

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013468.D
 Acq On : 26 Apr 2023 13:09
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Title : SW846 8260

Signal : TIC: VY013468.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	60	65	75	rBV3	11331	22740	2.16%	0.220%
2	3.954	343	350	362	rBV2	4364	14838	1.41%	0.144%
3	4.710	462	474	488	rBV2	31910	103646	9.84%	1.004%
4	5.753	633	645	655	rVB4	11041	36423	3.46%	0.353%
5	7.716	956	967	973	rBV	149349	359254	34.12%	3.481%
6	7.789	973	979	990	rVB	228911	516788	49.08%	5.007%
7	8.143	1025	1037	1051	rBV	158137	361572	34.34%	3.503%
8	8.685	1115	1126	1140	rBV	368361	731951	69.52%	7.092%
9	9.746	1292	1300	1307	rBV2	9060	19904	1.89%	0.193%
10	10.179	1364	1371	1378	rVV	584131	1010911	96.01%	9.795%
11	10.240	1378	1381	1388	rVB	11681	20914	1.99%	0.203%
12	10.368	1394	1402	1412	rVB3	11163	21117	2.01%	0.205%
13	10.575	1430	1436	1440	rBV	7572	12633	1.20%	0.122%
14	11.276	1546	1551	1558	rVB5	9307	19643	1.87%	0.190%
15	11.380	1561	1568	1573	rBV4	10136	20657	1.96%	0.200%
16	11.490	1578	1586	1596	rVV	574715	955342	90.73%	9.256%
17	11.587	1596	1602	1611	rVB	71534	125899	11.96%	1.220%
18	11.697	1611	1620	1630	rBV	151861	310516	29.49%	3.009%
19	12.026	1664	1674	1681	rBV	49229	104443	9.92%	1.012%
20	12.124	1685	1690	1694	rVB2	16454	25964	2.47%	0.252%
21	12.203	1697	1703	1705	rBV5	10262	18746	1.78%	0.182%
22	12.246	1705	1710	1717	rVB3	15896	31154	2.96%	0.302%
23	12.331	1719	1724	1727	rBV4	12887	23318	2.21%	0.226%
24	12.380	1727	1732	1734	rBV6	8929	14415	1.37%	0.140%
25	12.410	1734	1737	1739	rBV2	11323	13405	1.27%	0.130%
26	12.483	1743	1749	1754	rVV2	435325	697018	66.20%	6.753%
27	12.666	1768	1779	1784	rVB4	21606	65043	6.18%	0.630%
28	12.733	1784	1790	1793	rBV	67035	112734	10.71%	1.092%
29	12.764	1793	1795	1797	rVV2	28508	36933	3.51%	0.358%
30	12.806	1797	1802	1808	rVV2	153920	265131	25.18%	2.569%
31	12.861	1808	1811	1815	rVB3	15227	21239	2.02%	0.206%
32	12.965	1821	1828	1832	rBV2	30469	75421	7.16%	0.731%
33	13.038	1836	1840	1844	rVV2	59044	88977	8.45%	0.862%
34	13.117	1848	1853	1858	rVB	155564	231317	21.97%	2.241%
35	13.166	1858	1861	1866	rVB4	21754	31795	3.02%	0.308%
36	13.221	1866	1870	1877	rBV6	16532	45659	4.34%	0.442%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013468.D
 Acq On : 26 Apr 2023 13:09
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Title : SW846 8260

37	13.282	1877	1880	1882	rBV2	23841	31611	3.00%	0.306%
38	13.319	1882	1886	1890	rBV4	30216	52943	5.03%	0.513%
39	13.361	1890	1893	1897	rVB4	48217	60024	5.70%	0.582%
40	13.422	1897	1903	1913	rBV2	590928	1052915	100.00%	10.202%
41	13.593	1928	1931	1932	rVV3	12156	13843	1.31%	0.134%
42	13.623	1932	1936	1939	rVV	44684	72420	6.88%	0.702%
43	13.666	1939	1943	1950	rVB3	43286	84727	8.05%	0.821%
44	13.745	1950	1956	1961	rBV3	207668	378848	35.98%	3.671%
45	13.825	1966	1969	1972	rVV	22222	35184	3.34%	0.341%
46	13.879	1975	1978	1980	rVV2	29192	42658	4.05%	0.413%
47	13.916	1980	1984	1988	rVV2	49268	84754	8.05%	0.821%
48	13.965	1988	1992	1997	rVV3	88201	147669	14.02%	1.431%
49	14.007	1997	1999	2005	rVB5	24706	39658	3.77%	0.384%
50	14.075	2005	2010	2015	rBV	56198	87145	8.28%	0.844%
51	14.142	2015	2021	2027	rBV7	16342	41300	3.92%	0.400%
52	14.209	2027	2032	2035	rBV	24791	49127	4.67%	0.476%
53	14.331	2049	2052	2056	rVB	56655	82254	7.81%	0.797%
54	14.379	2056	2060	2063	rVV2	45785	66010	6.27%	0.640%
55	14.416	2063	2066	2070	rVB2	24034	35744	3.39%	0.346%
56	14.520	2079	2083	2086	rVB3	12724	14845	1.41%	0.144%
57	14.562	2086	2090	2093	rBV2	15932	25835	2.45%	0.250%
58	14.611	2093	2098	2102	rVB2	75111	104300	9.91%	1.011%
59	14.672	2102	2108	2114	rBV3	57041	127096	12.07%	1.231%
60	14.733	2114	2118	2124	rVB3	39815	68557	6.51%	0.664%
61	14.830	2128	2134	2139	rBV2	39611	67321	6.39%	0.652%
62	14.940	2148	2152	2156	rBV3	21209	36950	3.51%	0.358%
63	15.007	2158	2163	2167	rVV3	31615	63059	5.99%	0.611%
64	15.050	2167	2170	2175	rVB4	13835	22267	2.11%	0.216%
65	15.135	2181	2184	2191	rVB5	14075	21647	2.06%	0.210%
66	15.233	2191	2200	2209	rBV2	80215	226031	21.47%	2.190%
67	15.312	2209	2213	2222	rVV4	28122	64943	6.17%	0.629%
68	15.385	2222	2225	2228	rVV2	10583	19110	1.81%	0.185%
69	15.434	2228	2233	2241	rVB2	42260	73107	6.94%	0.708%
70	15.519	2241	2247	2255	rBV8	10814	33416	3.17%	0.324%
71	15.599	2255	2260	2267	rBV7	9610	19660	1.87%	0.190%
72	15.885	2303	2307	2308	rBV4	6712	10618	1.01%	0.103%
73	16.019	2324	2329	2335	rBV8	9259	23175	2.20%	0.225%
74	16.086	2335	2340	2345	rVB8	12387	26046	2.47%	0.252%
75	16.153	2345	2351	2356	rBV3	23216	43031	4.09%	0.417%
76	16.288	2367	2373	2380	rBV	47242	91385	8.68%	0.885%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Title : SW846 8260

77	16.355	2380	2384	2388	rVV2	16492	25810	2.45%	0.250%
78	16.477	2398	2404	2418	rVB4	28765	86599	8.22%	0.839%

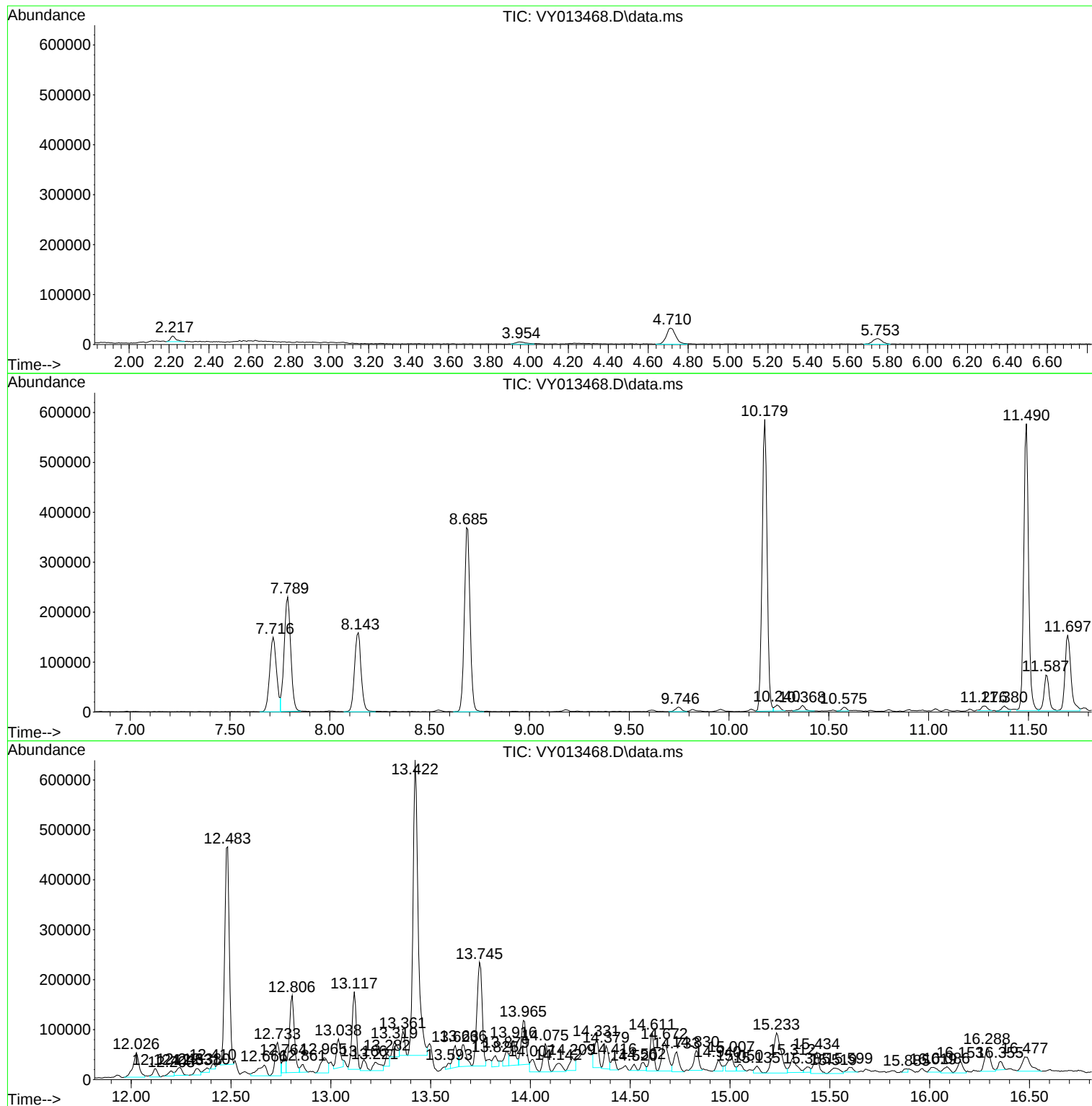
Sum of corrected areas: 10321102

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

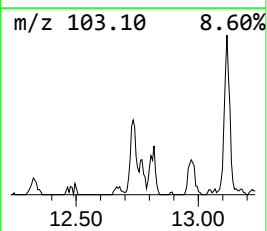
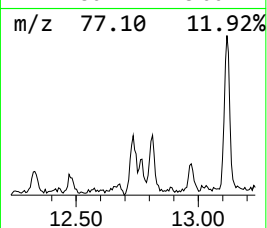
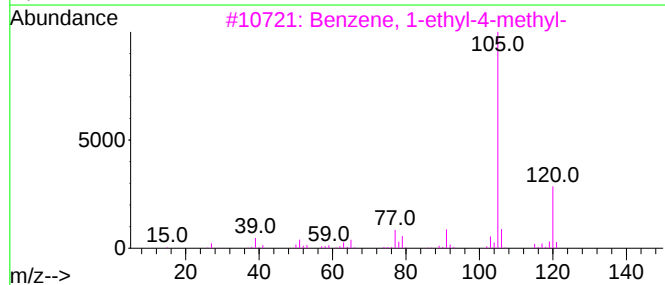
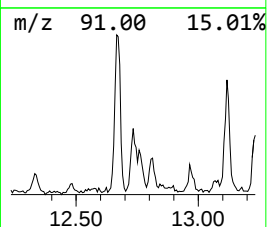
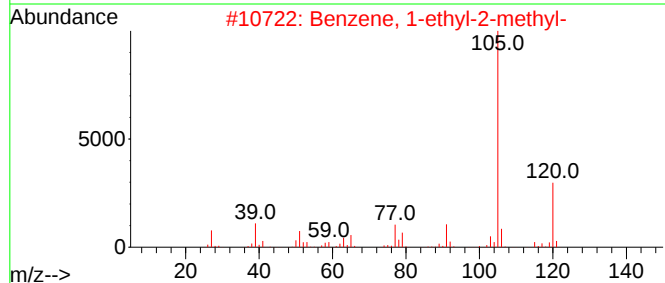
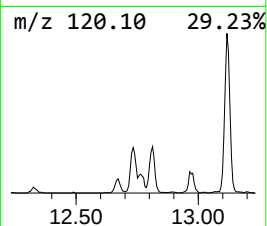
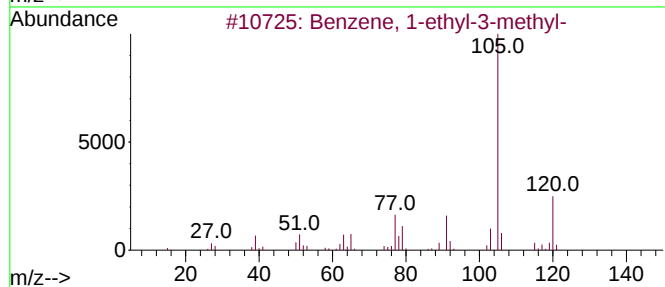
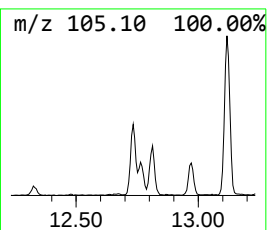
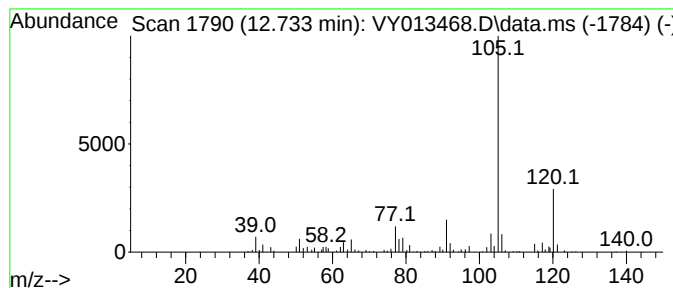
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	5.35 ug/l	112734	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

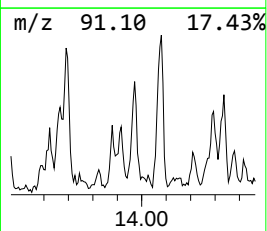
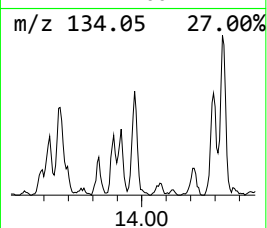
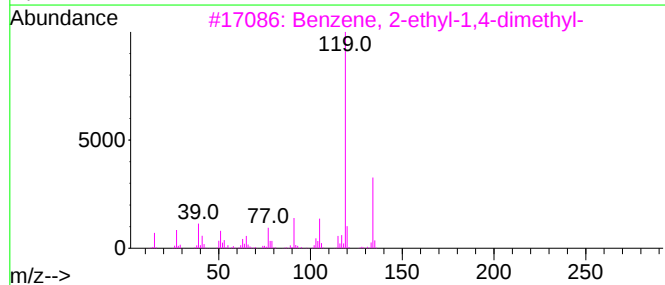
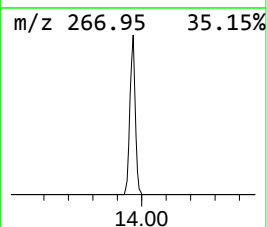
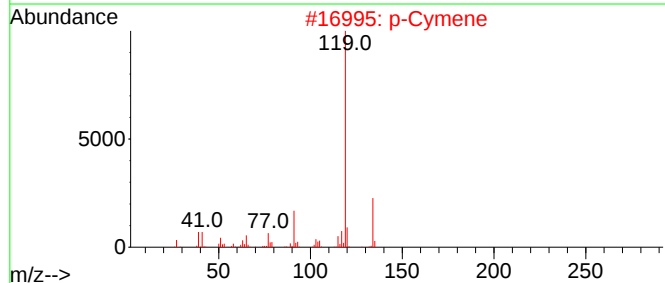
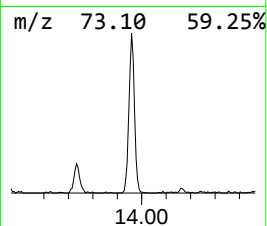
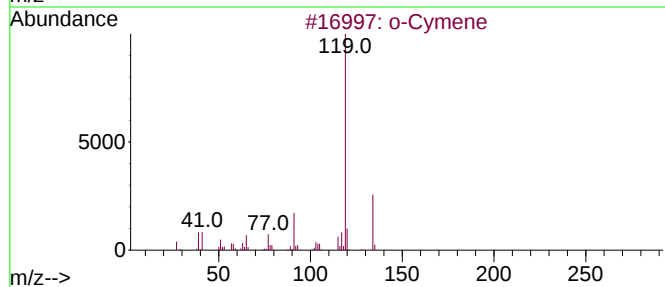
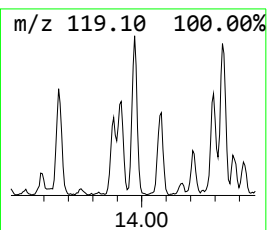
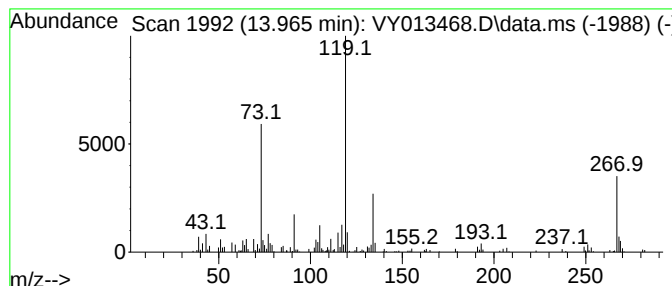
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	7.01 ug/l	147669	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	93
2			p-Cymene	134	C10H14	000099-87-6	93
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

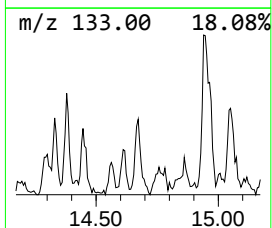
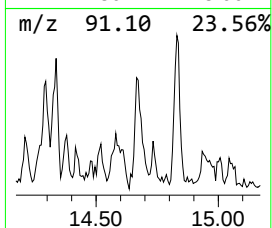
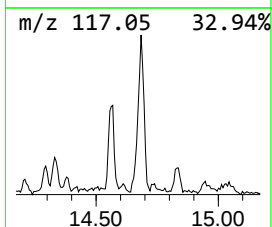
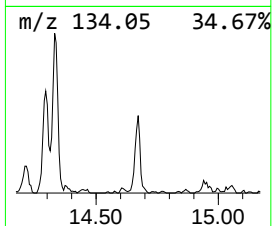
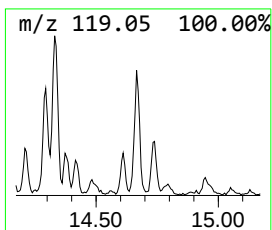
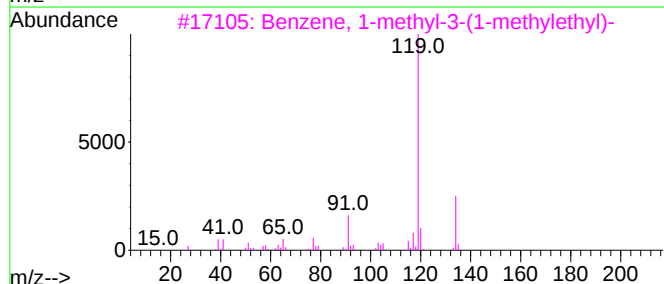
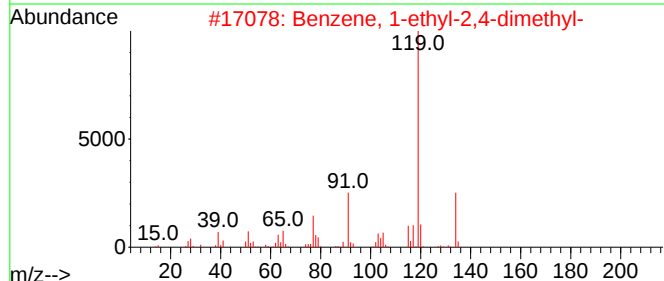
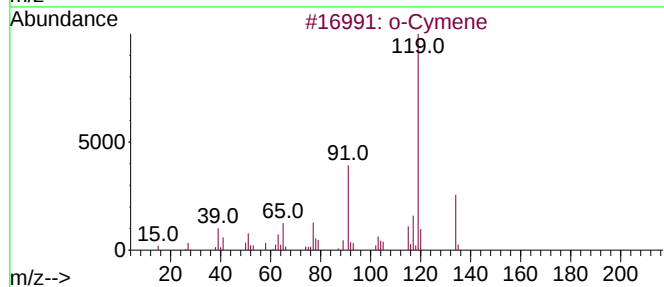
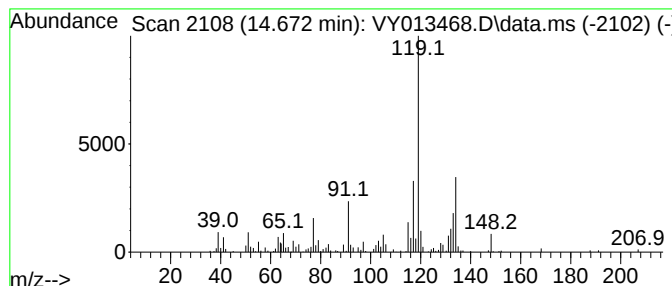
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	6.04 ug/l	127096	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	70
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	62
3			Benzene, 1-methyl-3-(1-methyleth...)	134	C10H14	000535-77-3	62
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	62
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
Data File : VY013468.D
Acq On : 26 Apr 2023 13:09
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.733	5.3	ug/l	112734	4	13.422	1052920	50.0
o-Cymene	13.965	7.0	ug/l	147669	4	13.422	1052920	50.0
Benzene, 1-ethy...	14.672	6.0	ug/l	127096	4	13.422	1052920	50.0