

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014465.D
 Acq On : 27 Jun 2023 17:56
 Operator : KP/MD
 Sample : 03375-05
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 03375-04MS

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\82Y062323S.M
 Title : SW846 8260

Signal : TIC: VY014465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.942	340	348	361	rBV2	21436	61846	7.66%	0.903%
2	4.192	380	389	402	rBV3	6591	20882	2.59%	0.305%
3	4.710	464	474	490	rBV2	15887	48306	5.98%	0.706%
4	5.753	634	645	654	rVB6	3842	12301	1.52%	0.180%
5	6.972	834	845	860	rBV	36860	120004	14.87%	1.753%
6	7.716	956	967	973	rBV2	122434	296951	36.79%	4.338%
7	7.789	973	979	991	rVB	213539	478390	59.27%	6.988%
8	8.143	1022	1037	1046	rBV2	136132	328327	40.68%	4.796%
9	8.691	1118	1127	1140	rVB	306196	600162	74.35%	8.767%
10	9.746	1295	1300	1313	rVB8	3590	11331	1.40%	0.166%
11	10.179	1364	1371	1380	rVB	476278	807189	100.00%	11.791%
12	10.581	1429	1437	1443	rBV	22675	41646	5.16%	0.608%
13	10.941	1490	1496	1509	rBV2	38457	68431	8.48%	1.000%
14	11.313	1553	1557	1564	rVB2	12441	21526	2.67%	0.314%
15	11.490	1579	1586	1593	rBV	471100	751576	93.11%	10.979%
16	12.483	1741	1749	1759	rBV2	401617	660279	81.80%	9.645%
17	12.642	1768	1775	1782	rVB6	10919	28437	3.52%	0.415%
18	12.733	1782	1790	1793	rBV6	5395	12229	1.52%	0.179%
19	12.813	1795	1803	1810	rBV9	14877	45612	5.65%	0.666%
20	12.910	1815	1819	1823	rBV6	5820	8316	1.03%	0.121%
21	13.008	1830	1835	1836	rBV4	6443	9109	1.13%	0.133%
22	13.044	1836	1841	1843	rVV	20716	35287	4.37%	0.515%
23	13.069	1843	1845	1850	rVB2	21543	27332	3.39%	0.399%
24	13.178	1857	1863	1867	rBV4	14474	24951	3.09%	0.364%
25	13.282	1872	1880	1884	rBV4	23832	47065	5.83%	0.687%
26	13.428	1896	1904	1909	rBV	502256	806723	99.94%	11.784%
27	13.483	1909	1913	1919	rVB2	19672	40905	5.07%	0.598%
28	13.642	1936	1939	1943	rVB4	8974	10568	1.31%	0.154%
29	13.751	1951	1957	1961	rBV4	22859	37802	4.68%	0.552%
30	13.916	1981	1984	1988	rBV6	5515	9117	1.13%	0.133%
31	13.965	1989	1992	1997	rVB3	19472	31763	3.94%	0.464%
32	14.014	1997	2000	2005	rVB5	9797	16247	2.01%	0.237%
33	14.081	2005	2011	2015	rBV6	20216	37351	4.63%	0.546%
34	14.142	2017	2021	2027	rVB8	8657	15727	1.95%	0.230%
35	14.203	2027	2031	2032	rBV4	6956	8739	1.08%	0.128%
36	14.257	2036	2040	2053	rVB4	30348	92986	11.52%	1.358%

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

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37	14.379	2055	2060	2063	rBV3	19909	33945	4.21%	0.496%
38	14.422	2063	2067	2070	rBV3	15987	18878	2.34%	0.276%
39	14.568	2087	2091	2096	rBV7	6640	11575	1.43%	0.169%
40	14.617	2096	2099	2103	rBV5	8354	9511	1.18%	0.139%
41	14.684	2103	2110	2114	rBV2	57344	102964	12.76%	1.504%
42	14.733	2114	2118	2125	rVV4	40670	75356	9.34%	1.101%
43	14.800	2125	2129	2134	rVB8	5471	10783	1.34%	0.158%
44	14.940	2149	2152	2156	rVB3	22828	31916	3.95%	0.466%
45	14.983	2156	2159	2165	rBV2	20888	38050	4.71%	0.556%
46	15.056	2165	2171	2176	rVB3	44037	90604	11.22%	1.323%
47	15.233	2191	2200	2205	rBV	55794	135129	16.74%	1.974%
48	15.294	2206	2210	2212	rBV3	20476	29276	3.63%	0.428%
49	15.525	2242	2248	2254	rBV	30683	62827	7.78%	0.918%
50	15.605	2257	2261	2266	rVV7	15042	29831	3.70%	0.436%
51	15.684	2266	2274	2285	rVB6	25764	90898	11.26%	1.328%
52	15.818	2291	2296	2301	rVB4	19593	37595	4.66%	0.549%
53	15.879	2301	2306	2312	rBV4	18984	42288	5.24%	0.618%
54	16.038	2324	2332	2338	rBV3	50334	110562	13.70%	1.615%
55	16.227	2355	2363	2370	rBV4	35427	80301	9.95%	1.173%
56	16.294	2370	2374	2377	rBV4	11674	19888	2.46%	0.291%
57	16.489	2399	2406	2412	rBV8	23115	64004	7.93%	0.935%
58	16.605	2421	2425	2426	rBV4	5853	8723	1.08%	0.127%
59	16.629	2426	2429	2437	rVB5	15764	35506	4.40%	0.519%

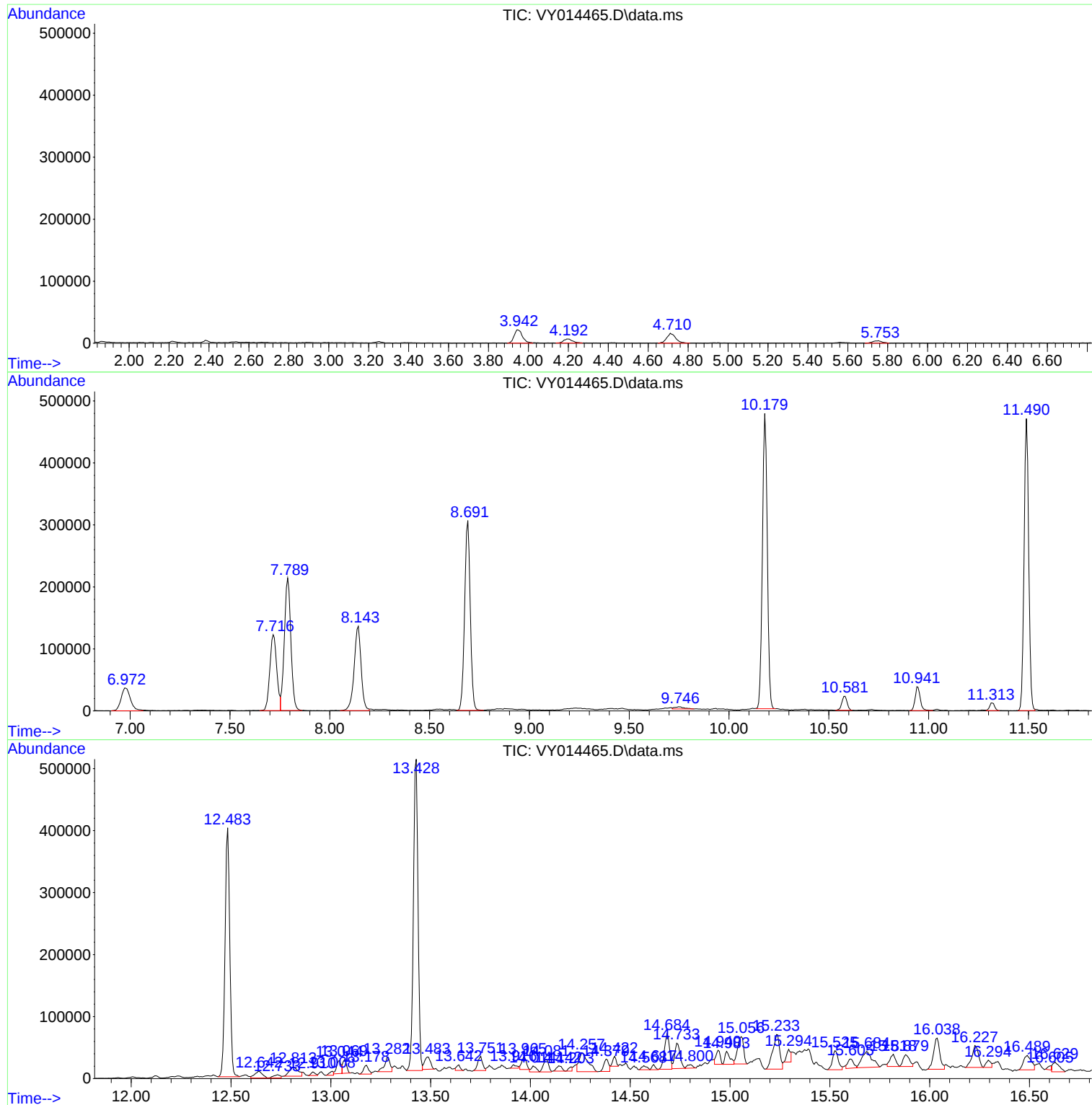
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
03375-04MS

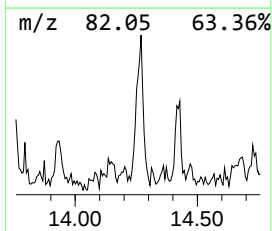
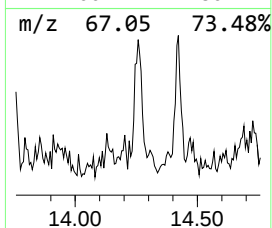
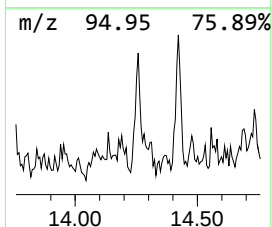
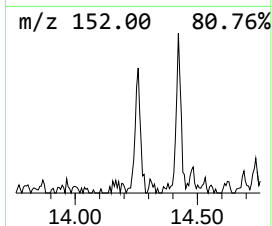
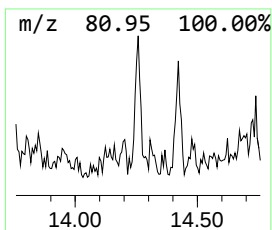
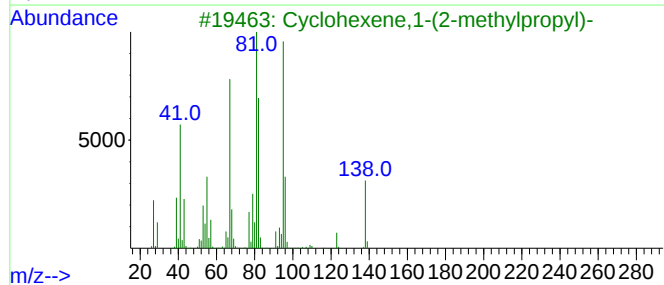
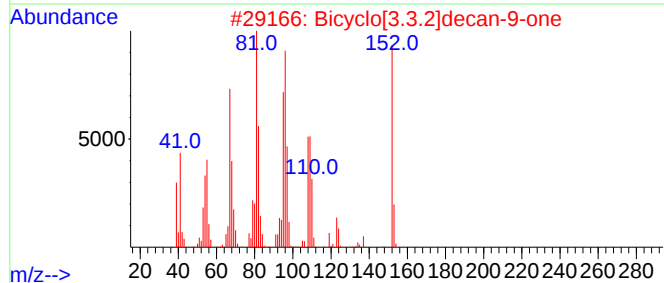
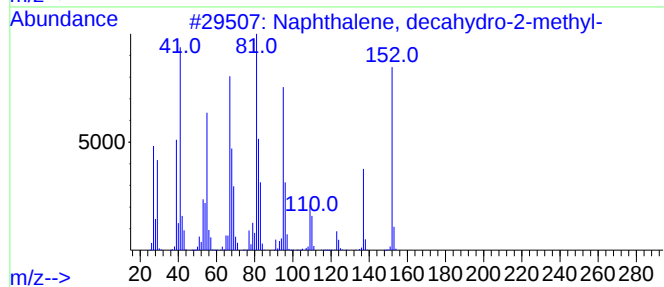
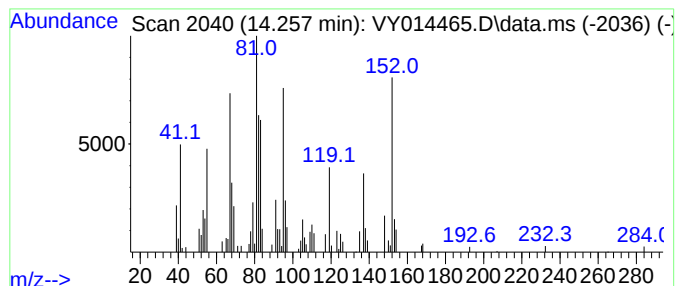
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	5.76 ug/l	92986	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	70
3			Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	60
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	60
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	52



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
03375-04MS

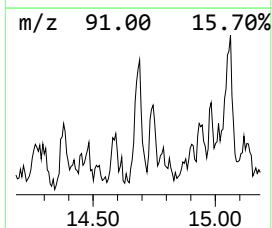
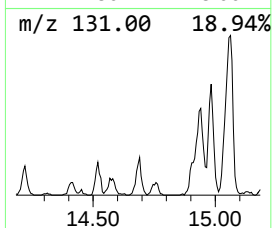
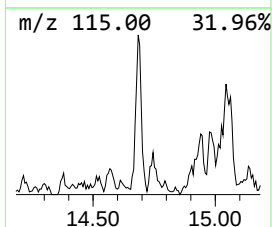
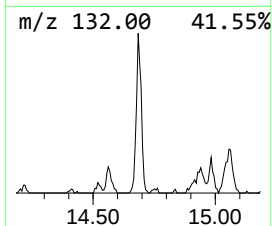
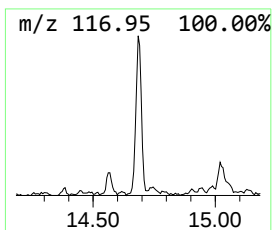
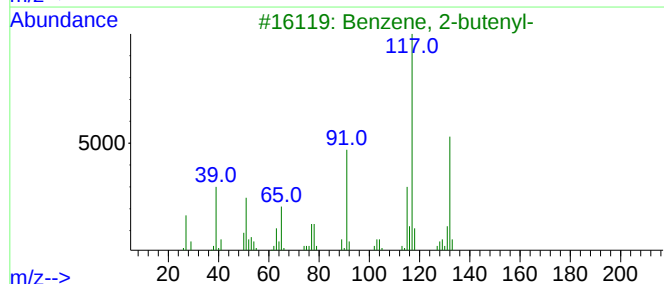
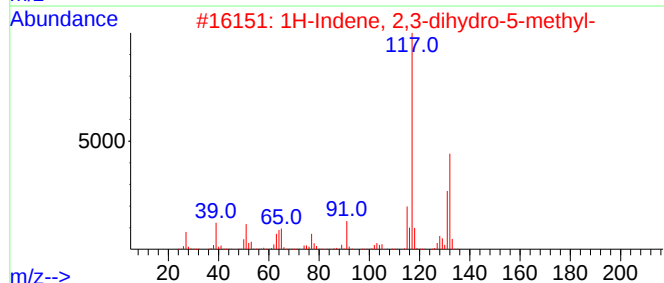
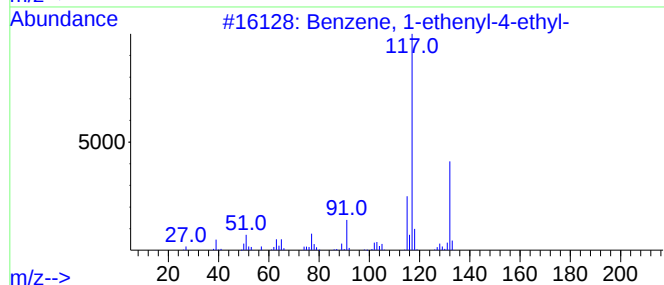
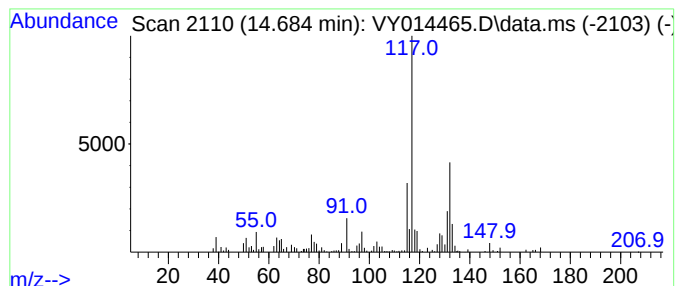
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.684	6.38 ug/l	102964	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	80
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	80



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Sample : 03375-05
Misc : 5.41g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
03375-04MS

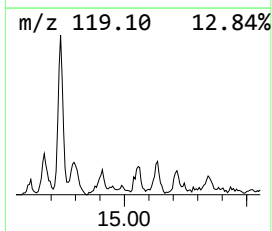
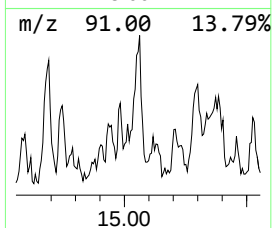
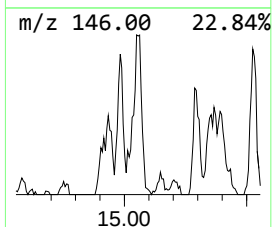
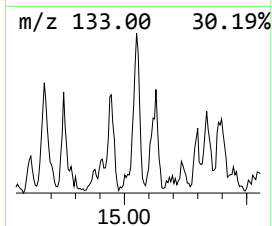
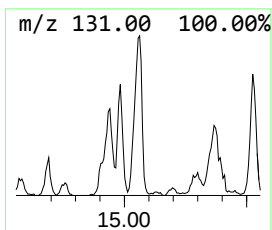
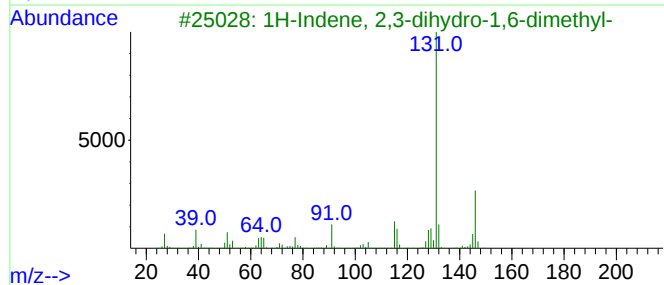
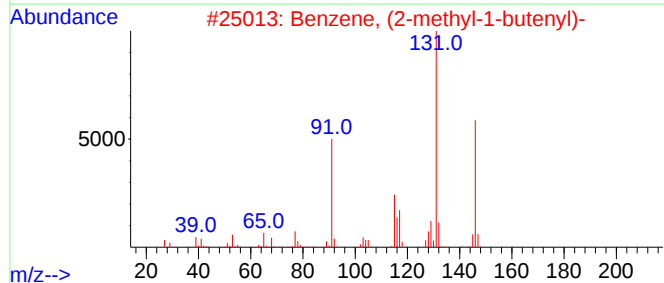
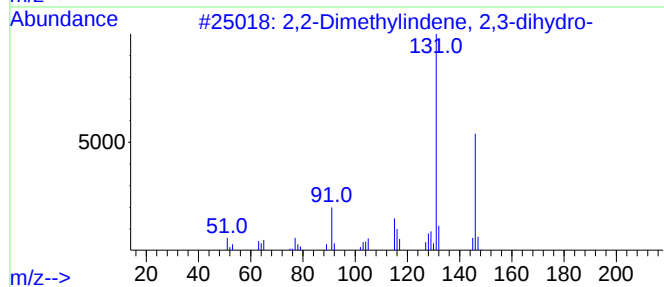
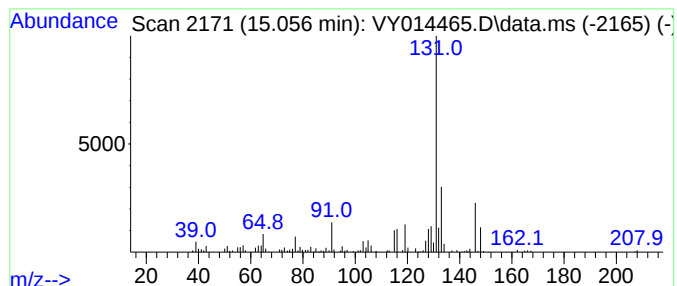
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 5 2,2-Dimethylindene, 2,3-dih... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	5.62 ug/l	90604	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
2			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68



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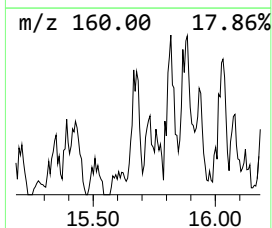
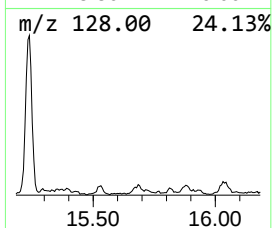
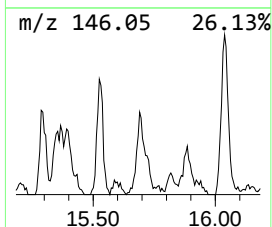
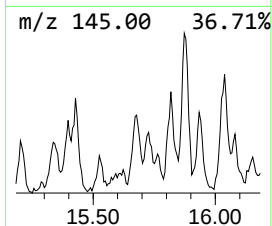
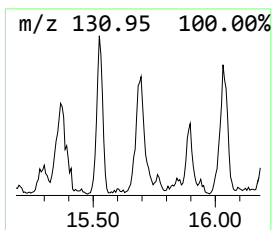
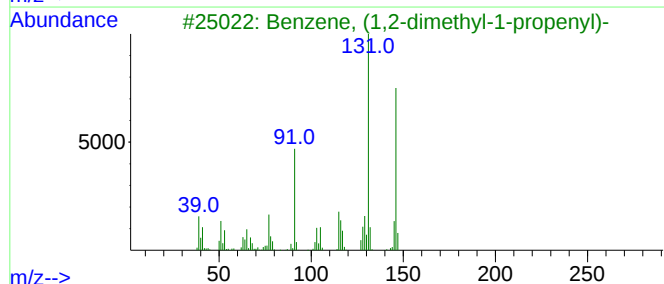
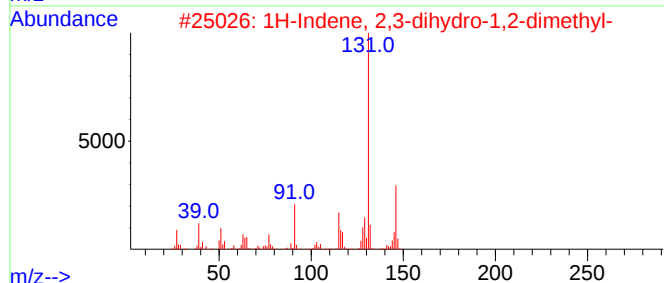
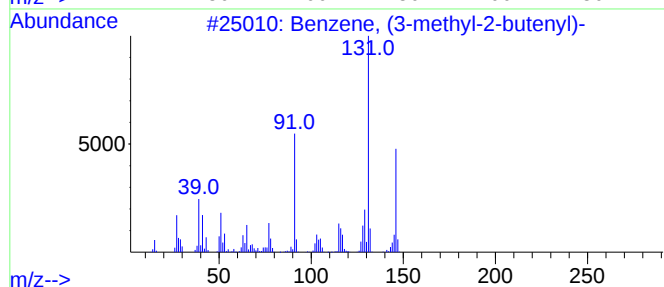
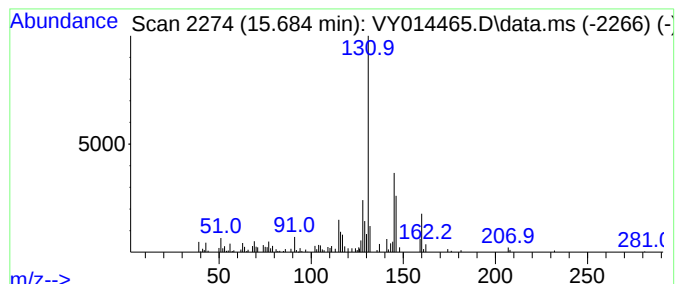
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	5.63 ug/l	90898	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
2			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
4			Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72



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ClientSampleId :
03375-04MS

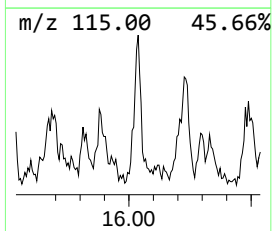
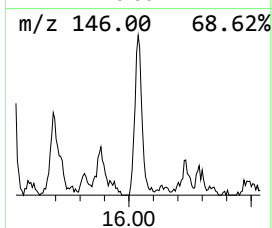
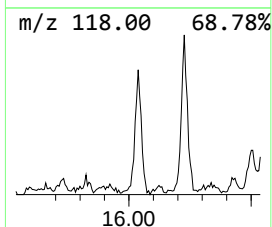
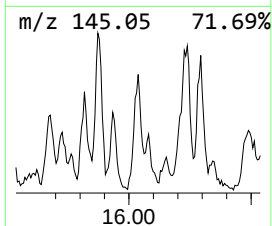
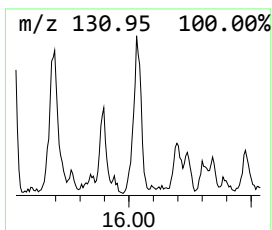
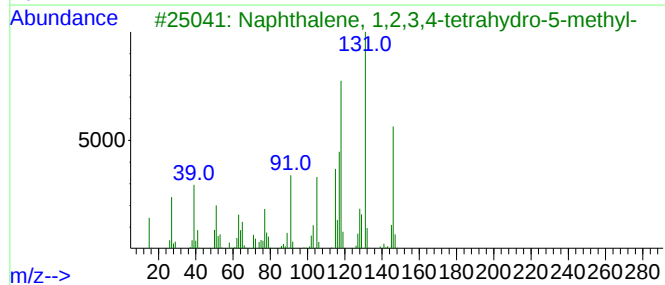
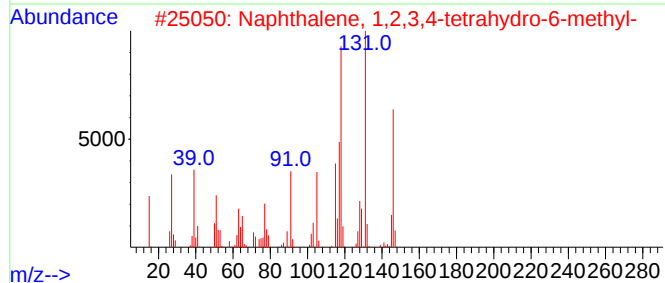
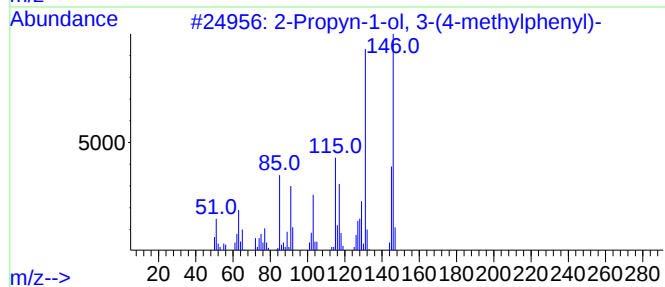
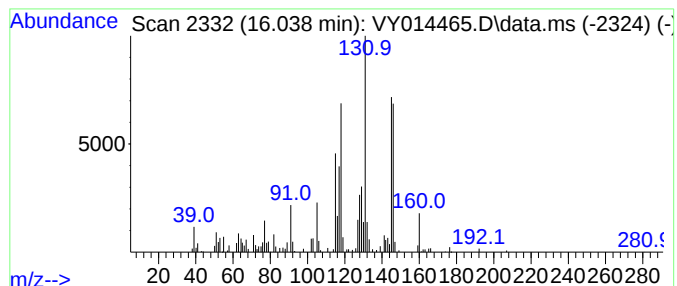
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Quant Title : SW846 8260

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

Peak Number 7 2-Propyn-1-ol, 3-(4-methylp... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.038	6.85 ug/l	110562	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	74
4			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	58
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
Data File : VY014465.D
Acq On : 27 Jun 2023 17:56
Operator : KP/MD
Sample : 03375-05
Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
03375-04MS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.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
Naphthalene, de...	14.257	5.8	ug/l	92986	4	13.428	806723	50.0
Benzene, 1-ethe...	14.684	6.4	ug/l	102964	4	13.428	806723	50.0
2,2-Dimethylind...	15.056	5.6	ug/l	90604	4	13.428	806723	50.0
Benzene, (3-met...	15.684	5.6	ug/l	90898	4	13.428	806723	50.0
2-Propyn-1-ol, ...	16.038	6.8	ug/l	110562	4	13.428	806723	50.0