

Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF122018\
 Data File : VF061106.D
 Acq On : 20 Dec 2018 14:19
 Operator : VA/AP
 Sample : J6377-04
 Misc : 4.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD014-0612-01

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.998	132	139	141	rBV	2235115	5326941	4.87%	1.309%
2	2.058	141	145	153	rVV	2697072	11156039	10.20%	2.741%
3	2.176	153	157	160	rVV	2420051	6600560	6.03%	1.622%
4	2.245	160	164	173	rVV	3143432	13203800	12.07%	3.244%
5	2.393	173	179	183	rVV	10114329	30286282	27.69%	7.441%
6	2.442	183	184	207	rVB	2479751	8659728	7.92%	2.128%
7	2.945	227	235	238	rBV	6284894	20041102	18.32%	4.924%
8	3.005	238	241	244	rVV	1579733	4839798	4.42%	1.189%
9	3.705	303	312	313	rBV2	1038622	3114954	2.85%	0.765%
10	3.764	314	318	336	rVV2	1716649	8976828	8.21%	2.206%
11	4.021	337	344	350	rVV	736943	2771549	2.53%	0.681%
12	4.386	376	381	386	rBV	387550	1225411	1.12%	0.301%
13	4.691	405	412	424	rVB	2453210	8739663	7.99%	2.147%
14	5.461	474	490	495	rBV	2238065	8689051	7.94%	2.135%
15	6.822	619	628	643	rVB	307786	1118202	1.02%	0.275%
16	7.493	691	696	700	rVV	680643	1852375	1.69%	0.455%
17	7.631	706	710	717	rVV	937804	2555561	2.34%	0.628%
18	8.469	791	795	803	rVB	455710	1271118	1.16%	0.312%
19	9.130	857	862	871	rVB2	727896	2384042	2.18%	0.586%
20	9.308	873	880	885	rBV	565145	1809237	1.65%	0.445%
21	9.821	925	932	937	rBV	3755205	12268604	11.22%	3.014%
22	9.929	937	943	958	rVB	4421475	17875707	16.34%	4.392%
23	10.255	959	976	977	rBV	17009092	109391389	100.00%	26.876%
24	10.758	1016	1027	1031	rBV	10534177	25992504	23.76%	6.386%
25	11.133	1060	1065	1071	rVV2	1078596	2481919	2.27%	0.610%
26	11.587	1105	1111	1117	rBV2	8698229	24131620	22.06%	5.929%
27	11.725	1121	1125	1129	rVV	4046518	8285351	7.57%	2.036%
28	11.833	1133	1136	1140	rVB	2772134	4247752	3.88%	1.044%
29	12.030	1151	1156	1159	rVB2	1430692	2937748	2.69%	0.722%
30	12.218	1171	1175	1179	rVB	7309727	12349718	11.29%	3.034%
31	12.474	1199	1201	1205	rVV3	1112350	1986457	1.82%	0.488%
32	12.573	1205	1211	1214	rVV	7062466	13886058	12.69%	3.412%
33	12.622	1214	1216	1219	rVB	2856788	3980465	3.64%	0.978%
34	12.731	1223	1227	1230	rBV2	634453	1389330	1.27%	0.341%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	12.780	1230	1232	1234	rVV	1007440	1582098	1.45%	0.389%
36	12.839	1234	1238	1243	rVB3	1214673	3139550	2.87%	0.771%
37	13.096	1259	1264	1268	rBV	949895	2566286	2.35%	0.631%
38	13.155	1268	1270	1276	rBV	1265502	1810356	1.65%	0.445%
39	13.293	1279	1284	1287	rVV2	1710267	3237412	2.96%	0.795%
40	13.500	1302	1305	1307	rBV	972824	1277823	1.17%	0.314%
41	13.540	1307	1309	1312	rBV	1155901	1629932	1.49%	0.400%
42	13.707	1324	1326	1330	rBV2	787083	1274713	1.17%	0.313%
43	13.855	1338	1341	1346	rVV3	941604	2139722	1.96%	0.526%
44	14.151	1367	1371	1376	rBV6	390395	1112489	1.02%	0.273%
45	14.457	1397	1402	1405	rBV	981332	1421472	1.30%	0.349%

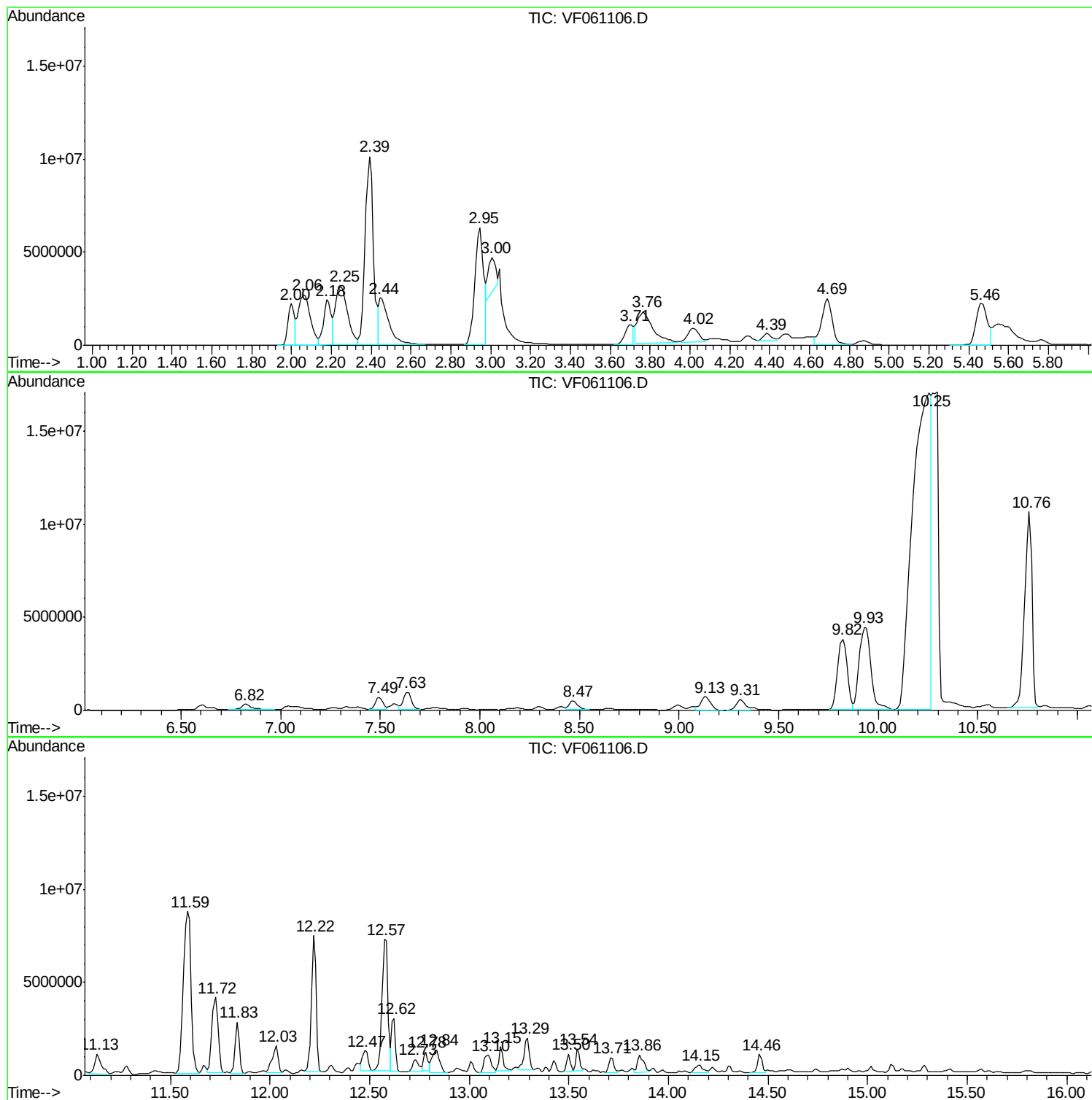
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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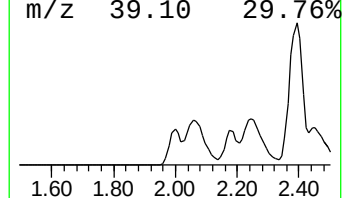
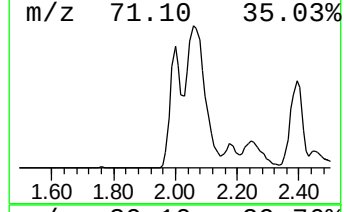
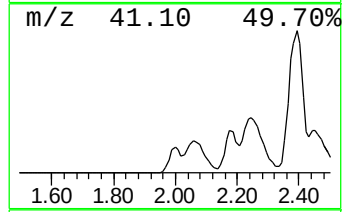
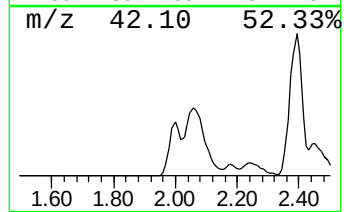
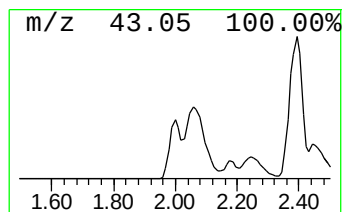
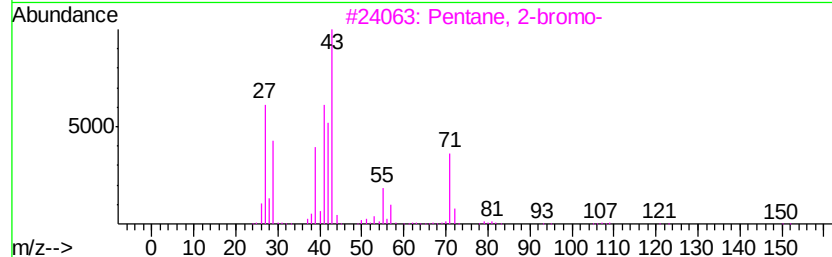
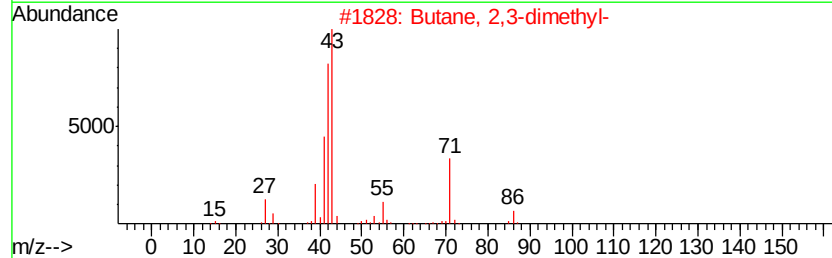
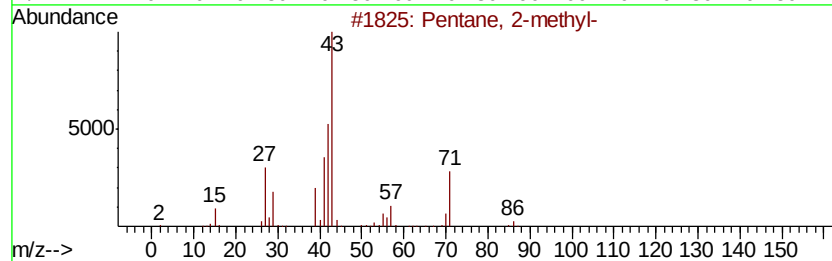
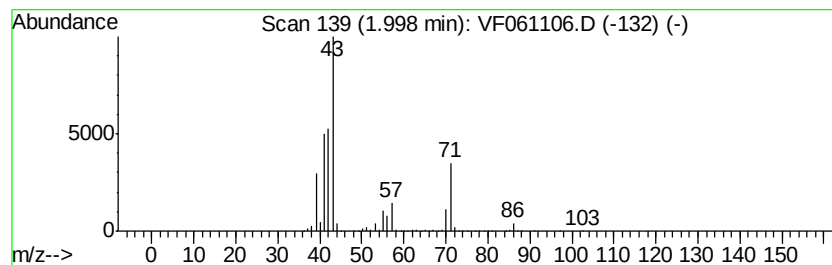
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	30.48 ug/l	5326940	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
3		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	50
4		C2H5C(CH3)2COCH3	114	C7H14O	020669-04-9	38
5		Pentane	72	C5H12	000109-66-0	33



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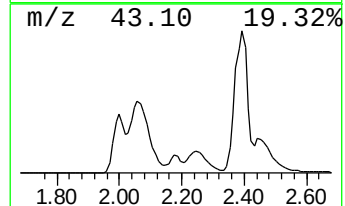
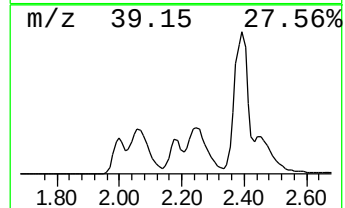
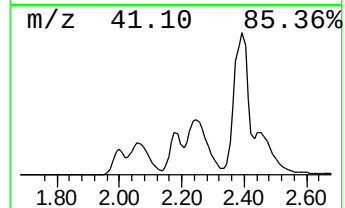
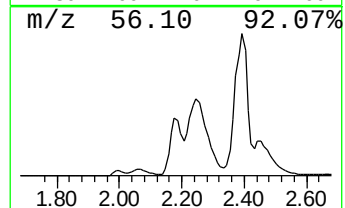
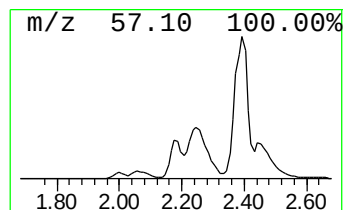
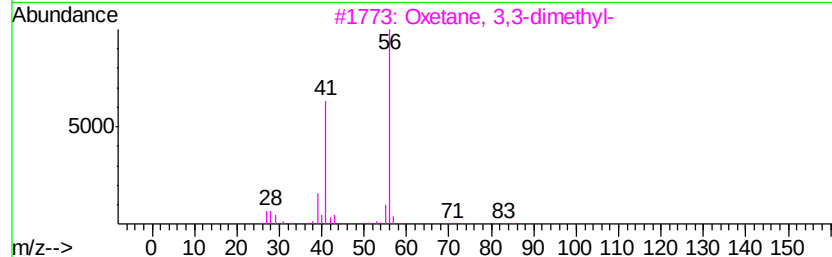
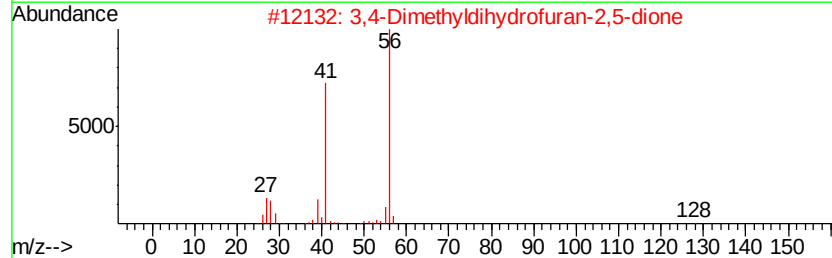
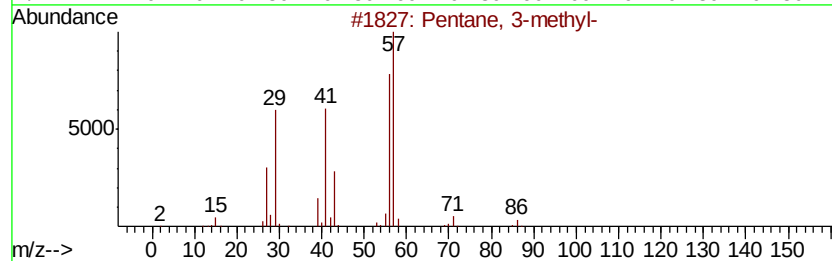
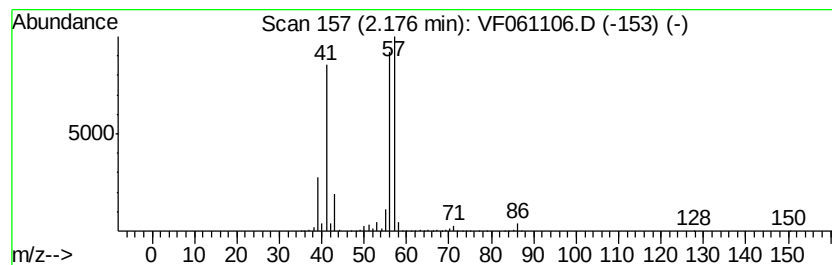
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Peak Number 3 Pentane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	37.76 ug/l	6600560	Pentafluorobenzene	4.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentane, 3-methyl-	86 C6H14	000096-14-0	78
2	3,4-Dimethyldihydrofuran-2,5-dione	128 C6H8O3	007475-92-5	53
3	Oxetane, 3,3-dimethyl-	86 C5H10O	006921-35-3	38
4	Oxetane, 2,3,4-trimethyl-	100 C6H12O	053778-61-3	33
5	Propane, 2-methyl-2-nitro-	103 C4H9NO2	000594-70-7	16



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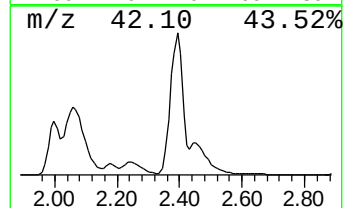
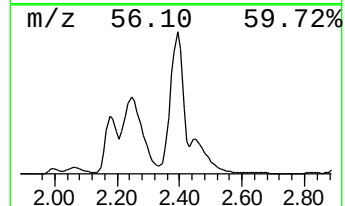
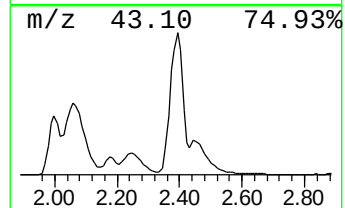
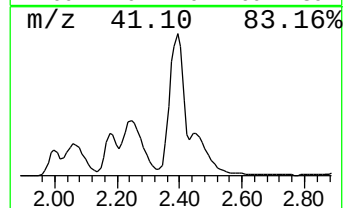
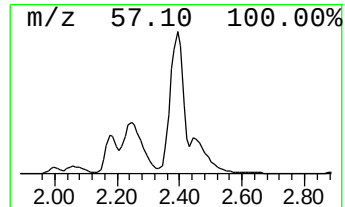
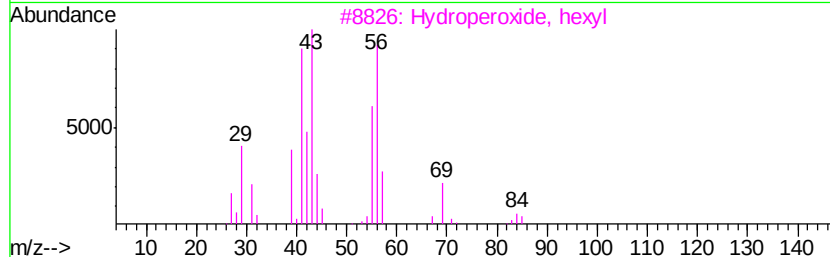
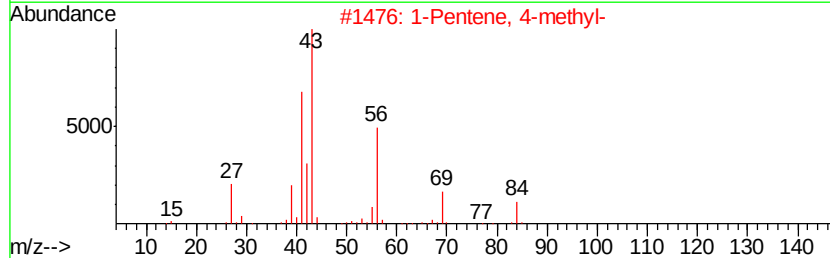
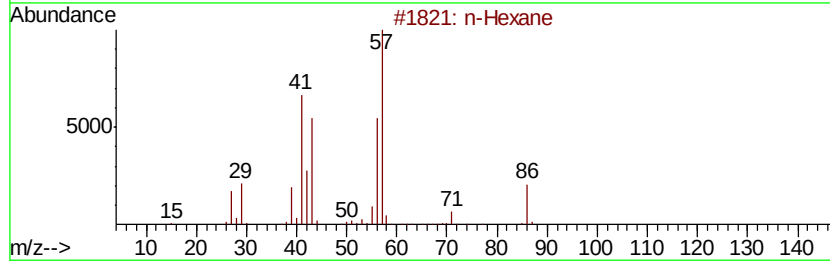
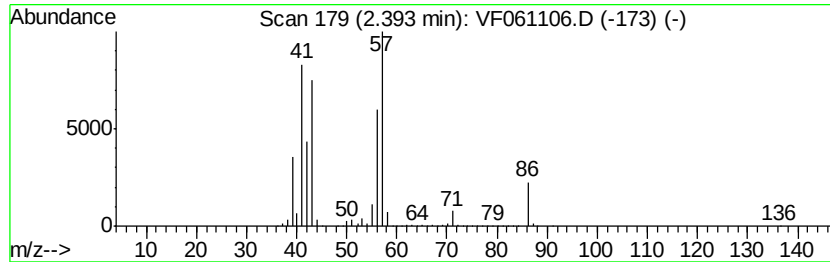
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	173.27 ug/l	30286300	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	87
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	47
3		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	42
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37
5		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35



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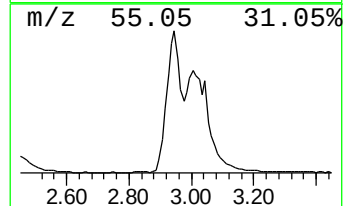
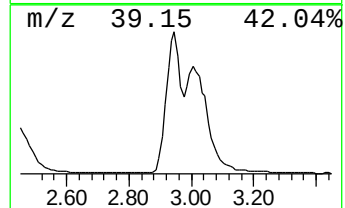
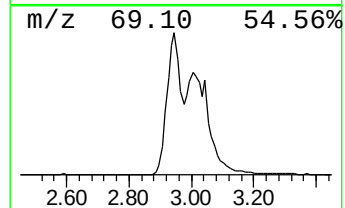
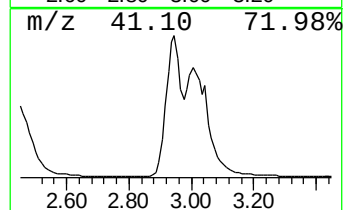
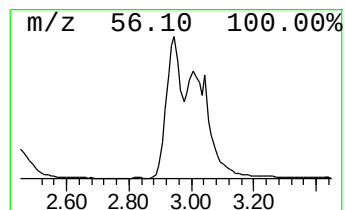
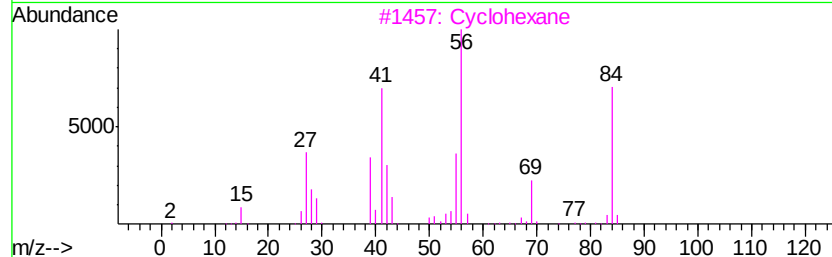
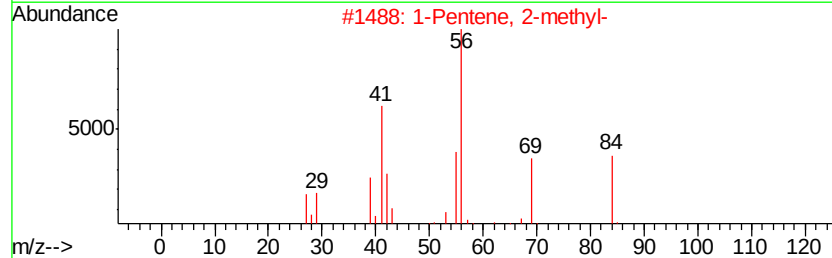
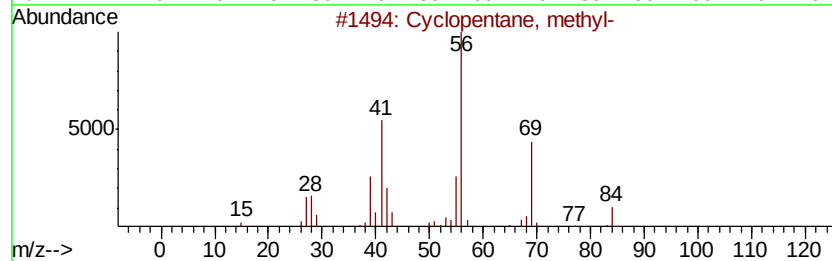
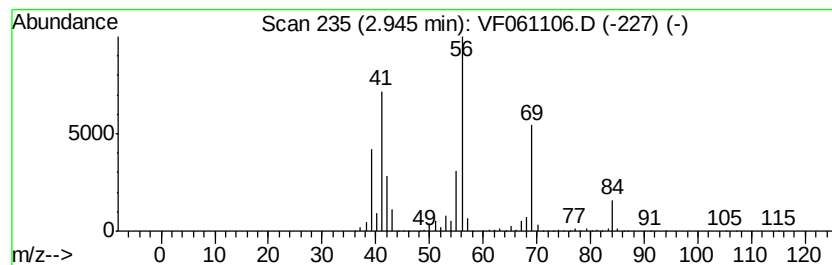
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	114.66 ug/l	20041100	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	62
3		Cyclohexane	84	C6H12	000110-82-7	58
4		Pentane, 3-methylene-	84	C6H12	000760-21-4	25
5		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	25



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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	2.00	30.5	ug/l	5326940	1	4.88	8739660	50.0
Pentane, 3-methyl-	2.18	37.8	ug/l	6600560	1	4.88	8739660	50.0
n-Hexane	2.39	173.3	ug/l	30286300	1	4.88	8739660	50.0
Cyclopentane, met...	2.95	114.7	ug/l	20041100	1	4.88	8739660	50.0