

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013967.D
 Acq On : 01 Jun 2023 16:28
 Operator : KP/MD
 Sample : 02980-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-05302023

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\82Y060123S.M
 Title : SW846 8260

Signal : TIC: VY013967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.698	464	472	484	rBV3	10993	37439	3.76%	0.450%
2	5.734	634	642	655	rVB6	5266	17473	1.76%	0.210%
3	6.978	834	846	860	rBV	28985	101605	10.21%	1.222%
4	7.709	955	966	972	rBV	146118	354800	35.64%	4.268%
5	7.782	972	978	989	rVB	232221	524419	52.68%	6.309%
6	8.136	1024	1036	1048	rBV	157685	364759	36.64%	4.388%
7	8.685	1116	1126	1140	rBV	367701	729984	73.32%	8.782%
8	10.172	1362	1370	1388	rBV	574320	995549	100.00%	11.977%
9	10.575	1429	1436	1443	rBV	23855	40862	4.10%	0.492%
10	10.940	1489	1496	1507	rVB2	30513	52410	5.26%	0.631%
11	11.312	1551	1557	1562	rVB4	7433	15855	1.59%	0.191%
12	11.483	1578	1585	1595	rBV	575981	938128	94.23%	11.286%
13	11.733	1622	1626	1630	rVV2	10620	19317	1.94%	0.232%
14	11.995	1663	1669	1676	rBV7	12099	33610	3.38%	0.404%
15	12.196	1692	1702	1705	rBV6	8933	23867	2.40%	0.287%
16	12.239	1705	1709	1714	rVV3	15941	34225	3.44%	0.412%
17	12.330	1718	1724	1736	rVB5	40361	103792	10.43%	1.249%
18	12.477	1741	1748	1755	rBV	494127	785829	78.93%	9.454%
19	12.568	1759	1763	1767	rBV5	7463	12764	1.28%	0.154%
20	12.641	1772	1775	1782	rVB7	13071	23986	2.41%	0.289%
21	12.727	1782	1789	1794	rBV8	10195	30003	3.01%	0.361%
22	12.806	1796	1802	1807	rBV2	44304	76643	7.70%	0.922%
23	12.861	1807	1811	1812	rVV3	17593	25802	2.59%	0.310%
24	12.885	1812	1815	1821	rVB	33072	52372	5.26%	0.630%
25	12.946	1821	1825	1828	rBV4	13605	18060	1.81%	0.217%
26	12.989	1828	1832	1838	rVV6	6304	14511	1.46%	0.175%
27	13.166	1857	1861	1869	rBV6	12601	24722	2.48%	0.297%
28	13.245	1869	1874	1877	rBV6	11504	17948	1.80%	0.216%
29	13.312	1877	1885	1889	rBV6	41217	90672	9.11%	1.091%
30	13.422	1897	1903	1913	rBV	589582	930942	93.51%	11.200%
31	13.617	1930	1935	1938	rBV5	8655	14817	1.49%	0.178%
32	13.659	1938	1942	1950	rVV2	22060	32861	3.30%	0.395%
33	13.745	1951	1956	1960	rBV4	45010	79497	7.99%	0.956%
34	13.794	1960	1964	1971	rVV4	22135	42297	4.25%	0.509%
35	13.848	1971	1973	1980	rVB5	18196	25934	2.60%	0.312%
36	13.964	1980	1992	2001	rVB6	61833	176951	17.77%	2.129%

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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	14.074	2005	2010	2014	rVB3	33925	52595	5.28%	0.633%
38	14.135	2014	2020	2026	rBV6	25162	60509	6.08%	0.728%
39	14.202	2027	2031	2035	rVB5	19037	29696	2.98%	0.357%
40	14.251	2035	2039	2043	rBV4	47102	75827	7.62%	0.912%
41	14.293	2043	2046	2049	rVV2	15358	19684	1.98%	0.237%
42	14.330	2049	2052	2056	rVB	37520	47997	4.82%	0.577%
43	14.379	2056	2060	2063	rBV3	23270	34510	3.47%	0.415%
44	14.415	2063	2066	2070	rVB	45811	58999	5.93%	0.710%
45	14.519	2080	2083	2086	rBV4	9758	12248	1.23%	0.147%
46	14.610	2094	2098	2103	rVB4	26893	42774	4.30%	0.515%
47	14.671	2103	2108	2114	rBV4	63100	143350	14.40%	1.725%
48	14.732	2114	2118	2123	rVB3	37540	54008	5.42%	0.650%
49	14.787	2123	2127	2131	rBV4	16173	31855	3.20%	0.383%
50	14.940	2148	2152	2156	rBV3	36136	63029	6.33%	0.758%
51	15.049	2165	2170	2179	rVB5	37124	92329	9.27%	1.111%
52	15.245	2198	2202	2206	rBV6	11329	17792	1.79%	0.214%
53	15.287	2206	2209	2215	rBV3	31914	61025	6.13%	0.734%
54	15.427	2230	2232	2240	rVB8	18353	36038	3.62%	0.434%
55	15.525	2242	2248	2254	rBV6	14560	38106	3.83%	0.458%
56	15.683	2265	2274	2277	rBV7	25956	72253	7.26%	0.869%
57	15.726	2277	2281	2286	rVB2	47108	83602	8.40%	1.006%
58	16.031	2324	2331	2339	rBV3	50882	104847	10.53%	1.261%
59	16.226	2355	2363	2369	rBV	46027	100175	10.06%	1.205%
60	16.293	2369	2374	2377	rBV3	11119	19107	1.92%	0.230%
61	16.500	2399	2408	2412	rBV8	15222	47814	4.80%	0.575%
62	16.543	2413	2415	2420	rVV6	11801	17118	1.72%	0.206%
63	16.622	2423	2428	2436	rVB6	12655	30126	3.03%	0.362%

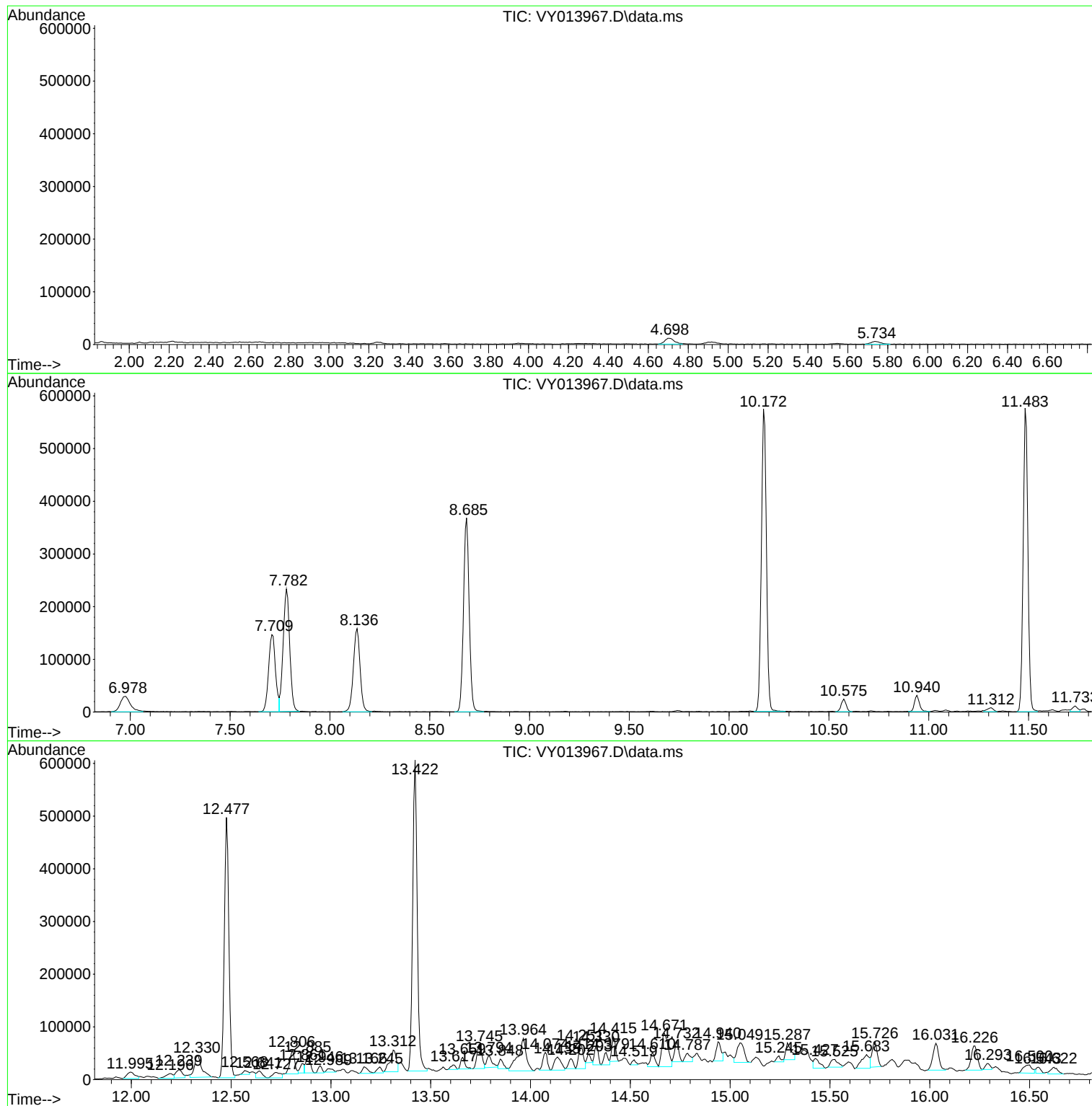
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Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

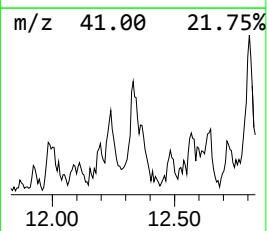
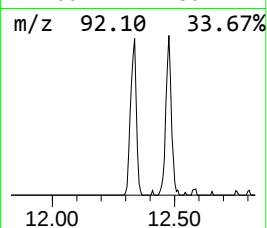
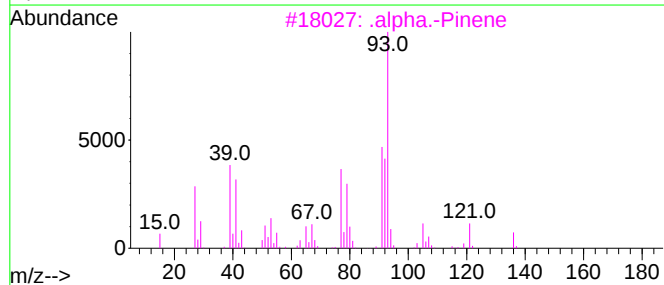
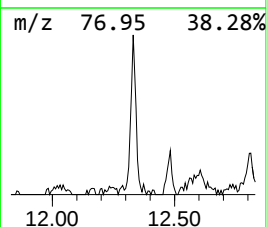
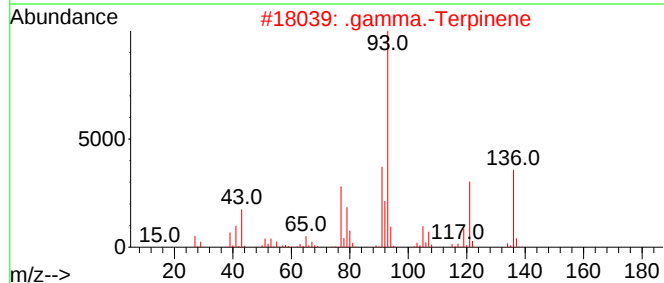
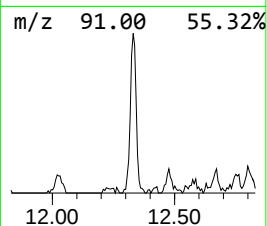
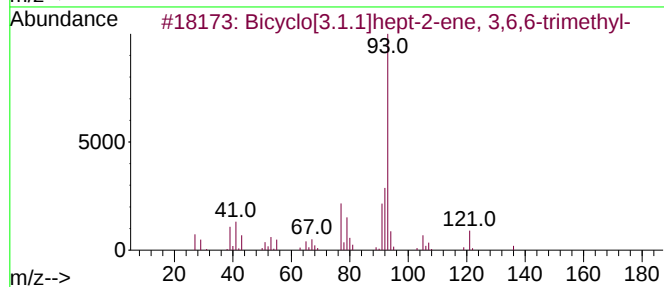
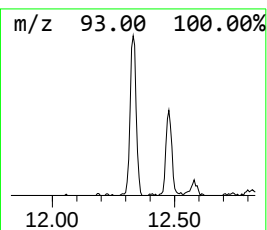
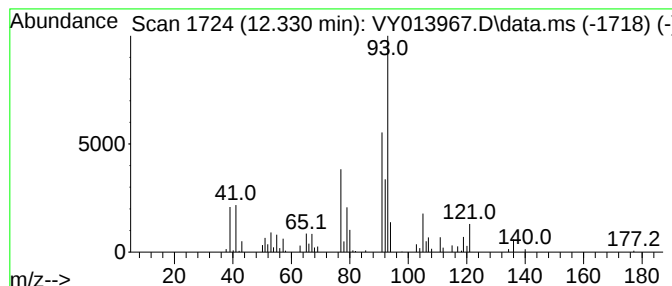
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.330	5.53 ug/l	103792	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
2			.gamma.-Terpinene	136	C10H16	000099-85-4	91
3			.alpha.-Pinene	136	C10H16	000080-56-8	87
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	83



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Instrument :
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ClientSampleId :
EO-01-05302023

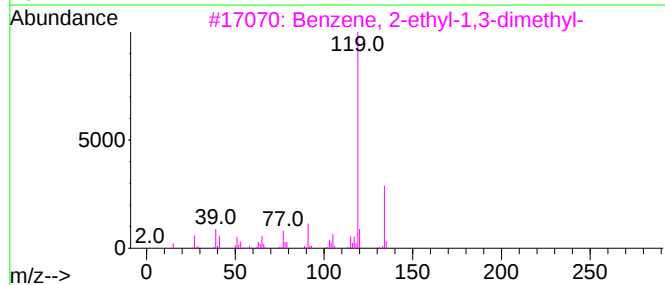
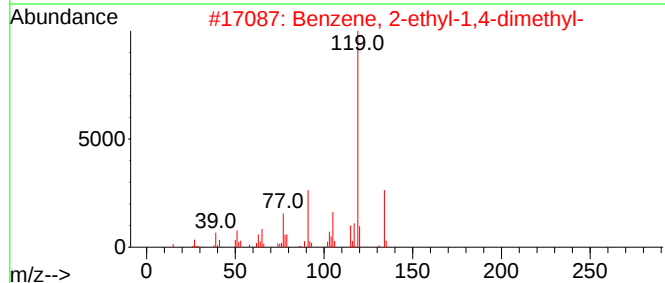
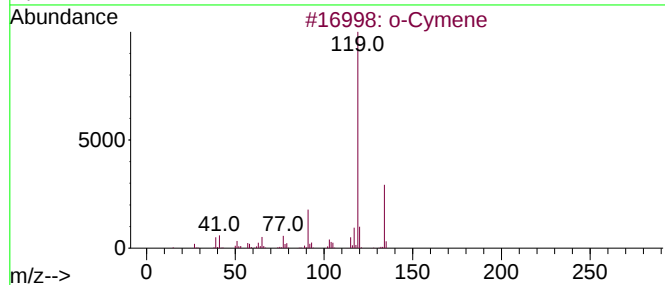
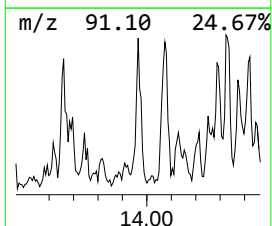
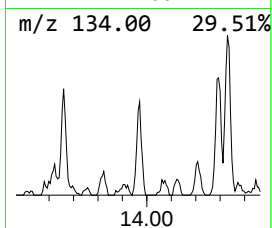
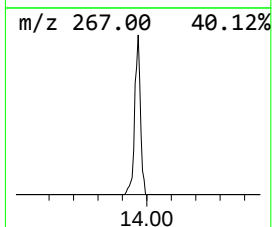
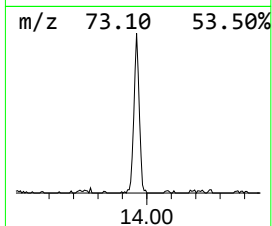
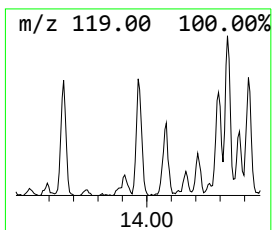
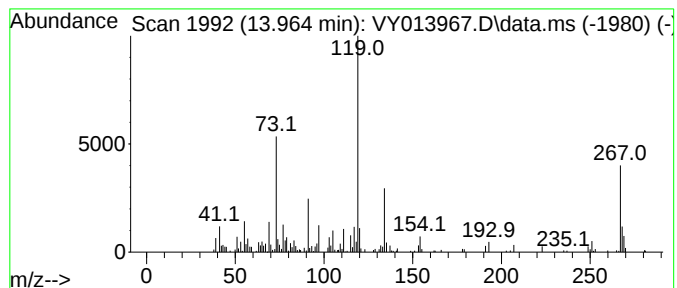
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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.
13.964	9.50 ug/l	176951	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	87
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5			p-Cymene	134	C10H14	000099-87-6	60



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

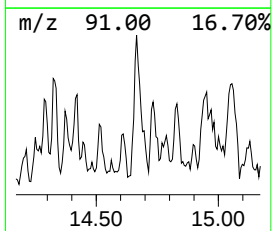
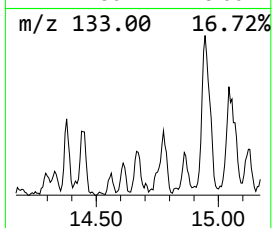
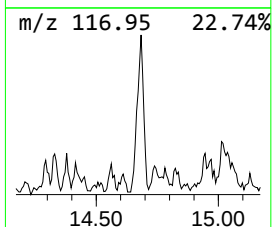
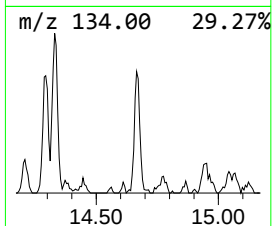
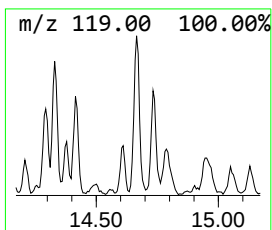
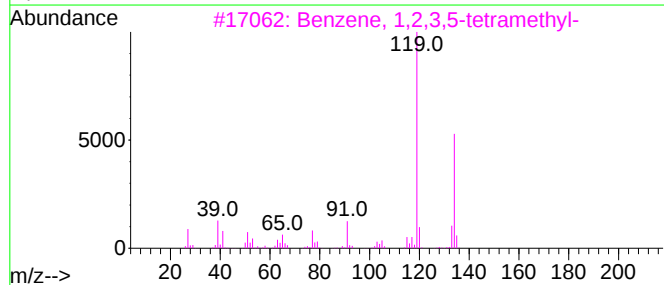
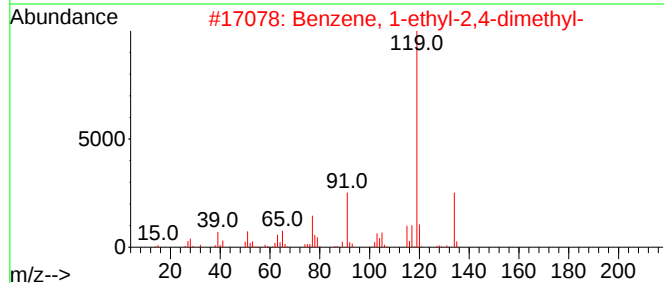
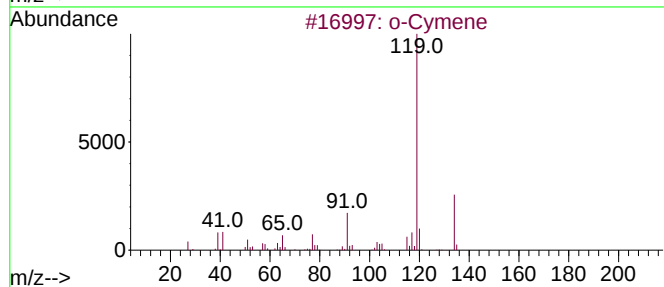
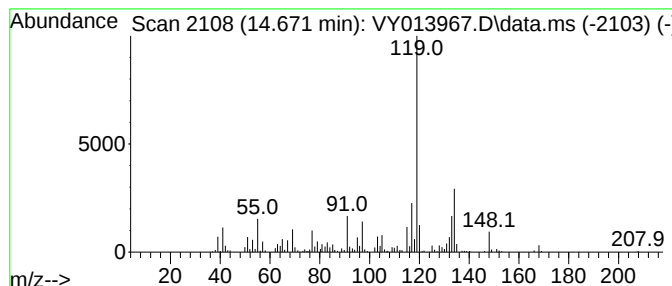
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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.
14.671	7.70 ug/l	143350	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70



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Instrument :
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ClientSampleId :
EO-01-05302023

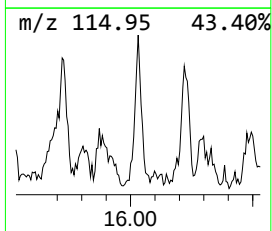
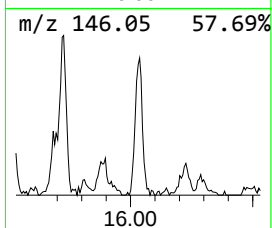
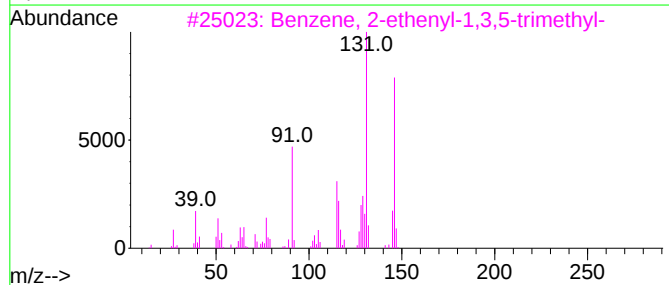
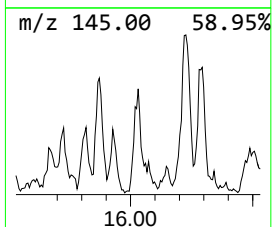
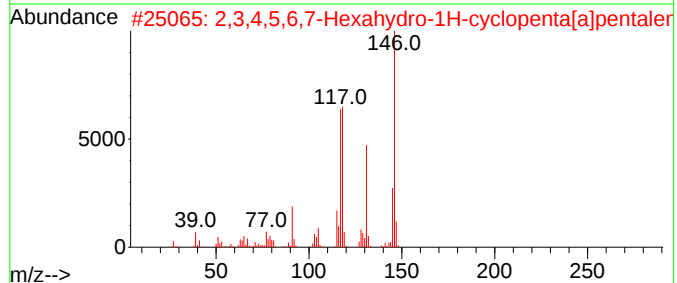
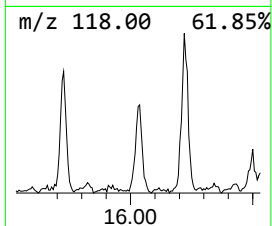
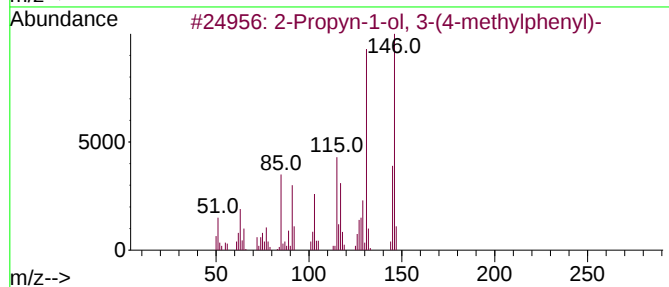
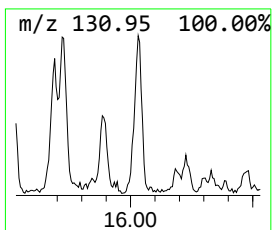
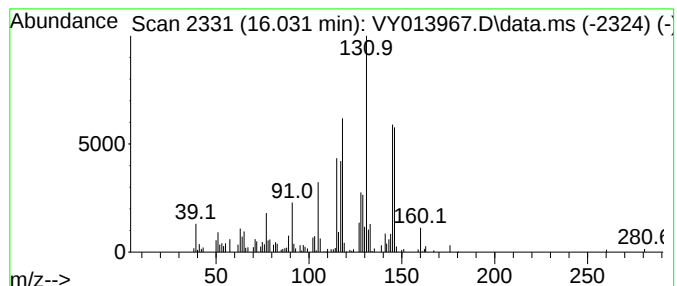
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Propyn-1-ol, 3-(4-methylp... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	5.63 ug/l	104847	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62
2			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	62
3			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
Data File : VY013967.D
Acq On : 01 Jun 2023 16:28
Operator : KP/MD
Sample : 02980-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

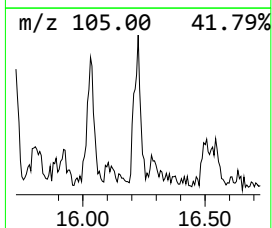
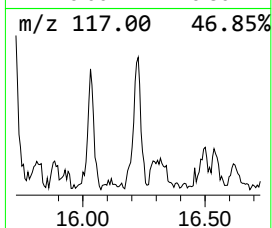
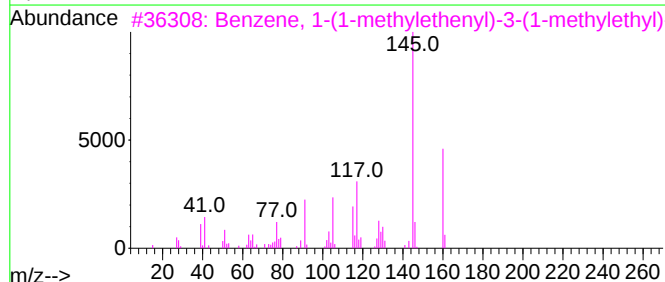
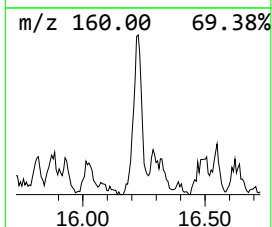
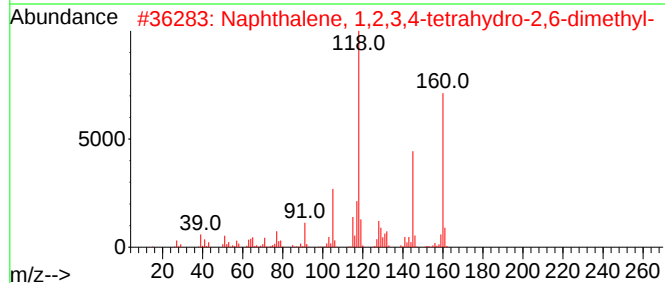
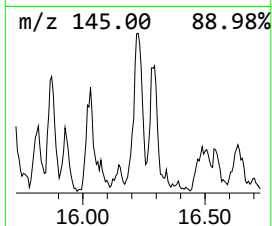
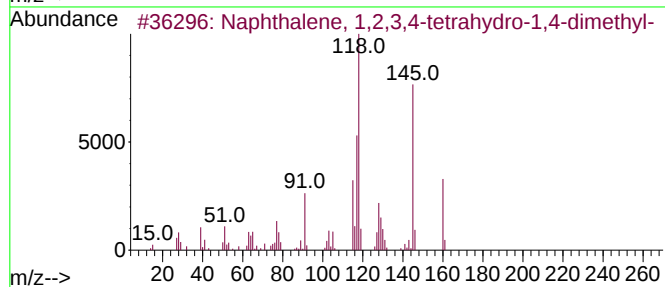
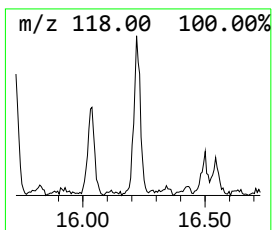
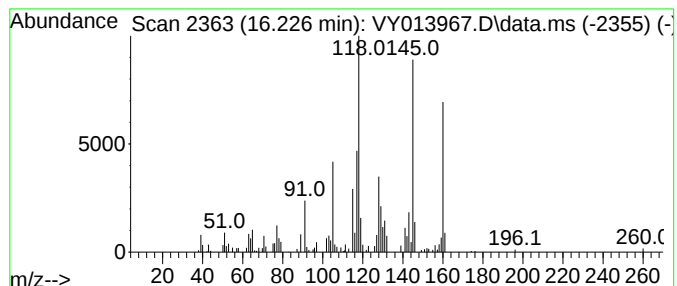
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.226	5.38 ug/l	100175	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
3			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
5			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
Data File : VY013967.D
Acq On : 01 Jun 2023 16:28
Operator : KP/MD
Sample : 02980-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-05302023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.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
Bicyclo[3.1.1]h...	12.330	5.5	ug/l	103792	3	11.483	938128	50.0
o-Cymene	13.964	9.5	ug/l	176951	4	13.422	930942	50.0
Benzene, 1-ethy...	14.671	7.7	ug/l	143350	4	13.422	930942	50.0
2-Propyn-1-ol, ...	16.031	5.6	ug/l	104847	4	13.422	930942	50.0
Naphthalene, 1,...	16.226	5.4	ug/l	100175	4	13.422	930942	50.0