

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015199.D
 Acq On : 18 Aug 2023 16:35
 Operator : SY/MD
 Sample : 04086-11
 Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP14A

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\82Y081423S.M
 Title : SW846 8260

Signal : TIC: VY015199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.893	167	176	187	rBV	18889	42999	1.99%	0.215%
2	3.241	225	233	245	rVB2	15482	38282	1.77%	0.192%
3	4.704	459	473	499	rBV3	36786	173576	8.04%	0.869%
4	5.228	547	559	573	rBB2	9332	32338	1.50%	0.162%
5	5.734	633	642	656	rVB2	17274	55014	2.55%	0.276%
6	6.789	804	815	825	rVB2	11480	32505	1.51%	0.163%
7	6.972	833	845	860	rBV	37680	117774	5.45%	0.590%
8	7.710	955	966	972	rBV	89530	222958	10.33%	1.117%
9	7.783	972	978	987	rVV	159248	380697	17.63%	1.907%
10	7.868	987	992	1000	rVB4	8792	21977	1.02%	0.110%
11	7.996	1004	1013	1021	rBV	19805	46989	2.18%	0.235%
12	8.136	1026	1036	1050	rVB	94306	215231	9.97%	1.078%
13	8.325	1061	1067	1077	rVB2	15055	41504	1.92%	0.208%
14	8.545	1094	1103	1114	rVB2	18106	38483	1.78%	0.193%
15	8.685	1117	1126	1139	rBV	246203	489028	22.65%	2.450%
16	9.185	1195	1208	1213	rBV5	15875	43993	2.04%	0.220%
17	9.612	1272	1278	1289	rVB	16444	31610	1.46%	0.158%
18	9.746	1295	1300	1307	rVB3	21353	43196	2.00%	0.216%
19	9.819	1307	1312	1315	rVV2	16482	28034	1.30%	0.140%
20	9.959	1325	1335	1346	rBV	22175	53519	2.48%	0.268%
21	10.179	1364	1371	1376	rBV	382196	648537	30.04%	3.249%
22	10.240	1376	1381	1389	rVB	247142	426924	19.77%	2.139%
23	10.368	1394	1402	1408	rVB	24367	47794	2.21%	0.239%
24	10.581	1430	1437	1444	rBV	32616	67406	3.12%	0.338%
25	10.941	1493	1496	1503	rVB3	11915	22140	1.03%	0.111%
26	11.276	1543	1551	1556	rBV3	26046	53514	2.48%	0.268%
27	11.380	1562	1568	1573	rBV	22849	36298	1.68%	0.182%
28	11.489	1578	1586	1595	rBV	381636	605939	28.06%	3.035%
29	11.593	1595	1603	1611	rVB	165822	267434	12.39%	1.340%
30	11.697	1611	1620	1631	rBV	625220	1150541	53.29%	5.763%
31	12.026	1666	1674	1684	rVB	421571	663435	30.73%	3.323%
32	12.331	1718	1724	1728	rBV	46919	86461	4.00%	0.433%
33	12.483	1743	1749	1760	rVB2	331350	592913	27.46%	2.970%
34	12.672	1772	1780	1785	rBV	187341	291655	13.51%	1.461%
35	12.733	1785	1790	1793	rVV	673200	1000733	46.35%	5.013%
36	12.764	1793	1795	1799	rVV	338297	475548	22.03%	2.382%

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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

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37	12.812	1799	1803	1809	rVB	386431	585411	27.11%	2.932%
38	12.971	1815	1829	1837	rVB	310190	507516	23.51%	2.542%
39	13.117	1847	1853	1860	rVB	1451240	2159126	100.00%	10.815%
40	13.251	1866	1875	1879	rBV2	26801	71419	3.31%	0.358%
41	13.312	1879	1885	1890	rVV	49131	76201	3.53%	0.382%
42	13.367	1890	1894	1897	rVV2	25206	38854	1.80%	0.195%
43	13.422	1897	1903	1906	rVV	412251	695164	32.20%	3.482%
44	13.453	1906	1908	1914	rVV	364415	528135	24.46%	2.646%
45	13.501	1914	1916	1923	rVB4	17032	24552	1.14%	0.123%
46	13.593	1925	1931	1932	rBV	92862	119938	5.55%	0.601%
47	13.623	1932	1936	1939	rVV2	352797	558380	25.86%	2.797%
48	13.666	1939	1943	1953	rVB3	307379	631841	29.26%	3.165%
49	13.751	1953	1957	1962	rBV2	42586	59844	2.77%	0.300%
50	13.818	1962	1968	1974	rVB	91939	148472	6.88%	0.744%
51	13.885	1974	1979	1981	rBV	159181	234086	10.84%	1.173%
52	13.916	1981	1984	1988	rVV	157192	223526	10.35%	1.120%
53	13.971	1988	1993	1999	rVV	314892	463082	21.45%	2.320%
54	14.032	1999	2003	2006	rVV	16704	29256	1.35%	0.147%
55	14.080	2006	2011	2016	rVB2	87901	141705	6.56%	0.710%
56	14.154	2016	2023	2027	rVB4	11536	26222	1.21%	0.131%
57	14.215	2027	2033	2038	rBV	68242	109624	5.08%	0.549%
58	14.294	2038	2046	2049	rVV	166668	263982	12.23%	1.322%
59	14.337	2049	2053	2057	rVV	223933	334123	15.47%	1.674%
60	14.379	2057	2060	2064	rVV	76022	106081	4.91%	0.531%
61	14.422	2064	2067	2073	rVV2	38891	56854	2.63%	0.285%
62	14.519	2079	2083	2086	rVV	52288	74497	3.45%	0.373%
63	14.562	2086	2090	2095	rVV2	118289	214420	9.93%	1.074%
64	14.611	2095	2098	2102	rVB	86024	117438	5.44%	0.588%
65	14.678	2102	2109	2115	rBV3	192918	448228	20.76%	2.245%
66	14.739	2115	2119	2125	rVB	69964	108332	5.02%	0.543%
67	14.830	2130	2134	2138	rBV2	14446	23244	1.08%	0.116%
68	14.946	2148	2153	2164	rVB2	88558	205963	9.54%	1.032%
69	15.056	2165	2171	2178	rBV2	54275	103467	4.79%	0.518%
70	15.233	2189	2200	2207	rBV	326573	573154	26.55%	2.871%
71	15.342	2207	2218	2223	rVV5	39447	107062	4.96%	0.536%
72	15.397	2223	2227	2230	rVV3	18860	33212	1.54%	0.166%
73	15.434	2230	2233	2241	rVB2	34191	56162	2.60%	0.281%
74	15.525	2241	2248	2256	rBV	45717	90204	4.18%	0.452%
75	15.690	2265	2275	2285	rBV6	22996	85514	3.96%	0.428%
76	15.818	2290	2296	2301	rVV2	22948	45298	2.10%	0.227%

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ClientSampleId :
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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

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Peak separation: 5

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Title : SW846 8260

77	15.891	2302	2308	2322	rVB3	23764	59248	2.74%	0.297%
78	16.293	2367	2374	2381	rBV	296046	558498	25.87%	2.798%
79	16.489	2398	2406	2416	rVB	132722	279050	12.92%	1.398%

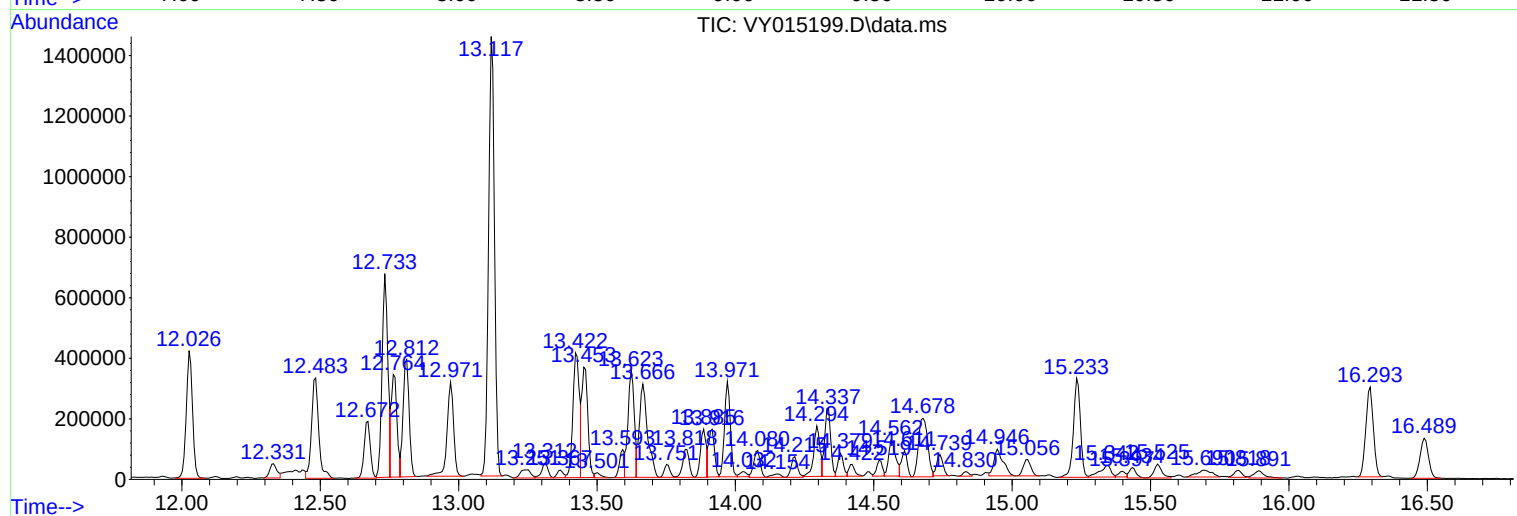
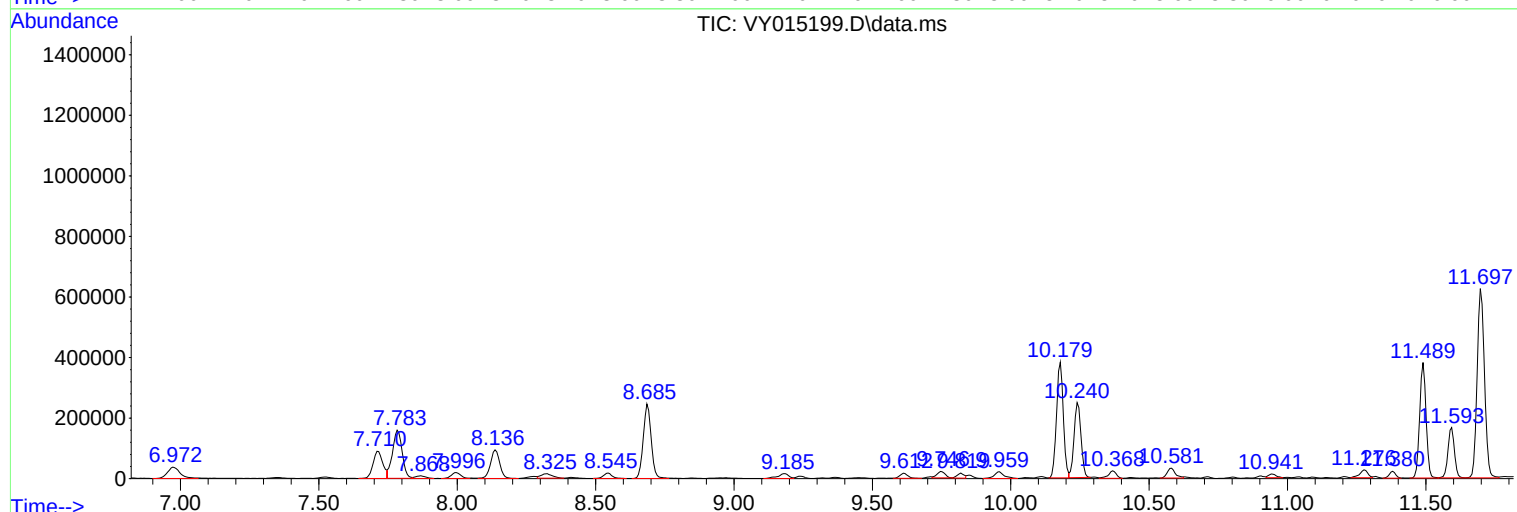
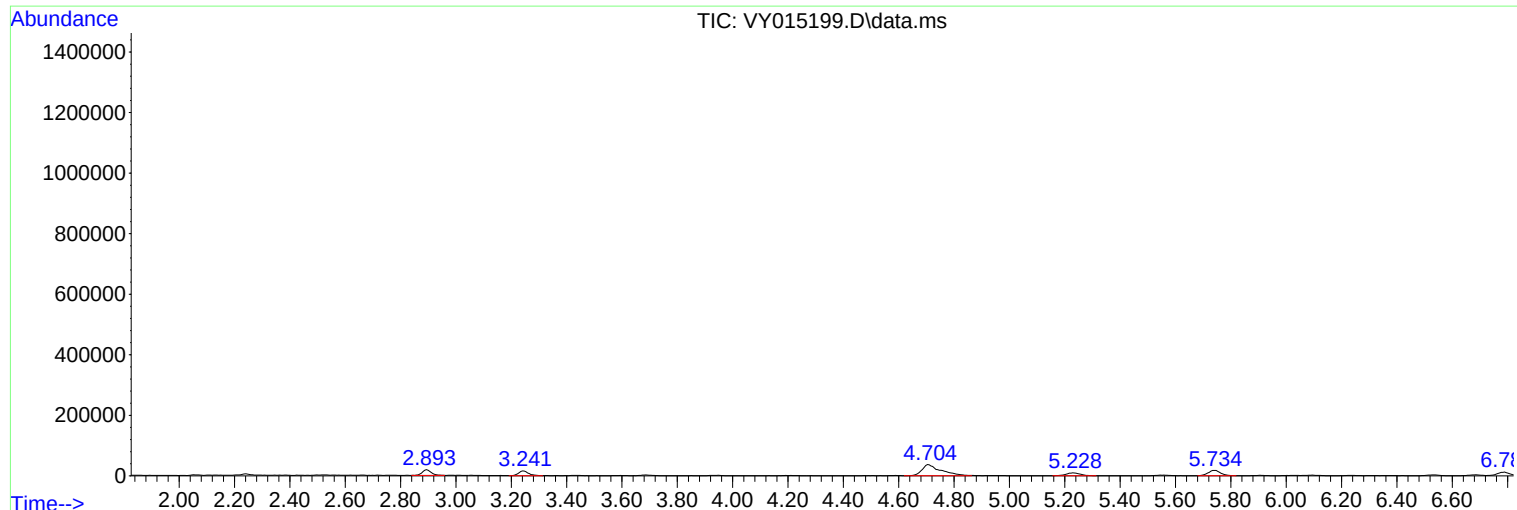
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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



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Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

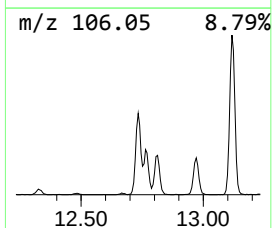
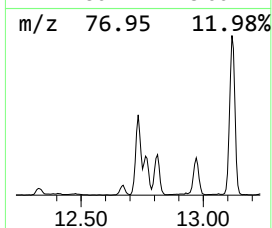
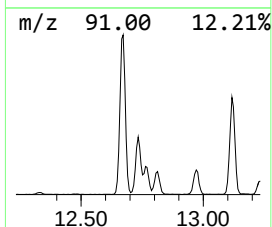
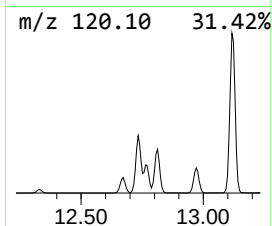
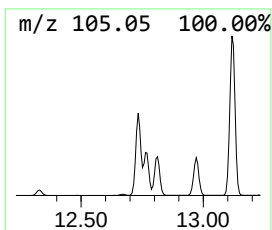
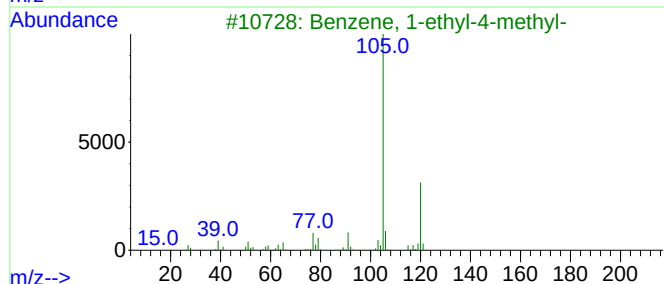
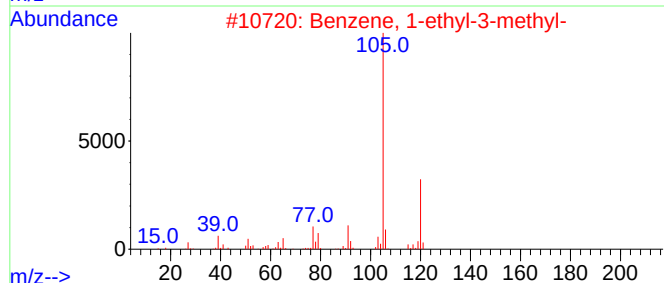
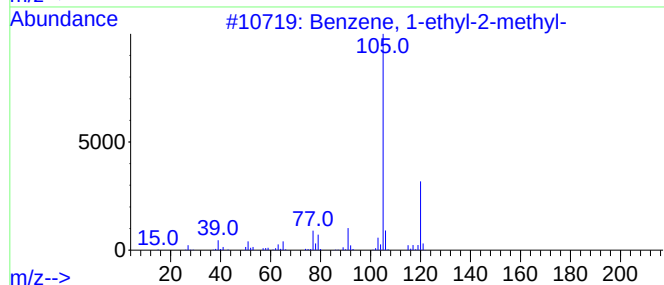
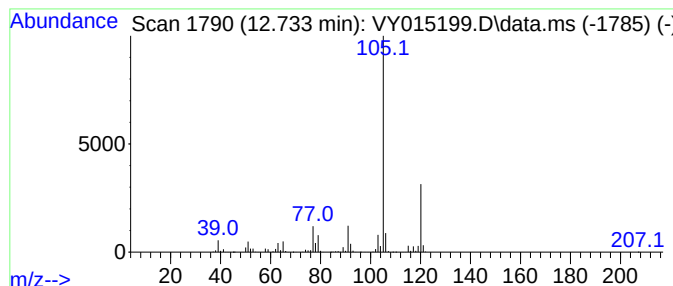
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	71.98 ug/l	1000730	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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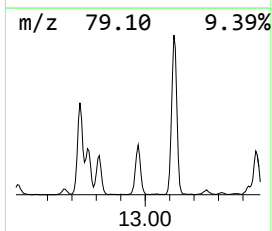
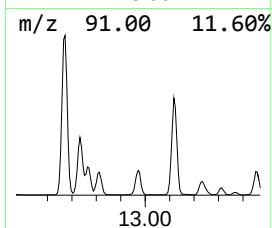
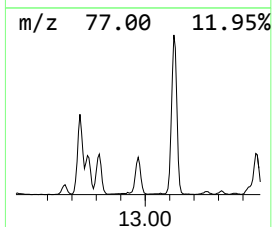
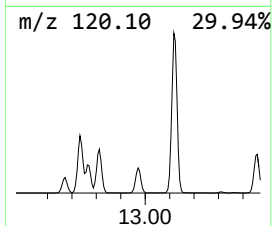
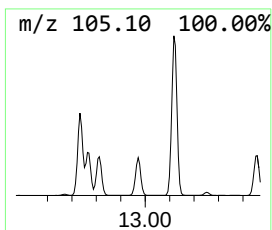
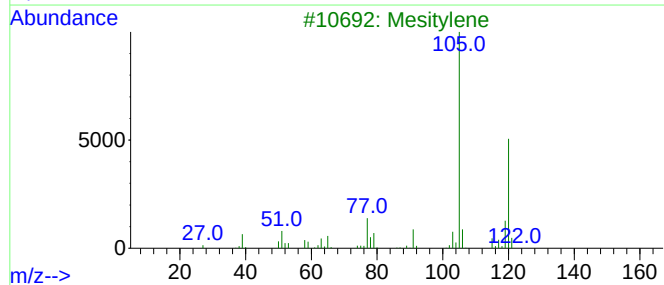
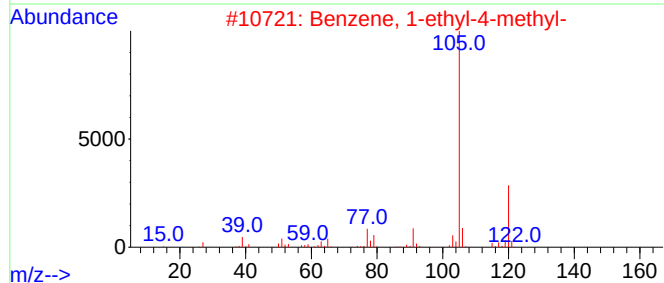
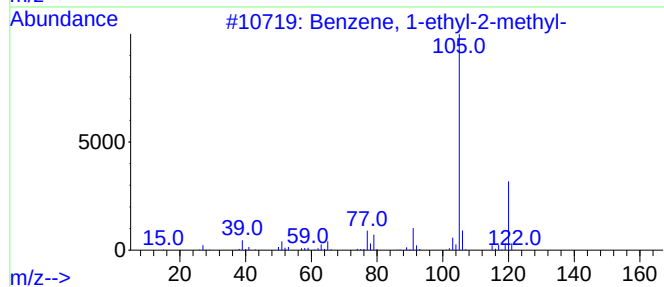
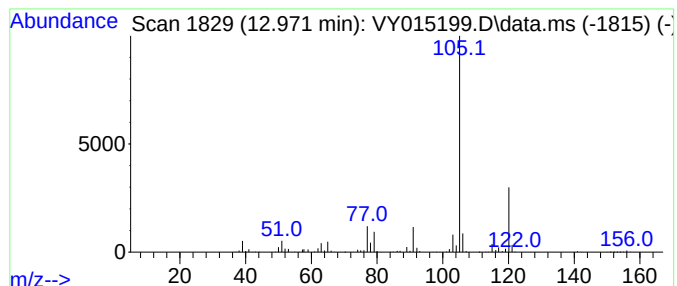
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	36.50 ug/l	507516	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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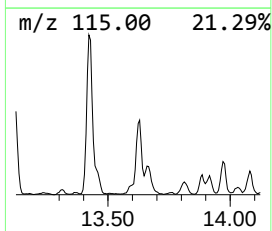
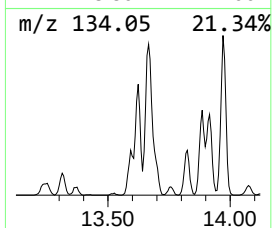
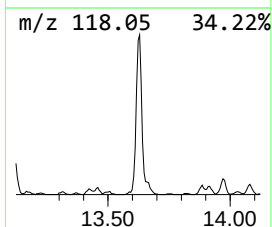
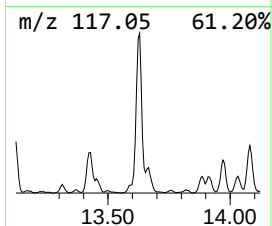
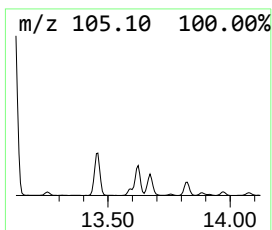
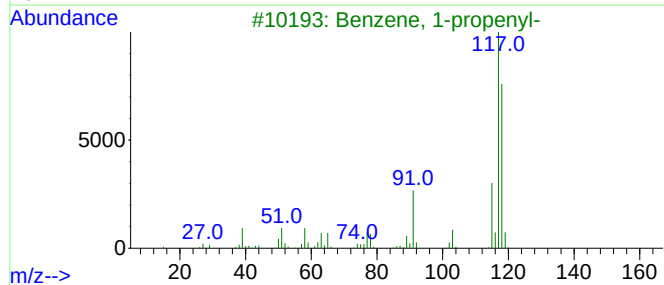
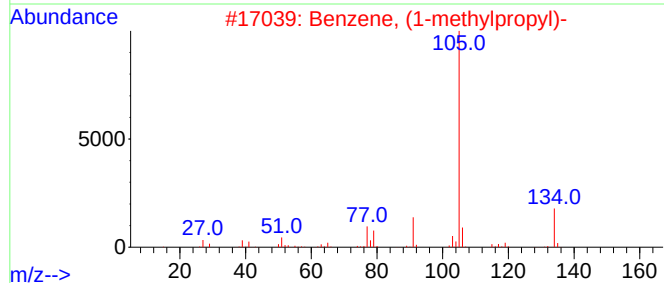
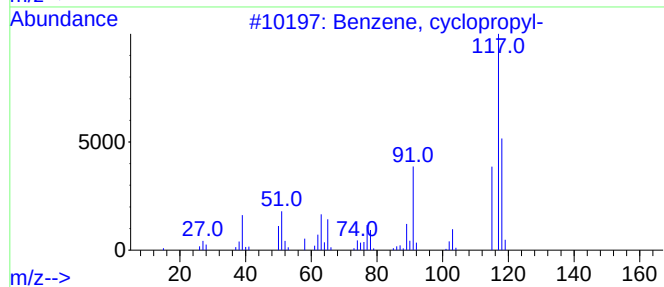
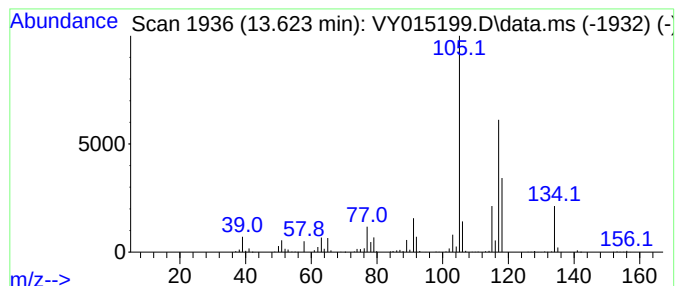
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, cyclopropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.623	40.16 ug/l	558380	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	45
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	45
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	43



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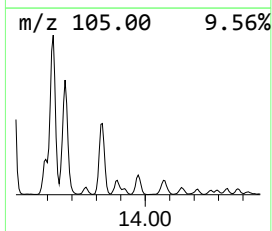
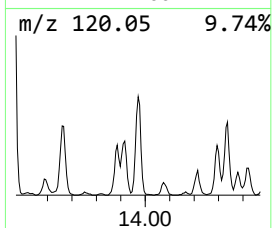
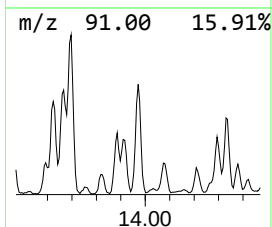
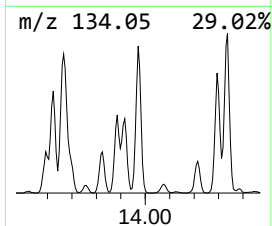
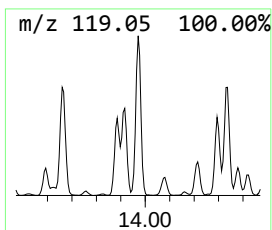
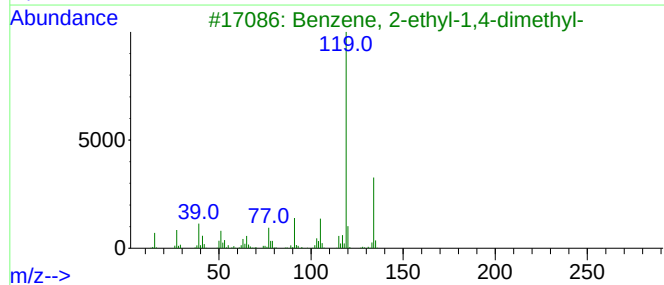
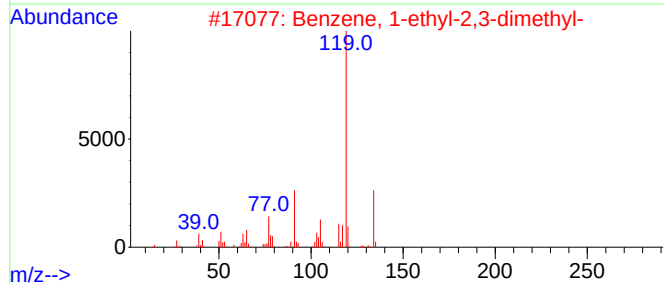
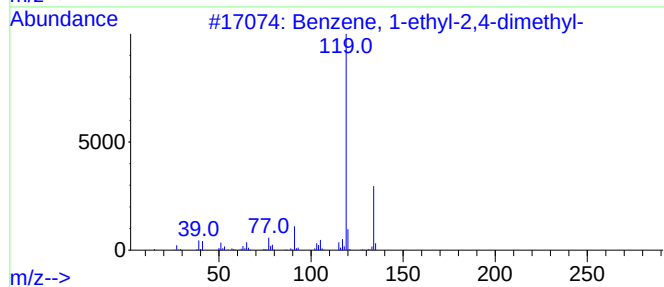
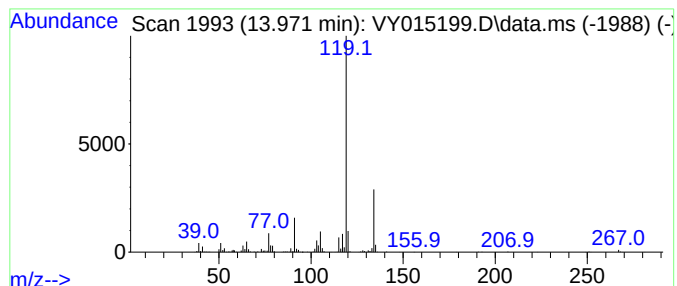
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	33.31 ug/l	463082	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015199.D
Acq On : 18 Aug 2023 16:35
Operator : SY/MD
Sample : 04086-11
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

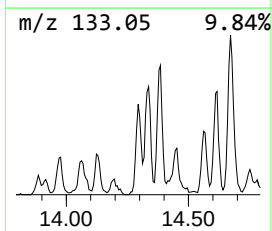
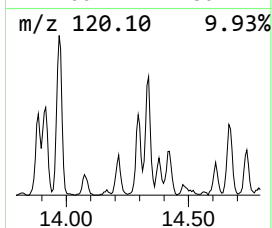
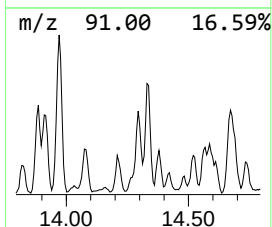
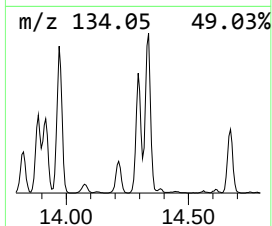
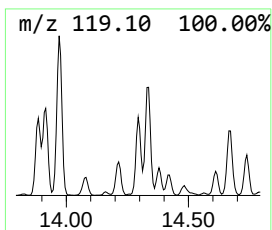
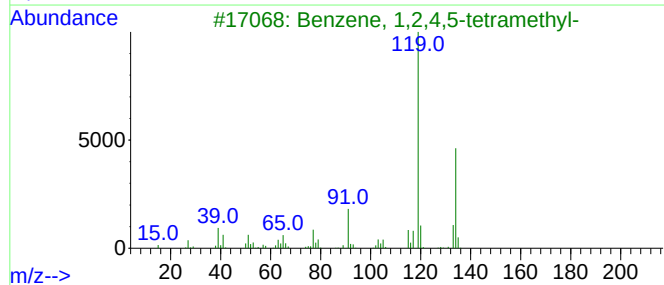
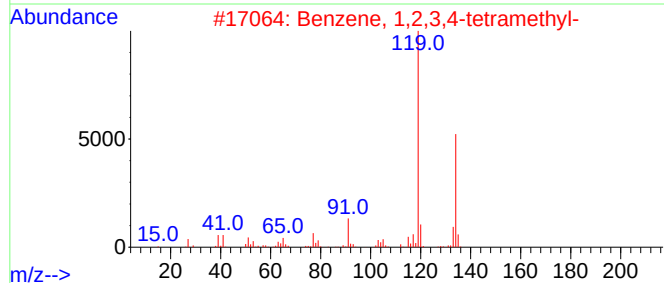
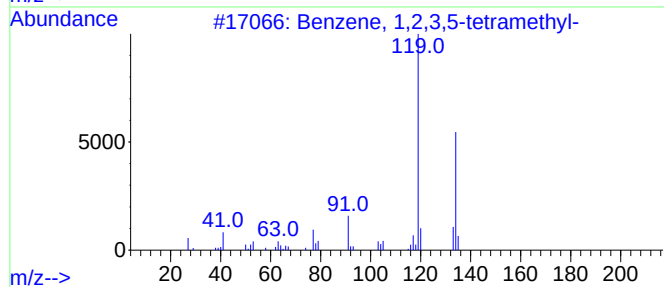
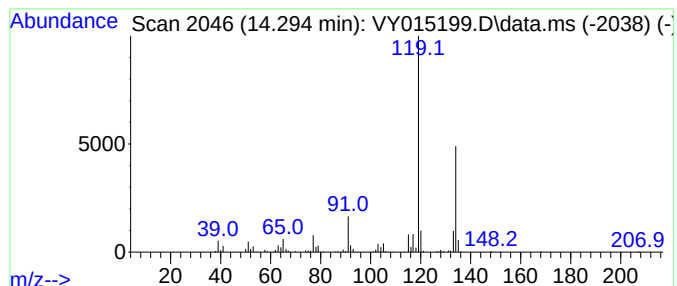
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.294	18.99 ug/l	263982	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4			o-Cymene	134	C10H14	000527-84-4	93
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015199.D
Acq On : 18 Aug 2023 16:35
Operator : SY/MD
Sample : 04086-11
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

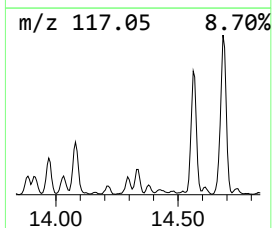
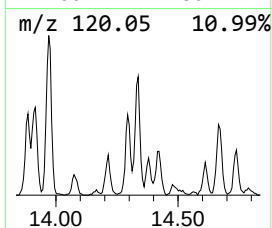
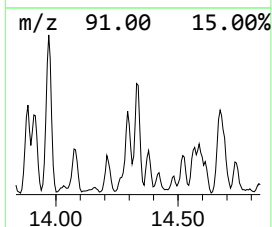
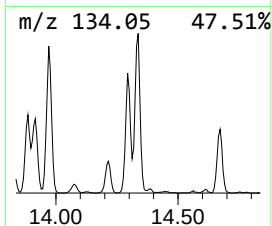
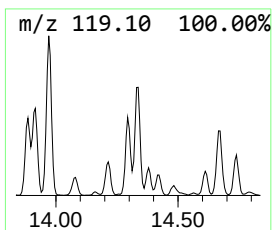
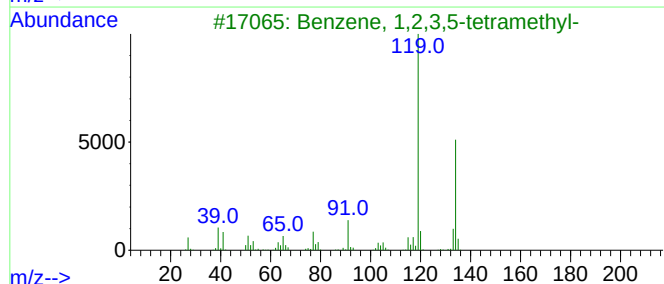
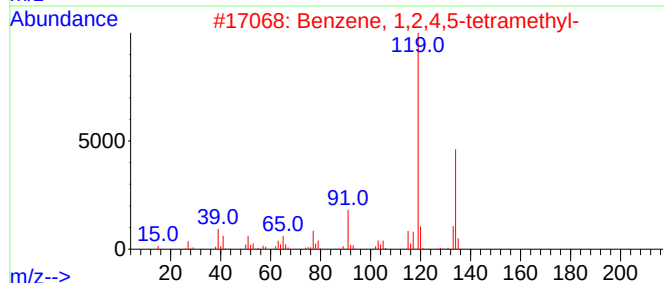
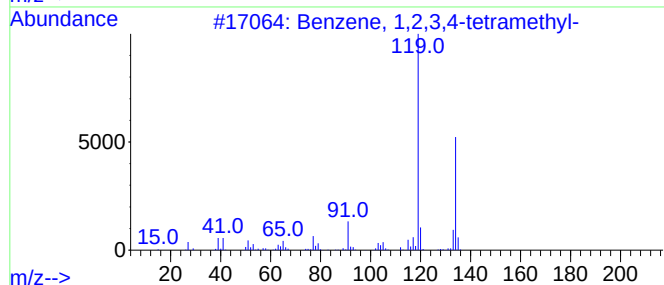
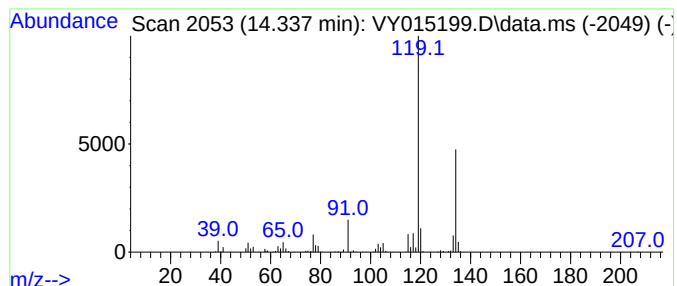
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	24.03 ug/l	334123	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015199.D
Acq On : 18 Aug 2023 16:35
Operator : SY/MD
Sample : 04086-11
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

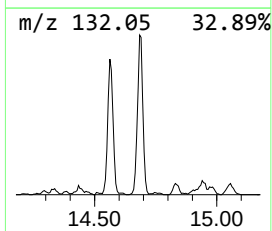
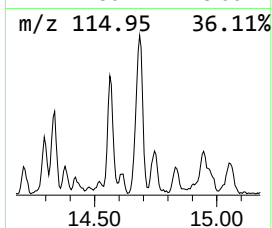
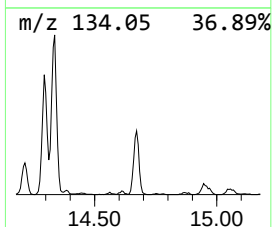
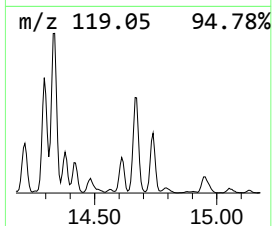
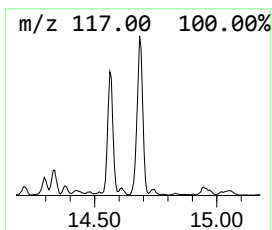
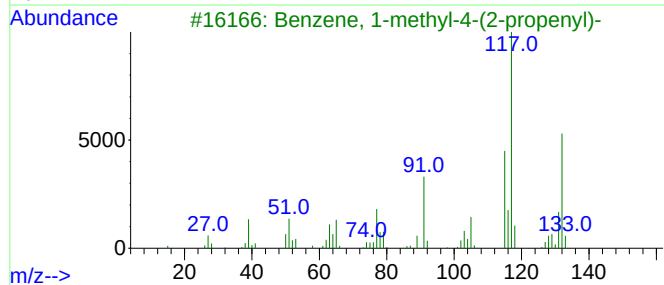
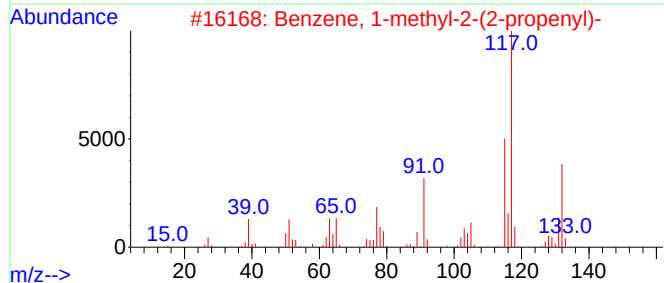
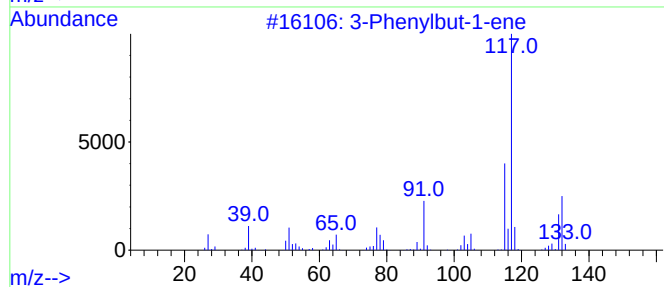
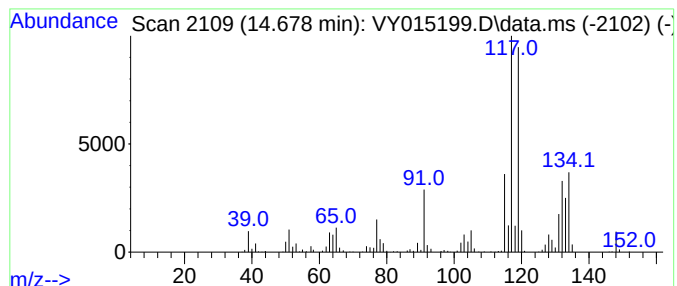
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

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

Peak Number 7 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	32.24 ug/l	448228	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
Data File : VY015199.D
Acq On : 18 Aug 2023 16:35
Operator : SY/MD
Sample : 04086-11
Misc : 5.01g/5.2mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP14A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	12.733	72.0	ug/l	1000730	4	13.428	695164	50.0
Benzene, 1-ethy...	12.971	36.5	ug/l	507516	4	13.428	695164	50.0
Benzene, cyclop...	13.623	40.2	ug/l	558380	4	13.428	695164	50.0
Benzene, 1-ethy...	13.971	33.3	ug/l	463082	4	13.428	695164	50.0
Benzene, 1,2,3,...	14.294	19.0	ug/l	263982	4	13.428	695164	50.0
Benzene, 1,2,3,...	14.336	24.0	ug/l	334123	4	13.428	695164	50.0
3-Phenylbut-1-ene	14.678	32.2	ug/l	448228	4	13.428	695164	50.0