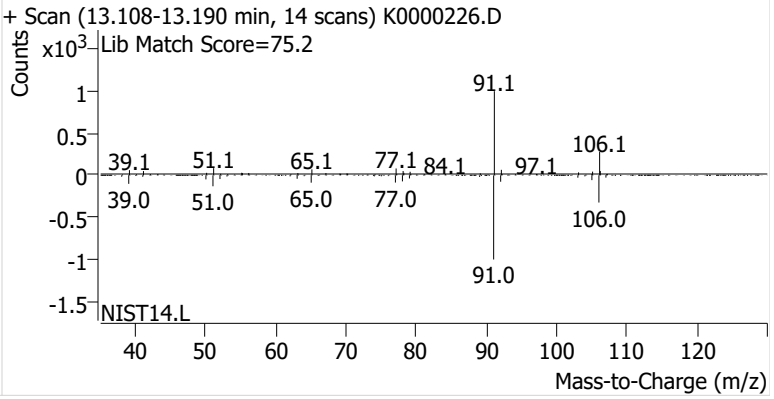
Toluene



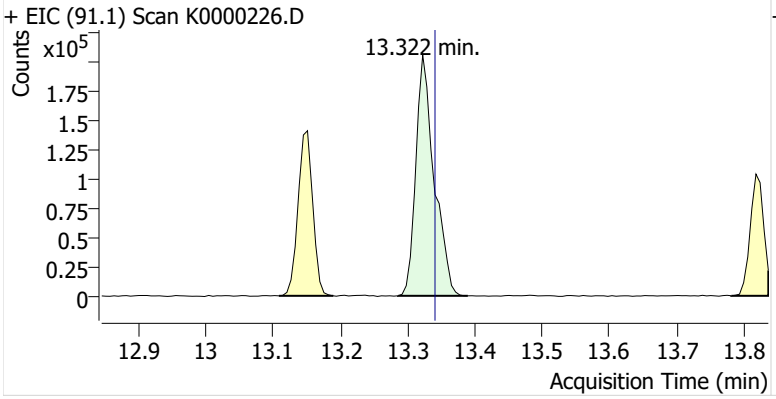


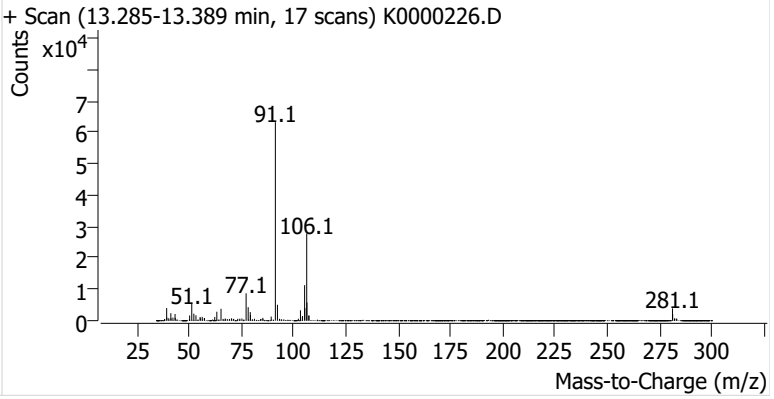
Ethylbenzene



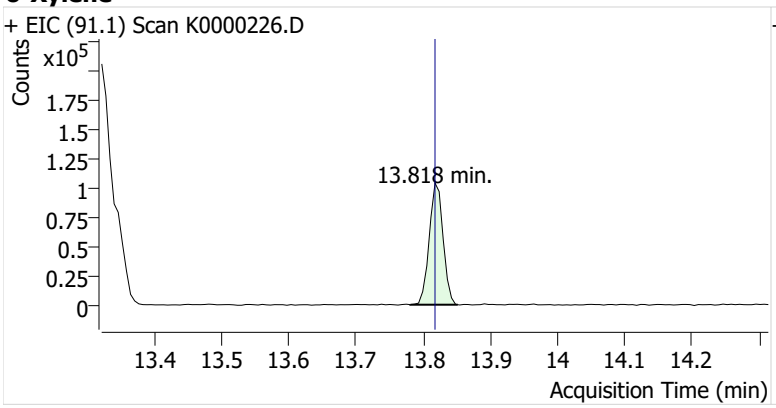


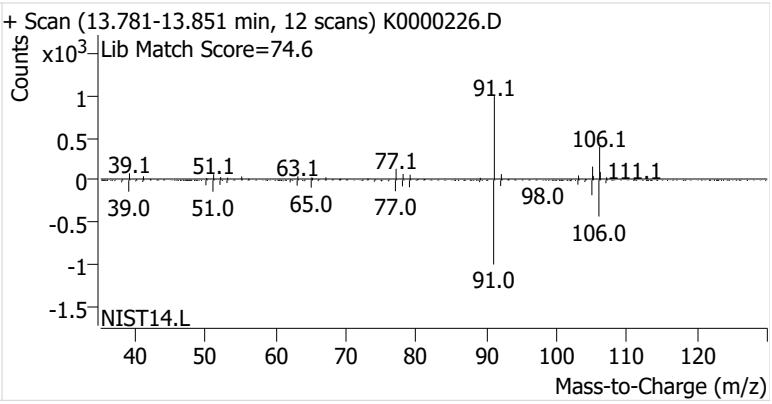
m-/p-Xylene





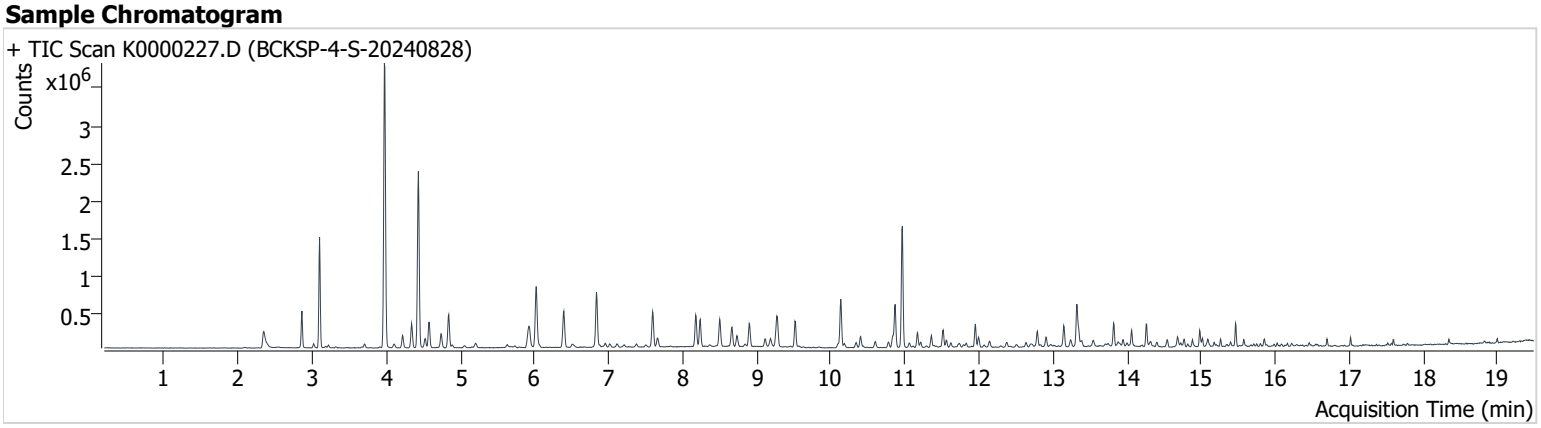
o-Xylene


+ EIC (91.1) Scan K0000226.D
Counts
x10^5
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.781-13.851 min, 12 scans) K0000226.D
Lib Match Score=74.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.1
51.1
63.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

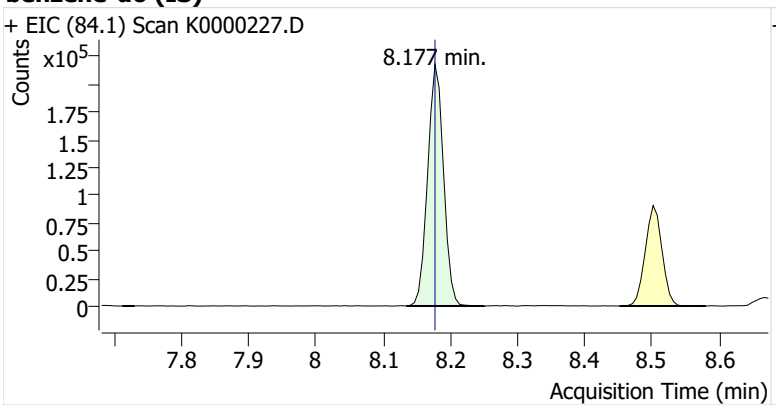
Name	BCKSP-4-S-20240828
Comment	C17293; Recollect
Data File	K0000227.D
Acq. Date-Time	9/17/2024 2:51:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

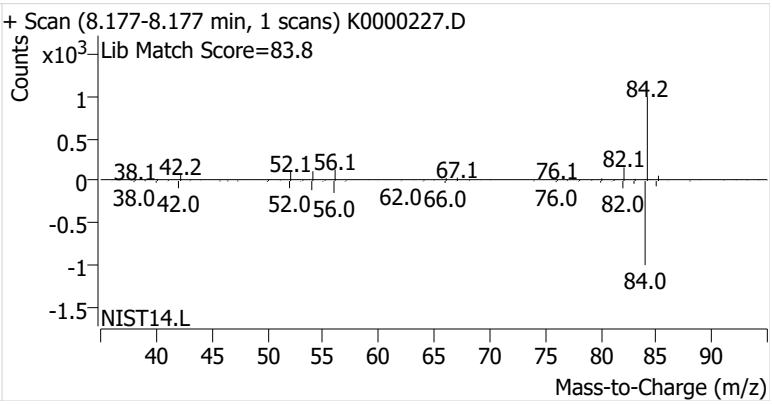
Sample Chromatogram



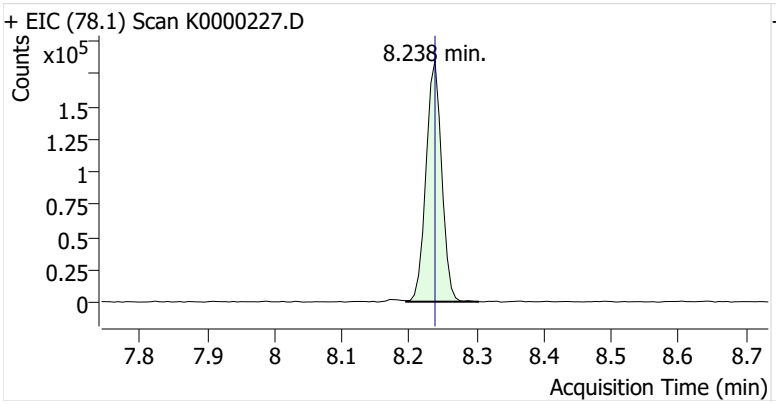
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	356,749	
Benzene	benzene-d6 (IS)	8.238	8.238	297,918	
Toluene-d8 (IS)		10.869	10.869	359,321	
Toluene	Toluene-d8 (IS)	10.967	10.967	1,065,138	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	186,915	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	405,505	
o-Xylene	Toluene-d8 (IS)	13.824	13.818	156,660	

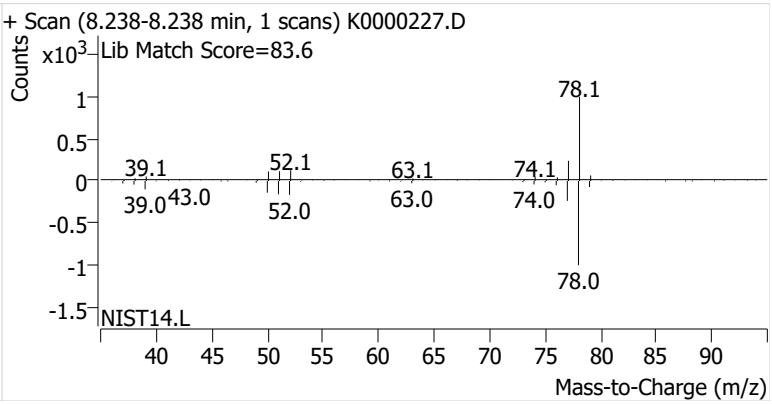
benzene-d6 (IS)



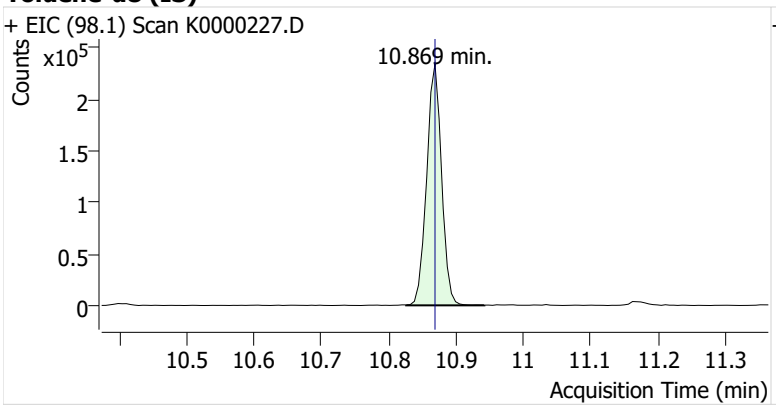


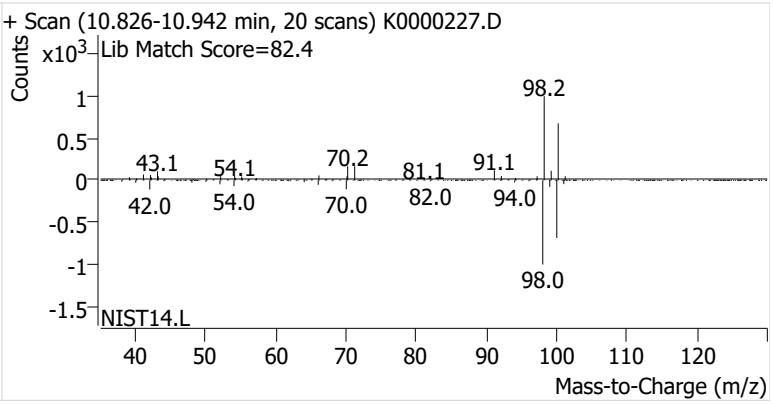
Benzene



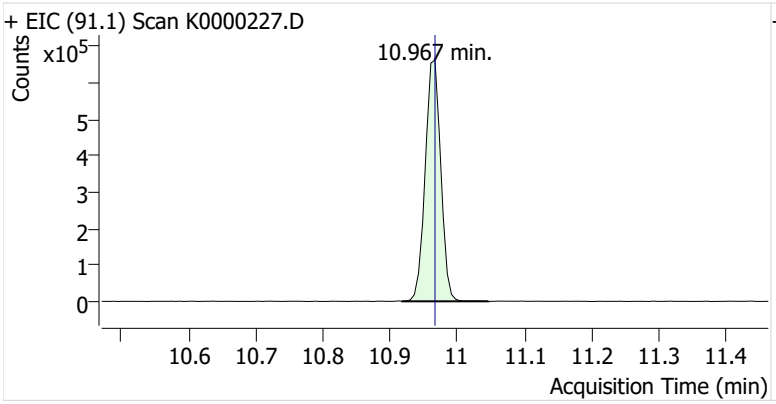


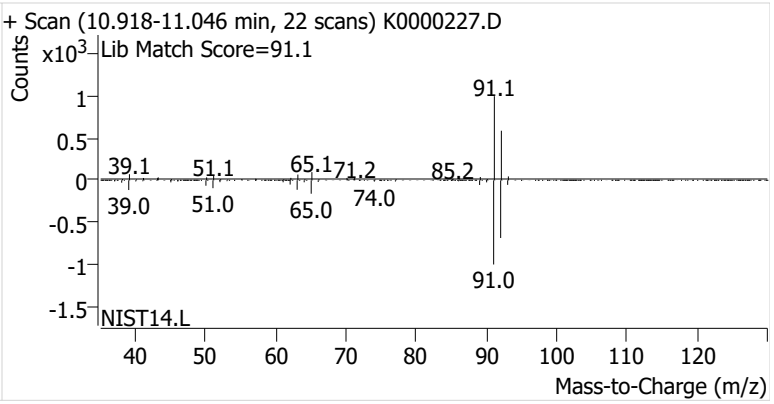
Toluene-d8 (IS)



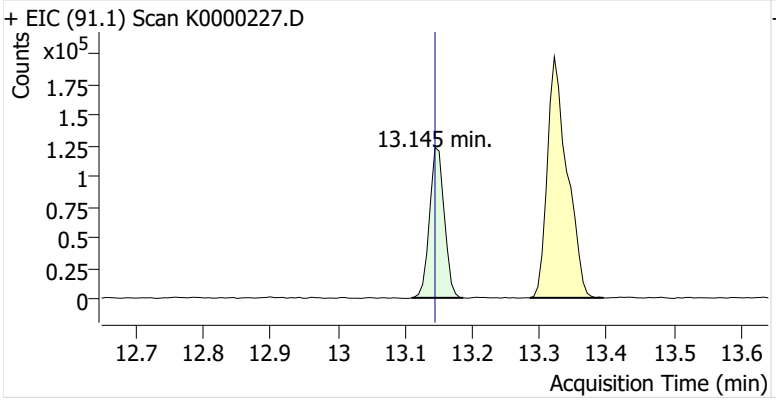


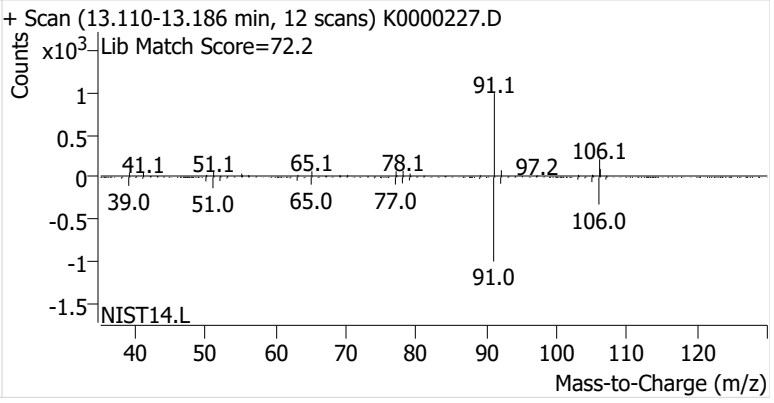
Toluene



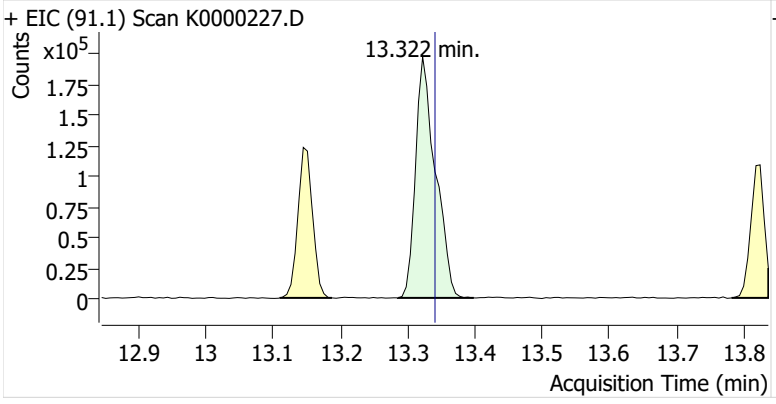


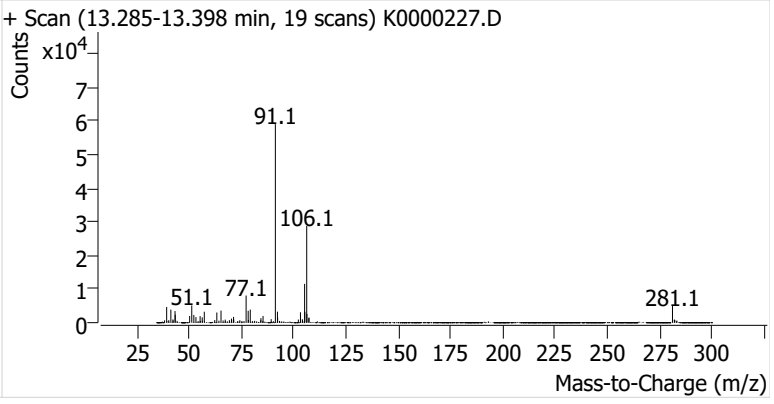
Ethylbenzene



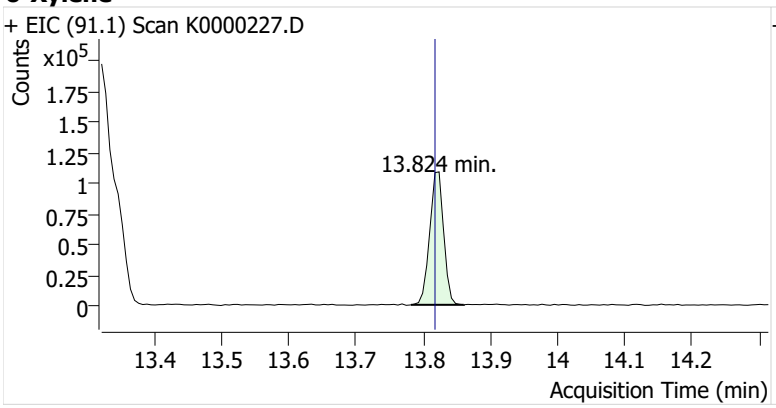


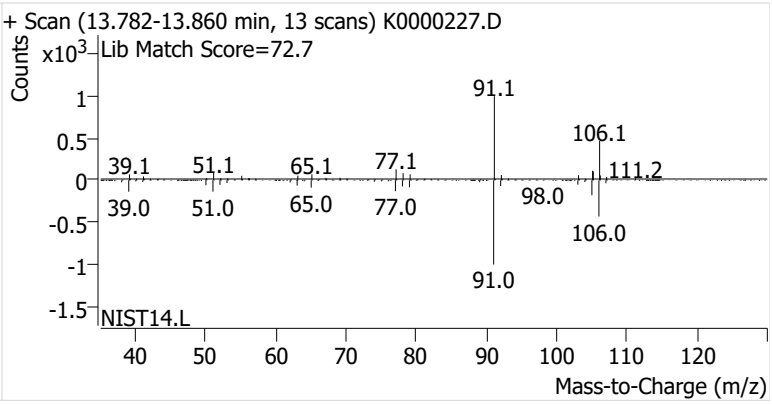
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000227.D
Counts
x10^5
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.824 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.782-13.860 min, 13 scans) K0000227.D
Lib Match Score=72.7
Counts
x10^3
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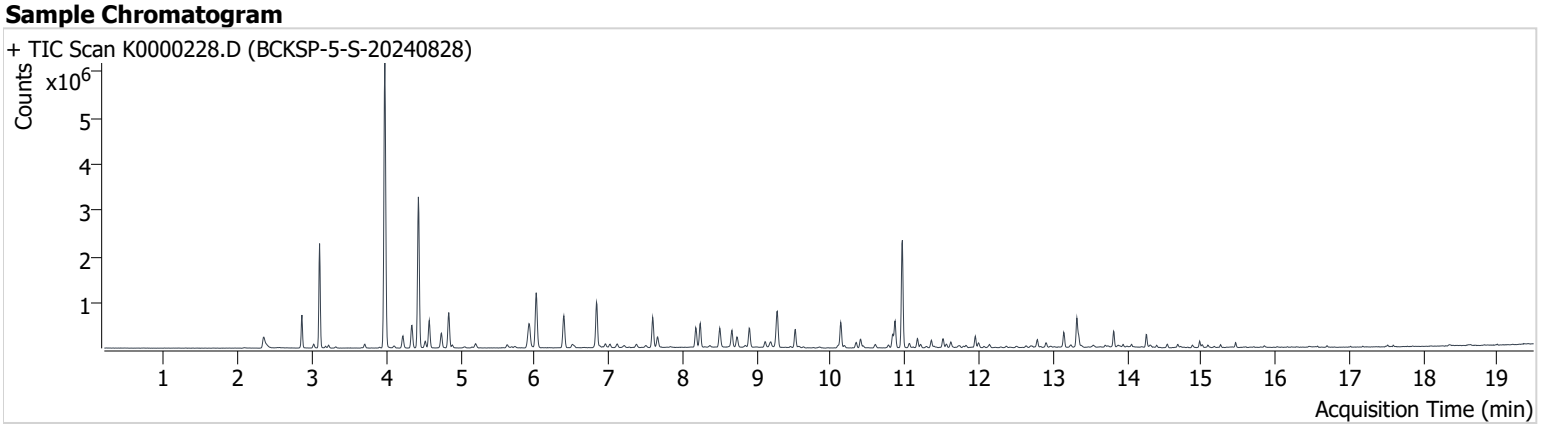
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

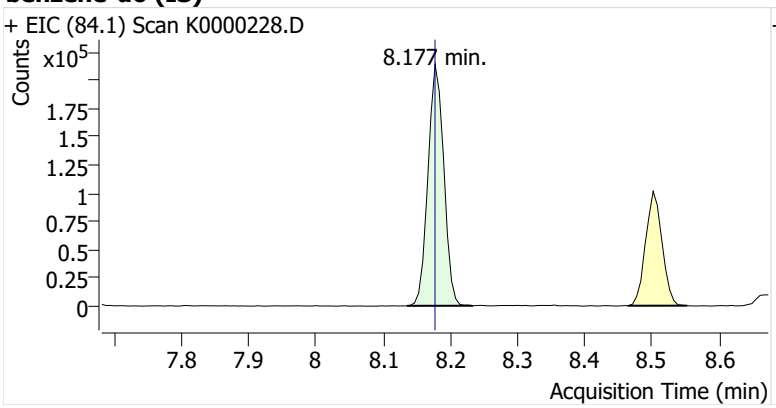
Name	BCKSP-5-S-20240828
Comment	B45069; Recollect
Data File	K0000228.D
Acq. Date-Time	9/17/2024 3:18:22 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

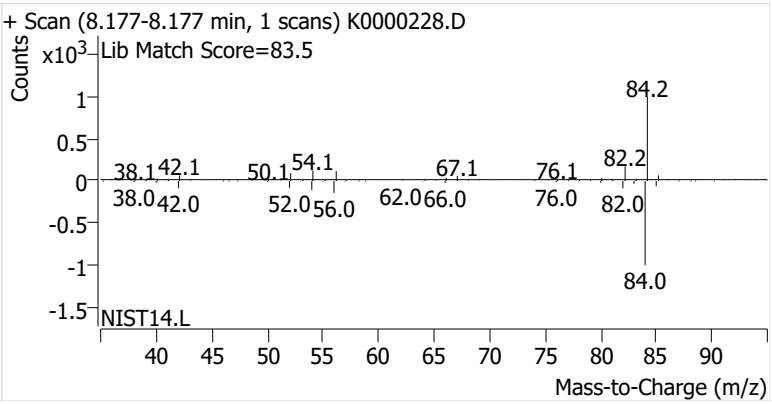
Sample Chromatogram



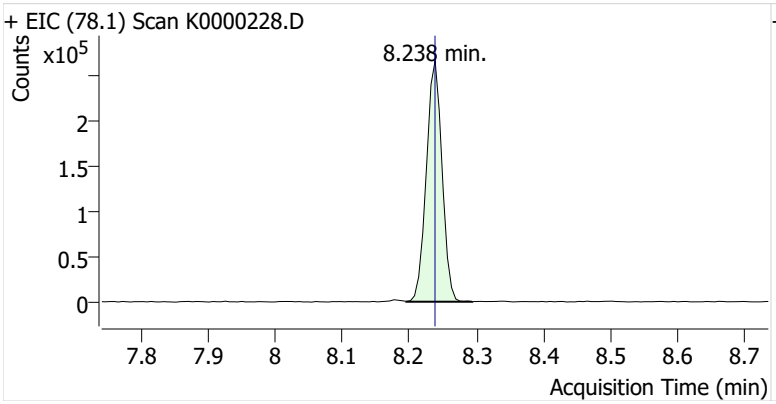
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	348,685	
Benzene	benzene-d6 (IS)	8.238	8.238	430,727	
Toluene-d8 (IS)		10.869	10.869	366,607	
Toluene	Toluene-d8 (IS)	10.967	10.967	1,454,970	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	214,702	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	445,242	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	177,503	

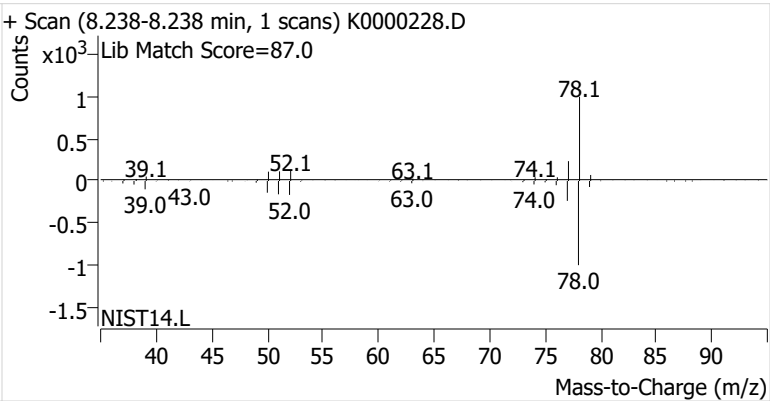
benzene-d6 (IS)



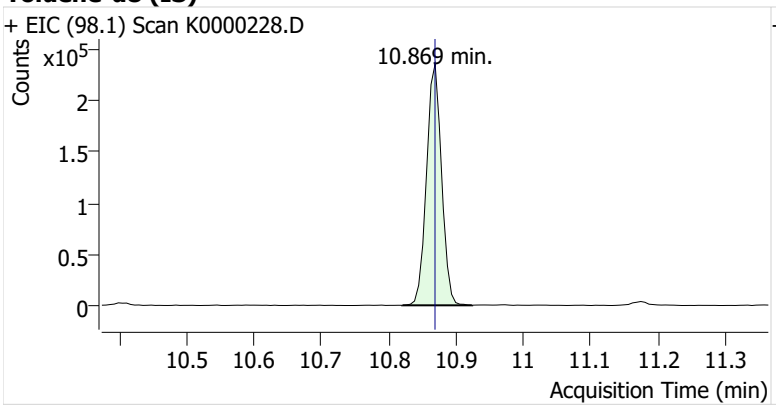


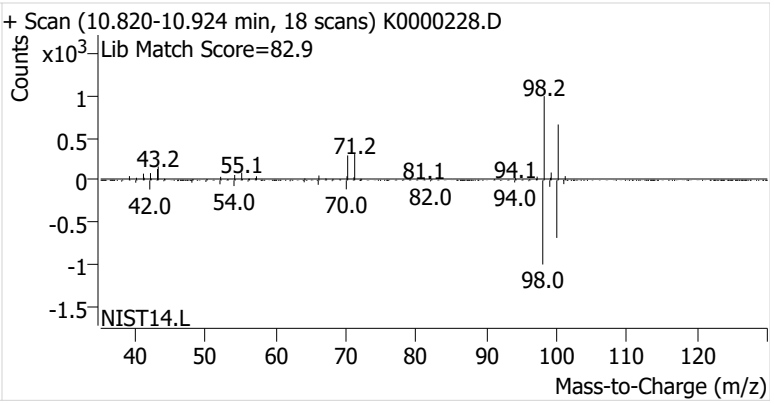
Benzene



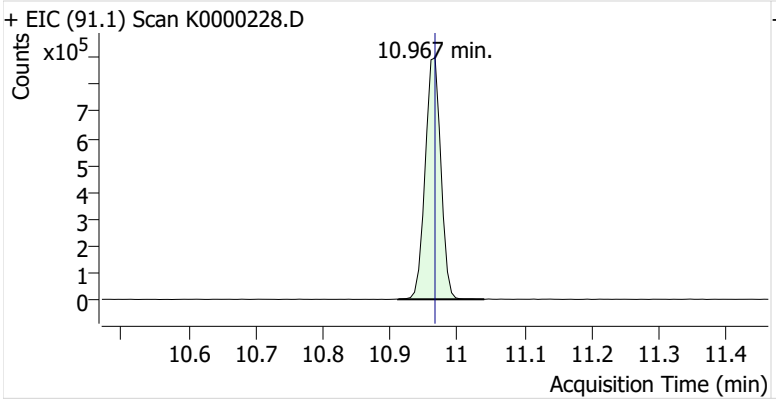


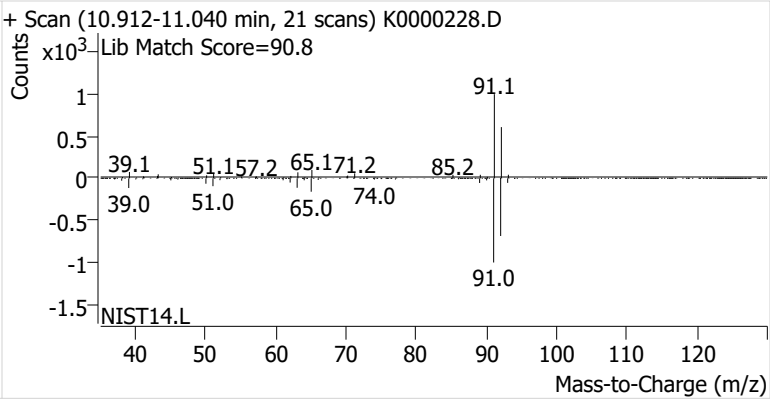
Toluene-d8 (IS)



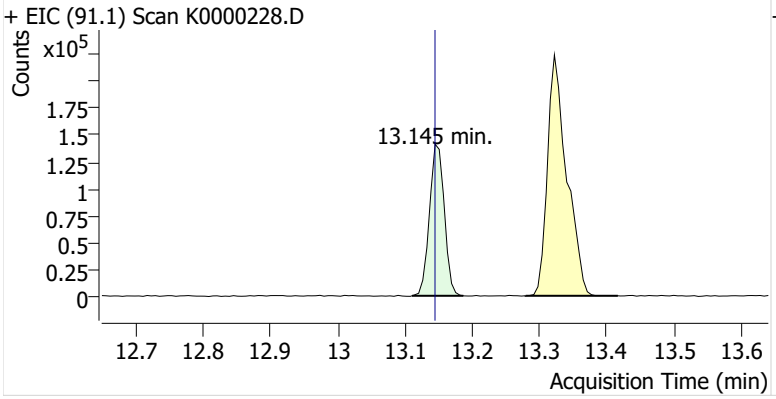


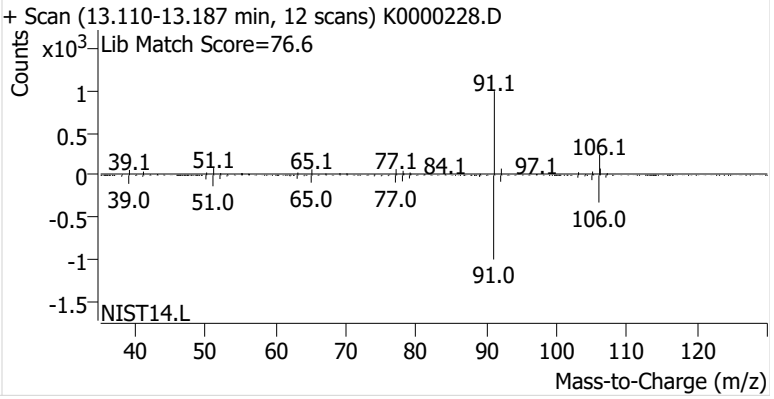
Toluene



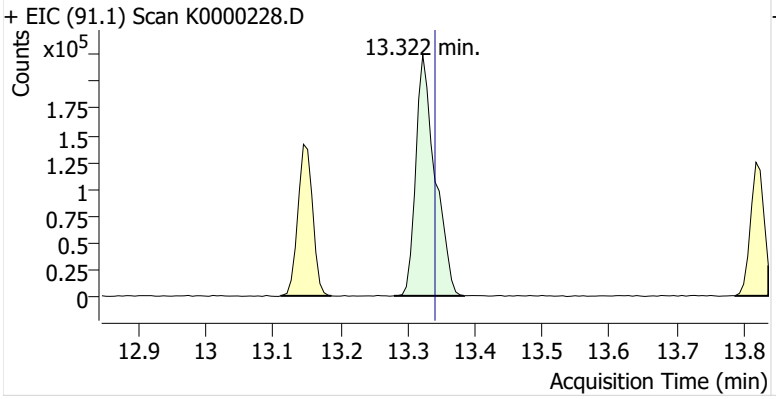


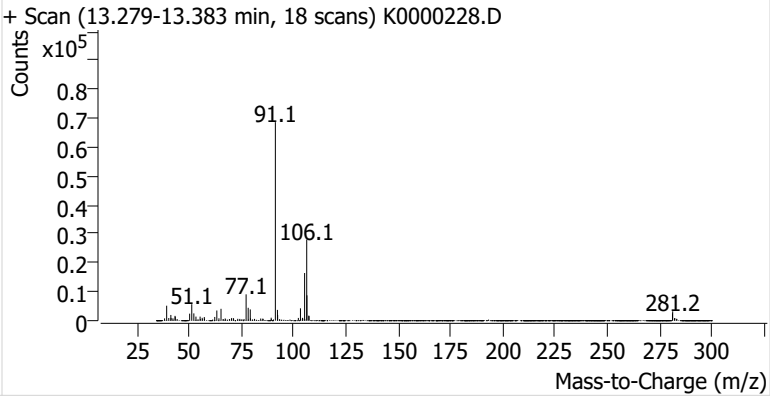
Ethylbenzene



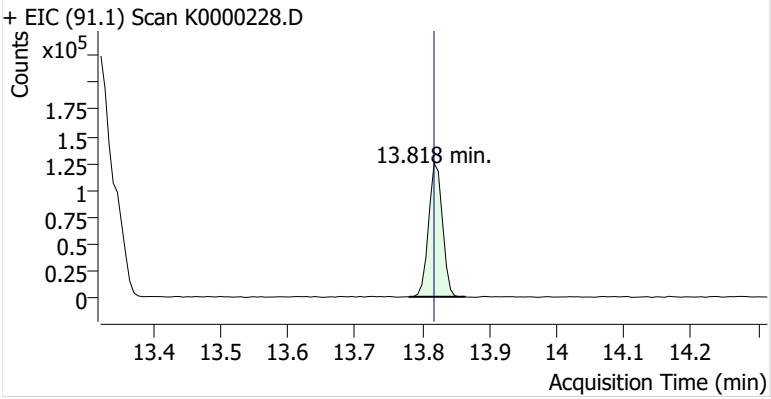


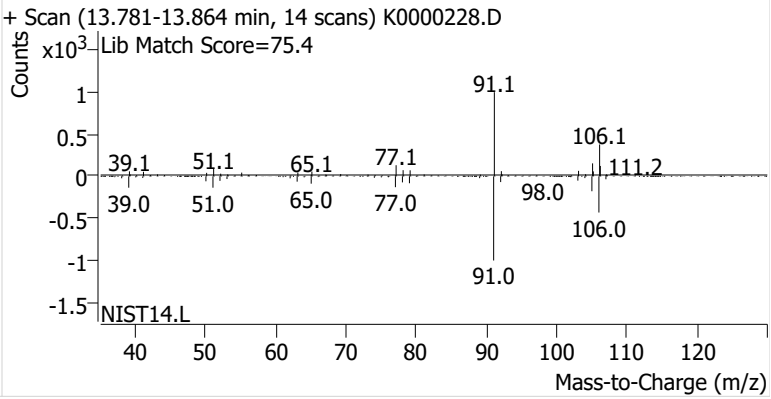
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000228.D
Counts
x10^5
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.818 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.781-13.864 min, 14 scans) K0000228.D
Lib Match Score=75.4
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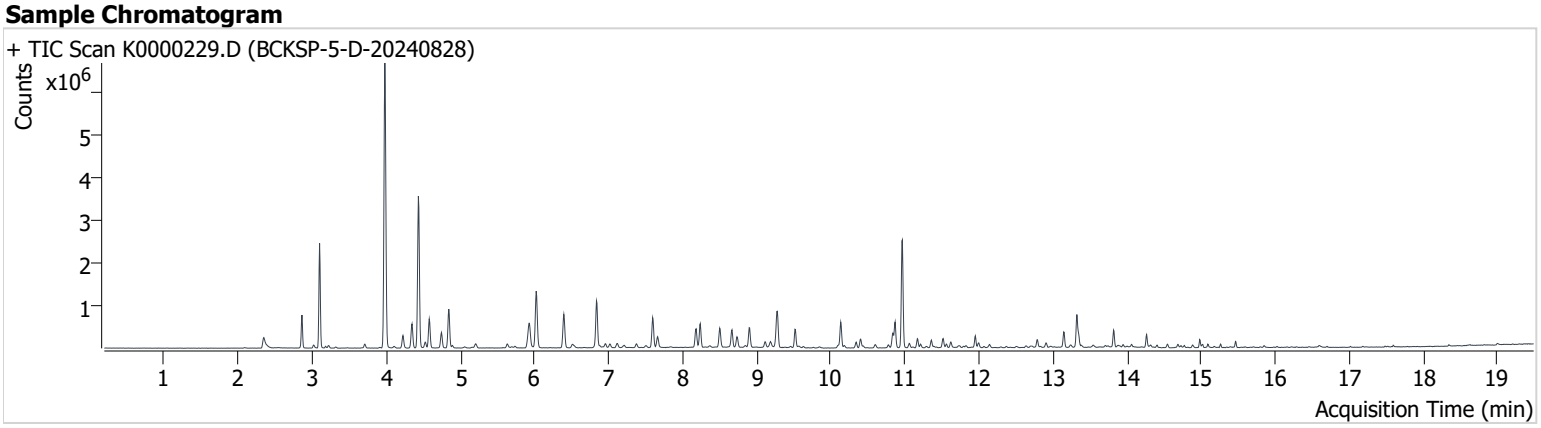
0
-0.5
-1
-1.5
91.1
106.1
111.2
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

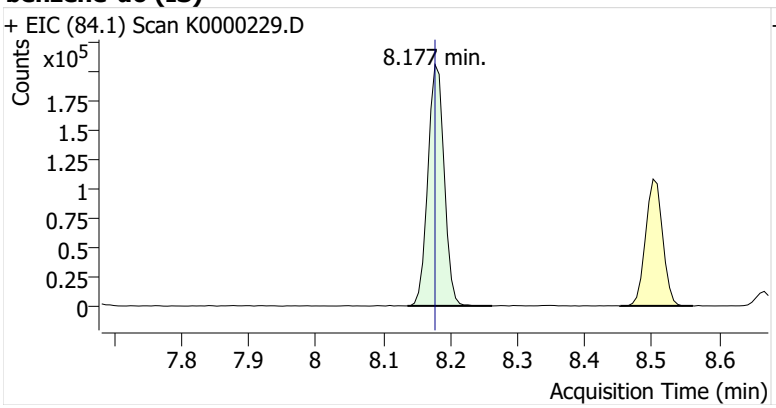
Name	BCKSP-5-D-20240828
Comment	B49622; Recollect
Data File	K0000229.D
Acq. Date-Time	9/17/2024 3:45:04 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

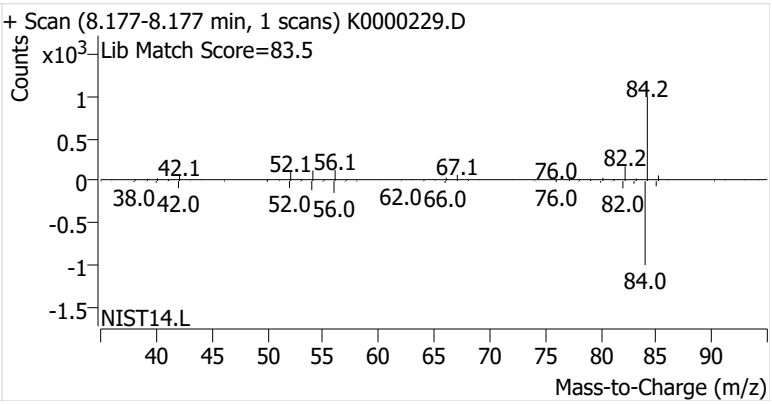
Sample Chromatogram



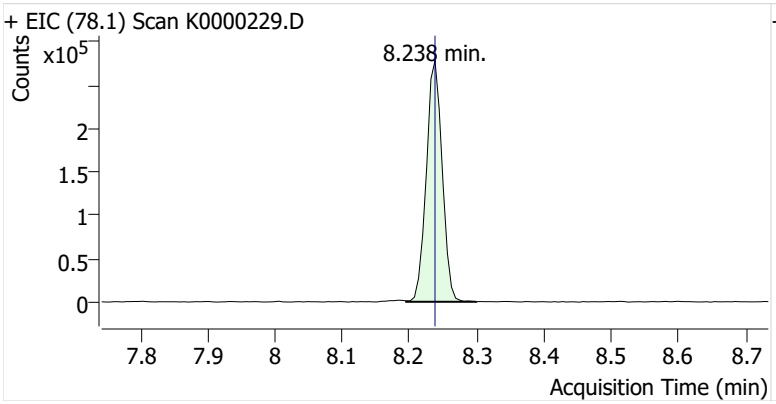
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	347,361	
Benzene	benzene-d6 (IS)	8.238	8.238	453,883	
Toluene-d8 (IS)		10.869	10.869	366,112	
Toluene	Toluene-d8 (IS)	10.961	10.967	1,593,460	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	243,279	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	532,097	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	207,218	

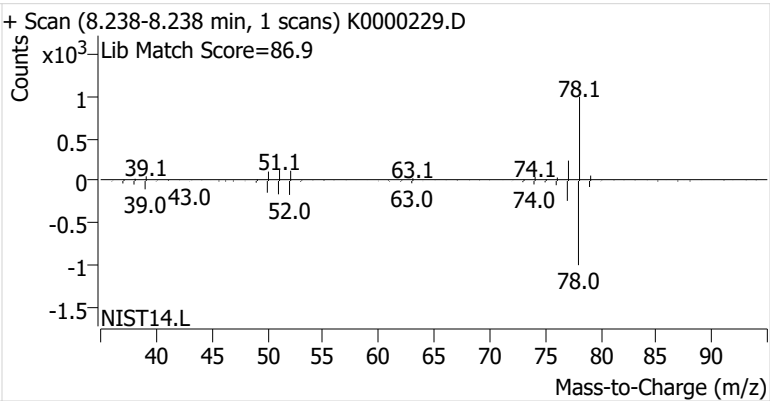
benzene-d6 (IS)



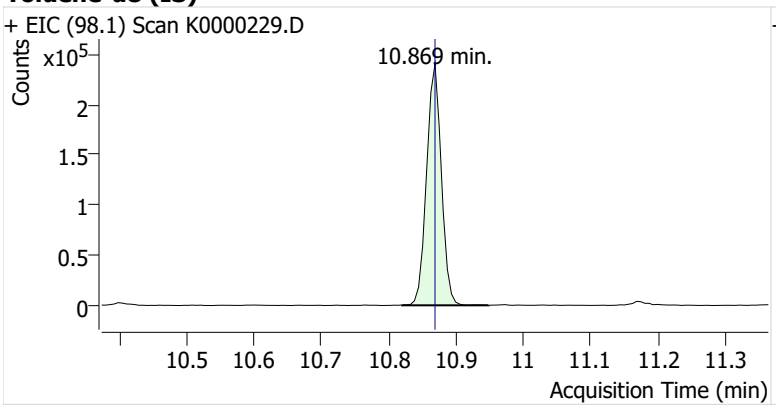


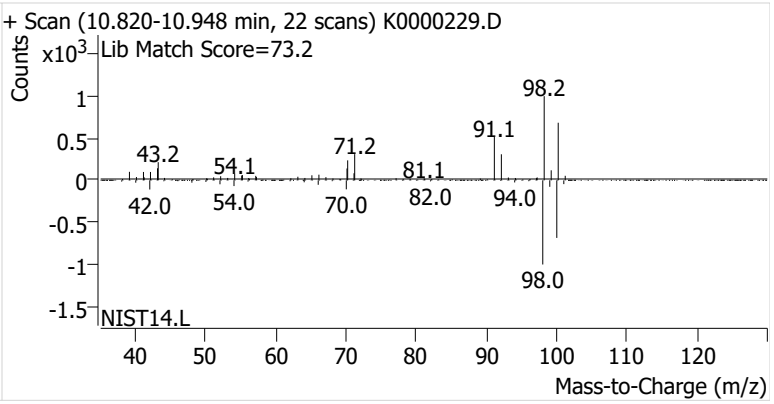
Benzene



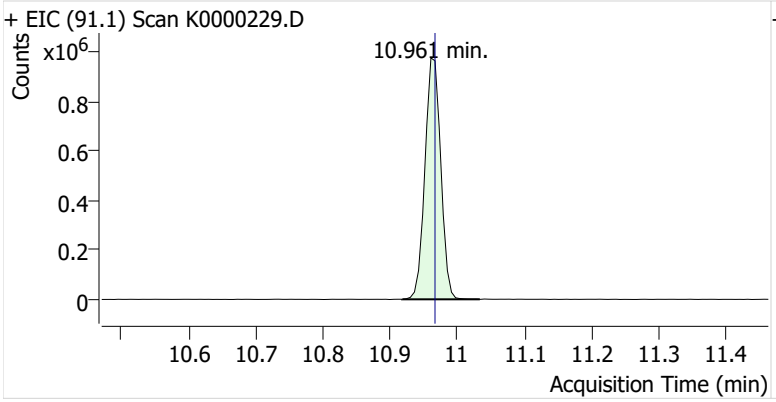


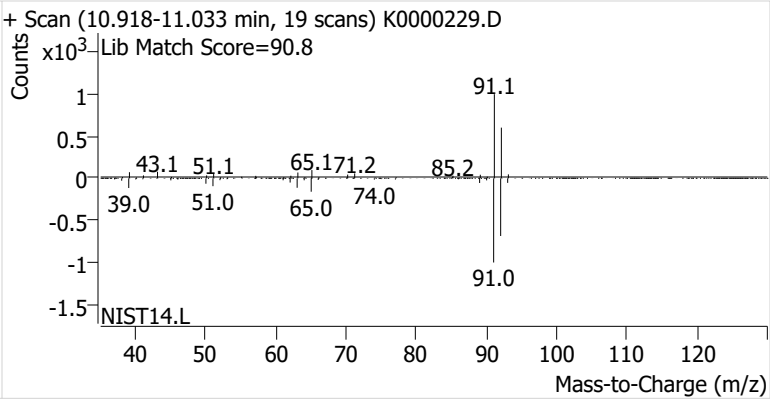
Toluene-d8 (IS)



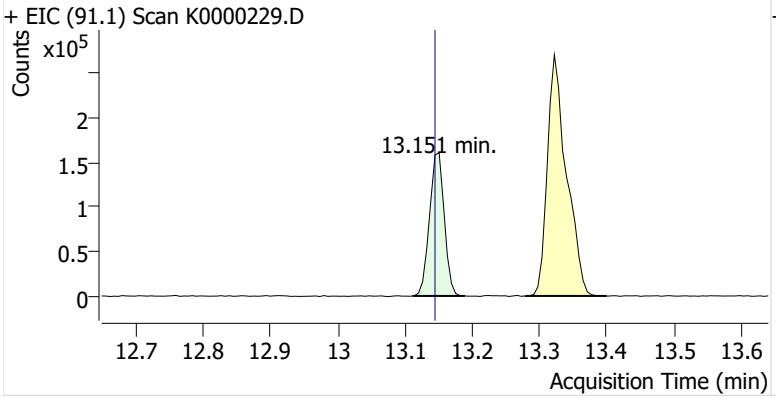


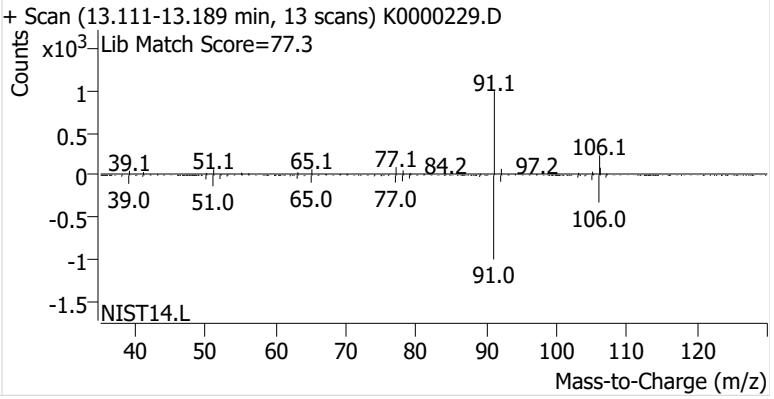
Toluene



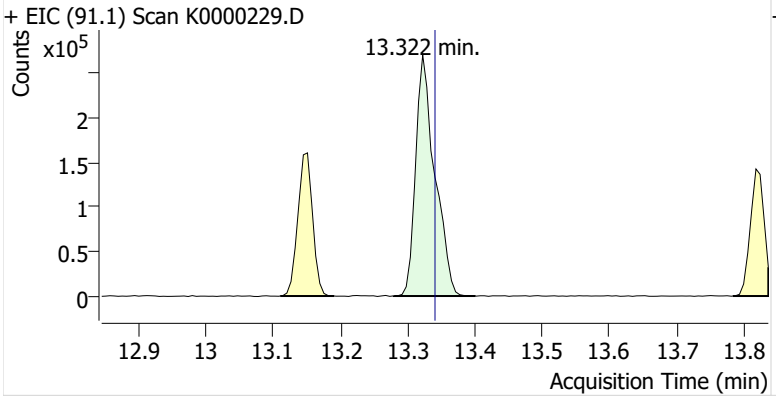


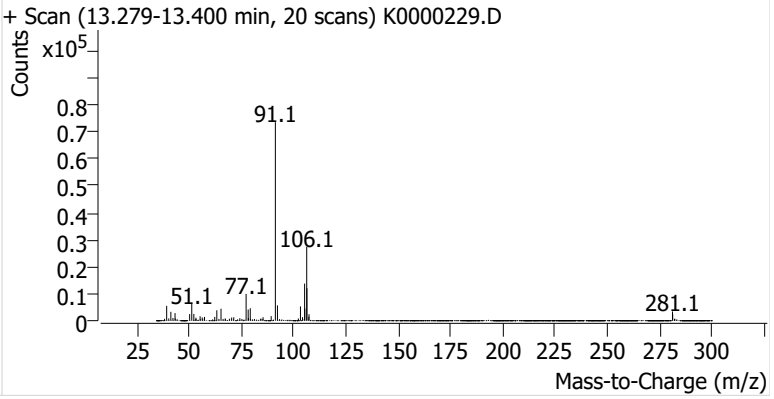
Ethylbenzene



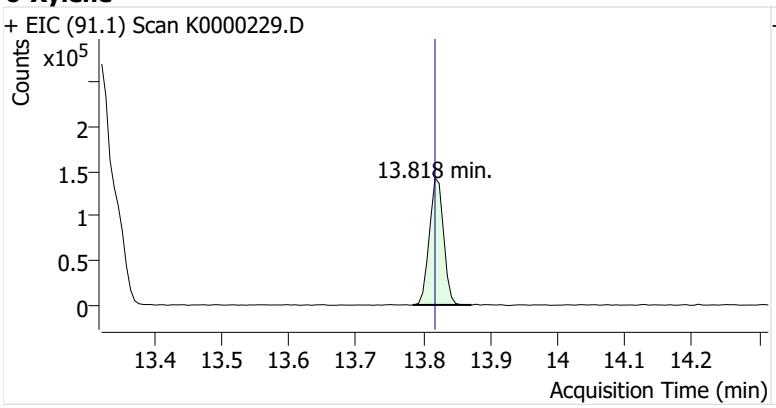


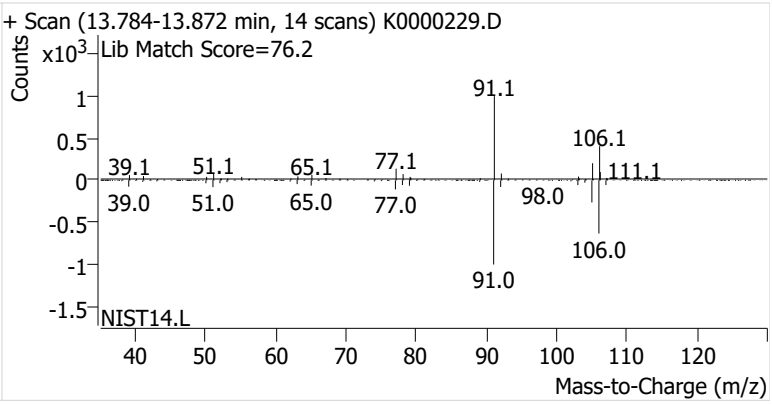
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000229.D
Counts
x10^5
2
1.5
1
0.5
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.784-13.872 min, 14 scans) K0000229.D
Lib Match Score=76.2
Counts
x10^3
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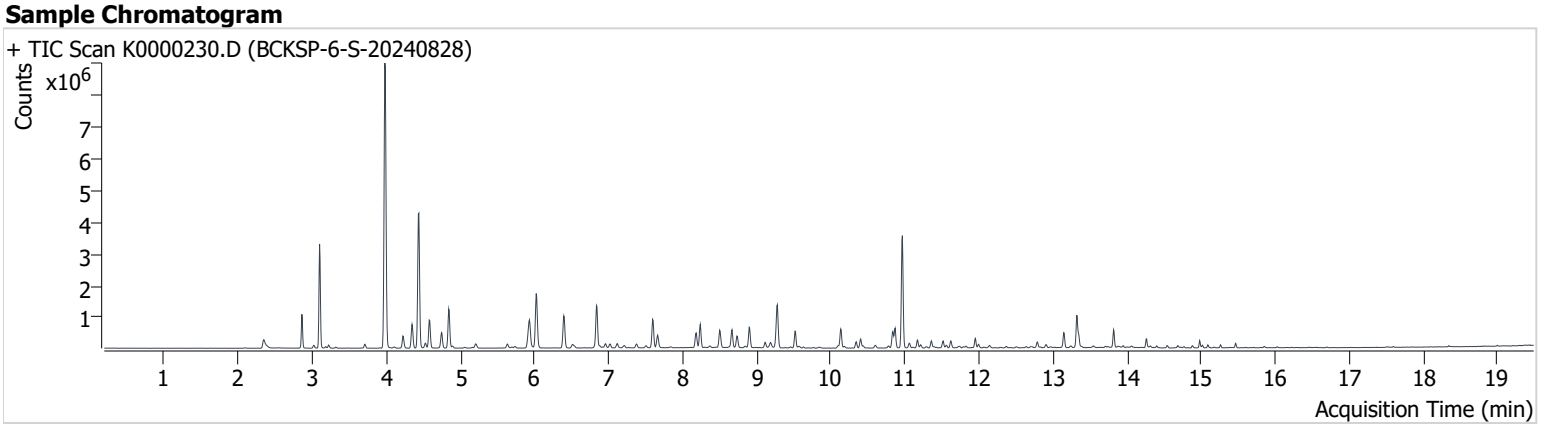
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

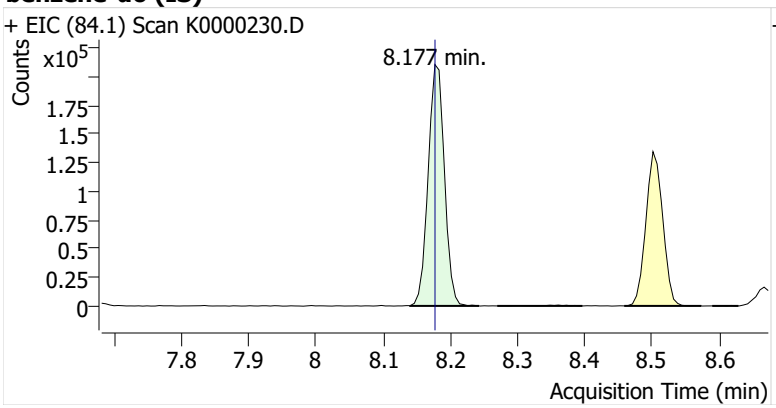
Name	BCKSP-6-S-20240828
Comment	B34000; Recollect
Data File	K0000230.D
Acq. Date-Time	9/17/2024 4:12:38 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

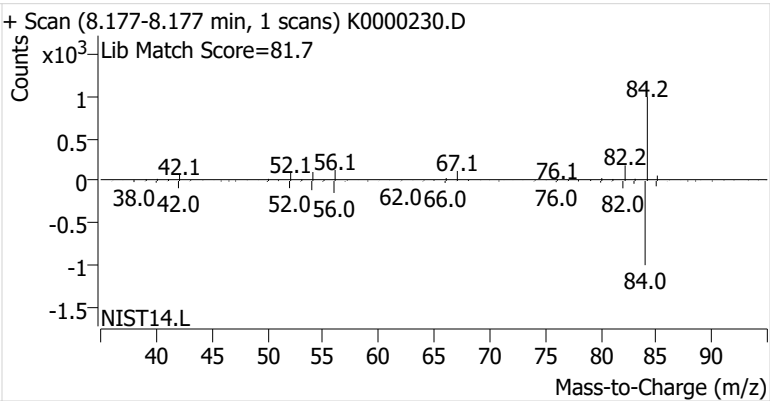
Sample Chromatogram



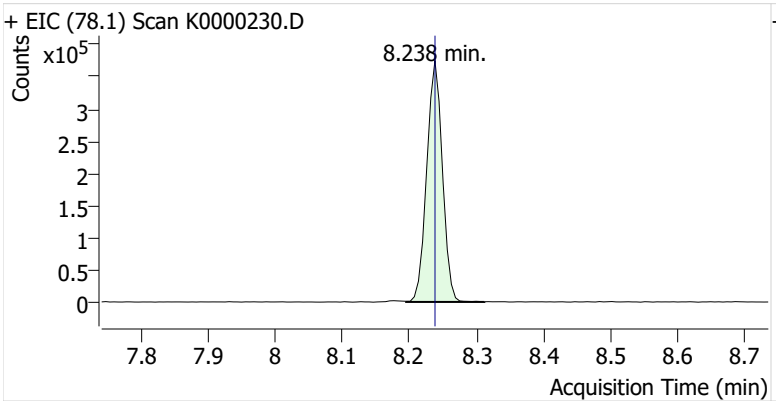
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	353,451	
Benzene	benzene-d6 (IS)	8.238	8.238	605,593	
Toluene-d8 (IS)		10.869	10.869	382,976	
Toluene	Toluene-d8 (IS)	10.967	10.967	2,148,458	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	332,681	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	725,207	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	289,450	

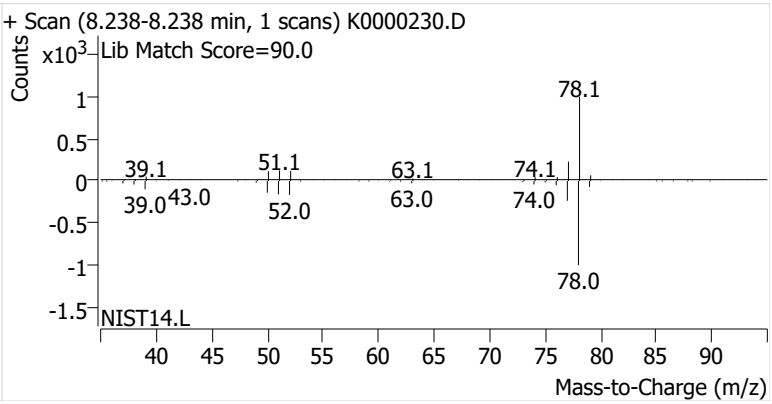
benzene-d6 (IS)



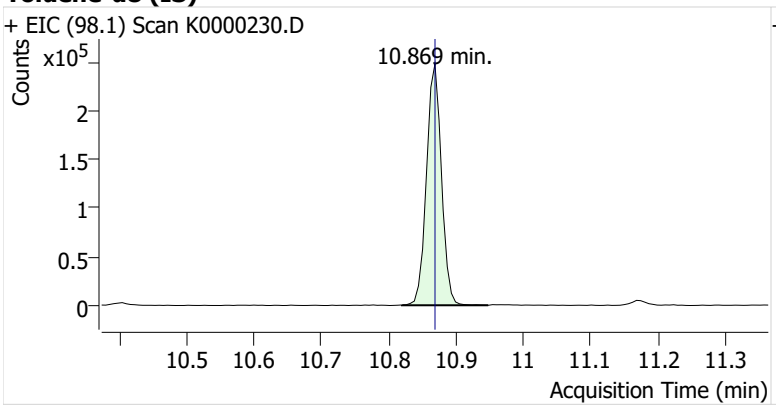


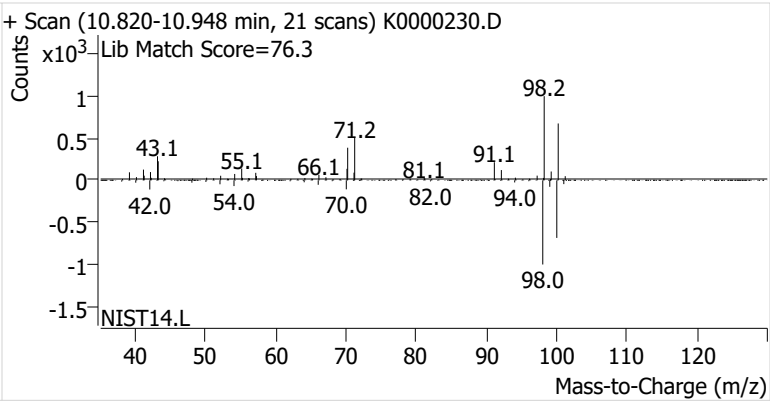
Benzene



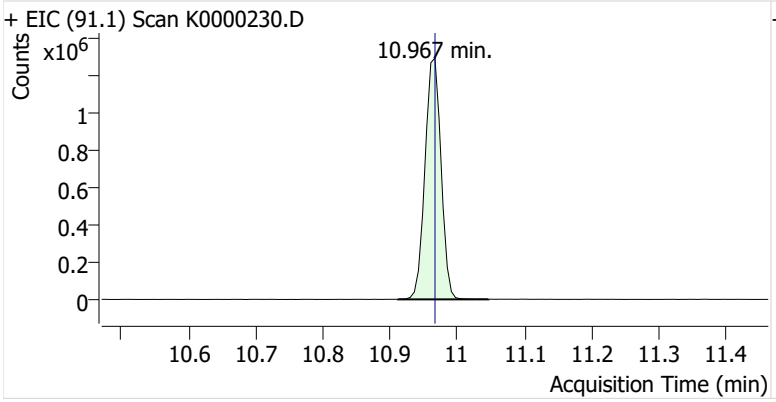


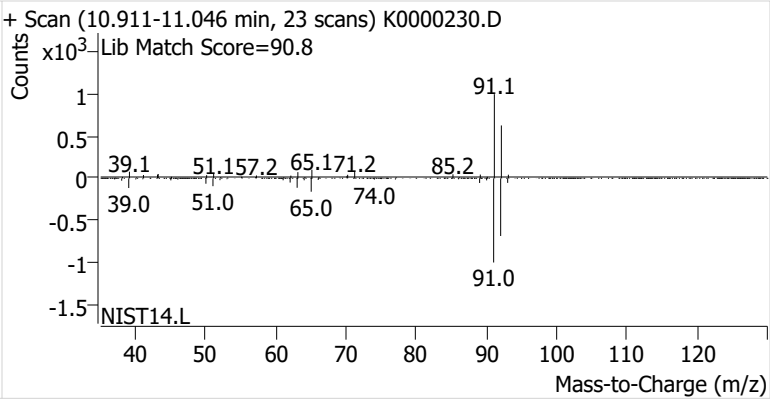
Toluene-d8 (IS)



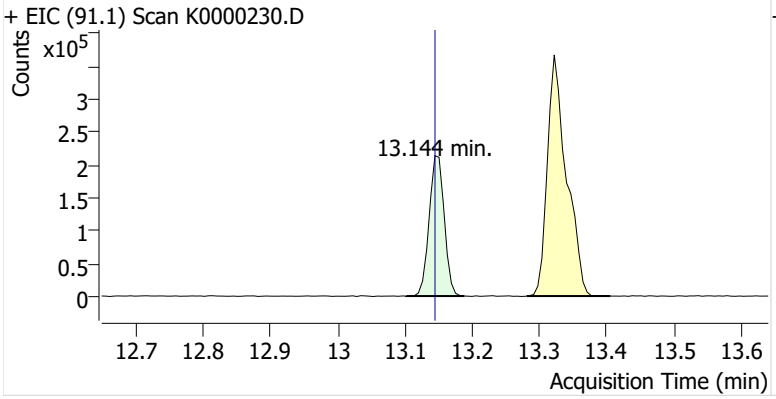


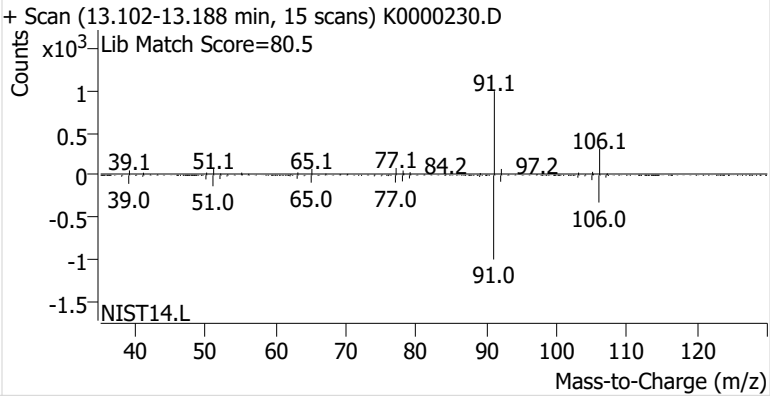
Toluene



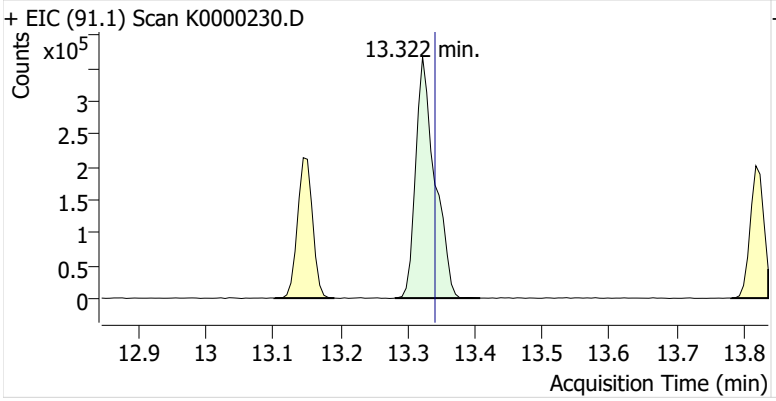


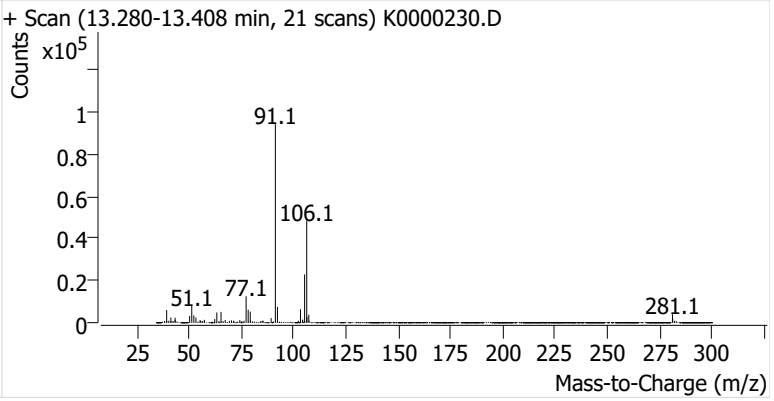
Ethylbenzene



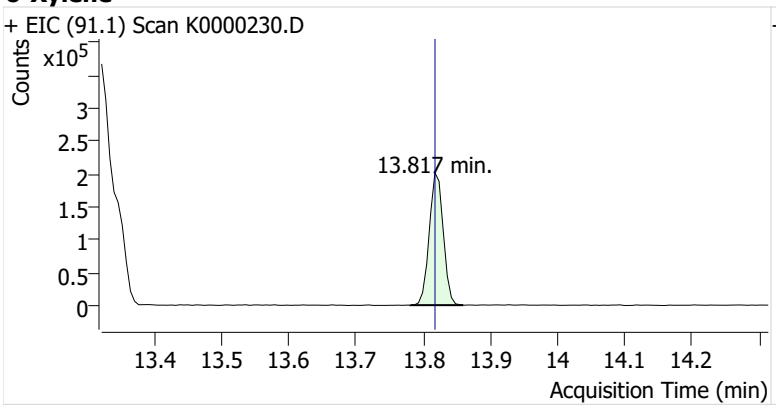


m-/p-Xylene





o-Xylene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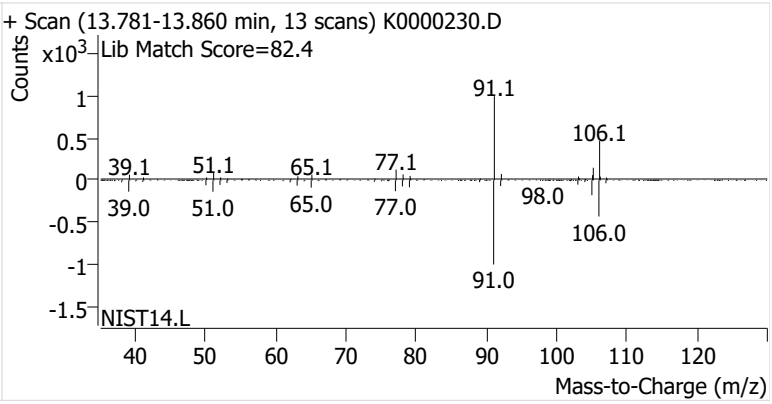
2.5
2
1.5
1
0.5
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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Lib Match Score=82.4
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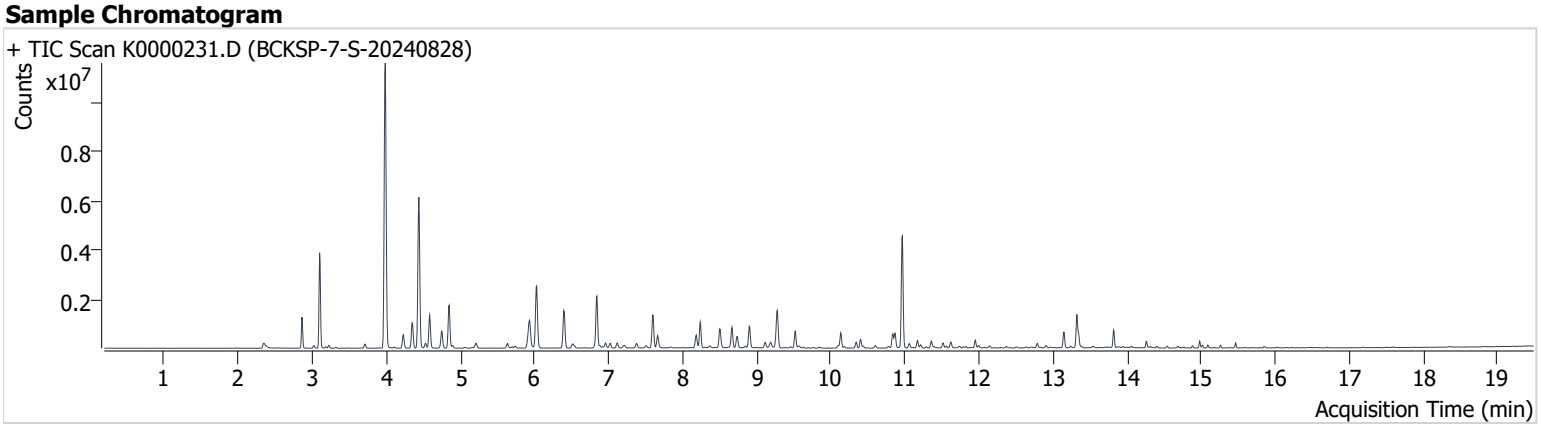
0
-0.5
-1
-1.5
91.1
106.1
39.1 51.1 65.1 77.1
98.0
39.0 51.0 65.0 77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

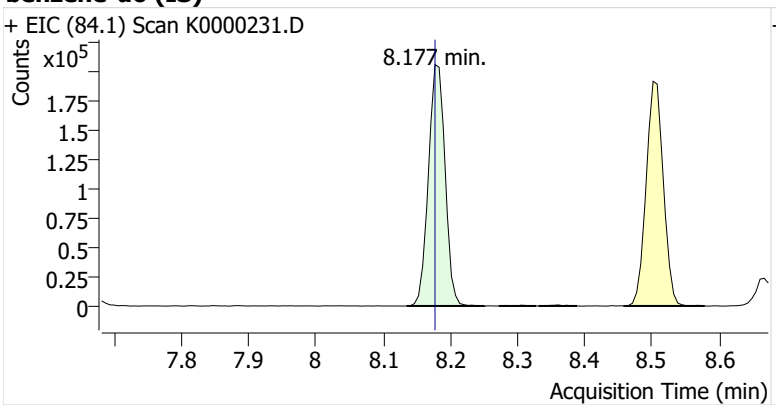
Name	BCKSP-7-S-20240828
Comment	B17400; Recollect
Data File	K0000231.D
Acq. Date-Time	9/17/2024 4:39:52 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

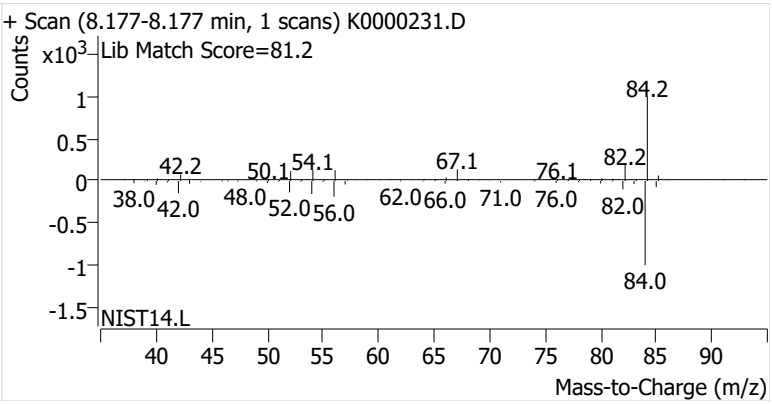
Sample Chromatogram



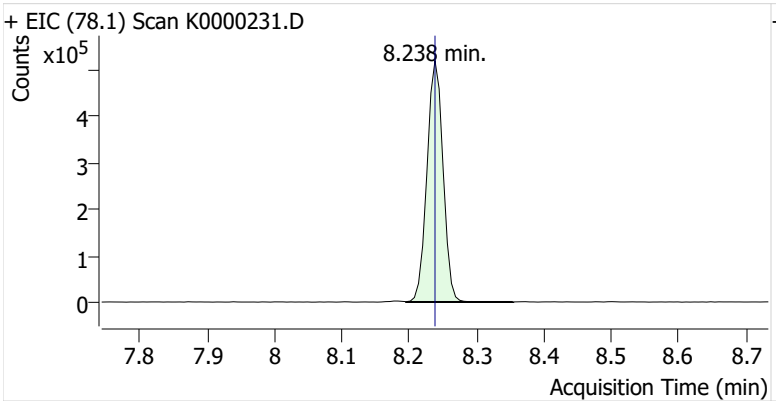
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	354,835	
Benzene	benzene-d6 (IS)	8.238	8.238	859,609	
Toluene-d8 (IS)		10.869	10.869	375,248	
Toluene	Toluene-d8 (IS)	10.961	10.967	2,840,579	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	447,786	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	945,007	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	375,703	

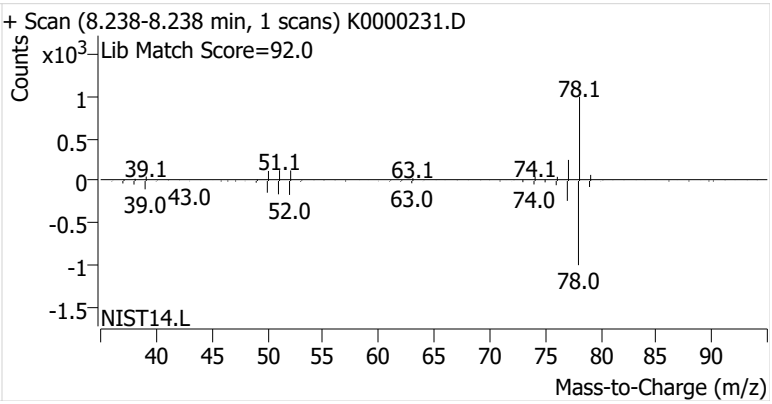
benzene-d6 (IS)



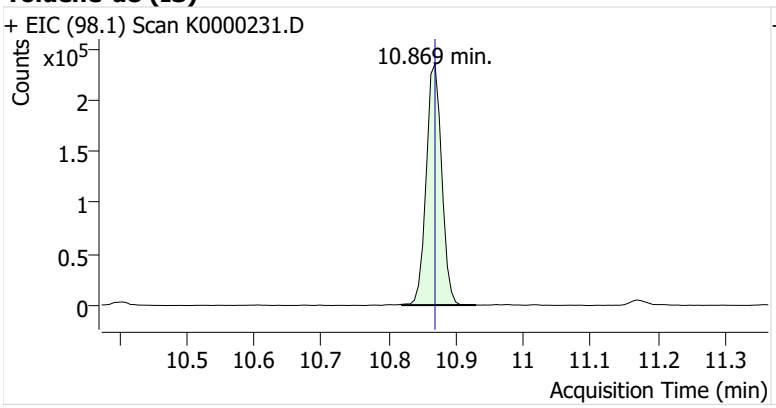


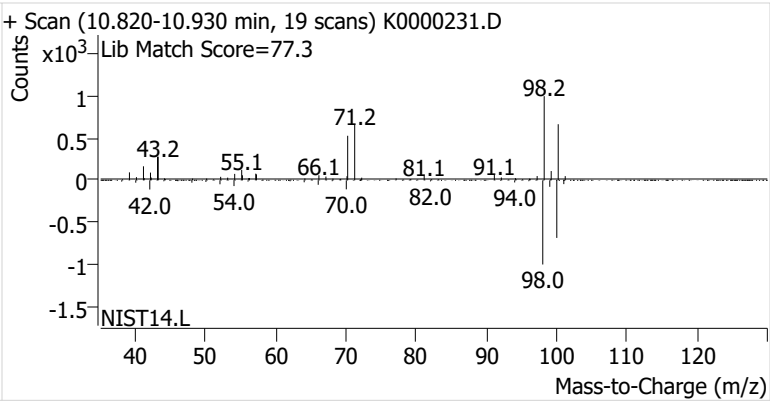
Benzene



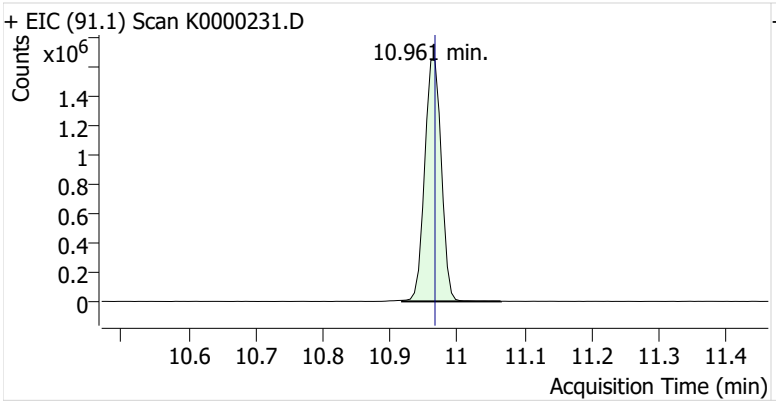


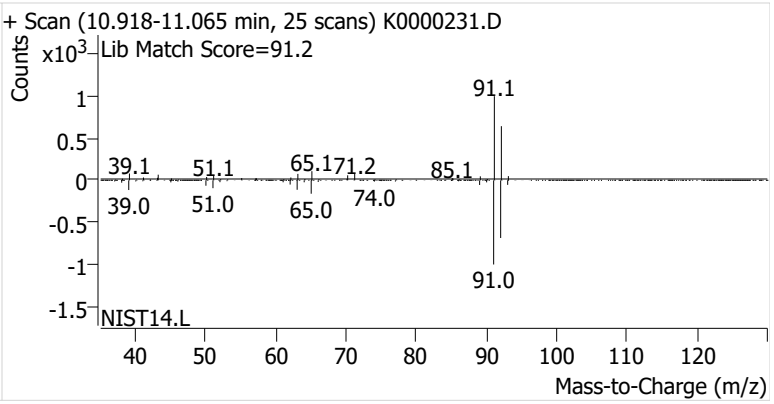
Toluene-d8 (IS)



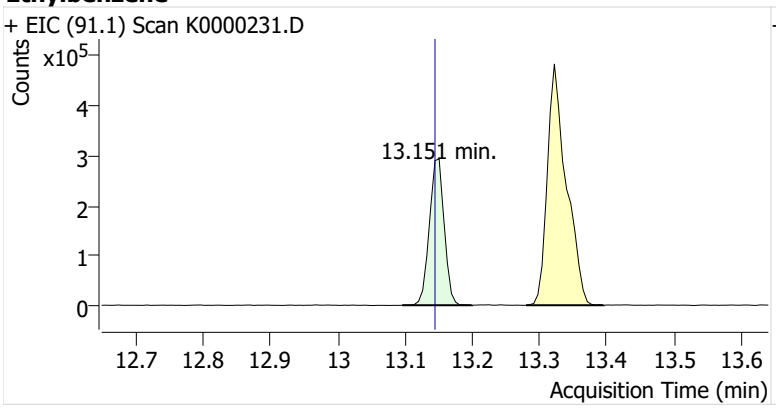


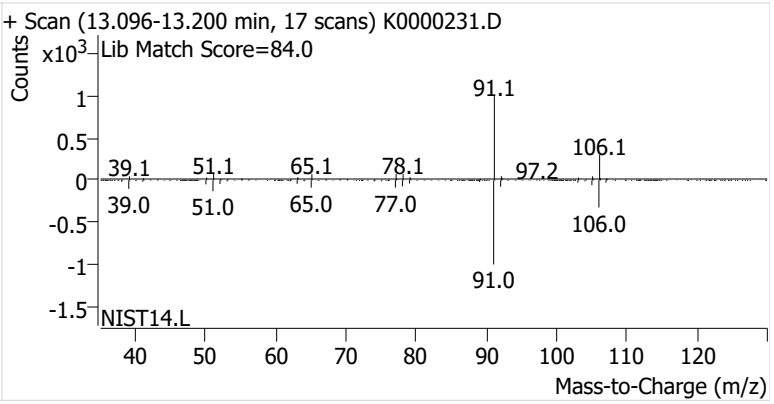
Toluene



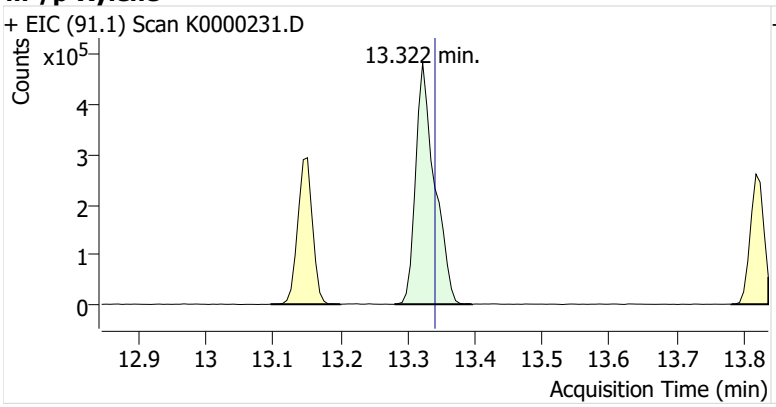


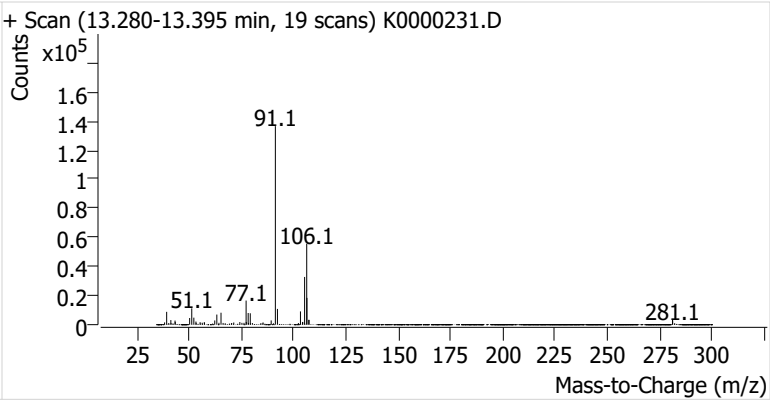
Ethylbenzene



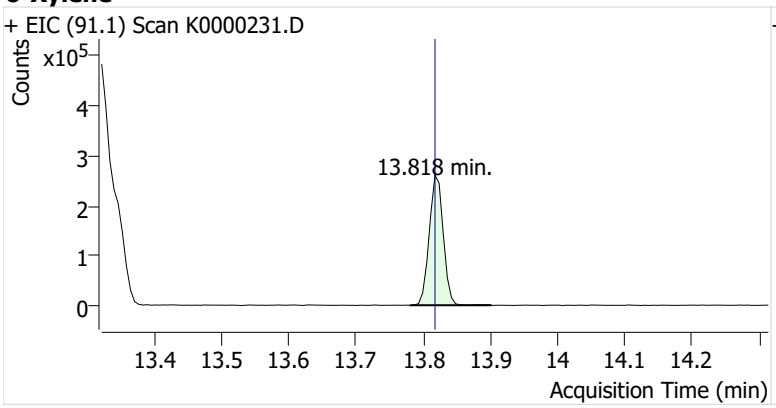


m-/p-Xylene





o-Xylene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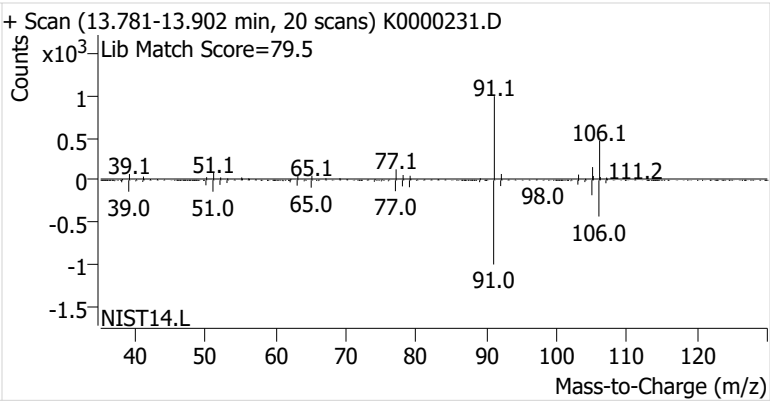
x10^5
4
3
2
1
0
13.818 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=79.5
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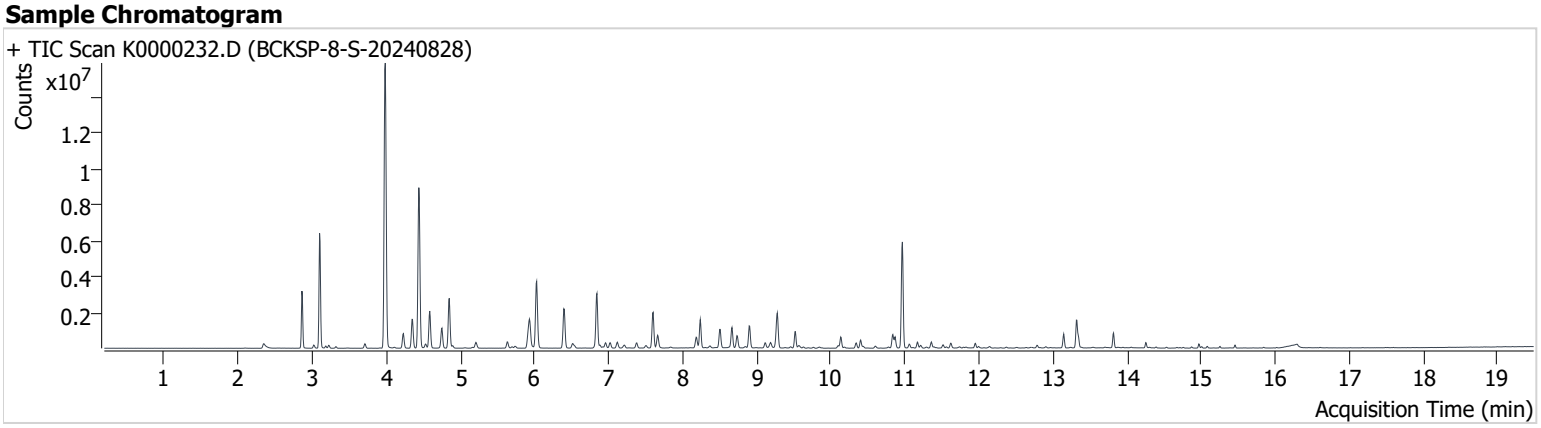
106.1
39.1
51.1
65.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

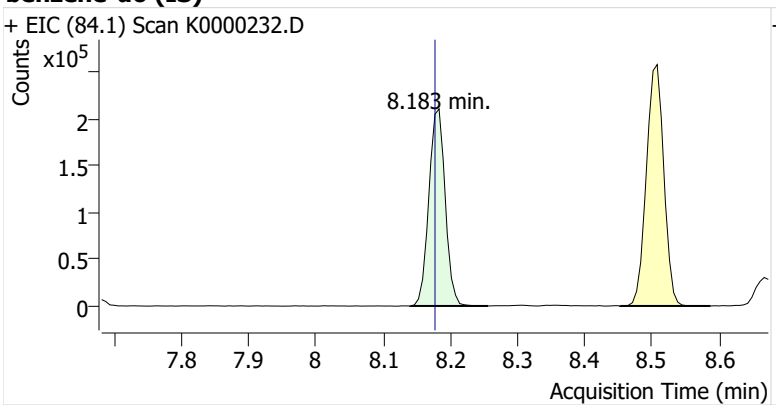
Name	BCKSP-8-S-20240828
Comment	B19724: Recollect
Data File	K0000232.D
Acq. Date-Time	9/17/2024 5:06:34 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

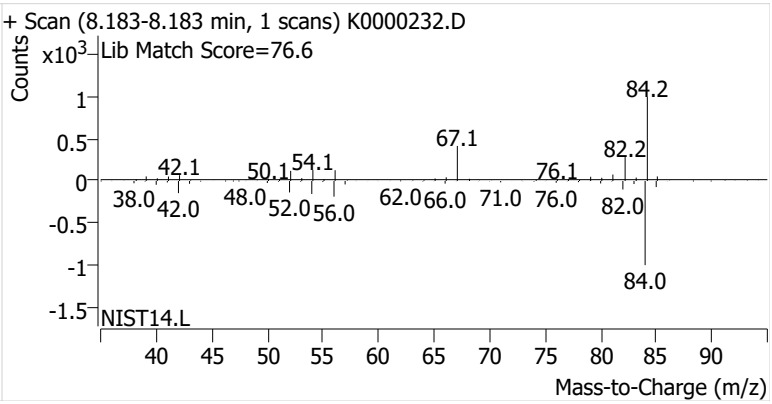
Sample Chromatogram



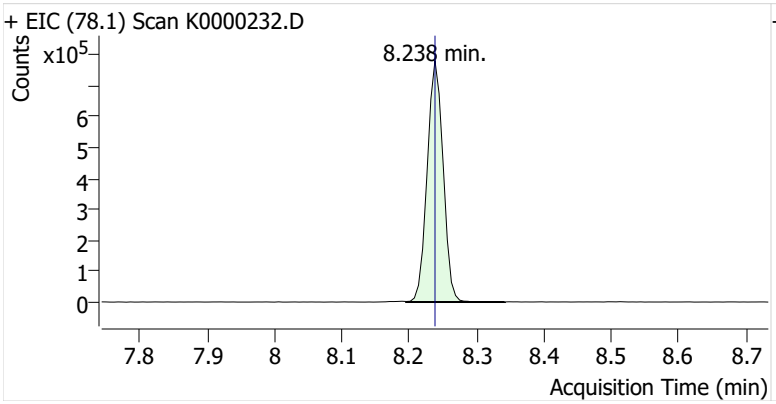
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.183	8.177	354,793	
Benzene	benzene-d6 (IS)	8.238	8.238	1,282,806	
Toluene-d8 (IS)		10.869	10.869	376,916	
Toluene	Toluene-d8 (IS)	10.967	10.967	3,569,390	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	523,601	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	1,137,861	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	437,412	

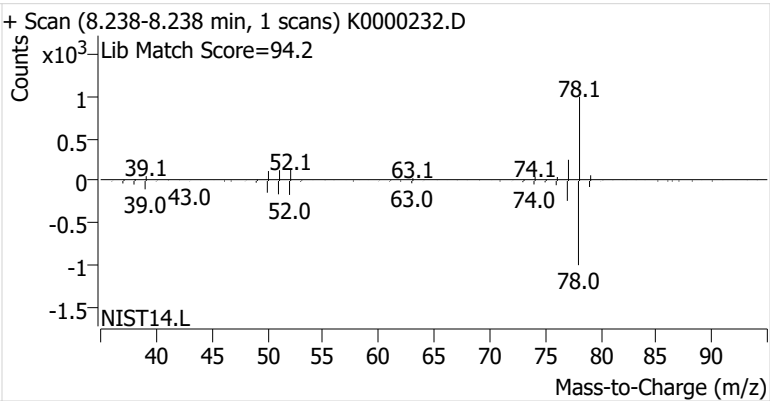
benzene-d6 (IS)



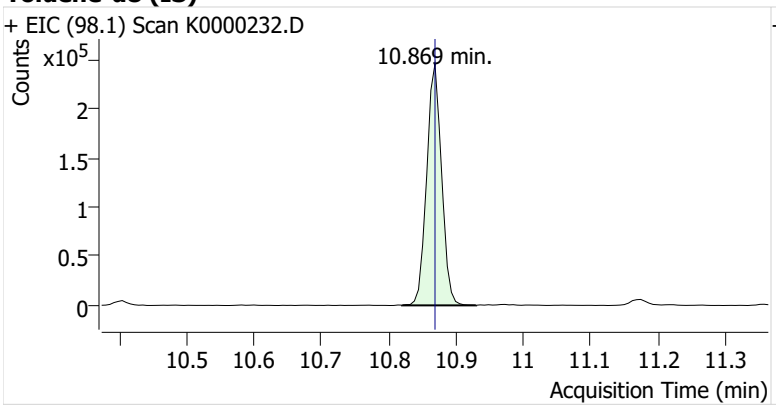


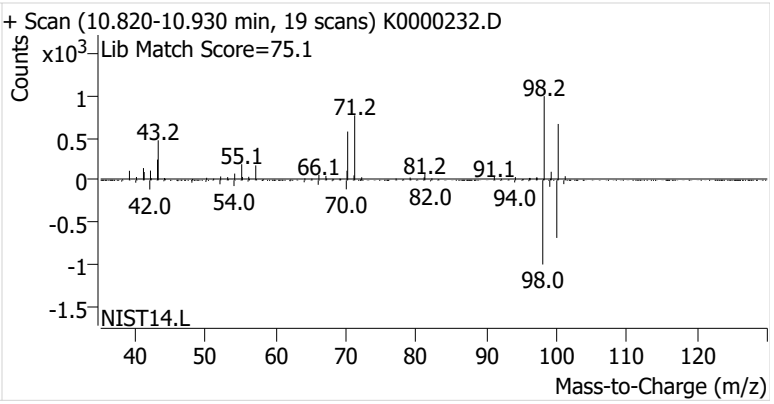
Benzene



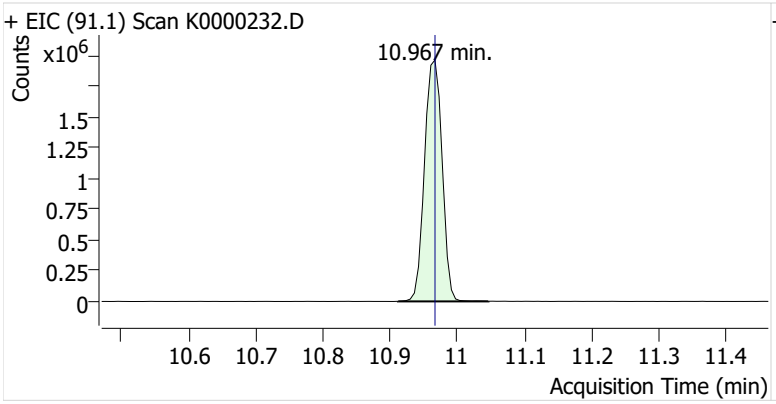


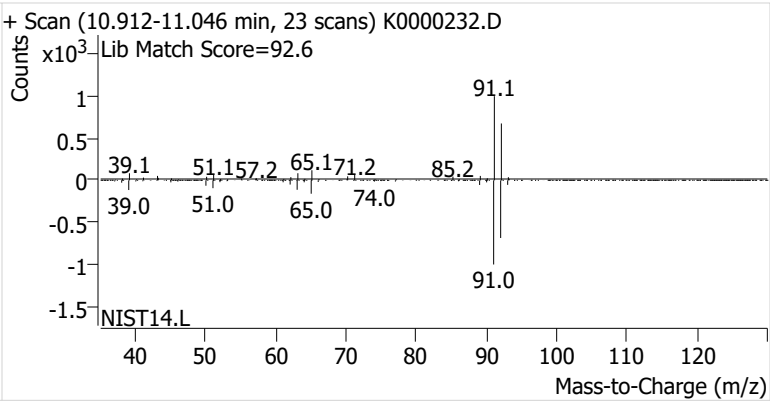
Toluene-d8 (IS)



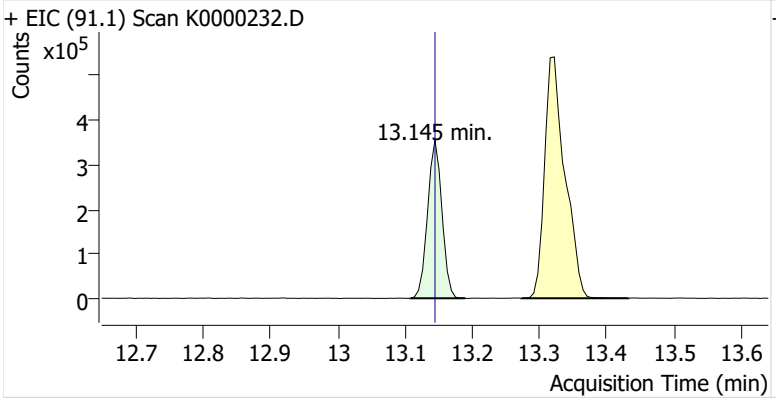


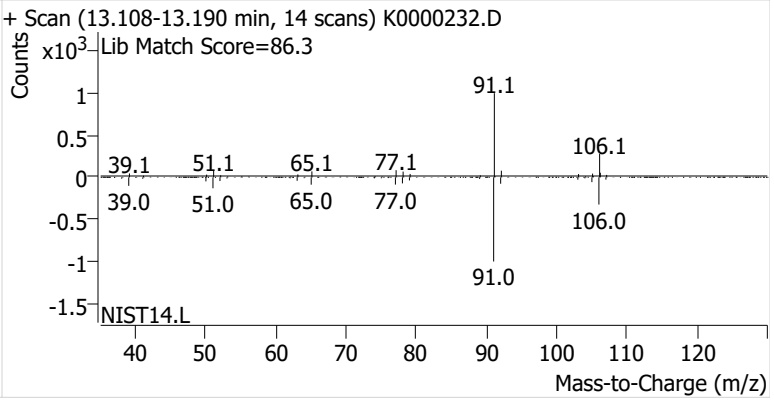
Toluene



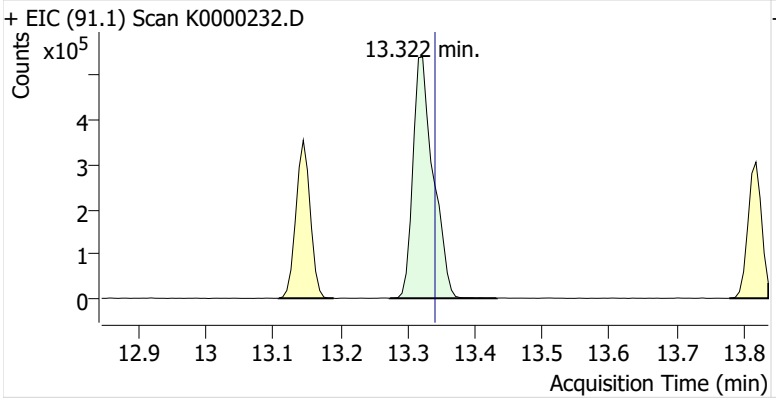


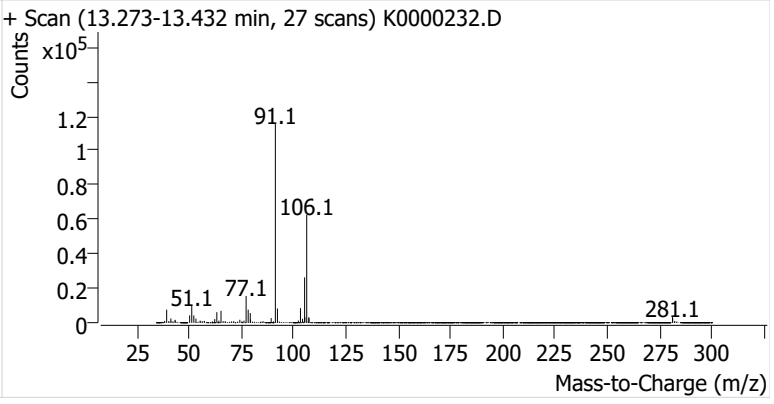
Ethylbenzene



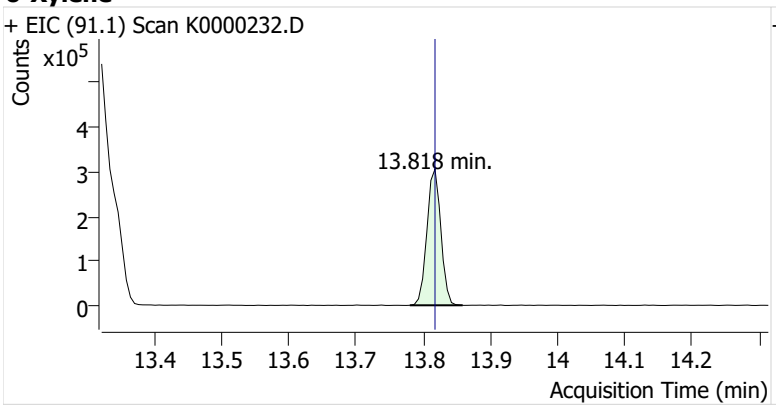


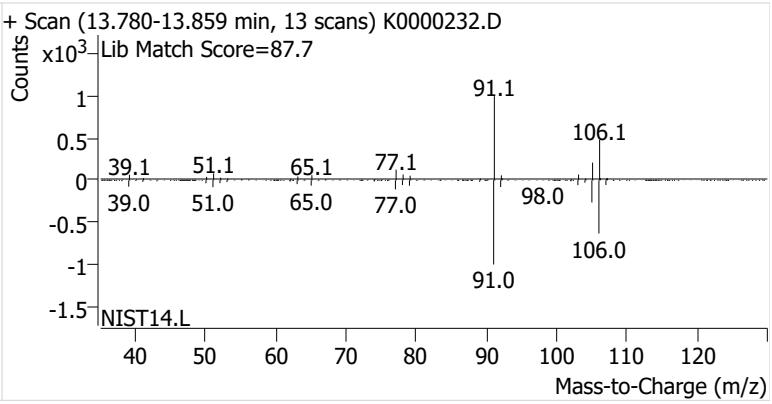
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000232.D
Counts
x10^5
4
3
2
1
0
13.818 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=87.7
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51.1
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77.1
98.0
39.0
51.0
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106.0
91.0
NIST14.L
40
50
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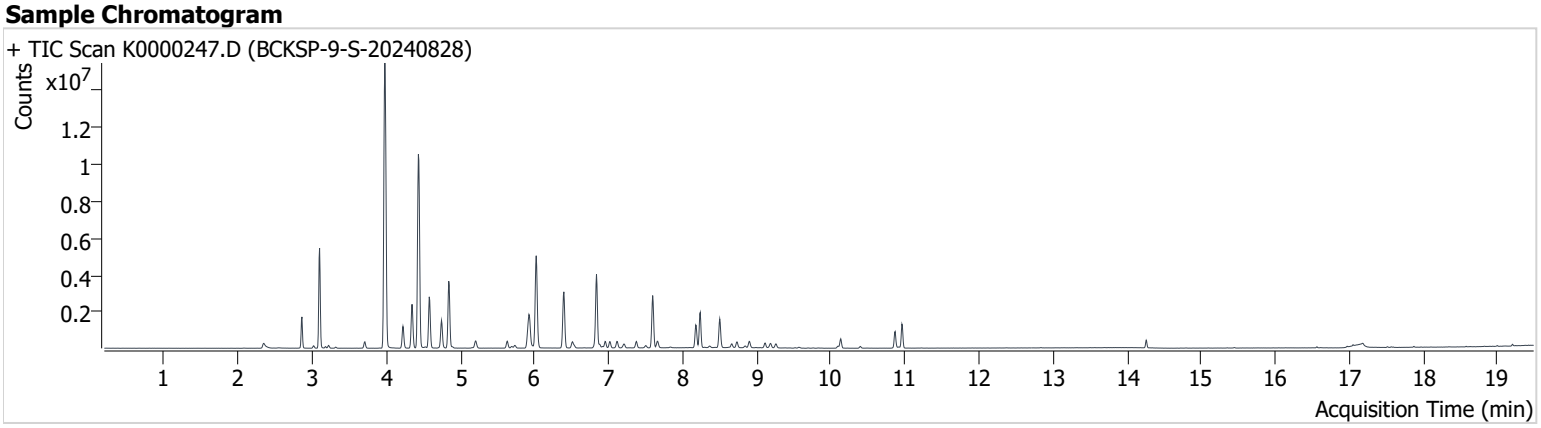
70
80
90
100
110
120
Mass-to-Charge (m/z)

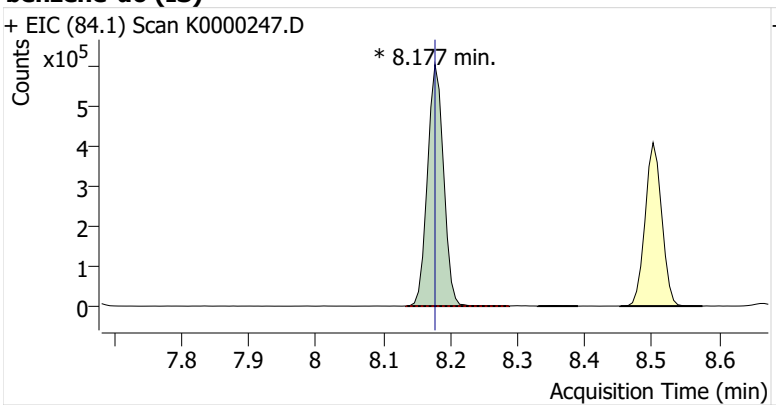
Name	BCKSP-9-S-20240828
Comment	C01665
Data File	K0000247.D
Acq. Date-Time	9/18/2024 3:29:35 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

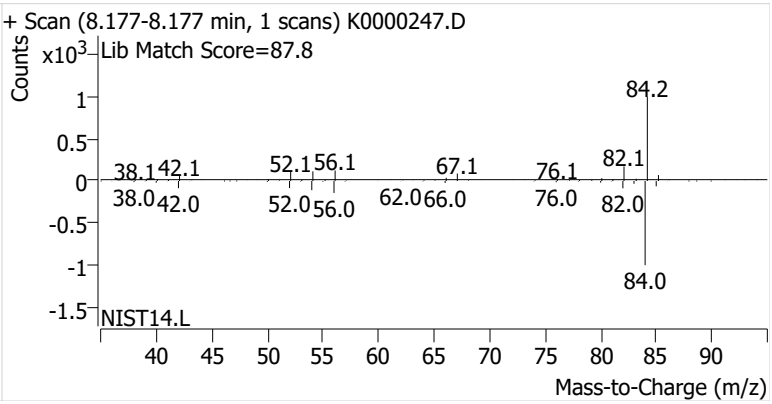
Sample Chromatogram



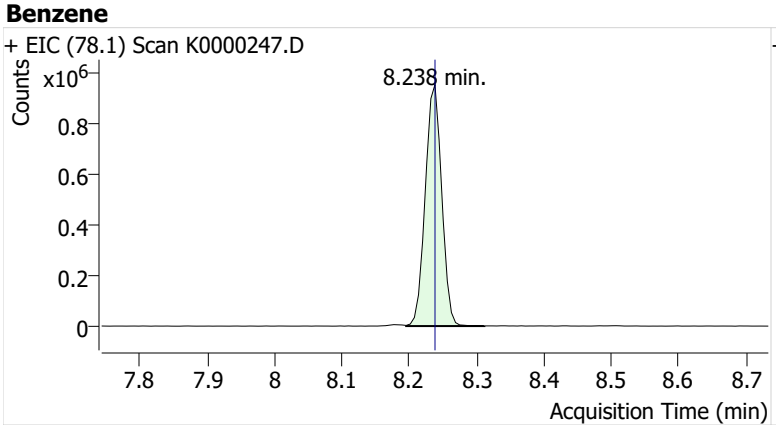
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	1,003,007	m
Benzene	benzene-d6 (IS)	8.238	8.238	1,623,123	
Toluene-d8 (IS)		10.869	10.869	593,990	
Toluene	Toluene-d8 (IS)	10.960	10.967	917,799	
Ethylbenzene	Toluene-d8 (IS)	13.157	13.145	3,351	
m-/p-Xylene	Toluene-d8 (IS)	13.328	13.340	2,139	
o-Xylene	Toluene-d8 (IS)	14.032	13.818	170	

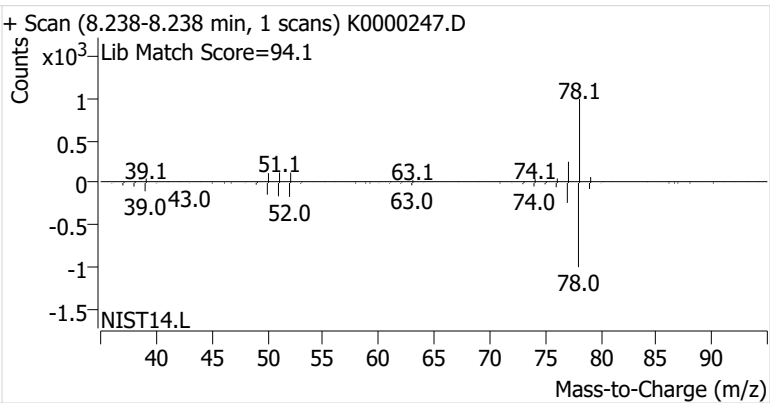
benzene-d6 (IS)



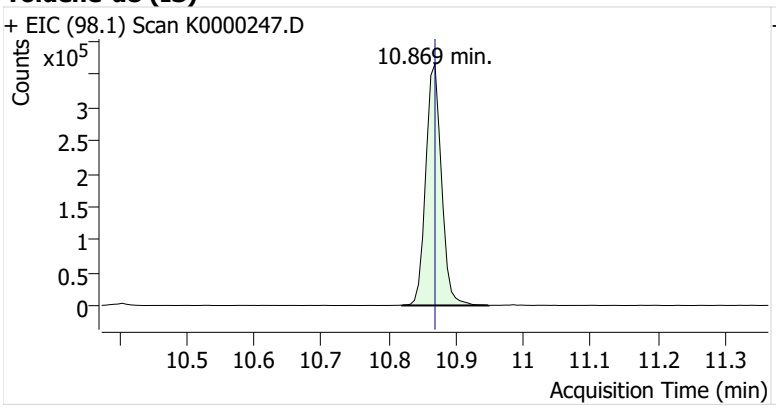


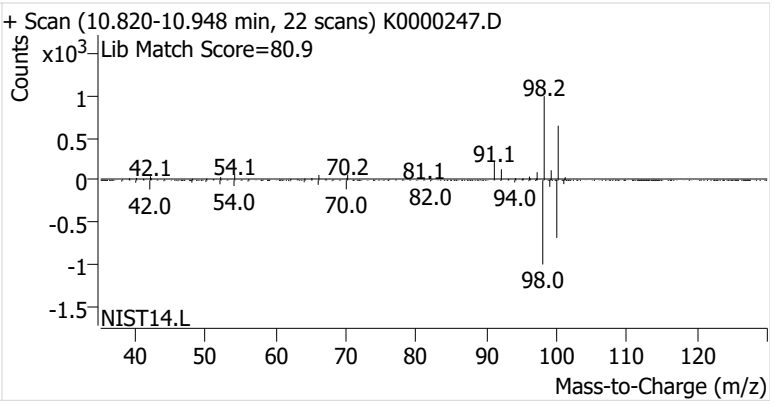
Benzene



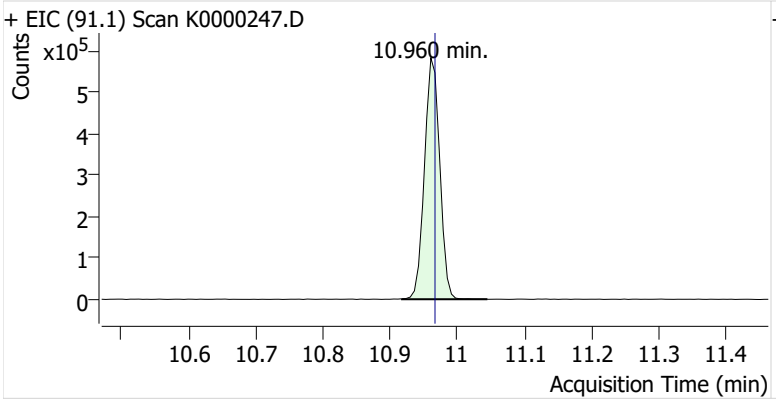


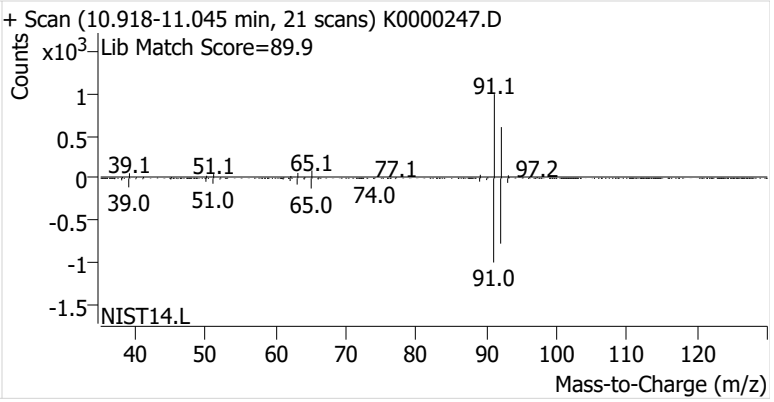
Toluene-d8 (IS)



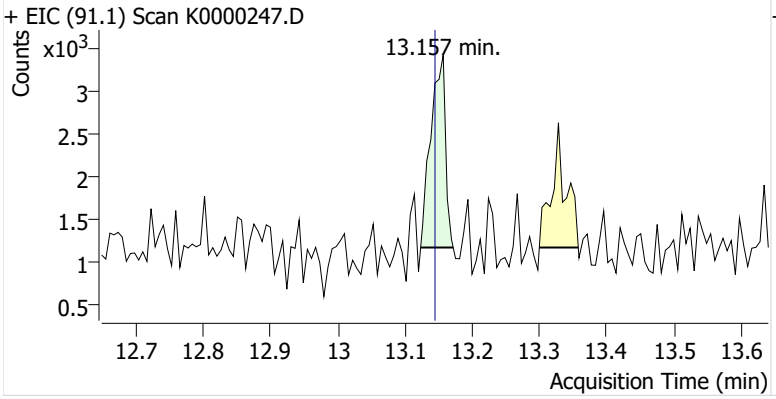


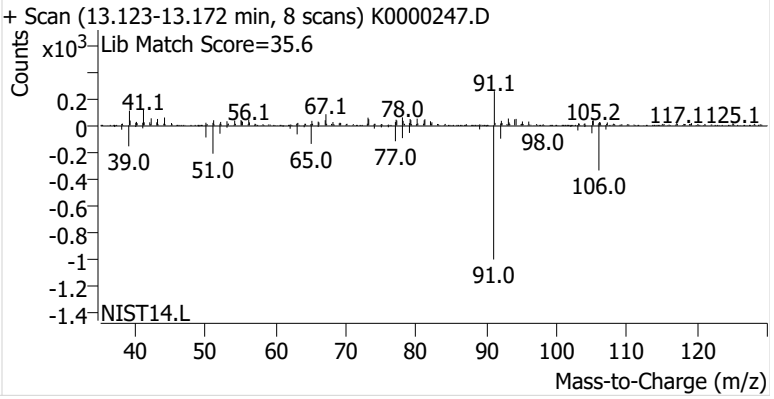
Toluene



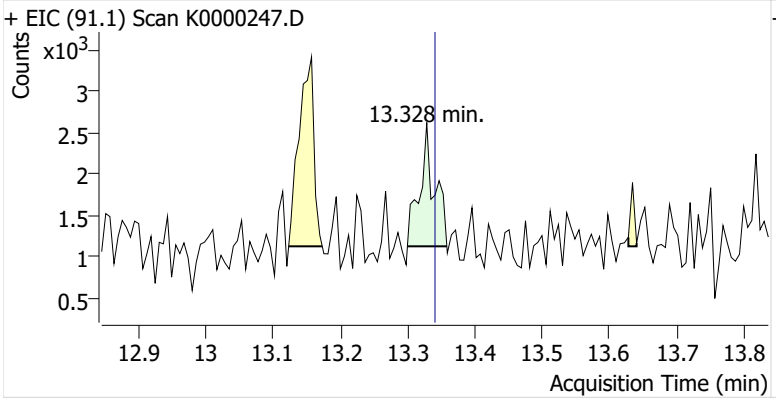


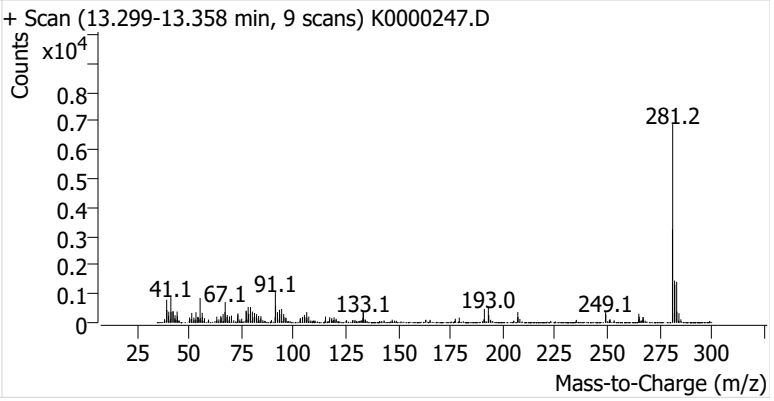
Ethylbenzene



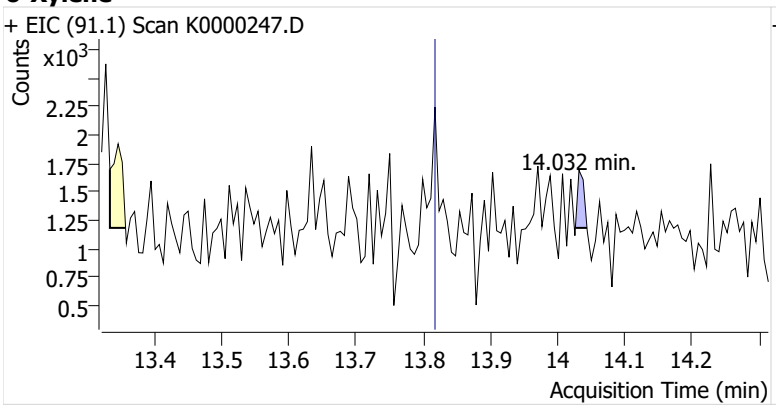


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000247.D
Counts
x10^3
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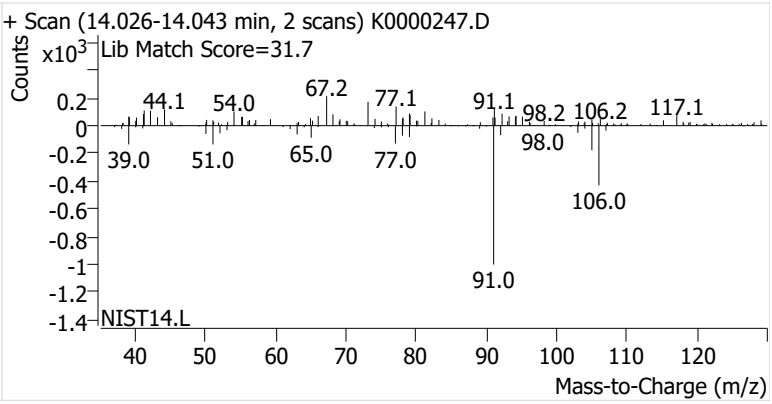
2
1.75
1.5
1.25
1
0.75
0.5
14.032 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=31.7
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0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
44.1
54.0
67.2
77.1
91.1
98.2
106.2
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
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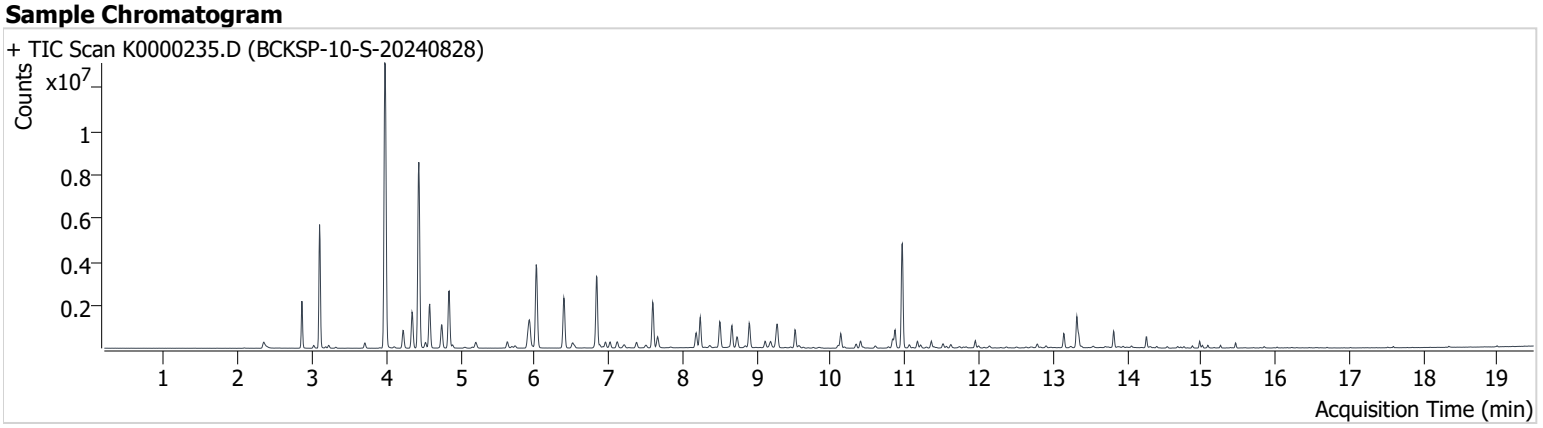
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

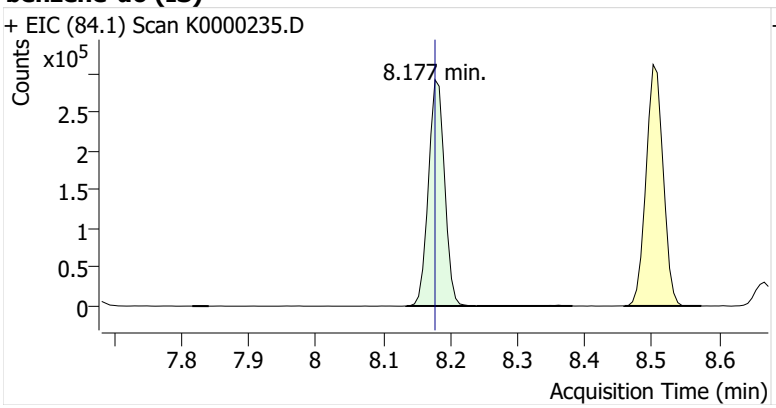
Name	BCKSP-10-S-20240828
Comment	C01677; Recollect
Data File	K0000235.D
Acq. Date-Time	9/17/2024 6:28:25 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

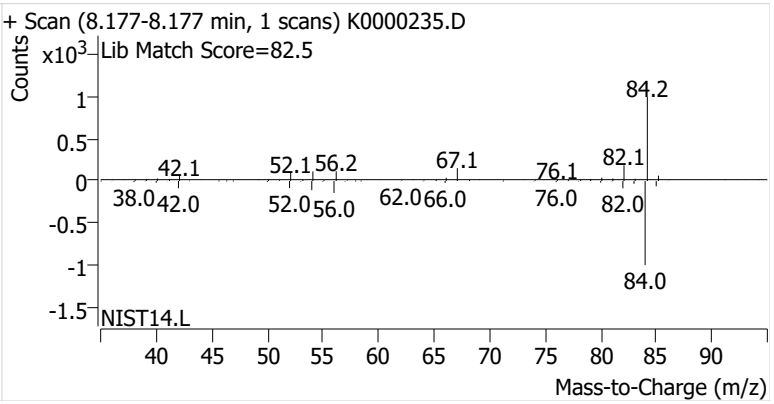
Sample Chromatogram



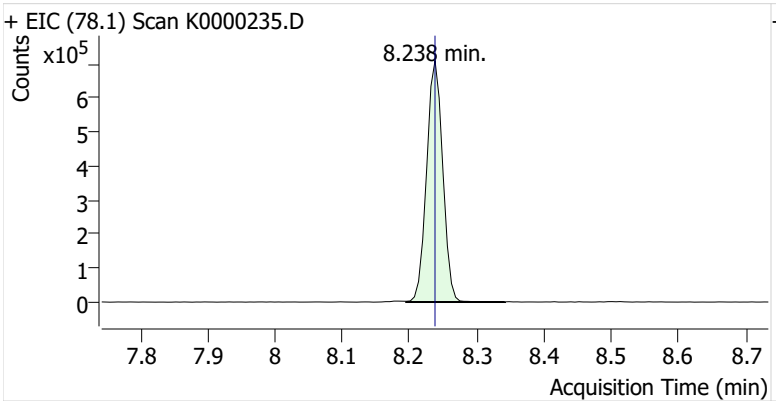
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	486,606	
Benzene	benzene-d6 (IS)	8.238	8.238	1,180,022	
Toluene-d8 (IS)		10.869	10.869	530,111	
Toluene	Toluene-d8 (IS)	10.967	10.967	3,157,038	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	456,203	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	1,042,942	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	408,631	

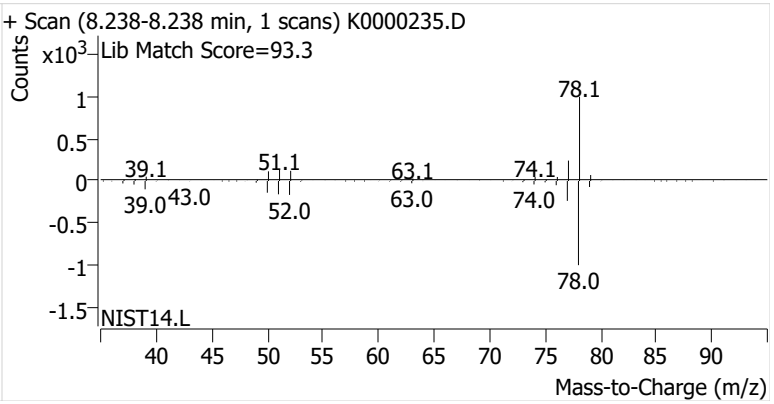
benzene-d6 (IS)



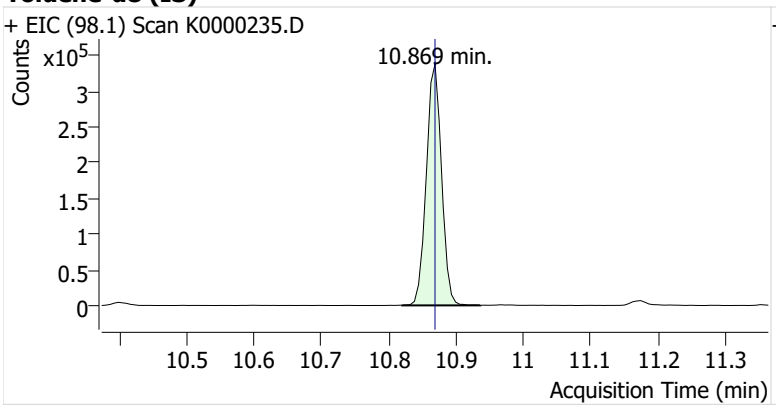


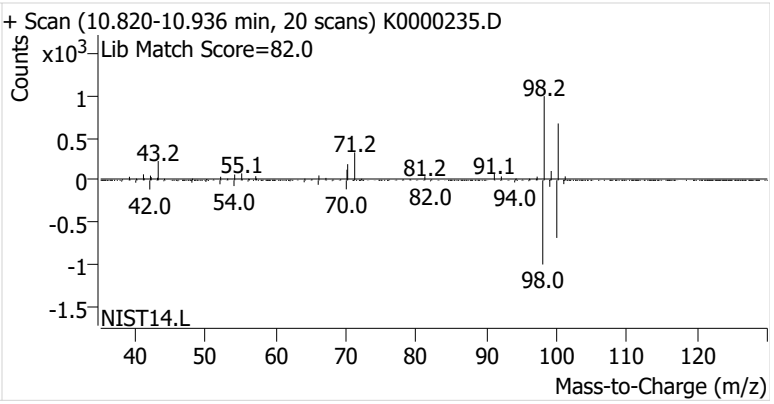
Benzene



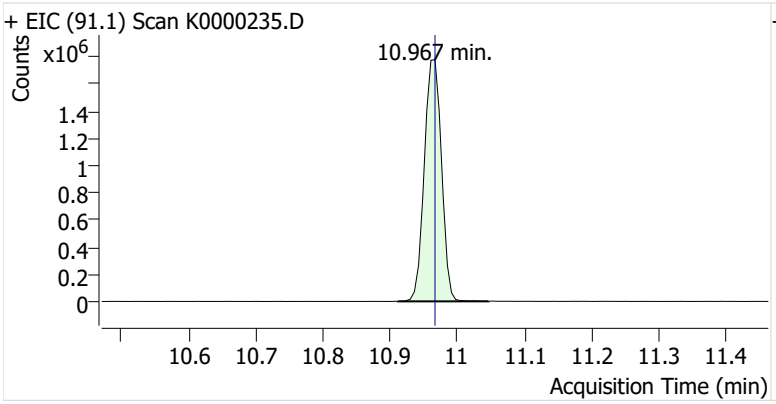


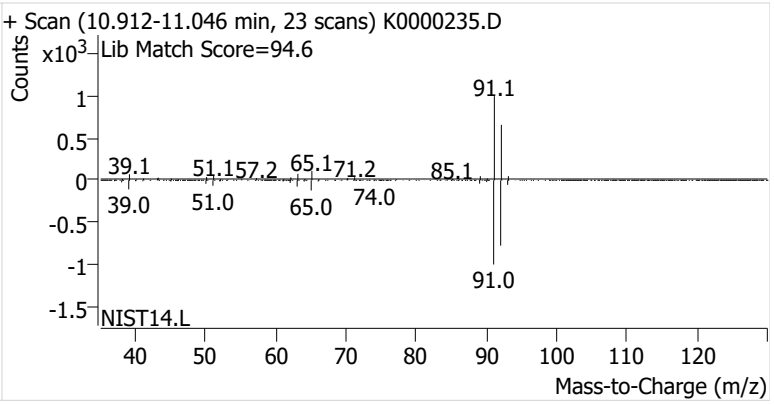
Toluene-d8 (IS)



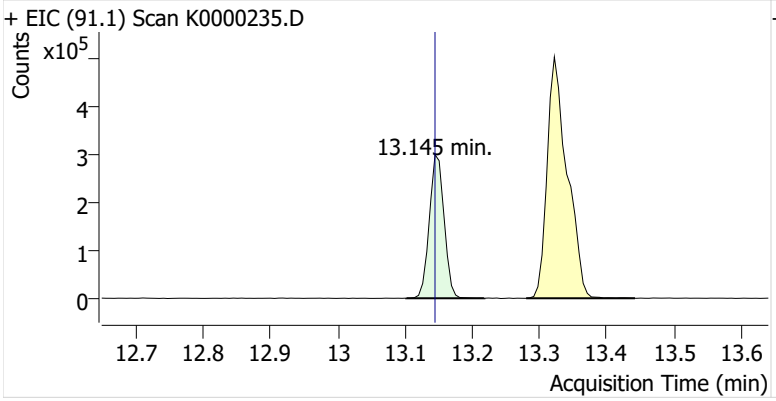


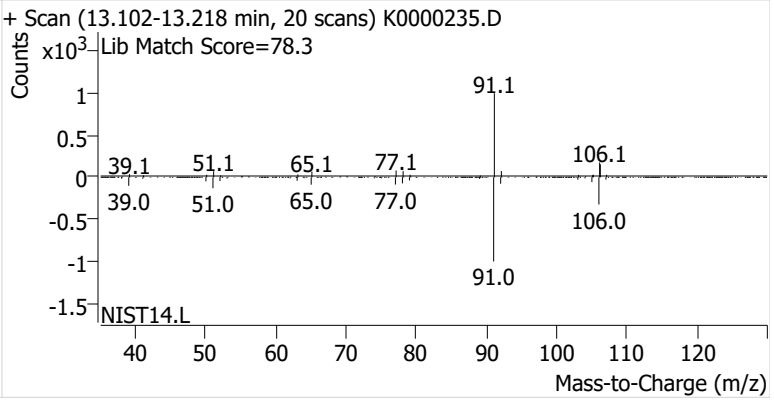
Toluene



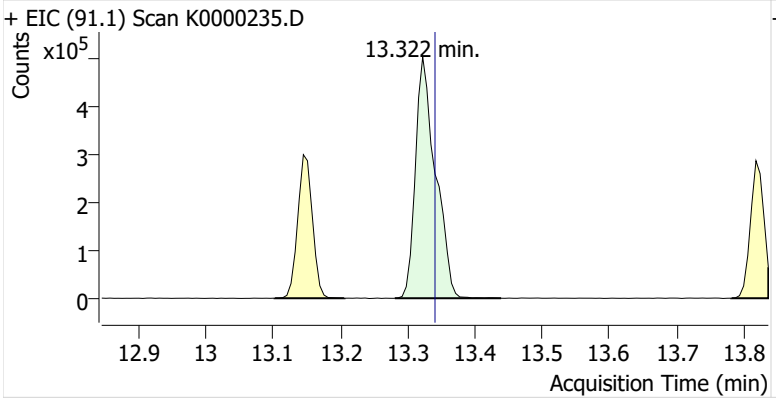


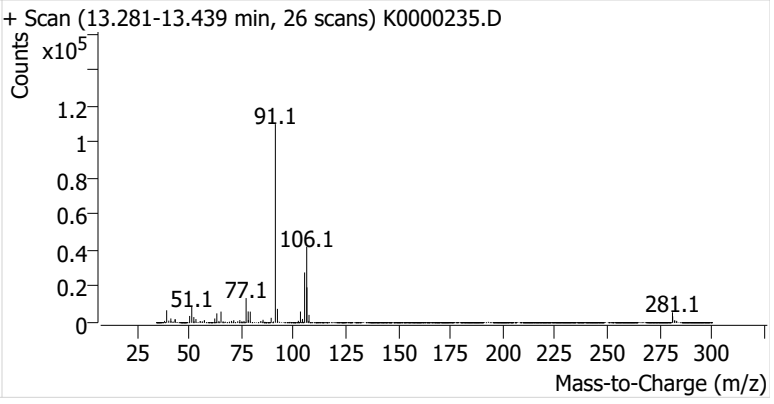
Ethylbenzene



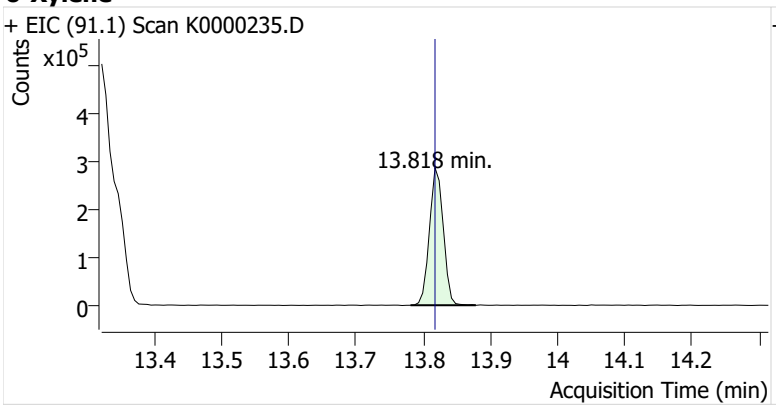


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000235.D
Counts
x10^5
4
3
2
1
0
13.818 min.
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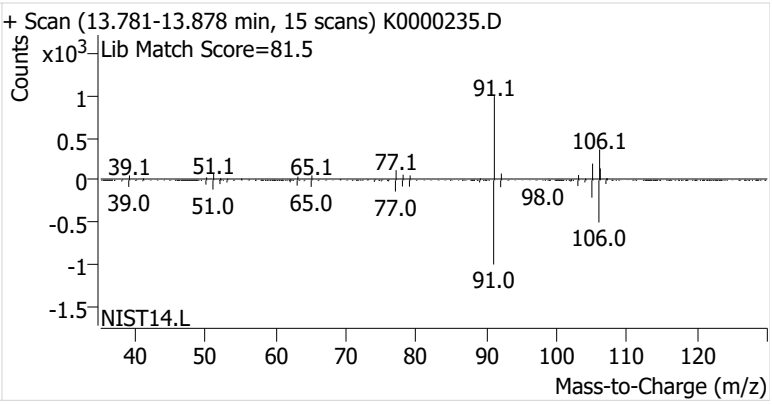
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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-1.5
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65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
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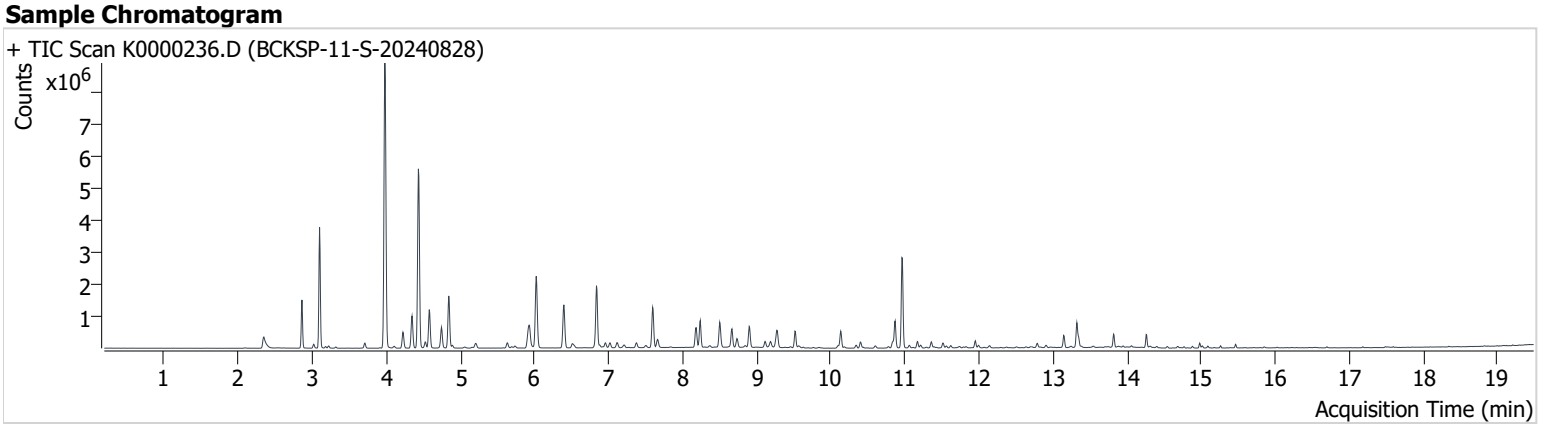
100
110
120
Mass-to-Charge (m/z)

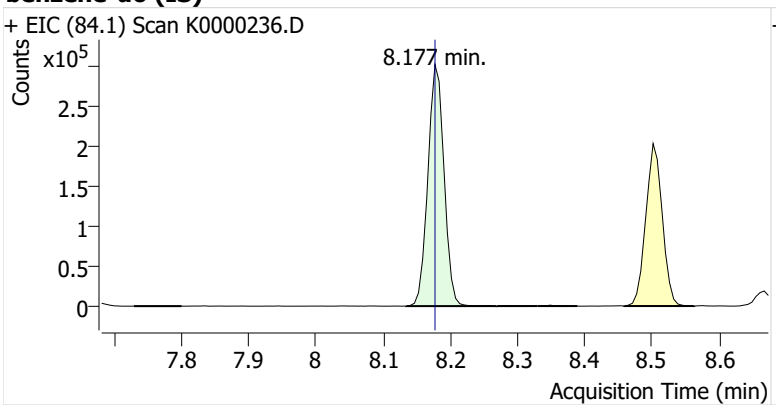
Name	BCKSP-11-S-20240828
Comment	B31783; Recollect
Data File	K0000236.D
Acq. Date-Time	9/17/2024 6:55:09 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

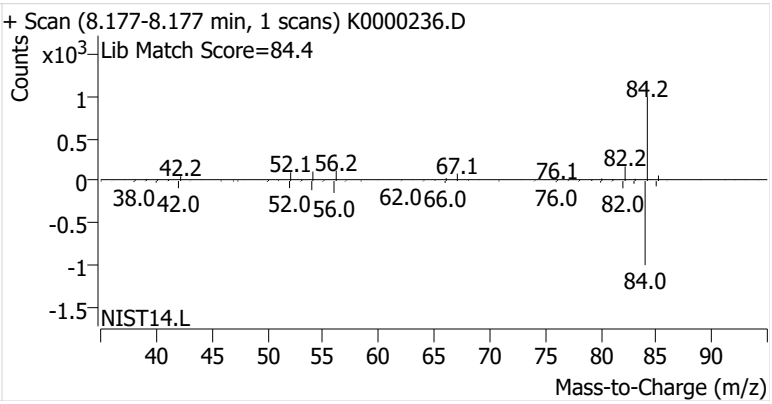
Sample Chromatogram



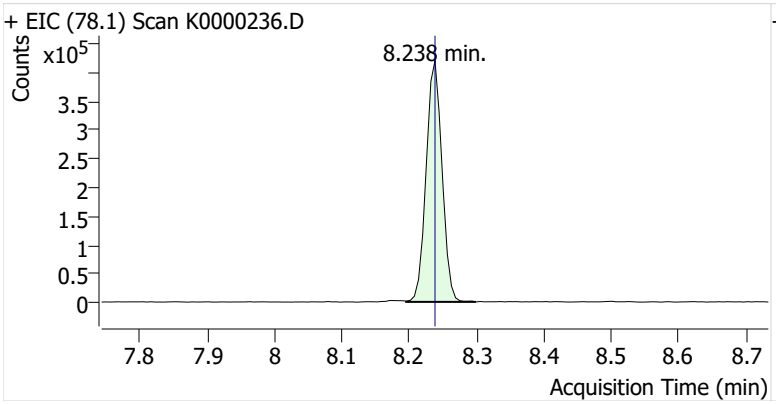
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	501,112	
Benzene	benzene-d6 (IS)	8.238	8.238	688,417	
Toluene-d8 (IS)		10.869	10.869	543,822	
Toluene	Toluene-d8 (IS)	10.961	10.967	1,921,968	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	260,458	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	547,552	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	218,124	

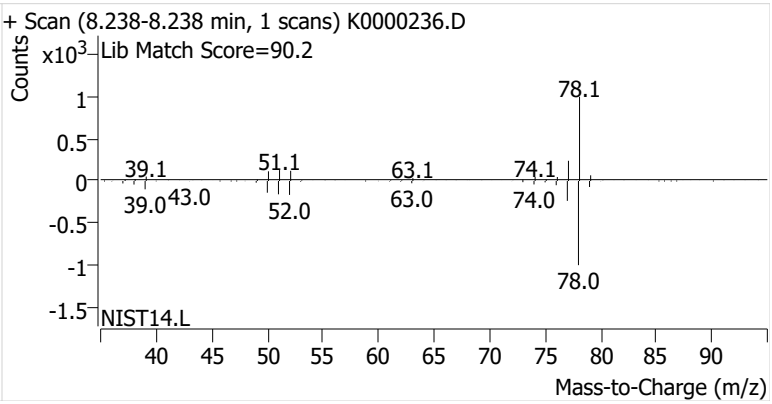
benzene-d6 (IS)



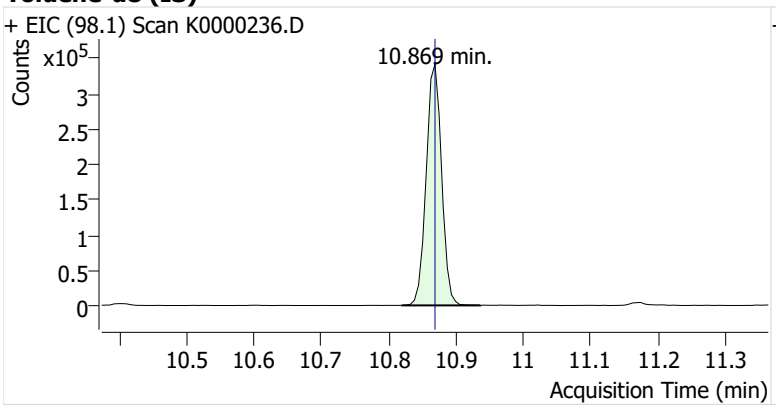


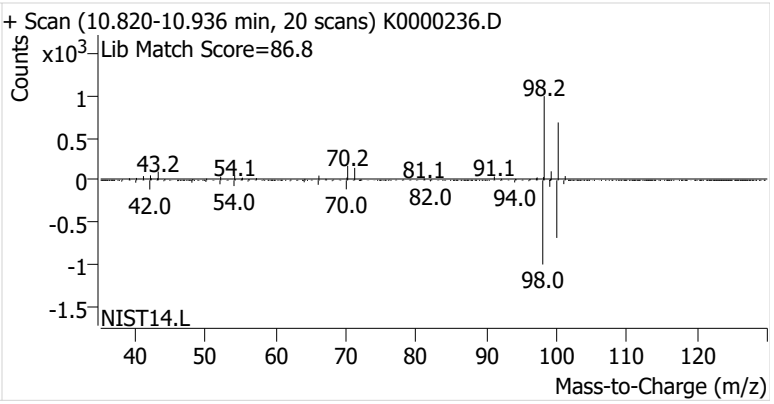
Benzene



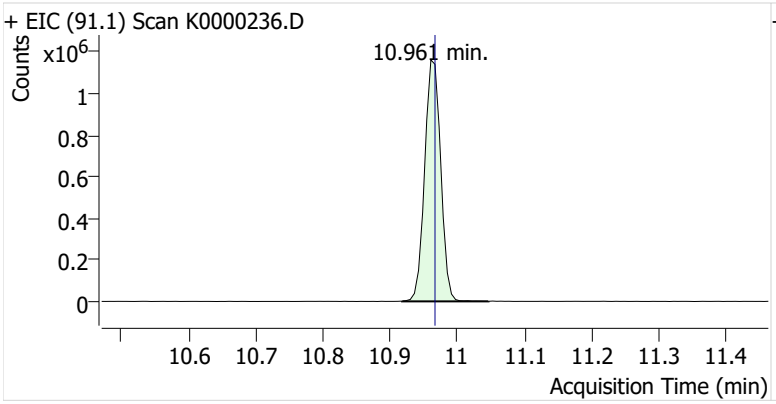


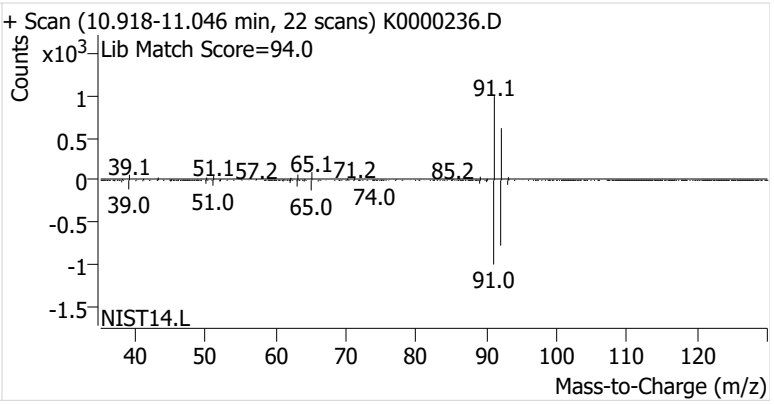
Toluene-d8 (IS)



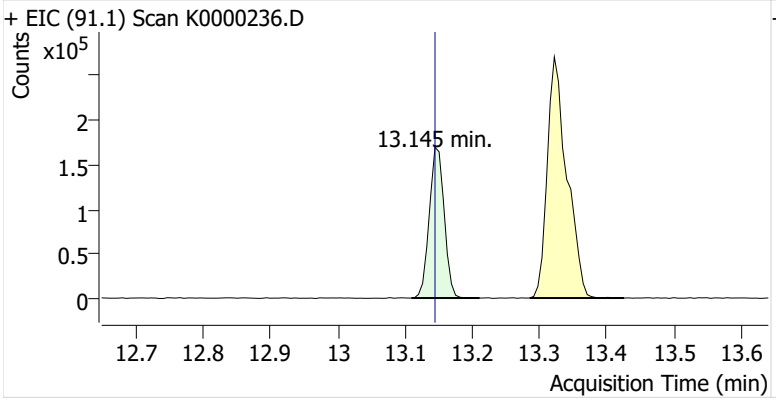


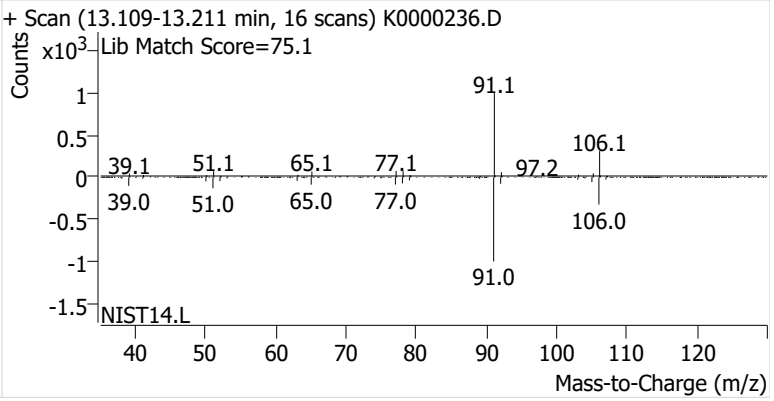
Toluene



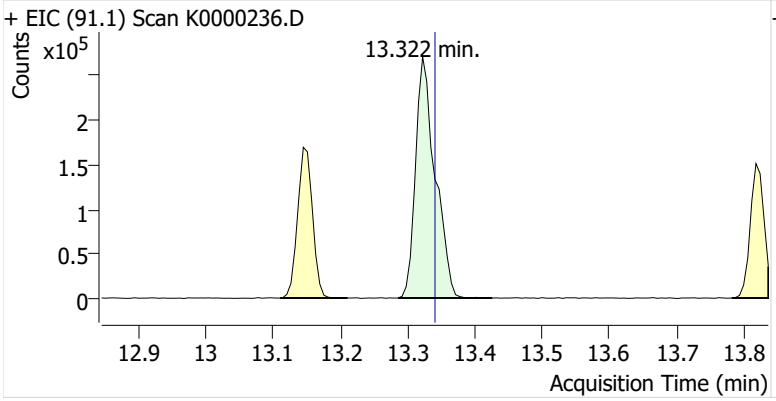


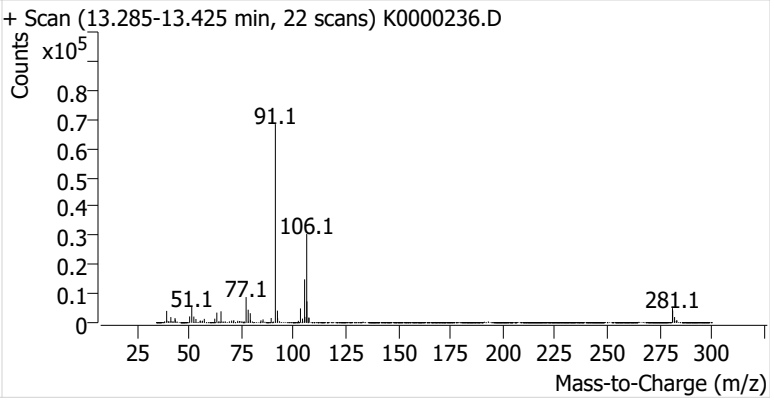
Ethylbenzene



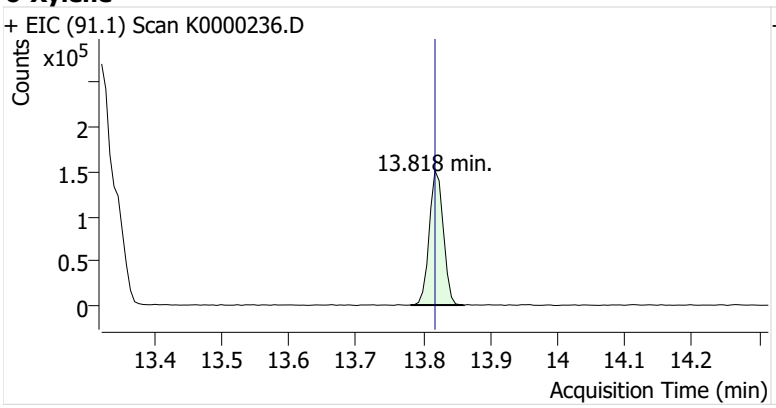


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000236.D
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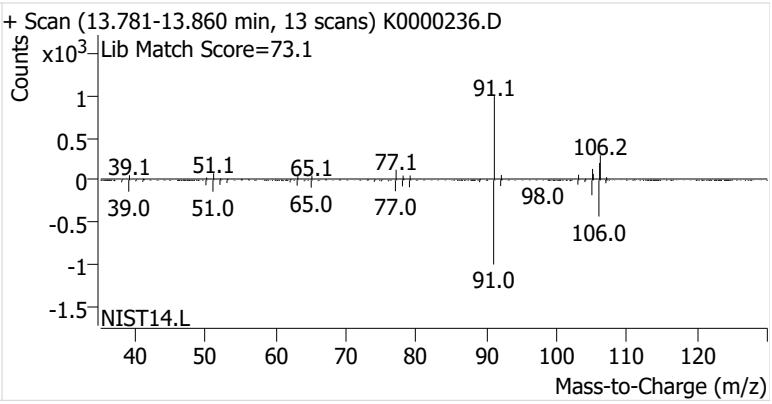
2
1.5
1
0.5
0
13.818 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.781-13.860 min, 13 scans) K0000236.D
Lib Match Score=73.1
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77.1
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39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
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50
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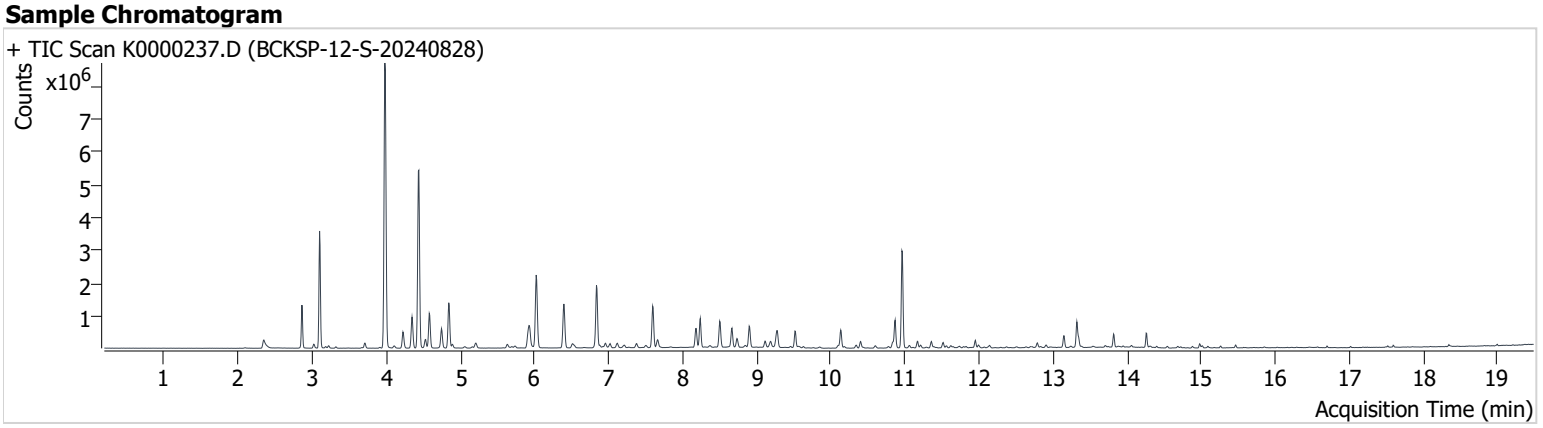
100
110
120
Mass-to-Charge (m/z)

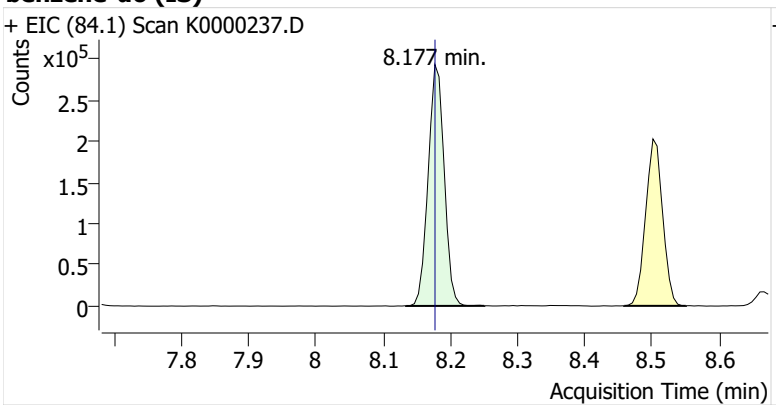
Name	BCKSP-12-S-20240828
Comment	B47064; Recollect
Data File	K0000237.D
Acq. Date-Time	9/17/2024 7:21:50 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

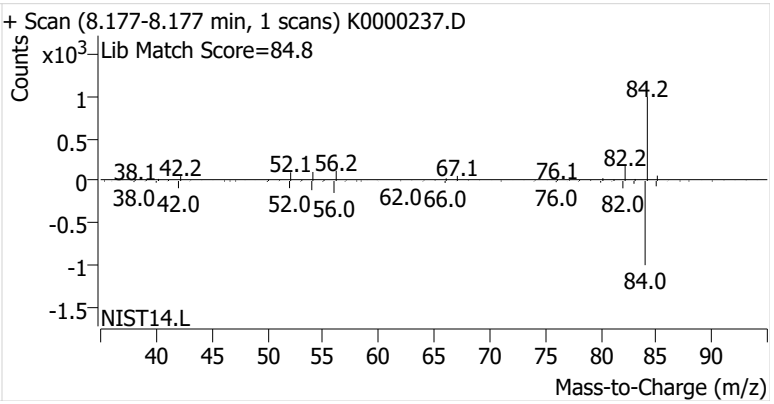
Sample Chromatogram



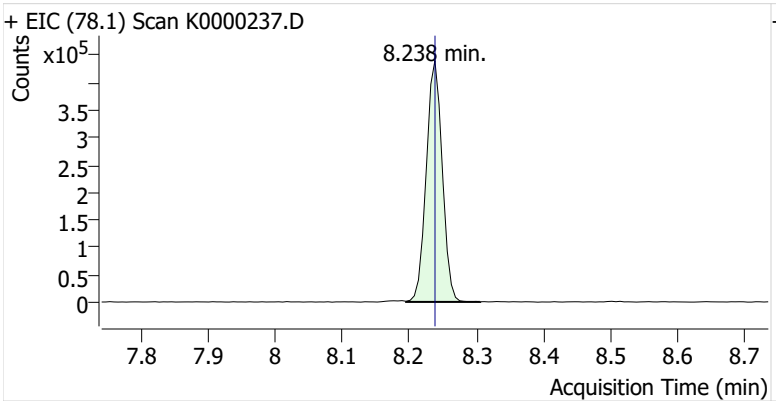
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	485,264	
Benzene	benzene-d6 (IS)	8.238	8.238	726,069	
Toluene-d8 (IS)		10.869	10.869	536,838	
Toluene	Toluene-d8 (IS)	10.960	10.967	2,004,105	
Ethylbenzene	Toluene-d8 (IS)	13.144	13.145	251,809	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	549,813	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	213,979	

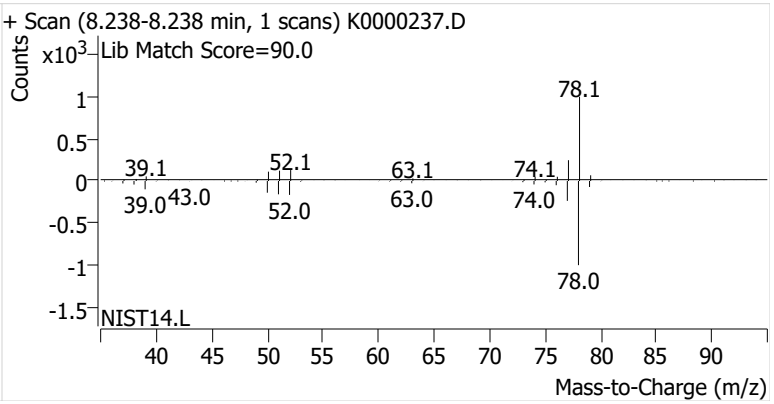
benzene-d6 (IS)



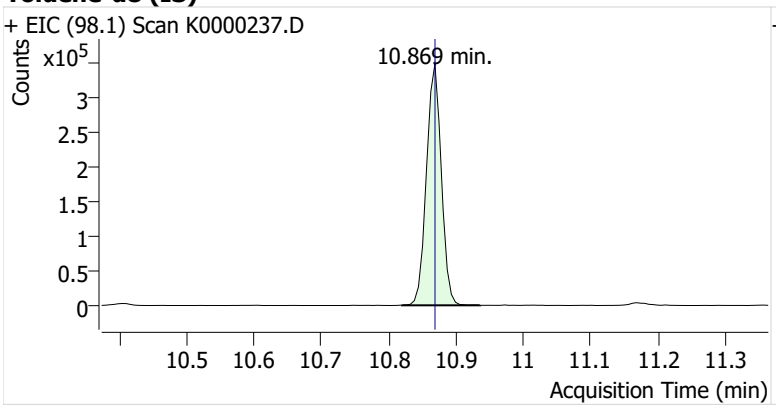


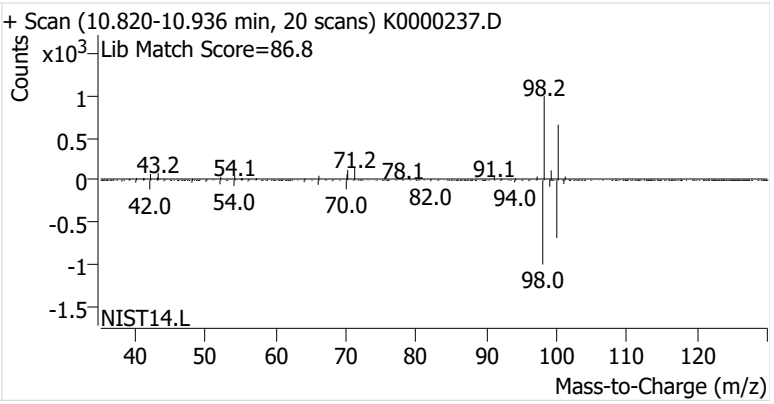
Benzene



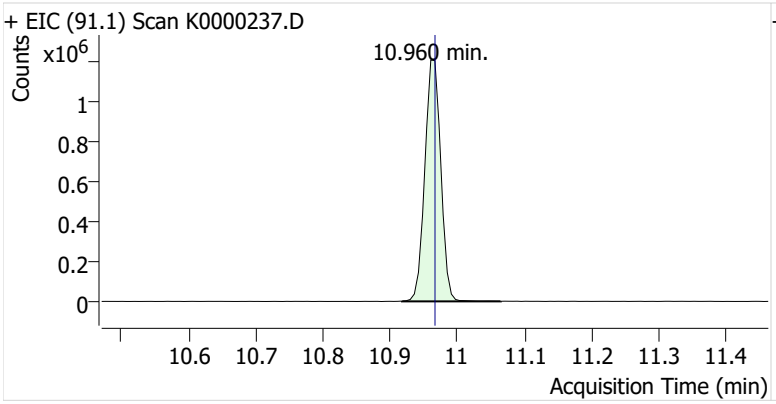


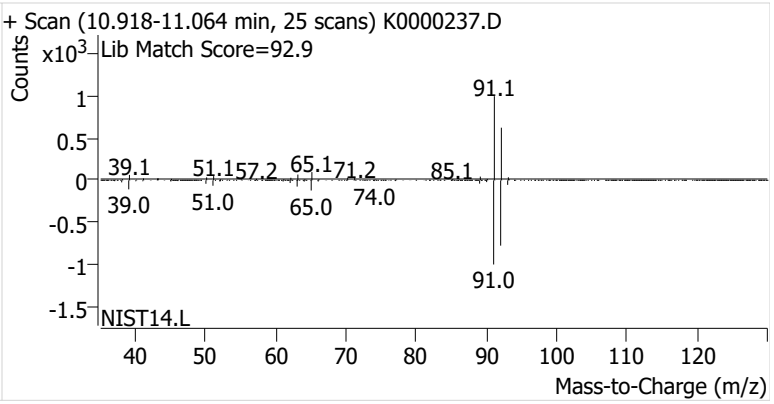
Toluene-d8 (IS)



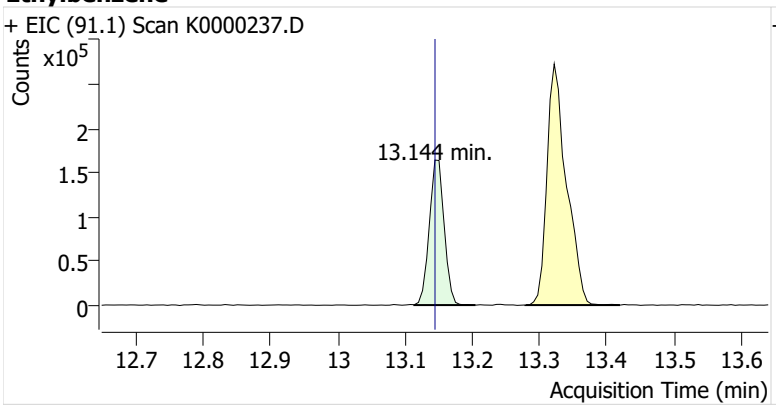


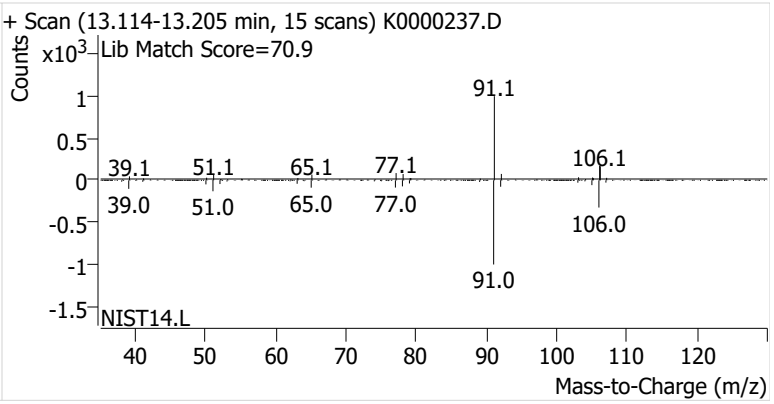
Toluene



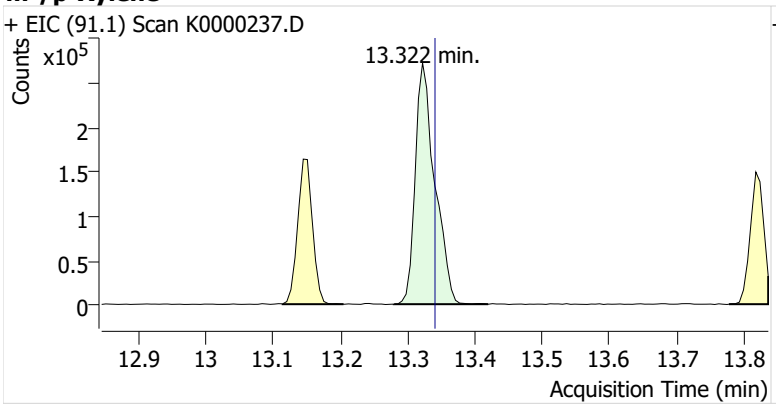


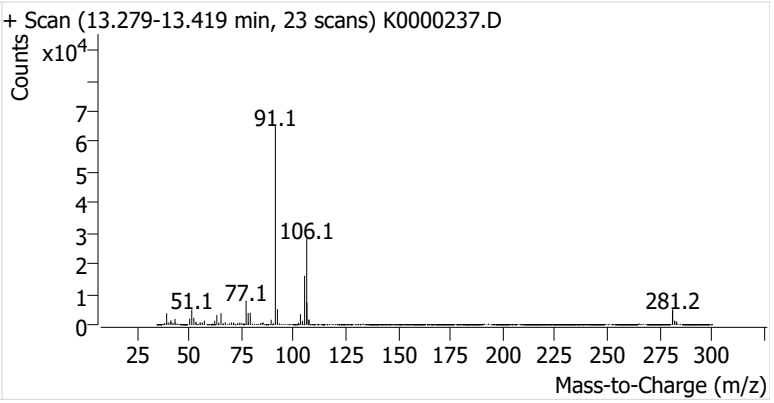
Ethylbenzene



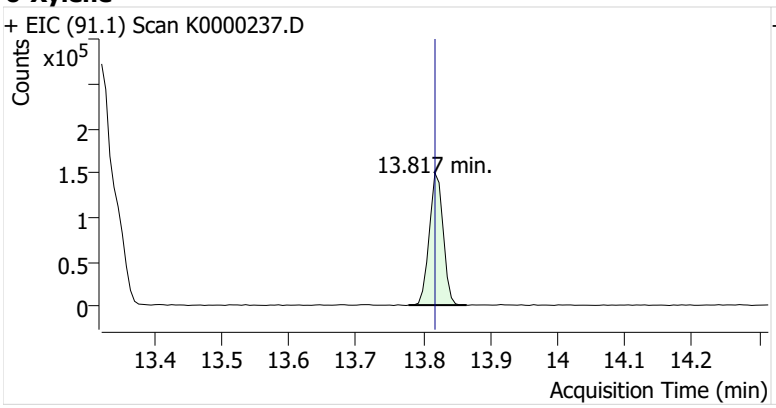


m-/p-Xylene





o-Xylene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x10^5
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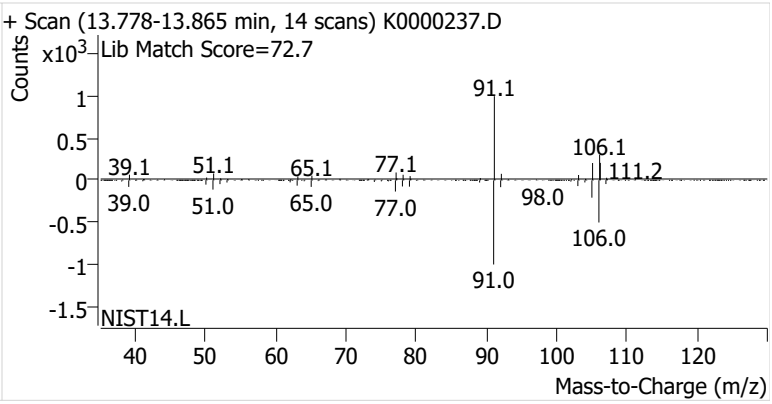
0.5
0
13.817 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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Lib Match Score=72.7
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-0.5
-1
-1.5
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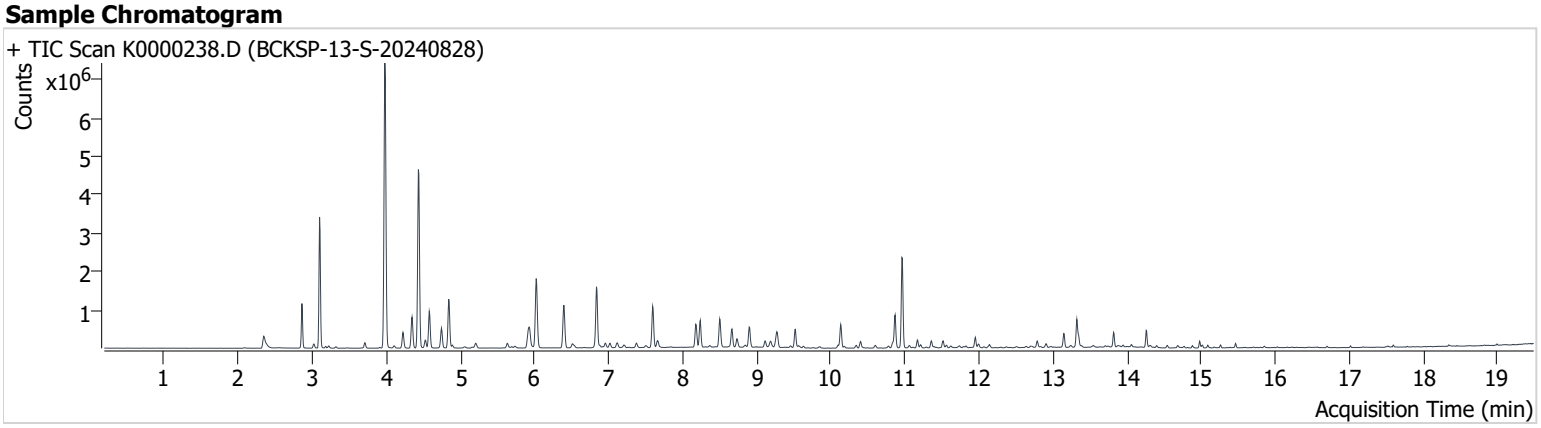
106.1
111.2
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

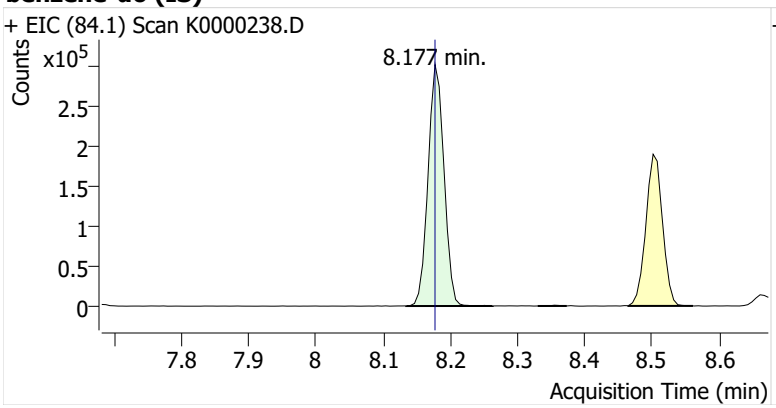
Name	BCKSP-13-S-20240828
Comment	C01504; Recollect
Data File	K0000238.D
Acq. Date-Time	9/17/2024 7:48:34 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

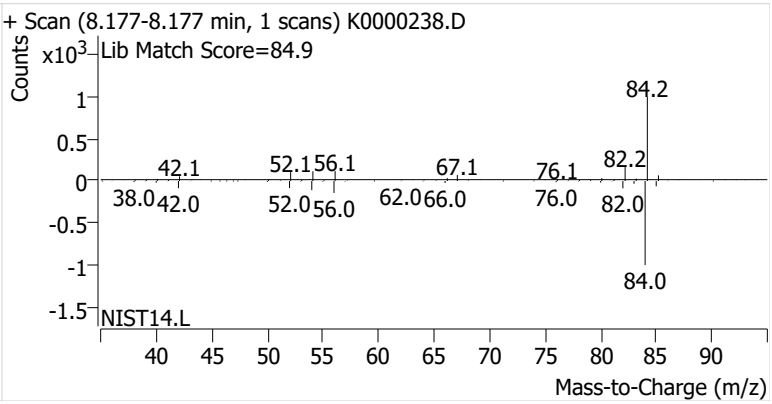
Sample Chromatogram



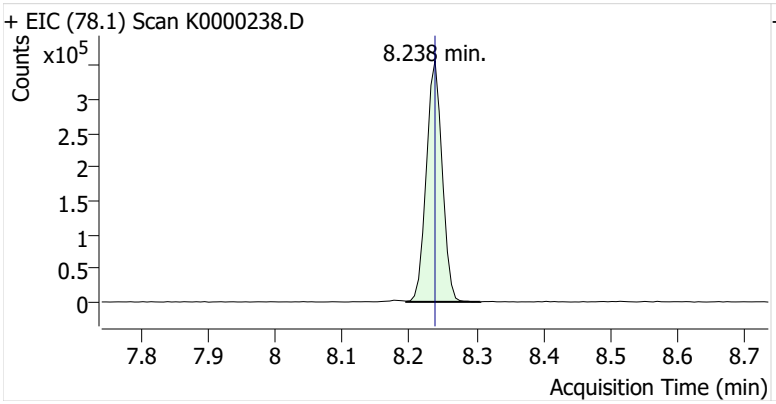
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	494,461	
Benzene	benzene-d6 (IS)	8.238	8.238	583,945	
Toluene-d8 (IS)		10.869	10.869	551,386	
Toluene	Toluene-d8 (IS)	10.961	10.967	1,610,613	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	252,727	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	514,015	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	198,887	

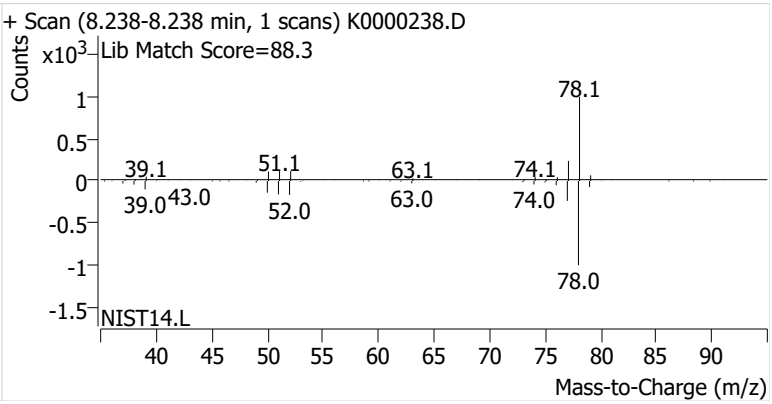
benzene-d6 (IS)



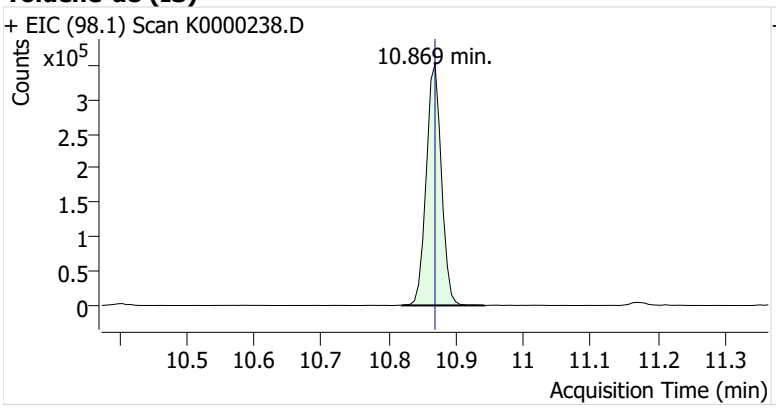


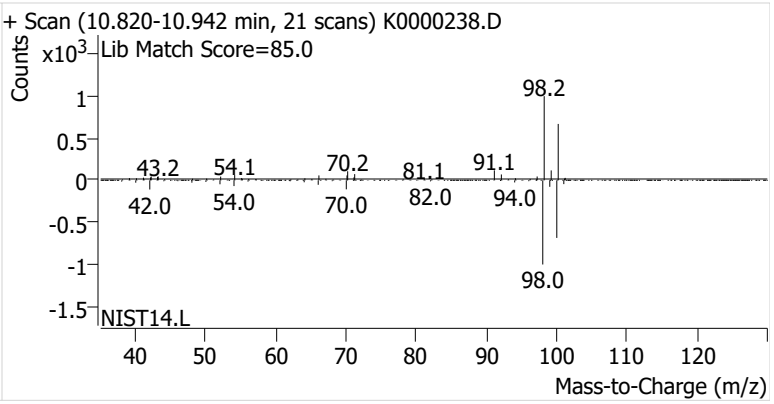
Benzene



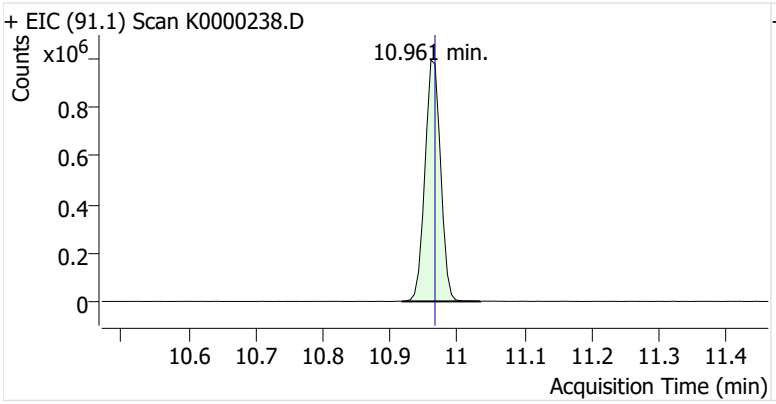


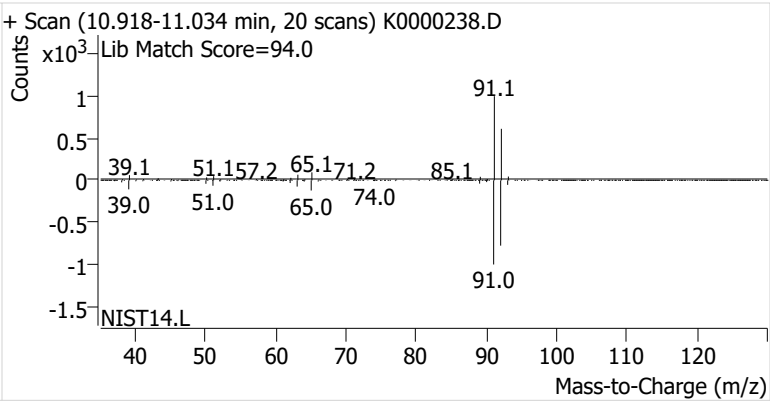
Toluene-d8 (IS)



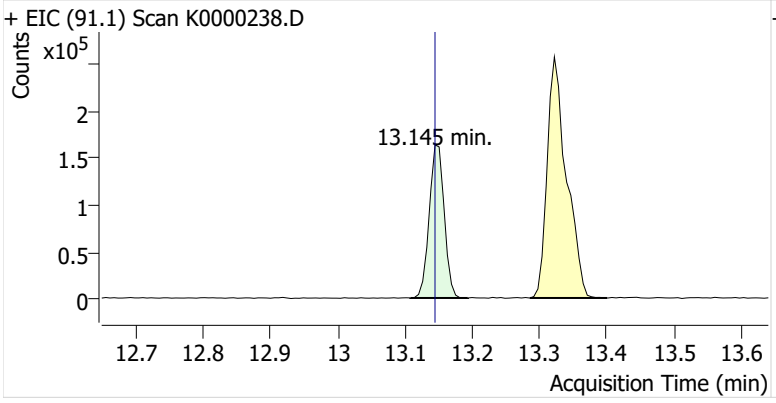


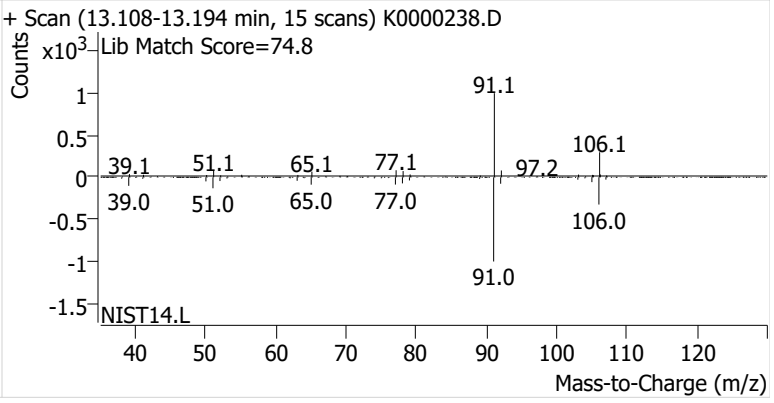
Toluene



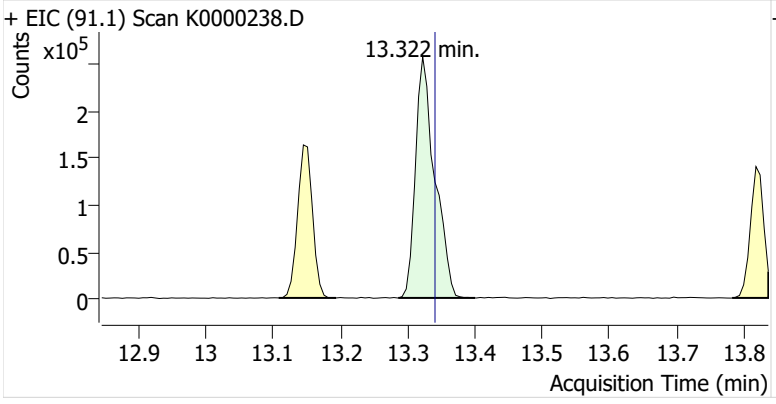


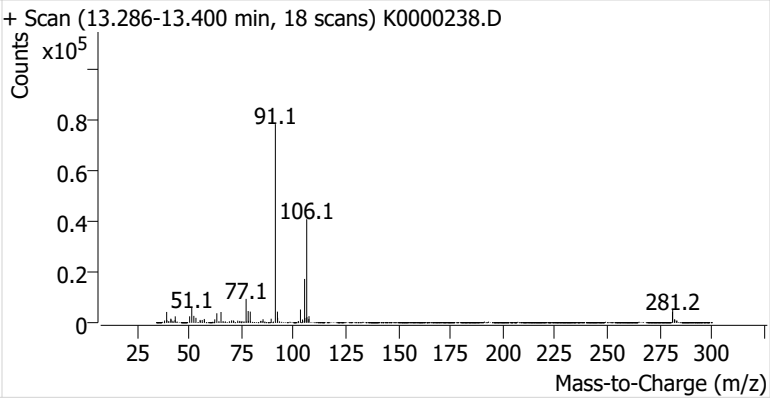
Ethylbenzene



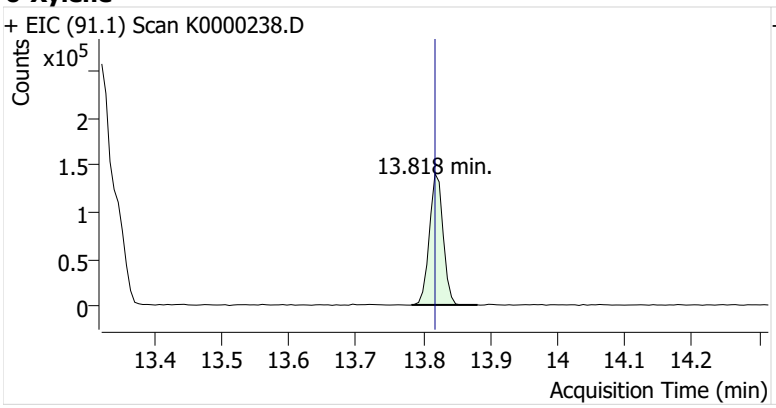


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000238.D
Counts
x10^5
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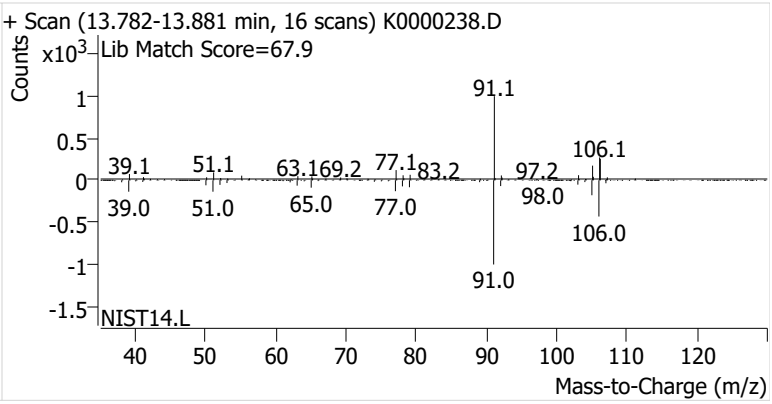
1.5
1
0.5
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)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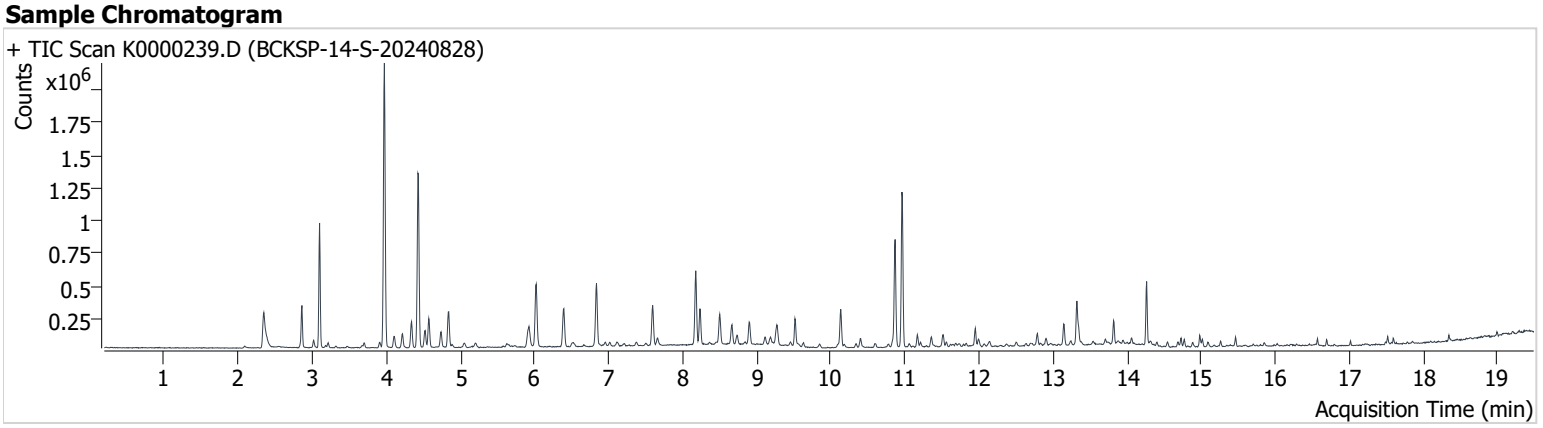
39.1 51.1 63.1 69.2 77.1 83.2 97.2 106.1
39.0 51.0 65.0 77.0 98.0 106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

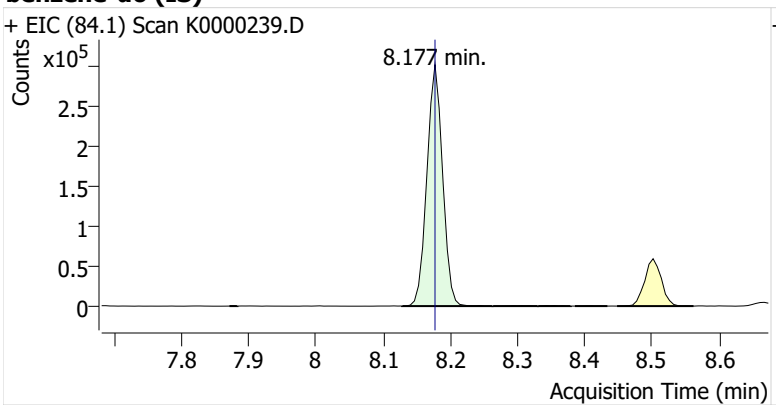
Name	BCKSP-14-S-20240828
Comment	B18543: Recollect
Data File	K0000239.D
Acq. Date-Time	9/17/2024 8:15:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

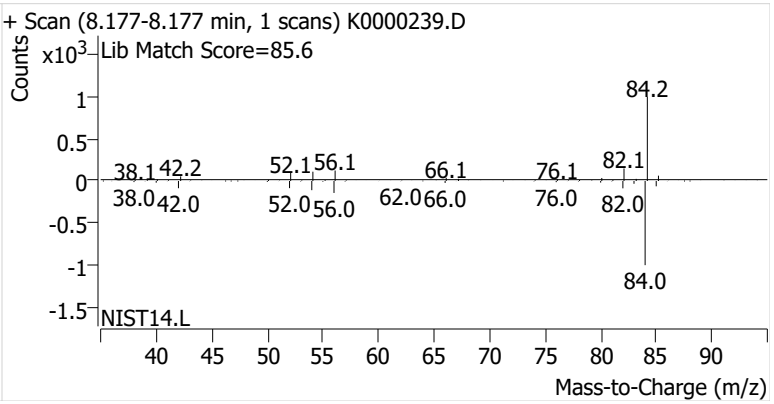
Sample Chromatogram



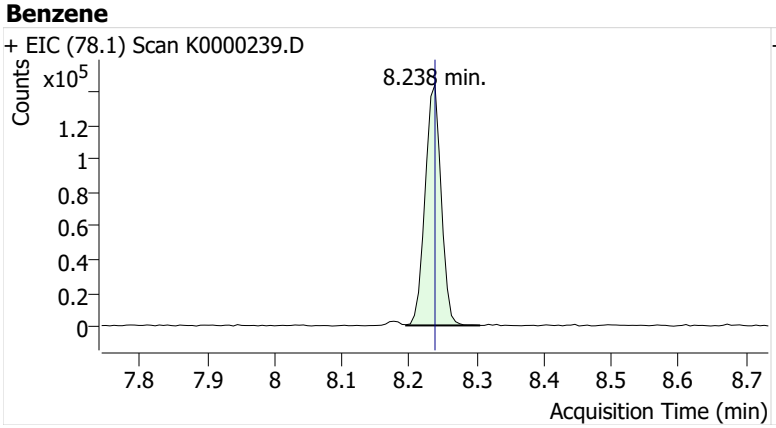
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	487,630	
Benzene	benzene-d6 (IS)	8.238	8.238	237,808	
Toluene-d8 (IS)		10.869	10.869	527,868	
Toluene	Toluene-d8 (IS)	10.961	10.967	822,039	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.145	109,386	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	233,402	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	93,457	

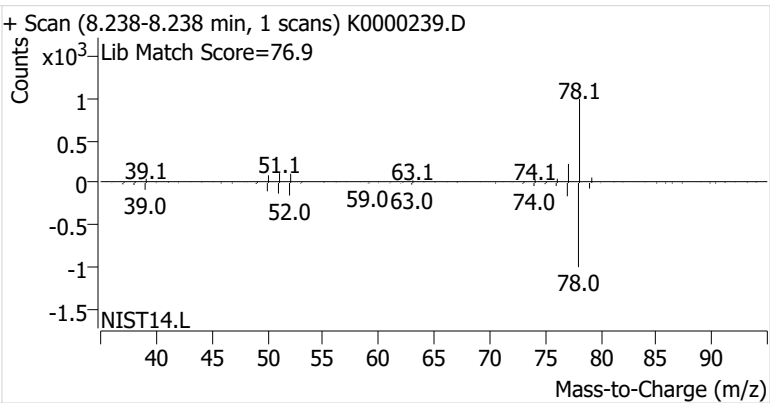
benzene-d6 (IS)



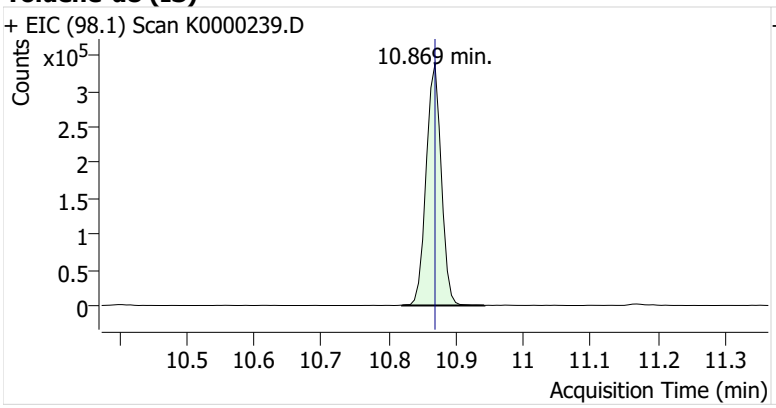


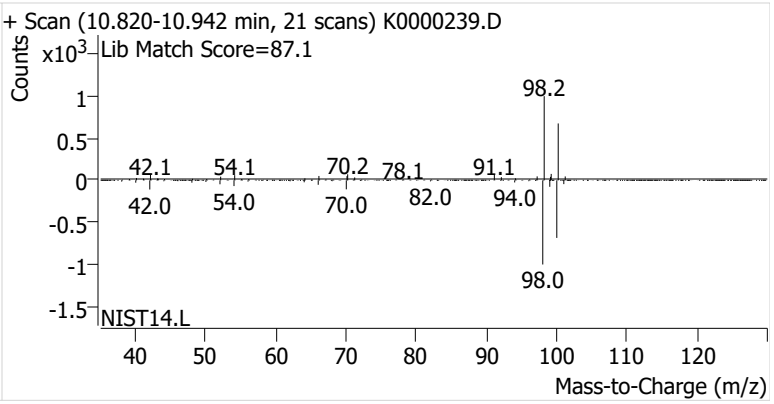
Benzene



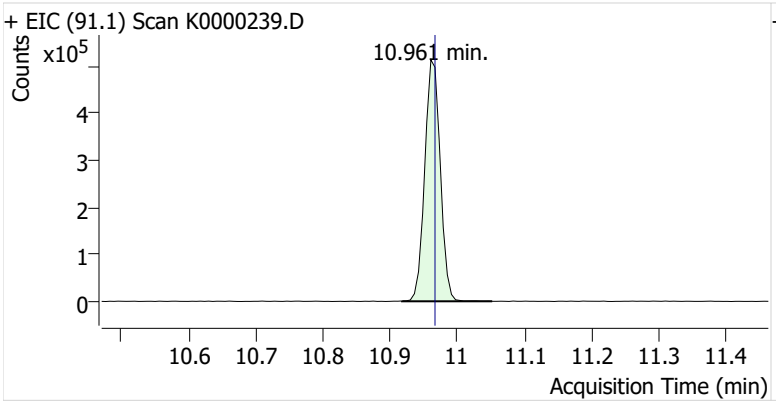


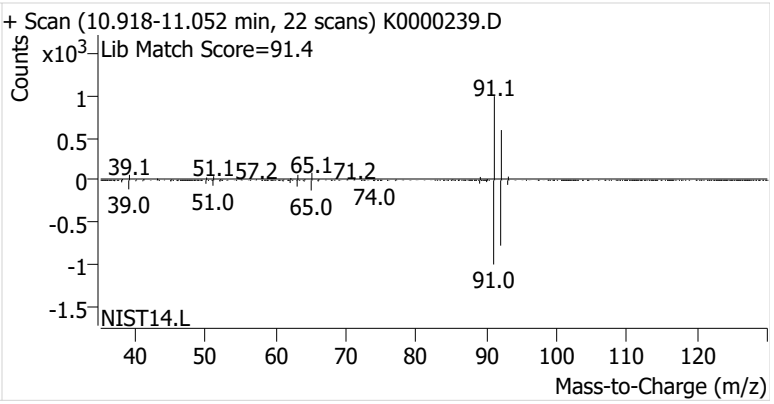
Toluene-d8 (IS)



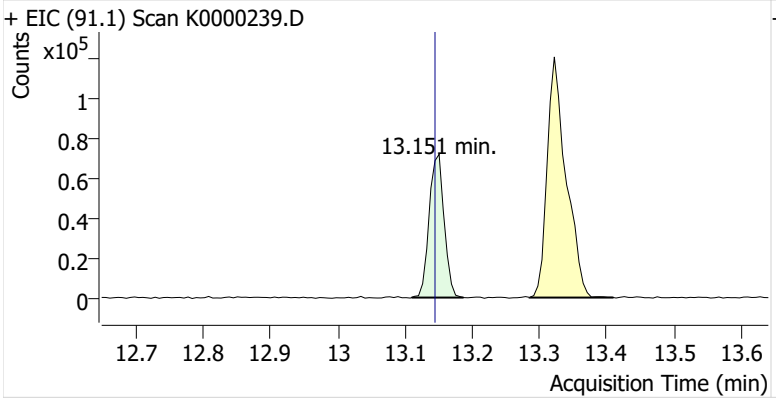


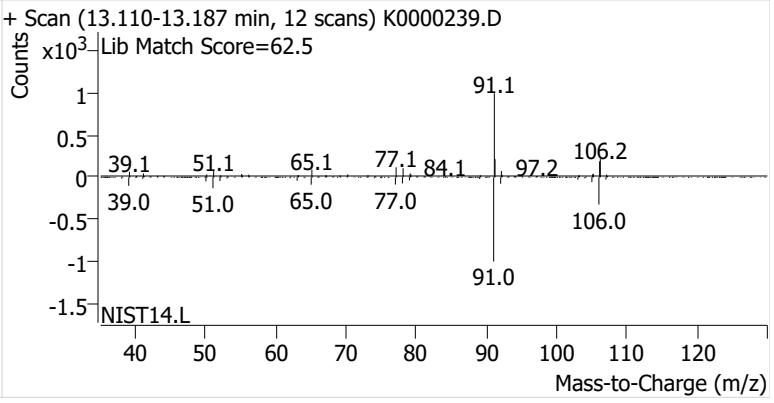
Toluene



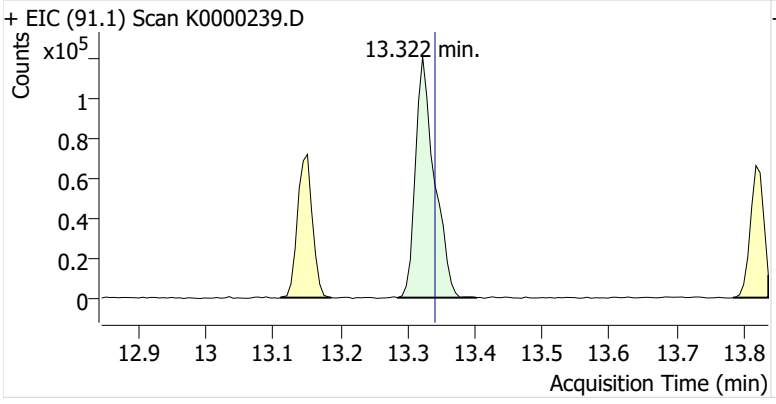


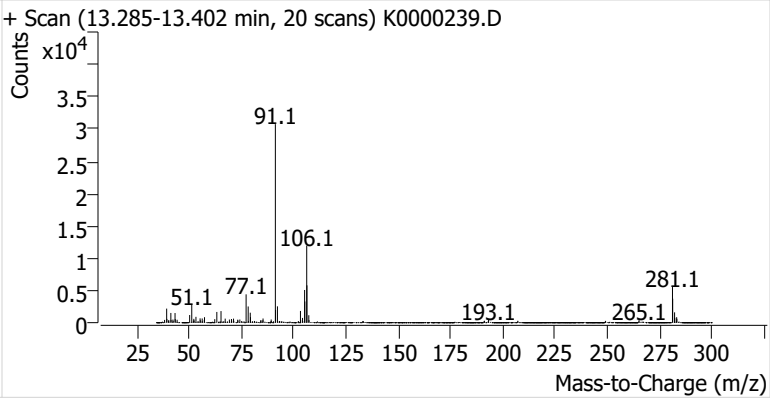
Ethylbenzene



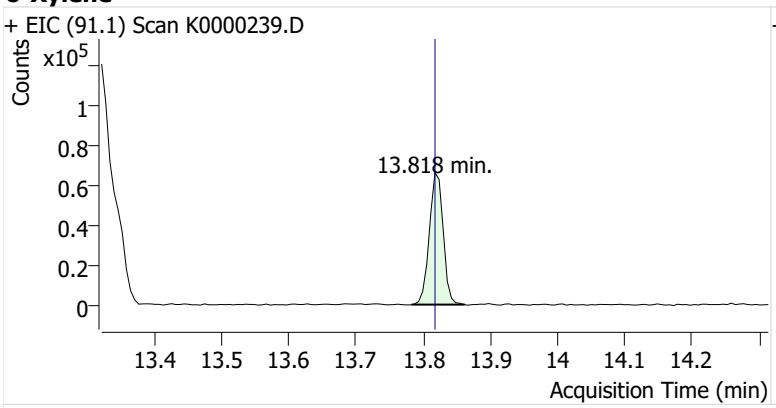


m-/p-Xylene





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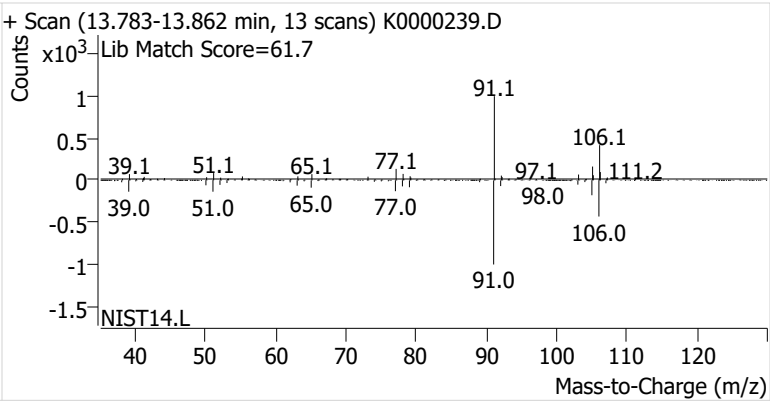
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.783-13.862 min, 13 scans) K0000239.D
Lib Match Score=61.7
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-1.5
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39.1
51.1
65.1
77.1
97.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
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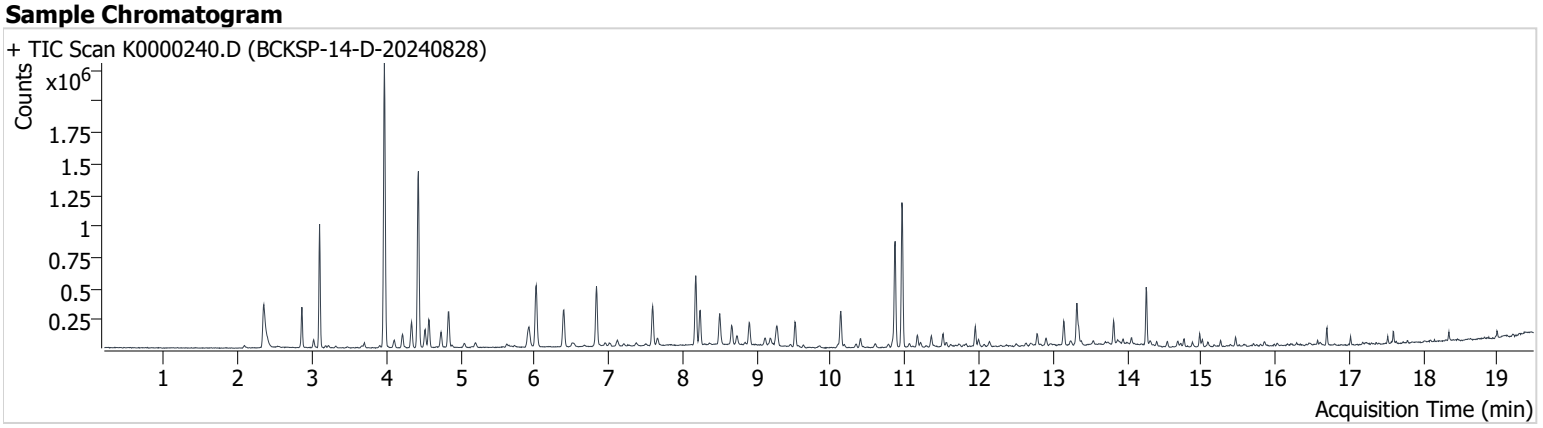
Mass-to-Charge (m/z)

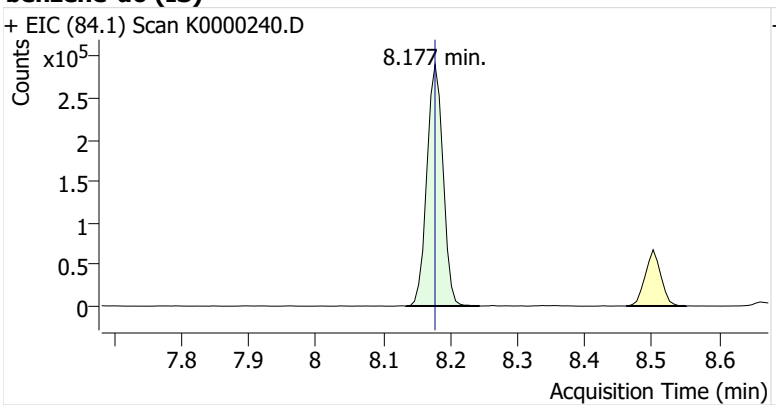
Name	BCKSP-14-D-20240828
Comment	C37050; Recollect
Data File	K0000240.D
Acq. Date-Time	9/17/2024 8:42:58 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

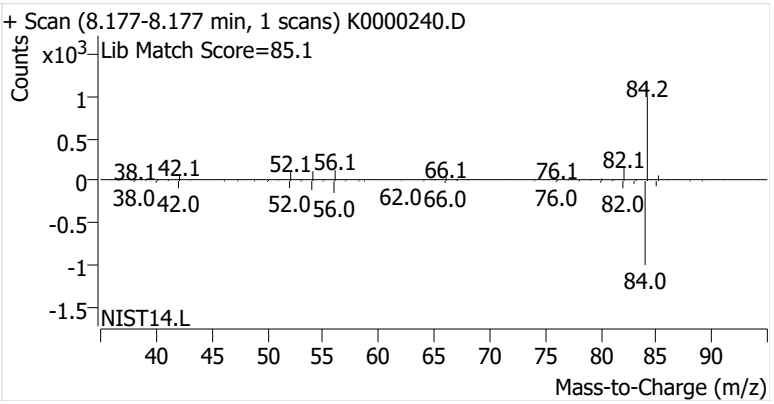
Sample Chromatogram



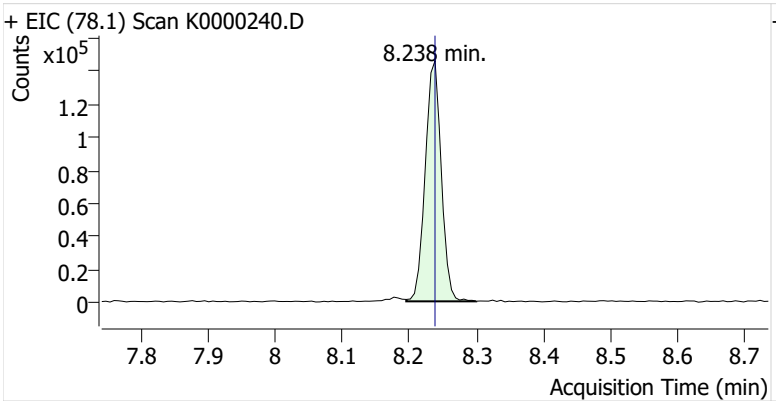
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	485,201	
Benzene	benzene-d6 (IS)	8.238	8.238	241,244	
Toluene-d8 (IS)		10.869	10.869	549,589	
Toluene	Toluene-d8 (IS)	10.961	10.967	805,013	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	132,733	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	238,135	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	92,058	

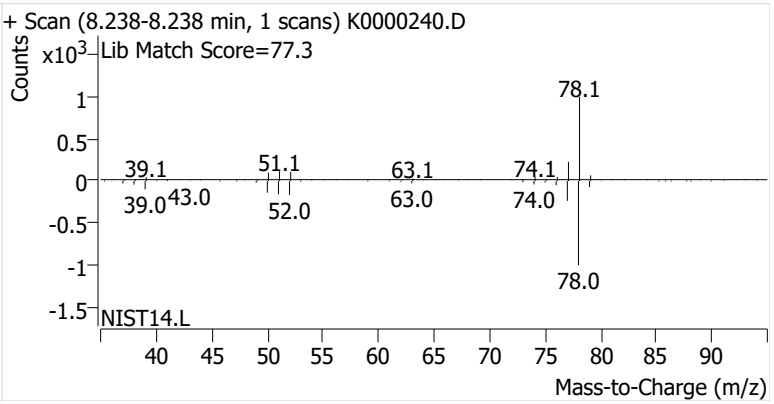
benzene-d6 (IS)



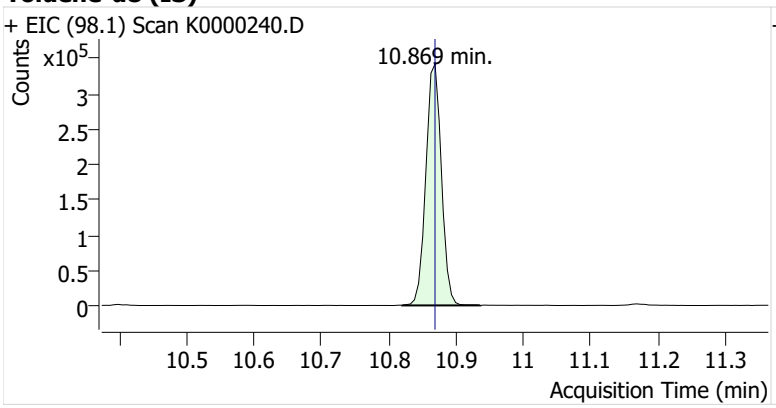


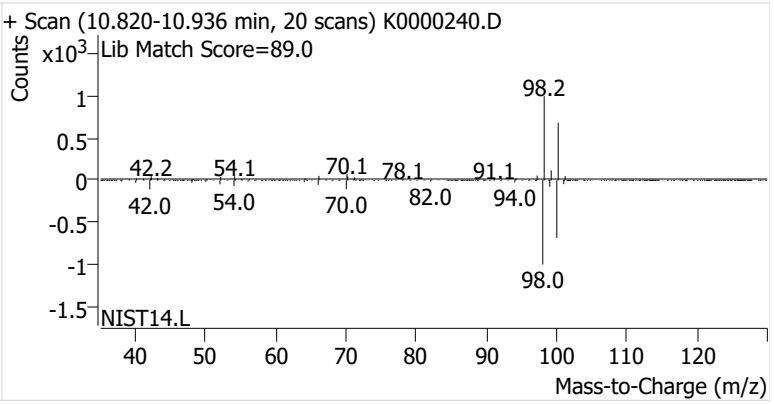
Benzene



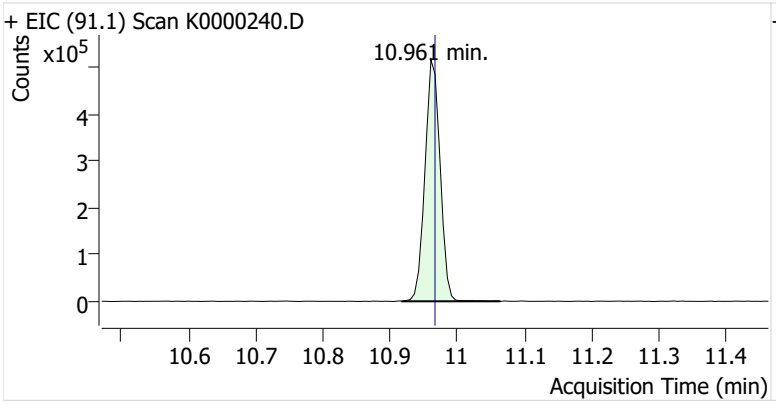


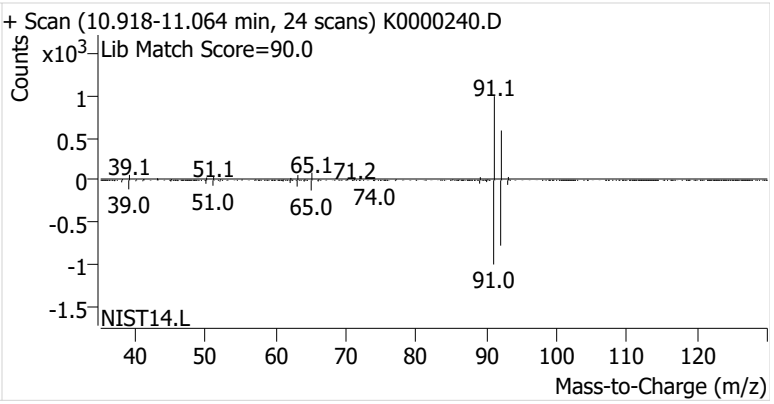
Toluene-d8 (IS)



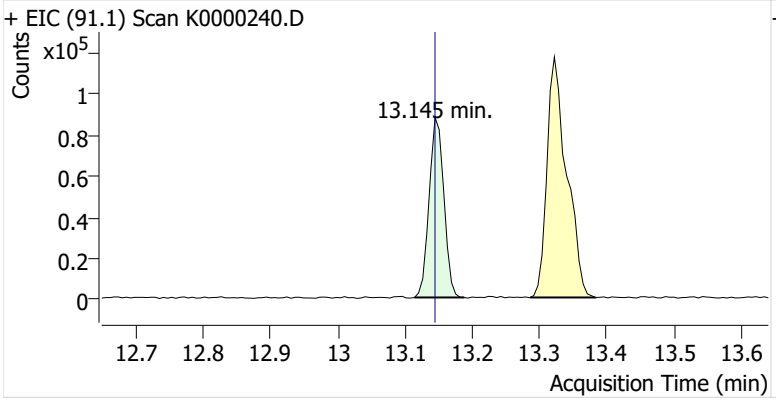


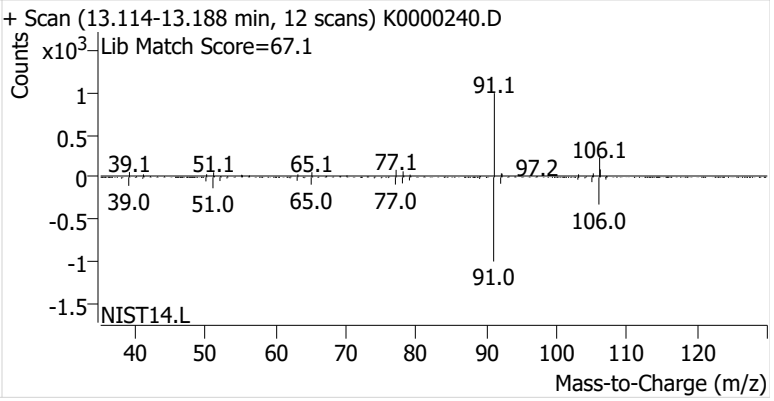
Toluene



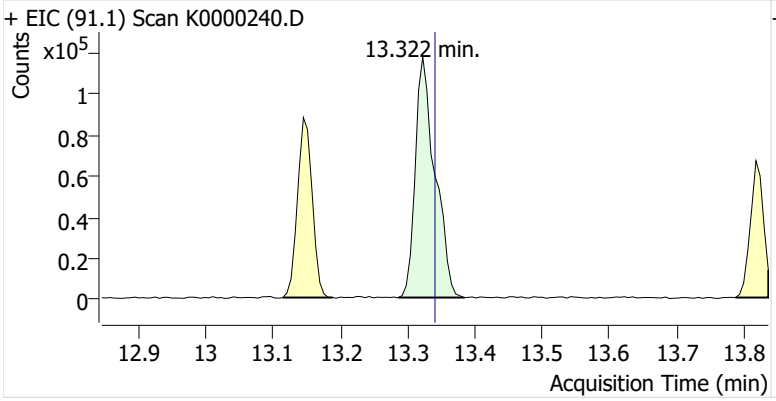


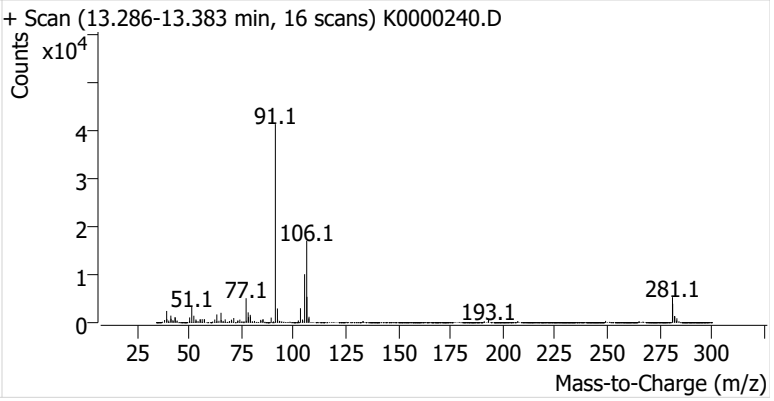
Ethylbenzene



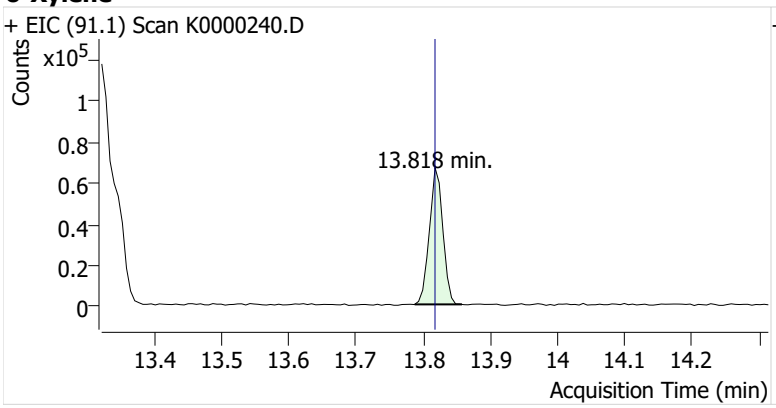


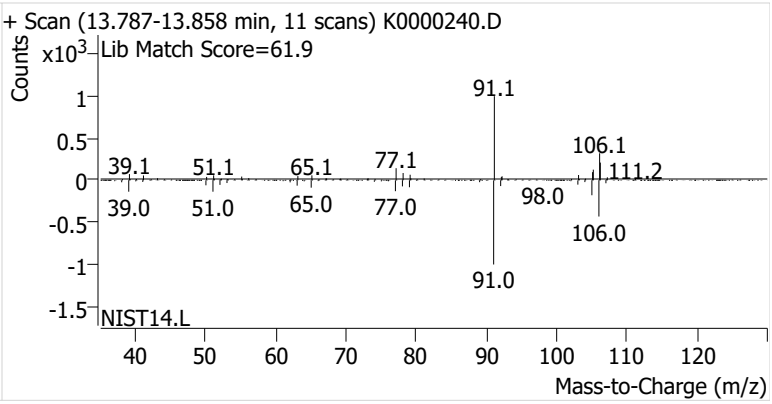
m-/p-Xylene





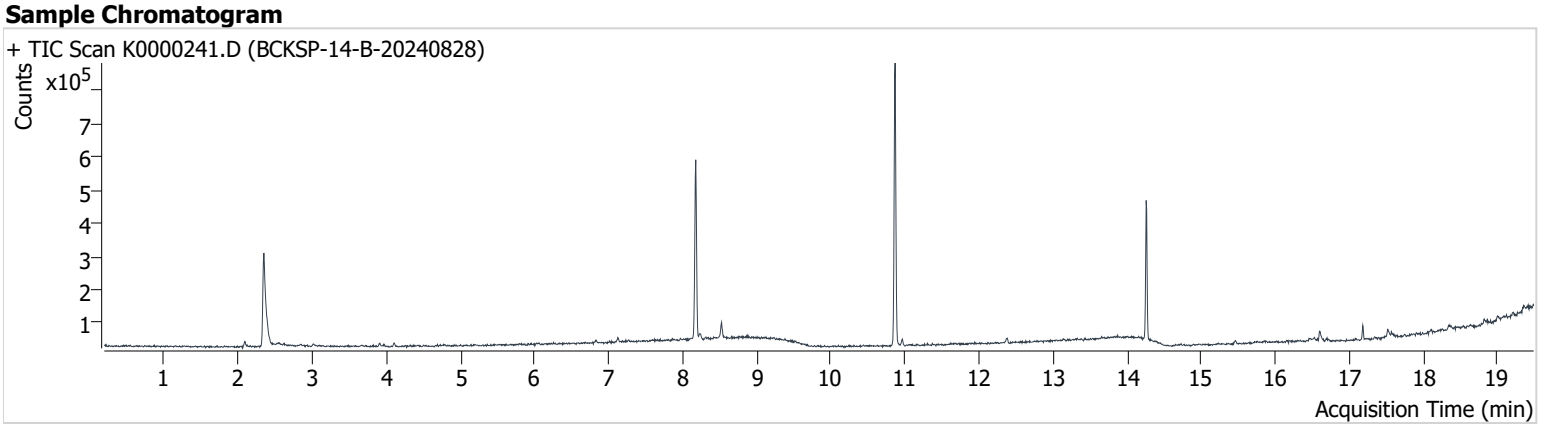
o-Xylene


+ EIC (91.1) Scan K0000240.D
Counts
x10^5
1
0.8
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.787-13.858 min, 11 scans) K0000240.D
Lib Match Score=61.9
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.2
39.1
51.1
65.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

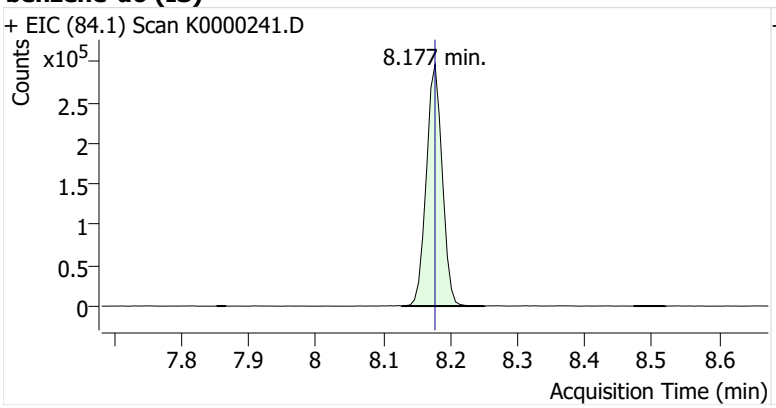
Name	BCKSP-14-B-20240828
Comment	C01648; Recollect
Data File	K0000241.D
Acq. Date-Time	9/17/2024 9:09:36 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

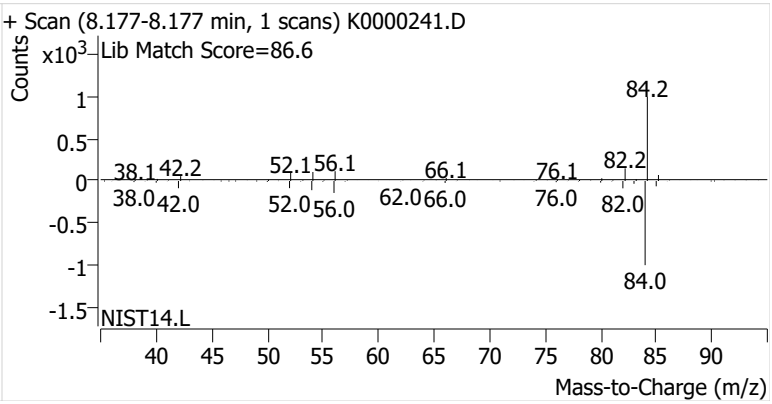
Sample Chromatogram



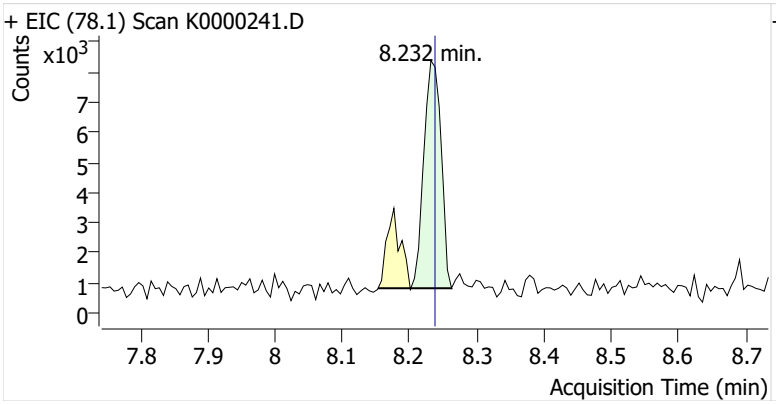
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	488,083	
Benzene	benzene-d6 (IS)	8.232	8.238	13,378	
Toluene-d8 (IS)		10.869	10.869	543,963	
Toluene	Toluene-d8 (IS)	10.967	10.967	12,768	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	2,073	
m-/p-Xylene	Toluene-d8 (IS)	13.328	13.340	1,290	
o-Xylene	Toluene-d8 (IS)	13.824	13.818	840	

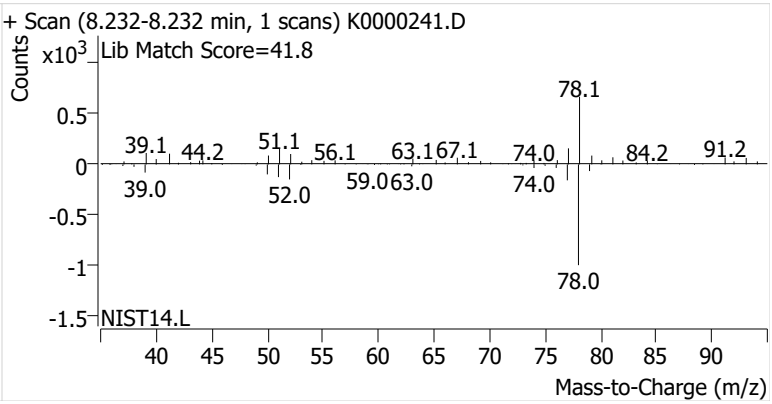
benzene-d6 (IS)



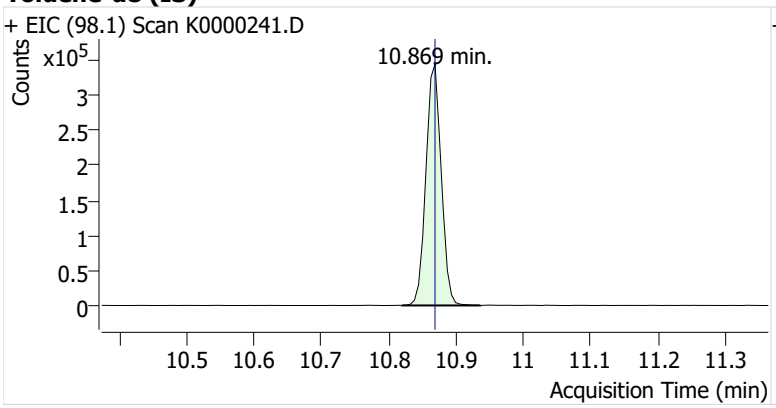


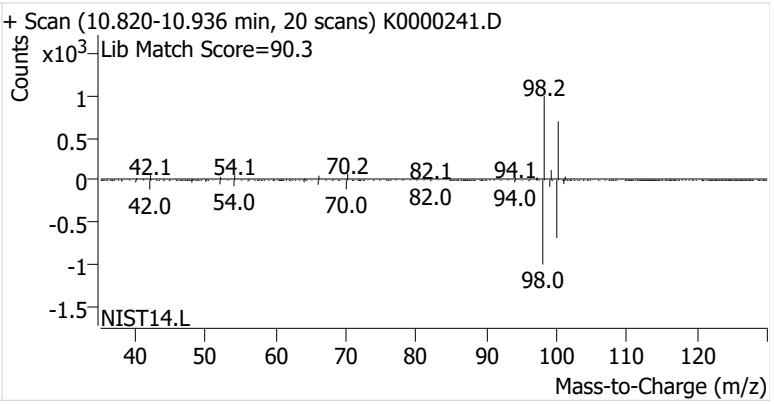
Benzene



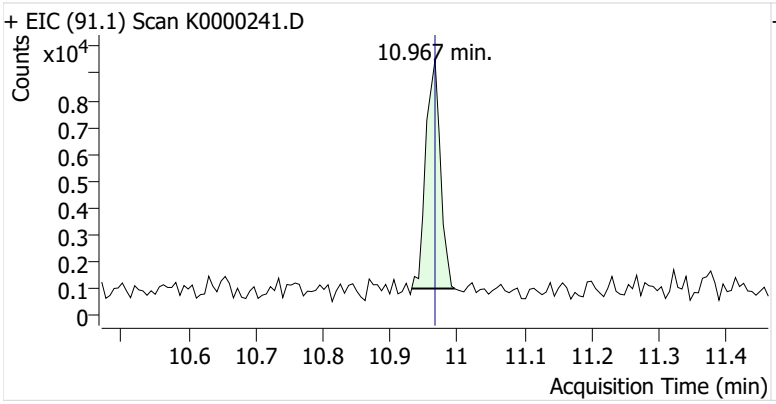


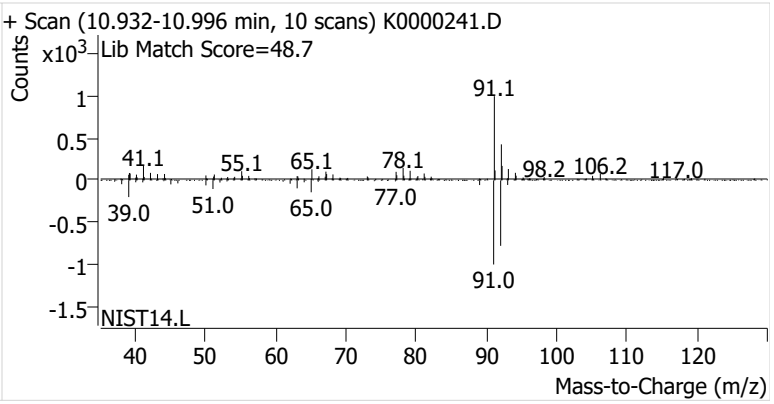
Toluene-d8 (IS)



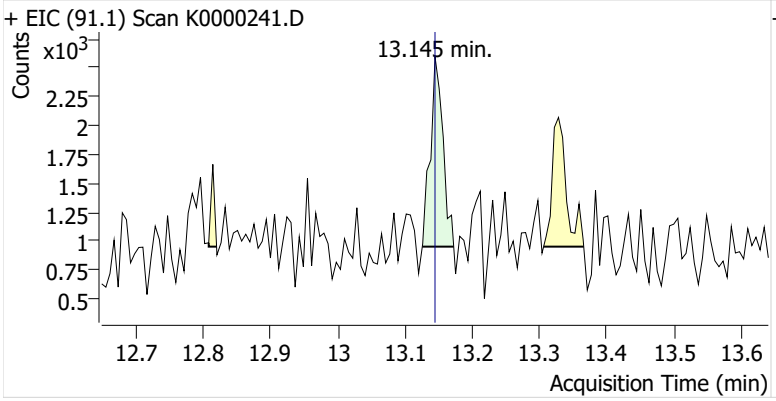


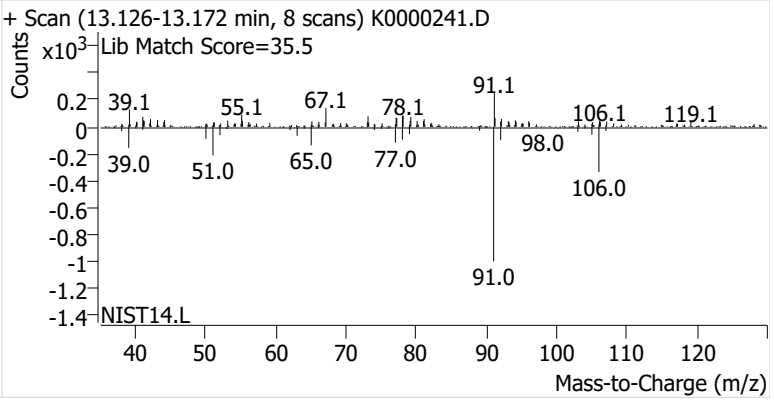
Toluene



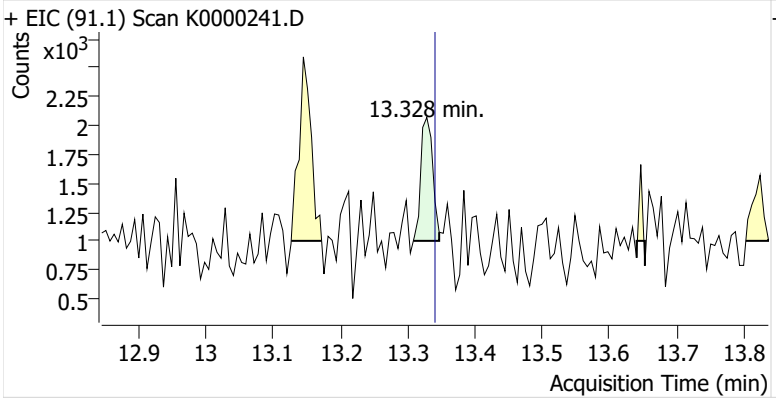


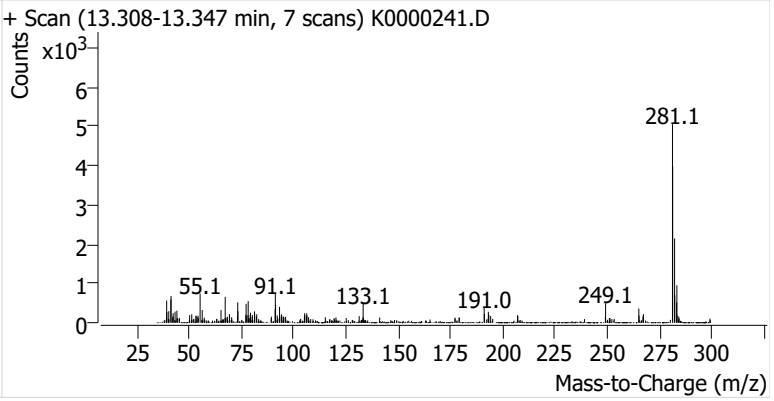
Ethylbenzene



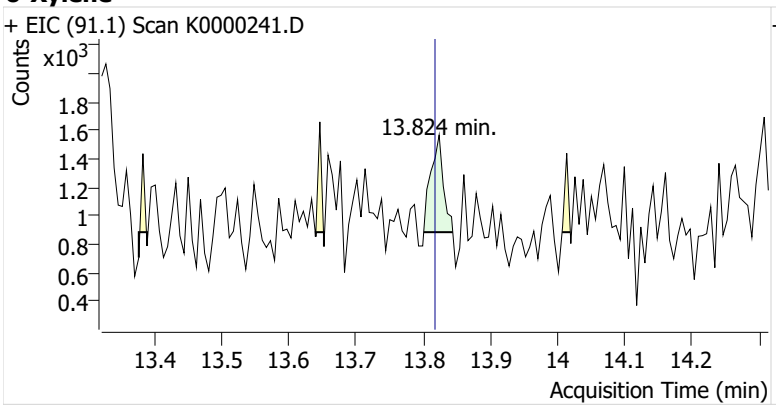


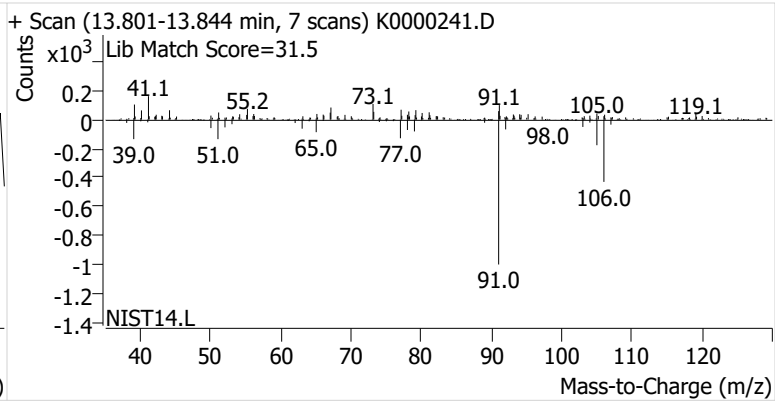
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000241.D
Counts
x10^3
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
13.824 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)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Lib Match Score=31.5
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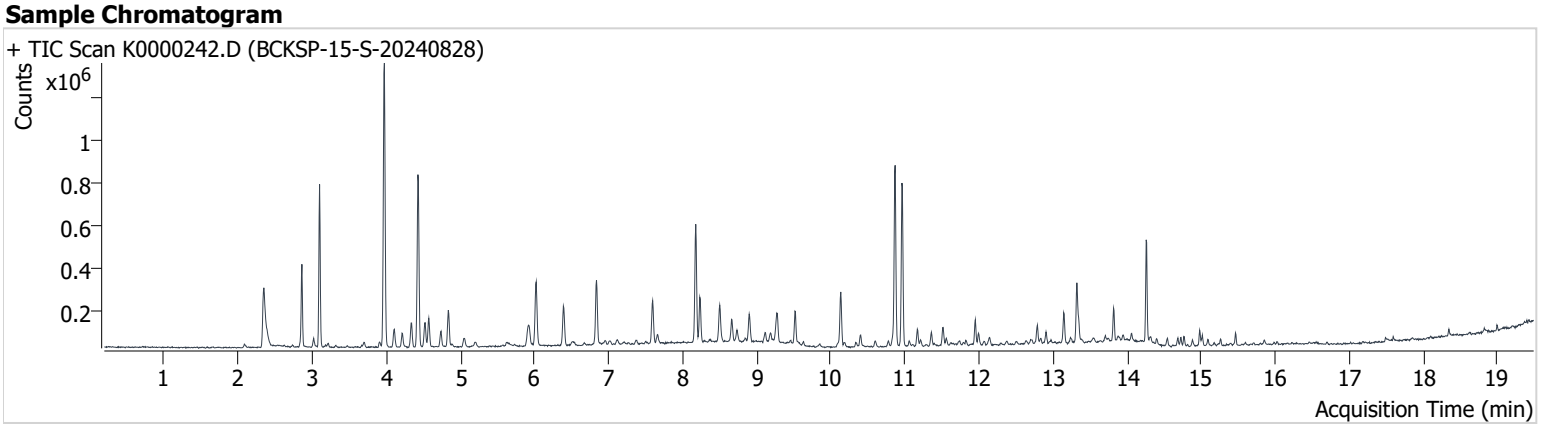
-0.6
-0.8
-1
-1.2
-1.4
41.1
55.2
73.1
91.1
105.0
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
NIST14.L
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

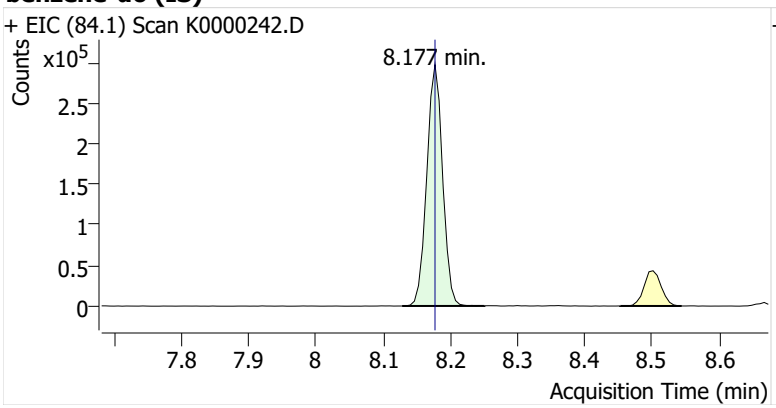
Name	BCKSP-15-S-20240828
Comment	B37235; Recollect
Data File	K0000242.D
Acq. Date-Time	9/17/2024 9:36:18 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

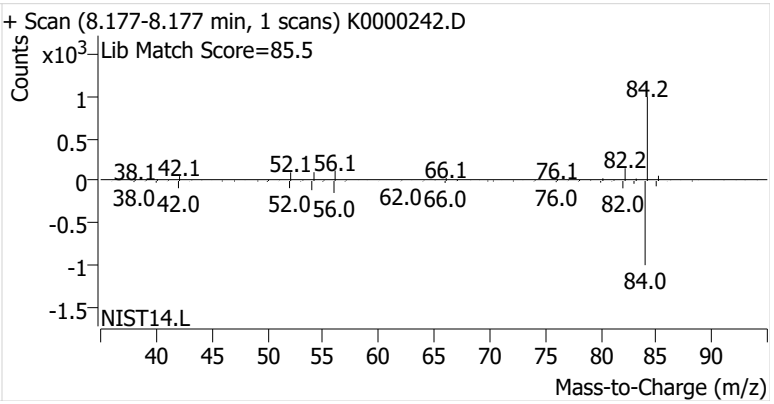
Sample Chromatogram



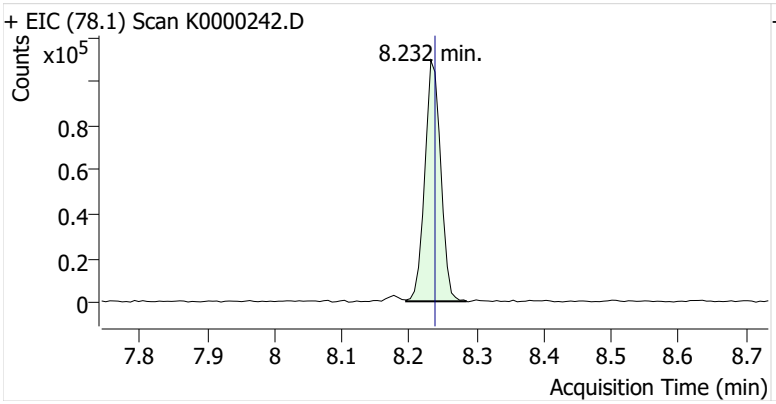
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	485,148	
Benzene	benzene-d6 (IS)	8.232	8.238	178,428	
Toluene-d8 (IS)		10.869	10.869	554,785	
Toluene	Toluene-d8 (IS)	10.961	10.967	524,828	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	96,910	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	194,050	
o-Xylene	Toluene-d8 (IS)	13.818	13.818	77,364	

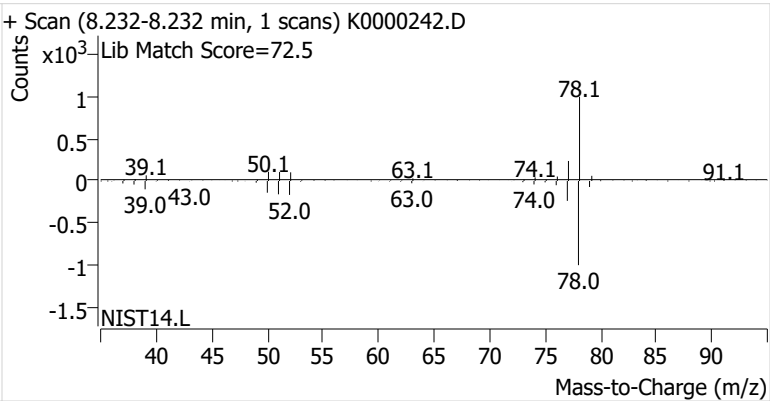
benzene-d6 (IS)



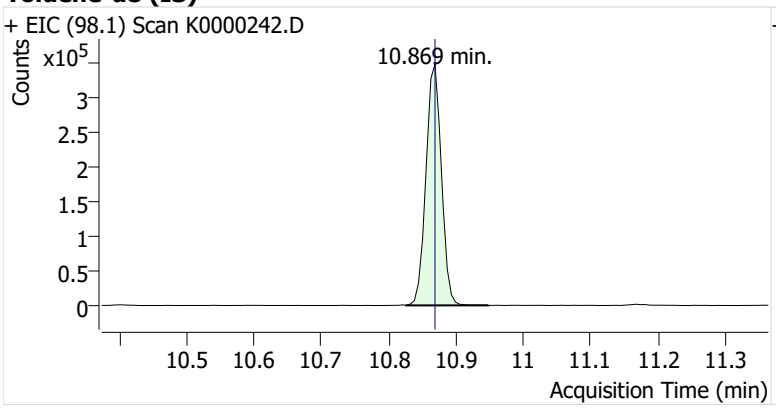


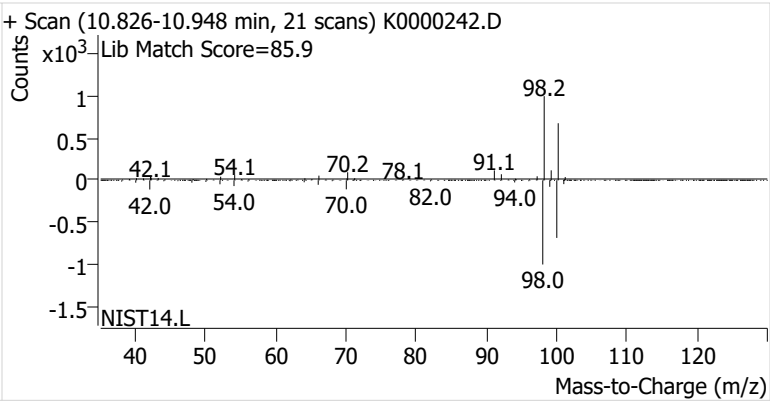
Benzene



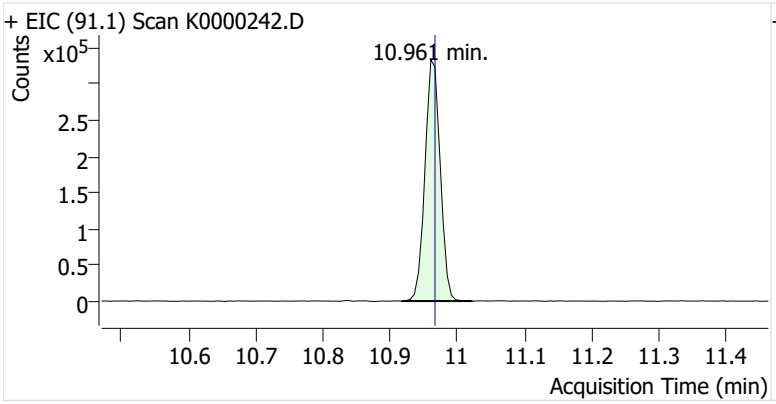


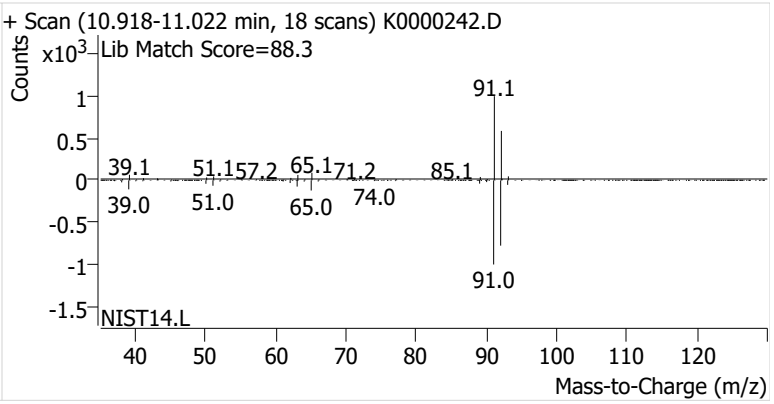
Toluene-d8 (IS)



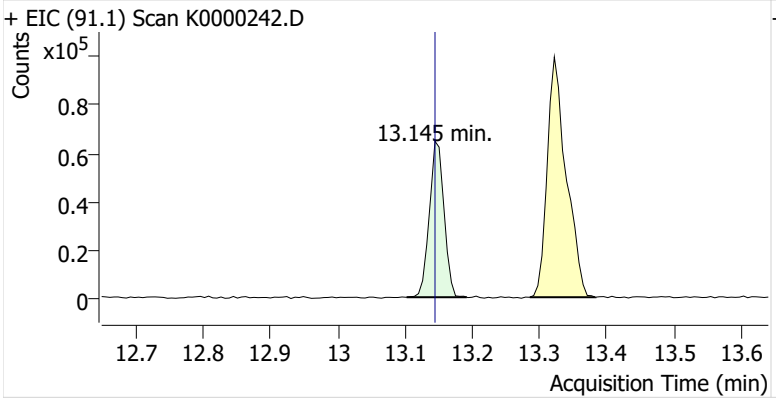


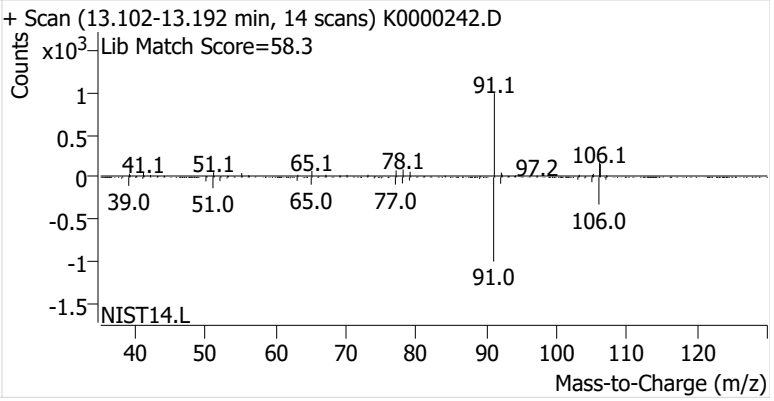
Toluene



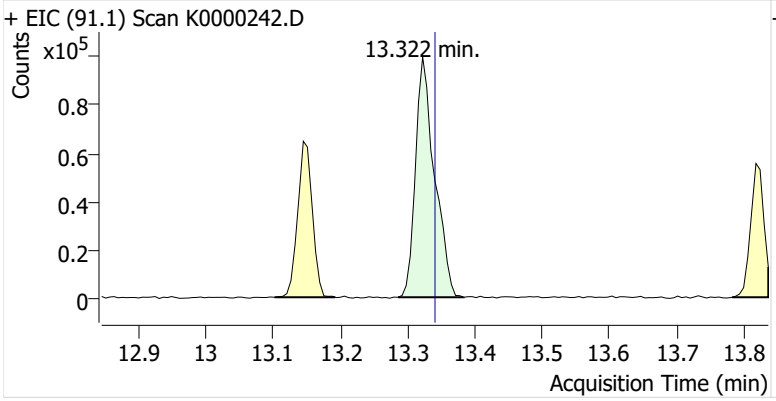


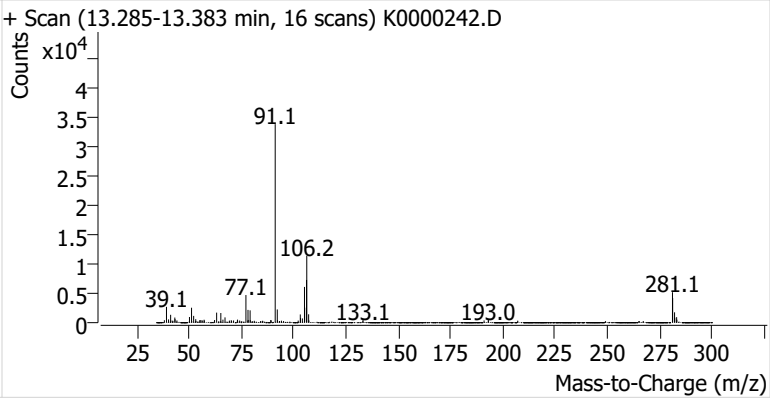
Ethylbenzene



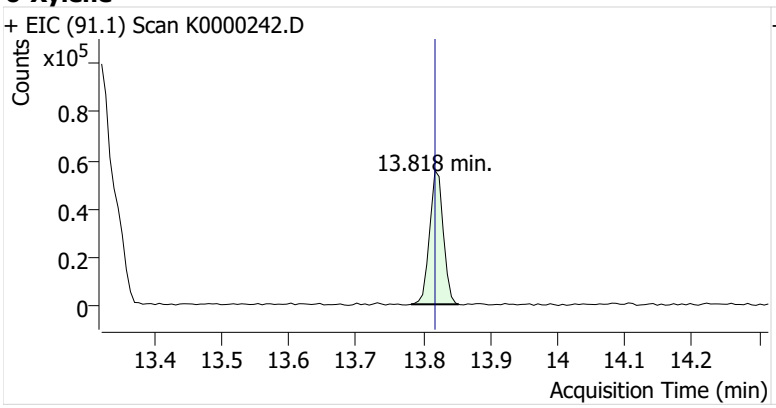


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan K0000242.D
Counts
x10^5
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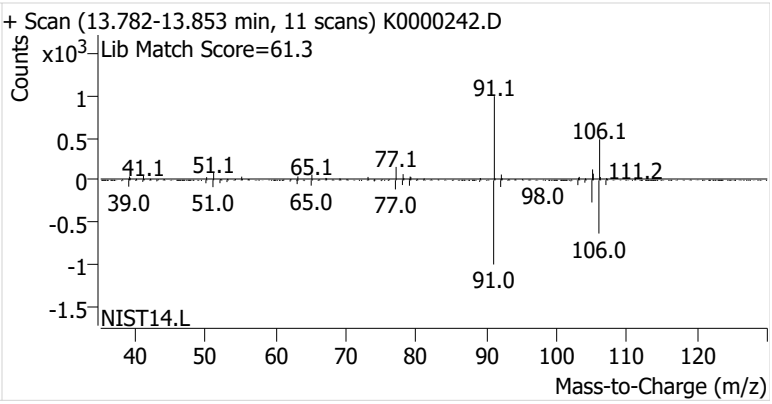
0.6
0.4
0.2
0
13.818 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.782-13.853 min, 11 scans) K0000242.D
Lib Match Score=61.3
Counts
x10^3
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0.5
0
-0.5
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106.1
41.1
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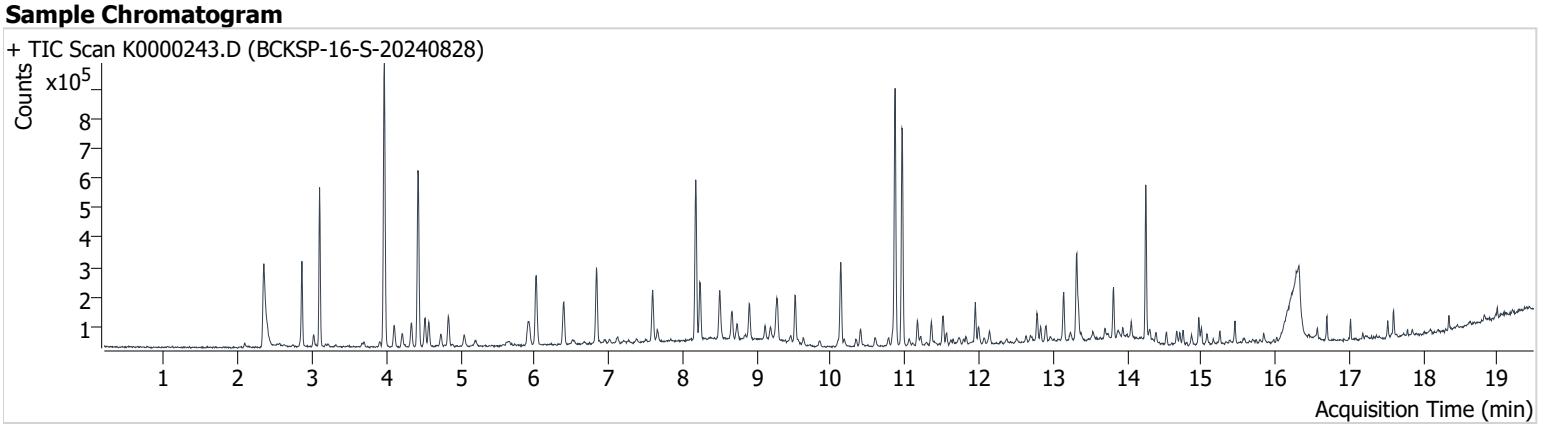
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

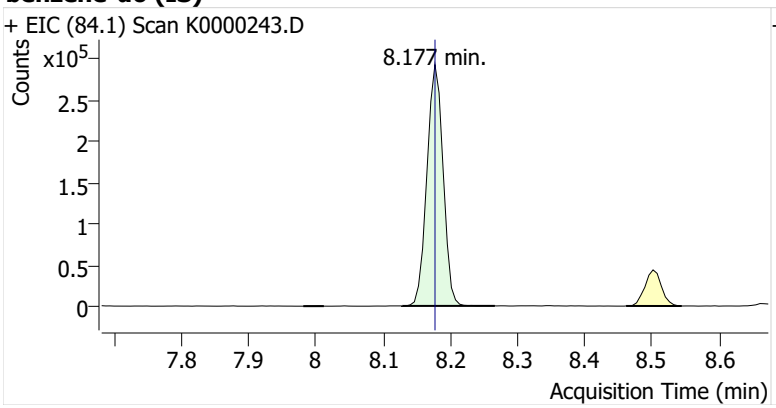
Name	BCKSP-16-S-20240828
Comment	C02243; Recollect
Data File	K0000243.D
Acq. Date-Time	9/17/2024 10:02:59 PM
Acq. Method File	M325B-MTD
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

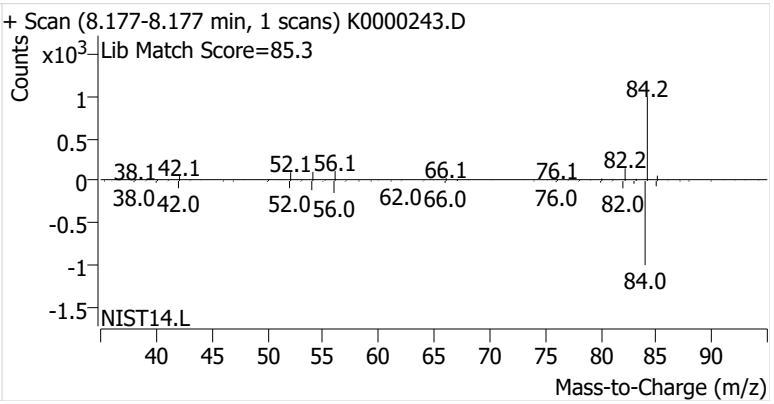
Sample Chromatogram



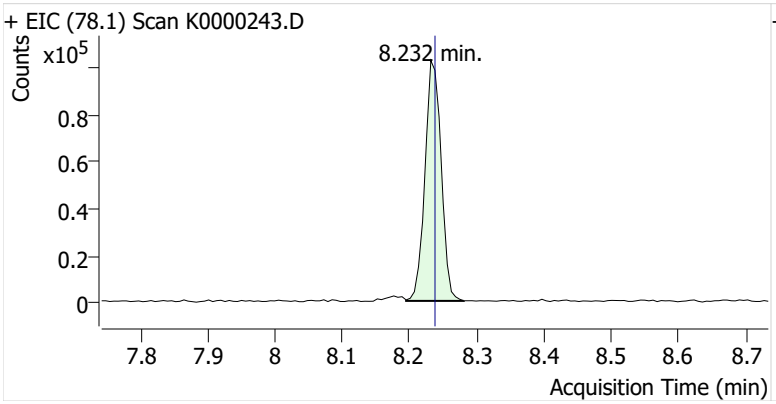
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.177	8.177	488,980	
Benzene	benzene-d6 (IS)	8.232	8.238	171,252	
Toluene-d8 (IS)		10.869	10.869	559,591	
Toluene	Toluene-d8 (IS)	10.960	10.967	511,496	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.145	109,648	
m-/p-Xylene	Toluene-d8 (IS)	13.322	13.340	212,293	
o-Xylene	Toluene-d8 (IS)	13.817	13.818	85,884	

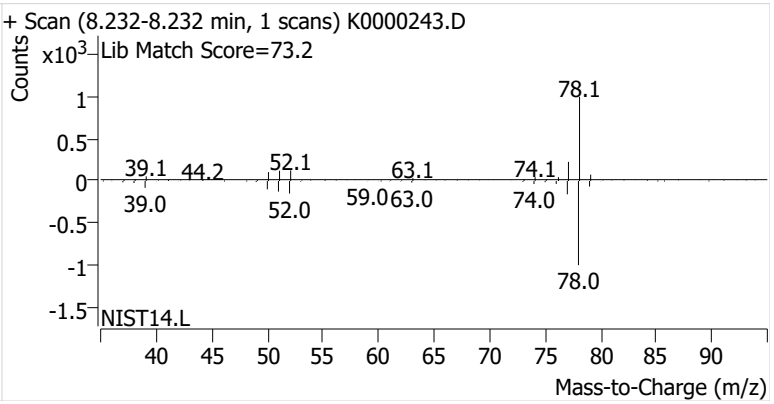
benzene-d6 (IS)



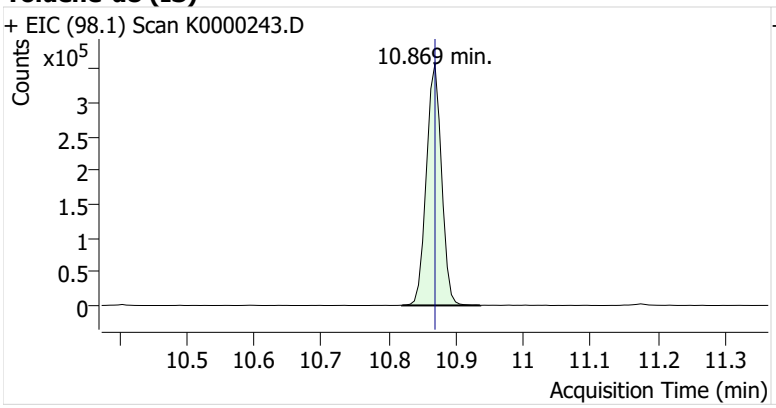


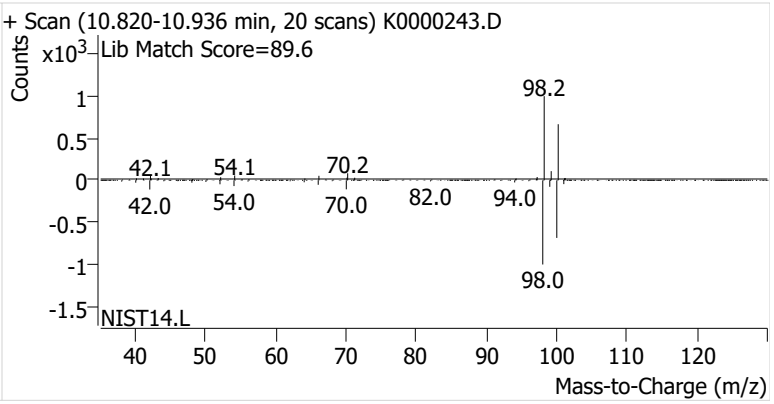
Benzene



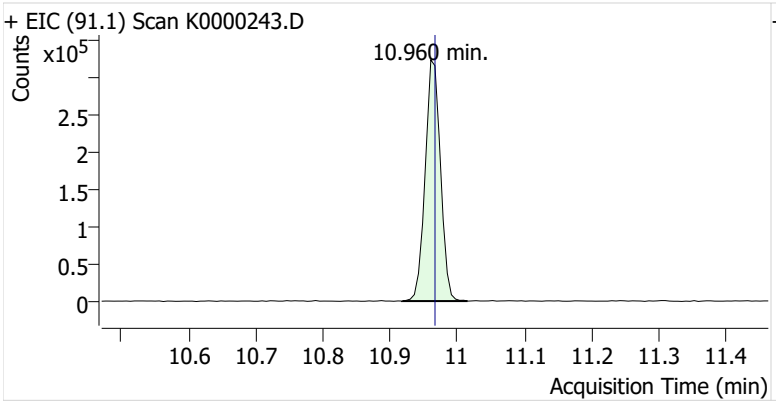


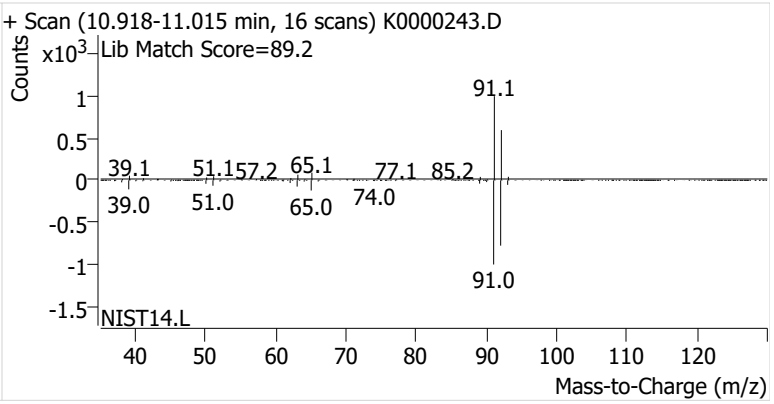
Toluene-d8 (IS)



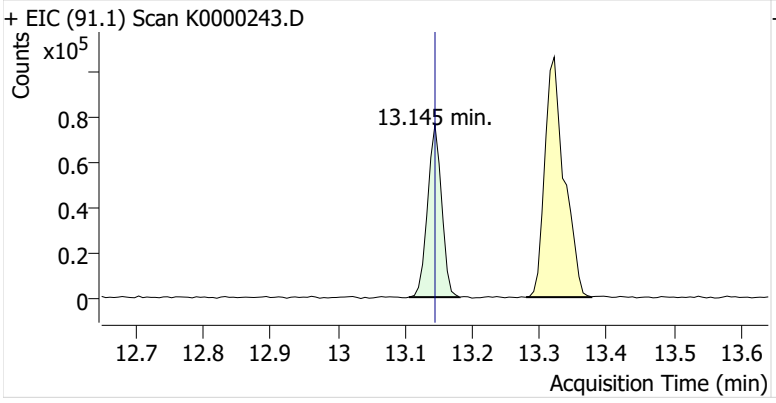


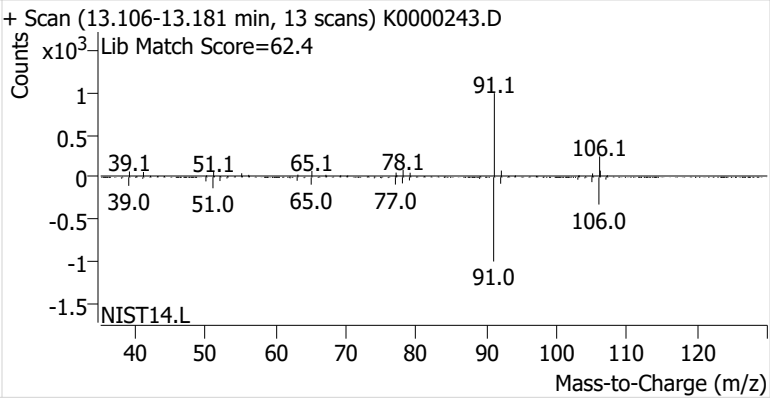
Toluene



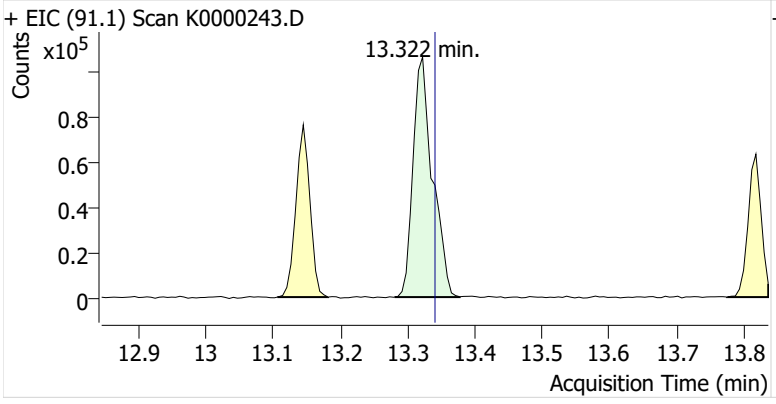


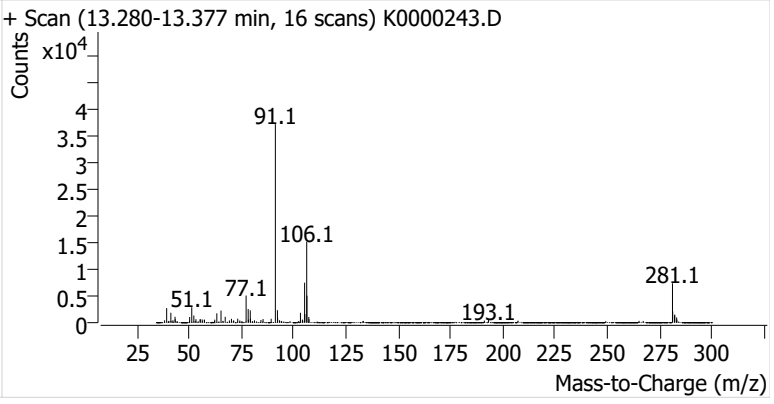
Ethylbenzene



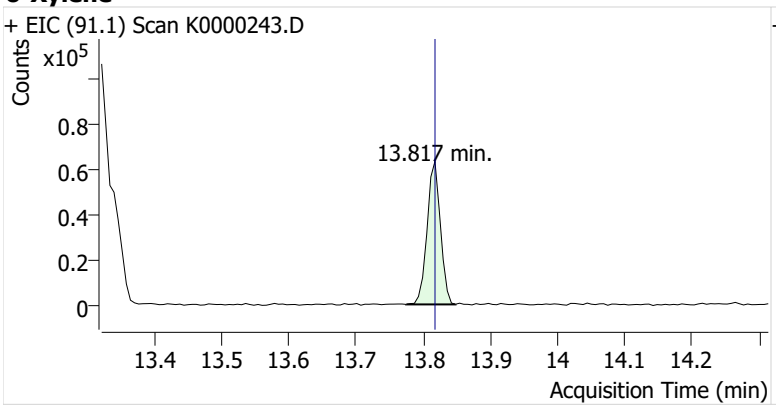


m-/p-Xylene





o-Xylene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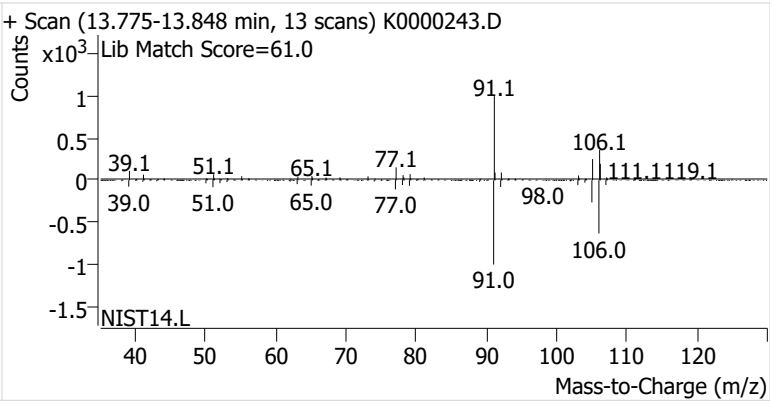
Acquisition Time (min)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51.0
65.0
77.0
106.0
91.0
NIST14.L
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.382	1.340	1.382	3.1%	-16%		Pass	
2024GD303 Method Blank-1	Blank		1.340	1.382			0.31%	Pass	ND
M325B CCV 5	Cal	1.314	1.340	1.314	-1.9%	14%	35%	Pass	
M325B CCV 5	Check	1.333	1.340	1.314	-0.53%		6.9%	Pass	
M325B CCV 5	Cal	1.337	1.340	1.337	-0.19%	26%		Pass	
M325B CCV 5	Check	1.327	1.340	1.337	-0.93%		2.0%	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	2.075	1.828	2.075	14%	-30%		Pass	
2024GD303 Method Blank-1	Blank		1.828	2.075			5.7%	Pass	ND
M325B CCV 5	Cal	1.688	1.828	1.688	-7.6%	11%	60%	Fail	
M325B CCV 5	Check	1.654	1.828	1.688	-9.5%		7.5%	Pass	
M325B CCV 5	Cal	1.669	1.828	1.669	-8.7%	26%		Pass	
M325B CCV 5	Check	1.643	1.828	1.669	-10%		0.34%	Pass	

m-/p-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.522	1.361	1.522	12%	-31%		Pass	
2024GD303 Method Blank-1	Blank		1.361	1.522			5.7%	Pass	ND
M325B CCV 5	Cal	1.255	1.361	1.255	-7.8%	10%	60%	Fail	
M325B CCV 5	Check	1.247	1.361	1.255	-8.4%		7.5%	Pass	
M325B CCV 5	Cal	1.272	1.361	1.272	-6.6%	25%		Pass	
M325B CCV 5	Check	1.210	1.361	1.272	-11%		0.34%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.485	1.396	1.485	6.4%	-30%		Pass	
2024GD303 Method Blank-1	Blank		1.396	1.485			5.7%	Pass	ND
M325B CCV 5	Cal	1.235	1.396	1.235	-12%	11%	60%	Fail	
M325B CCV 5	Check	1.214	1.396	1.235	-13%		7.5%	Pass	
M325B CCV 5	Cal	1.241	1.396	1.241	-11%	26%		Pass	
M325B CCV 5	Check	1.185	1.396	1.241	-15%		0.34%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	1.898	1.569	1.898	21%	-30%		Pass	
2024GD303 Method Blank-1	Blank		1.569	1.898			5.7%	Pass	ND
M325B CCV 5	Cal	1.523	1.569	1.523	-2.9%	11%	60%	Fail	
M325B CCV 5	Check	1.503	1.569	1.523	-4.2%		7.5%	Pass	
M325B CCV 5	Cal	1.517	1.569	1.517	-3.3%	26%		Pass	
M325B CCV 5	Check	1.516	1.569	1.517	-3.4%		0.34%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	1	K0000156.D	4.98	53970	54.6	426953	1.385	3.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	2	K0000157.D	9.97	117471	54.6	423713	1.519	13%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	3	K0000158.D	19.94	217394	54.6	422290	1.410	5.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	4	K0000159.D	39.87	435967	54.6	418214	1.427	6.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	5	K0000160.D	99.68	1042392	54.6	422029	1.353	0.98%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	6	K0000161.D	199.36	2012379	54.6	418665	1.316	-1.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	7	K0000162.D	598.09	4460484	54.6	420310	0.969	-28%
						Avg:	421739	1.340	
						%RSD:	0.72%	13%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	1	K0000156.D	5.18	68005	64.4	430890	1.963	7.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	2	K0000157.D	10.36	140993	64.4	451748	1.941	6.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	3	K0000158.D	20.72	279725	64.4	454255	1.915	4.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	4	K0000159.D	41.44	555830	64.4	460380	1.877	2.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	5	K0000160.D	103.60	1284474	64.4	469763	1.700	-7.0%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	6	K0000161.D	207.21	2359209	64.4	466740	1.572	-14%
						Avg:	455629	1.828	
						%RSD:	3.1%	8.6%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	1	K0000156.D	4.89	44218	64.4	430890	1.351	-0.73%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	2	K0000157.D	9.78	98695	64.4	451748	1.439	5.7%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	3	K0000158.D	19.57	202684	64.4	454255	1.469	7.9%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	4	K0000159.D	39.14	409796	64.4	460380	1.465	7.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	5	K0000160.D	97.85	954019	64.4	469763	1.337	-1.8%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	6	K0000161.D	195.70	1852548	64.4	466740	1.307	-4.0%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	7	K0000162.D	587.09	5010845	64.4	473698	1.161	-15%
						Avg:	458211	1.361	
						%RSD:	3.2%	8.1%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	1	K0000156.D	4.06	18041	54.6	426953	0.568	3.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	2	K0000157.D	8.12	34980	54.6	423713	0.555	1.0%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	3	K0000158.D	16.24	67616	54.6	422290	0.538	-2.1%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	4	K0000159.D	32.49	140246	54.6	418214	0.564	2.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	5	K0000160.D	81.22	342878	54.6	422029	0.546	-0.61%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	6	K0000161.D	162.45	681556	54.6	418665	0.547	-0.42%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	7	K0000162.D	487.34	1981929	54.6	420310	0.528	-3.9%
						Avg:	421739	0.549	
						%RSD:	0.72%	2.5%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	1	K0000156.D	5.10	47539	64.4	430890	1.393	-0.18%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	2	K0000157.D	10.21	106292	64.4	451748	1.485	6.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	3	K0000158.D	20.41	211162	64.4	454255	1.467	5.1%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	4	K0000159.D	40.82	430029	64.4	460380	1.474	5.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	5	K0000160.D	102.05	963368	64.4	469763	1.295	-7.2%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	6	K0000161.D	204.11	1860527	64.4	466740	1.258	-9.8%
						Avg:	455629	1.396	
						%RSD:	3.1%	7.1%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD303-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	1	K0000156.D	5.39	60741	64.4	430890	1.685	7.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	2	K0000157.D	10.78	123928	64.4	451748	1.640	4.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	3	K0000158.D	21.56	246848	64.4	454255	1.624	3.5%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	4	K0000159.D	43.11	491226	64.4	460380	1.595	1.6%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	5	K0000160.D	107.78	1153960	64.4	469763	1.468	-6.4%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	6	K0000161.D	215.57	2187840	64.4	466740	1.401	-11%
						Avg:	455629	1.569	
						%RSD:	3.1%	7.0%	
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Benzene	ICV	K0000163.D	64.50	630072	54.6	427126	1.249	-6.8%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Ethylbenzene	ICV	K0000163.D	86.60	937378	64.4	475697	1.466	-20%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	m-/p-Xylene	ICV	K0000163.D	90.14	741782	64.4	475697	1.115	-18%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	n-Hexane	ICV	K0000163.D	71.95	278402	54.6	427126	0.495	-10%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	o-Xylene	ICV	K0000163.D	88.73	717484	64.4	475697	1.095	-22%
K091324C HBTEX.quantmethod_R1.quantmethod.xml	Toluene	ICV	K0000163.D	76.93	794256	64.4	475697	1.398	-11%

This Is The Last Page Of This Report.

Buckeye – South Portland

170 Lincoln Street
South Portland, ME 04106

Sampling Event 4

PROJ-031334

Analytical Report
(2024GD304)

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
Eneko Etxauri Otegi
QA Associate I

Report Issued: 10/09/2024

ENTHALPY
ANALYTICAL

Summary of Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Summary

Sample Code	Tube ID	Benzene (ug/m³)	Flag	Ethylbenzene (ug/m³)	Flag	m-/p-Xylene (ug/m³)	Flag	o-Xylene (ug/m³)	Flag	Toluene (ug/m³)	Flag
BCKSP-1-S-20240911	B27301	2.54		1.73		5.61		2.19		10.2	
BCKSP-2-S-20240911	B19729	3.12		2.30		8.29		2.87		14.2	
BCKSP-3-S-20240911	C33804	4.12		2.97		11.4		4.14		19.6	
BCKSP-4-S-20240911	B53278	3.01		1.70		6.28		2.26		11.7	
BCKSP-5-D-20240911	B43594	3.64		1.83		6.53		2.51		14.2	
BCKSP-5-S-20240911	B46201	3.64		2.05		7.35		2.74		14.3	
BCKSP-5-B-20240911	B27938		ND		ND		ND		ND		ND
BCKSP-6-S-20240911	C00650	4.36		2.41		8.78		3.22		18.1	
BCKSP-7-S-20240911	C38924	5.76		3.27		12.9		4.55		24.1	
BCKSP-8-S-20240911	B19396	8.31		4.66		17.5		6.17		36.6	
BCKSP-9-S-20240911	C00759	7.14		3.42		12.7		4.51		27.2	
BCKSP-10-S-20240911	B37511	5.36		2.41		8.09		2.89		18.6	
BCKSP-11-S-20240911	B50910	2.86		1.29		4.47		1.60		9.29	
BCKSP-12-S-20240911	B21047	2.88		1.42		4.77		1.60		9.90	
BCKSP-13-S-20240911	C33301	6.89		3.46		12.6		4.62		25.5	
BCKSP-14-S-20240911	C16074	2.91		1.45		5.34		1.92		10.3	
BCKSP-14-D-20240911	C37490	2.95		1.56		5.20		1.82		10.3	
BCKSP-14-B-20240911	B34796		ND		ND		ND		ND		ND
BCKSP-15-S-20240911	C43616	2.24		1.30		4.58		1.63		8.08	
BCKSP-16-S-20240911	B38581	1.83		1.32		4.51		1.66		6.64	

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

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240911	B27301	2.54	0.794	33.5	62.9	0.661	19,995	0.189	0.393	0.0592	0.123	
BCKSP-2-S-20240911	B19729	3.12	0.977	41.2	62.9	0.661	19,995	0.189	0.393	0.0592	0.123	
BCKSP-3-S-20240911	C33804	4.12	1.29	54.5	62.9	0.661	19,992	0.189	0.393	0.0592	0.123	
BCKSP-4-S-20240911	B53278	3.01	0.943	39.8	62.9	0.661	19,993	0.189	0.393	0.0592	0.123	
BCKSP-5-D-20240911	B43594	3.64	1.14	48.1	62.9	0.661	19,990	0.189	0.393	0.0592	0.123	
BCKSP-5-S-20240911	B46201	3.64	1.14	48.1	62.9	0.661	19,990	0.189	0.393	0.0592	0.123	
BCKSP-5-B-20240911	B27938				62.9	0.661	19,990	0.189	0.393	0.0592	0.123	ND
BCKSP-6-S-20240911	C00650	4.36	1.37	57.7	62.9	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-7-S-20240911	C38924	5.76	1.80	76.1	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-8-S-20240911	B19396	8.31	2.60	110	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-9-S-20240911	C00759	7.14	2.24	94.4	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-10-S-20240911	B37511	5.36	1.68	70.9	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-11-S-20240911	B50910	2.86	0.896	37.8	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-12-S-20240911	B21047	2.88	0.902	38.0	62.8	0.661	19,990	0.189	0.393	0.0593	0.123	
BCKSP-13-S-20240911	C33301	6.89	2.16	91.1	62.8	0.661	19,992	0.189	0.393	0.0592	0.123	
BCKSP-14-S-20240911	C16074	2.91	0.911	38.4	62.8	0.661	19,994	0.189	0.393	0.0592	0.123	
BCKSP-14-D-20240911	C37490	2.95	0.923	39.0	62.8	0.661	19,994	0.189	0.393	0.0592	0.123	
BCKSP-14-B-20240911	B34796				62.8	0.661	19,994	0.189	0.393	0.0592	0.123	ND
BCKSP-15-S-20240911	C43616	2.24	0.700	29.6	62.8	0.661	19,995	0.189	0.393	0.0592	0.123	
BCKSP-16-S-20240911	B38581	1.83	0.573	24.2	62.8	0.661	19,995	0.189	0.393	0.0592	0.123	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240911	B27301	1.73	0.399	15.7	62.9	0.454	19,995	0.275	0.588	0.0635	0.135	
BCKSP-2-S-20240911	B19729	2.30	0.529	20.8	62.9	0.454	19,995	0.275	0.588	0.0635	0.135	
BCKSP-3-S-20240911	C33804	2.97	0.685	27.0	62.9	0.454	19,992	0.276	0.588	0.0635	0.135	
BCKSP-4-S-20240911	B53278	1.70	0.392	15.4	62.9	0.454	19,993	0.275	0.588	0.0635	0.135	
BCKSP-5-D-20240911	B43594	1.83	0.422	16.6	62.9	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-5-S-20240911	B46201	2.05	0.473	18.6	62.9	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-5-B-20240911	B27938				62.9	0.454	19,990	0.276	0.588	0.0635	0.135	ND
BCKSP-6-S-20240911	C00650	2.41	0.555	21.8	62.9	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-7-S-20240911	C38924	3.27	0.753	29.7	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-8-S-20240911	B19396	4.66	1.07	42.3	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-9-S-20240911	C00759	3.42	0.788	31.0	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-10-S-20240911	B37511	2.41	0.556	21.9	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-11-S-20240911	B50910	1.29	0.296	11.7	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-12-S-20240911	B21047	1.42	0.328	12.9	62.8	0.454	19,990	0.276	0.588	0.0635	0.135	
BCKSP-13-S-20240911	C33301	3.46	0.798	31.4	62.8	0.454	19,992	0.276	0.588	0.0635	0.135	
BCKSP-14-S-20240911	C16074	1.45	0.334	13.1	62.8	0.454	19,994	0.275	0.588	0.0635	0.135	
BCKSP-14-D-20240911	C37490	1.56	0.360	14.2	62.8	0.454	19,994	0.275	0.588	0.0635	0.135	
BCKSP-14-B-20240911	B34796				62.8	0.454	19,994	0.275	0.588	0.0635	0.135	ND
BCKSP-15-S-20240911	C43616	1.30	0.300	11.8	62.8	0.454	19,995	0.275	0.588	0.0635	0.135	
BCKSP-16-S-20240911	B38581	1.32	0.305	12.0	62.8	0.454	19,995	0.275	0.588	0.0635	0.135	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

m-/p-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240911	B27301	5.61	1.29	51.0	62.9	0.454	19,995	0.275	0.591	0.0635	0.136	
BCKSP-2-S-20240911	B19729	8.29	1.91	75.2	62.9	0.454	19,995	0.275	0.591	0.0635	0.136	
BCKSP-3-S-20240911	C33804	11.4	2.64	104	62.9	0.454	19,992	0.276	0.592	0.0635	0.136	
BCKSP-4-S-20240911	B53278	6.28	1.45	57.0	62.9	0.454	19,993	0.275	0.592	0.0635	0.136	
BCKSP-5-D-20240911	B43594	6.53	1.51	59.3	62.9	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-5-S-20240911	B46201	7.35	1.69	66.7	62.9	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-5-B-20240911	B27938				62.9	0.454	19,990	0.276	0.592	0.0635	0.136	ND
BCKSP-6-S-20240911	C00650	8.78	2.02	79.7	62.9	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-7-S-20240911	C38924	12.9	2.96	117	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-8-S-20240911	B19396	17.5	4.04	159	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-9-S-20240911	C00759	12.7	2.93	116	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-10-S-20240911	B37511	8.09	1.86	73.4	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-11-S-20240911	B50910	4.47	1.03	40.6	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-12-S-20240911	B21047	4.77	1.10	43.3	62.8	0.454	19,990	0.276	0.592	0.0635	0.136	
BCKSP-13-S-20240911	C33301	12.6	2.90	114	62.8	0.454	19,992	0.276	0.592	0.0635	0.136	
BCKSP-14-S-20240911	C16074	5.34	1.23	48.5	62.8	0.454	19,994	0.275	0.592	0.0635	0.136	
BCKSP-14-D-20240911	C37490	5.20	1.20	47.2	62.8	0.454	19,994	0.275	0.592	0.0635	0.136	
BCKSP-14-B-20240911	B34796				62.8	0.454	19,994	0.275	0.592	0.0635	0.136	ND
BCKSP-15-S-20240911	C43616	4.58	1.06	41.6	62.8	0.454	19,995	0.275	0.592	0.0635	0.136	
BCKSP-16-S-20240911	B38581	4.51	1.04	40.9	62.8	0.454	19,995	0.275	0.592	0.0635	0.136	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240911	B27301	2.19	0.504	19.9	62.9	0.454	19,995	0.275	0.595	0.0635	0.137	
BCKSP-2-S-20240911	B19729	2.87	0.662	26.1	62.9	0.454	19,995	0.275	0.595	0.0635	0.137	
BCKSP-3-S-20240911	C33804	4.14	0.954	37.5	62.9	0.454	19,992	0.276	0.595	0.0635	0.137	
BCKSP-4-S-20240911	B53278	2.26	0.521	20.5	62.9	0.454	19,993	0.275	0.595	0.0635	0.137	
BCKSP-5-D-20240911	B43594	2.51	0.579	22.8	62.9	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-5-S-20240911	B46201	2.74	0.631	24.8	62.9	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-5-B-20240911	B27938				62.9	0.454	19,990	0.276	0.595	0.0635	0.137	ND
BCKSP-6-S-20240911	C00650	3.22	0.742	29.2	62.9	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-7-S-20240911	C38924	4.55	1.05	41.2	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-8-S-20240911	B19396	6.17	1.42	55.9	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-9-S-20240911	C00759	4.51	1.04	40.9	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-10-S-20240911	B37511	2.89	0.666	26.2	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-11-S-20240911	B50910	1.60	0.369	14.5	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-12-S-20240911	B21047	1.60	0.368	14.5	62.8	0.454	19,990	0.276	0.595	0.0635	0.137	
BCKSP-13-S-20240911	C33301	4.62	1.06	41.9	62.8	0.454	19,992	0.276	0.595	0.0635	0.137	
BCKSP-14-S-20240911	C16074	1.92	0.443	17.4	62.8	0.454	19,994	0.275	0.595	0.0635	0.137	
BCKSP-14-D-20240911	C37490	1.82	0.419	16.5	62.8	0.454	19,994	0.275	0.595	0.0635	0.137	
BCKSP-14-B-20240911	B34796				62.8	0.454	19,994	0.275	0.595	0.0635	0.137	ND
BCKSP-15-S-20240911	C43616	1.63	0.377	14.8	62.8	0.454	19,995	0.275	0.595	0.0635	0.137	
BCKSP-16-S-20240911	B38581	1.66	0.382	15.1	62.8	0.454	19,995	0.275	0.595	0.0635	0.137	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags
BCKSP-1-S-20240911	B27301	10.2	2.71	105	62.9	0.513	19,995	0.244	0.525	0.0647	0.139	
BCKSP-2-S-20240911	B19729	14.2	3.77	146	62.9	0.513	19,995	0.244	0.525	0.0647	0.139	
BCKSP-3-S-20240911	C33804	19.6	5.20	201	62.9	0.513	19,992	0.244	0.525	0.0647	0.139	
BCKSP-4-S-20240911	B53278	11.7	3.11	120	62.9	0.513	19,993	0.244	0.525	0.0647	0.139	
BCKSP-5-D-20240911	B43594	14.2	3.76	145	62.9	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-5-S-20240911	B46201	14.3	3.79	146	62.9	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-5-B-20240911	B27938				62.9	0.513	19,990	0.244	0.525	0.0647	0.140	ND
BCKSP-6-S-20240911	C00650	18.1	4.82	186	62.9	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-7-S-20240911	C38924	24.1	6.40	247	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-8-S-20240911	B19396	36.6	9.71	375	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-9-S-20240911	C00759	27.2	7.23	279	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-10-S-20240911	B37511	18.6	4.93	190	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-11-S-20240911	B50910	9.29	2.47	95.3	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-12-S-20240911	B21047	9.90	2.63	102	62.8	0.513	19,990	0.244	0.525	0.0647	0.140	
BCKSP-13-S-20240911	C33301	25.5	6.78	262	62.8	0.513	19,992	0.244	0.525	0.0647	0.139	
BCKSP-14-S-20240911	C16074	10.3	2.73	106	62.8	0.513	19,994	0.244	0.525	0.0647	0.139	
BCKSP-14-D-20240911	C37490	10.3	2.74	106	62.8	0.513	19,994	0.244	0.525	0.0647	0.139	
BCKSP-14-B-20240911	B34796				62.8	0.513	19,994	0.244	0.525	0.0647	0.139	ND
BCKSP-15-S-20240911	C43616	8.08	2.15	82.9	62.8	0.513	19,995	0.244	0.525	0.0647	0.139	
BCKSP-16-S-20240911	B38581	6.64	1.76	68.1	62.8	0.513	19,995	0.244	0.525	0.0647	0.139	

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

QC

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

QC Samples

Field Sample Type	Sample Code	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
Blanks (ug/m³)	BCKSP-5-B-20240911	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	BCKSP-14-B-20240911	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	BCKSP-5-D-20240911	0.083%	Pass	11%	Pass	12%	Pass	8.6%	Pass	0.82%	Pass
	BCKSP-14-D-20240911	1.4%	Pass	7.7%	Pass	2.7%	Pass	5.6%	Pass	0.13%	Pass

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Site	Buckeye – South Portland
Project	PROJ-031334
Report #	2024GD304

Custody	Enthalpy Analytical, LLC received the sample tubes on 9/30/24. The samples were received in good condition at a temperature of 23.2 ºC, which is above the method recommended 23.0 ºC. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC.
Analysis	The samples were analyzed for Benzene, Toluene, Ethylbenzene, o-Xylene, and m-/p-Xylenes using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method (M325B-TD35.M) is not included in this report but may be available upon request.
Calibration	All BFB tune criteria have been met for this analysis. The initial calibration met 30% RSD criteria. The initial calibration verification met 30% recovery criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.
Quality Control Notes	All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.
Reporting Notes	The samples may have been purged to remove known or suspected moisture. If purging occurred, a CCV and a Method Blank will have been purged alongside the samples. The laboratory maintains documentation of samples that are purged. As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks. All samples were reported as amount in ng catch, and concentration in µg/m3 and ppbv. The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Sample Custody

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2024GD304 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:	Buckeye So Portland	**Client Name:**	Montrose Air	**PO#:**	
Site Address:	170 Lincoln Street	**Project Number:**	PROS-031334	**Sample Event #**	
City:	So Portland	**Project Manager:**	Haig Brochu	**Sorbent:**	
State	Maine	**Email Address:**	haigbrochu@montrose-env.com		
Zip:	04106	**Telephone #:**	207.441.0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	S	B27301	9/11/24	12:45	9/25/24	10:00	HFB / HFB		
2	S	B19729	9/11/24	12:50	9/25/24	10:05	HFB / HFB		
3	S	C33804	9/11/24	13:00	9/25/24	10:12	HFB / HFB		
4	S	B53278	9/11/24	13:05	9/25/24	10:18	HFB / HFB		
5	S	B43594	9/11/24	13:15	9/25/24	10:25	HFB / HFB		
5	D	B96201	9/11/24	1315	9/25/24	10:25	HFB / HFB		
5	B	B27938	9/11/24	13:15	9/25/24	00:25	HFB / HFB		
6	S	C00650	9/11/24	13:20	9/25/24	10:30	HFB / HFB		

Relinquished By (printed): Haig Brochu	**Relinquished By (signature):**	**Relinquished Date:** 9/25/2024	**Relinquished Time:** 16:00
Recieved By (printed): Abby Browning	**Recieved By (signature):** Abby Br	**Receipt Date:** 9/30/24	**Receipt Time:** 10:00
Sample Condition Upon Receipt: Good	**Compound List:**	**Custody Seal intact? Y/N:** Yes	**Delivery tracking #**
Ice Temp:	**Blank Temp:** 23.2 Fluke 7A	**Add Custody Seal # below:** 24A00594	

Comments:

ENTHALPY ANALYTICAL

2024GD304 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:	Buckeye So Portland	Client Name:	Montrose AIR	PO#:	
Site Address:	170 Lincoln Street	Project Number:	PROS-031334	Sample Event #	
City:	So Portland	Project Manager:	Haig Brochu	Sorbent:	
State	Maine	Email Address:	haigbrochu@Montrose-env.com		
Zip:	04106	Telephone #:	207-844-0025		

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	C38924	S	9/11/24	13:25	9/25/24	10:35	HB / HFB		
8	B19396	S	9/11/24	13:30	9/25/24	10:40	HB / HFB		
9	C00759	S	9/11/24	13:35	9/25/24	10:45	HFB / HB		
10	B37511	S	9/11/24	13:40	9/25/24	10:50	HFB / HB		
11	B50910	S	9/11/24	13:45	9/25/24	10:55	HFB / HB		
12	B21047	S	9/11/24	13:50	9/25/24	11:00	HFB / HB		
13	C33301	S	9/11/24	13:53	9/25/24	11:05	HFB / HB		
14	C16074	S	9/11/24	13:56	9/25/24	11:10	HB / HFB		

Relinquished By (printed): Haig Brochu	Relinquished By (signature):	Relinquished Date: 9/25/2024	Relinquished Time: 16:00
Recieved By (printed): Abby Browning	Recieved By (signature): Abby Browning	Receipt Date: 9/30/24	Receipt Time: 10:00
Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Yes	Delivery tracking #
Ice Temp:	Blank Temp: 23.2 Fluke 7A	Add Custody Seal # below: 24A00594	

Comments:

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

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2024GD304 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:	Buckeye So Portland	Client Name:	Montrose Air
Site Address:	170 Lincoln Street	Project Number:	PROJ-031334
City:	So Portland	Project Manager:	Haig BROWN
State	Maine	Email Address:	hwybrown@Montrose-env.com
Zip:	04106	Telephone #:	207-441-0025

PO#:
Sample Event #
Sorbent:

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)
14	C37490	D	9/11/24	13:56	9/25/24	11:10	HBS / HBS		
14	B34796	B	9/11/24	13:56	9/25/24	11:10	HBS / HBS		
15	C43616	S	9/11/24	14:05	9/25/24	11:20	HBS / AR		
16	B38581	S	9/11/24	14:10	9/25/24	11:25	HBS / HBS		
							/		
							/		
							/		
							/		

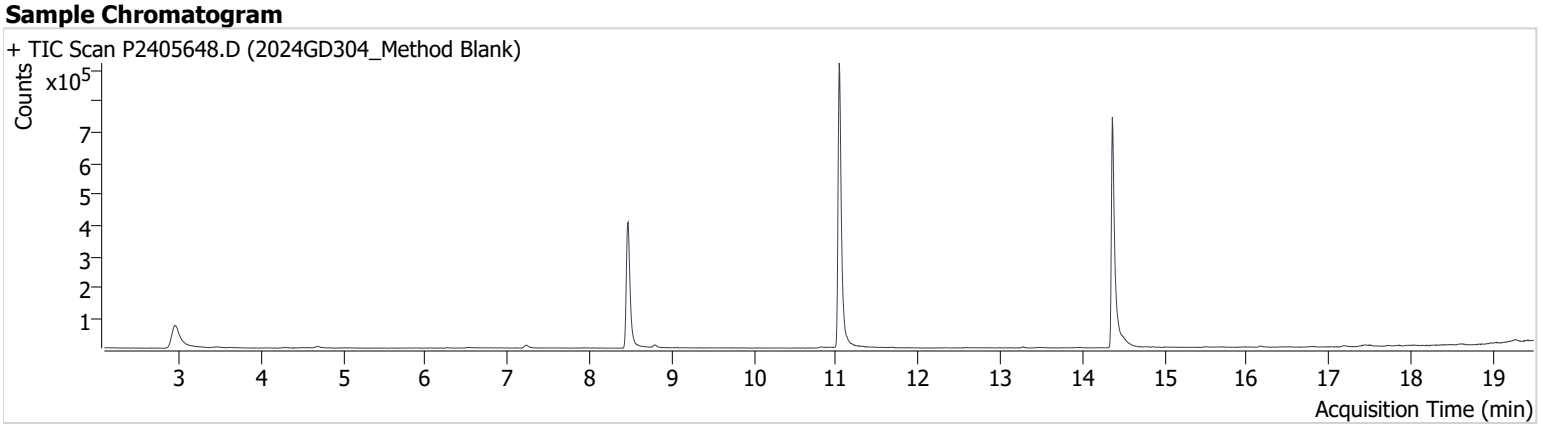
Relinquished By (printed): Haig BROWN	Relinquished By (signature):	Relinquished Date: 9/25/2024	Relinquished Time: 16:00
Recieved By (printed): Abby Browning	Recieved By (signature): Abby B	Receipt Date: 9/30/24	Receipt Time: 10:00
Sample Condition Upon Receipt: Good	Compound List:	Custody Seal intact? Y/N: Yes	Delivery tracking #
Ice Temp:	Blank Temp: 23.2 Fluke 7A	Add Custody Seal # below: 24A00594	

Comments:

Sample Chromatograms

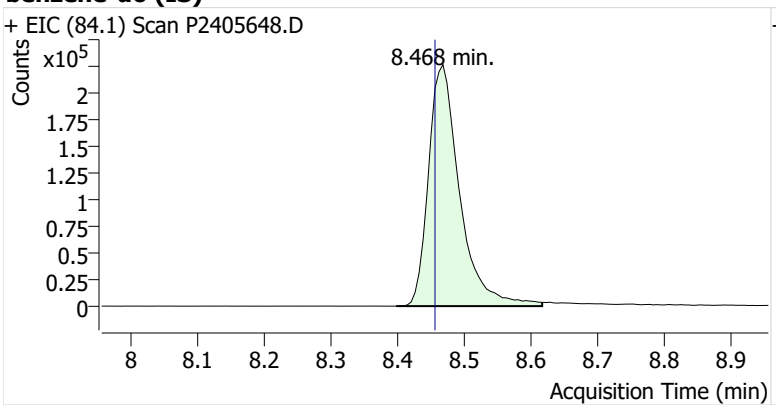
Name	2024GD304_Method Blank
Comment	C43686
Data File	P2405648.D
Acq. Date-Time	10/2/2024 5:18:14 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

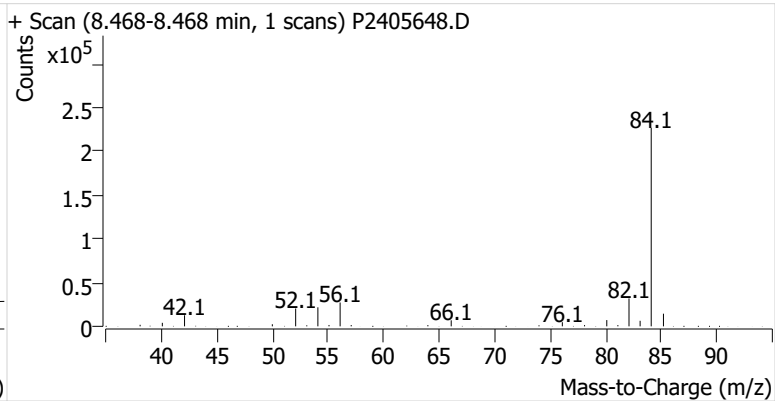
Sample Chromatogram



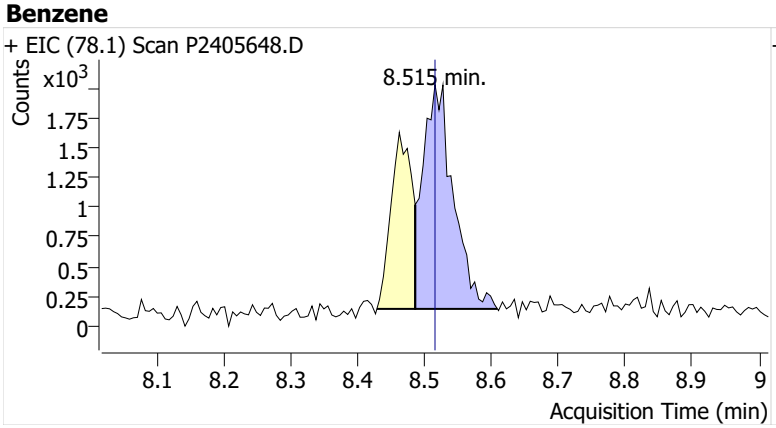
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.468	8.456	734,751	
Benzene	benzene-d6 (IS)	8.515	8.515	5,987	
Toluene-d8 (IS)		11.038	11.032	1,033,627	
Toluene	Toluene-d8 (IS)	11.133	11.121	9,635	
Ethylbenzene	Toluene-d8 (IS)	13.275	13.252	3,686	
m-/p-Xylene	Toluene-d8 (IS)	13.477	13.459	3,060	
o-Xylene	Toluene-d8 (IS)	13.934	13.922	2,511	

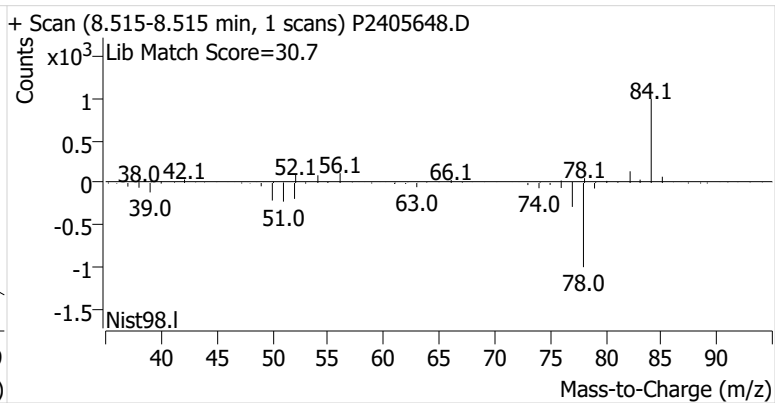
benzene-d6 (IS)



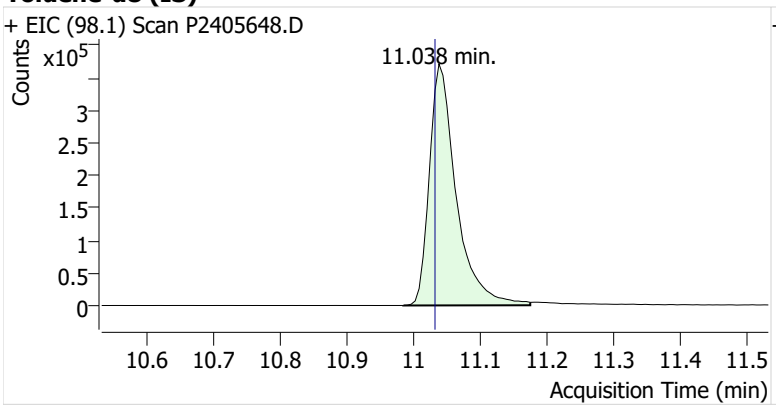


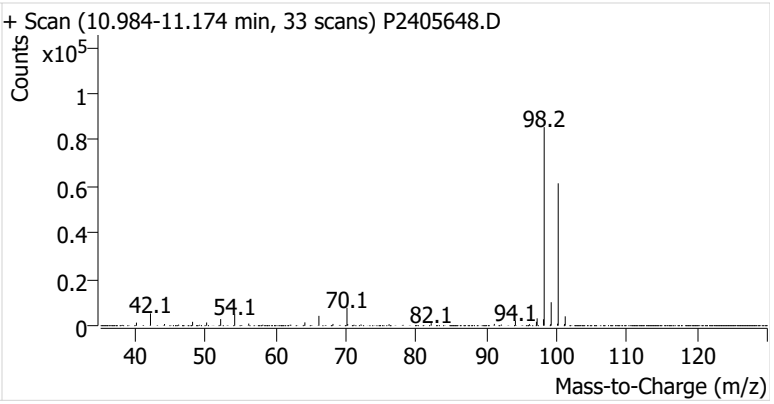
Benzene



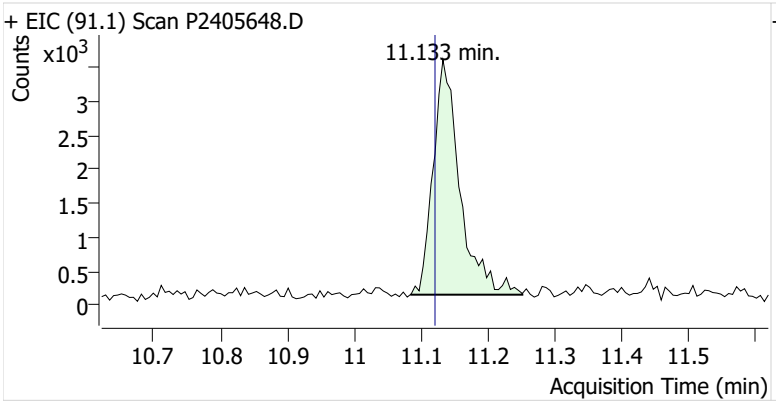


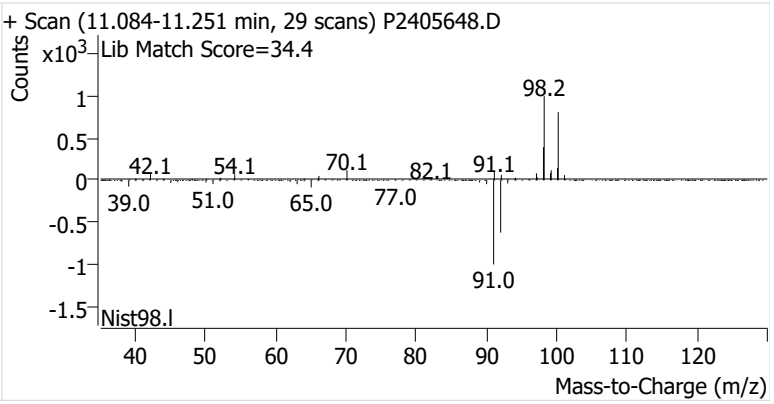
Toluene-d8 (IS)



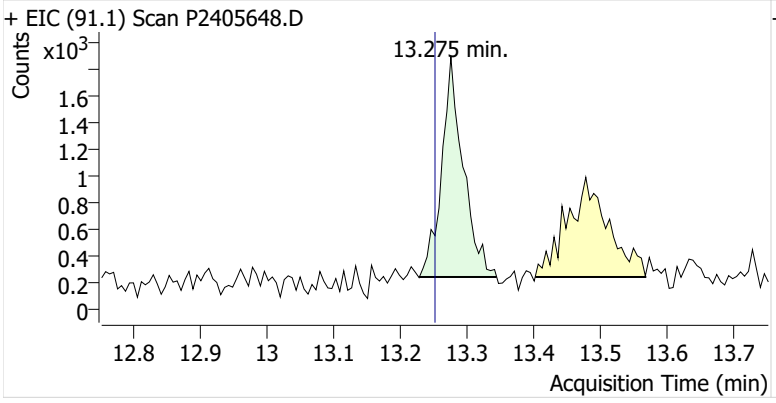


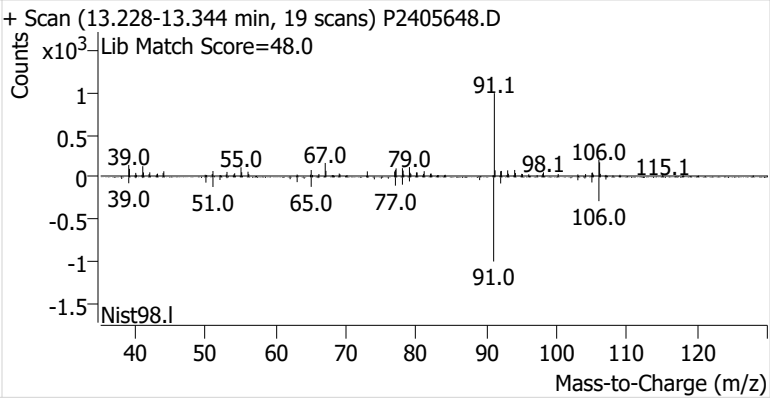
Toluene



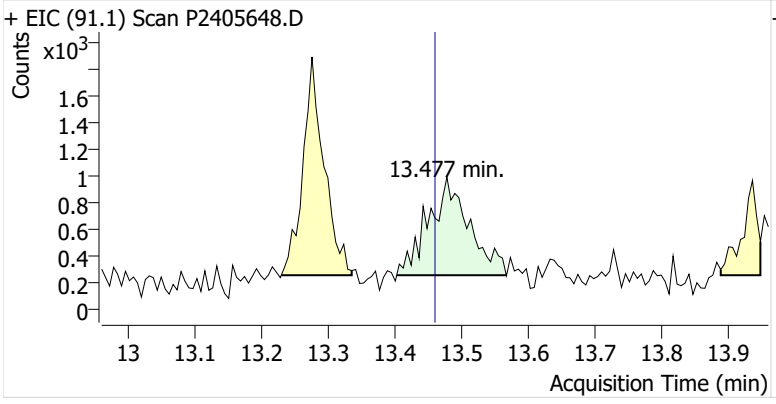


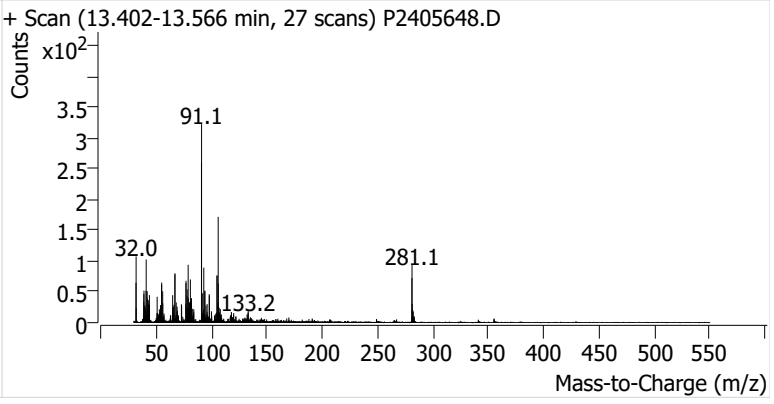
Ethylbenzene



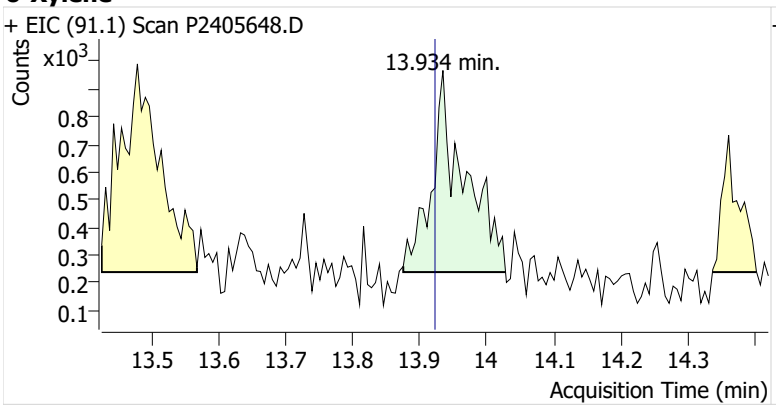


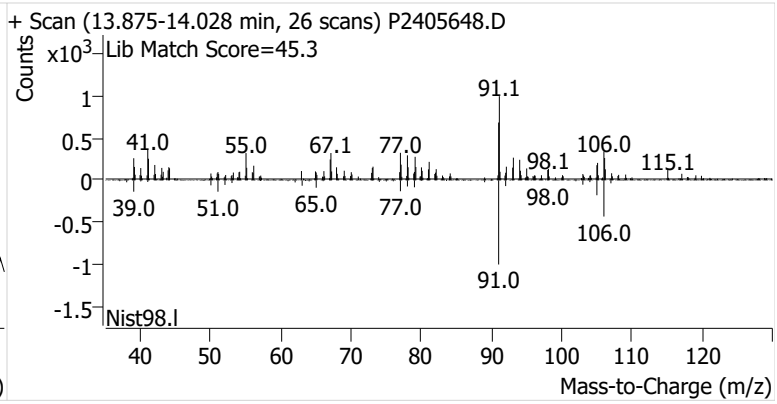
m-/p-Xylene





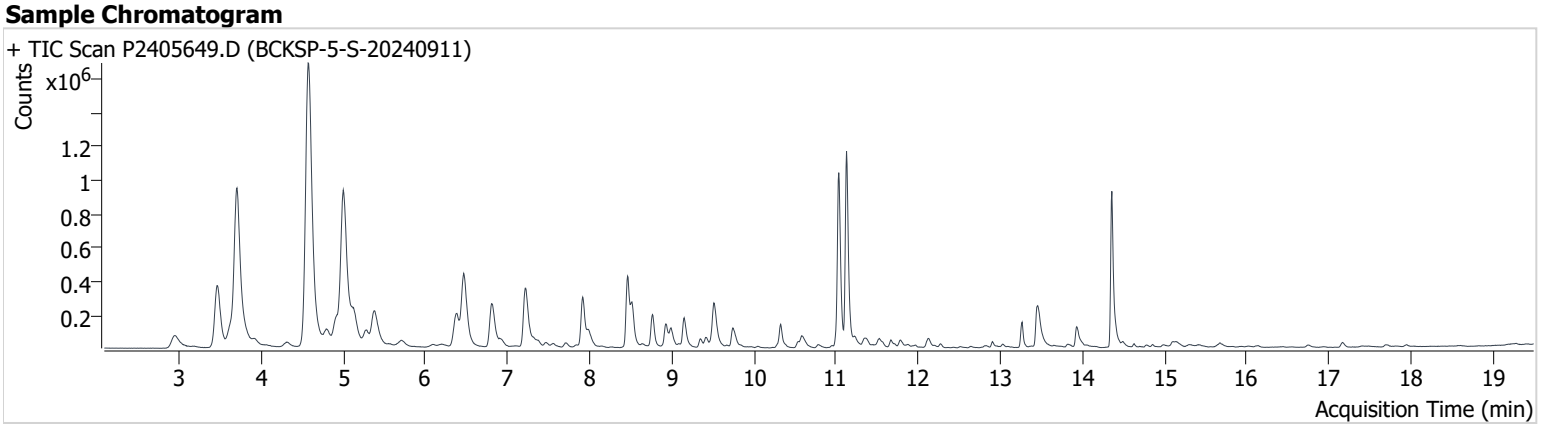
o-Xylene


+ EIC (91.1) Scan P2405648.D
Counts
x10^3
13.934 min.
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.875-14.028 min, 26 scans) P2405648.D
Counts
x10^3
Lib Match Score=45.3
91.1
41.0
55.0
67.1
77.0
98.1
106.0
115.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

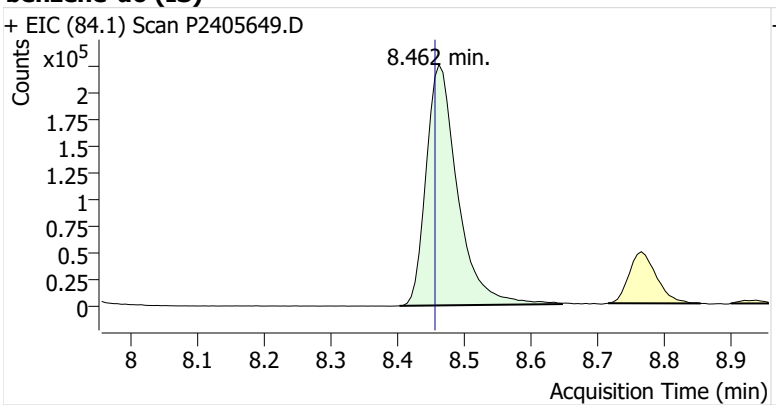
Name	BCKSP-5-S-20240911
Comment	B46201
Data File	P2405649.D
Acq. Date-Time	10/2/2024 5:55:31 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

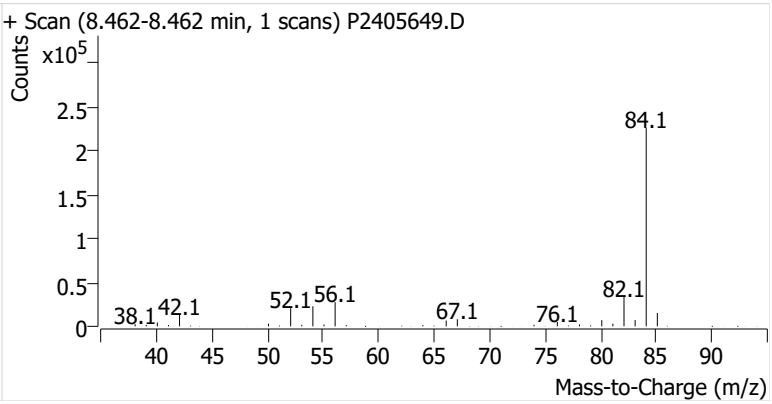
Sample Chromatogram



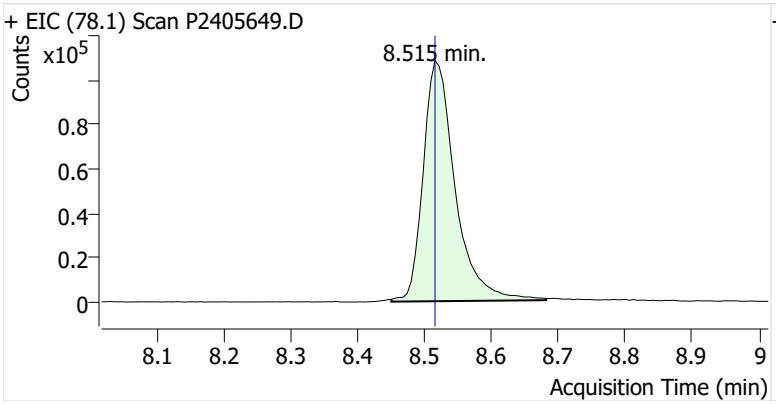
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	737,580	
Benzene	benzene-d6 (IS)	8.515	8.515	361,195	
Toluene-d8 (IS)		11.032	11.032	1,069,030	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,228,714	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	163,341	
m-/p-Xylene	Toluene-d8 (IS)	13.453	13.459	401,695	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	162,037	

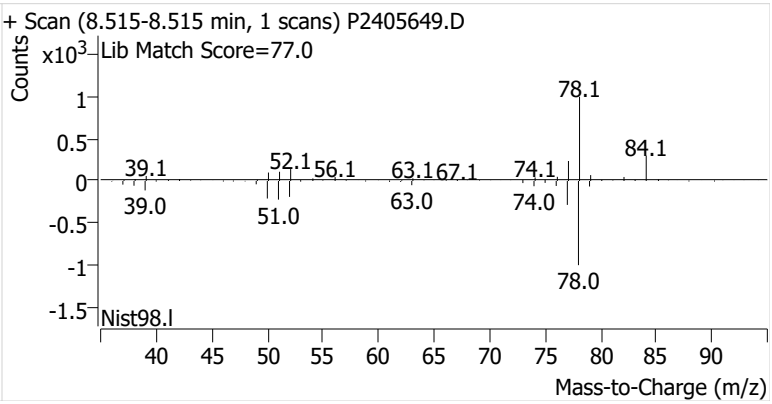
benzene-d6 (IS)



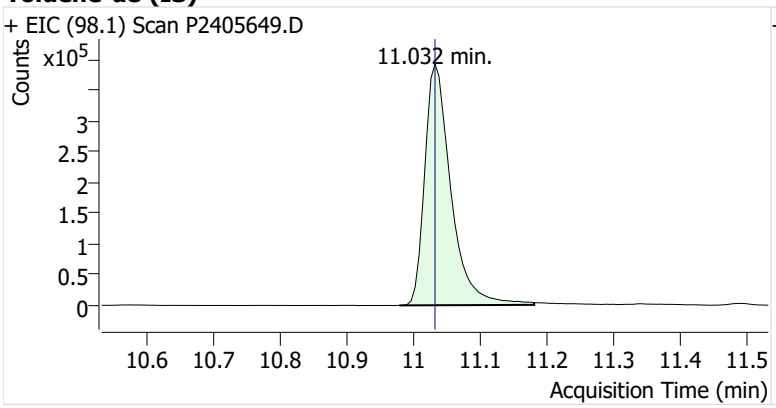


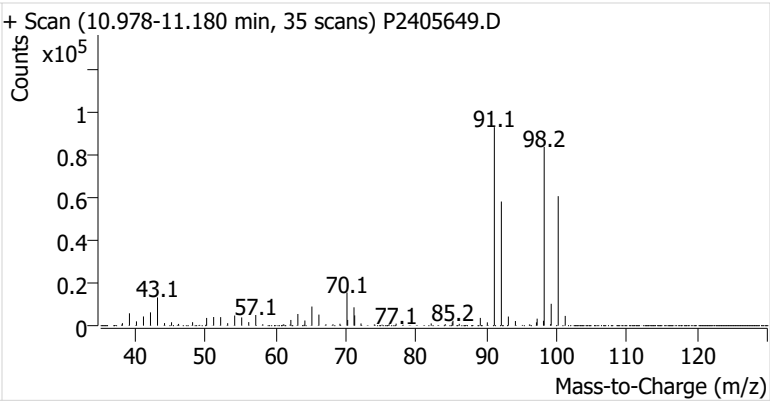
Benzene



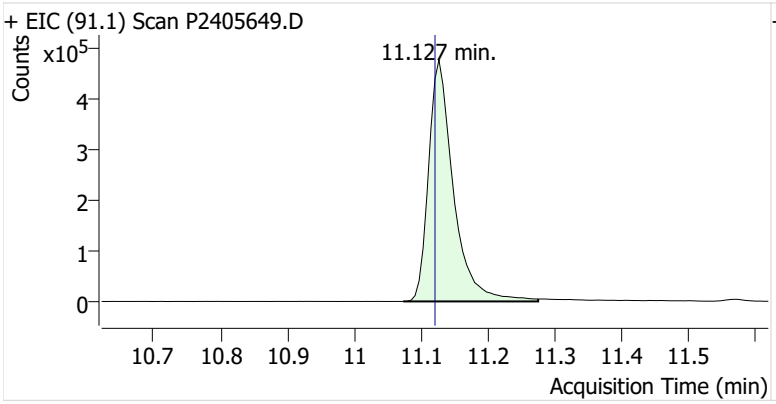


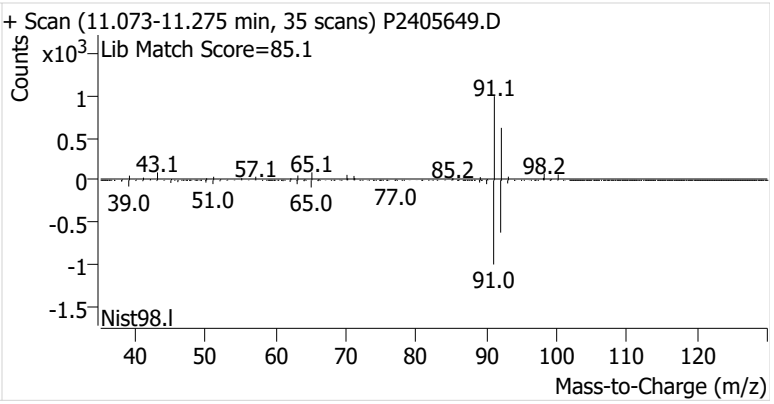
Toluene-d8 (IS)



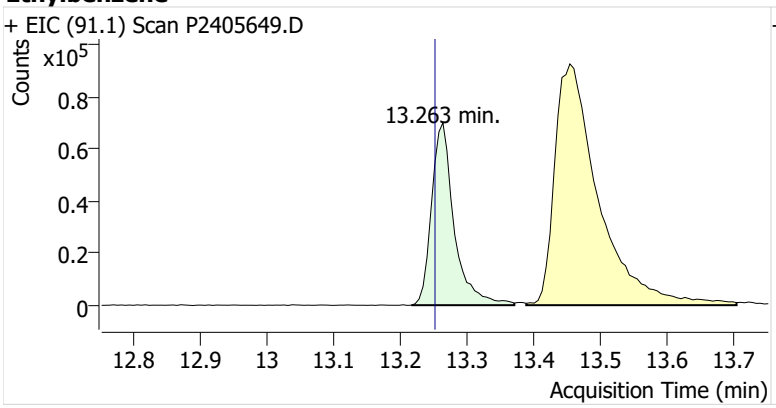


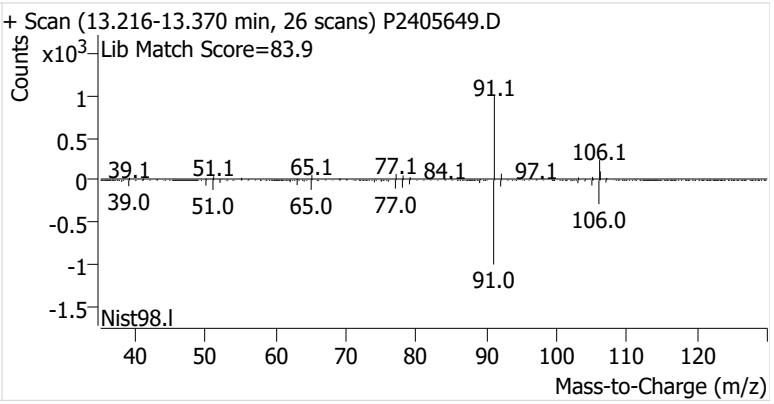
Toluene



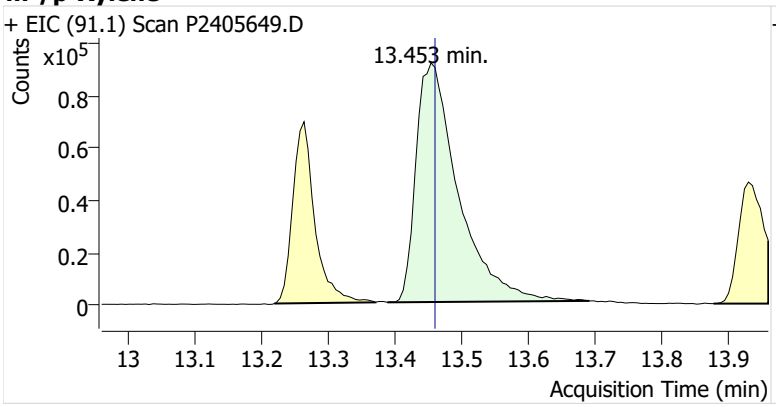


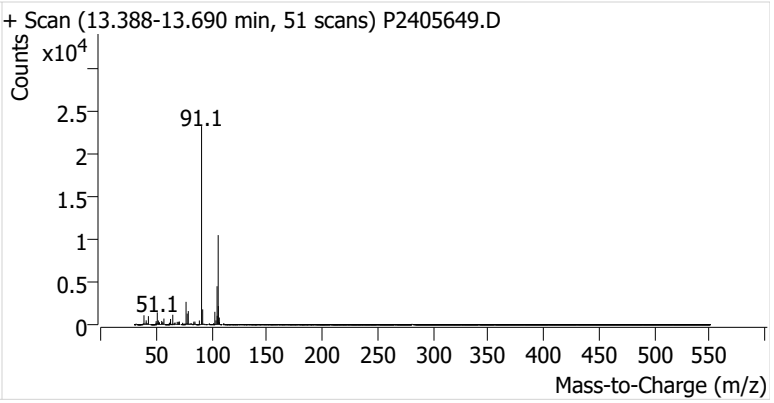
Ethylbenzene



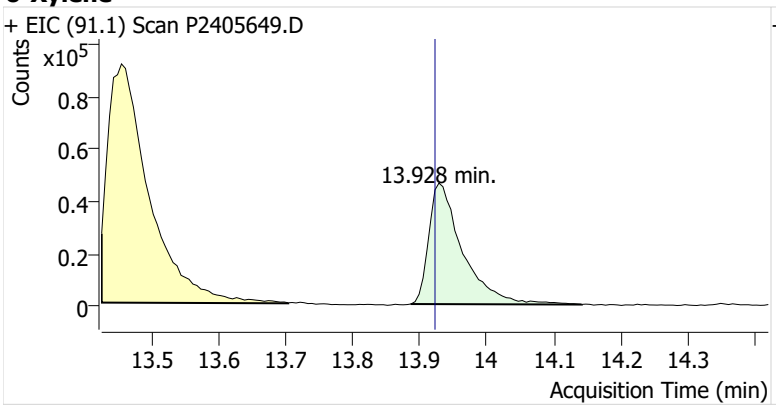


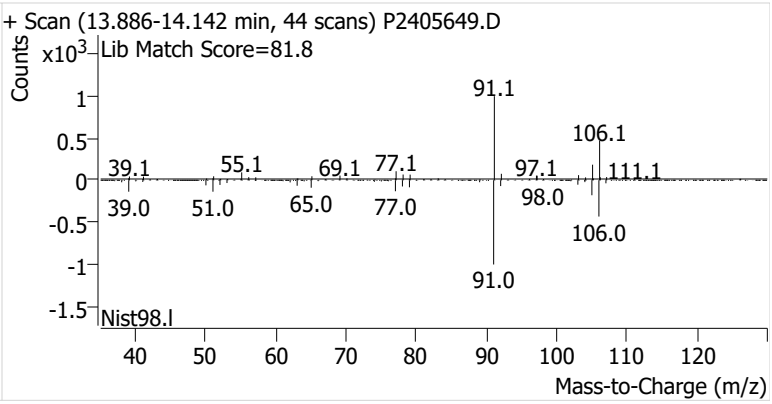
m-/p-Xylene





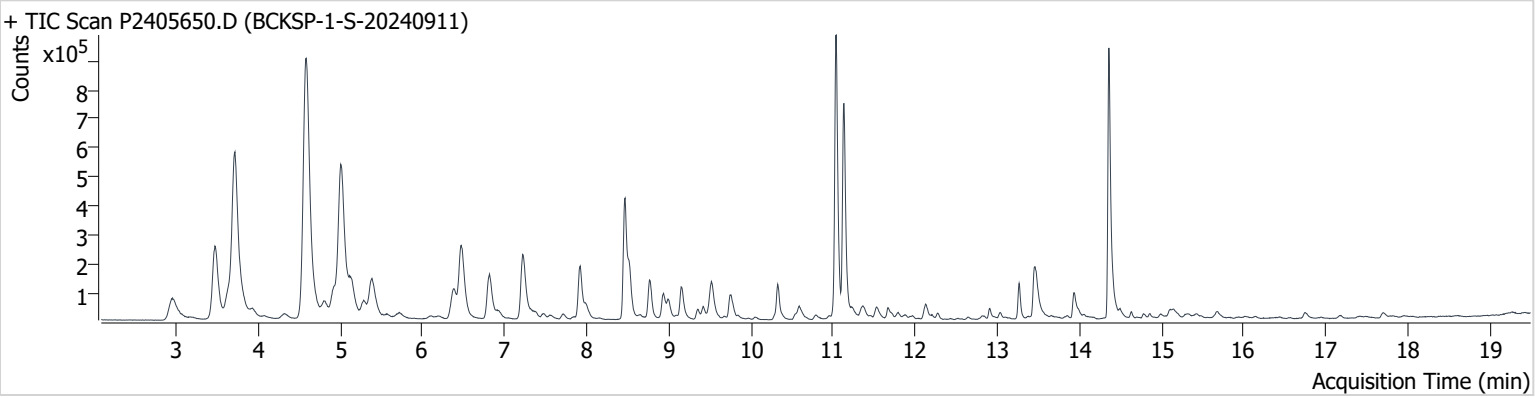
o-Xylene


+ EIC (91.1) Scan P2405649.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.928 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.886-14.142 min, 44 scans) P2405649.D
Counts
x10^3
Lib Match Score=81.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

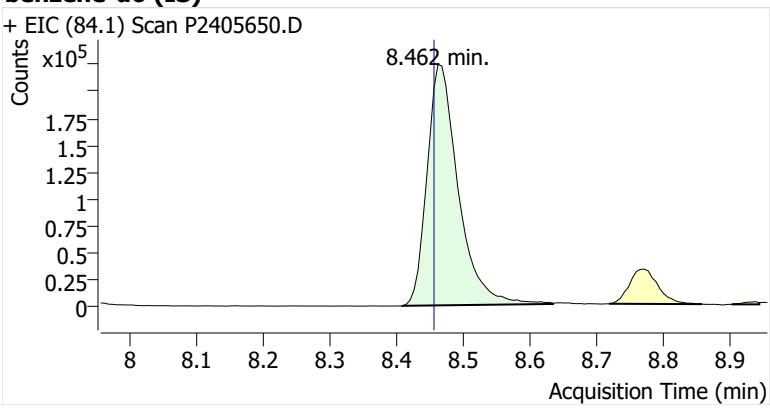
Name	BCKSP-1-S-20240911
Comment	B27301
Data File	P2405650.D
Acq. Date-Time	10/2/2024 6:32:45 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

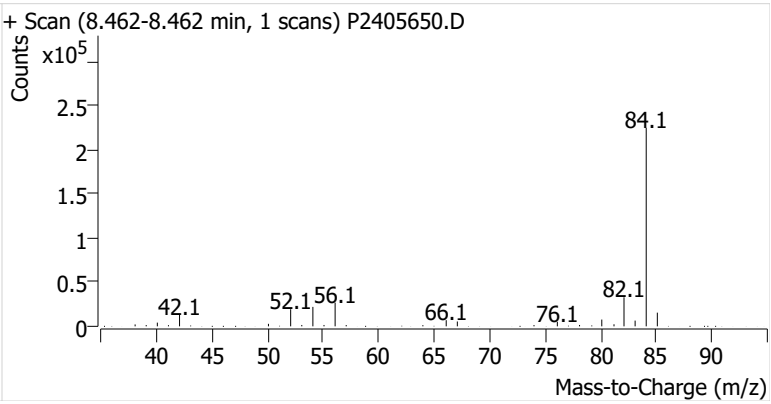
Sample Chromatogram



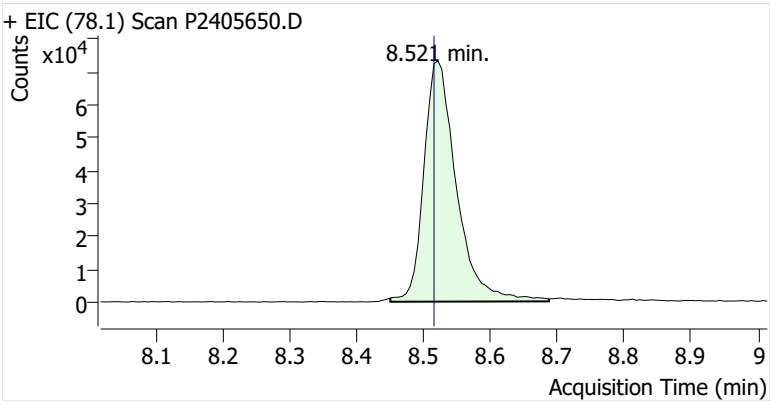
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	727,809	
Benzene	benzene-d6 (IS)	8.521	8.515	248,553	
Toluene-d8 (IS)		11.038	11.032	1,008,659	
Toluene	Toluene-d8 (IS)	11.127	11.121	830,281	
Ethylbenzene	Toluene-d8 (IS)	13.263	13.252	130,032	
m-/p-Xylene	Toluene-d8 (IS)	13.453	13.459	289,710	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	122,312	

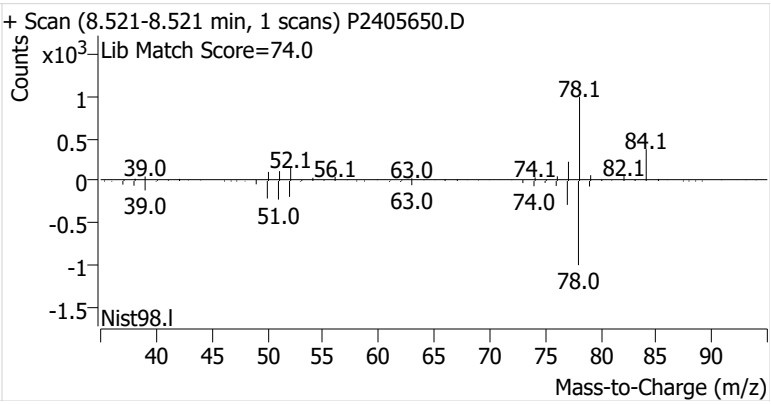
benzene-d6 (IS)



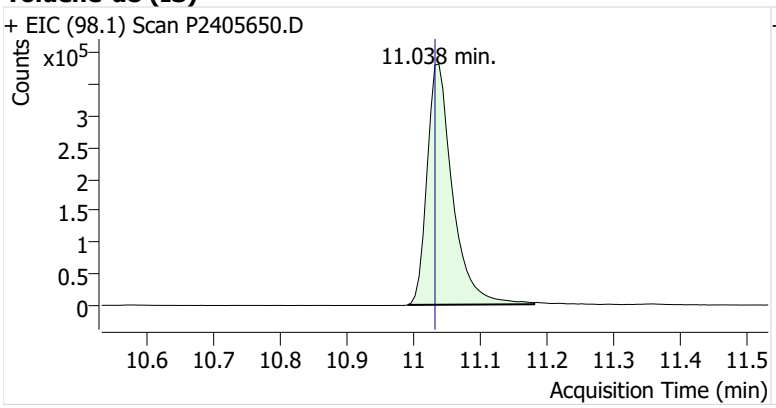


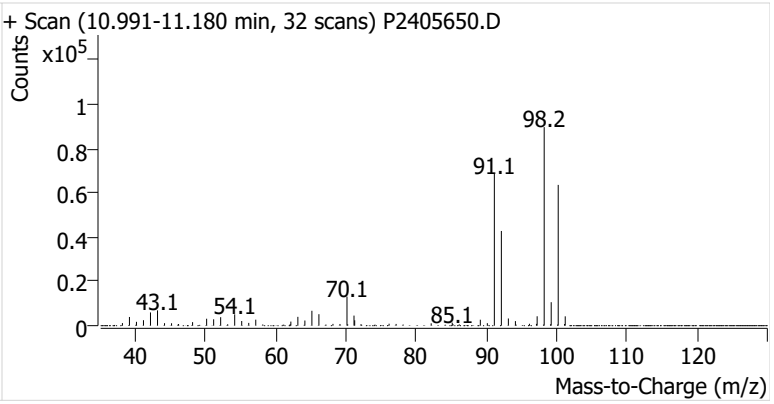
Benzene



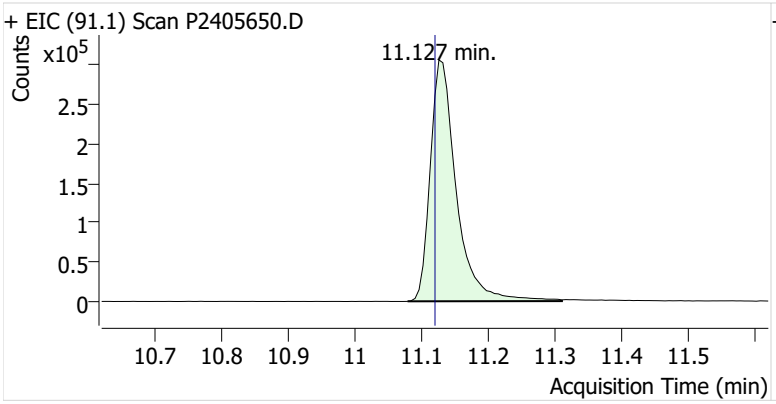


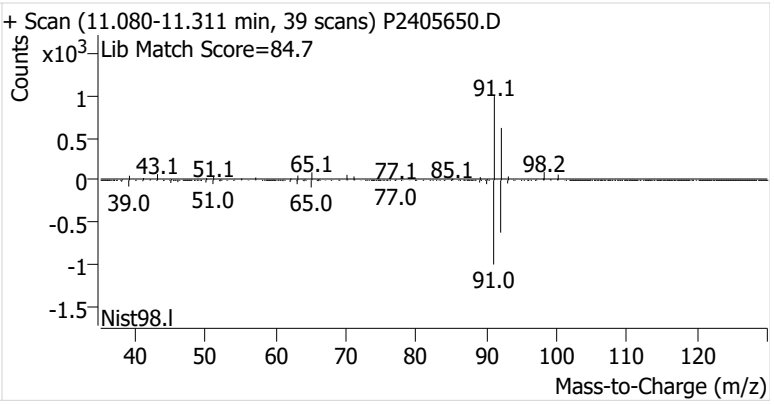
Toluene-d8 (IS)



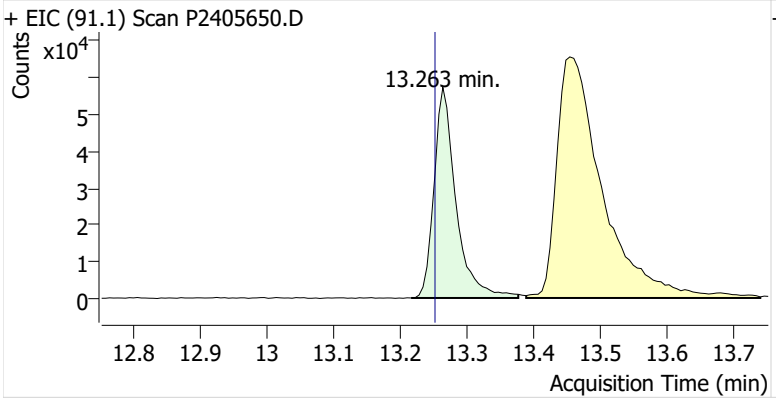


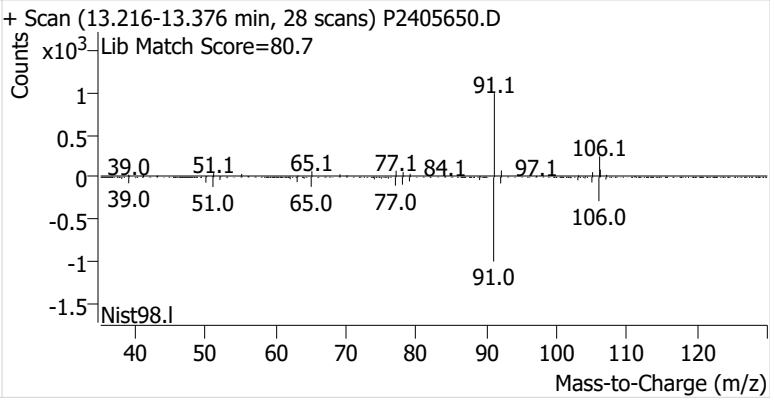
Toluene



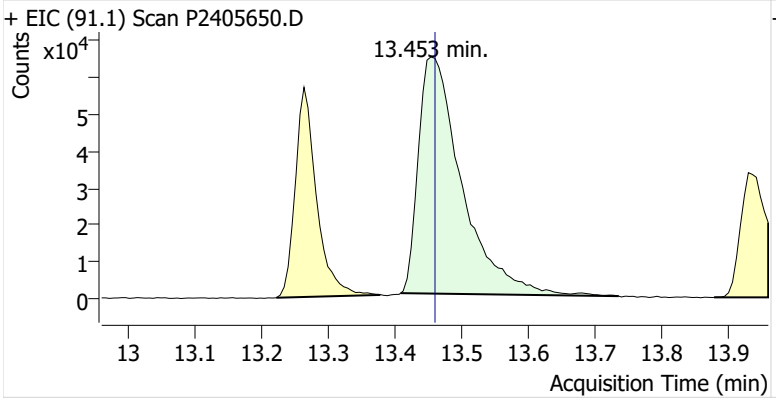


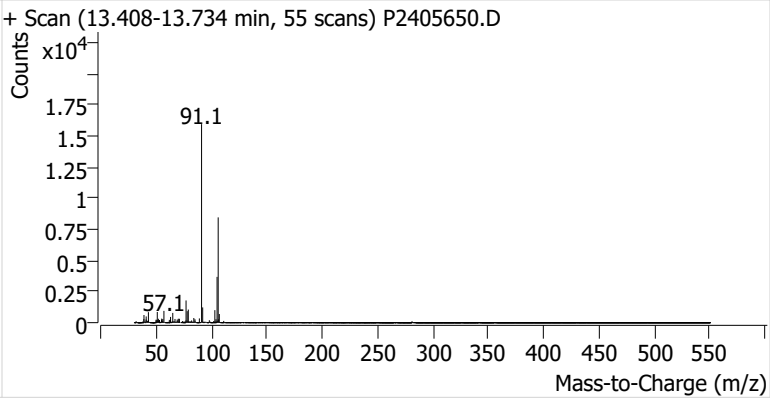
Ethylbenzene



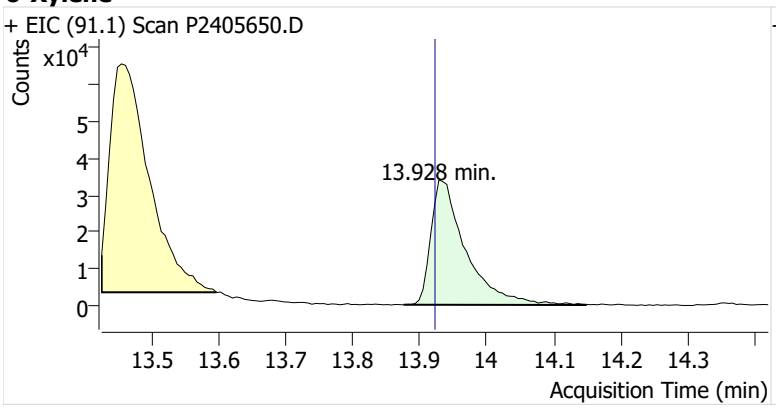


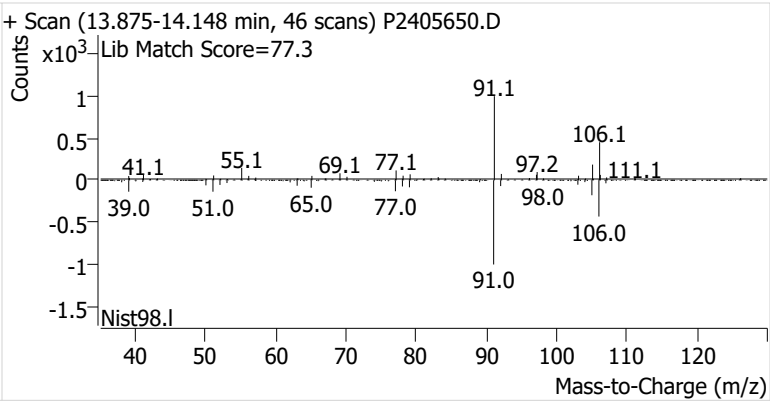
m-/p-Xylene





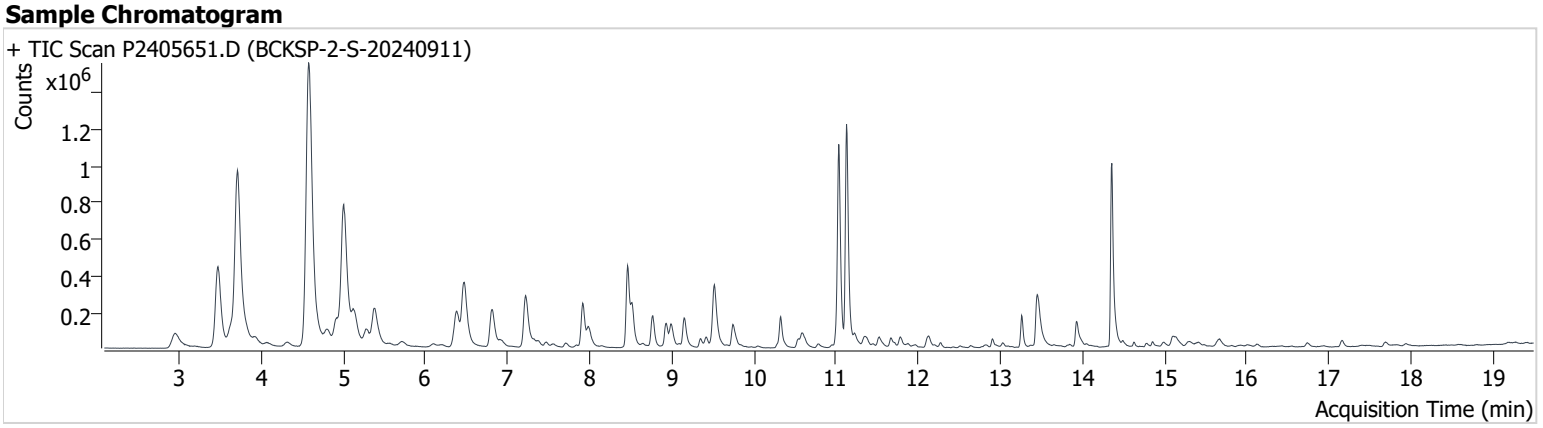
o-Xylene


+ EIC (91.1) Scan P2405650.D
Counts
x10^4
13.928 min.
Acquisition Time (min)


+ Scan (13.875-14.148 min, 46 scans) P2405650.D
Lib Match Score=77.3
Counts
x10^3
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

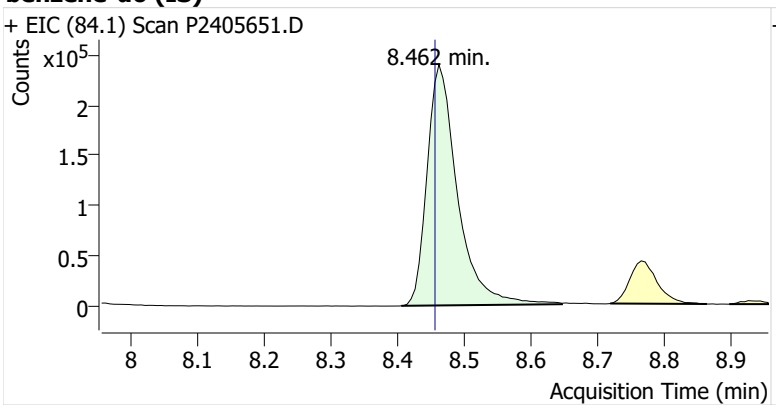
Name	BCKSP-2-S-20240911
Comment	B19729
Data File	P2405651.D
Acq. Date-Time	10/2/2024 7:10:02 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

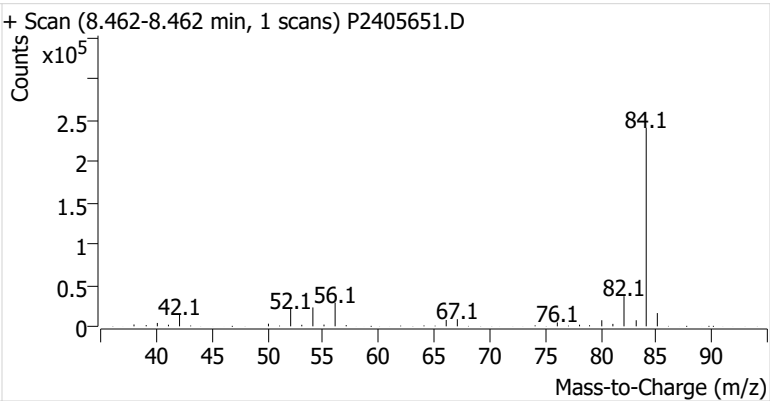
Sample Chromatogram



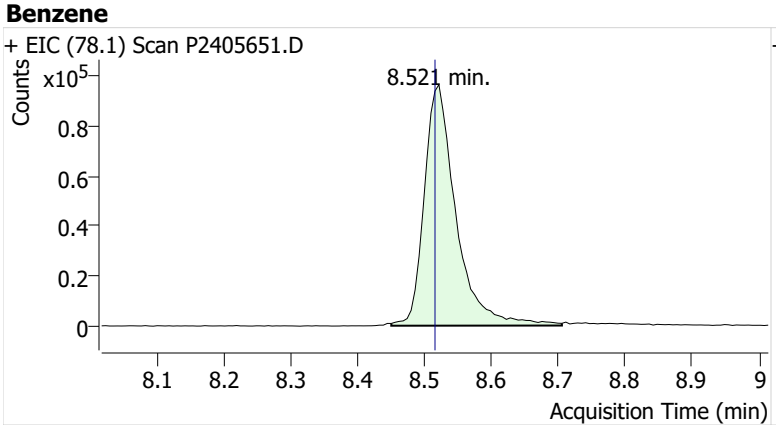
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	757,035	
Benzene	benzene-d6 (IS)	8.521	8.515	318,037	
Toluene-d8 (IS)		11.032	11.032	1,079,278	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,234,009	
Ethylbenzene	Toluene-d8 (IS)	13.257	13.252	184,702	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	457,508	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	171,728	

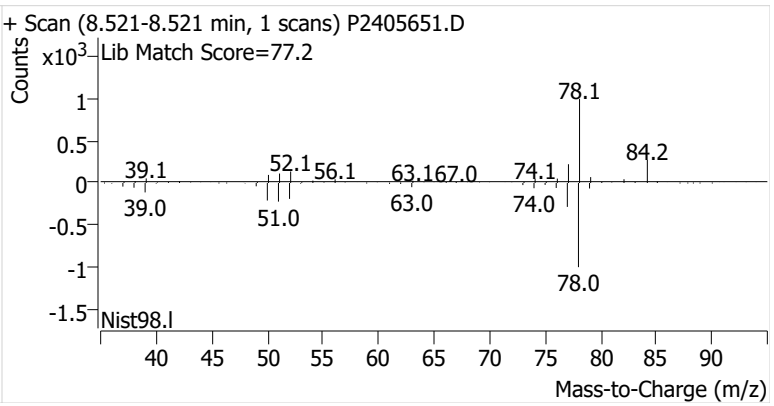
benzene-d6 (IS)



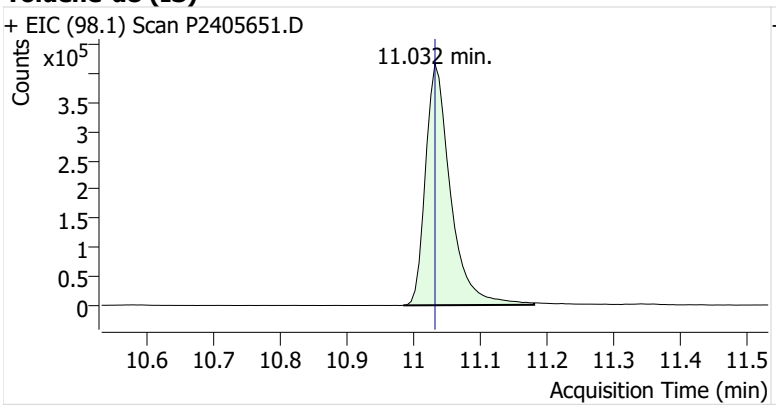


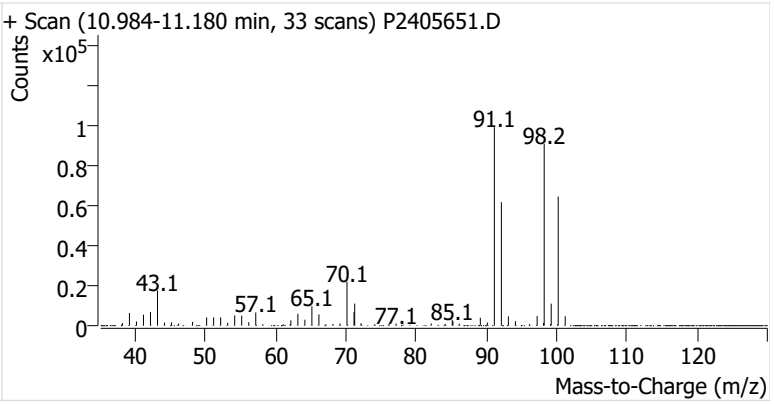
Benzene



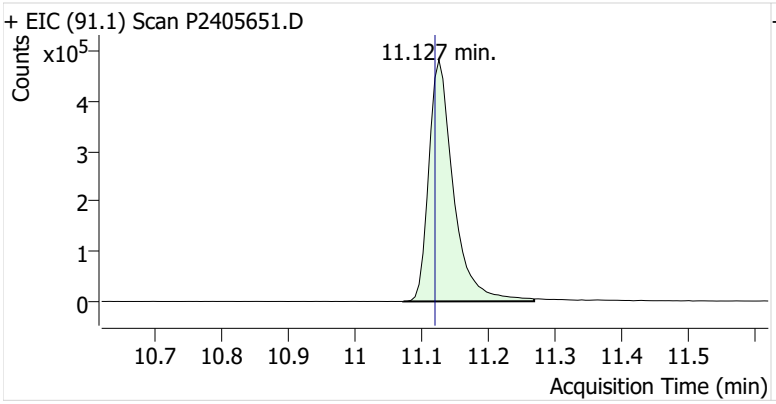


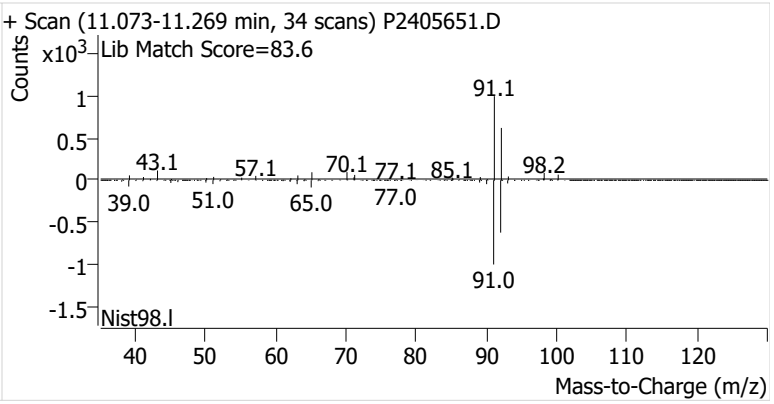
Toluene-d8 (IS)



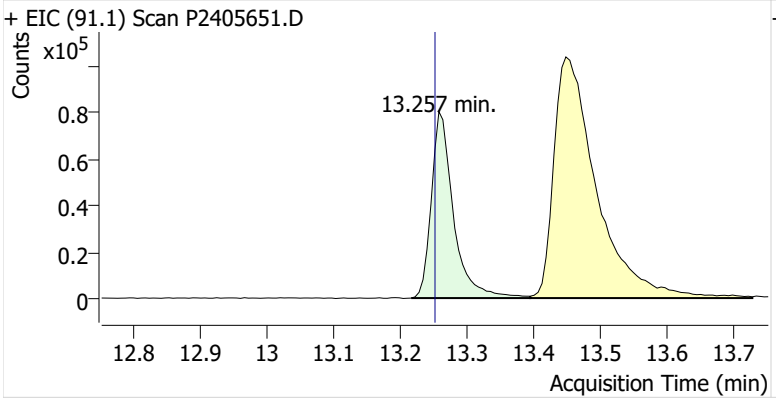


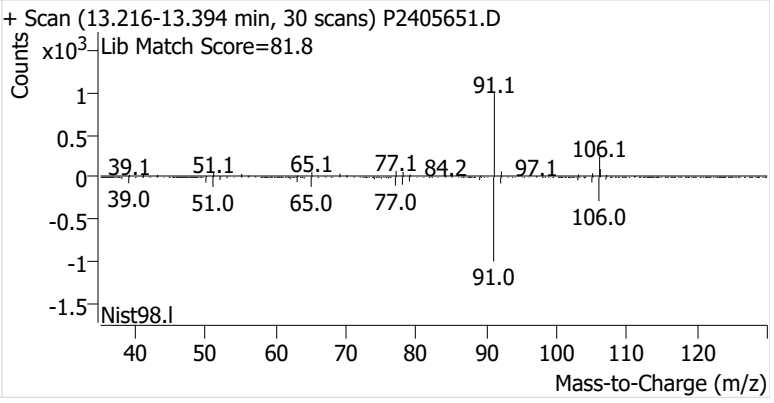
Toluene



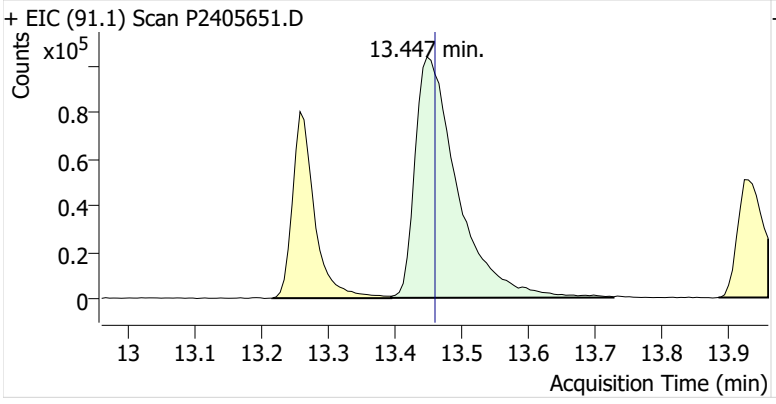


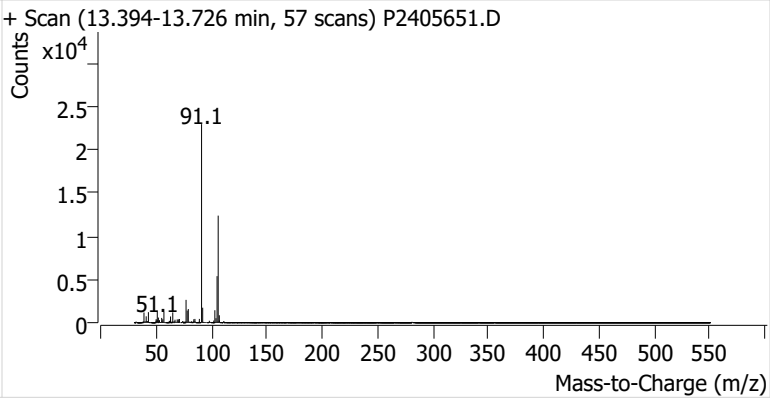
Ethylbenzene



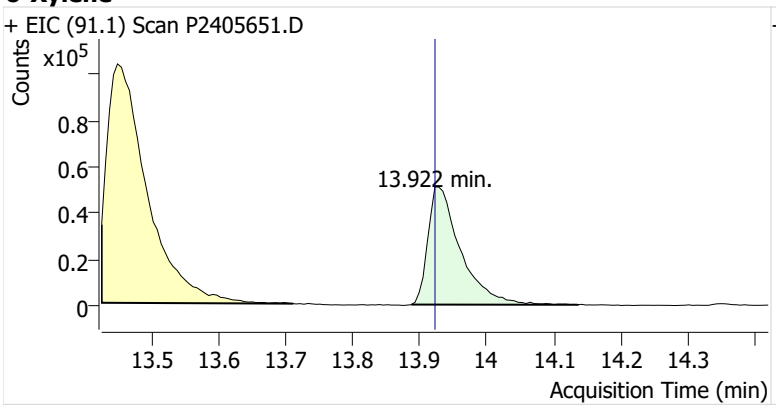


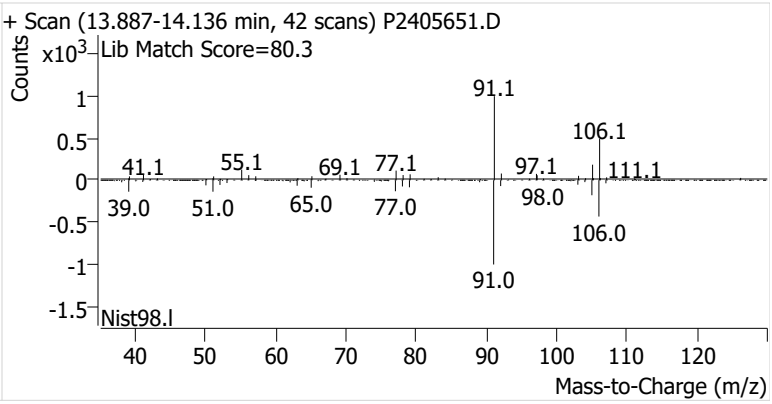
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405651.D
Counts
x10^5
0.8
0.6
0.4
0.2
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.887-14.136 min, 42 scans) P2405651.D
Counts
x10^3
Lib Match Score=80.3
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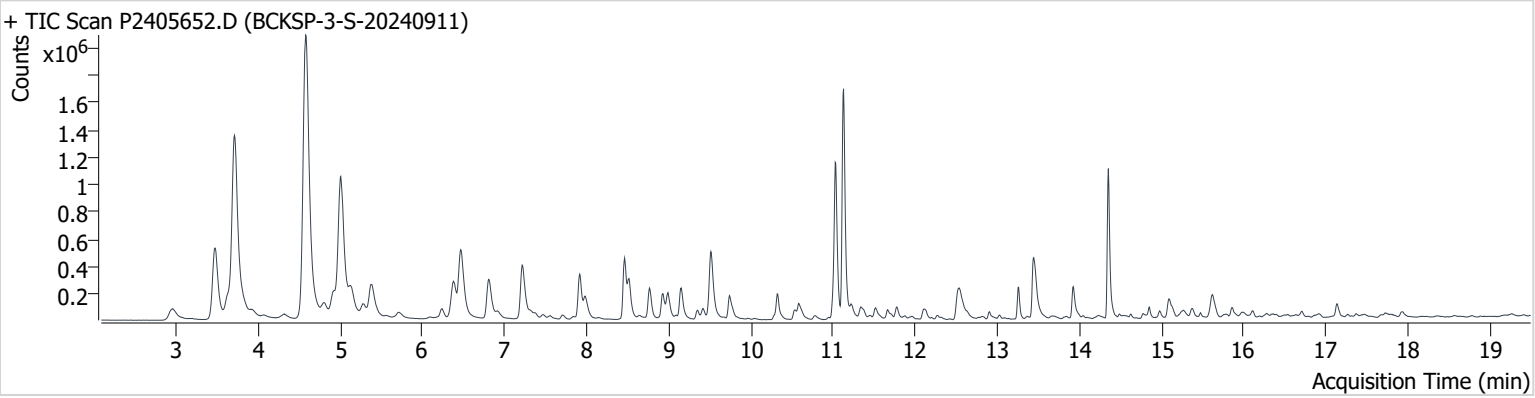
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

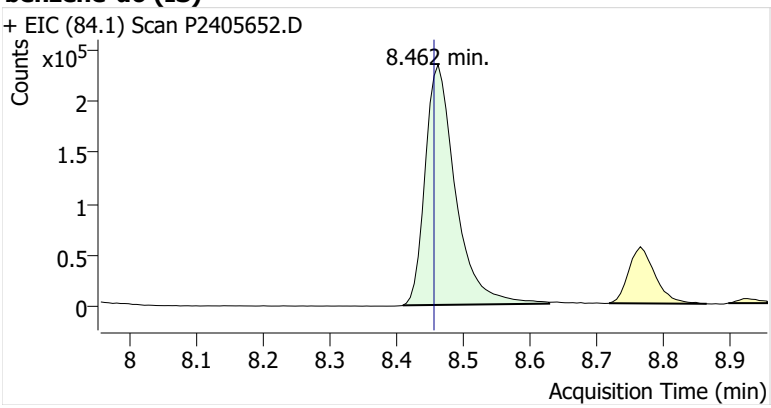
Name	BCKSP-3-S-20240911
Comment	C33804
Data File	P2405652.D
Acq. Date-Time	10/2/2024 7:47:18 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

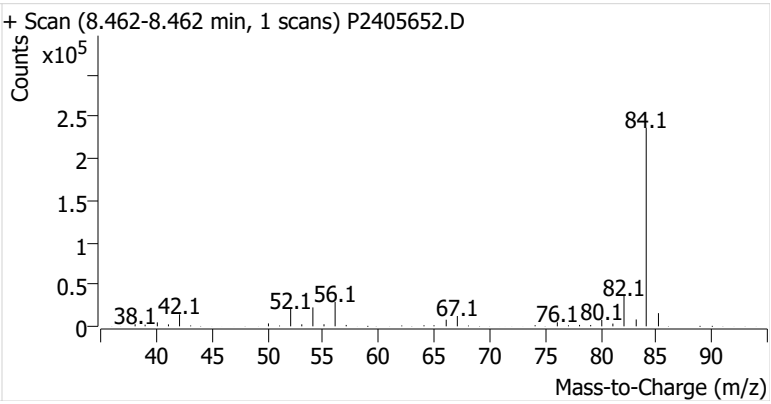
Sample Chromatogram



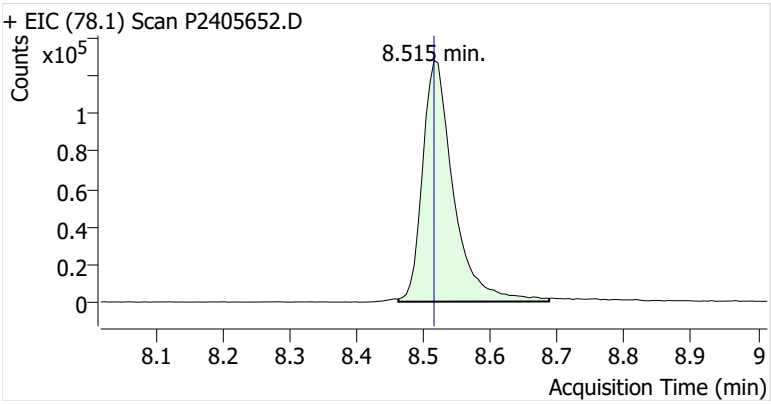
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	741,149	
Benzene	benzene-d6 (IS)	8.515	8.515	411,183	
Toluene-d8 (IS)		11.032	11.032	1,068,939	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,685,521	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	236,664	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	625,705	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	245,068	

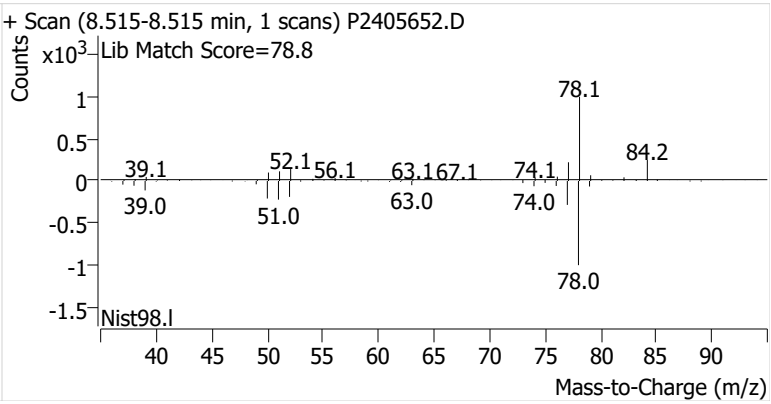
benzene-d6 (IS)



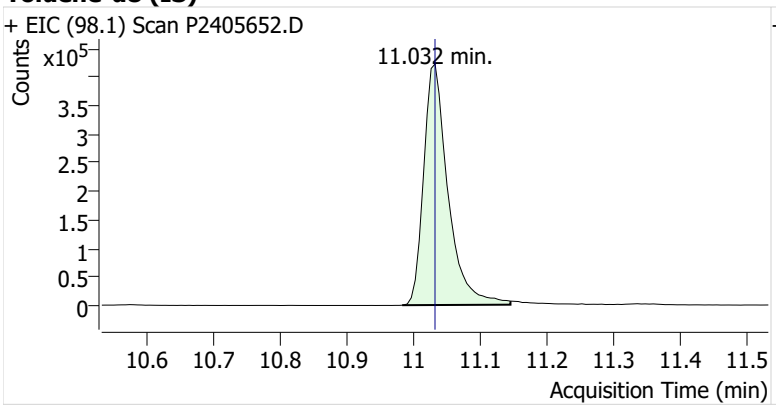


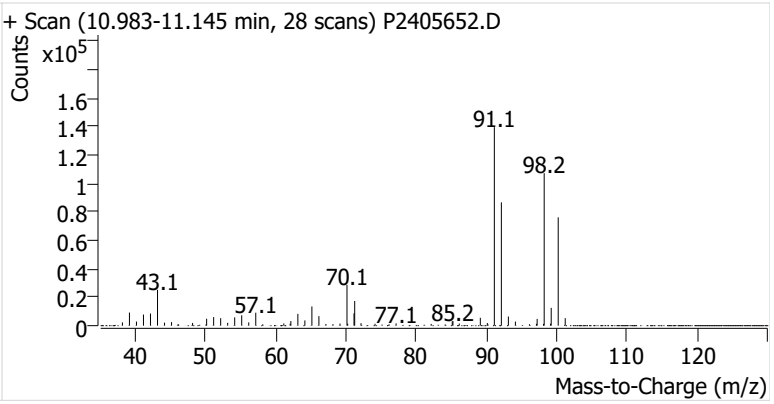
Benzene



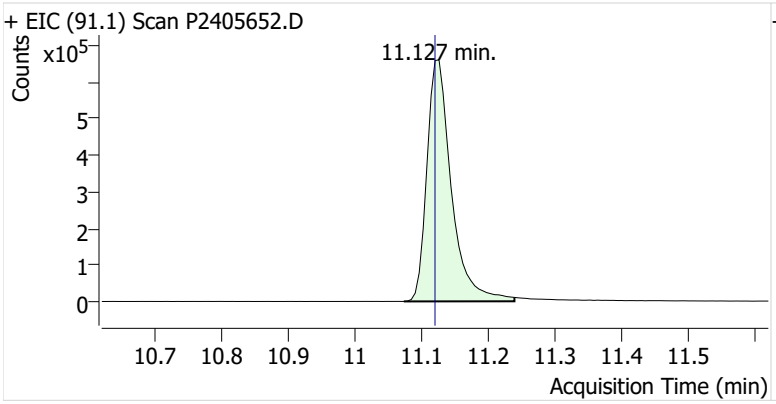


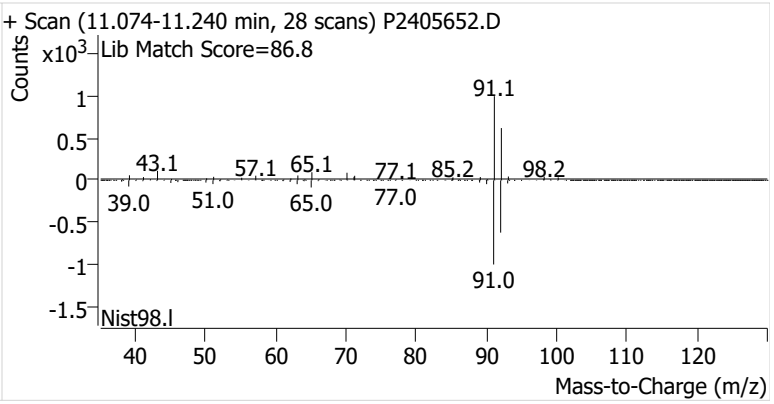
Toluene-d8 (IS)



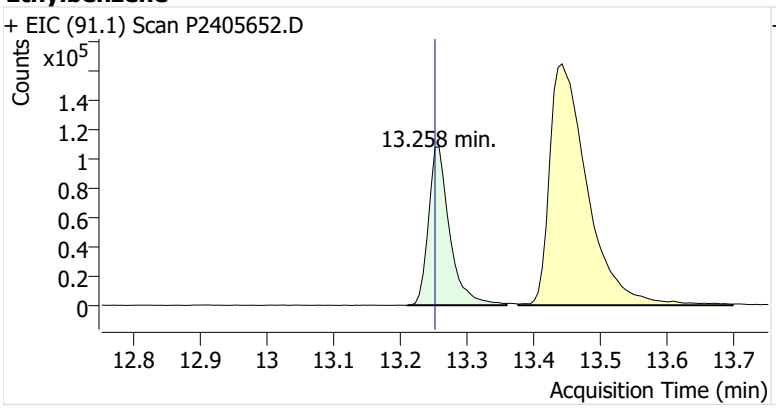


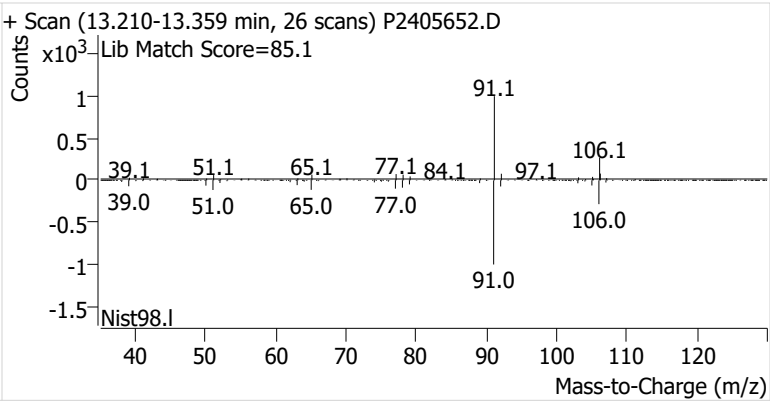
Toluene



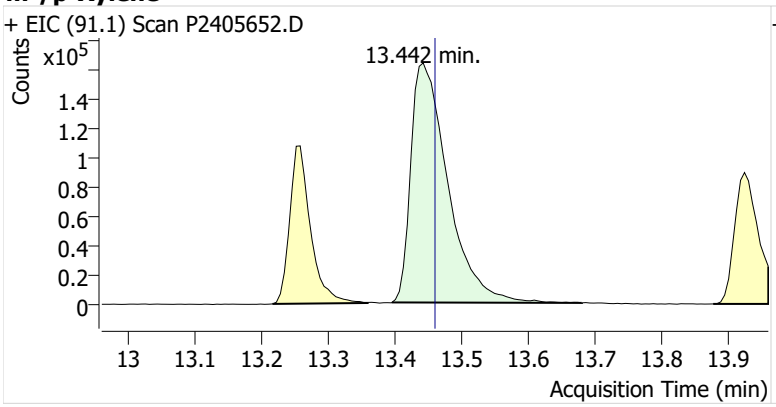


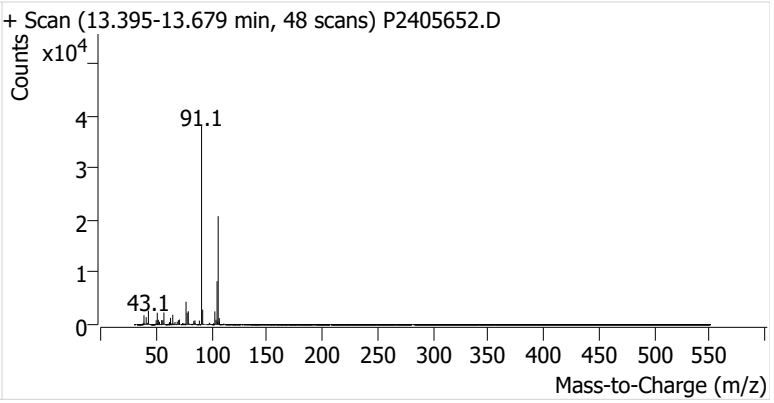
Ethylbenzene



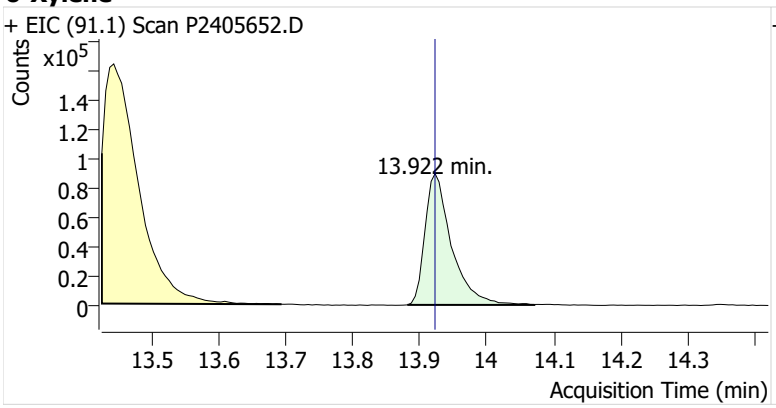


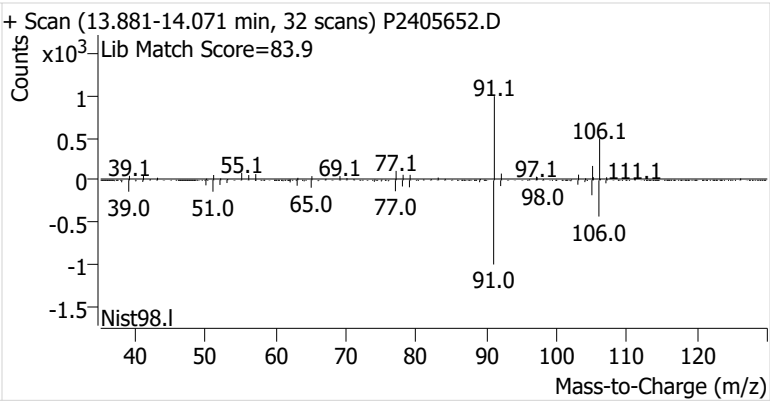
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405652.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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Counts
x10^3
Lib Match Score=83.9
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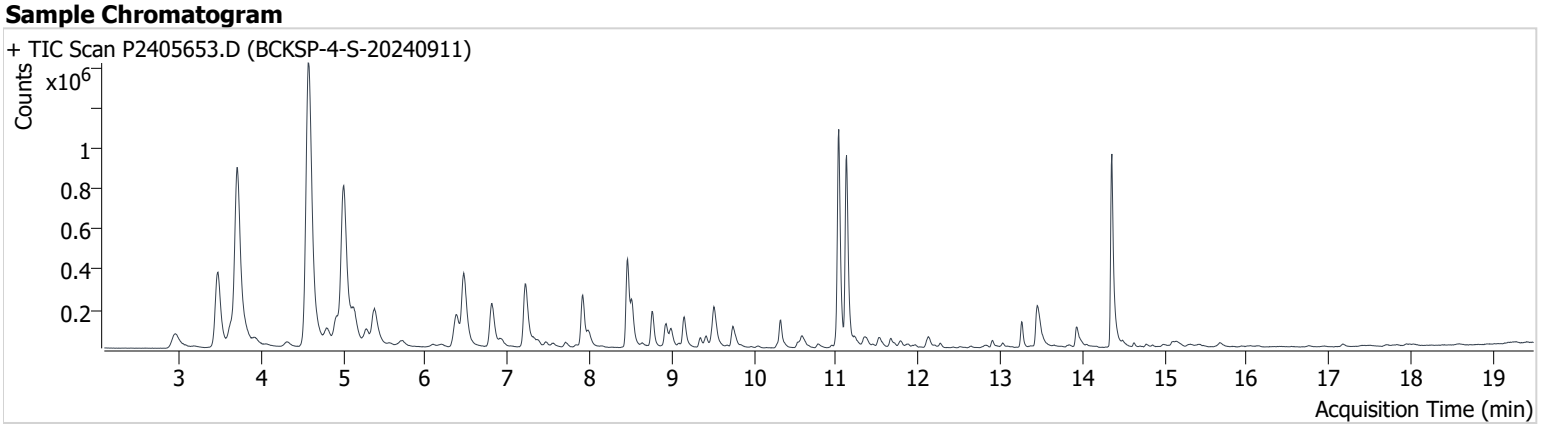
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

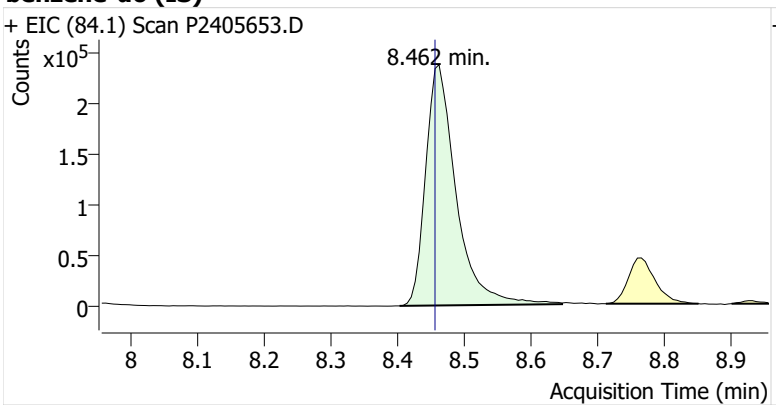
Name	BCKSP-4-S-20240911
Comment	B53278
Data File	P2405653.D
Acq. Date-Time	10/2/2024 8:24:33 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

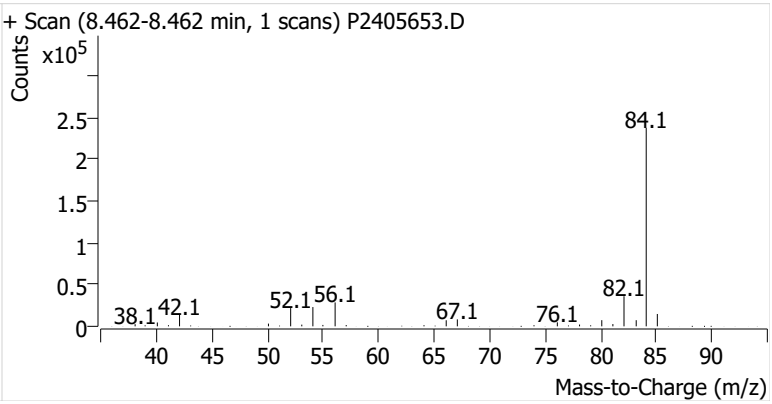
Sample Chromatogram



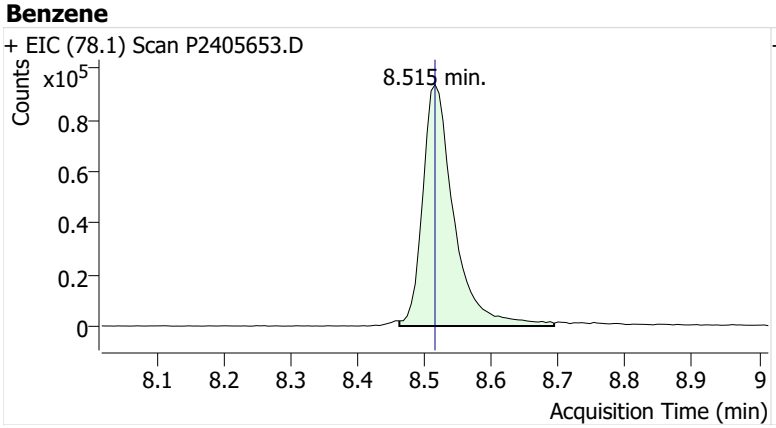
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	751,117	
Benzene	benzene-d6 (IS)	8.515	8.515	304,531	
Toluene-d8 (IS)		11.032	11.032	1,088,387	
Toluene	Toluene-d8 (IS)	11.127	11.121	1,025,684	
Ethylbenzene	Toluene-d8 (IS)	13.264	13.252	138,015	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	349,892	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	136,293	

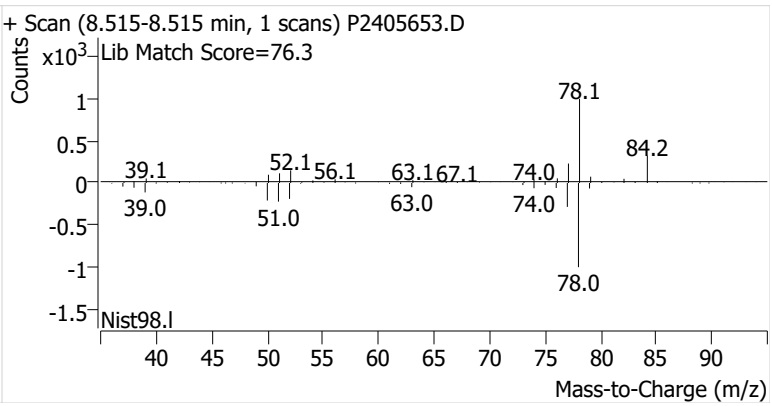
benzene-d6 (IS)



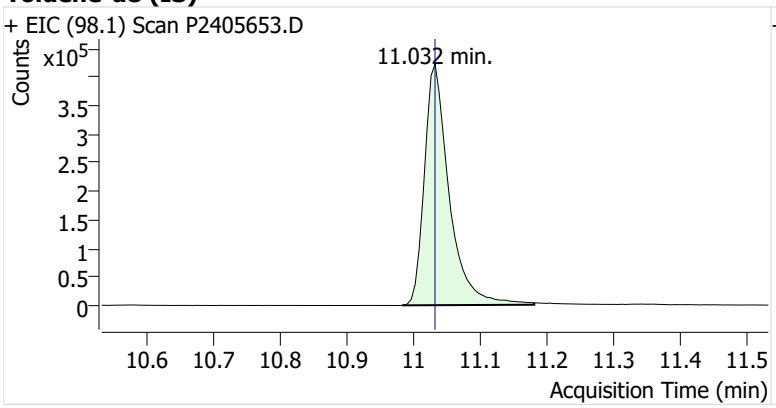


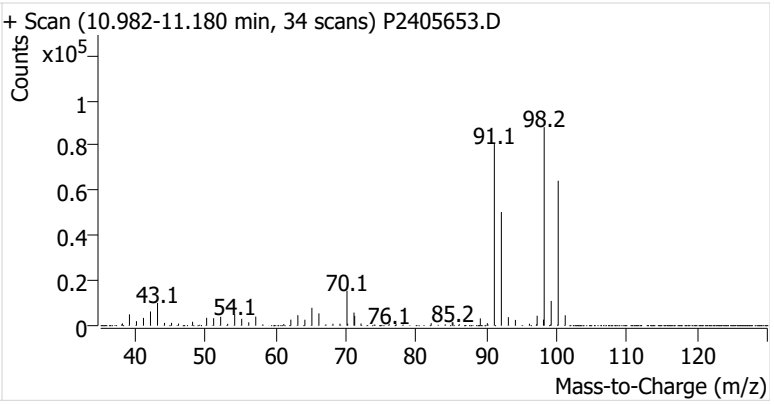
Benzene



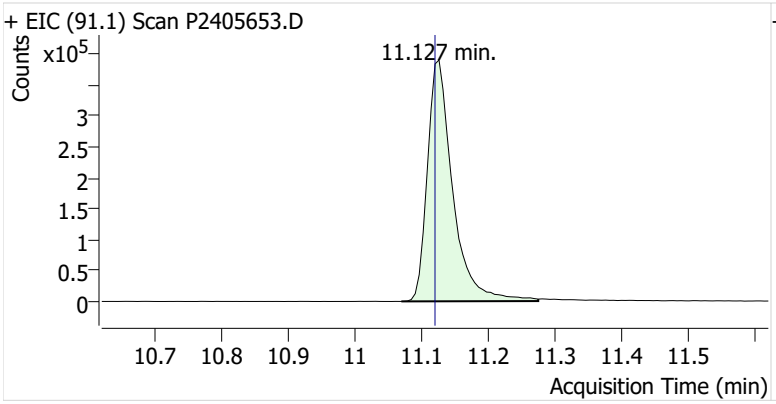


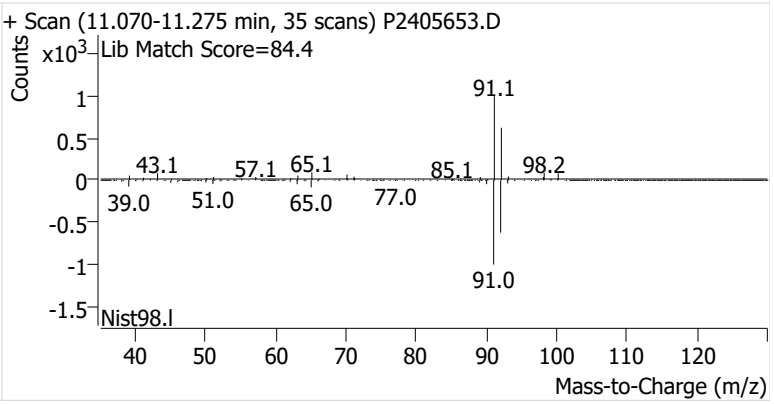
Toluene-d8 (IS)



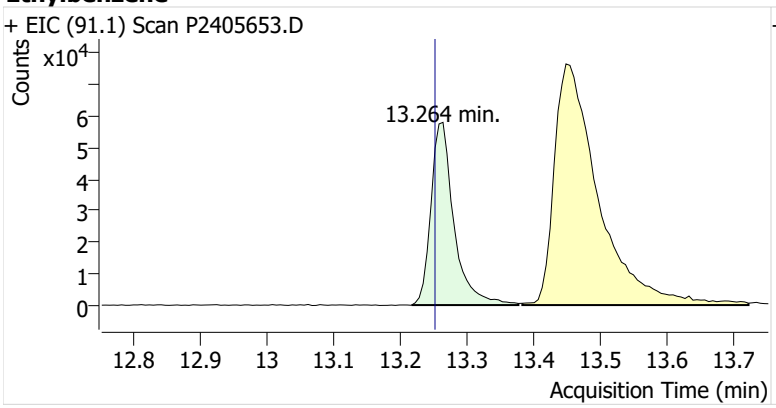


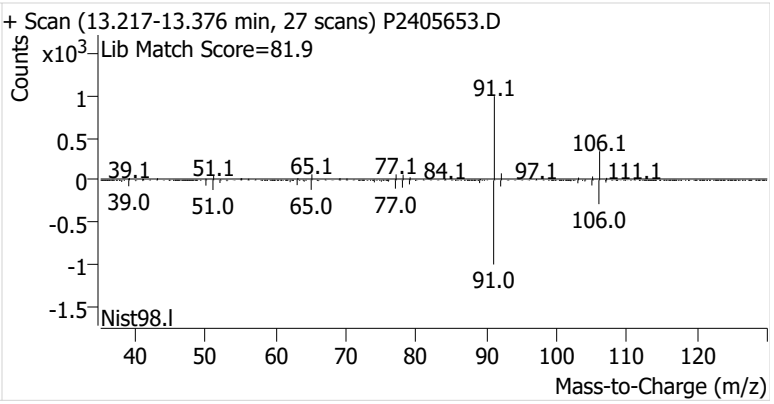
Toluene



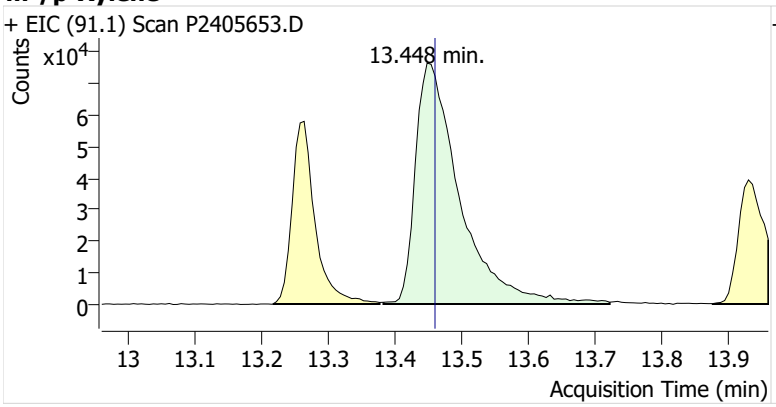


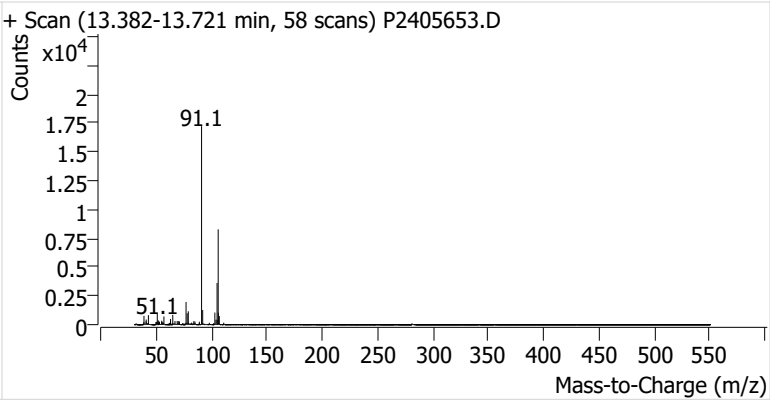
Ethylbenzene



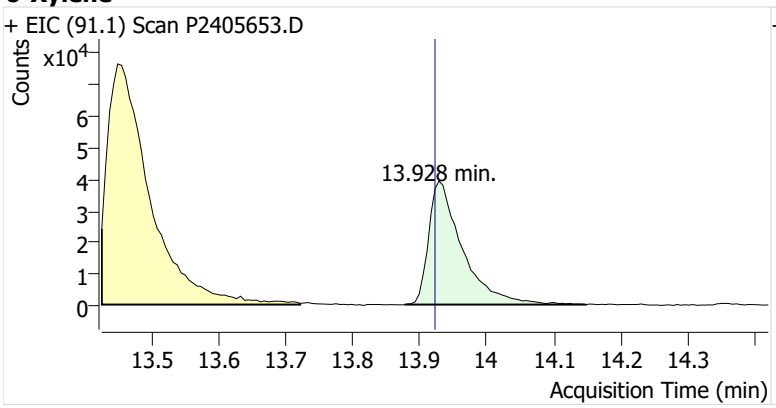


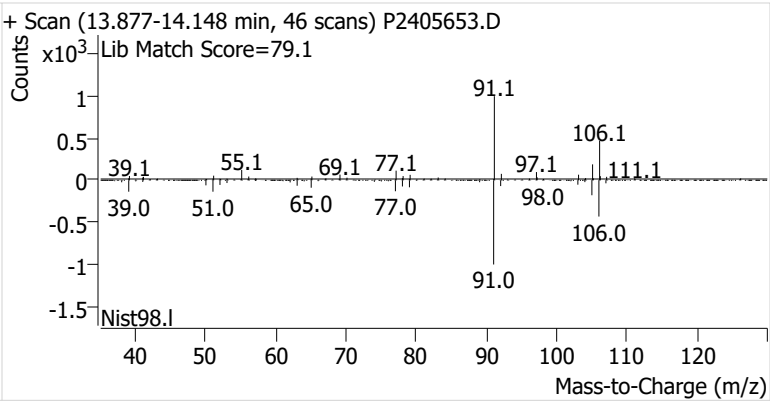
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405653.D
Counts
x10^4
13.928 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.877-14.148 min, 46 scans) P2405653.D
Lib Match Score=79.1
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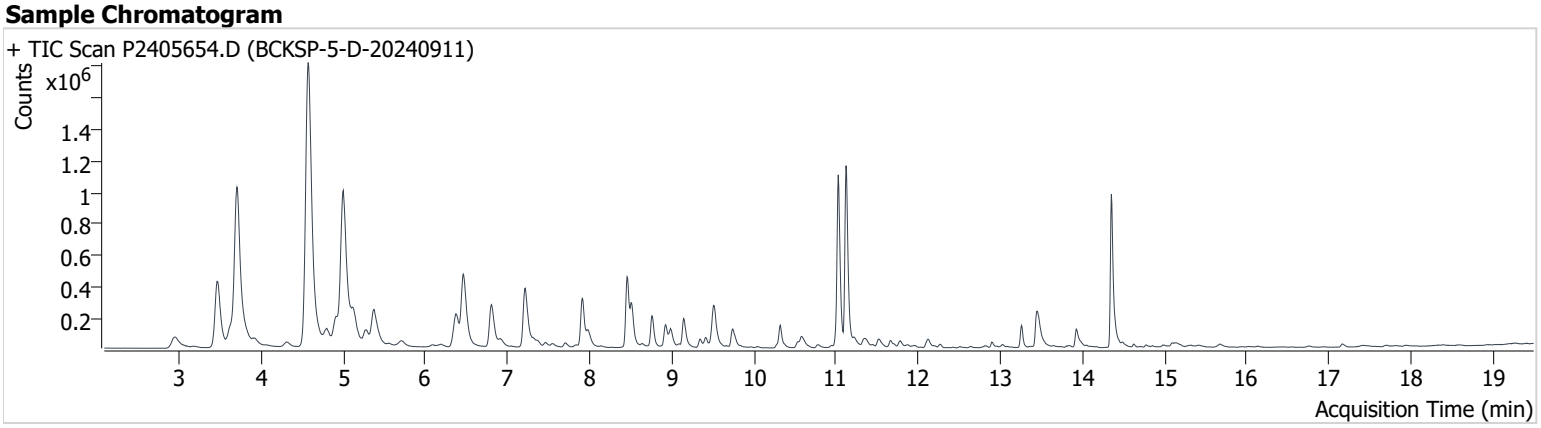
91.1
106.1
39.1
55.1
69.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

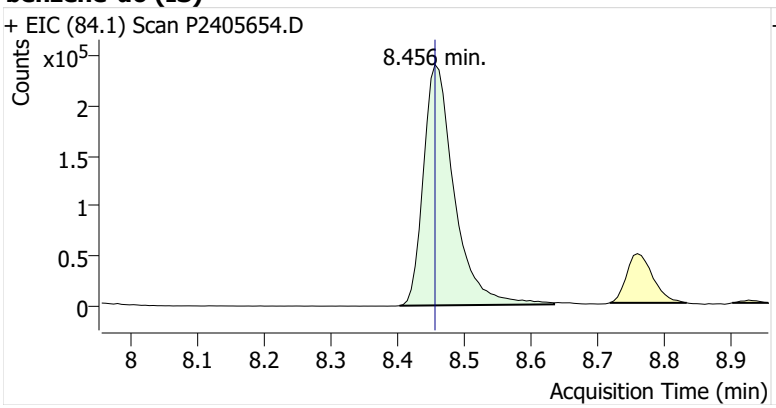
Name	BCKSP-5-D-20240911
Comment	B43594
Data File	P2405654.D
Acq. Date-Time	10/2/2024 9:01:48 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

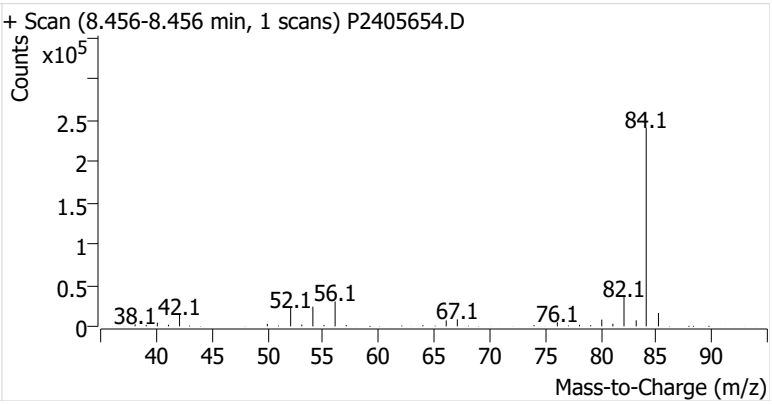
Sample Chromatogram



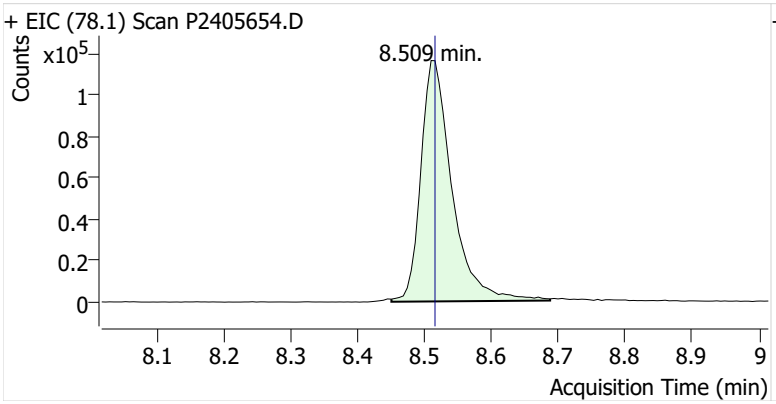
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	769,818	
Benzene	benzene-d6 (IS)	8.509	8.515	377,295	
Toluene-d8 (IS)		11.026	11.032	1,087,170	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,239,328	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	148,498	
m-/p-Xylene	Toluene-d8 (IS)	13.448	13.459	363,313	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	151,214	

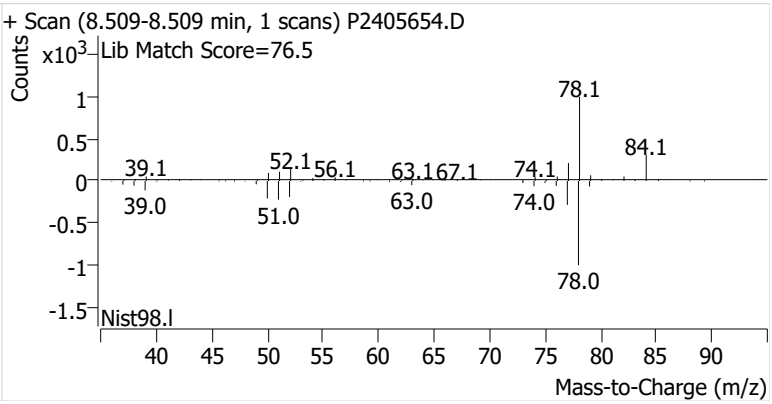
benzene-d6 (IS)



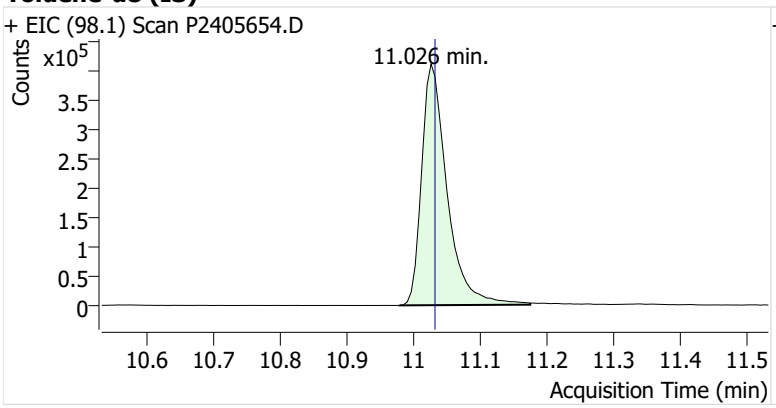


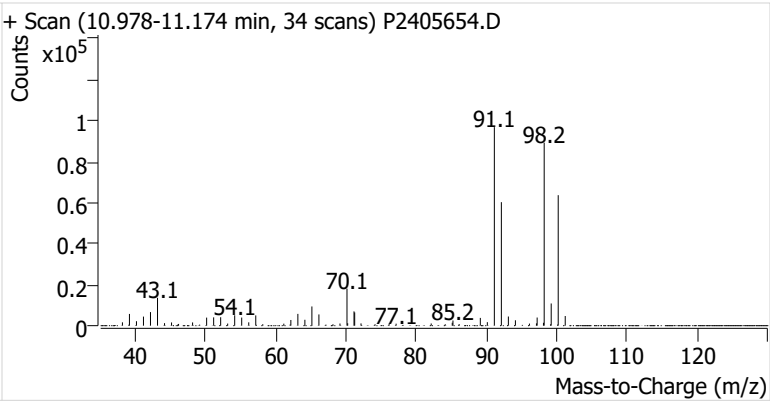
Benzene



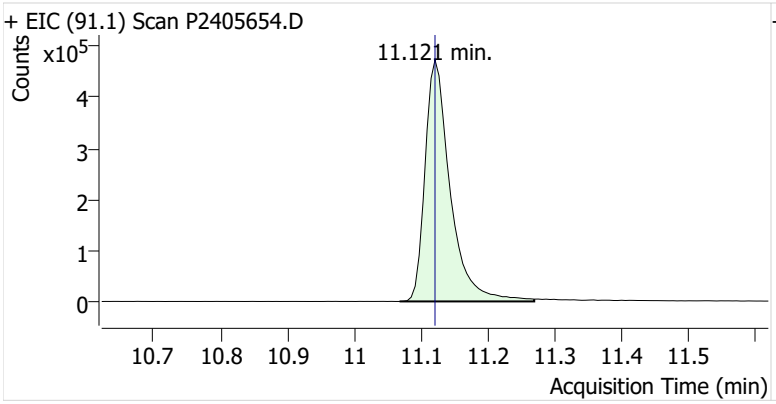


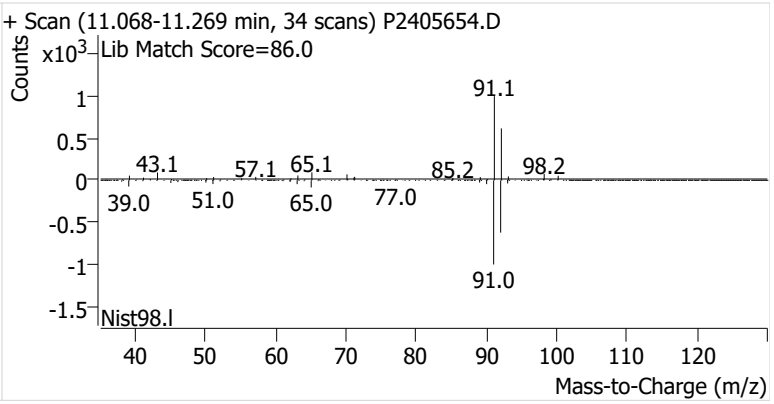
Toluene-d8 (IS)



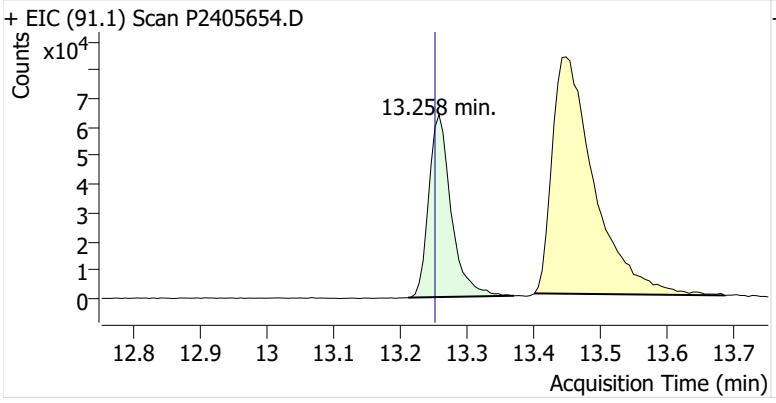


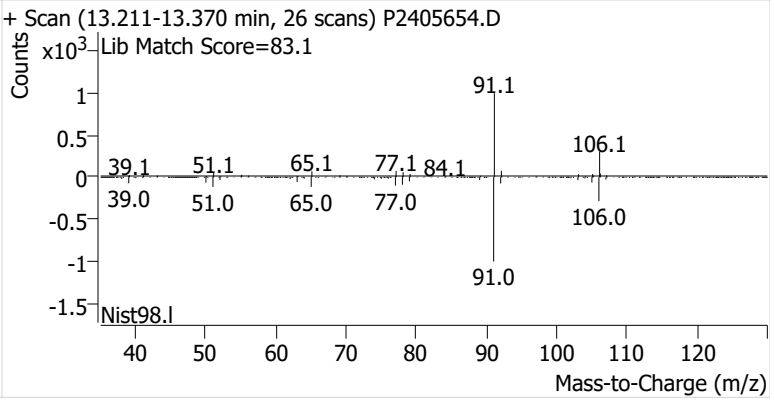
Toluene



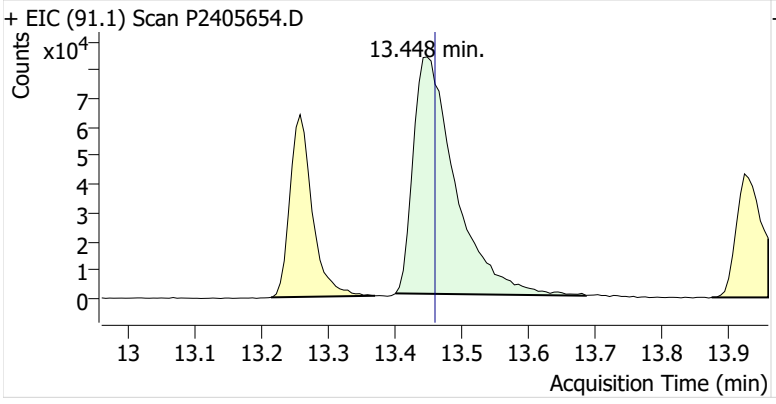


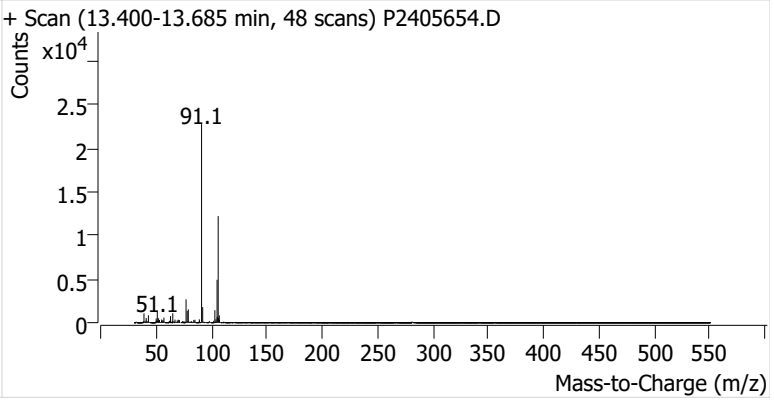
Ethylbenzene



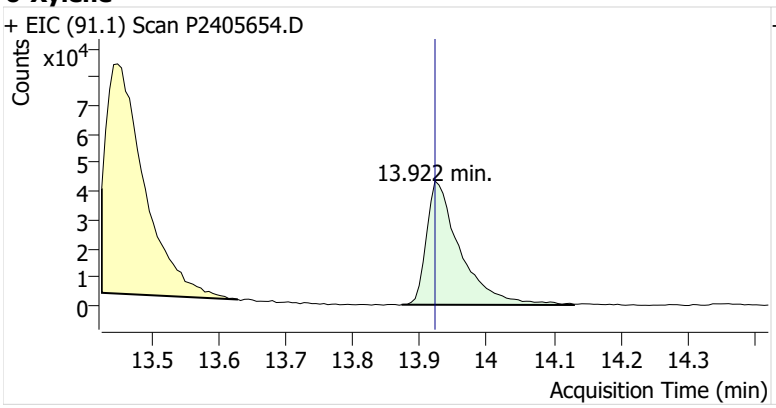


m-/p-Xylene





o-Xylene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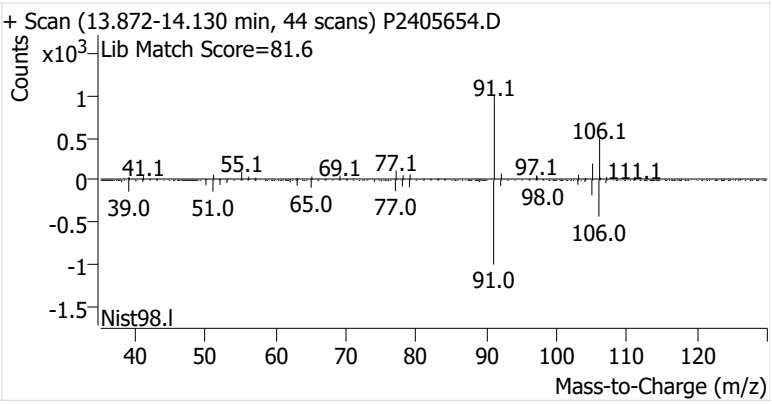
x10^4
13.922 min.
Acquisition Time (min)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Lib Match Score=81.6
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x10^3
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69.1
77.1
97.1
111.1
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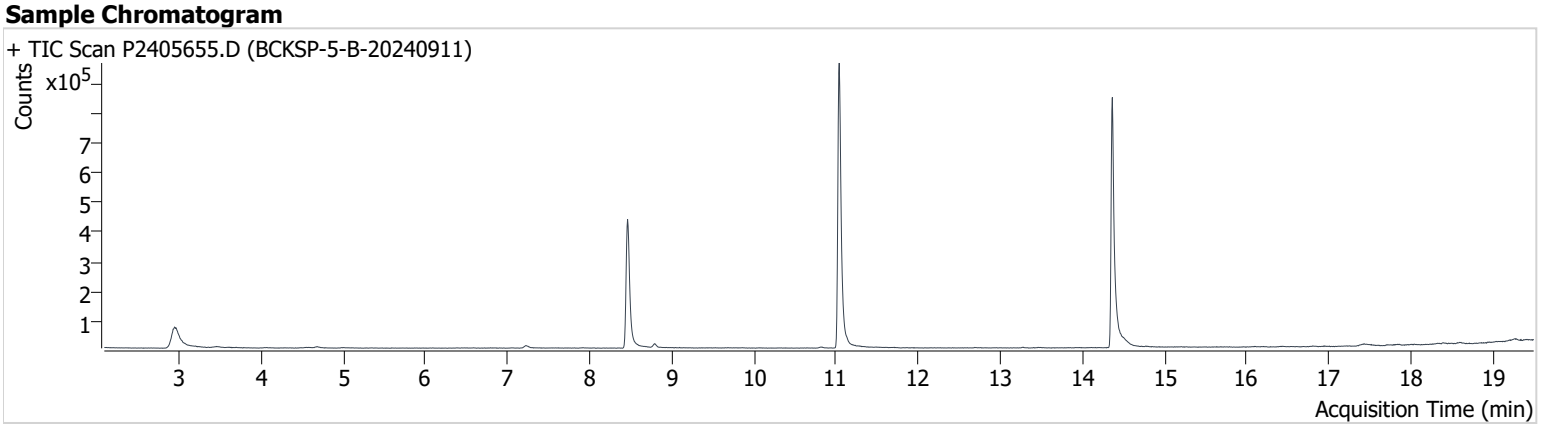
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

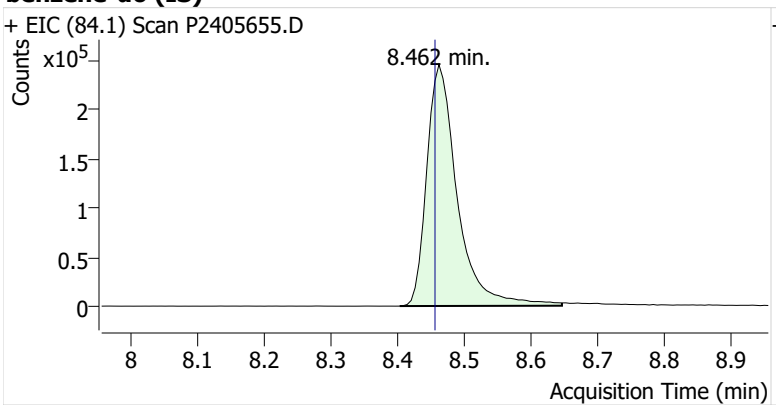
Name	BCKSP-5-B-20240911
Comment	B27938
Data File	P2405655.D
Acq. Date-Time	10/2/2024 9:39:05 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

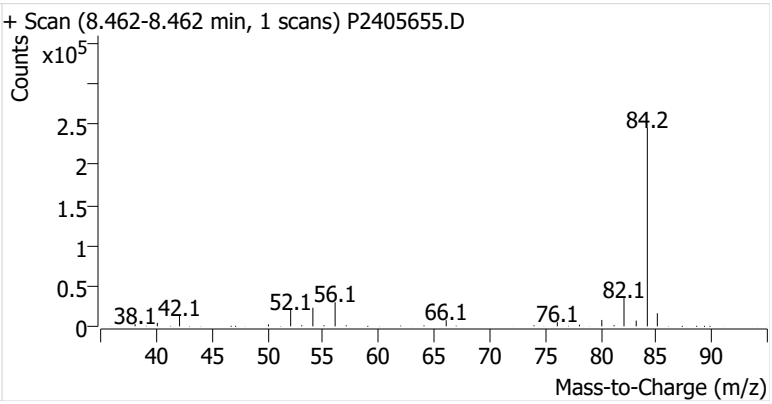
Sample Chromatogram



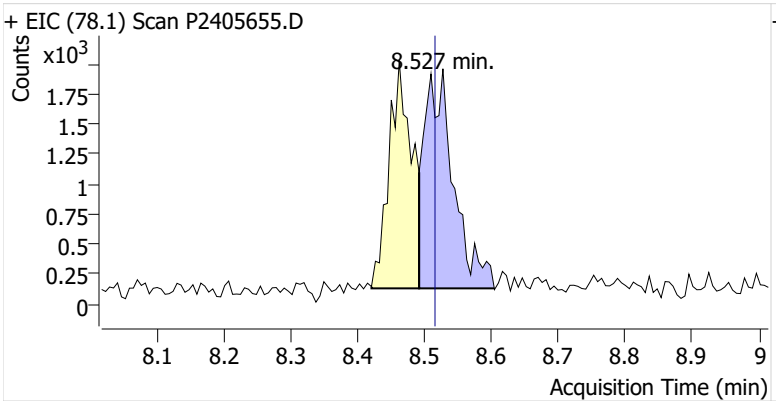
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.462	8.456	779,526	
Benzene	benzene-d6 (IS)	8.527	8.515	5,516	
Toluene-d8 (IS)		11.038	11.032	1,111,893	
Toluene	Toluene-d8 (IS)	11.127	11.121	9,269	
Ethylbenzene	Toluene-d8 (IS)	13.269	13.252	2,457	
m-/p-Xylene	Toluene-d8 (IS)	13.459	13.459	2,768	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	936	

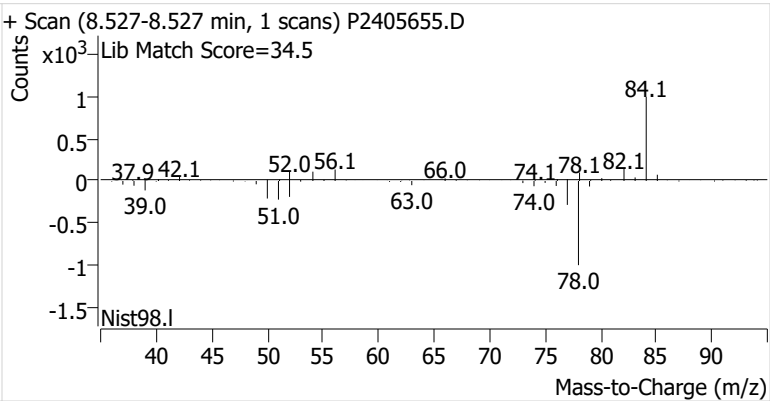
benzene-d6 (IS)



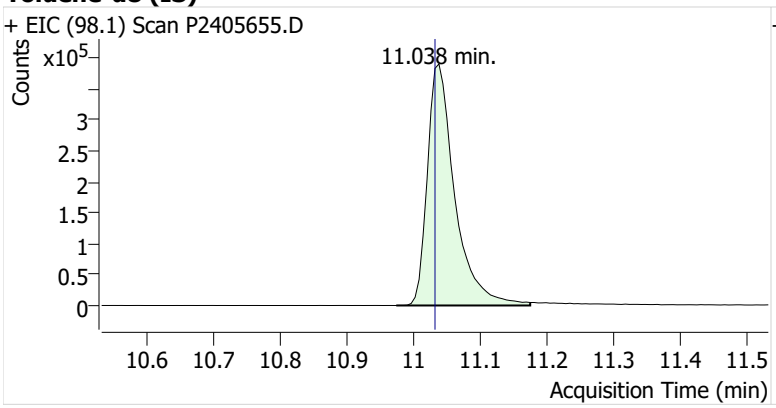


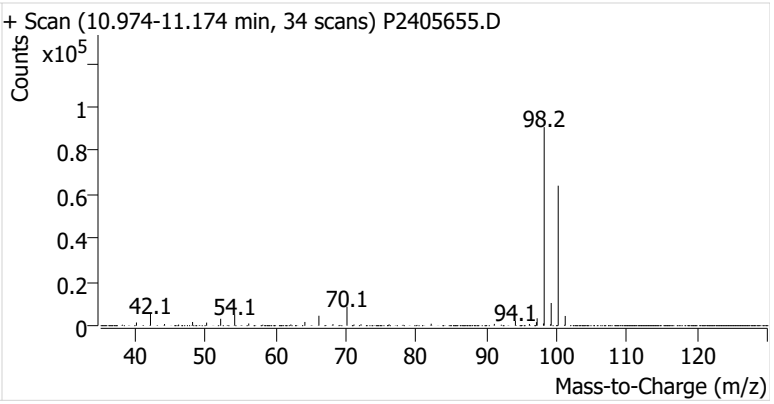
Benzene



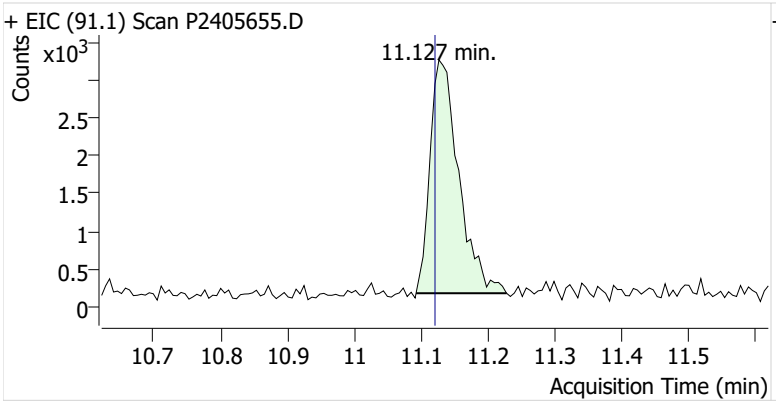


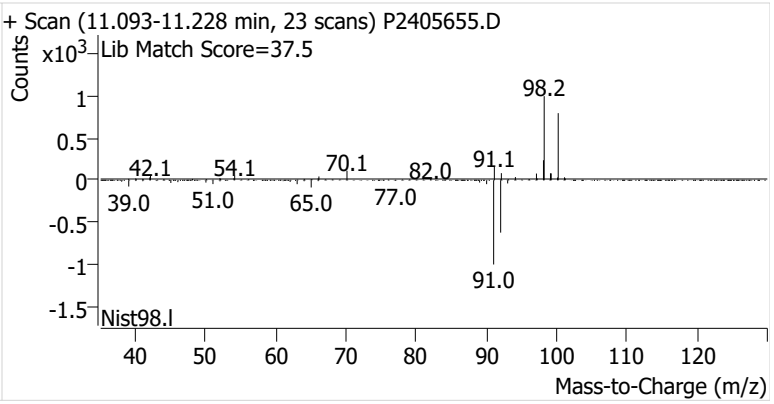
Toluene-d8 (IS)



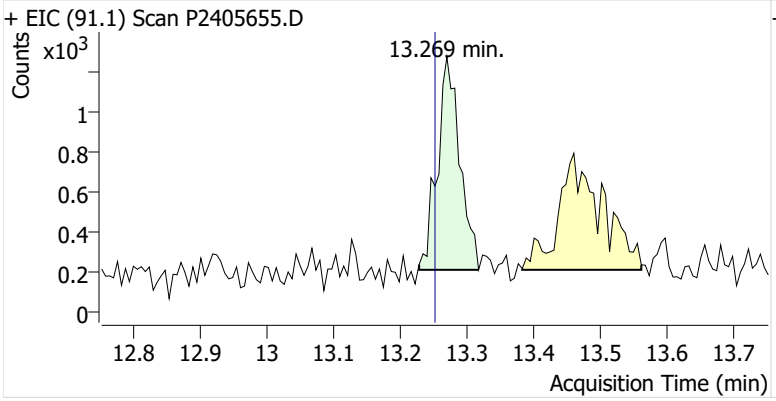


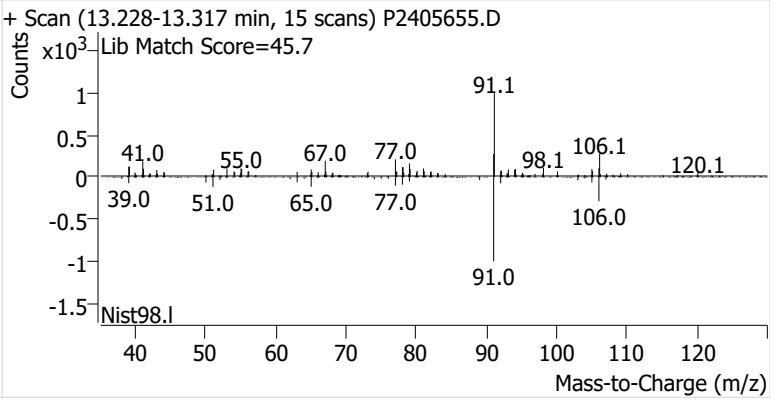
Toluene



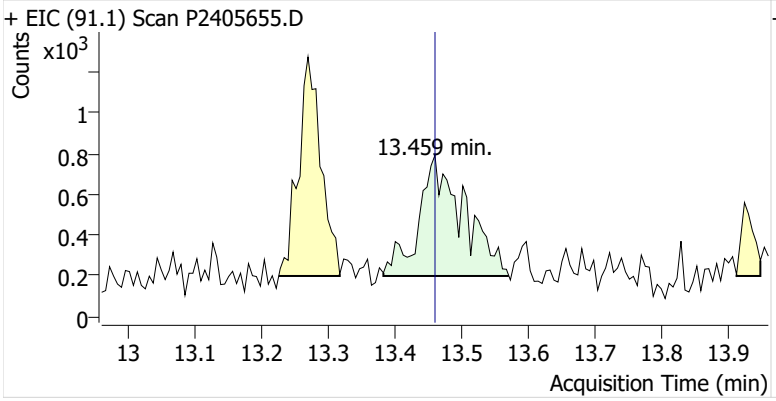


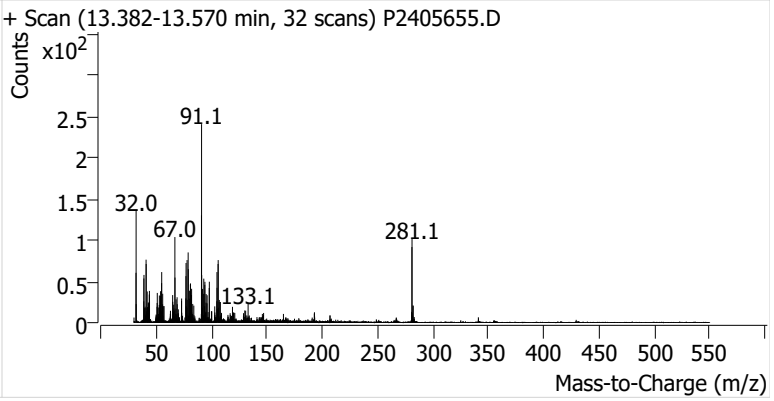
Ethylbenzene



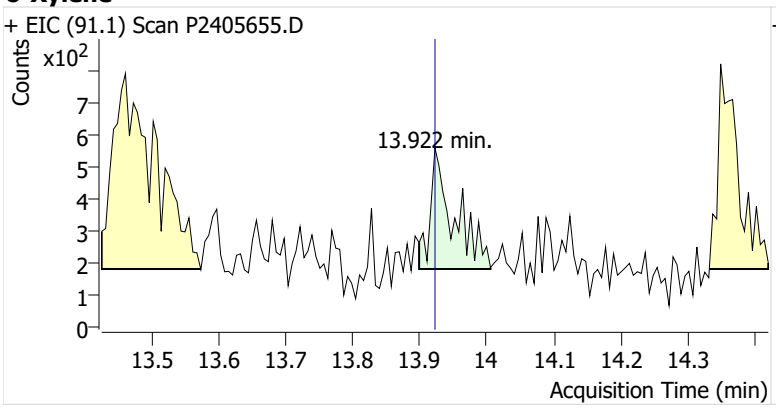


m-/p-Xylene





o-Xylene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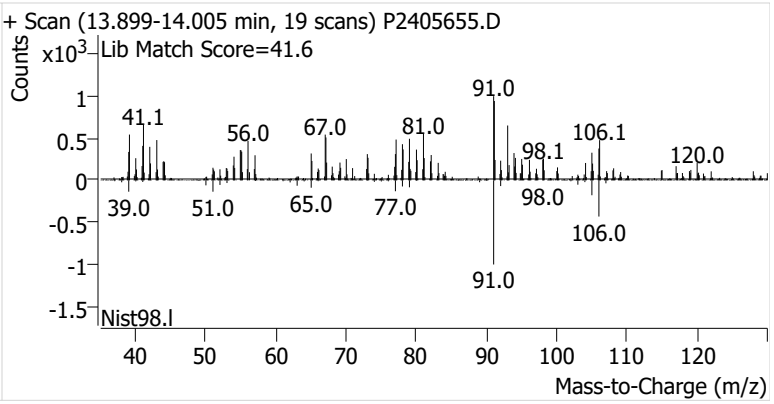
Counts
x10^2
13.922 min.
Acquisition Time (min)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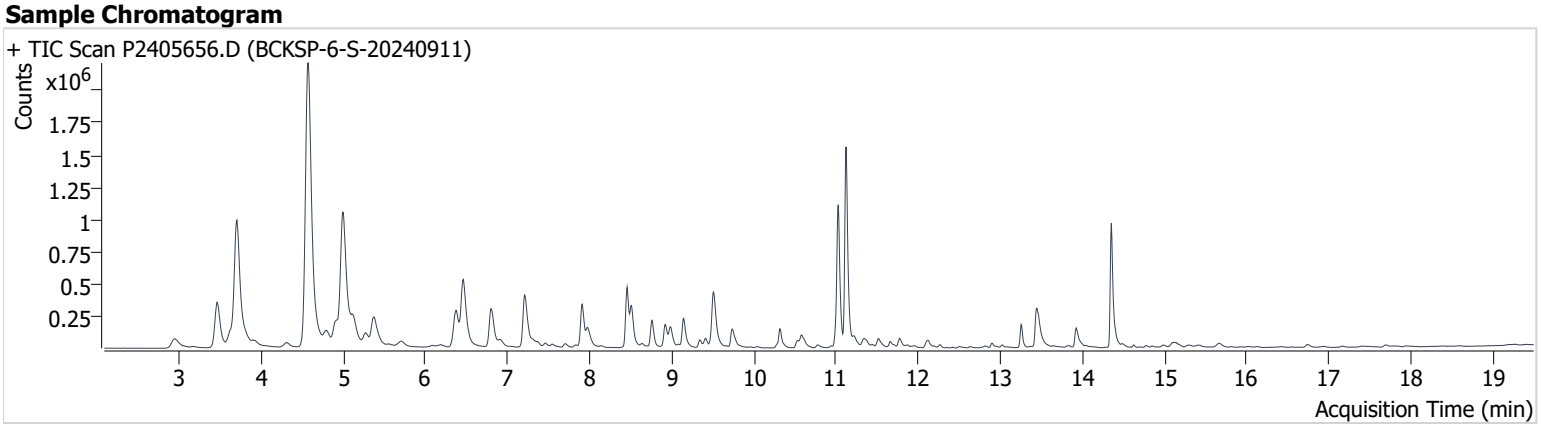
Mass-to-Charge (m/z)

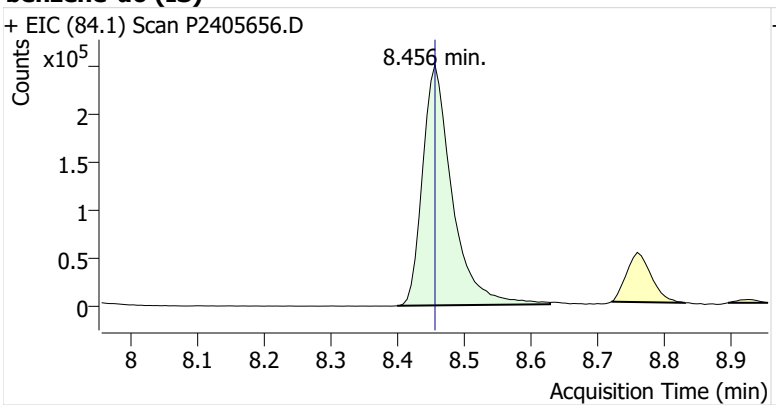
Name	BCKSP-6-S-20240911
Comment	C00650
Data File	P2405656.D
Acq. Date-Time	10/2/2024 10:16:22 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

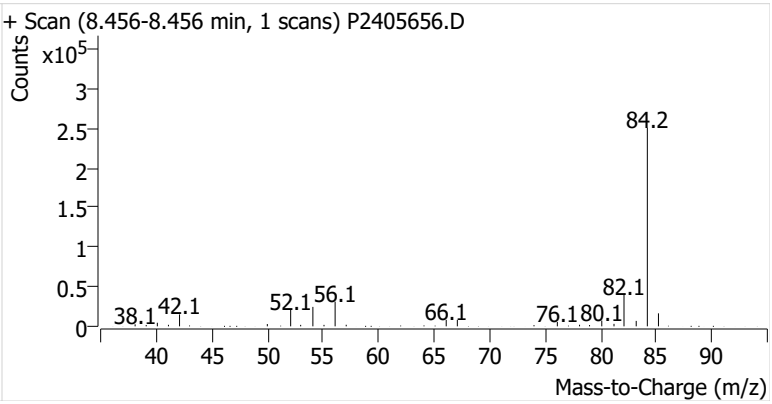
Sample Chromatogram



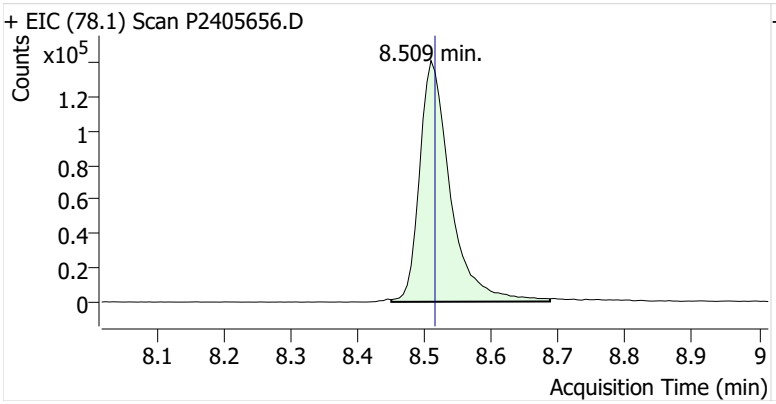
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	765,299	
Benzene	benzene-d6 (IS)	8.509	8.515	449,568	
Toluene-d8 (IS)		11.026	11.032	1,073,998	
Toluene	Toluene-d8 (IS)	11.121	11.121	1,569,073	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	192,594	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	482,449	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	191,653	

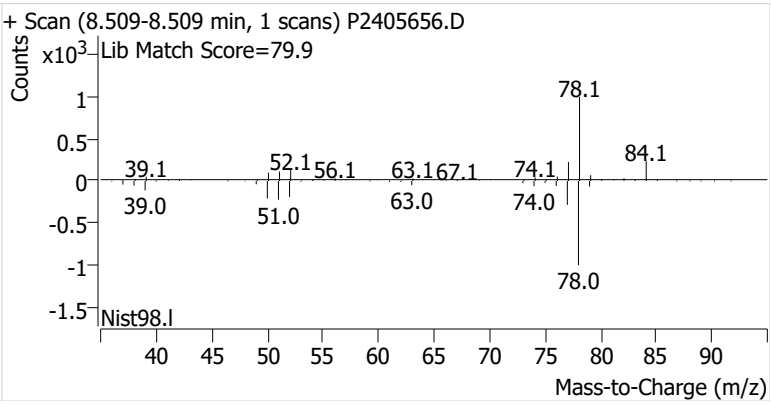
benzene-d6 (IS)



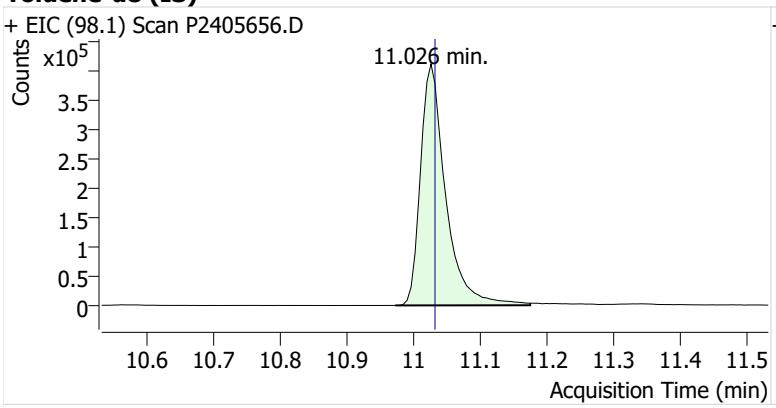


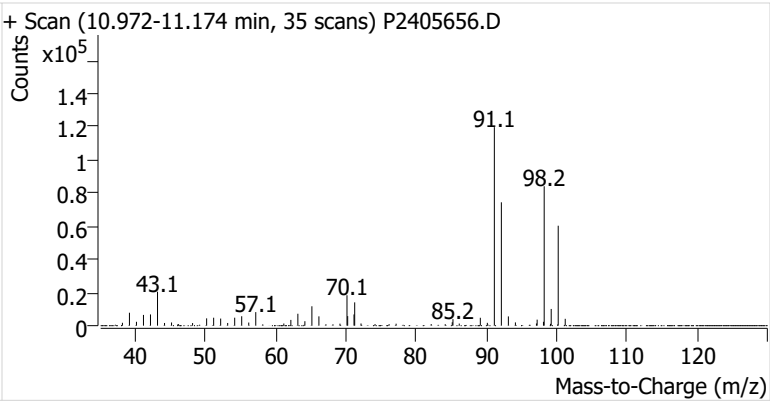
Benzene



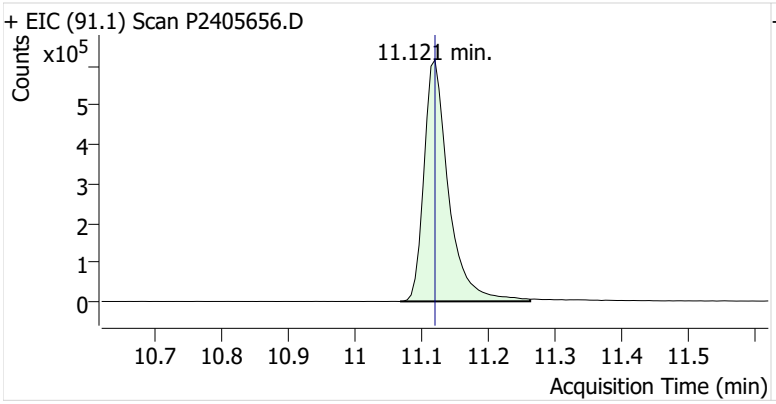


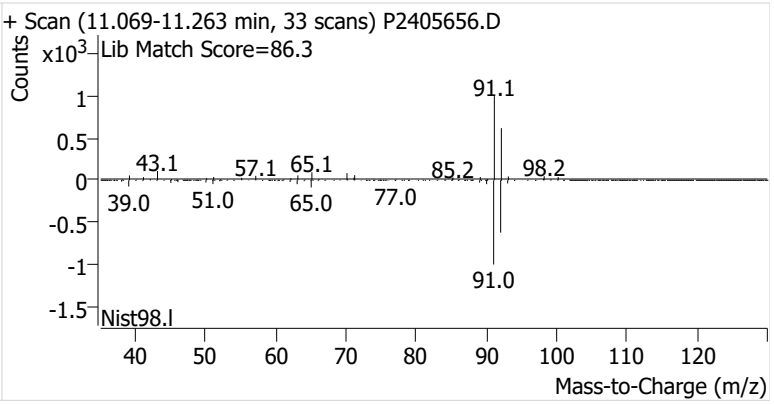
Toluene-d8 (IS)



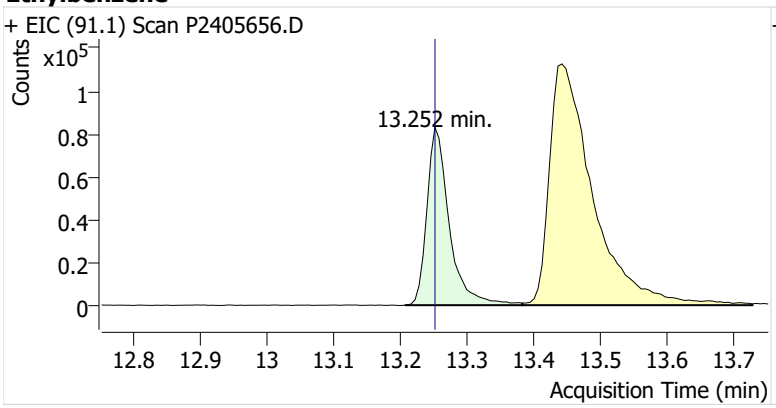


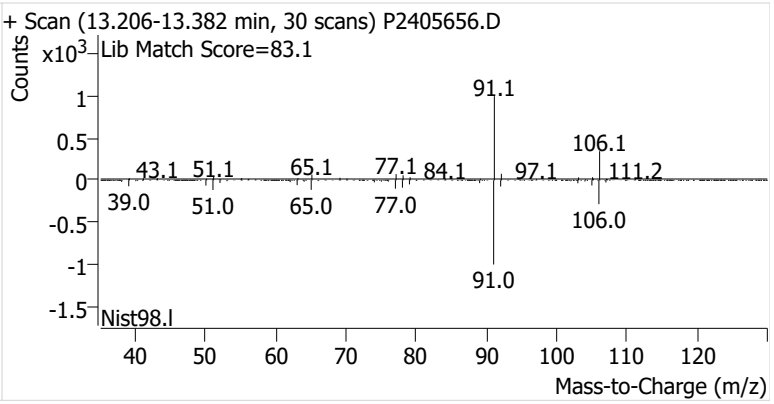
Toluene



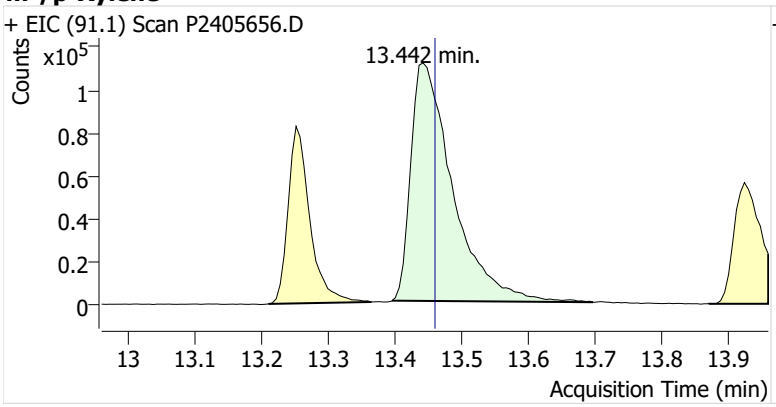


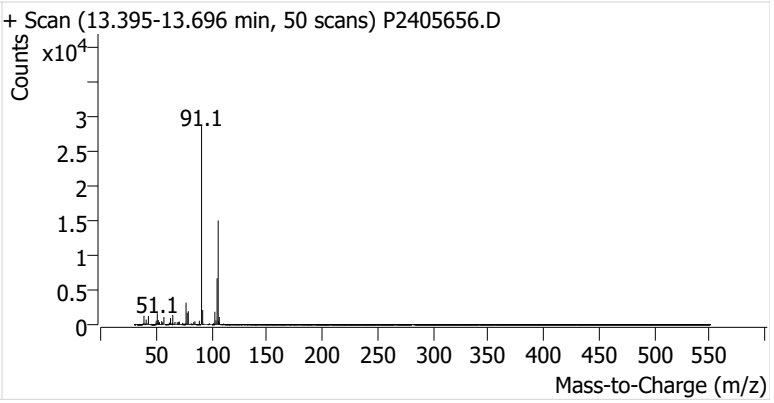
Ethylbenzene



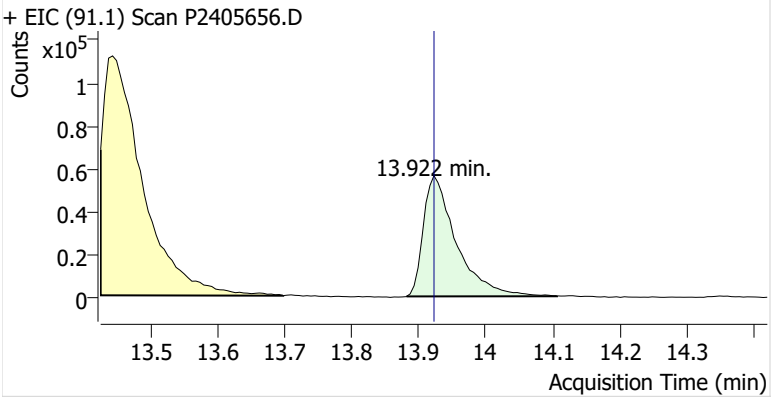


m-/p-Xylene





o-Xylene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0.2
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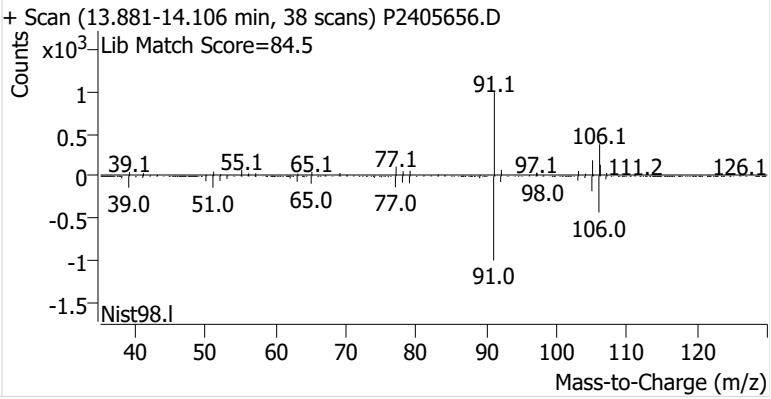
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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77.1
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111.2
126.1
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51.0
65.0
77.0
98.0
106.0
91.0
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40
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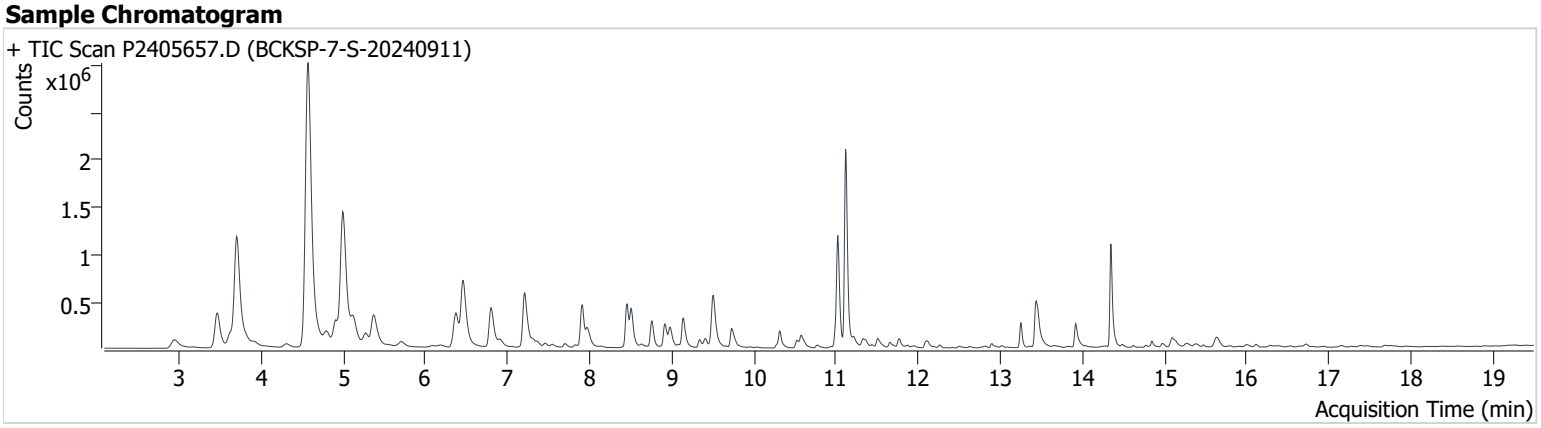
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

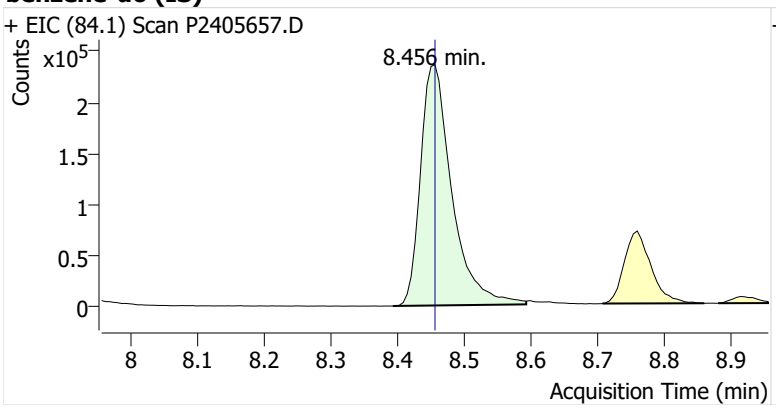
Name	BCKSP-7-S-20240911
Comment	C38924
Data File	P2405657.D
Acq. Date-Time	10/2/2024 10:53:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

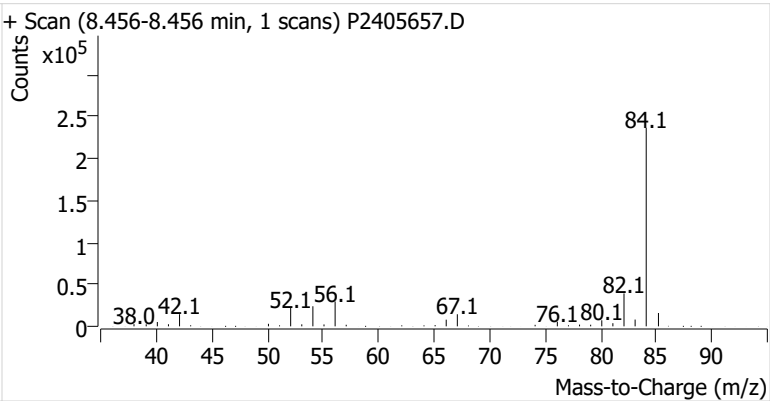
Sample Chromatogram



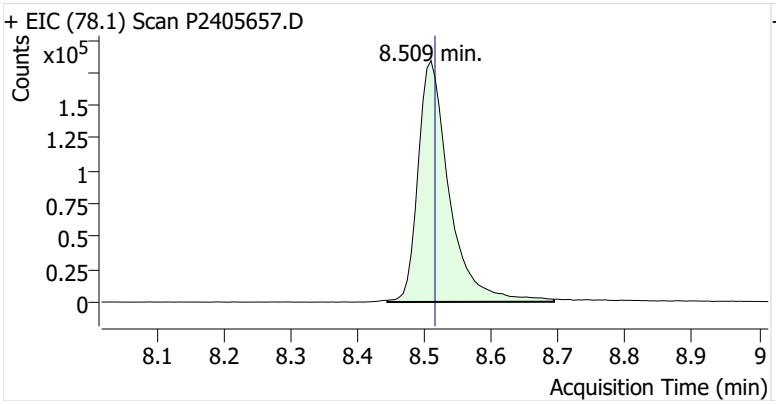
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	769,639	
Benzene	benzene-d6 (IS)	8.509	8.515	596,802	
Toluene-d8 (IS)		11.020	11.032	1,111,906	
Toluene	Toluene-d8 (IS)	11.115	11.121	2,156,370	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	270,807	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	731,515	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	279,968	

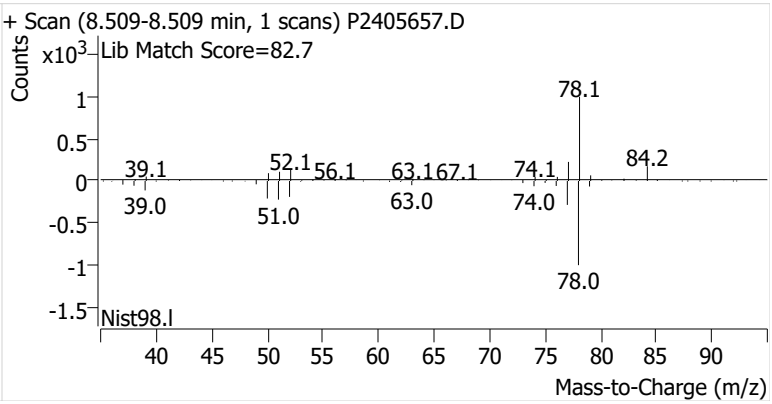
benzene-d6 (IS)



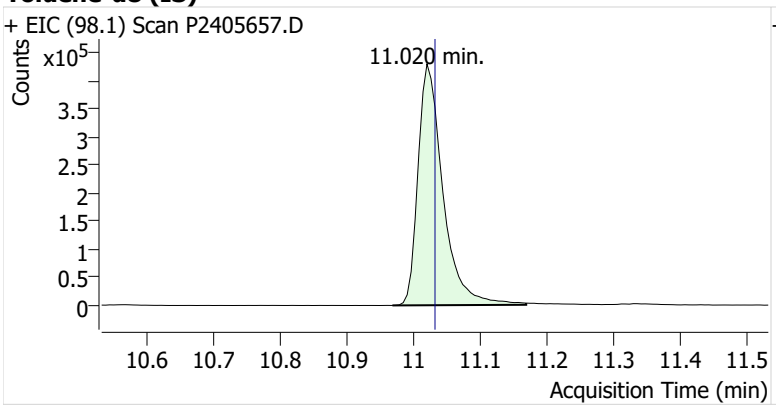


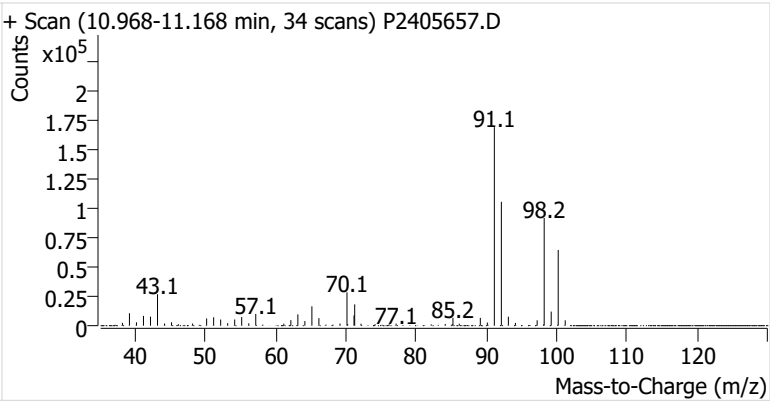
Benzene



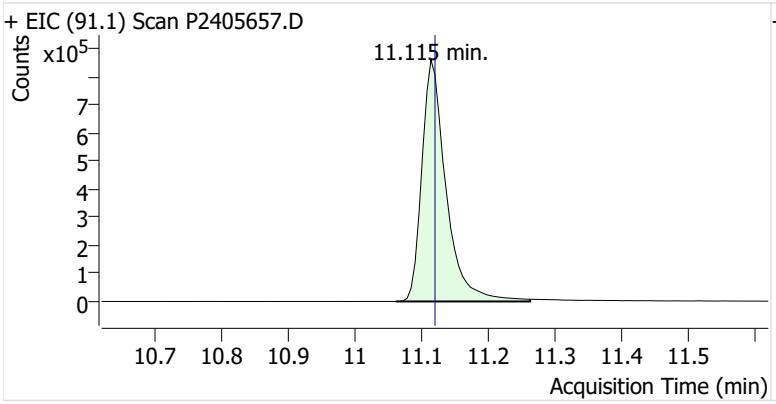


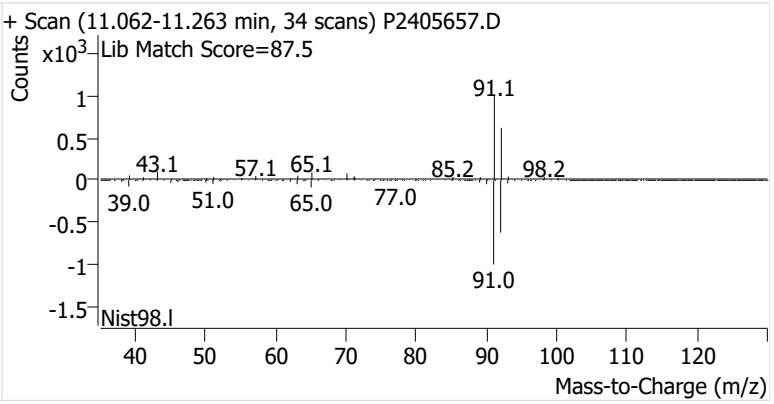
Toluene-d8 (IS)



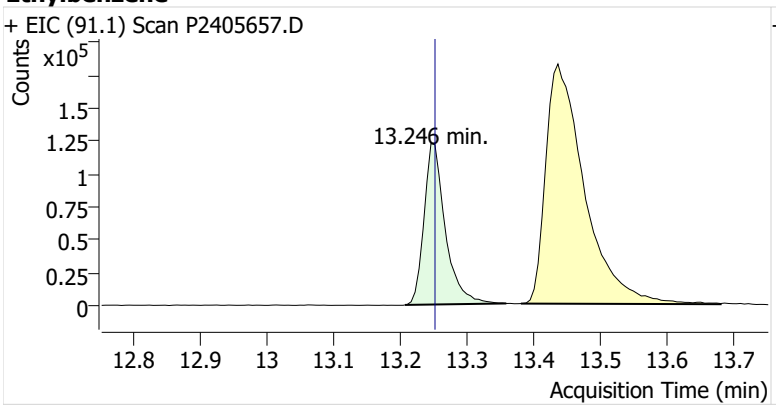


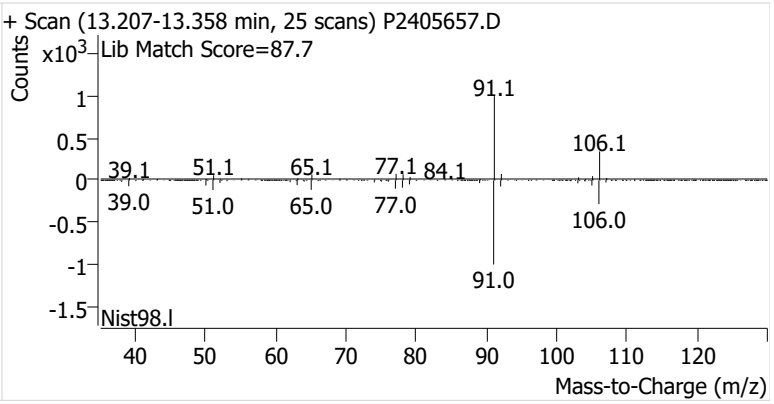
Toluene



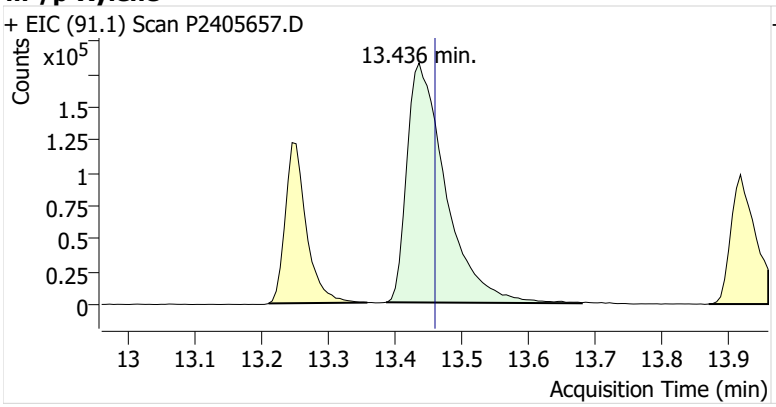


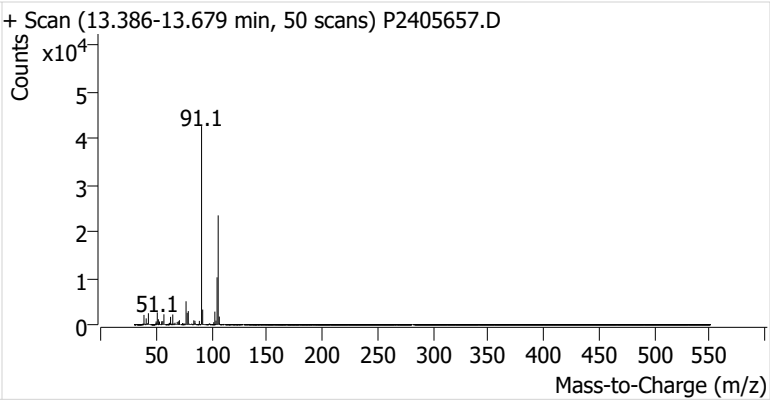
Ethylbenzene



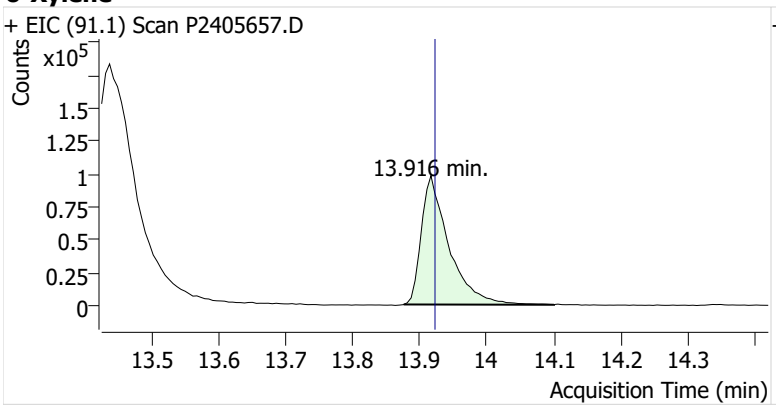


m-/p-Xylene





o-Xylene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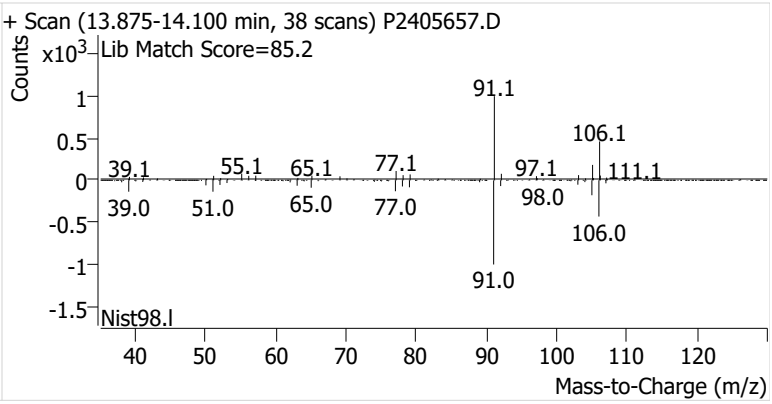
0.75
0.5
0.25
0
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)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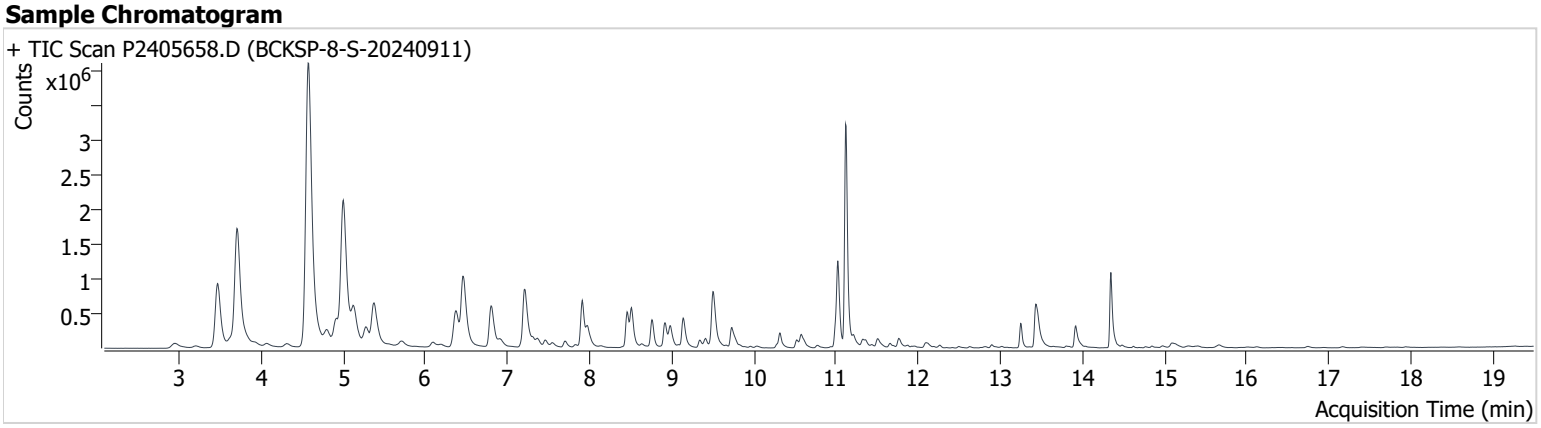
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

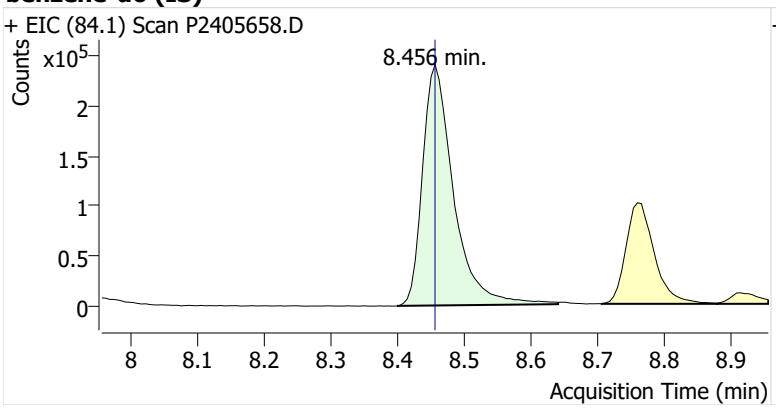
Name	BCKSP-8-S-20240911
Comment	B19396
Data File	P2405658.D
Acq. Date-Time	10/2/2024 11:30:52 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

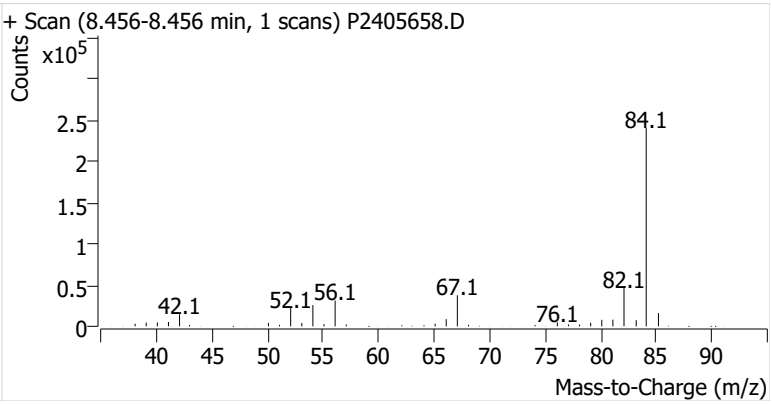
Sample Chromatogram



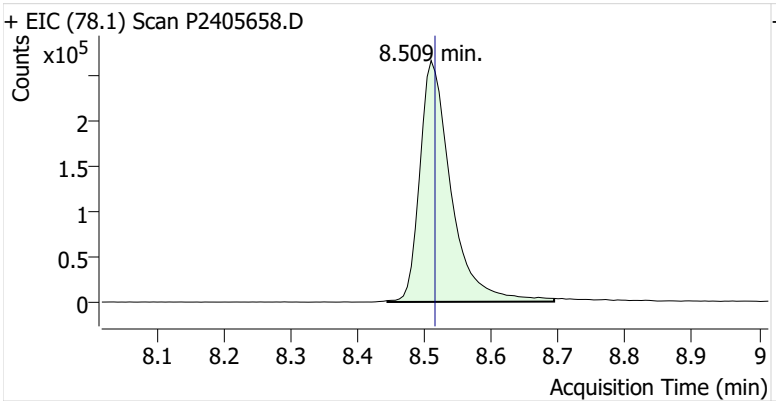
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	772,727	
Benzene	benzene-d6 (IS)	8.509	8.515	864,347	
Toluene-d8 (IS)		11.020	11.032	1,120,482	
Toluene	Toluene-d8 (IS)	11.115	11.121	3,297,743	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	389,409	
m-/p-Xylene	Toluene-d8 (IS)	13.430	13.459	1,003,373	
o-Xylene	Toluene-d8 (IS)	13.917	13.922	382,733	

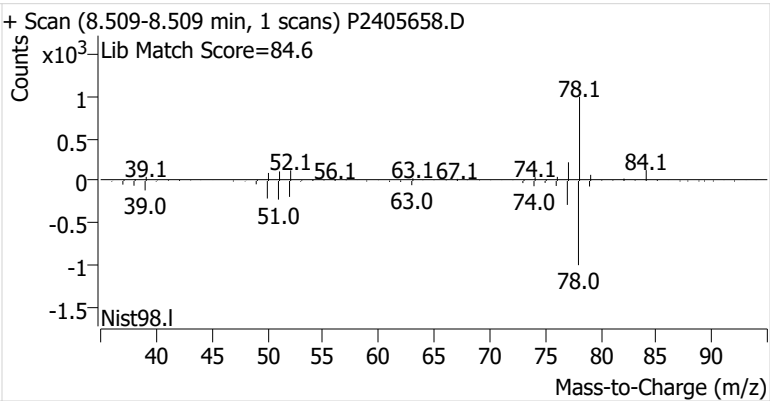
benzene-d6 (IS)



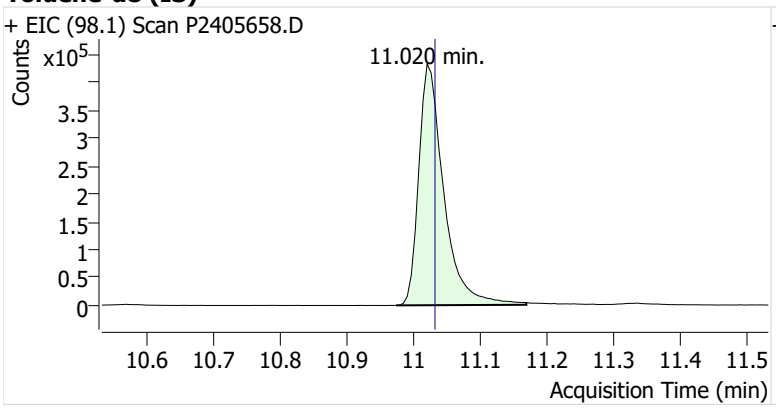


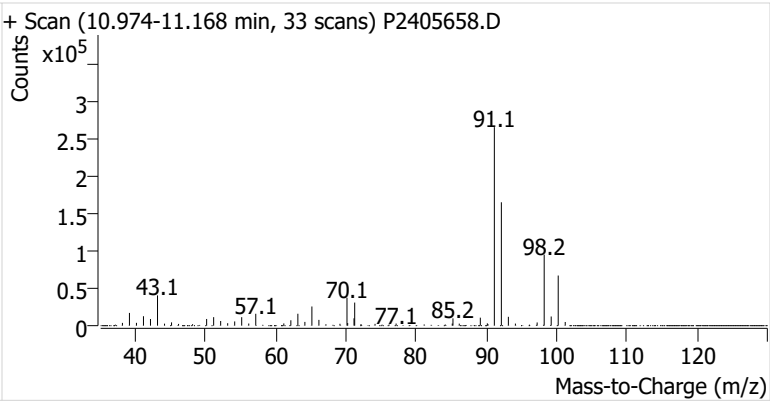
Benzene



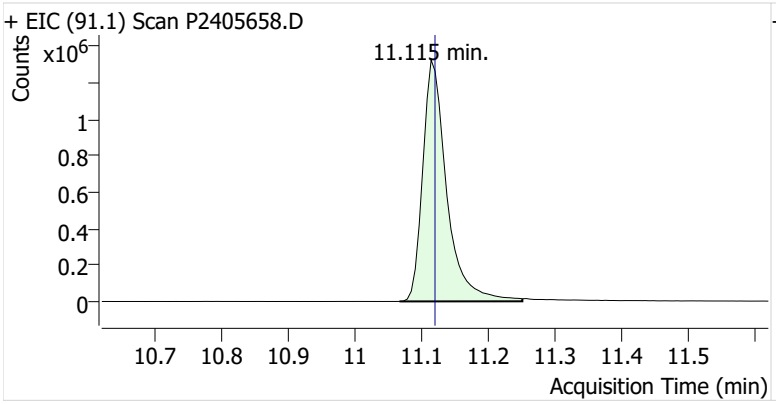


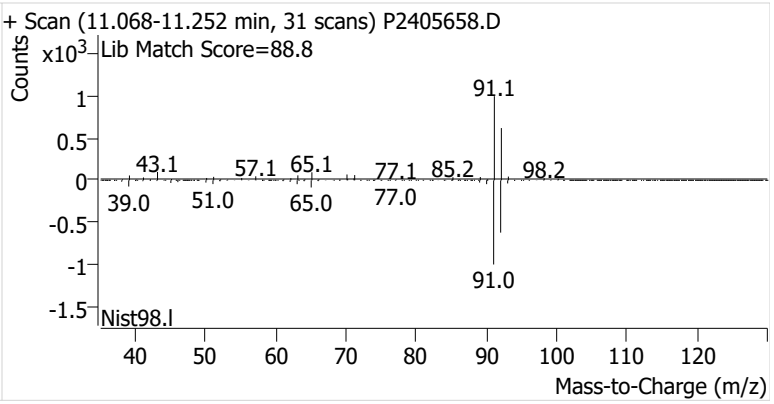
Toluene-d8 (IS)



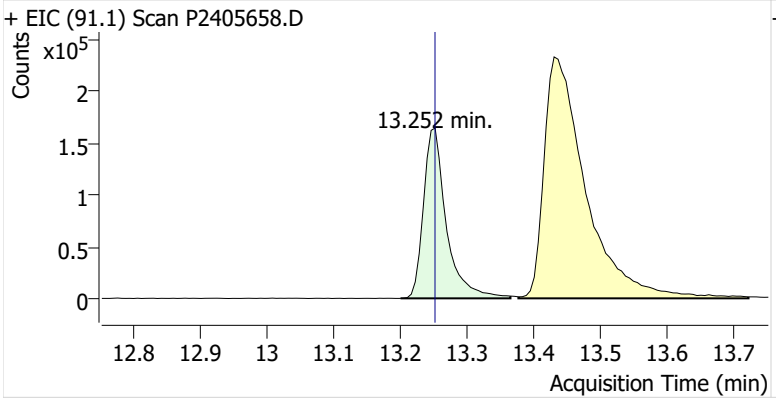


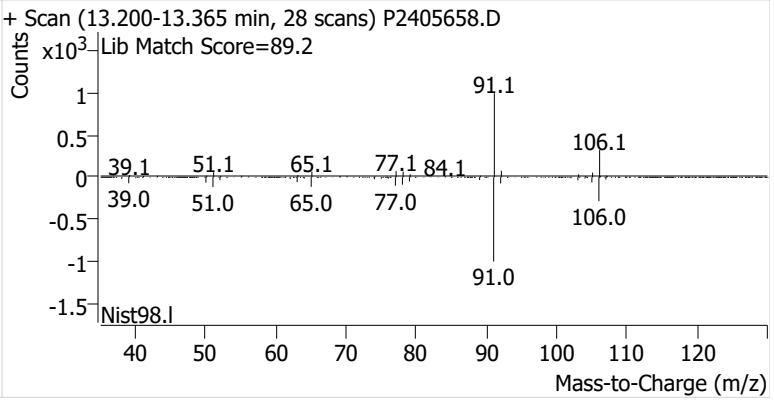
Toluene



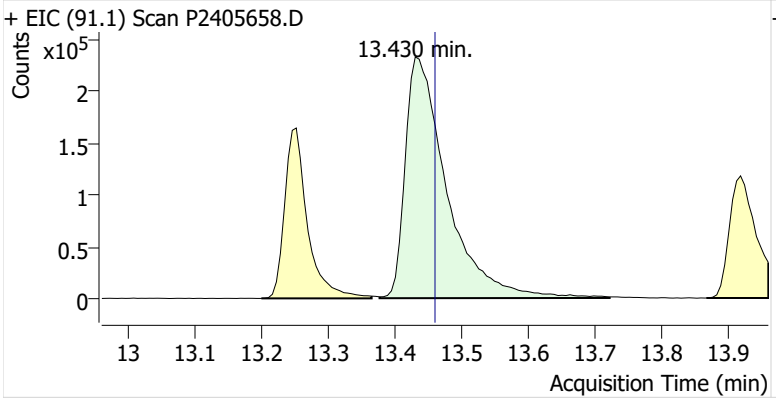


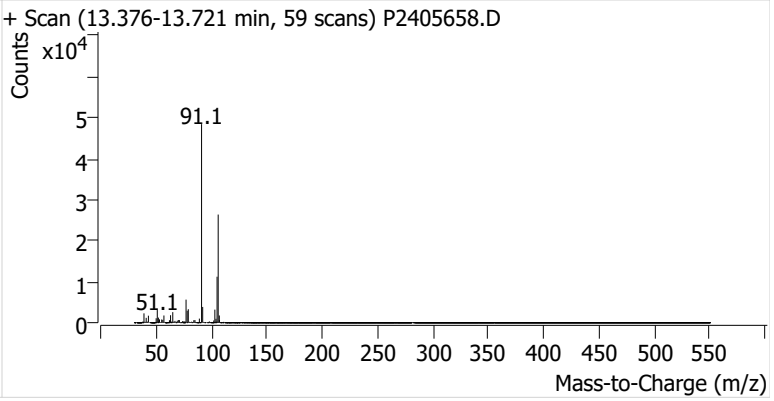
Ethylbenzene



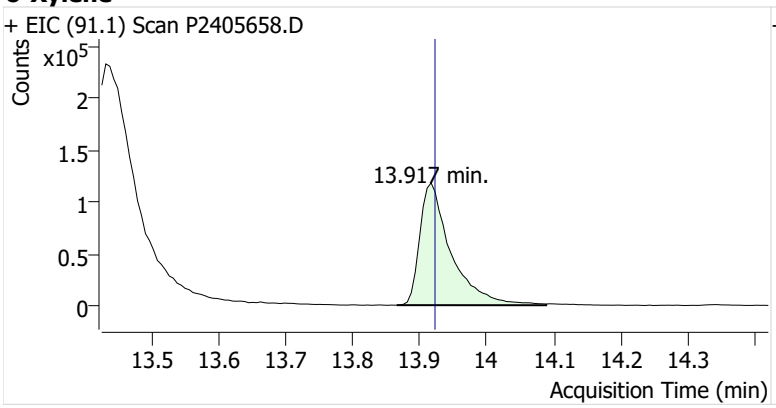


m-/p-Xylene





o-Xylene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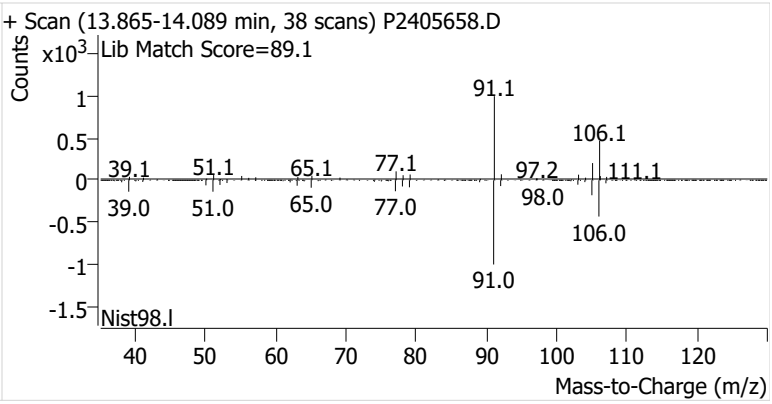
Counts
x10^5
2
1.5
1
0.5
0
13.917 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)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x10^3
Lib Match Score=89.1
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-0.5
-1
-1.5
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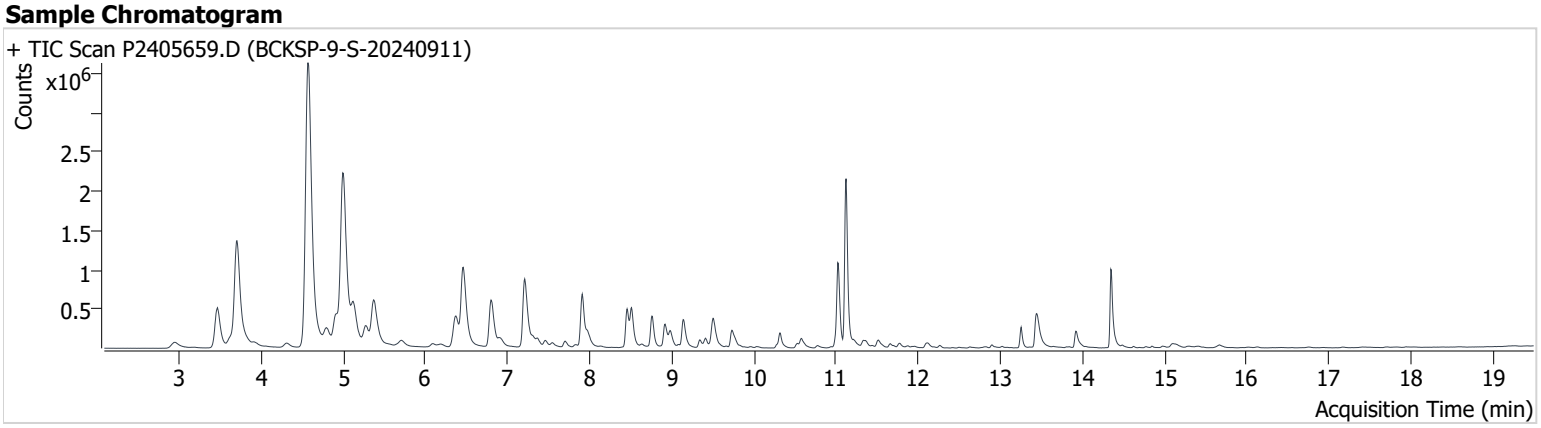
106.1
39.1
51.1
65.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

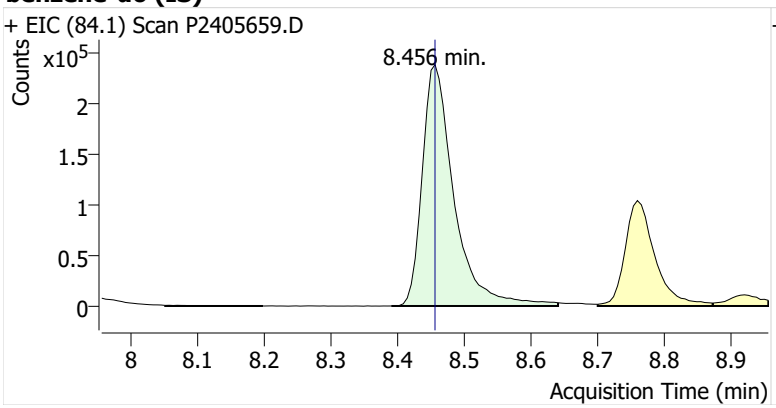
Name	BCKSP-9-S-20240911
Comment	C00759
Data File	P2405659.D
Acq. Date-Time	10/3/2024 12:08:08 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

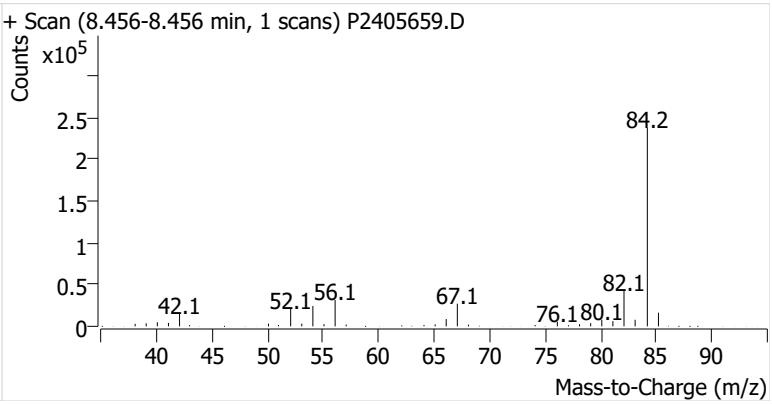
Sample Chromatogram



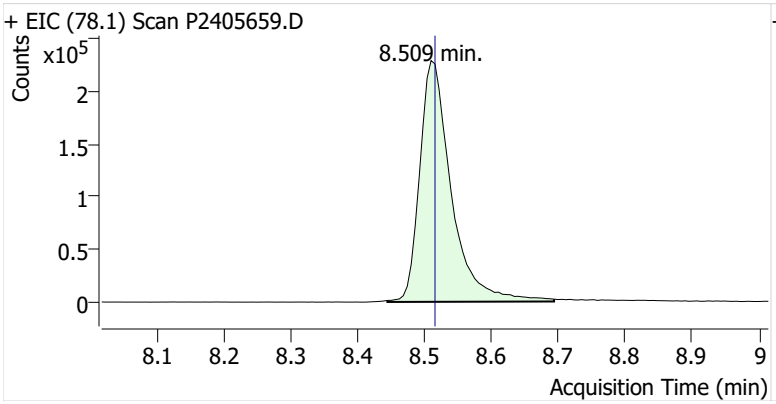
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	781,096	
Benzene	benzene-d6 (IS)	8.509	8.515	751,100	
Toluene-d8 (IS)		11.026	11.032	1,083,208	
Toluene	Toluene-d8 (IS)	11.121	11.121	2,376,016	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	275,987	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	705,220	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	270,580	

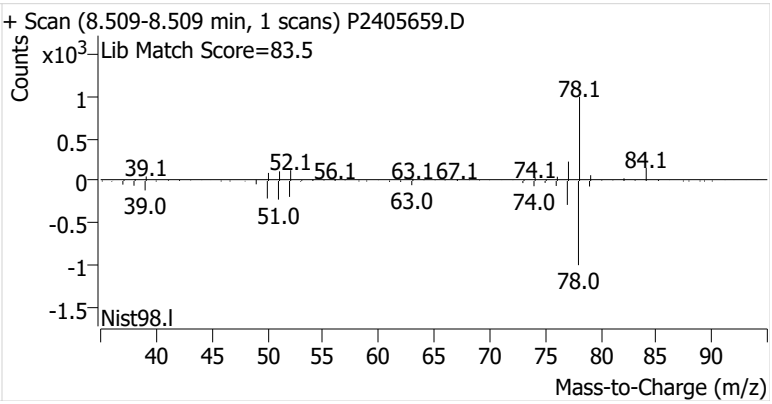
benzene-d6 (IS)



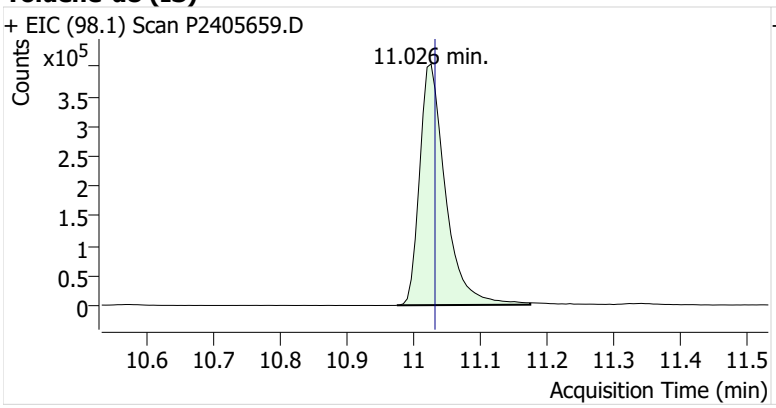


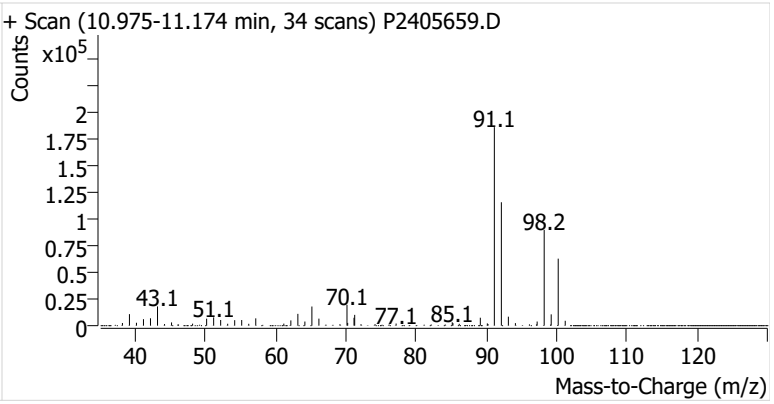
Benzene



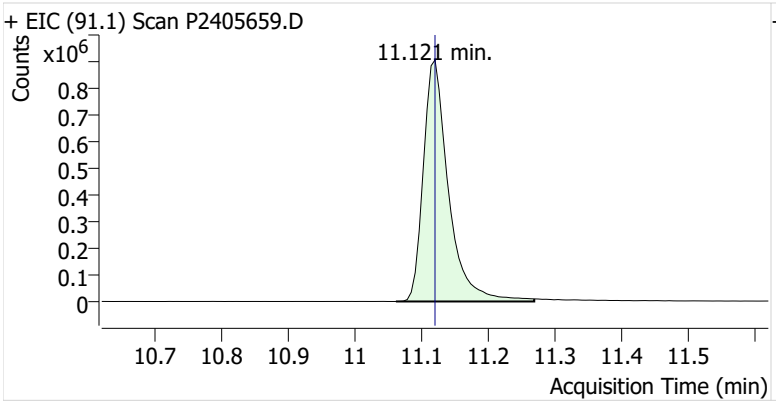


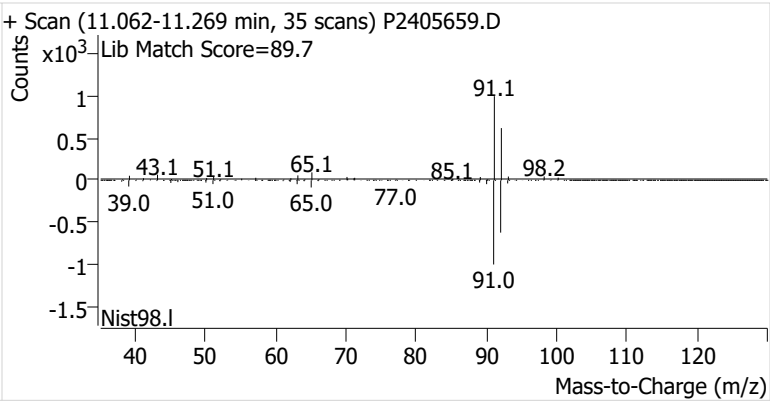
Toluene-d8 (IS)



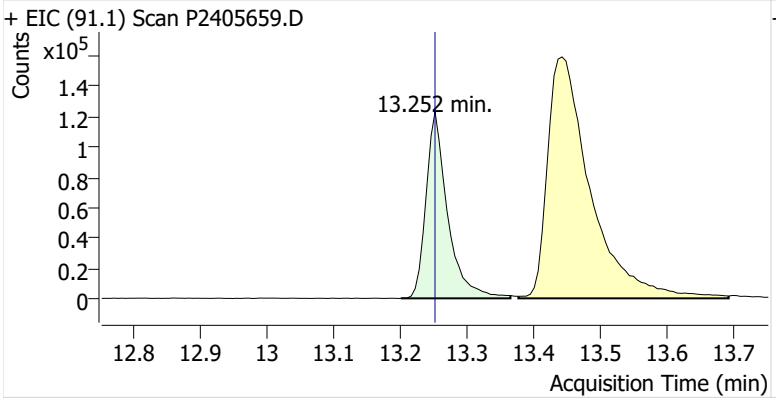


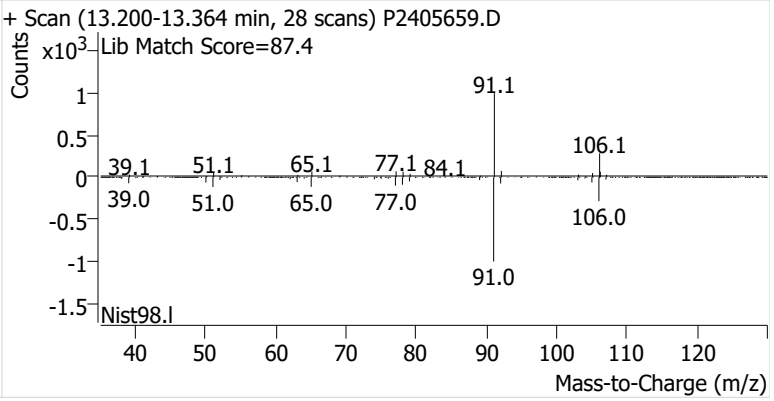
Toluene



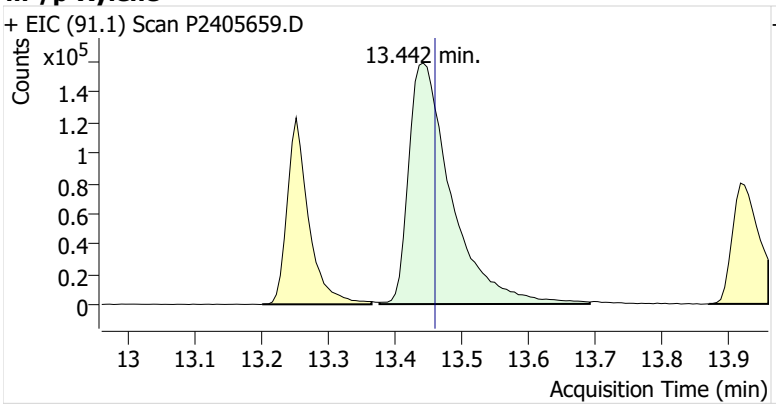


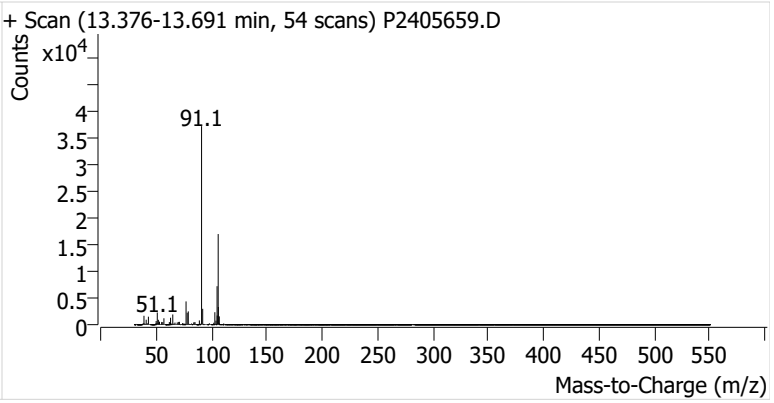
Ethylbenzene



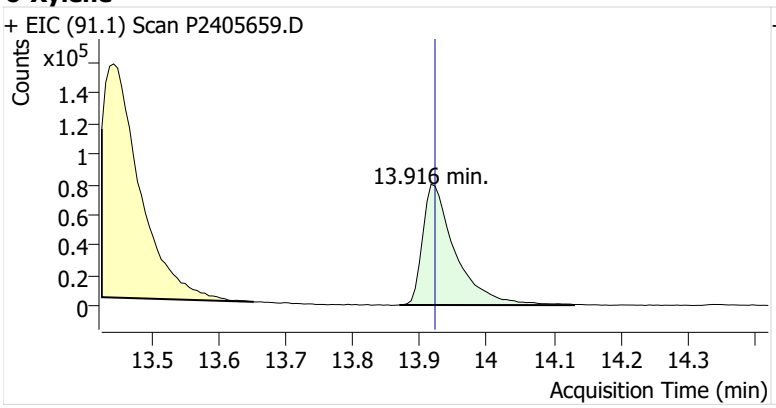


m-/p-Xylene





o-Xylene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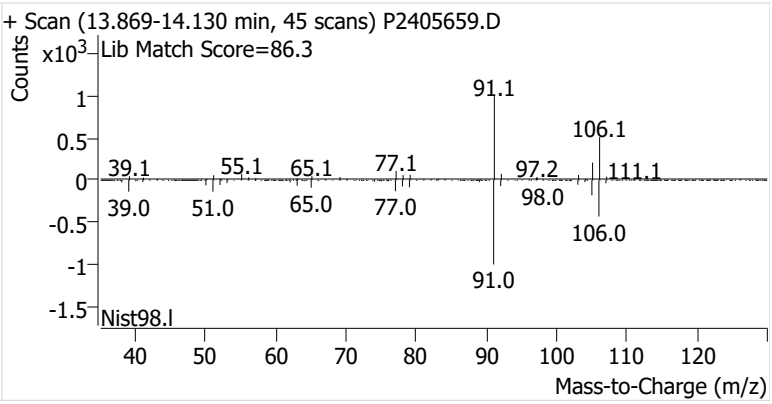
0.6
0.4
0.2
0
13.916 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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Lib Match Score=86.3
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39.1
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65.1
77.1
97.2
111.1
39.0
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65.0
77.0
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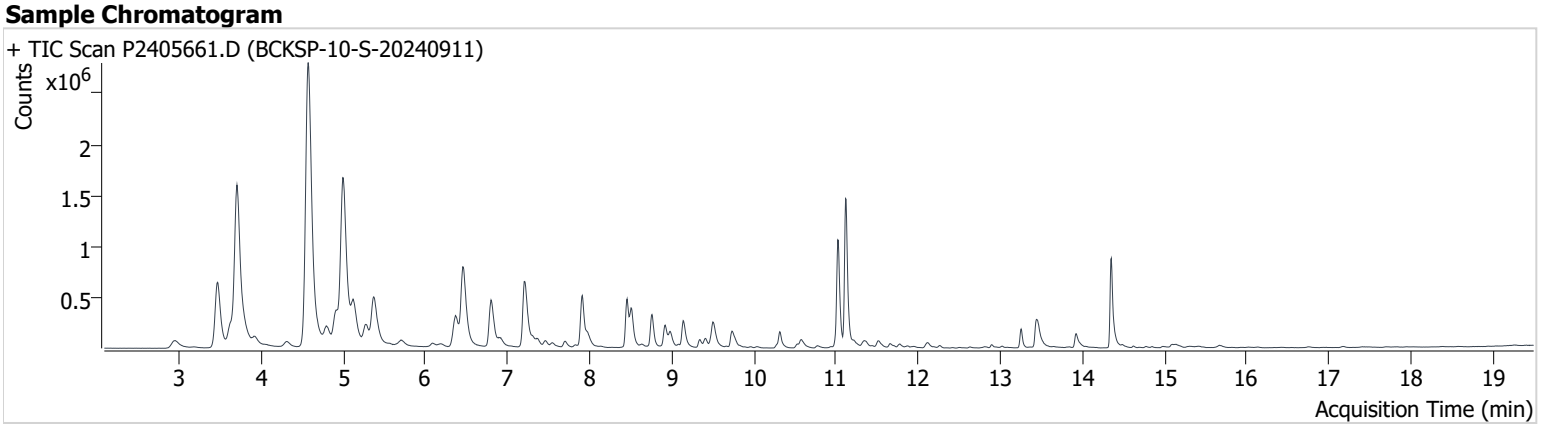
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

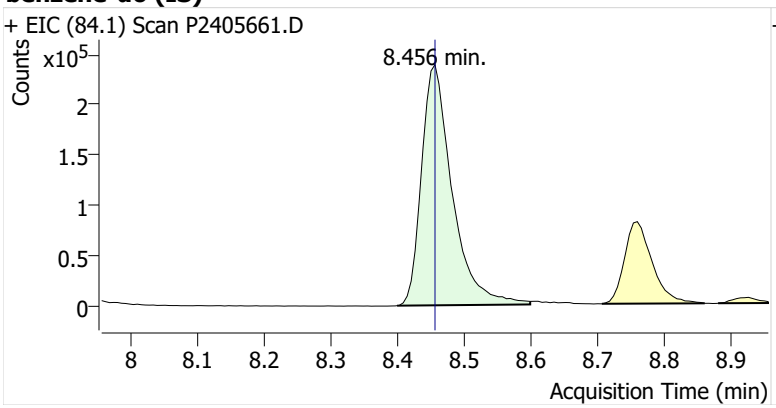
Name	BCKSP-10-S-20240911
Comment	B37511
Data File	P2405661.D
Acq. Date-Time	10/3/2024 1:22:40 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

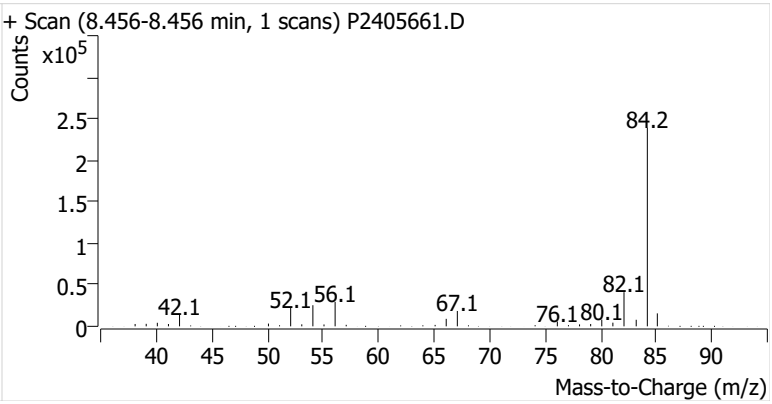
Sample Chromatogram



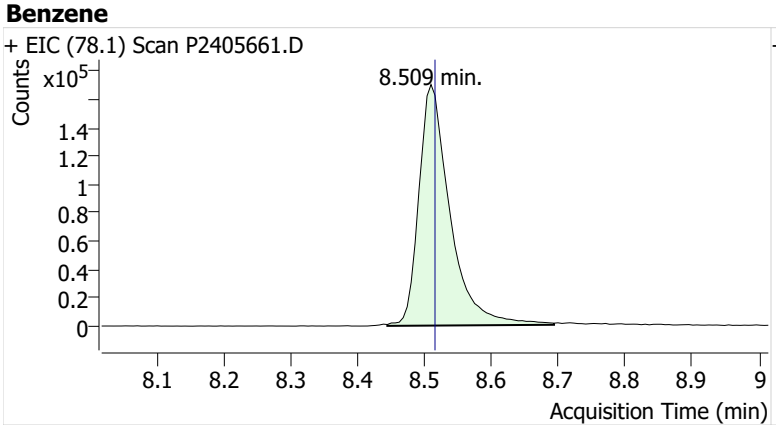
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	761,471	
Benzene	benzene-d6 (IS)	8.509	8.515	549,964	
Toluene-d8 (IS)		11.026	11.032	1,090,811	
Toluene	Toluene-d8 (IS)	11.115	11.121	1,629,329	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	196,234	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	451,228	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	174,764	

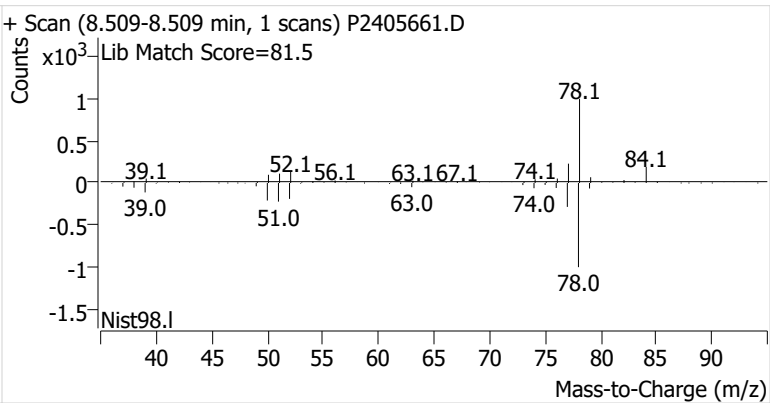
benzene-d6 (IS)



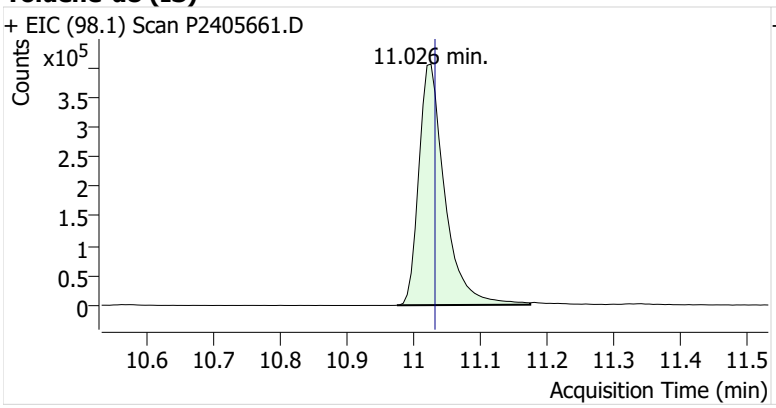


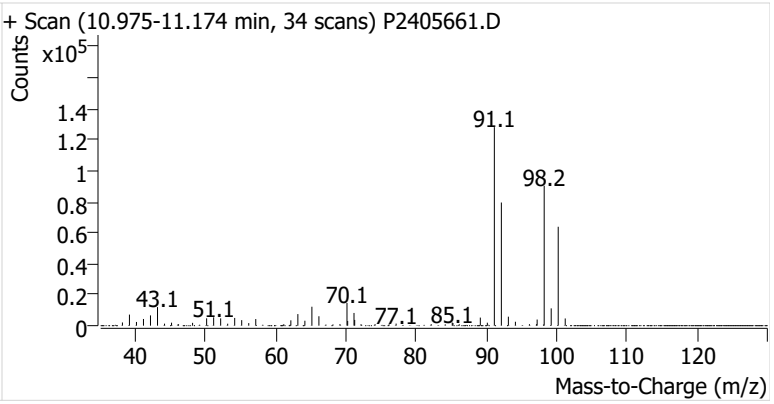
Benzene



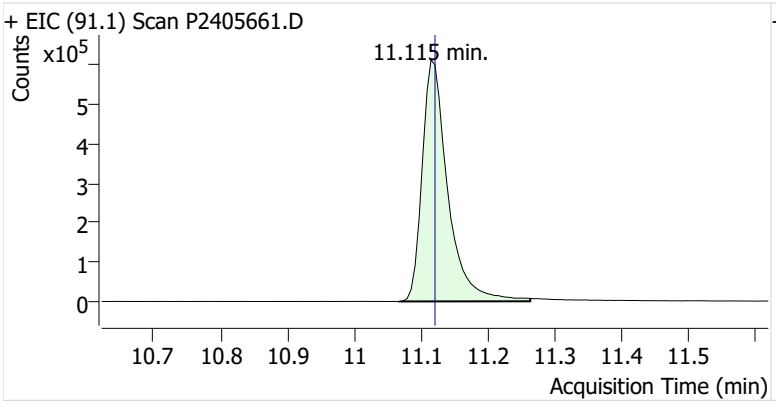


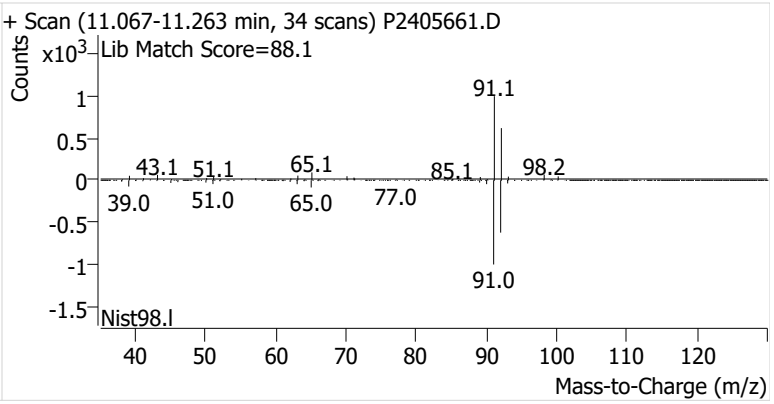
Toluene-d8 (IS)



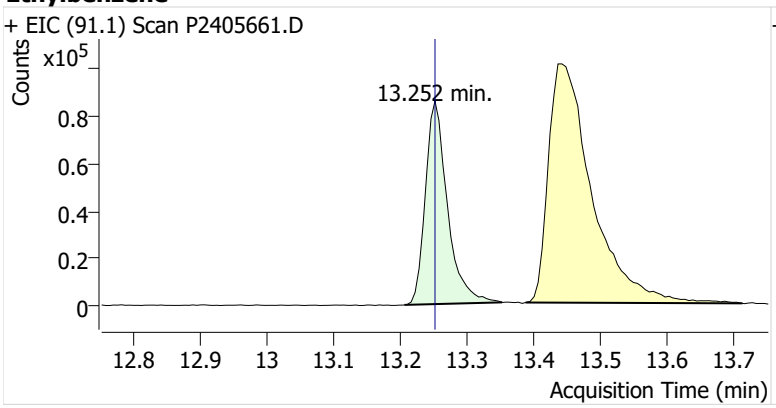


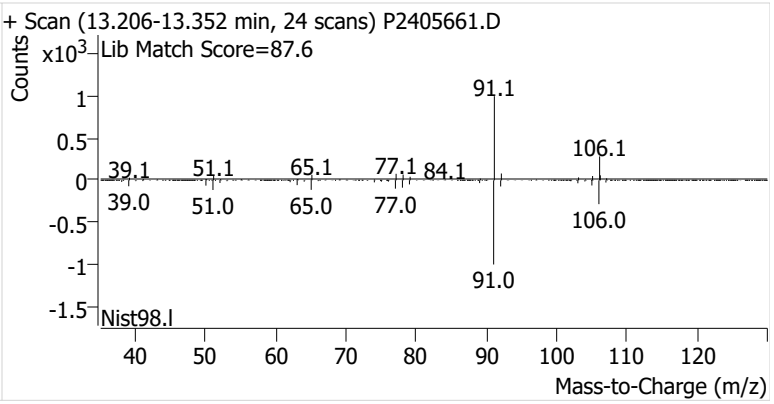
Toluene



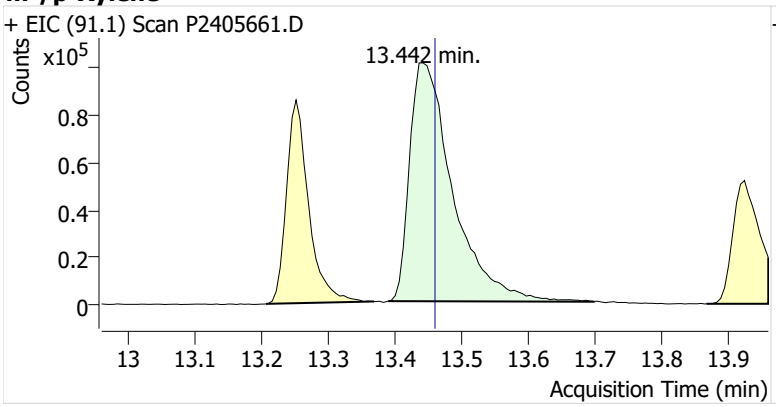


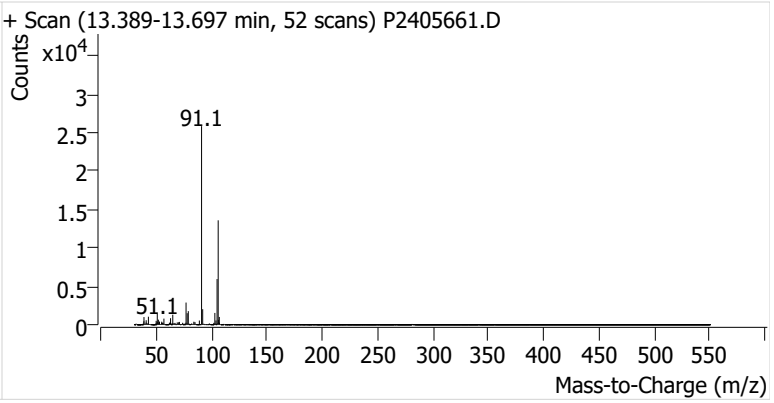
Ethylbenzene



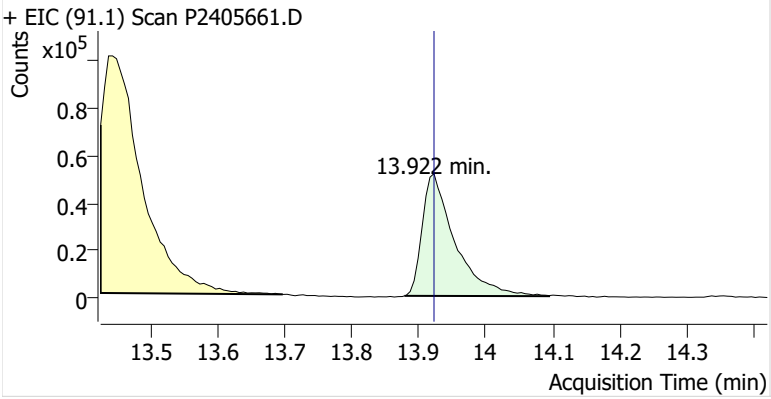


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405661.D
Counts
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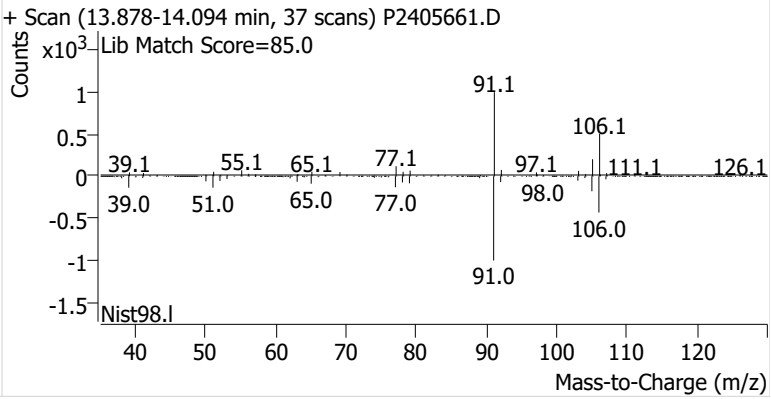
0.6
0.4
0.2
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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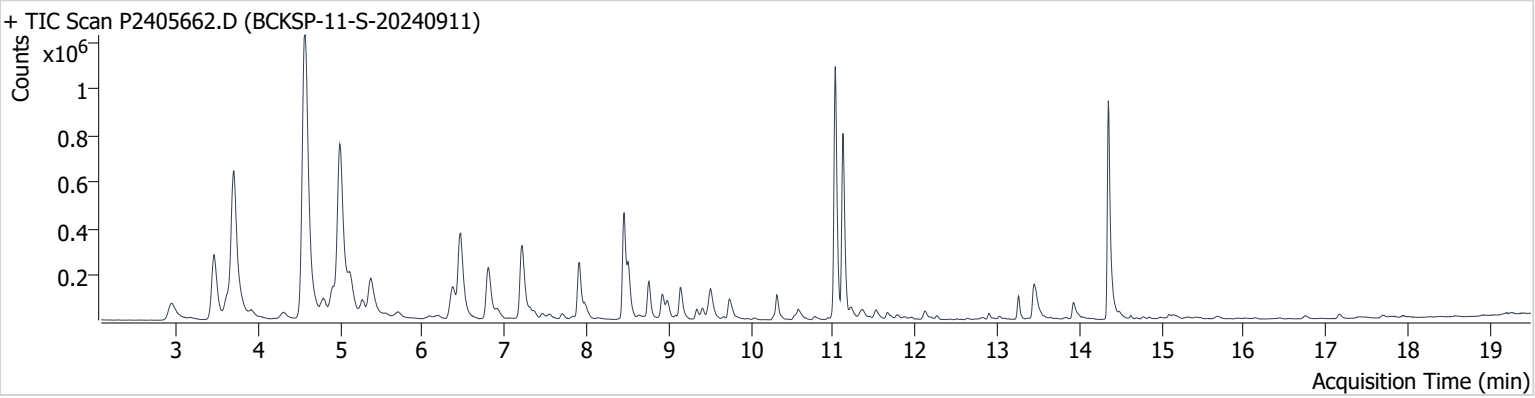
65.1
77.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

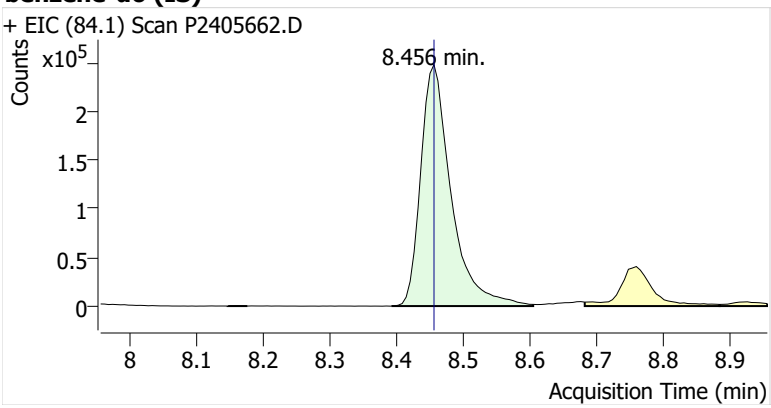
Name	BCKSP-11-S-20240911
Comment	B50910
Data File	P2405662.D
Acq. Date-Time	10/3/2024 2:00:42 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

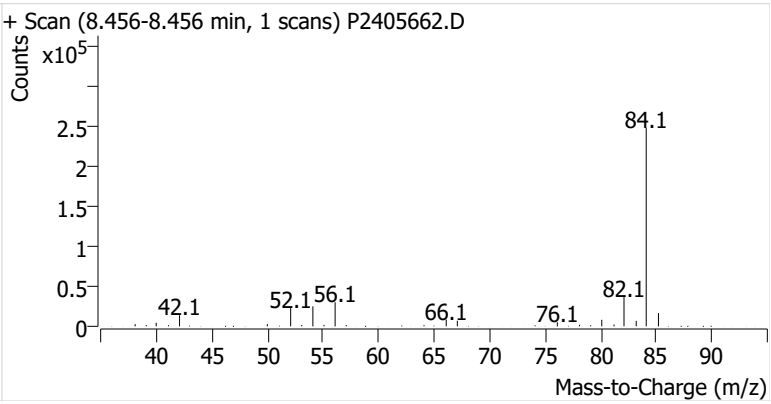
Sample Chromatogram



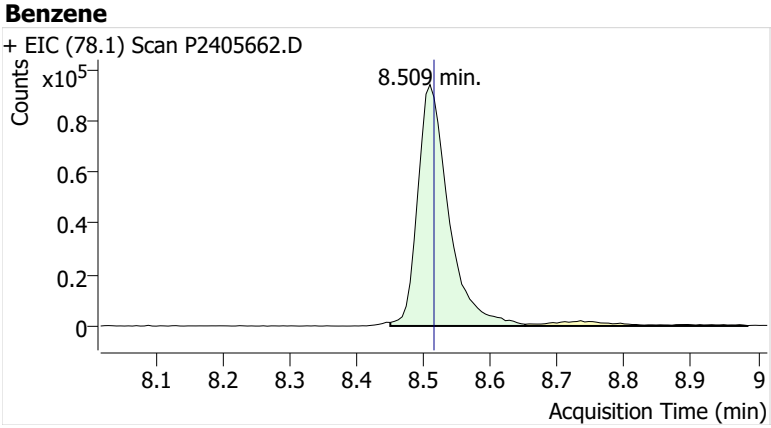
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	781,962	
Benzene	benzene-d6 (IS)	8.509	8.515	301,246	
Toluene-d8 (IS)		11.026	11.032	1,136,339	
Toluene	Toluene-d8 (IS)	11.121	11.121	849,866	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	108,901	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	259,894	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	100,775	

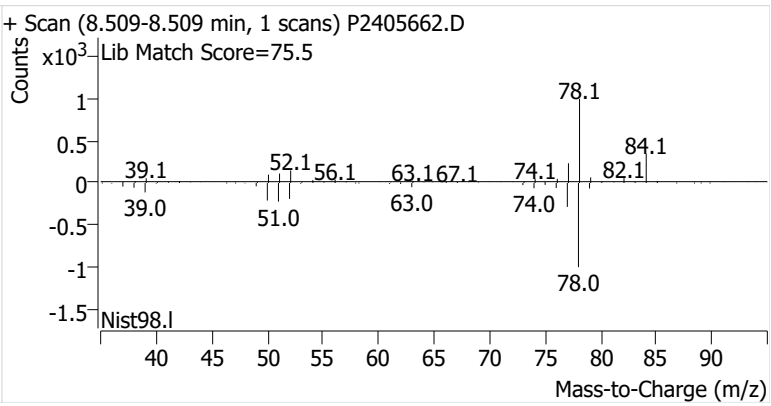
benzene-d6 (IS)



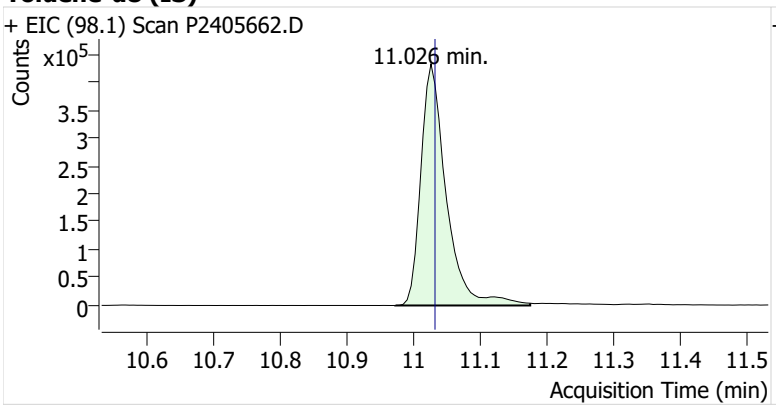


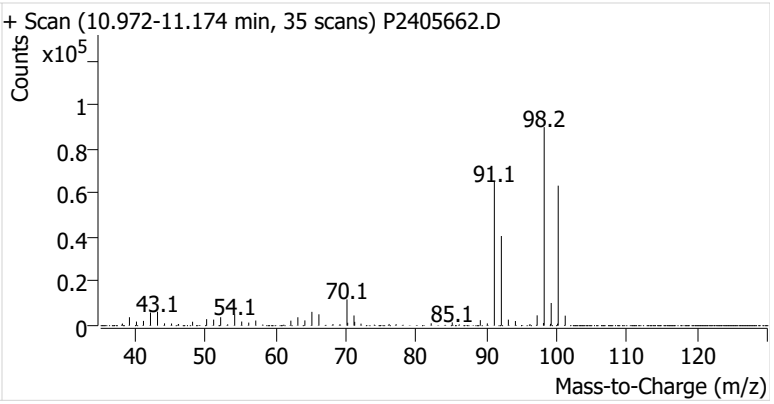
Benzene



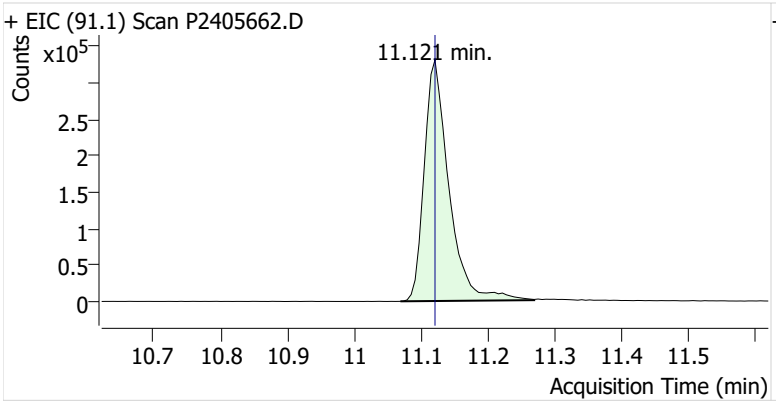


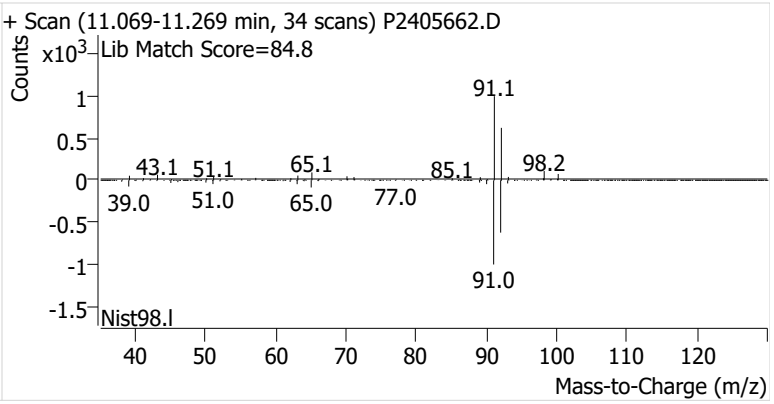
Toluene-d8 (IS)



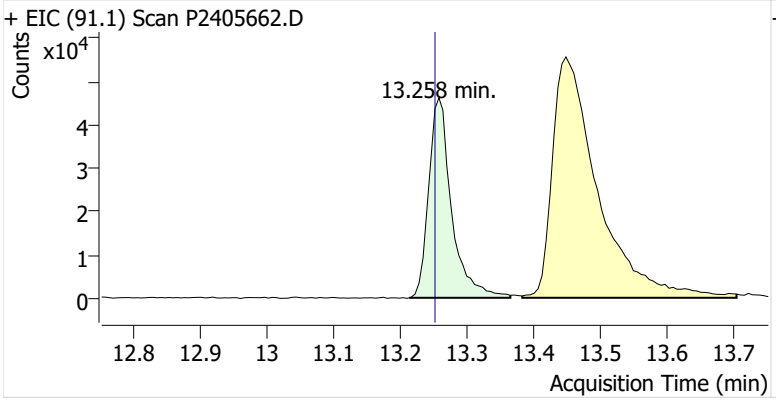


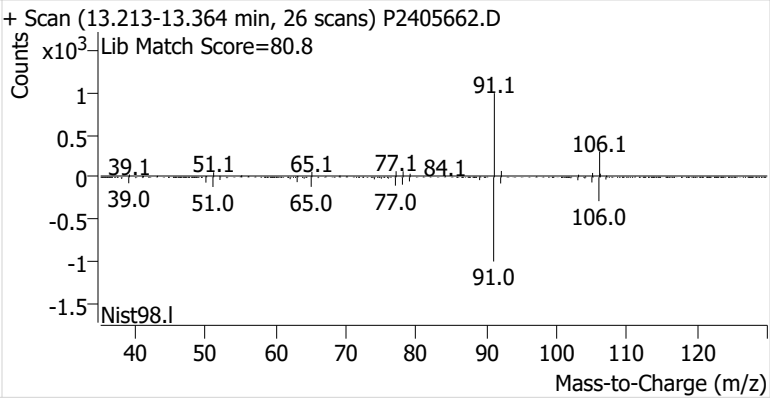
Toluene



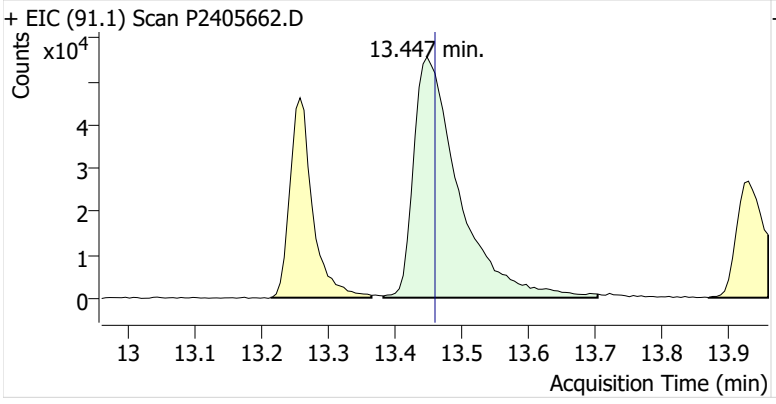


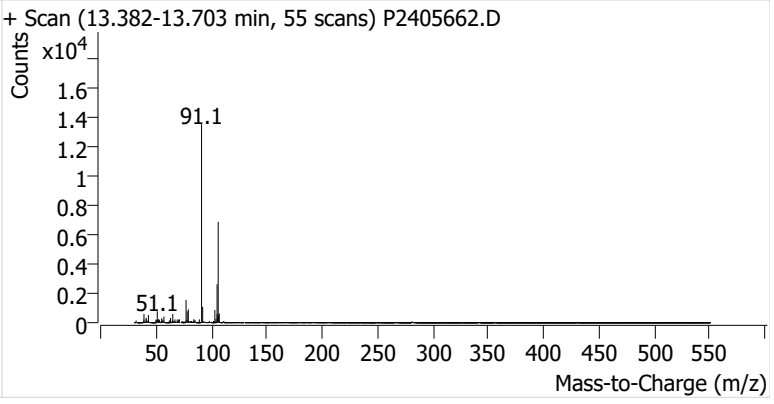
Ethylbenzene



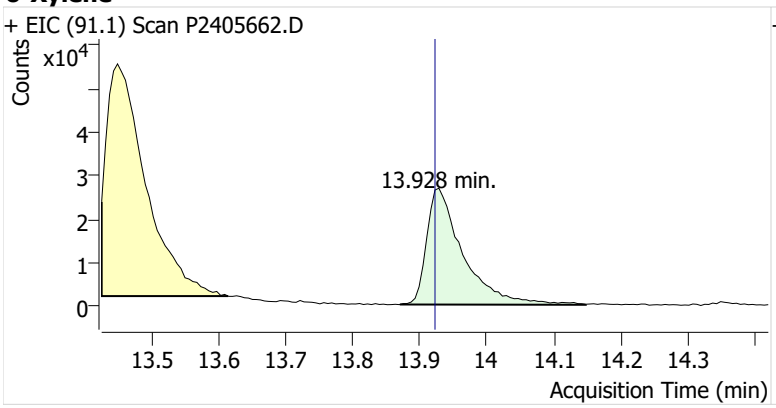


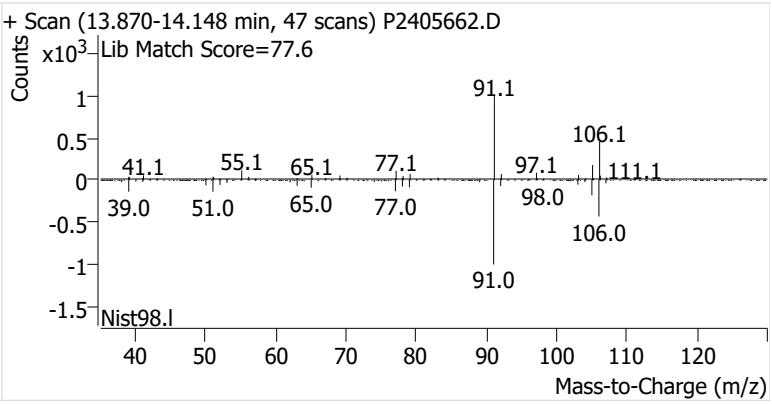
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405662.D
Counts
x10^4
4
3
2
1
0
13.928 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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77.1
97.1
111.1
39.0
51.0
65.0
77.0
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106.0
91.0
Nist98.l
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100
110
120
Mass-to-Charge (m/z)

Name	BCKSP-12-S-20240911
Comment	B21047
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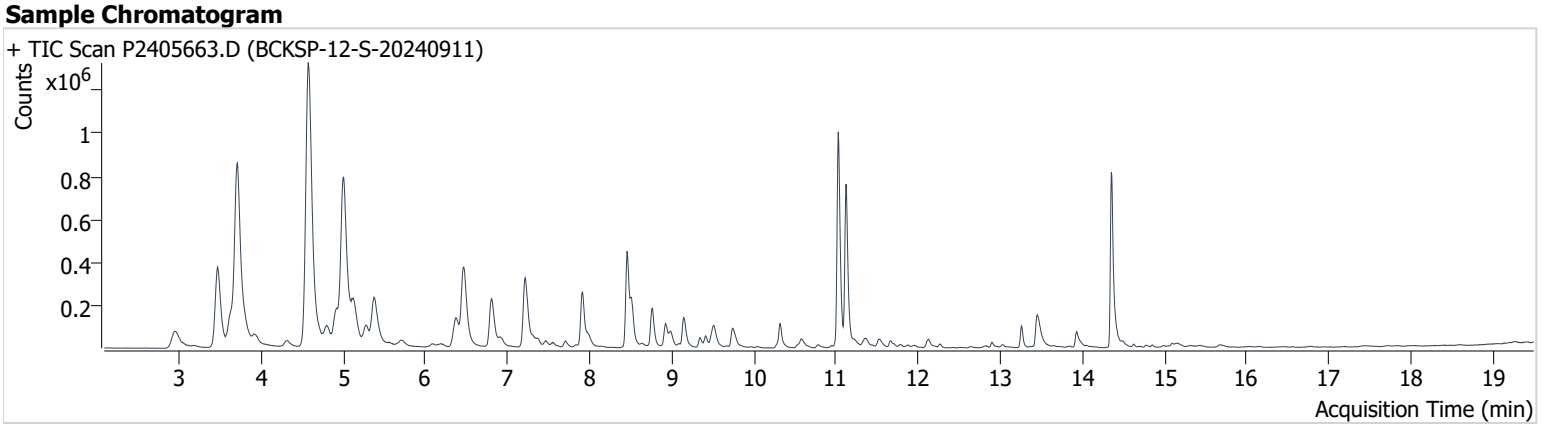
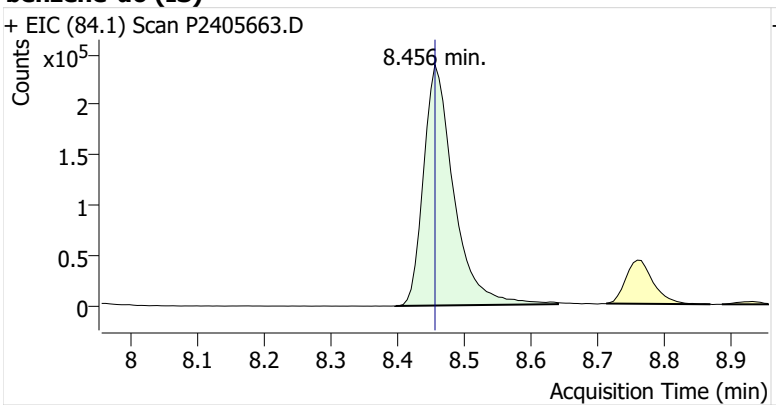
Acq. Date-Time	10/3/2024 2:37:56 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

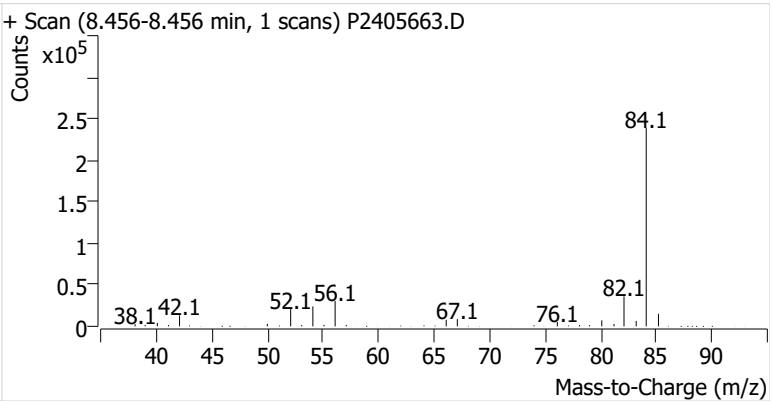
Sample Chromatogram



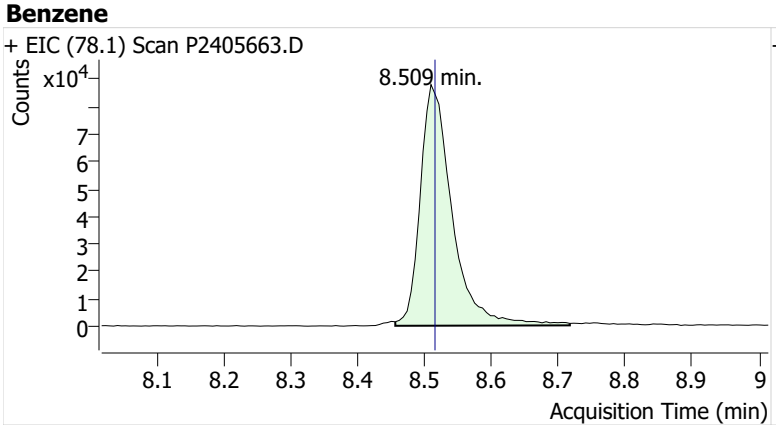
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	750,918	
Benzene	benzene-d6 (IS)	8.509	8.515	291,028	
Toluene-d8 (IS)		11.026	11.032	1,061,577	
Toluene	Toluene-d8 (IS)	11.121	11.121	846,221	
Ethylbenzene	Toluene-d8 (IS)	13.258	13.252	112,476	
m-/p-Xylene	Toluene-d8 (IS)	13.447	13.459	259,084	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	94,035	

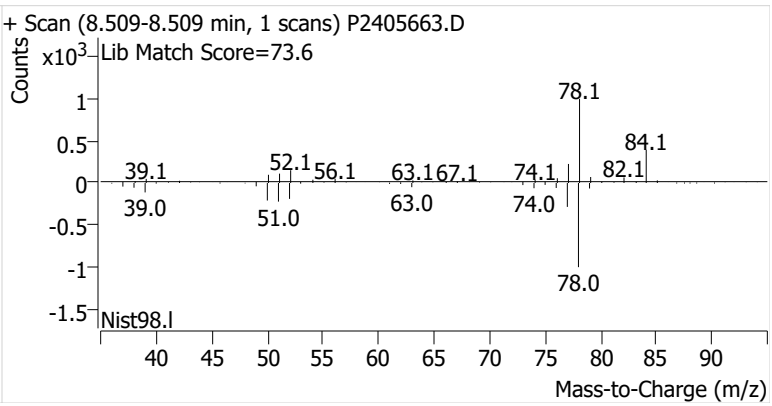
benzene-d6 (IS)



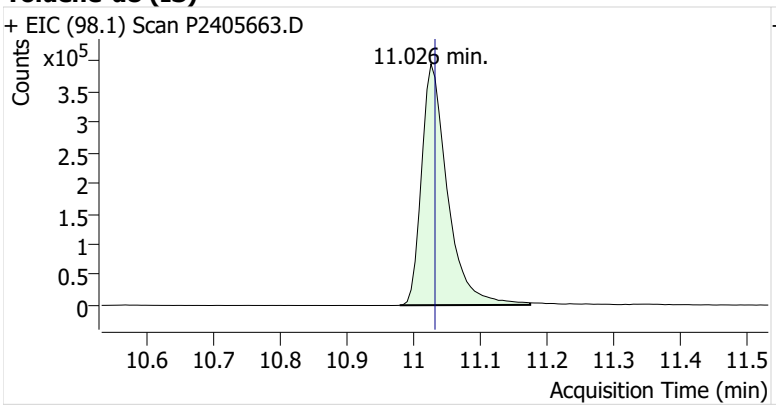


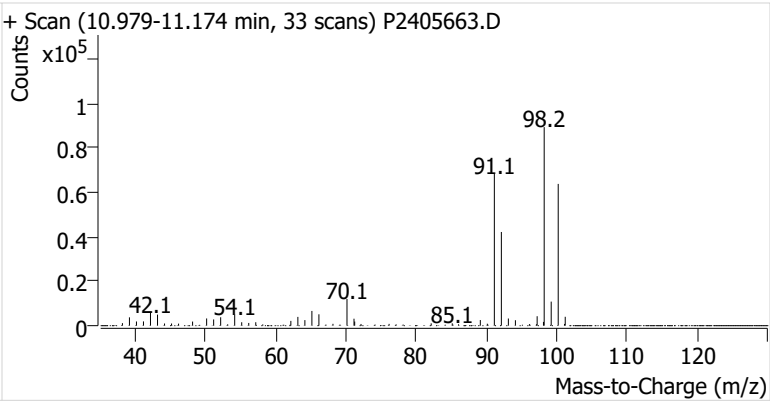
Benzene



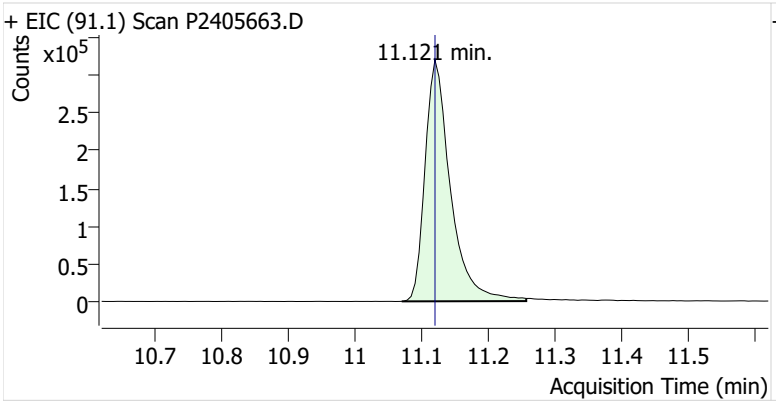


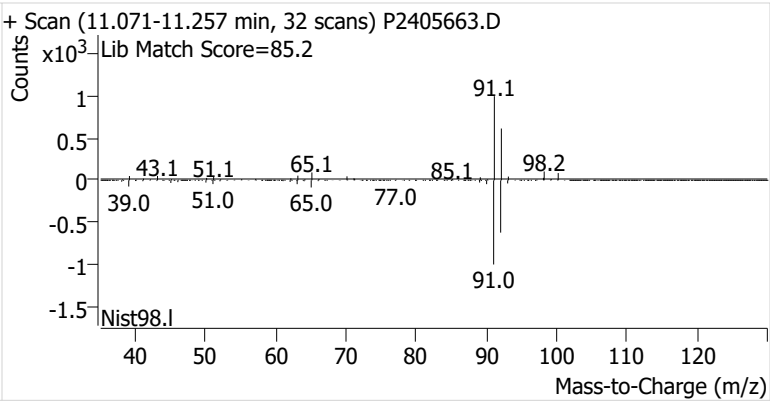
Toluene-d8 (IS)



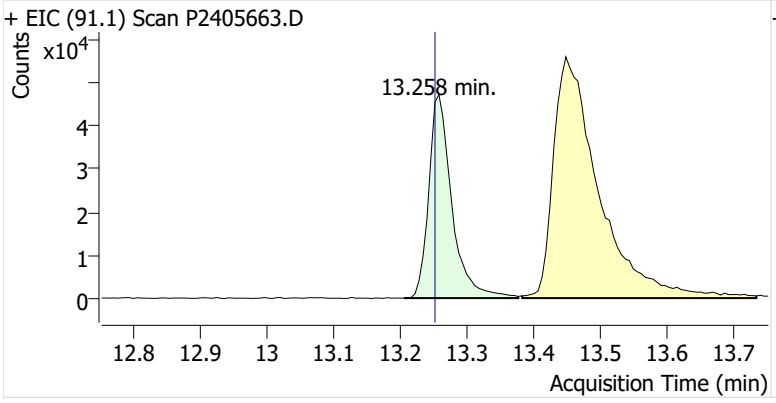


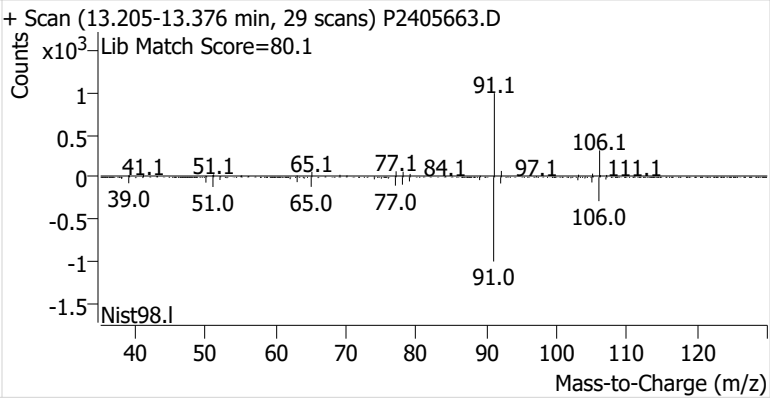
Toluene



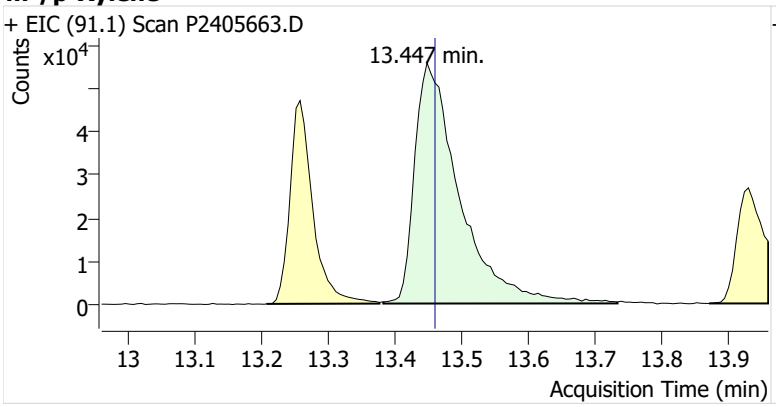


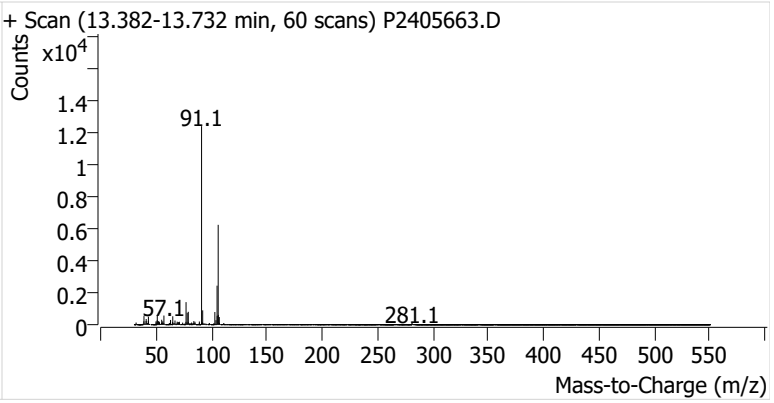
Ethylbenzene



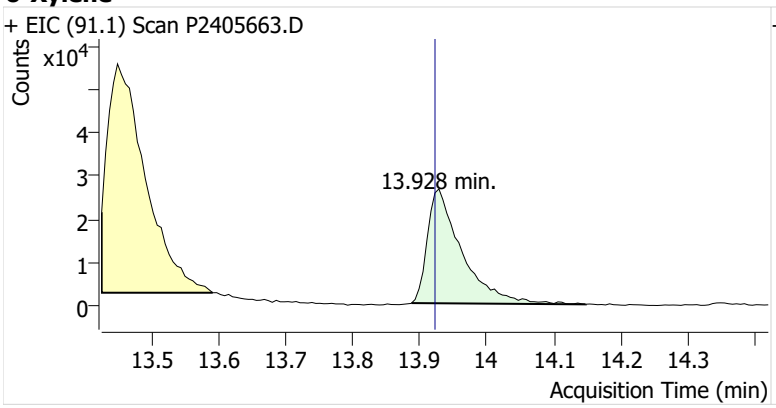


m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405663.D
Counts
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3
2
1
0
13.928 min.
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13.6
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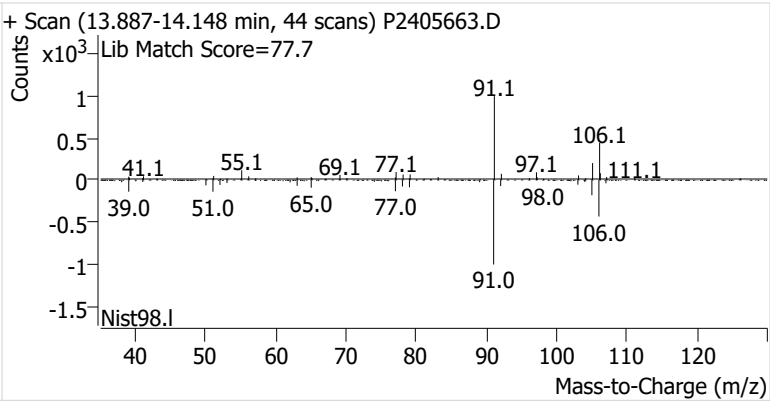
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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Lib Match Score=77.7
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Nist98.l
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100
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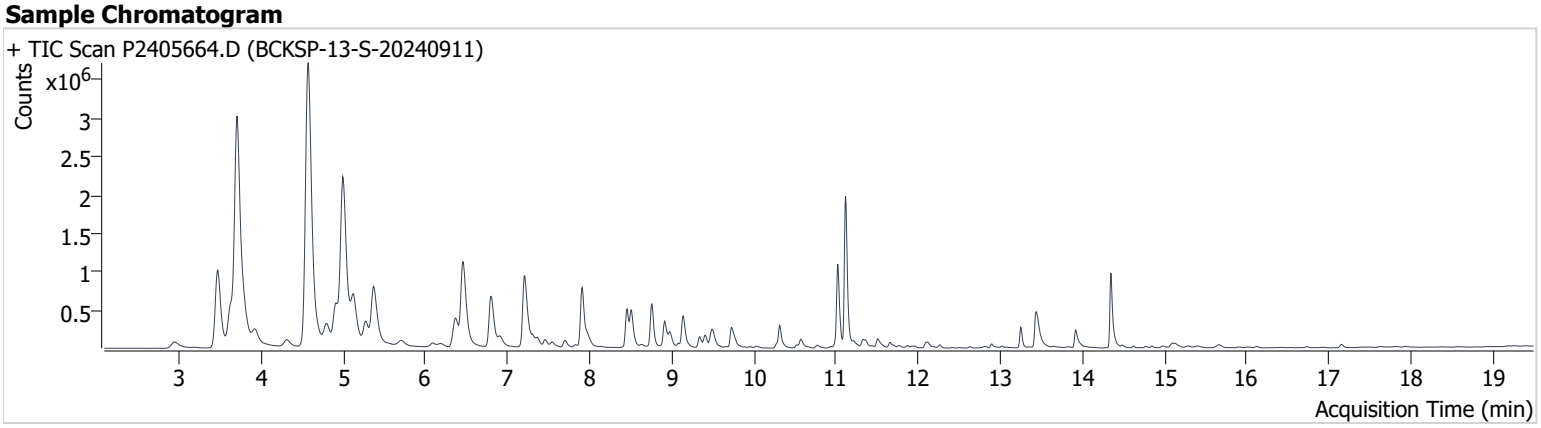
120
Mass-to-Charge (m/z)

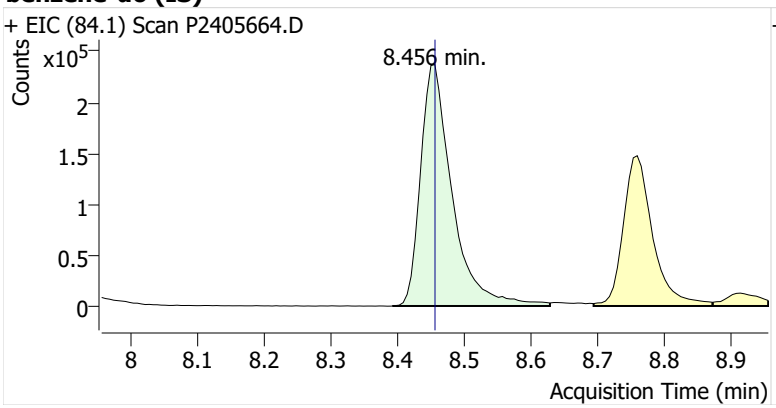
Name	BCKSP-13-S-20240911
Comment	C33301
Data File	P2405664.D
Acq. Date-Time	10/3/2024 3:15:13 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

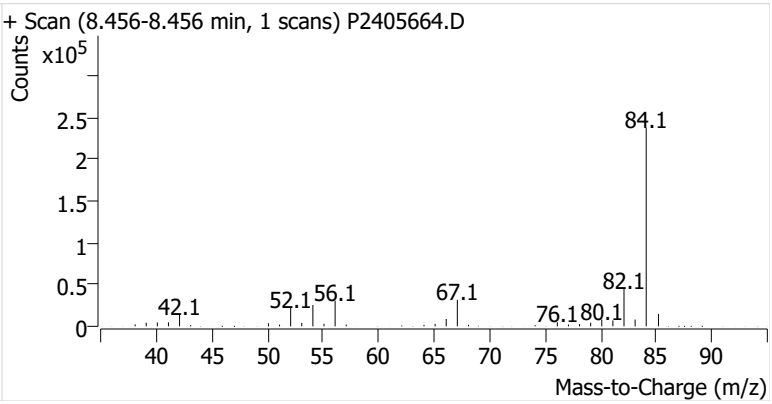
Sample Chromatogram



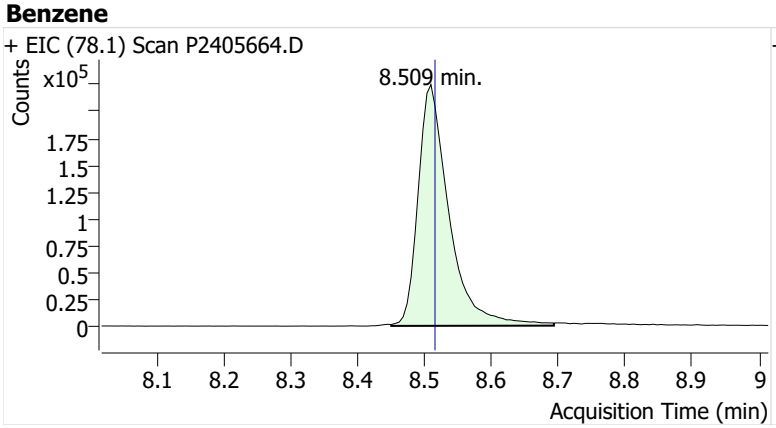
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	778,195	
Benzene	benzene-d6 (IS)	8.509	8.515	722,362	
Toluene-d8 (IS)		11.020	11.032	1,099,317	
Toluene	Toluene-d8 (IS)	11.115	11.121	2,259,872	
Ethylbenzene	Toluene-d8 (IS)	13.246	13.252	283,639	
m-/p-Xylene	Toluene-d8 (IS)	13.436	13.459	707,967	
o-Xylene	Toluene-d8 (IS)	13.916	13.922	281,246	

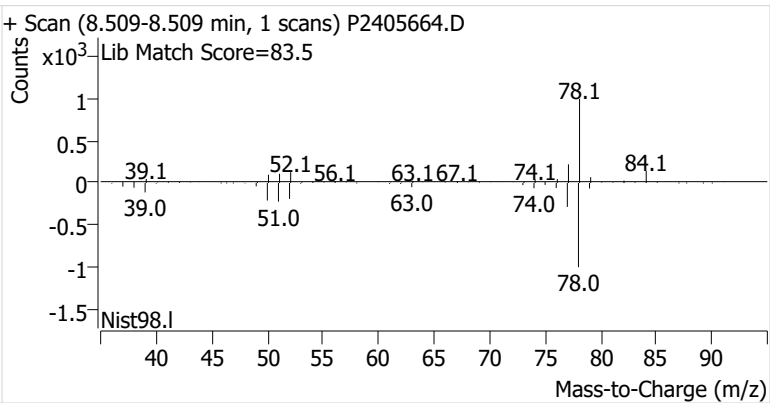
benzene-d6 (IS)



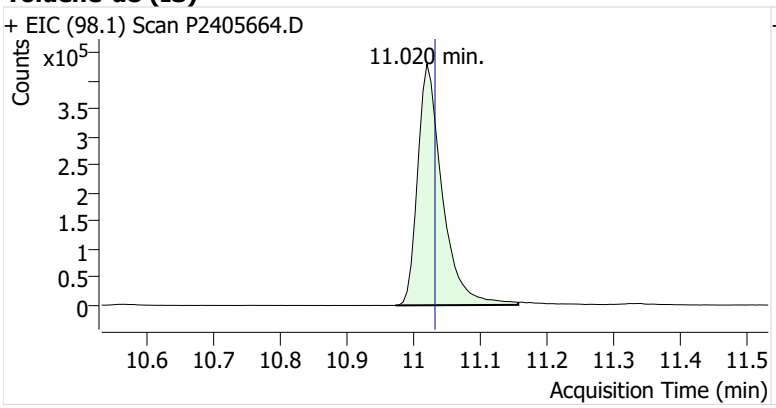


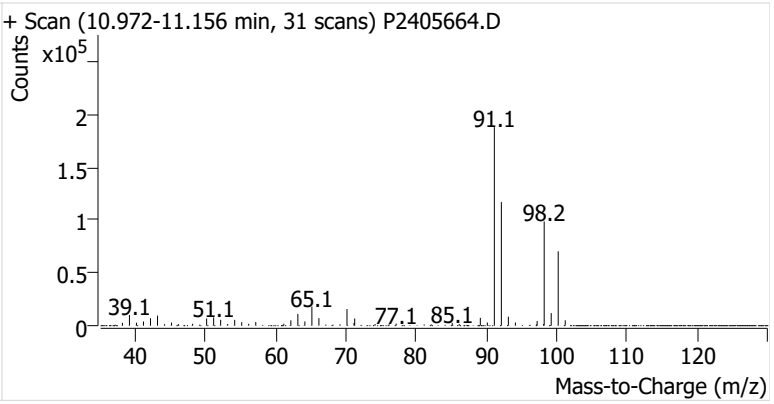
Benzene



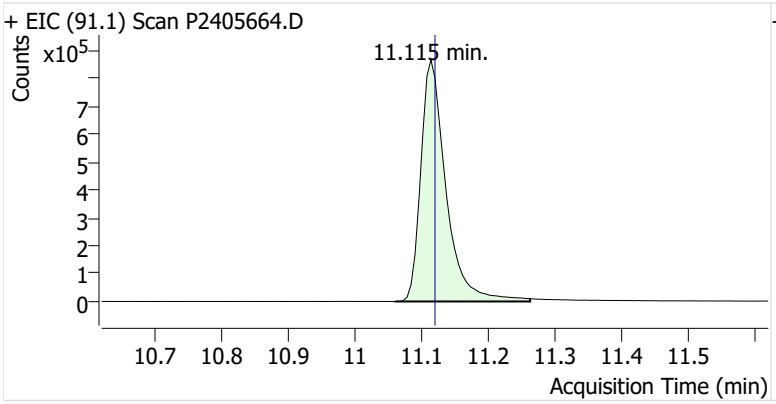


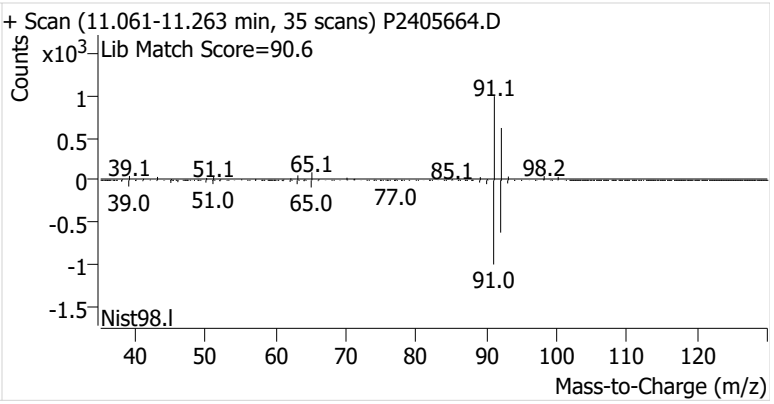
Toluene-d8 (IS)



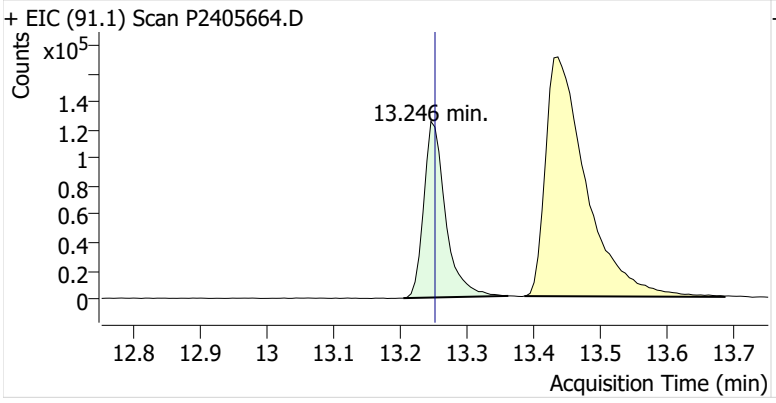


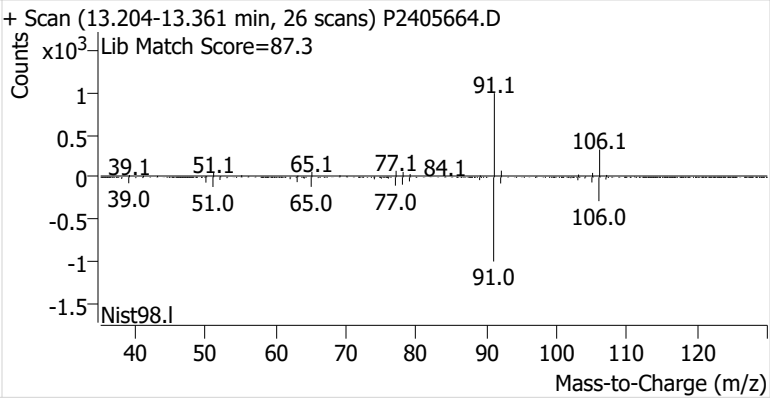
Toluene



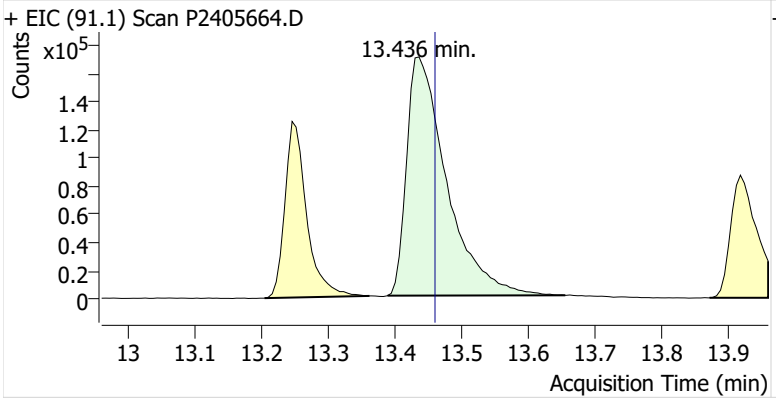


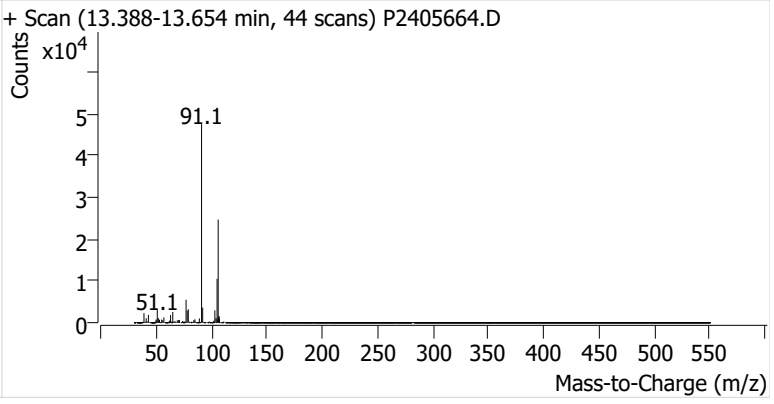
Ethylbenzene



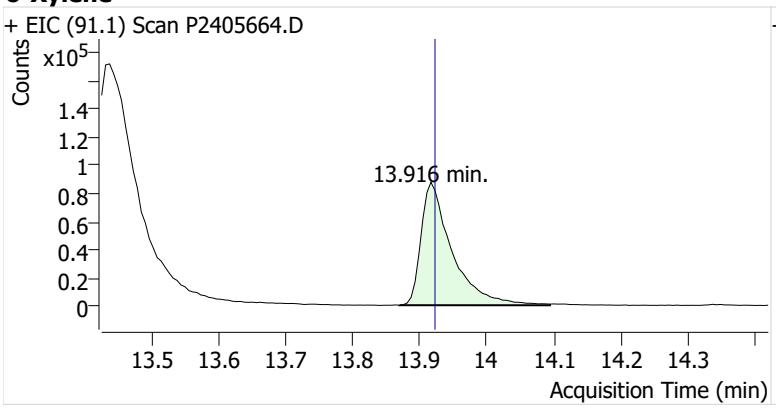


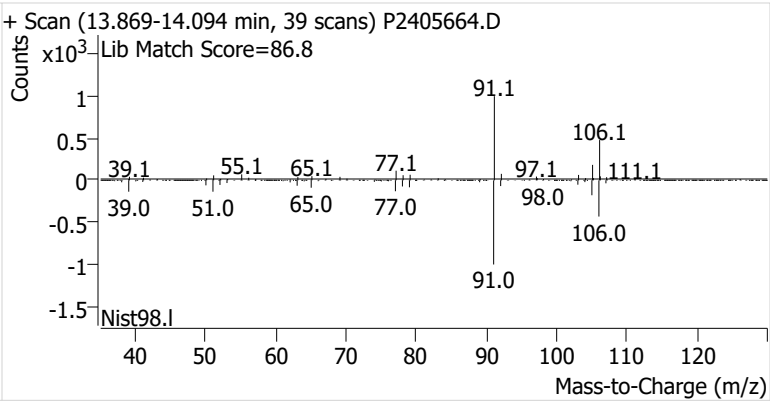
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405664.D
Counts
x10^5
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.916 min.
13.5 13.6 13.7 13.8 13.9 14 14.1 14.2 14.3
Acquisition Time (min)


+ Scan (13.869-14.094 min, 39 scans) P2405664.D
Counts
x10^3
Lib Match Score=86.8
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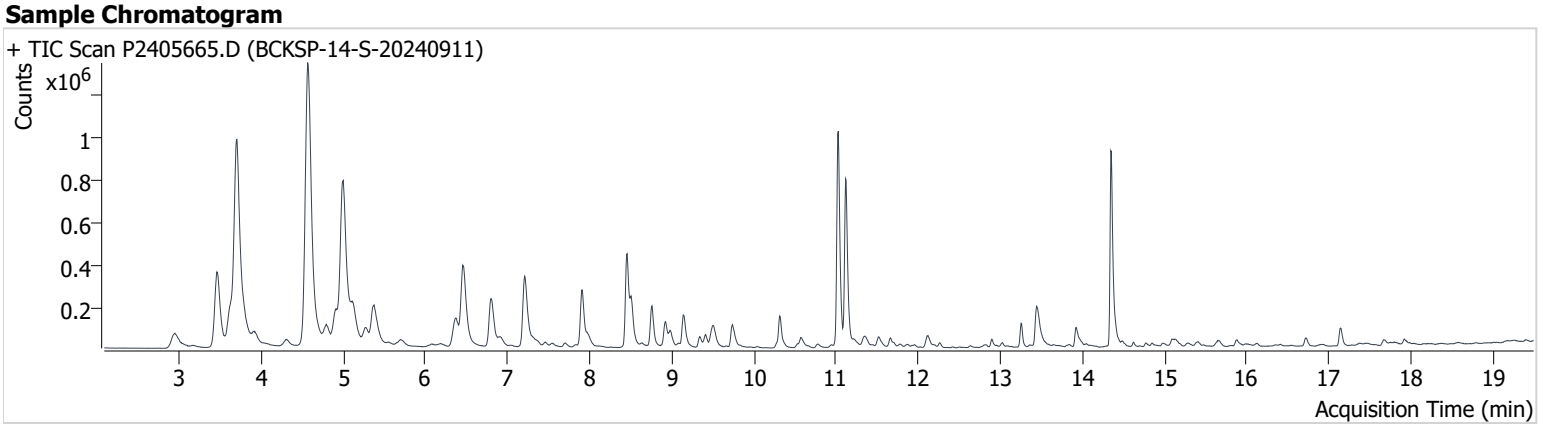
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

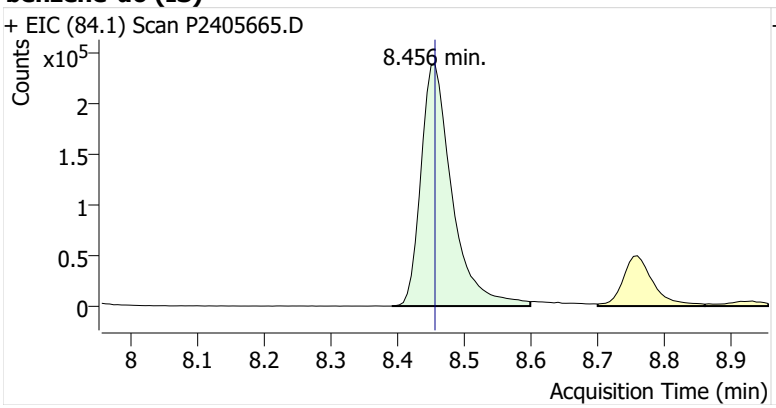
Name	BCKSP-14-S-20240911
Comment	C16074
Data File	P2405665.D
Acq. Date-Time	10/3/2024 3:52:30 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

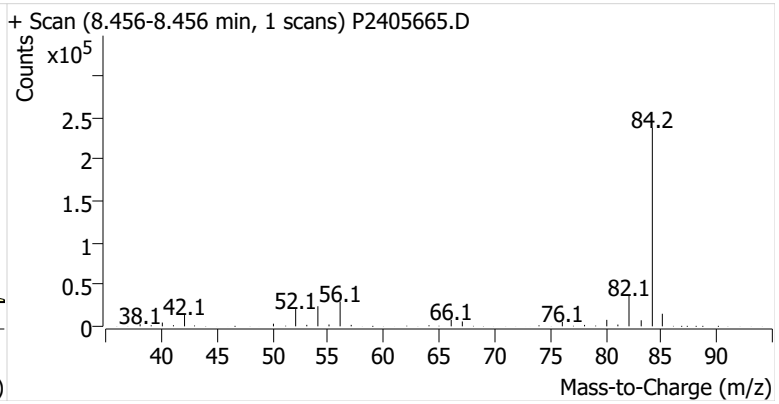
Sample Chromatogram



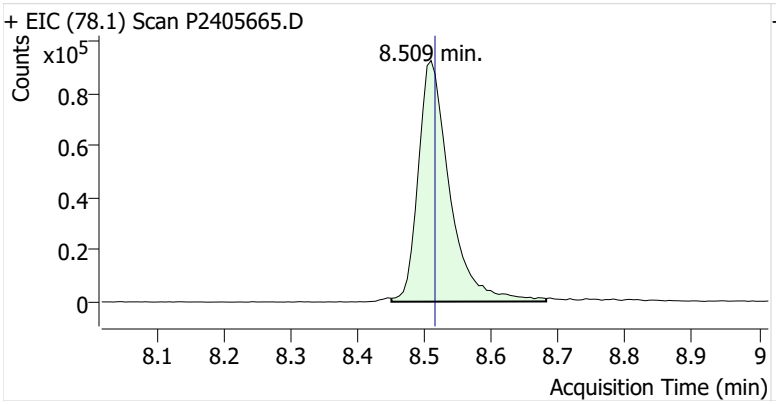
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	771,437	
Benzene	benzene-d6 (IS)	8.509	8.515	302,010	
Toluene-d8 (IS)		11.026	11.032	1,071,572	
Toluene	Toluene-d8 (IS)	11.115	11.121	887,839	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	115,585	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	292,874	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	114,143	

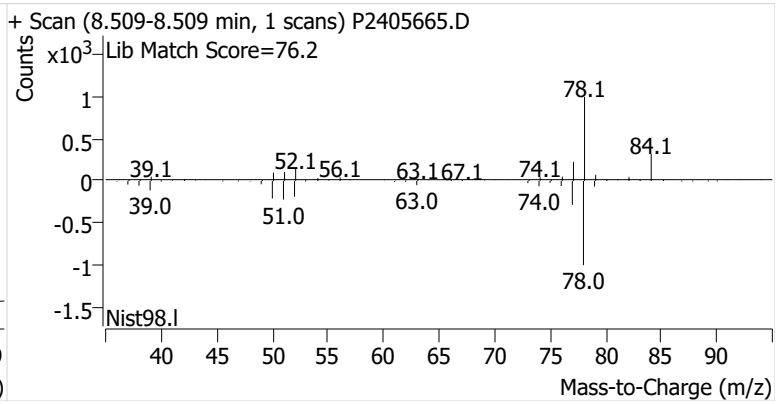
benzene-d6 (IS)



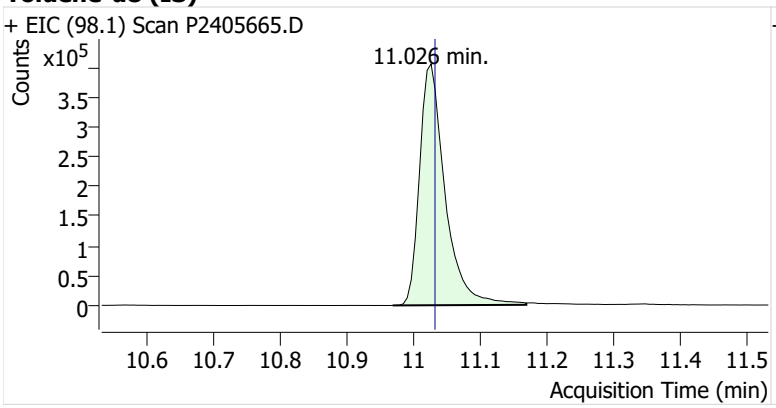


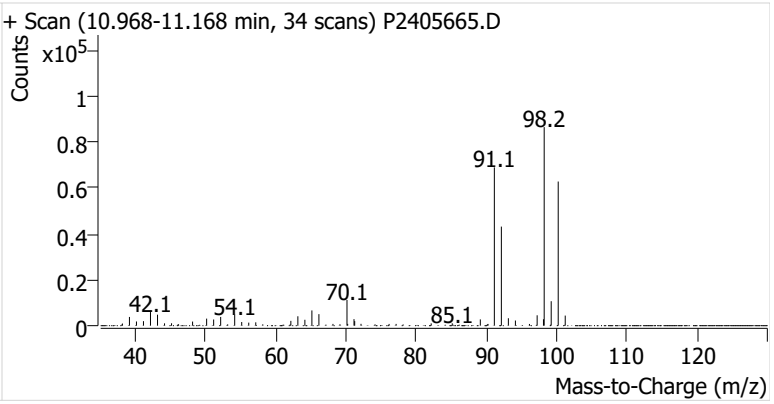
Benzene



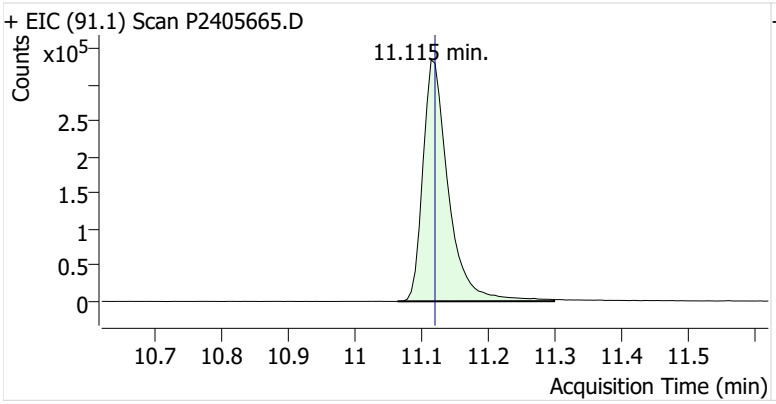


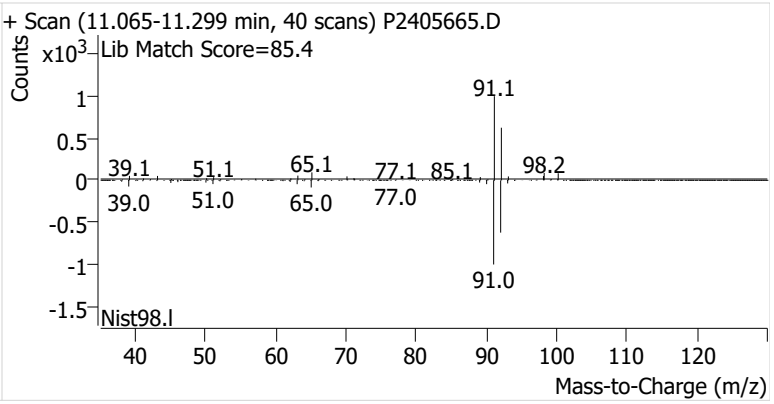
Toluene-d8 (IS)



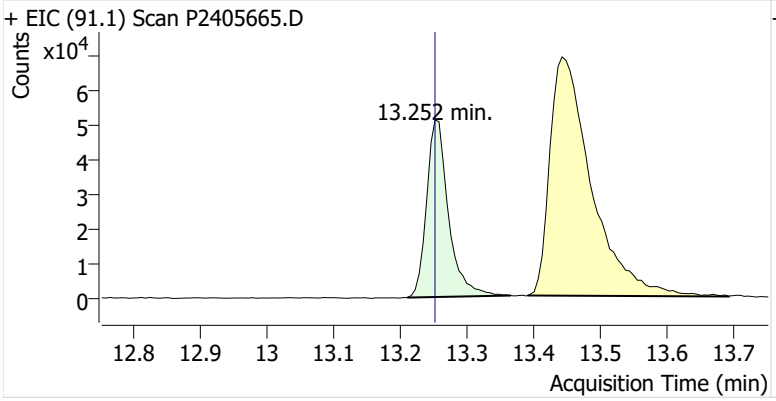


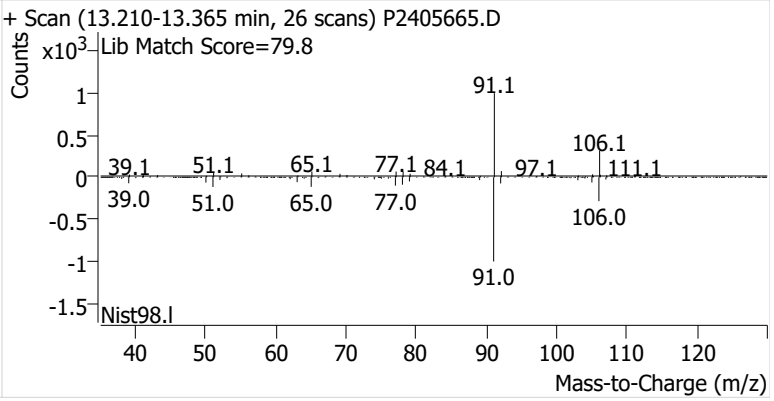
Toluene



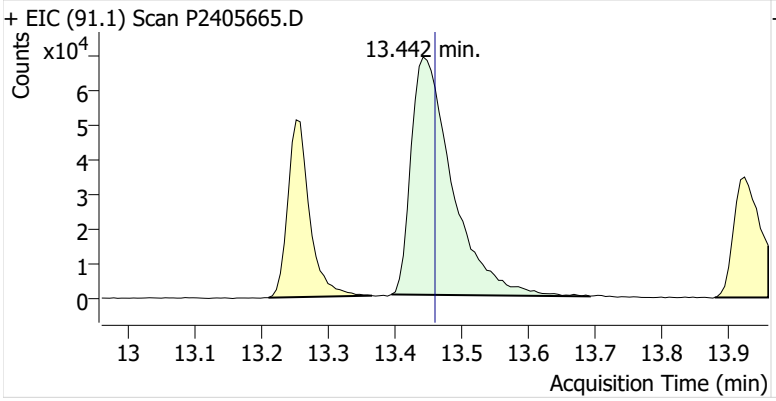


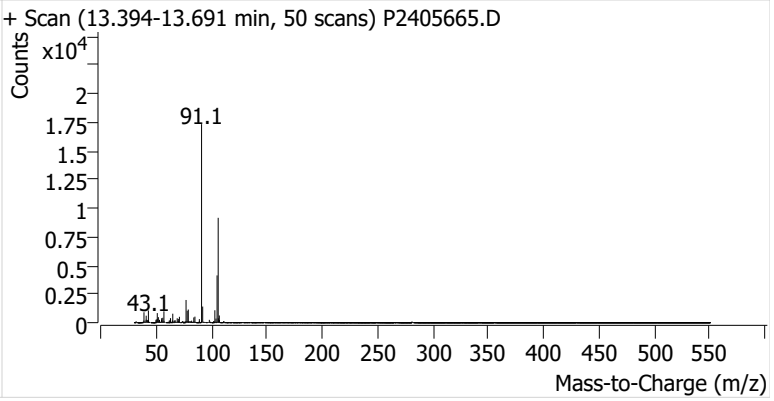
Ethylbenzene



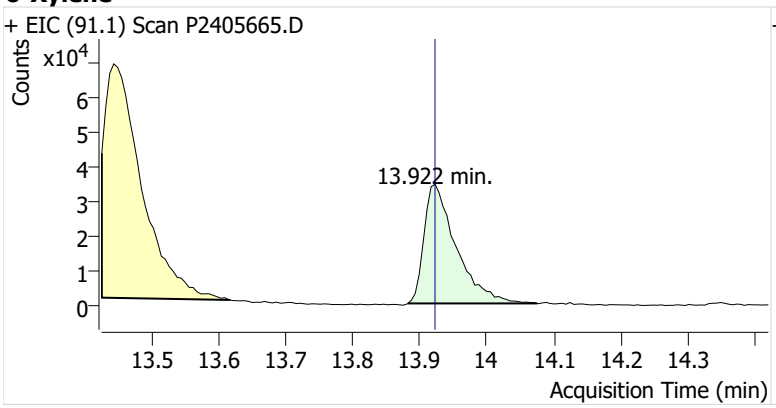


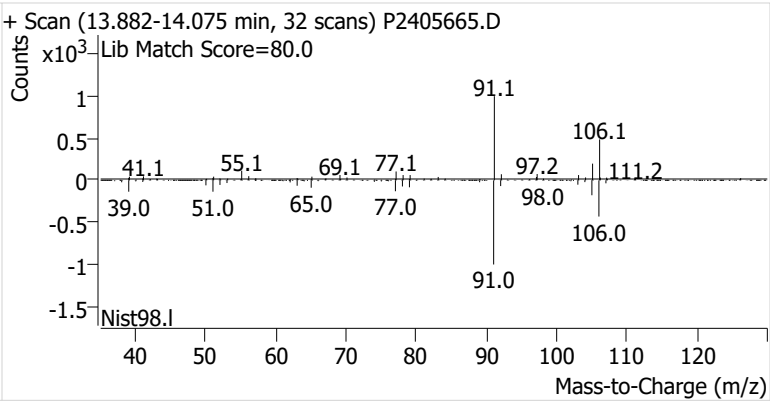
m-/p-Xylene





o-Xylene


+ EIC (91.1) Scan P2405665.D
Counts
x10^4
6
5
4
3
2
1
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)


+ Scan (13.882-14.075 min, 32 scans) P2405665.D
Counts
x10^3
Lib Match Score=80.0
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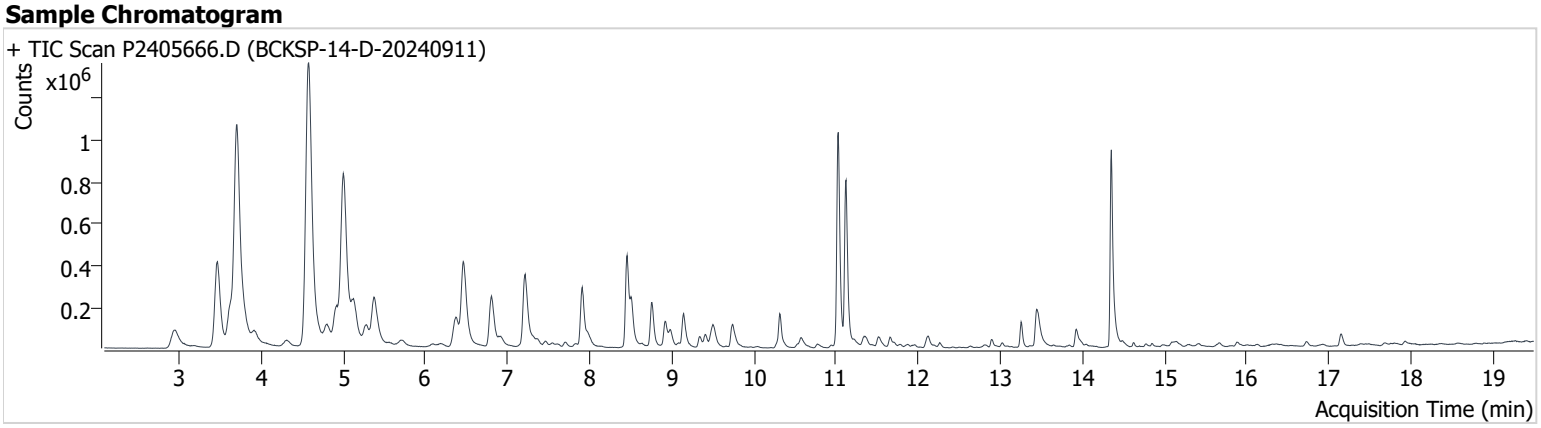
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.2
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

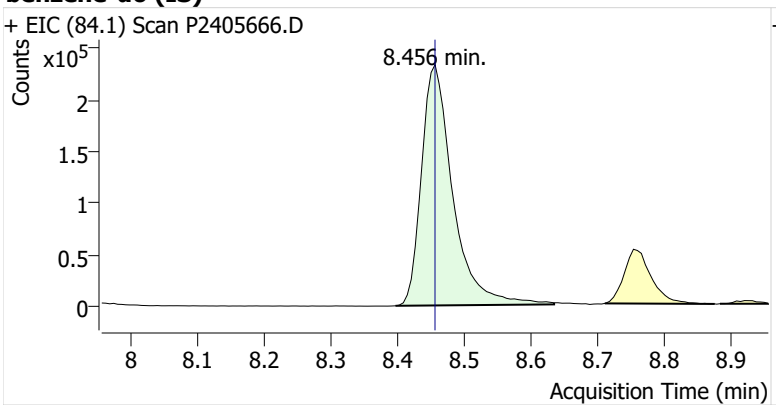
Name	BCKSP-14-D-20240911
Comment	C37490
Data File	P2405666.D
Acq. Date-Time	10/3/2024 4:29:45 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

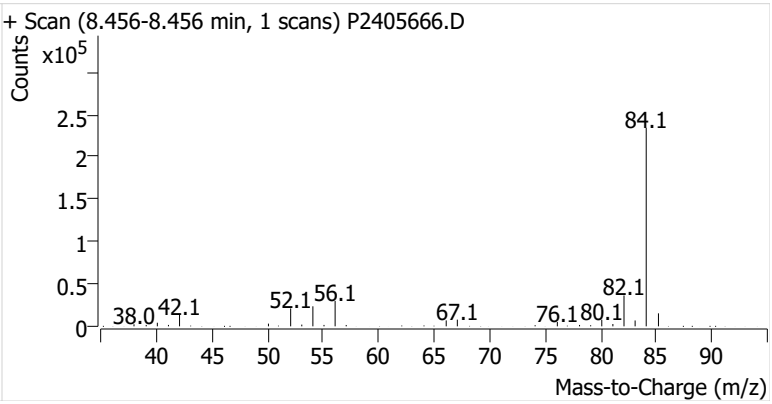
Sample Chromatogram



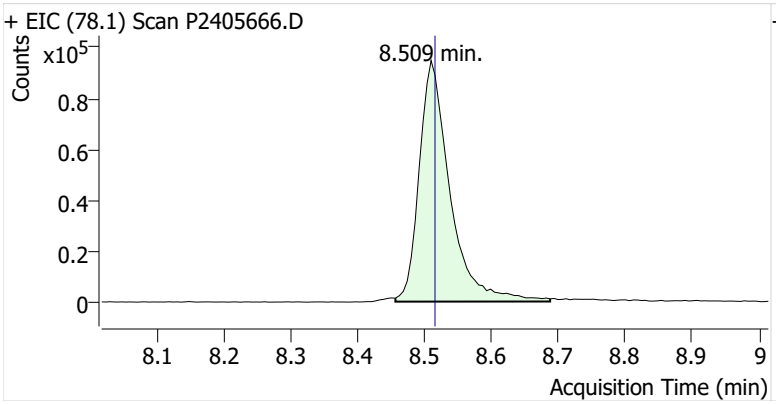
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	760,348	
Benzene	benzene-d6 (IS)	8.509	8.515	301,782	
Toluene-d8 (IS)		11.026	11.032	1,100,398	
Toluene	Toluene-d8 (IS)	11.121	11.121	912,952	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	128,251	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	292,658	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	110,851	

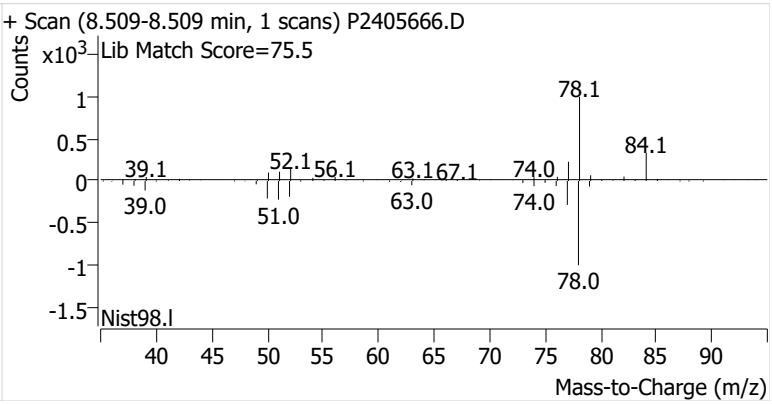
benzene-d6 (IS)



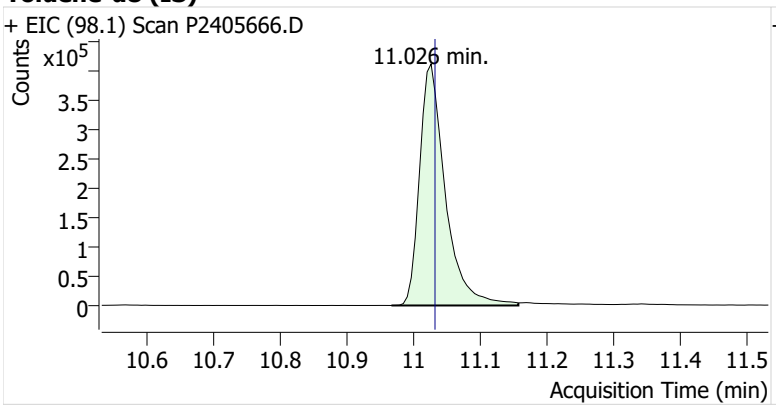


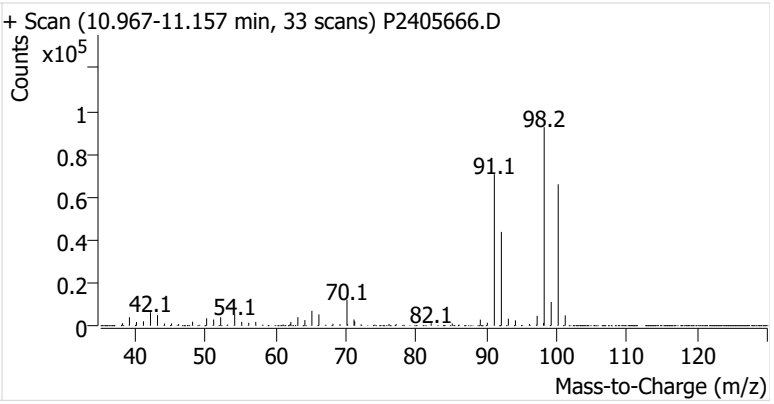
Benzene



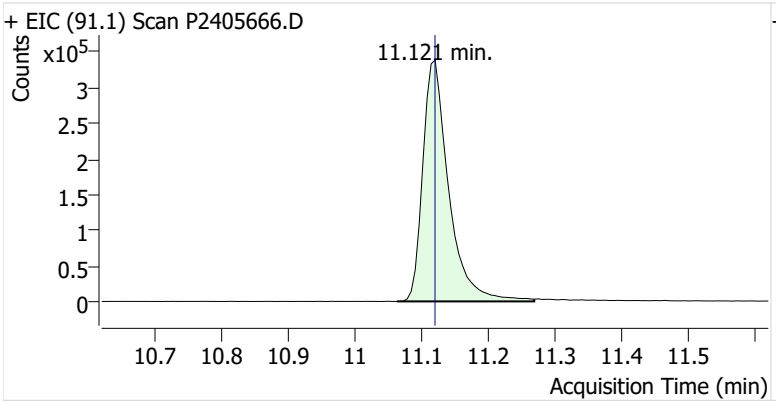


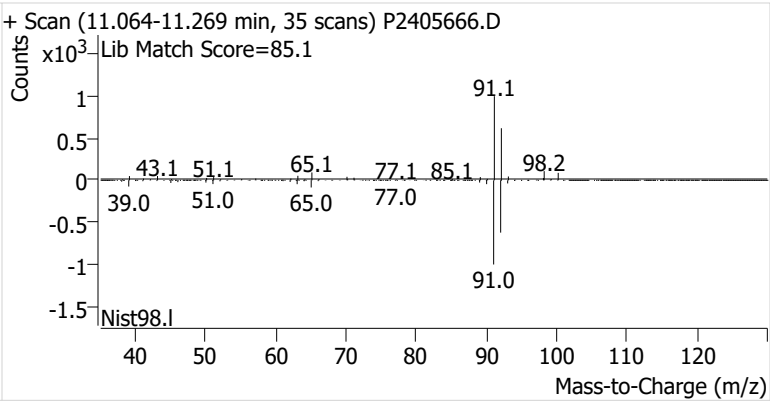
Toluene-d8 (IS)



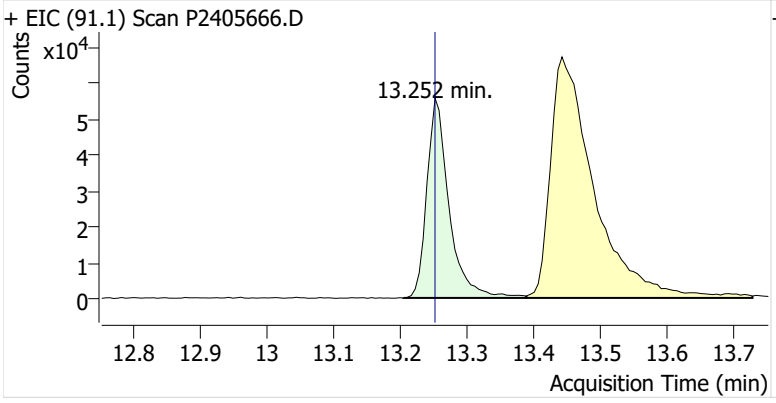


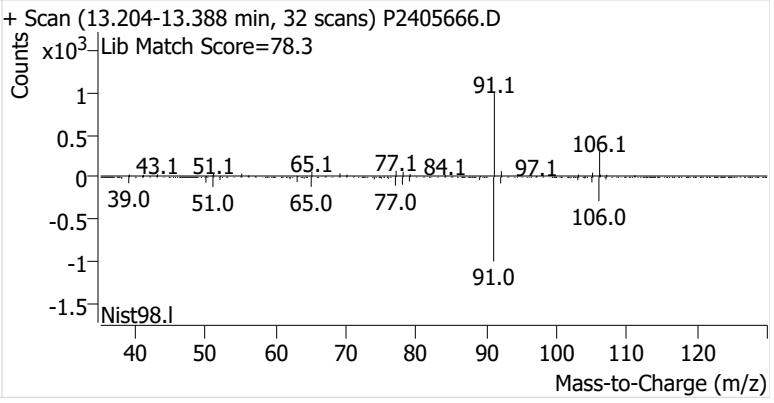
Toluene



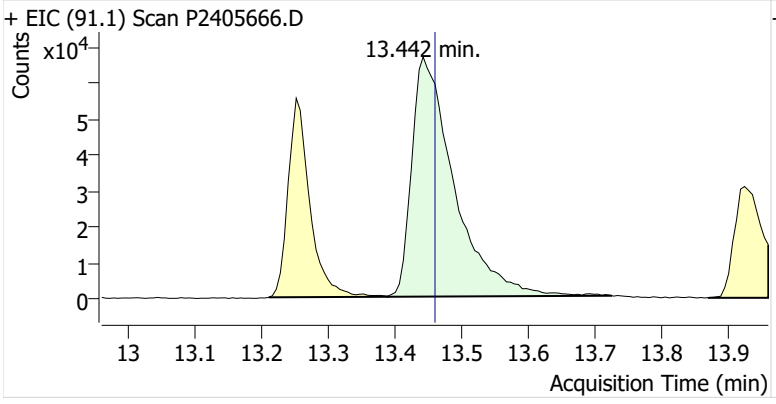


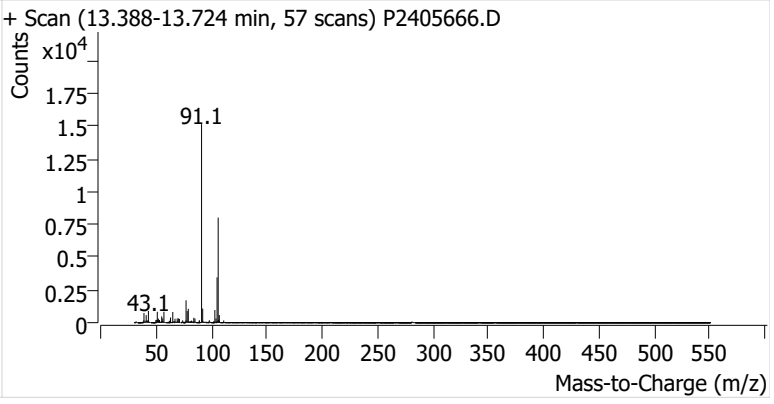
Ethylbenzene



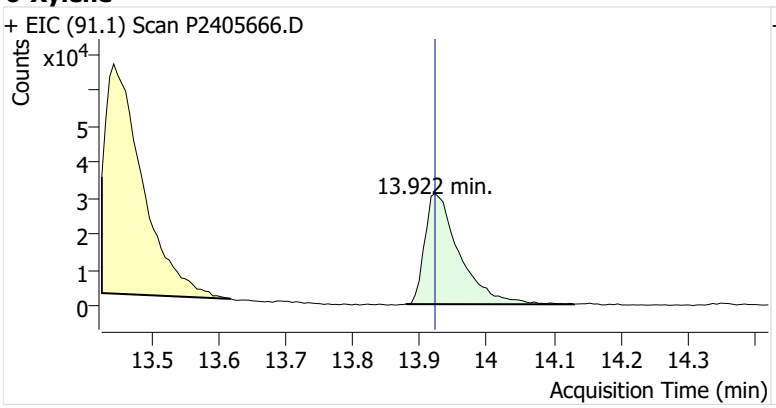


m-/p-Xylene





o-Xylene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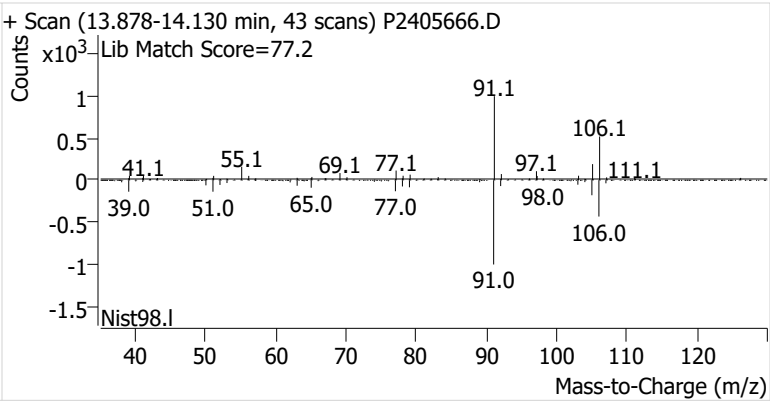
Counts
x10^4
13.922 min.
Acquisition Time (min)


+ Scan (13.878-14.130 min, 43 scans) P2405666.D
Lib Match Score=77.2
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x10^3
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106.1
41.1
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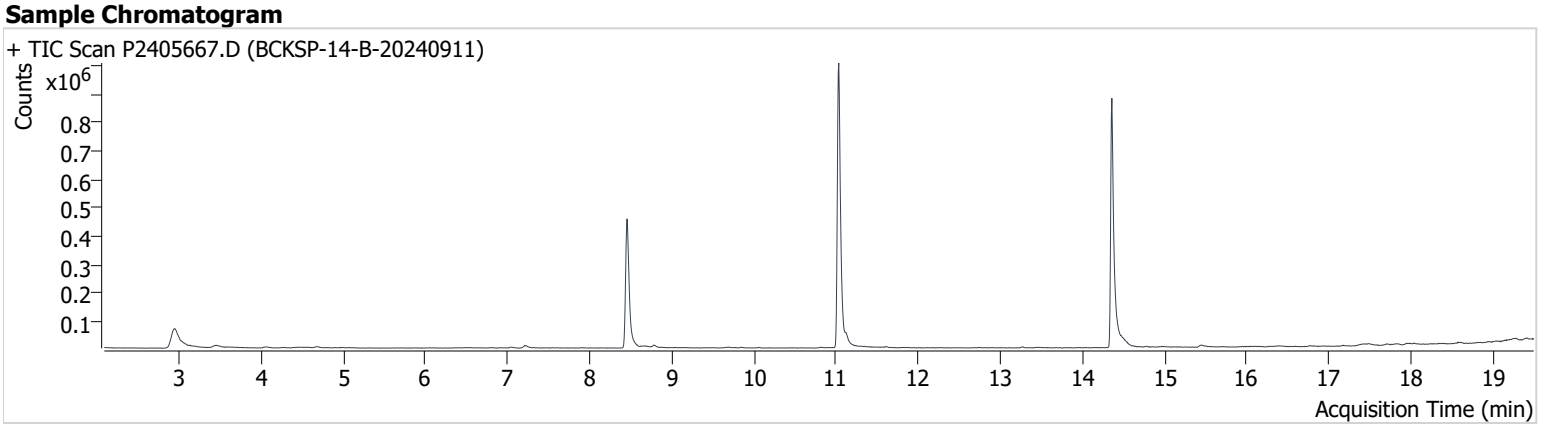
77.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

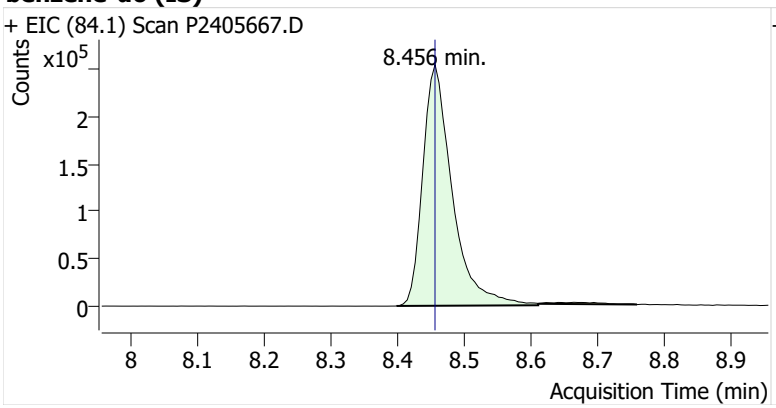
Name	BCKSP-14-B-20240911
Comment	B34796
Data File	P2405667.D
Acq. Date-Time	10/3/2024 5:07:01 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

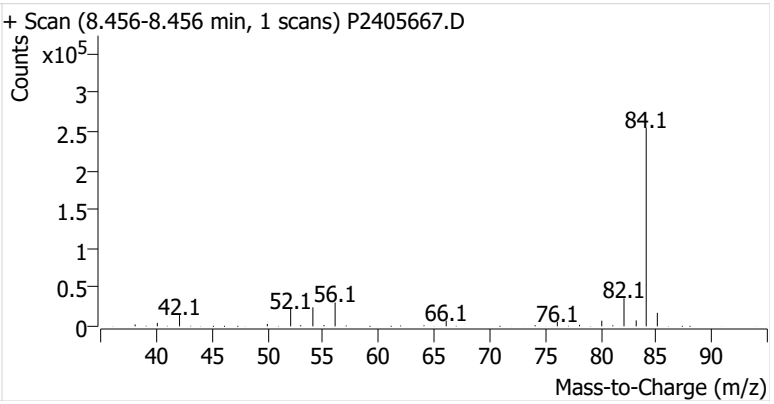
Sample Chromatogram



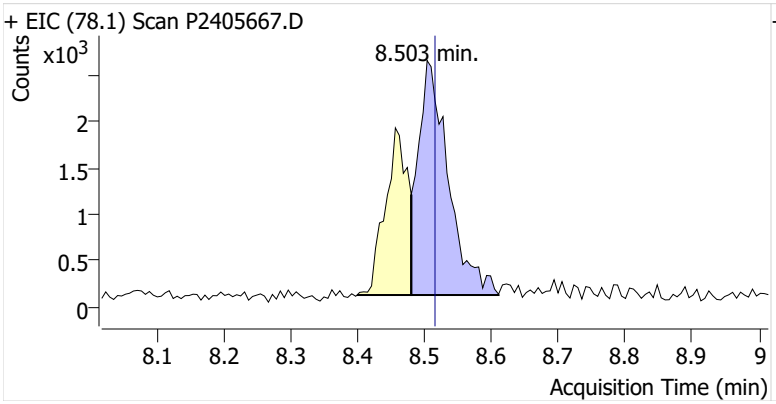
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.456	8.456	777,407	
Benzene	benzene-d6 (IS)	8.503	8.515	7,999	
Toluene-d8 (IS)		11.032	11.032	1,129,382	
Toluene	Toluene-d8 (IS)	11.121	11.121	18,732	
Ethylbenzene	Toluene-d8 (IS)	13.270	13.252	4,288	
m-/p-Xylene	Toluene-d8 (IS)	13.471	13.459	2,769	
o-Xylene	Toluene-d8 (IS)	13.928	13.922	831	

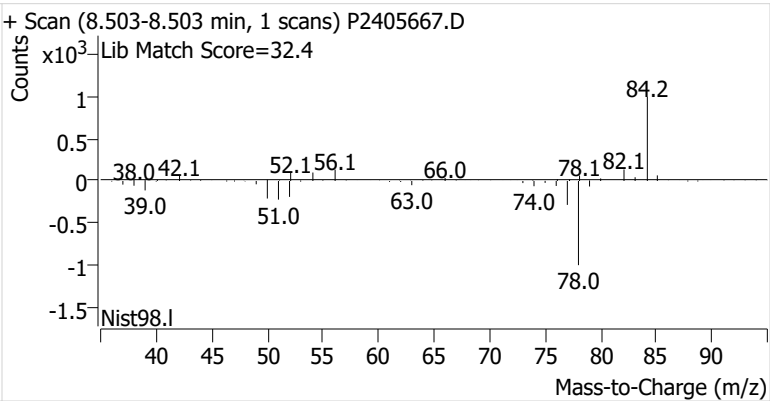
benzene-d6 (IS)



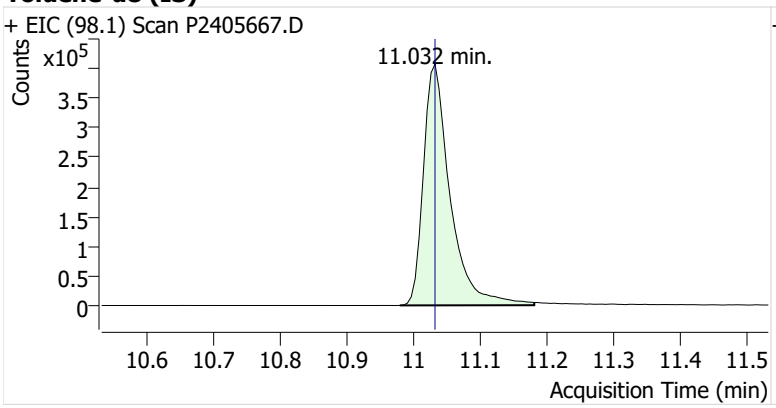


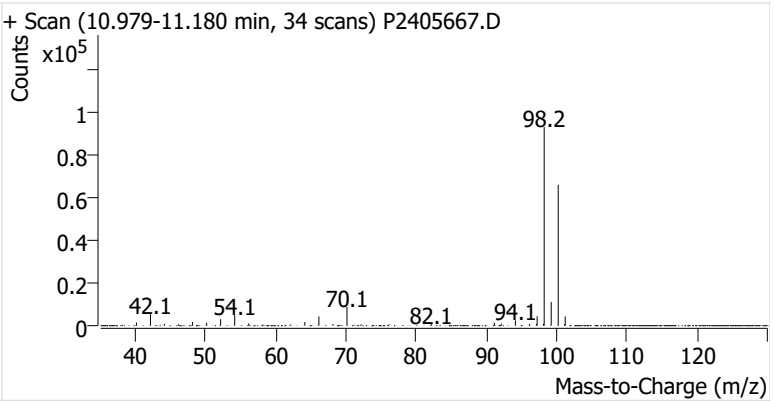
Benzene



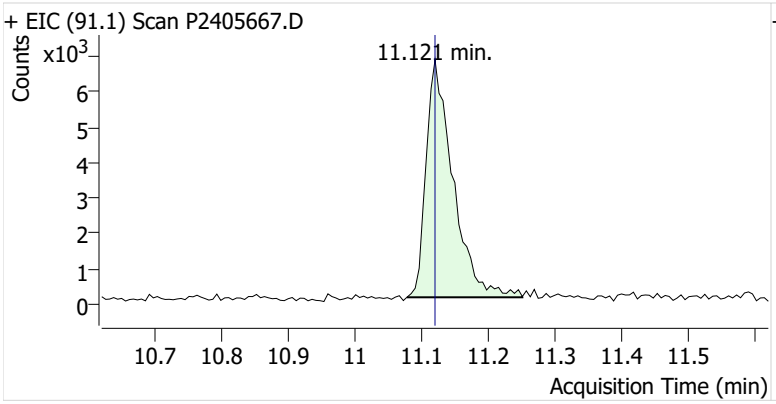


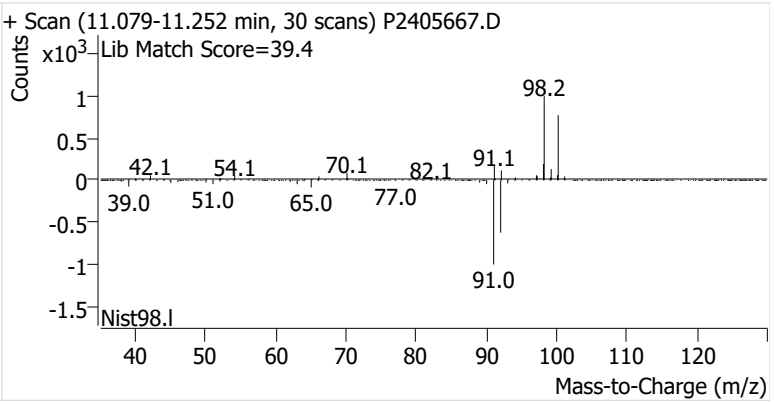
Toluene-d8 (IS)



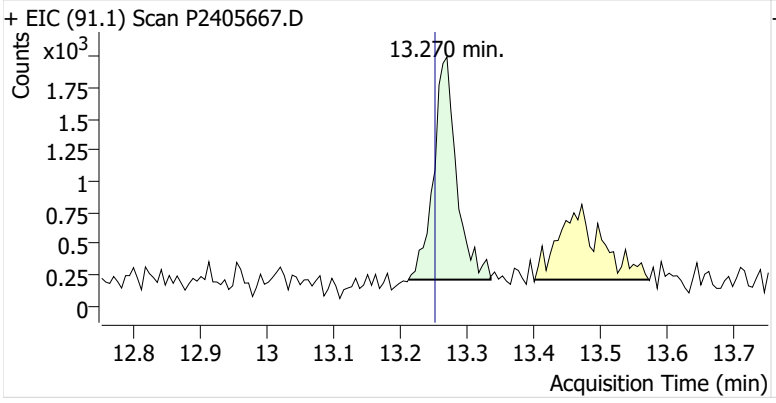


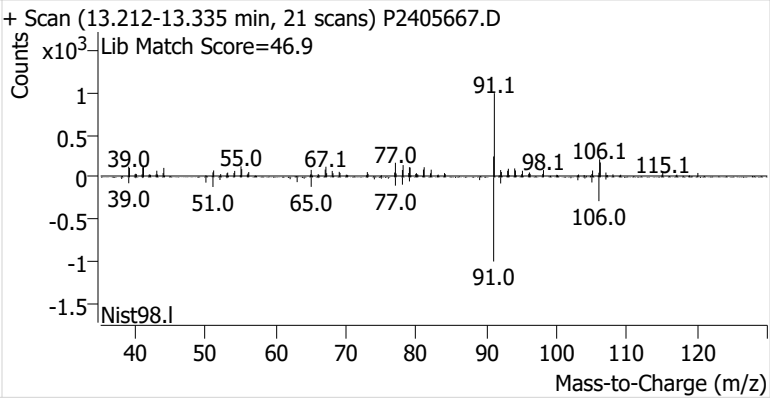
Toluene



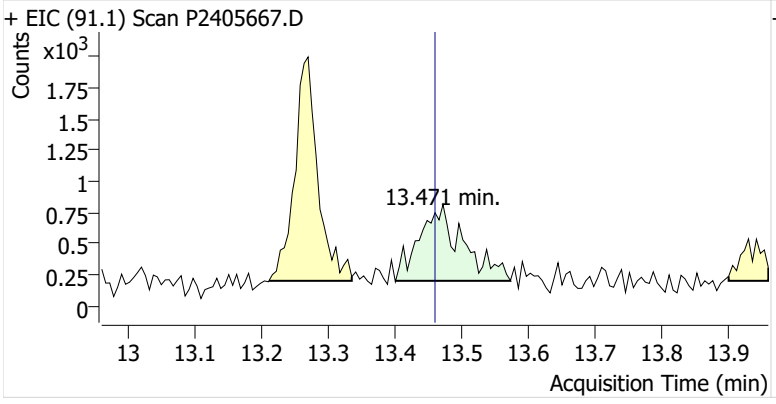


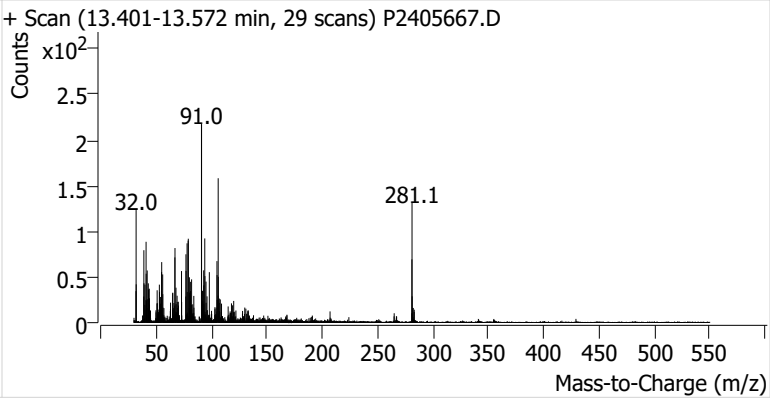
Ethylbenzene



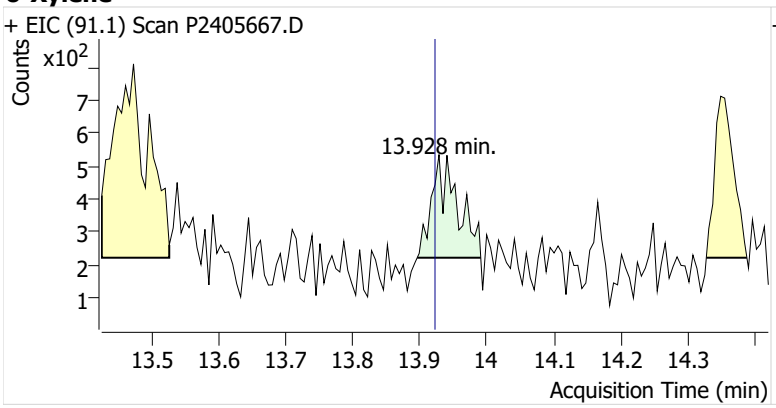


m-/p-Xylene





o-Xylene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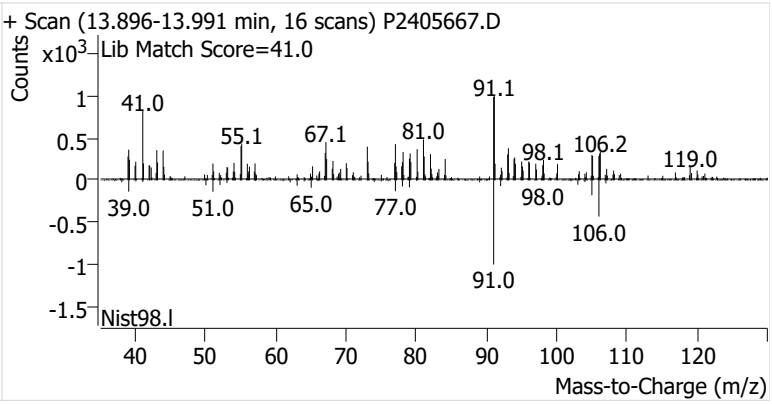
Counts
x10^2
13.928 min.
Acquisition Time (min)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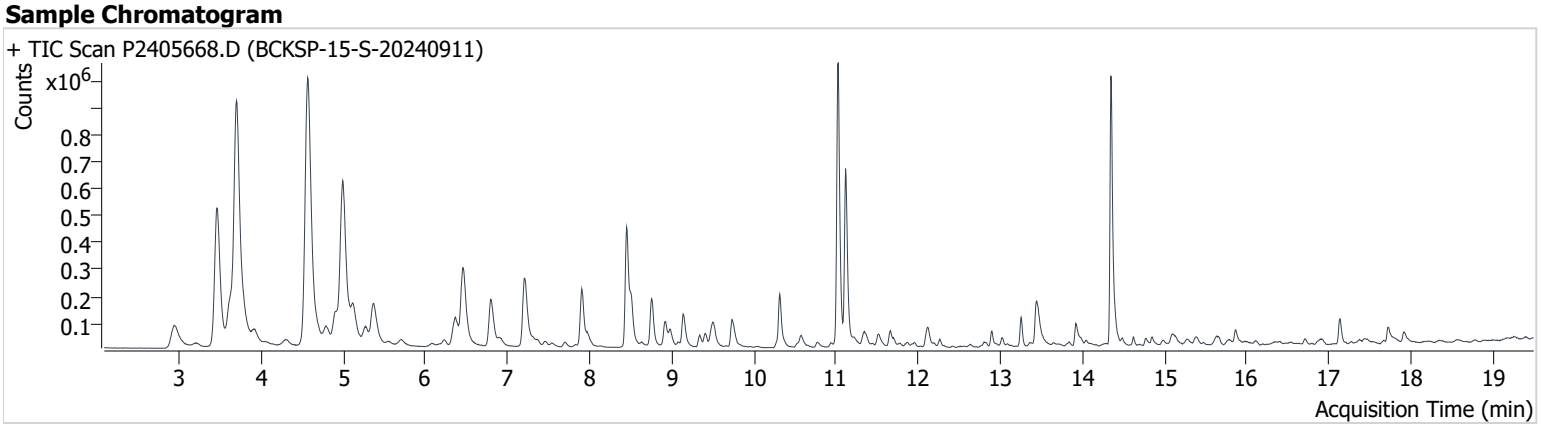
Lib Match Score=41.0
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

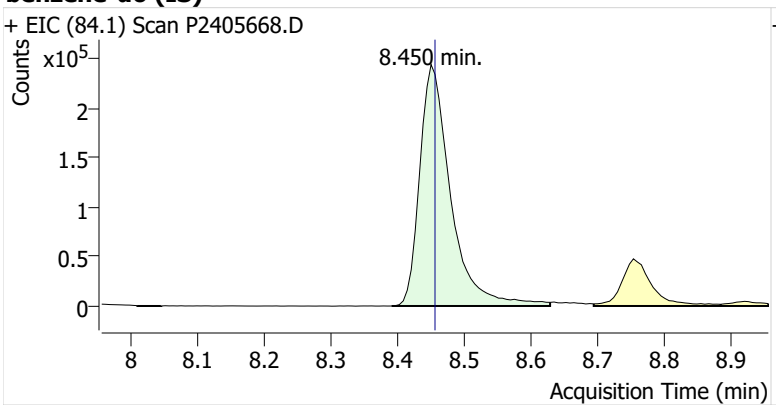
Name	BCKSP-15-S-20240911
Comment	C43616
Data File	P2405668.D
Acq. Date-Time	10/3/2024 5:44:16 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

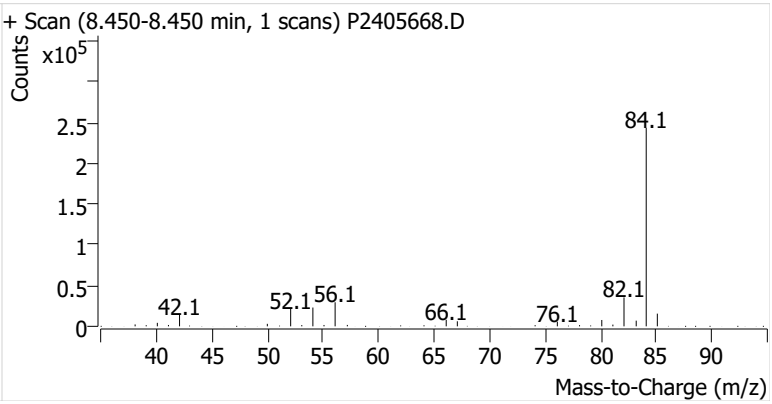
Sample Chromatogram



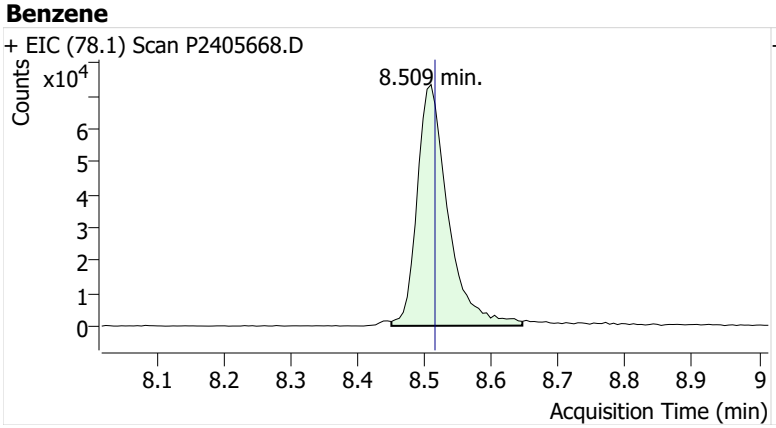
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	781,851	
Benzene	benzene-d6 (IS)	8.509	8.515	235,438	
Toluene-d8 (IS)		11.026	11.032	1,101,143	
Toluene	Toluene-d8 (IS)	11.115	11.121	716,709	
Ethylbenzene	Toluene-d8 (IS)	13.252	13.252	106,941	
m-/p-Xylene	Toluene-d8 (IS)	13.442	13.459	258,189	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	99,757	

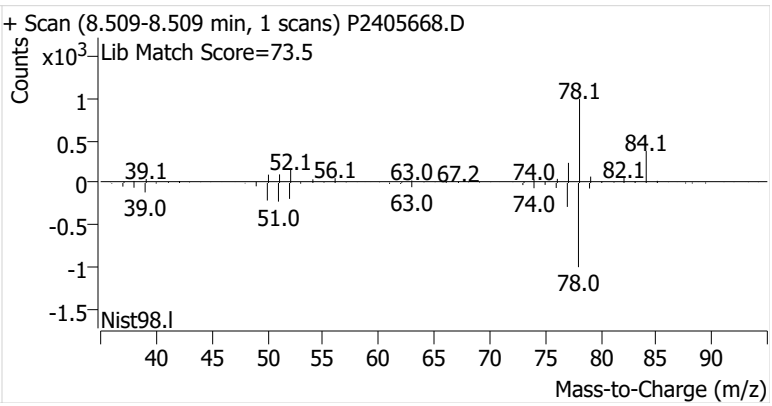
benzene-d6 (IS)



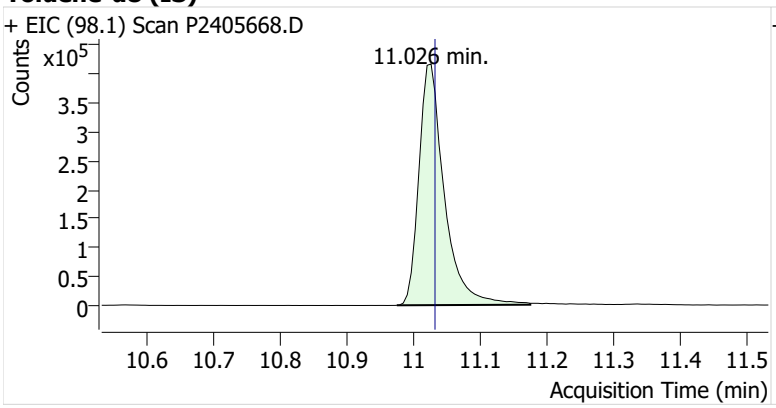


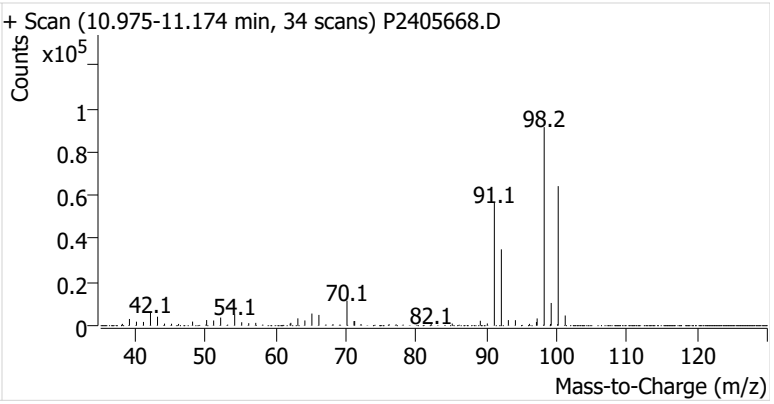
Benzene



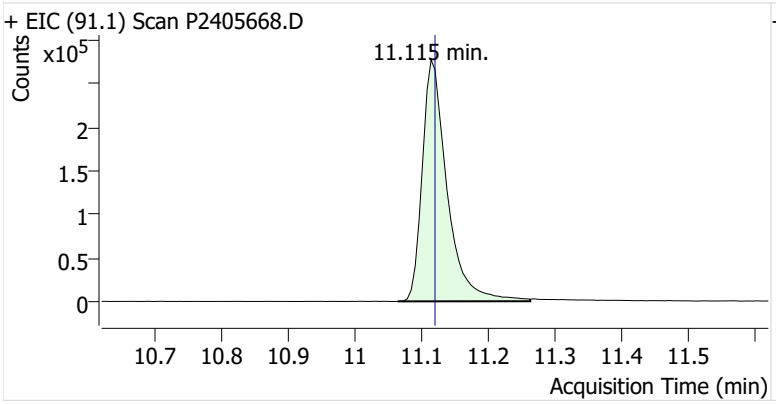


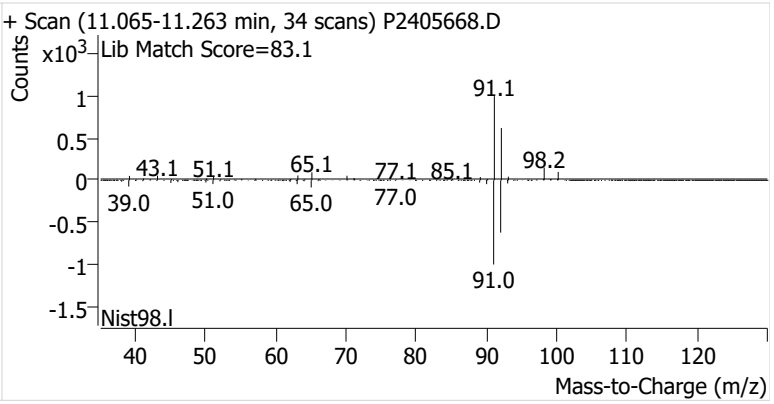
Toluene-d8 (IS)



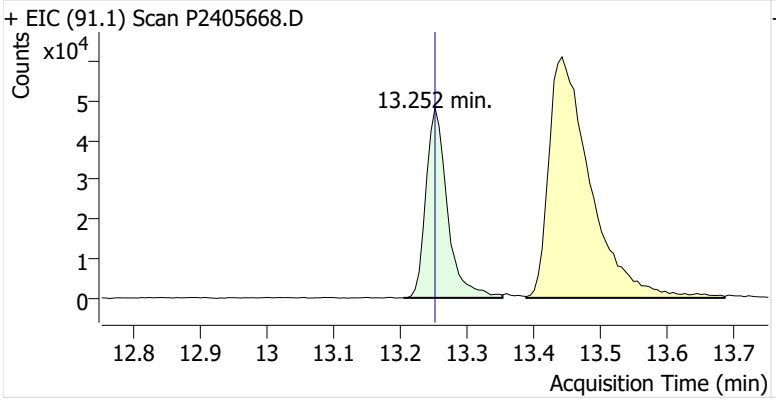


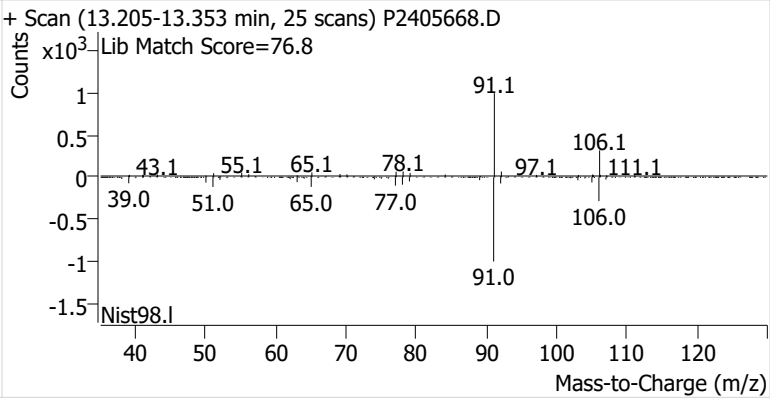
Toluene



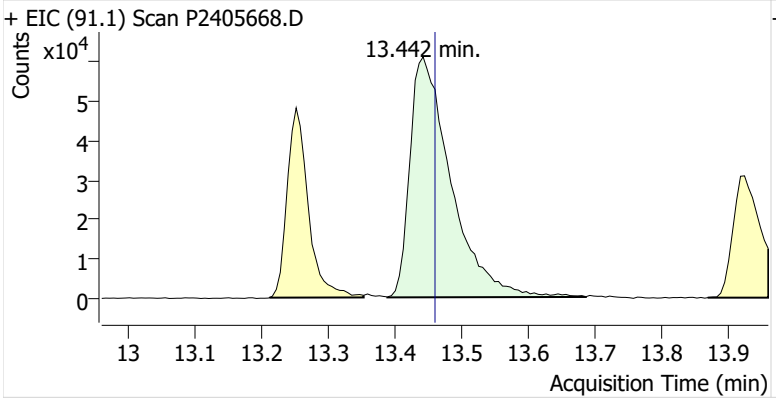


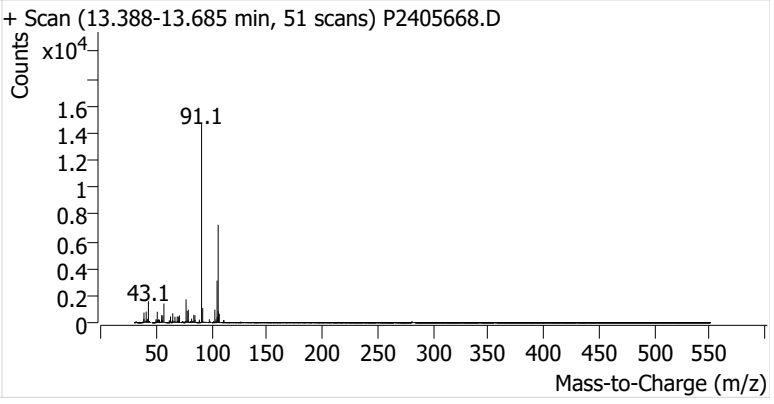
Ethylbenzene



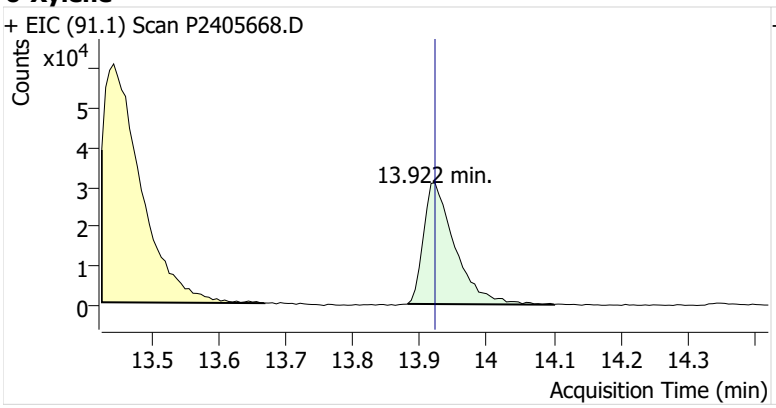


m-/p-Xylene





o-Xylene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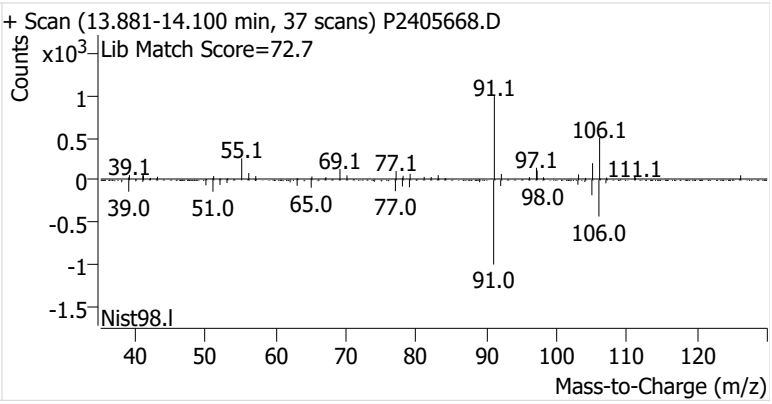
Counts
x10^4
5
4
3
2
1
0
13.922 min.
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
14.3
Acquisition Time (min)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Lib Match Score=72.7
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-0.5
-1
-1.5
91.1
106.1
55.1
39.1
69.1
77.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
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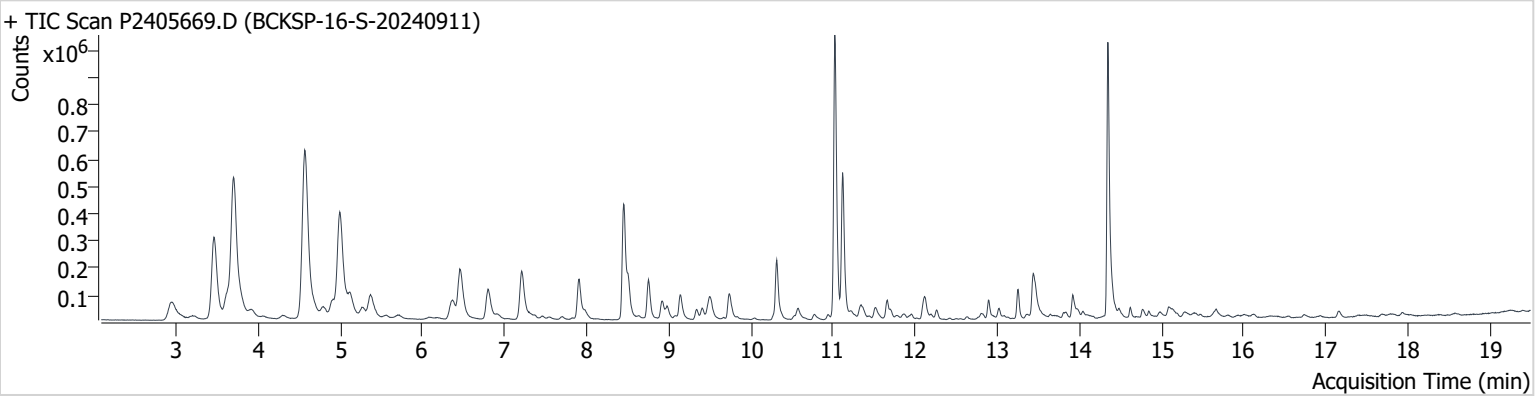
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

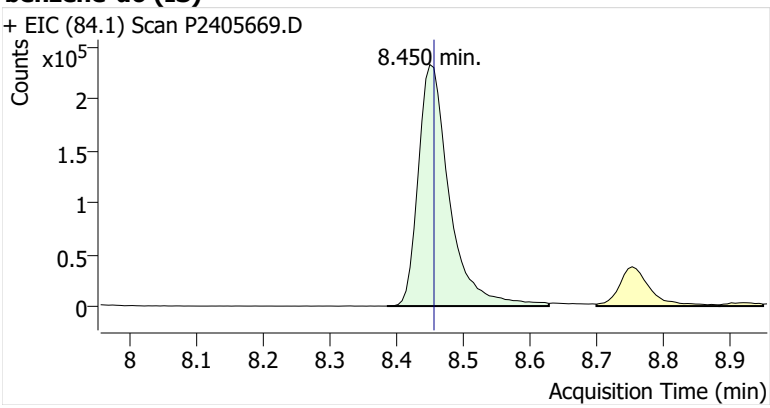
Name	BCKSP-16-S-20240911
Comment	B38581
Data File	P2405669.D
Acq. Date-Time	10/3/2024 6:21:31 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

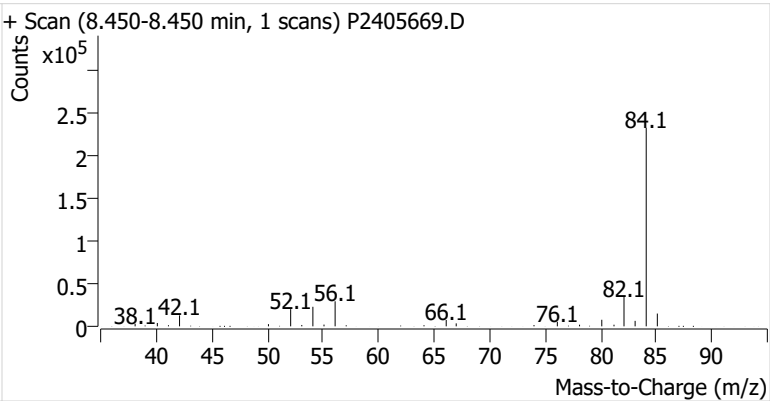
Sample Chromatogram



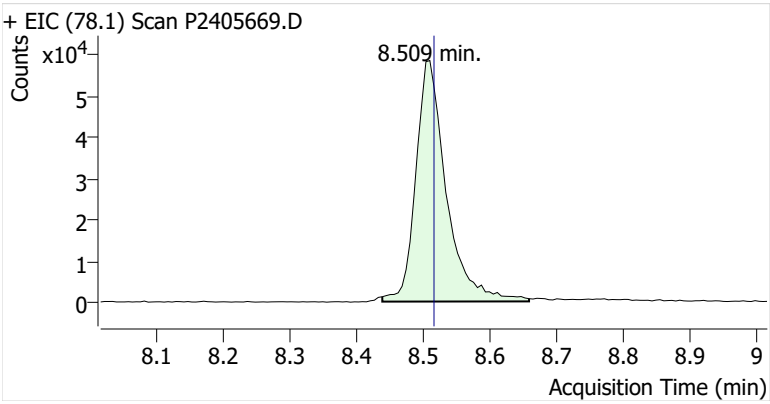
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.450	8.456	753,915	
Benzene	benzene-d6 (IS)	8.509	8.515	185,671	
Toluene-d8 (IS)		11.020	11.032	1,070,920	
Toluene	Toluene-d8 (IS)	11.115	11.121	572,458	
Ethylbenzene	Toluene-d8 (IS)	13.251	13.252	105,564	
m-/p-Xylene	Toluene-d8 (IS)	13.435	13.459	247,131	
o-Xylene	Toluene-d8 (IS)	13.922	13.922	98,457	

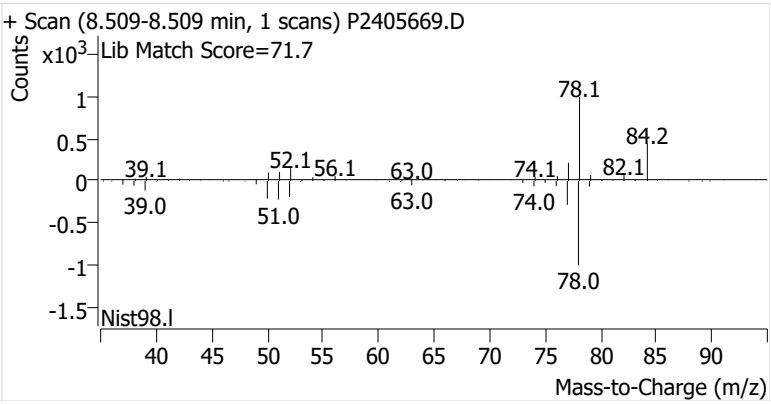
benzene-d6 (IS)



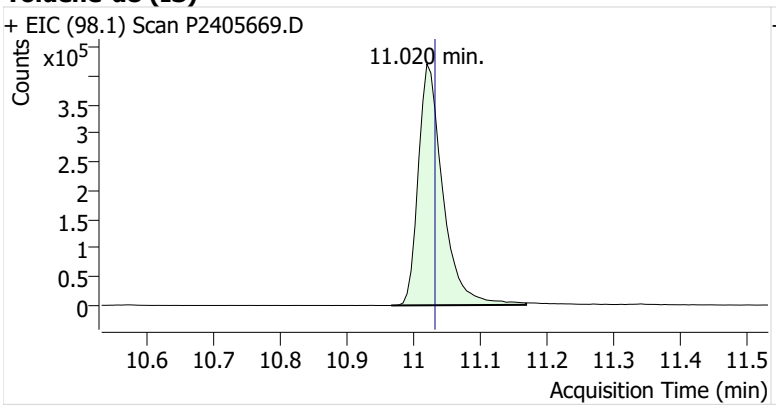


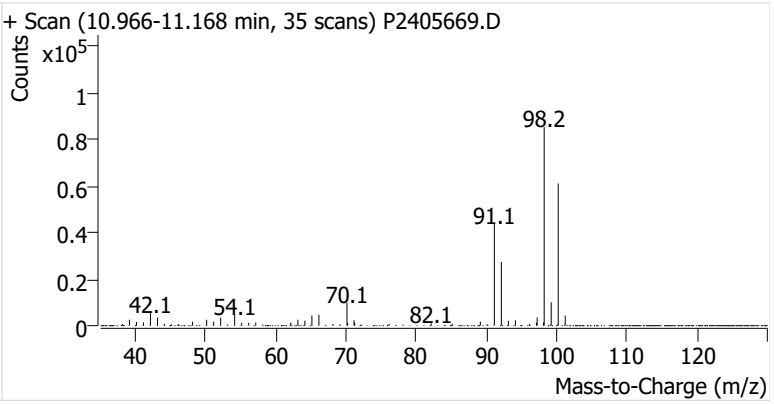
Benzene



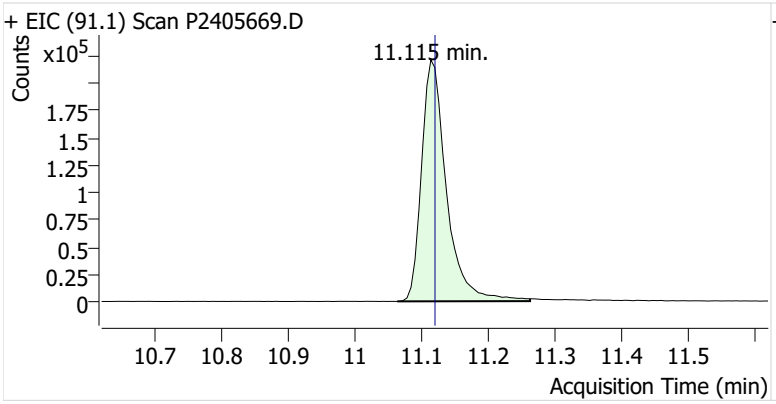


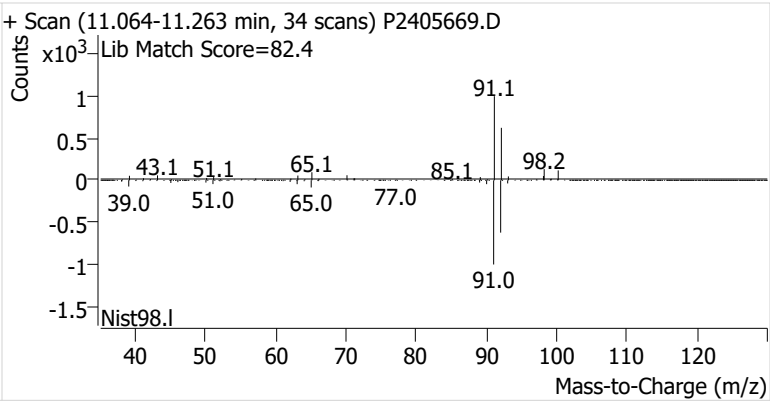
Toluene-d8 (IS)



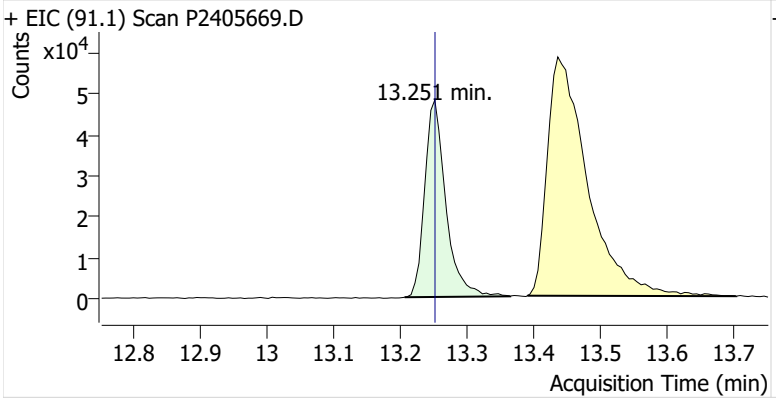


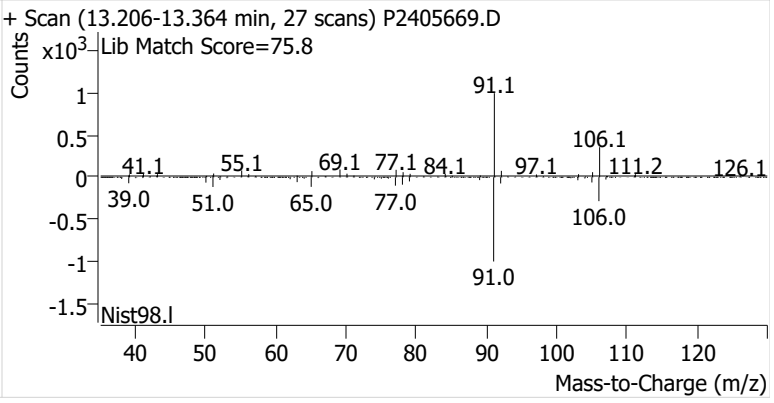
Toluene



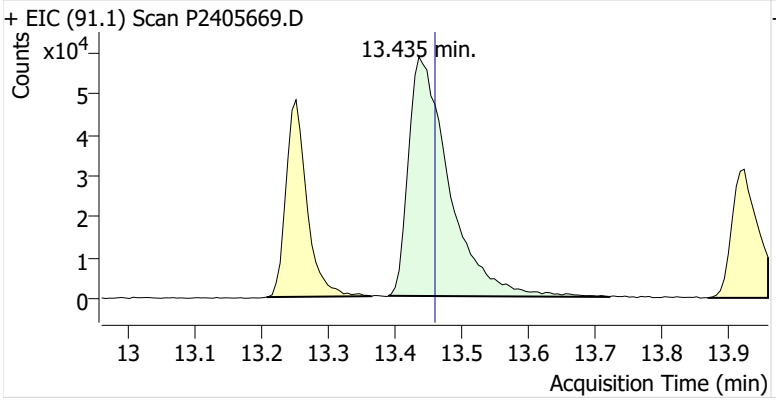


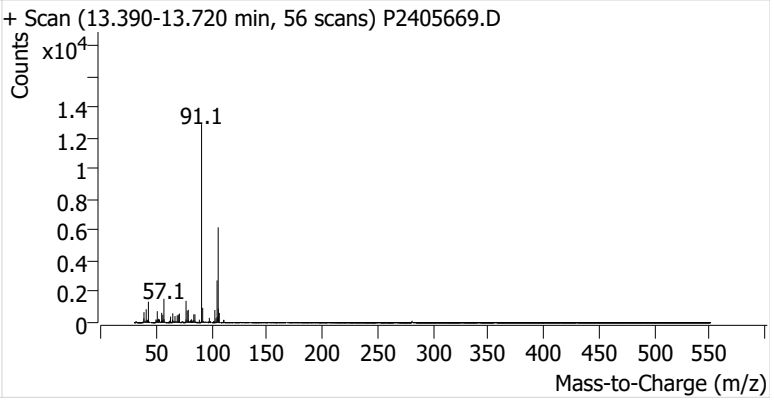
Ethylbenzene



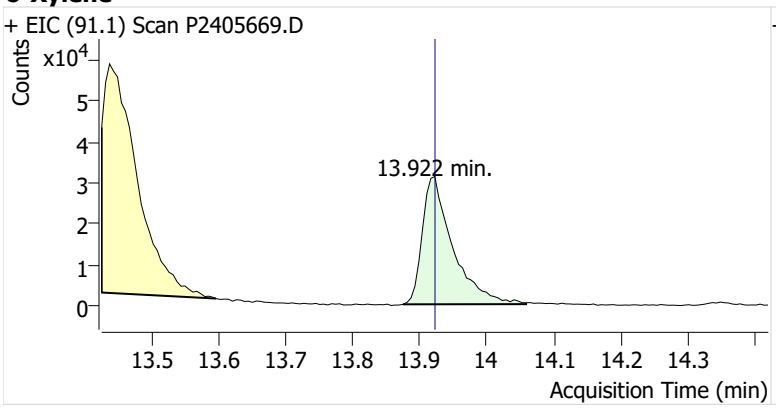


m-/p-Xylene





o-Xylene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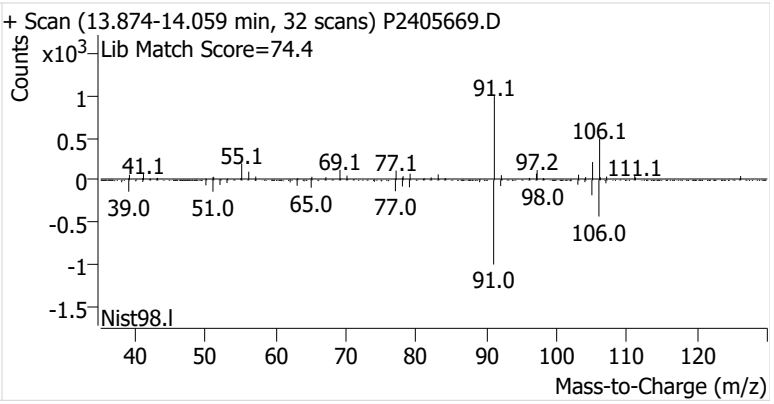
Counts
x10^4
13.922 min.
Acquisition Time (min)


+ Scan (13.874-14.059 min, 32 scans) P2405669.D
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x10^3
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106.1
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69.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

Calibration Summary Reports

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

Benzene Calibration and Blanks

Sample Code	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/ Fail	Flags
M325B CCV 5	Cal	0.934	0.979	0.934	-4.6%	0.22%		Pass	
2024GD304_Method Blank	Blank		0.979	0.934			-3.4%	Pass	ND
M325B CCV 5	Check	0.917	0.979	0.934	-6.4%		2.6%	Pass	
M325B CCV 5	Check	0.929	0.979	0.934	-5.1%		1.6%	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	0.888	0.951	0.888	-6.6%	-0.80%		Pass	
2024GD304_Method Blank	Blank		0.951	0.888			-3.8%	Pass	ND
M325B CCV 5	Check	0.924	0.951	0.888	-2.8%		0.88%	Pass	
M325B CCV 5	Check	0.932	0.951	0.888	-2.0%		0.49%	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	0.609	0.677	0.609	-10%	-0.80%		Pass	
2024GD304_Method Blank	Blank		0.677	0.609			-3.8%	Pass	ND
M325B CCV 5	Check	0.650	0.677	0.609	-3.9%		0.88%	Pass	
M325B CCV 5	Check	0.603	0.677	0.609	-11%		0.49%	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	0.660	0.720	0.660	-8.3%	-0.80%		Pass	
2024GD304_Method Blank	Blank		0.720	0.660			-3.8%	Pass	ND
M325B CCV 5	Check	0.705	0.720	0.660	-2.2%		0.88%	Pass	
M325B CCV 5	Check	0.685	0.720	0.660	-4.9%		0.49%	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	0.849	0.898	0.849	-5.5%	-0.80%		Pass	
2024GD304_Method Blank	Blank		0.898	0.849			-3.8%	Pass	ND
M325B CCV 5	Check	0.863	0.898	0.849	-3.9%		0.88%	Pass	
M325B CCV 5	Check	0.864	0.898	0.849	-3.8%		0.49%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

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.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

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.: 2024GD304-1 EPA Method 325B Analysis

Client No.: PROJ-031334 Site: Buckeye - South Portland

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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