

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009123.D
 Acq On : 02 Jun 2022 13:31
 Operator : KP/MD
 Sample : N3099-01
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220417-COMPOSITE-F

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\82Y052022S.M
 Title : SW846 8260

Signal : TIC: VY009123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	13	rVB3	6048	9837	1.35%	0.165%
2	2.071	35	41	45	rBV	4783	7477	1.02%	0.125%
3	2.247	60	70	81	rBV2	140813	240914	33.02%	4.034%
4	2.522	108	115	122	rBV5	11005	29174	4.00%	0.489%
5	2.796	154	160	168	rVB	16841	33705	4.62%	0.564%
6	2.900	169	177	188	rBV	107213	238190	32.65%	3.989%
7	3.174	216	222	228	rBV3	7050	16130	2.21%	0.270%
8	3.247	228	234	244	rVB3	14082	31088	4.26%	0.521%
9	3.863	327	335	342	rBV2	17814	47930	6.57%	0.803%
10	3.936	342	347	357	rVV	13008	37617	5.16%	0.630%
11	4.704	456	473	477	rBV7	14061	46443	6.37%	0.778%
12	5.228	547	559	575	rBV5	19452	71995	9.87%	1.206%
13	5.741	634	643	654	rVB6	6695	19813	2.72%	0.332%
14	6.015	676	688	705	rVB	75236	232608	31.88%	3.895%
15	6.789	804	815	827	rVB3	22932	72306	9.91%	1.211%
16	6.978	834	846	856	rBV	99371	278116	38.12%	4.657%
17	7.716	956	967	972	rBV	95278	234198	32.10%	3.922%
18	7.783	972	978	987	rVV	188130	441393	60.50%	7.391%
19	7.868	987	992	999	rVB2	10634	24488	3.36%	0.410%
20	7.996	1006	1013	1017	rBV3	7099	15753	2.16%	0.264%
21	8.051	1017	1022	1028	rVV3	13483	32150	4.41%	0.538%
22	8.136	1028	1036	1046	rVV	101132	232184	31.82%	3.888%
23	8.271	1046	1058	1065	rVV7	16464	46219	6.34%	0.774%
24	8.350	1065	1071	1075	rVV4	12764	29756	4.08%	0.498%
25	8.417	1075	1082	1090	rVB2	25046	57437	7.87%	0.962%
26	8.685	1118	1126	1136	rBV	237548	471958	64.69%	7.903%
27	8.935	1157	1167	1176	rBV4	23820	50854	6.97%	0.852%
28	9.179	1194	1207	1215	rBV	63449	163016	22.34%	2.730%
29	9.368	1232	1238	1245	rVB3	6545	12974	1.78%	0.217%
30	9.459	1245	1253	1260	rVB2	9087	17825	2.44%	0.298%
31	9.606	1266	1277	1284	rVB2	11875	23376	3.20%	0.391%
32	9.935	1325	1331	1337	rBV5	6596	13794	1.89%	0.231%
33	10.179	1363	1371	1387	rVV	415678	729575	100.00%	12.217%
34	10.343	1387	1398	1408	rVB4	14766	41011	5.62%	0.687%
35	10.520	1419	1427	1433	rVB2	25977	47407	6.50%	0.794%
36	10.618	1438	1443	1449	rVB2	12395	21402	2.93%	0.358%

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37	10.721	1454	1460	1466	rVB2	11242	19814	2.72%	0.332%
38	10.941	1491	1496	1501	rBV	8667	16359	2.24%	0.274%
39	11.002	1502	1506	1508	rVV3	7841	12240	1.68%	0.205%
40	11.038	1508	1512	1516	rVV	14267	23430	3.21%	0.392%
41	11.087	1516	1520	1526	rVB	12045	19922	2.73%	0.334%
42	11.490	1579	1586	1596	rBV	354994	593383	81.33%	9.936%
43	11.581	1596	1601	1605	rBV	8767	15135	2.07%	0.253%
44	11.740	1621	1627	1638	rVB8	8226	21695	2.97%	0.363%
45	12.026	1661	1674	1681	rBV5	7045	24094	3.30%	0.403%
46	12.203	1697	1703	1708	rBV4	7954	14237	1.95%	0.238%
47	12.331	1719	1724	1730	rVB	16456	26224	3.59%	0.439%
48	12.483	1742	1749	1756	rBV2	259640	416668	57.11%	6.977%
49	12.556	1756	1761	1767	rVV5	3887	8199	1.12%	0.137%
50	12.648	1769	1776	1782	rVB6	4542	9234	1.27%	0.155%
51	12.843	1794	1808	1815	rVB	29197	54040	7.41%	0.905%
52	12.971	1823	1829	1836	rVB3	6912	12435	1.70%	0.208%
53	13.075	1837	1846	1851	rVB4	5320	10747	1.47%	0.180%
54	13.251	1867	1875	1879	rBV2	11920	22708	3.11%	0.380%
55	13.428	1897	1904	1910	rBV	293028	457623	62.72%	7.663%
56	13.745	1951	1956	1963	rVB7	3824	7493	1.03%	0.125%
57	13.965	1988	1992	1996	rVB2	8014	12499	1.71%	0.209%
58	14.081	2004	2011	2016	rBV4	8538	16866	2.31%	0.282%
59	14.404	2056	2064	2072	rBV8	8347	19563	2.68%	0.328%
60	15.050	2165	2170	2178	rVB7	3383	9427	1.29%	0.158%
61	15.611	2256	2262	2269	rVB8	3549	7671	1.05%	0.128%

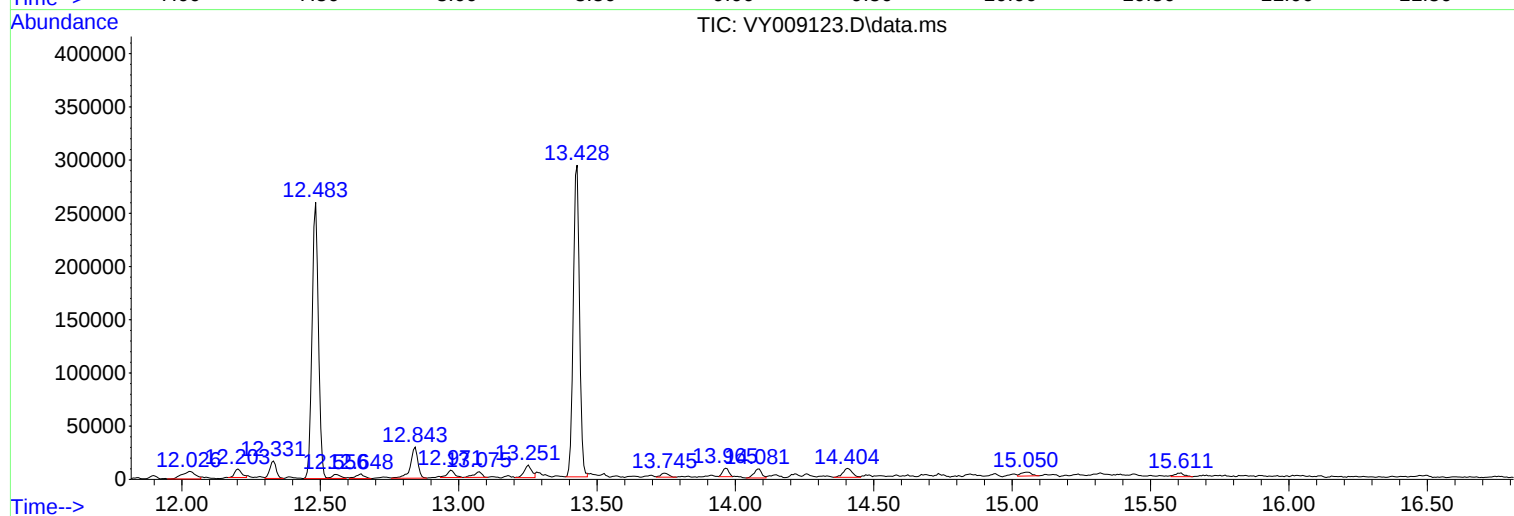
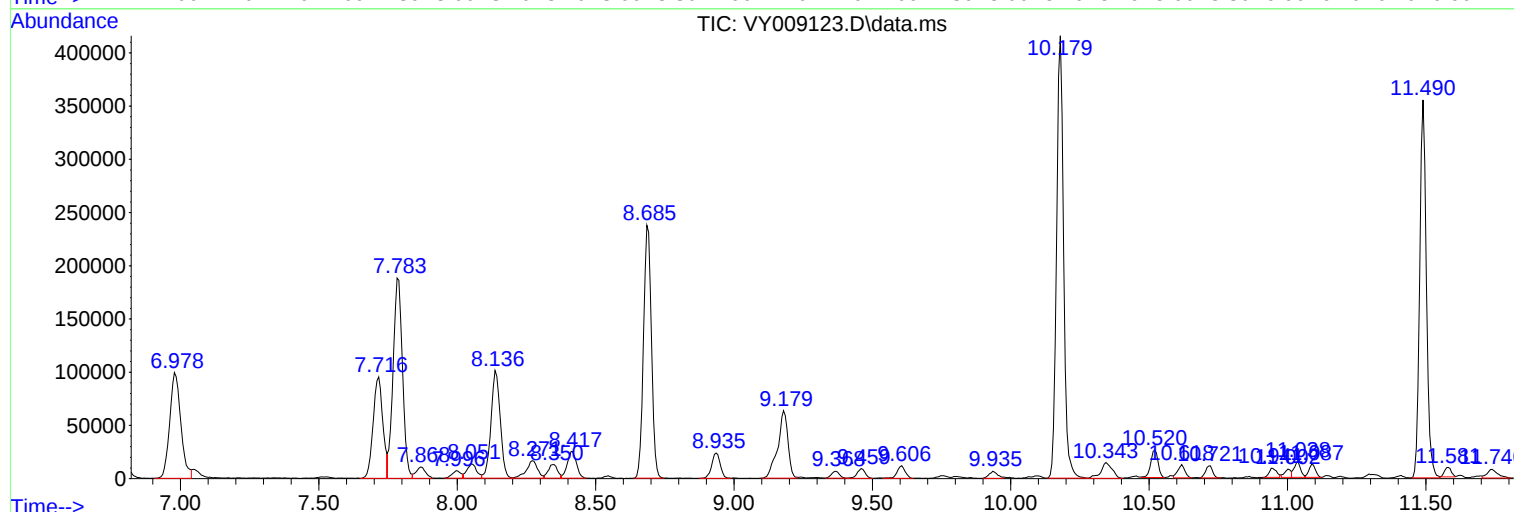
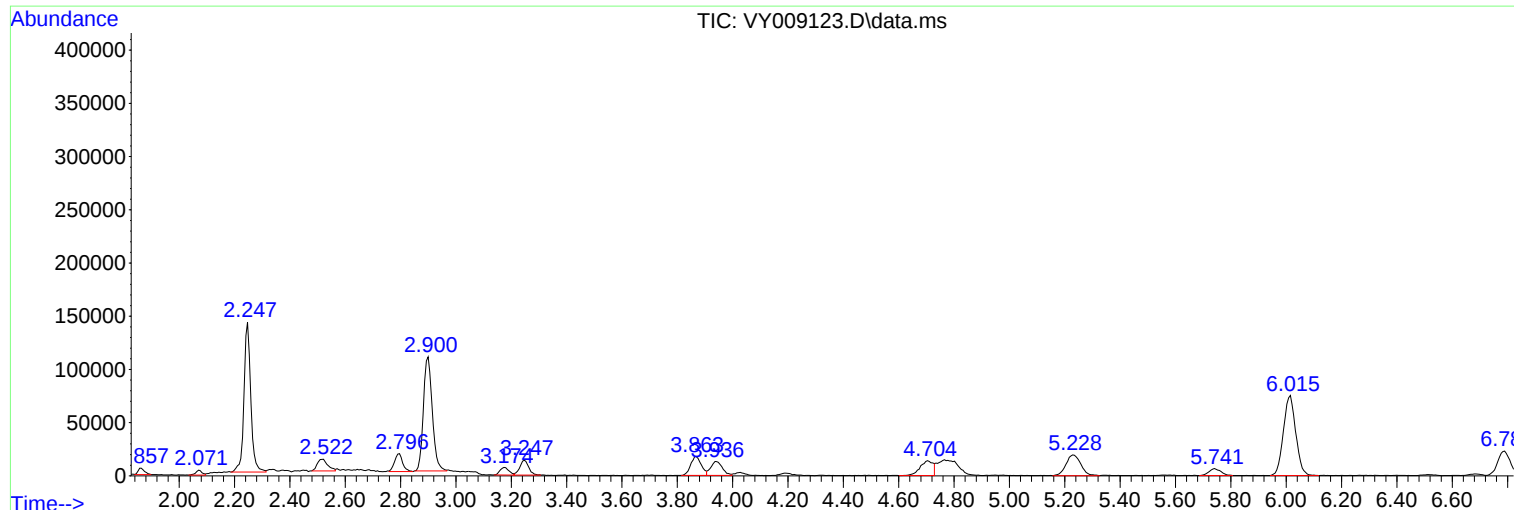
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Quant Title : SW846 8260

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



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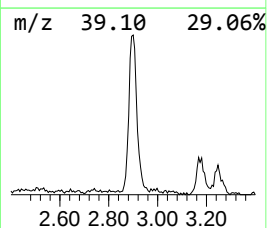
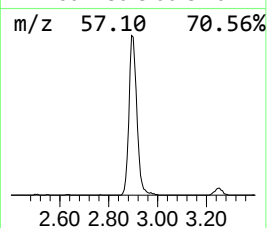
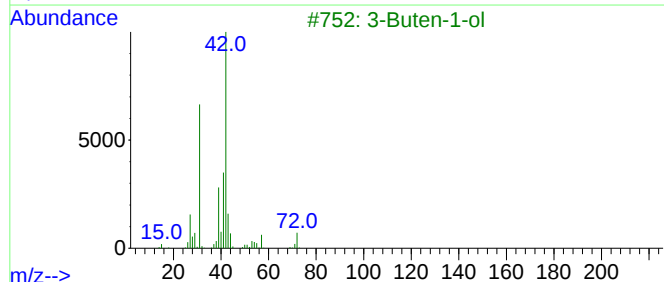
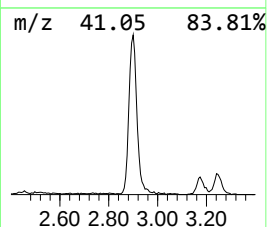
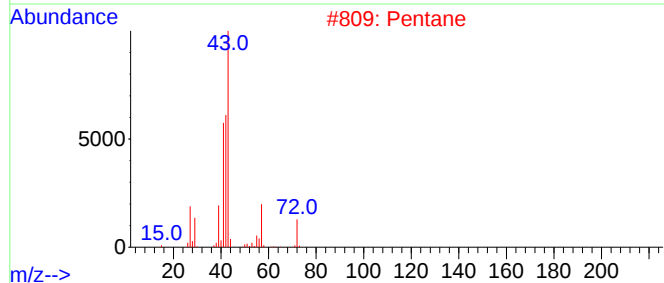
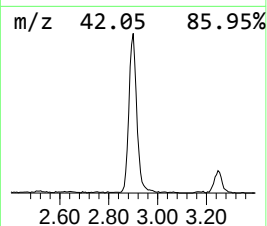
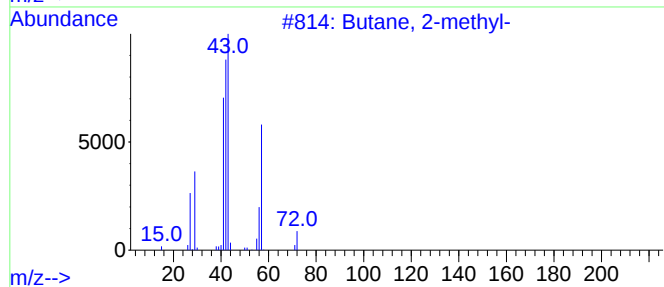
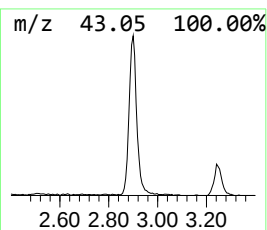
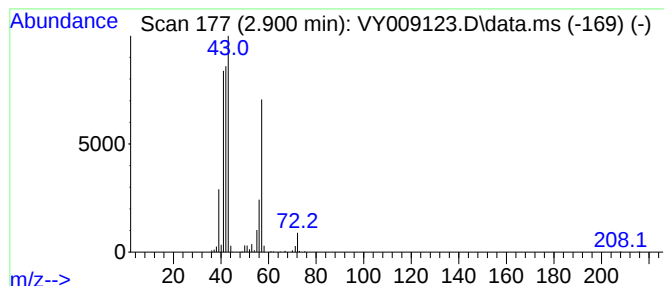
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.900	26.98 ug/l	238190	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			Pentane	72	C5H12	000109-66-0	37
3			3-Buten-1-ol	72	C4H8O	000627-27-0	28
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	12
5			1,1-Diisobutoxy-butane	202	C12H26O2	013002-16-9	10



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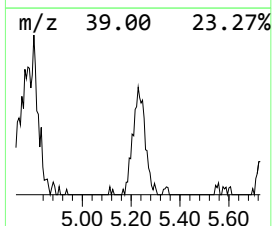
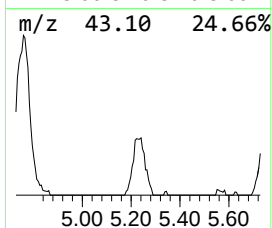
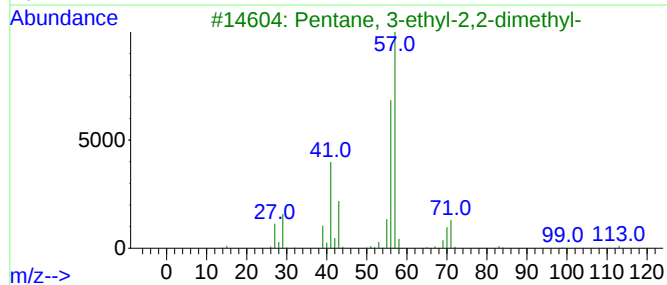
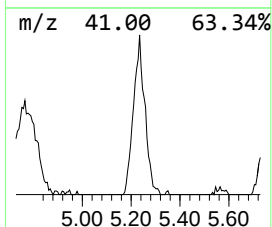
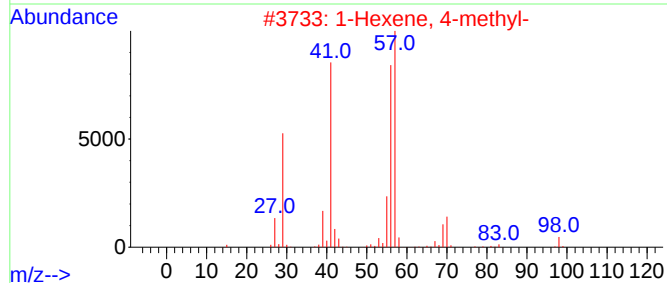
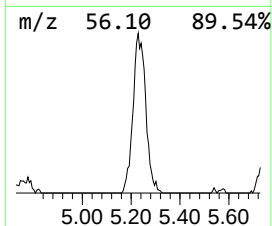
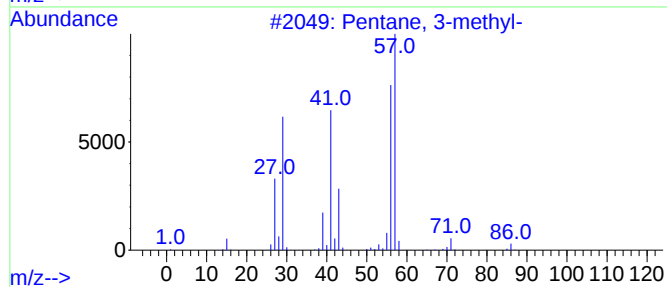
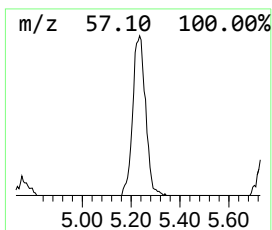
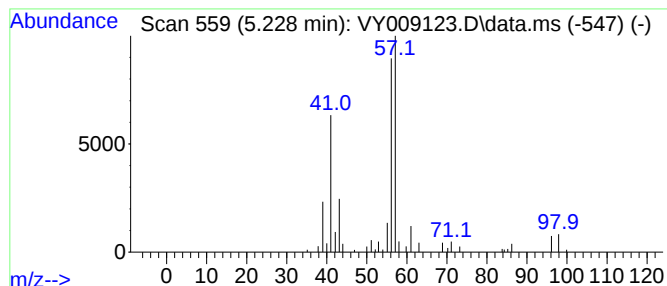
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.228	8.16 ug/l	71995	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	64
3			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	45
5			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	45



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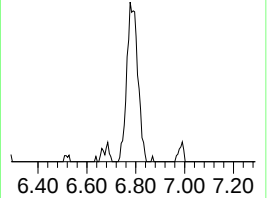
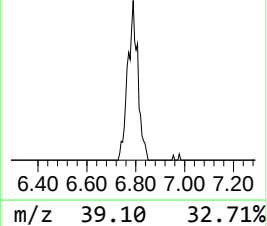
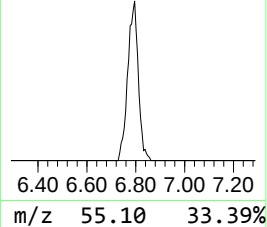
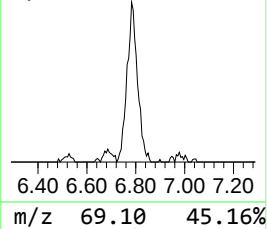
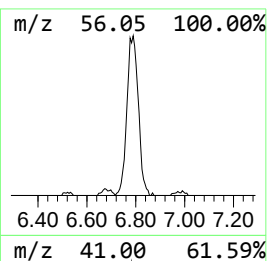
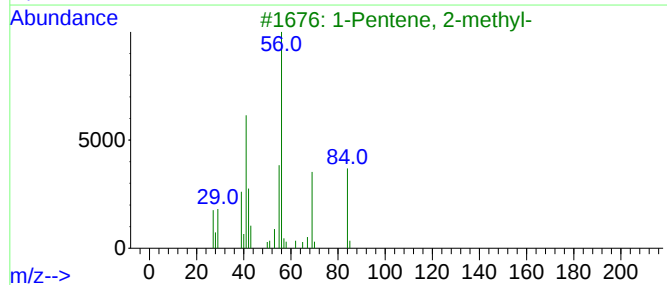
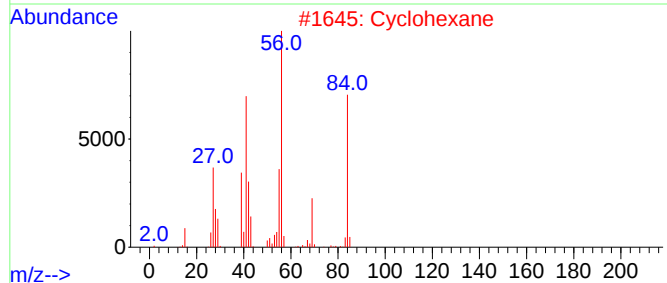
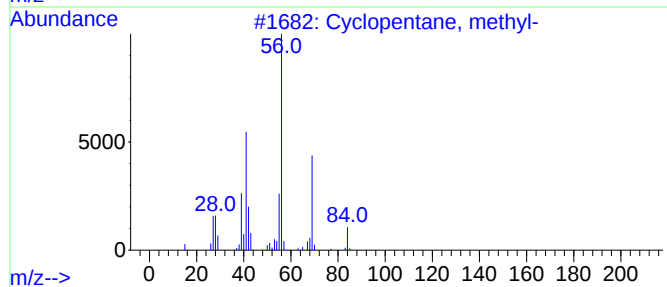
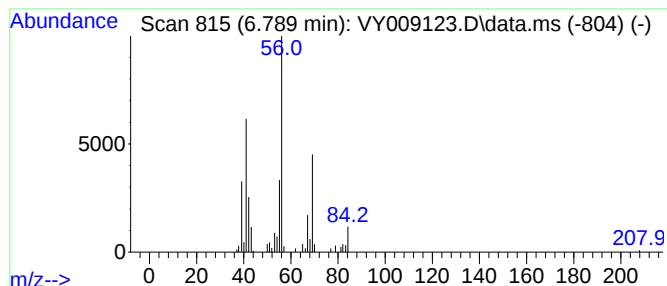
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.789	8.19 ug/l	72306	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclohexane	84	C6H12	000110-82-7	64
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
4			Cyclobutane	56	C4H8	000287-23-0	43
5			1-Heptene, 2-methyl-	112	C8H16	015870-10-7	42



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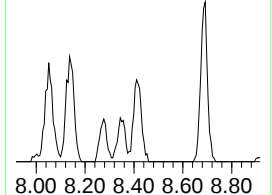
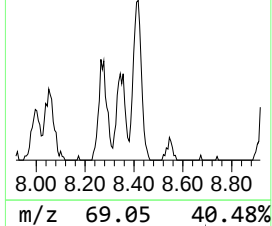
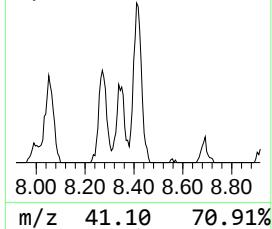
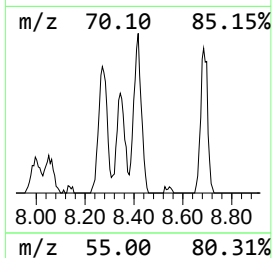
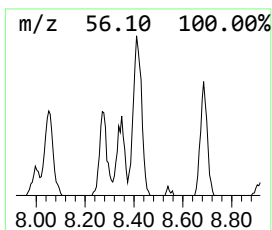
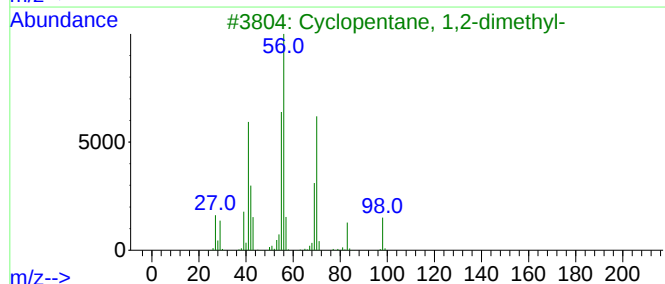
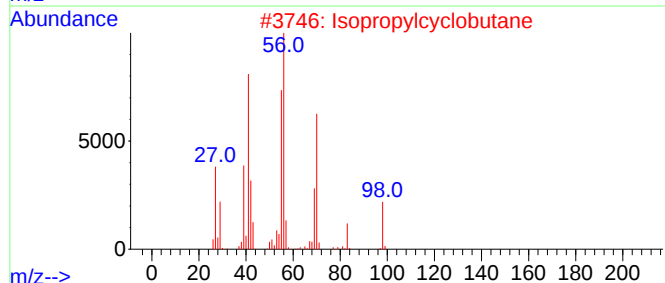
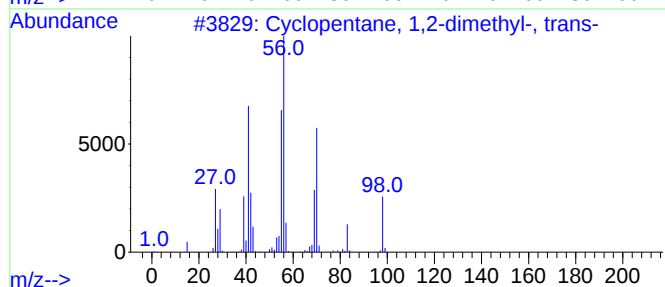
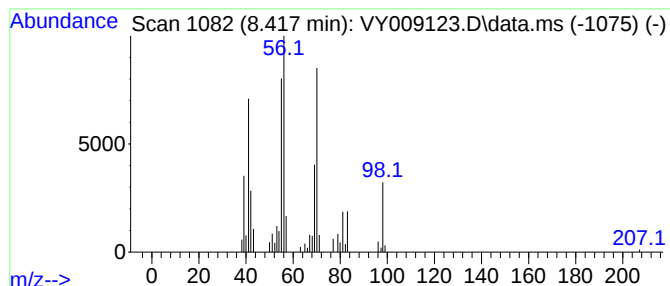
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Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.417	6.08 ug/l	57437	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	93
2			Isopropylcyclobutane	98	C7H14	000872-56-0	93
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	86
5			2-Heptene, (E)-	98	C7H14	014686-13-6	55



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Misc : 4.18g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 7 Sample Multiplier: 1

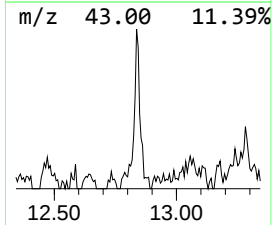
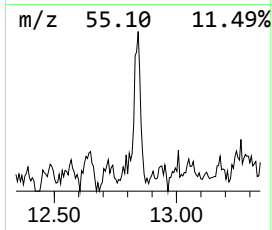
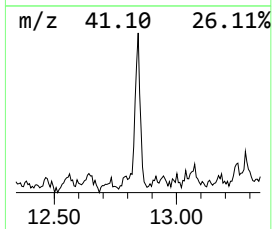
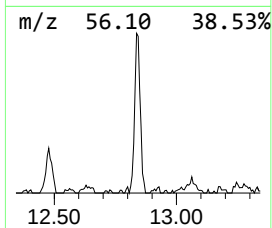
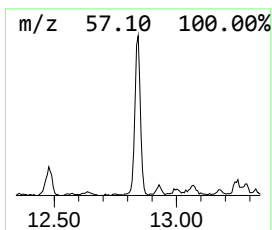
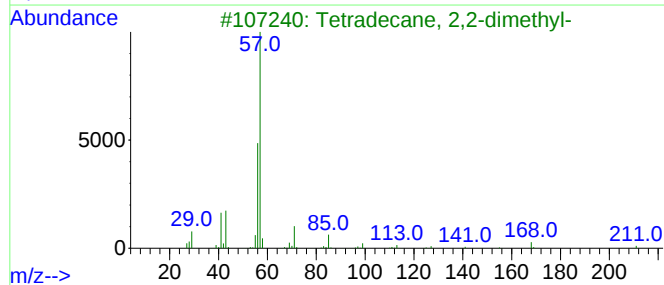
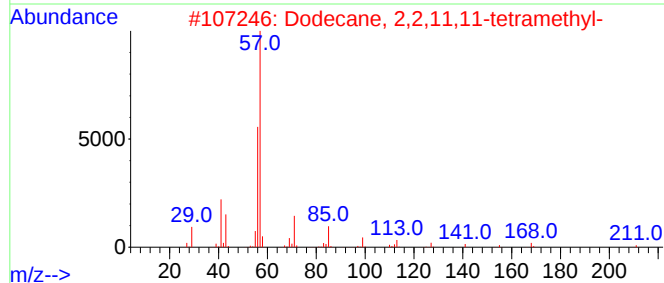
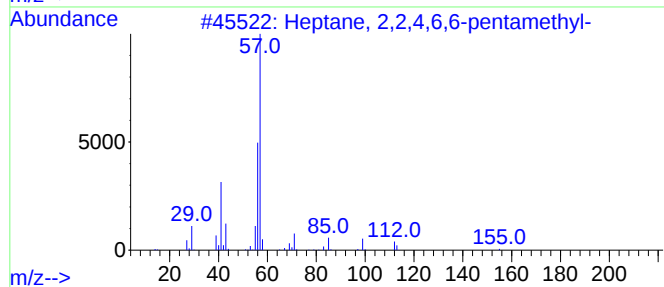
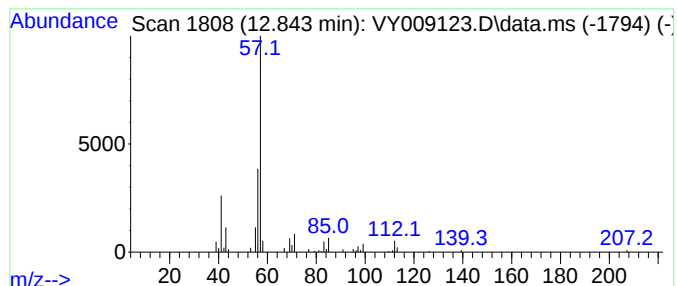
Instrument :
MSVOA_Y
ClientSampleId :
20220417-COMPOSITE-F

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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

Peak Number 6 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.843	5.90 ug/l	54040	1,4-Dichlorobenzene-d4		13.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
2	Dodecane, 2,2,11,11-tetramethyl-		226	C16H34	127204-12-0	64
3	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	64
4	Butane, 2,2,3,3-tetramethyl-		114	C8H18	000594-82-1	59
5	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
Data File : VY009123.D
Acq On : 02 Jun 2022 13:31
Operator : KP/MD
Sample : N3099-01
Misc : 4.18g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220417-COMPOSITE-F

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.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
Butane, 2-methyl-	2.900	27.0	ug/l	238190	1	7.789	441393	50.0
Pentane, 3-methyl-	5.228	8.2	ug/l	71995	1	7.789	441393	50.0
Cyclopentane, m...	6.789	8.2	ug/l	72306	1	7.789	441393	50.0
Cyclopentane, 1...	8.417	6.1	ug/l	57437	2	8.685	471958	50.0
Heptane, 2,2,4,...	12.843	5.9	ug/l	54040	4	13.428	457623	50.0