

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122018\
 Data File : VF061108.D
 Acq On : 20 Dec 2018 15:16
 Operator : VA/AP
 Sample : J6377-09
 Misc : 4.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SD003-0006-01

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	142	rBV	827742	1921429	40.46%	7.220%
2	2.057	142	145	153	rVV	457848	1677380	35.32%	6.303%
3	2.176	153	157	161	rVV	748610	2000429	42.12%	7.517%
4	2.245	161	164	173	rVV	502853	1894365	39.89%	7.118%
5	2.383	173	178	197	rVB	1816323	4748803	100.00%	17.844%
6	2.935	227	234	239	rBV	767472	2306100	48.56%	8.665%
7	3.695	304	311	313	rBV	73774	211868	4.46%	0.796%
8	3.744	313	316	327	rVV2	142473	577185	12.15%	2.169%
9	3.882	327	330	335	rVB4	21802	59758	1.26%	0.225%
10	4.011	335	343	349	rBV	156621	573771	12.08%	2.156%
11	4.119	349	354	365	rVB	113166	381311	8.03%	1.433%
12	4.297	365	372	376	rBV3	73640	252566	5.32%	0.949%
13	4.385	376	381	385	rVV2	60820	186718	3.93%	0.702%
14	4.474	385	390	396	rVB	70443	229121	4.82%	0.861%
15	4.671	404	410	421	rVB3	57541	283793	5.98%	1.066%
16	4.869	423	430	445	rVB2	253110	865706	18.23%	3.253%
17	5.461	481	490	497	rBV	418918	1504825	31.69%	5.655%
18	5.599	500	504	516	rVV	279364	913512	19.24%	3.433%
19	5.766	516	521	531	rVB4	23884	83064	1.75%	0.312%
20	6.822	619	628	636	rBV3	13144	55344	1.17%	0.208%
21	7.029	642	649	659	rBV3	24869	109949	2.32%	0.413%
22	7.562	697	703	709	rBV	260501	615459	12.96%	2.313%
23	8.459	790	794	802	rVB	25375	67720	1.43%	0.254%
24	9.781	922	928	936	rVV2	267361	678841	14.29%	2.551%
25	10.136	959	964	971	rBV	615957	1293955	27.25%	4.862%
26	10.718	1019	1023	1027	rVB	47816	87741	1.85%	0.330%
27	11.133	1061	1065	1071	rBV	25946	51805	1.09%	0.195%
28	11.419	1090	1094	1100	rBV	131209	236426	4.98%	0.888%
29	11.567	1105	1109	1117	rVV2	141708	360287	7.59%	1.354%
30	11.715	1117	1124	1129	rVV	89519	189295	3.99%	0.711%
31	11.823	1132	1135	1139	rVB	62878	101991	2.15%	0.383%
32	12.020	1150	1155	1158	rVB2	29313	61696	1.30%	0.232%
33	12.208	1171	1174	1180	rVB	219922	310259	6.53%	1.166%
34	12.474	1198	1201	1206	rVV2	120311	216495	4.56%	0.814%

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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 >
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35	12.563	1206	1210	1213	rVV2	472948	867452	18.27%	3.260%
36	12.612	1213	1215	1222	rVV	89300	137190	2.89%	0.516%
37	12.839	1234	1238	1242	rVB3	30469	73256	1.54%	0.275%
38	13.007	1251	1255	1260	rVB2	21628	50047	1.05%	0.188%
39	13.096	1260	1264	1268	rBV	17610	54632	1.15%	0.205%
40	13.283	1279	1283	1287	rBV2	119772	207445	4.37%	0.780%
41	13.855	1338	1341	1349	rVB4	23217	62736	1.32%	0.236%
42	14.457	1398	1402	1408	rBV2	18465	50773	1.07%	0.191%

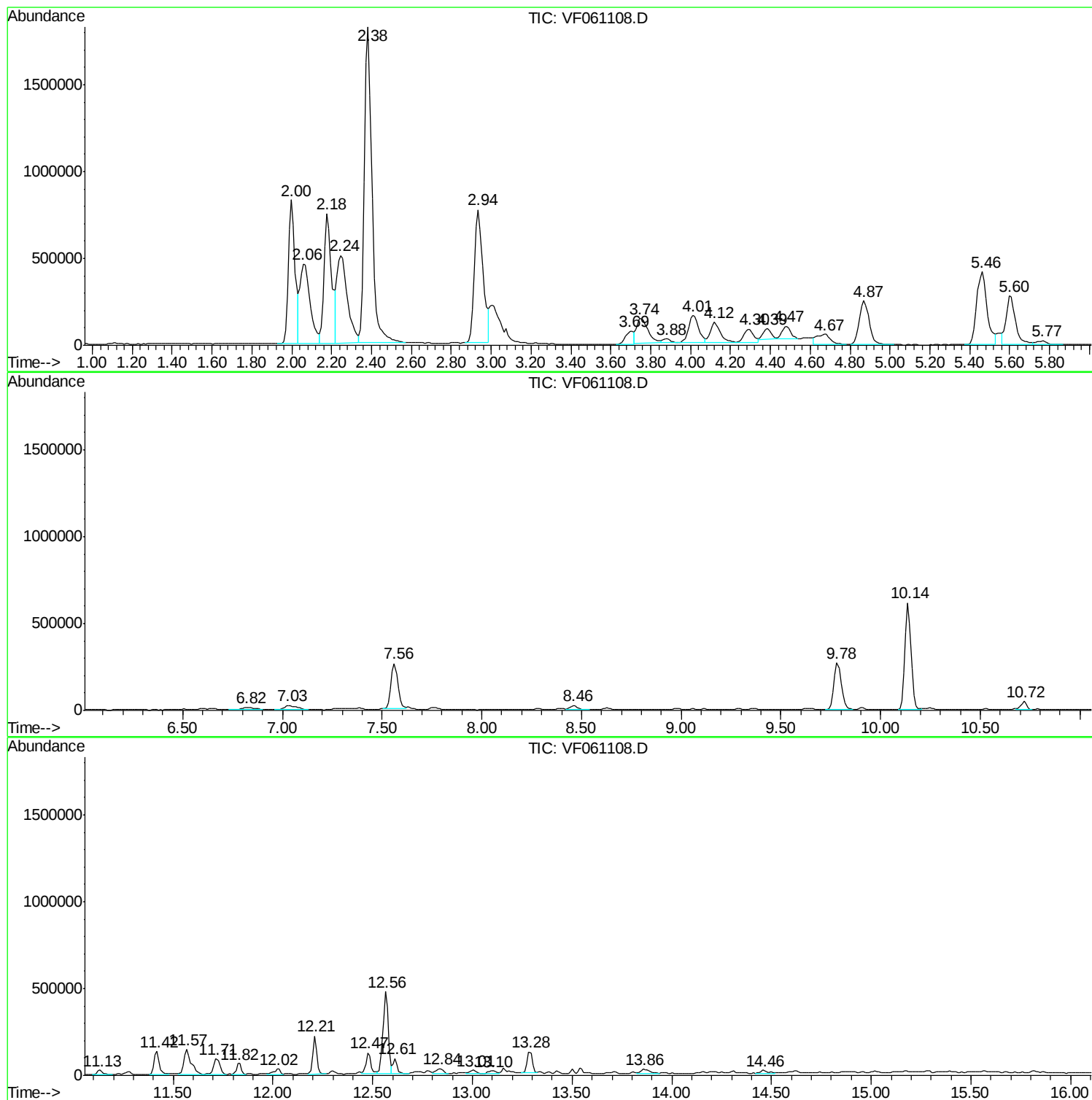
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Quant Title : SW846 8260

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



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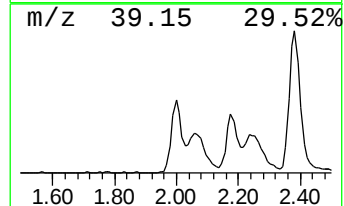
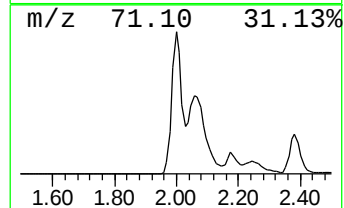
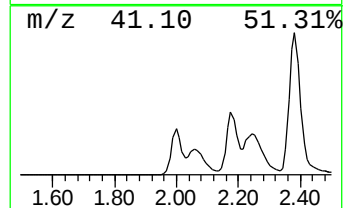
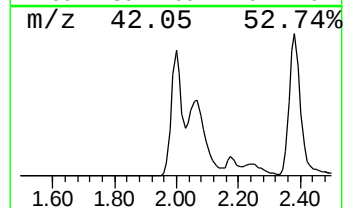
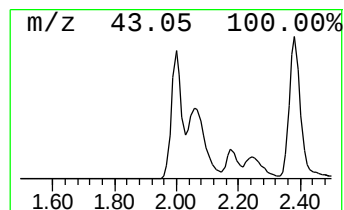
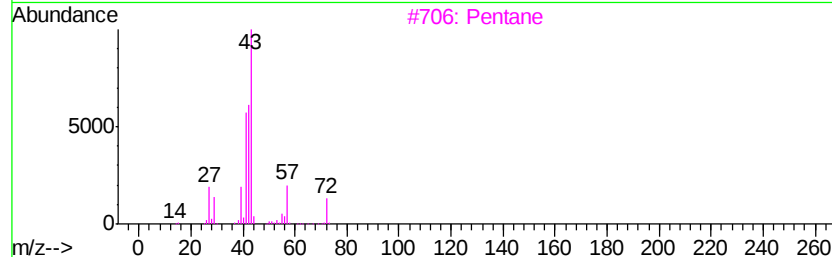
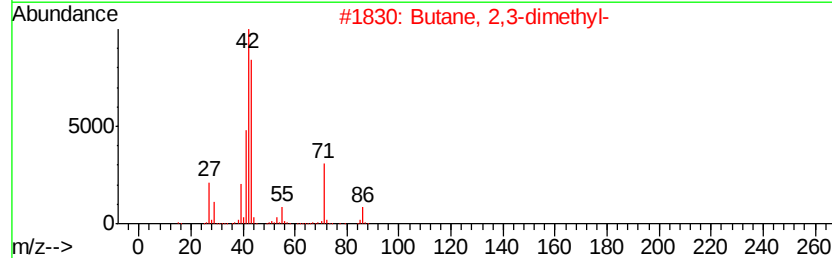
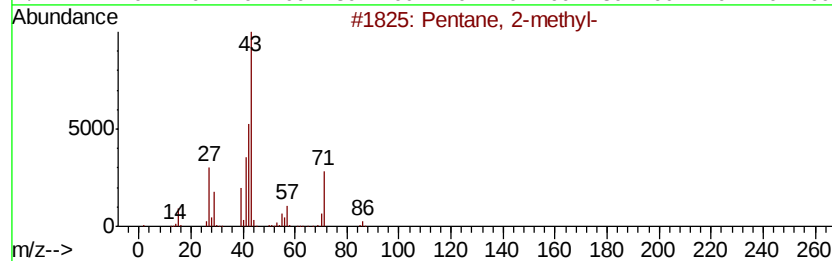
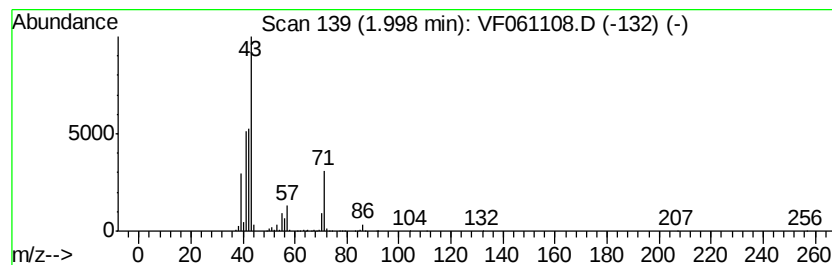
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	110.98 ug/l	1921430	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
3		Pentane	72	C5H12	000109-66-0	47
4		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	45
5		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	28



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Instrument :
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ClientSampleId :
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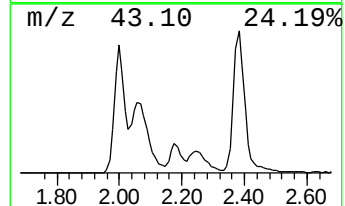
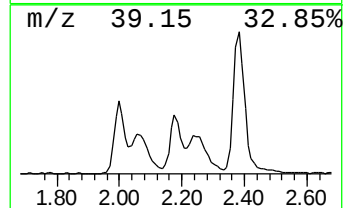
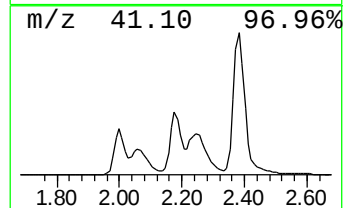
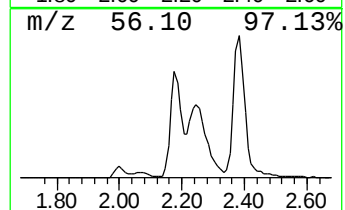
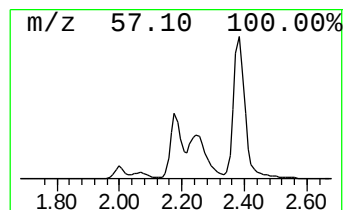
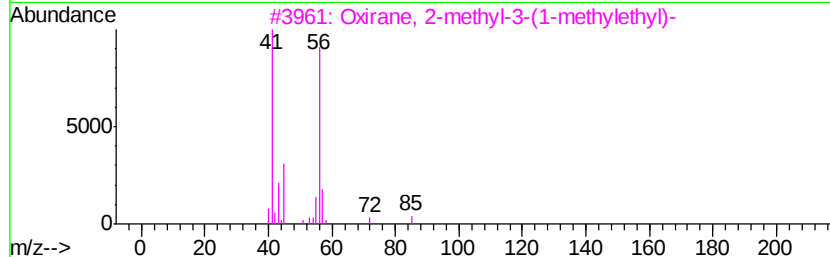
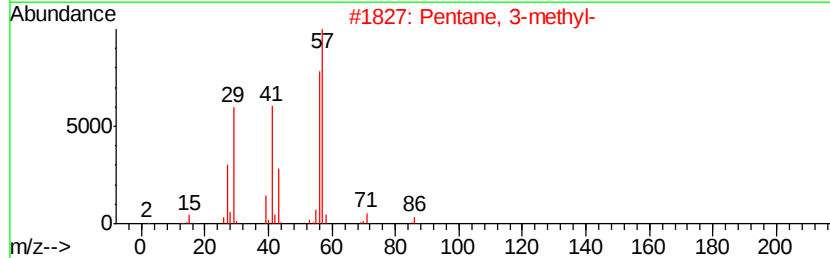
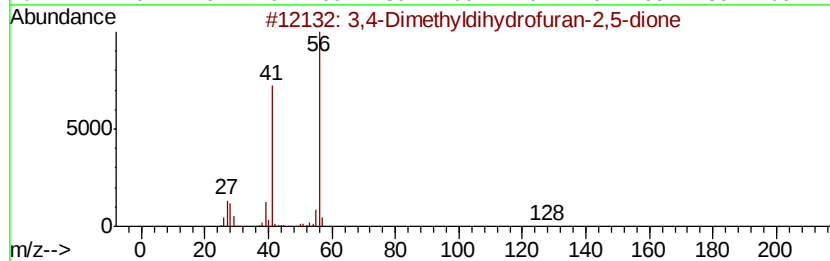
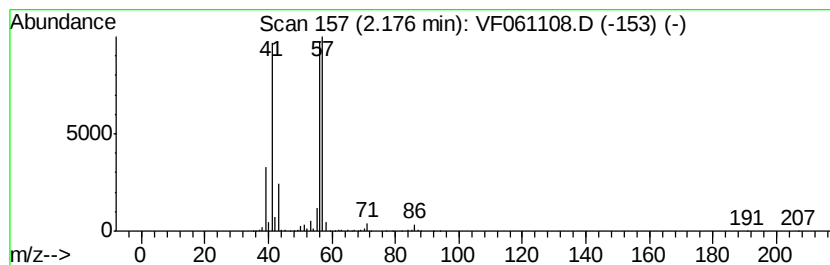
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 3,4-Dimethyldihydrofuran-2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	115.54 ug/l	2000430	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	47
3		Oxirane, 2-methyl-3-(1-methylethyl)-	100	C6H12O	001192-31-0	39
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	39
5		Cyclopropane, propyl-	84	C6H12	002415-72-7	36



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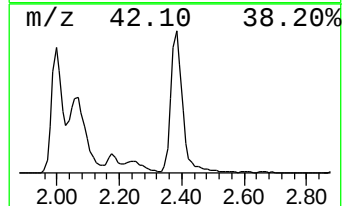
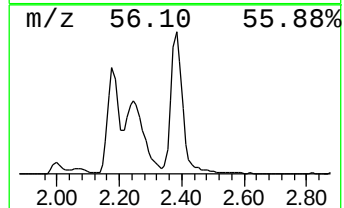
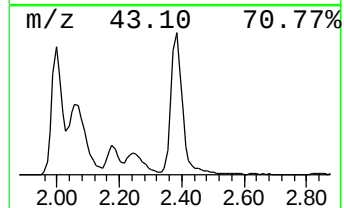
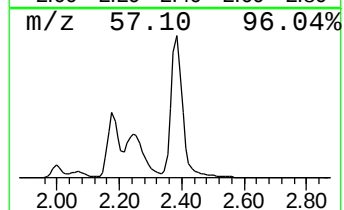
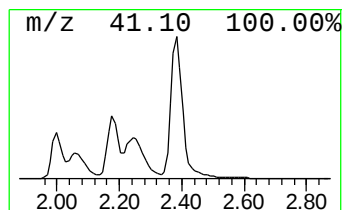
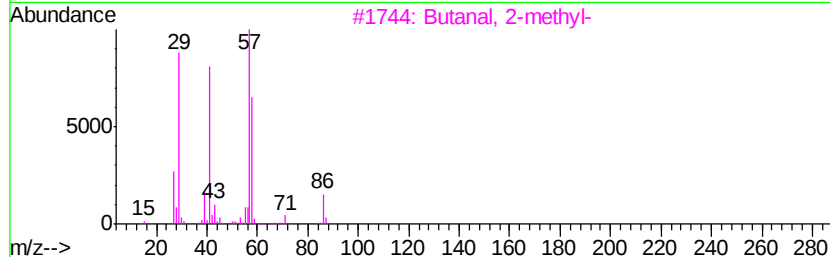
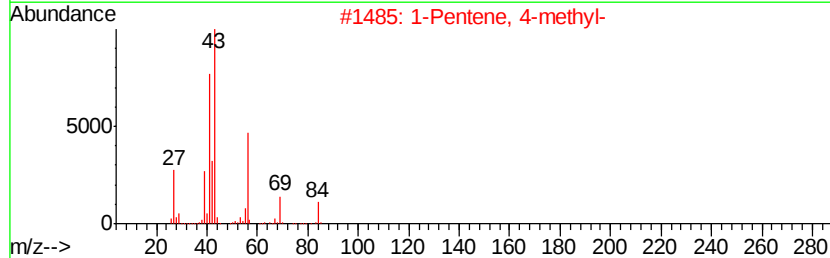
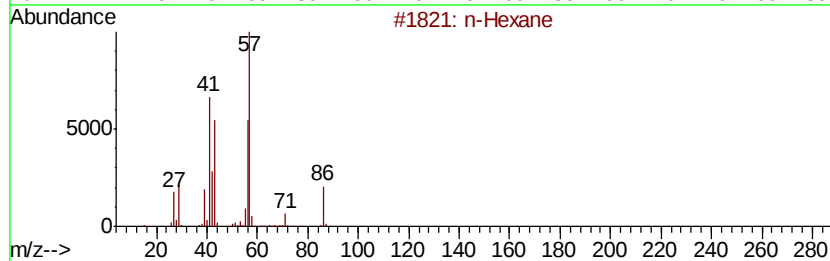
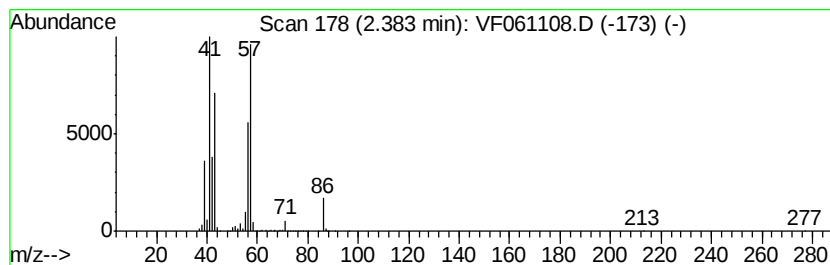
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

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.
2.38	274.27 ug/l	4748800	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
3		Butanal, 2-methyl-	86	C5H10O	000096-17-3	35
4		1-Hexene	84	C6H12	000592-41-6	33
5		2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	28



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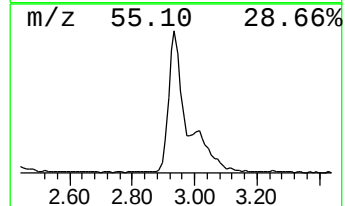
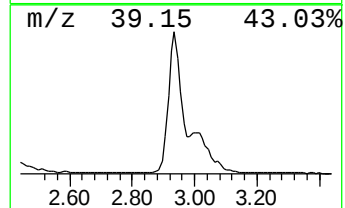
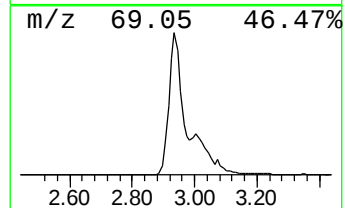
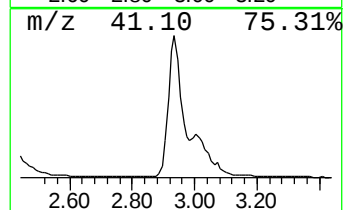
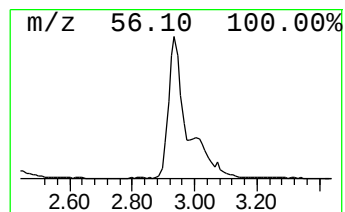
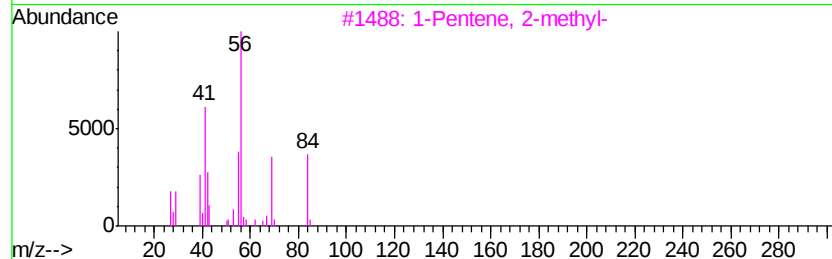
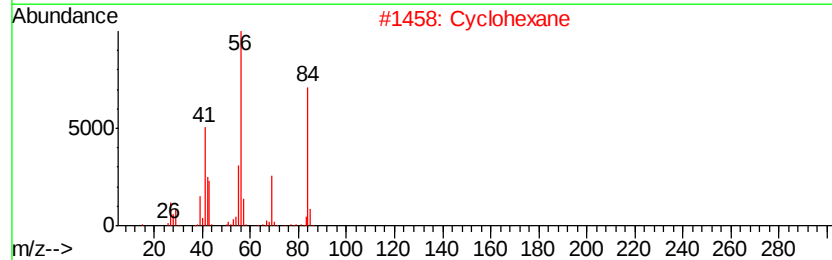
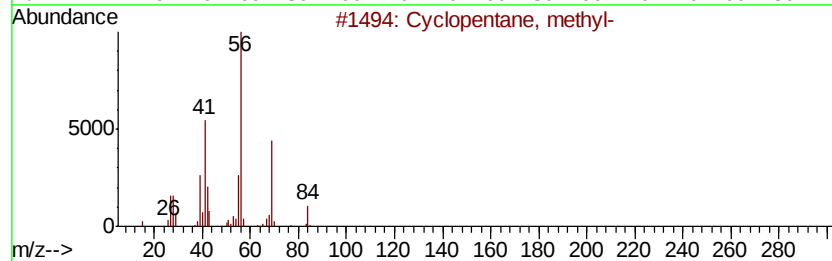
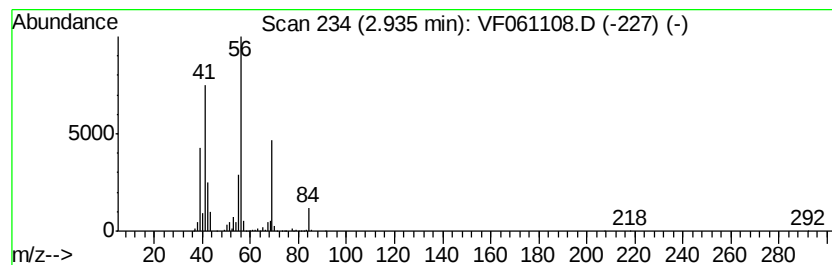
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.94	133.19 ug/l	2306100	Pentafluorobenzene	4.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2		Cyclohexane	84	C6H12	000110-82-7	59
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	58
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52
5		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	50



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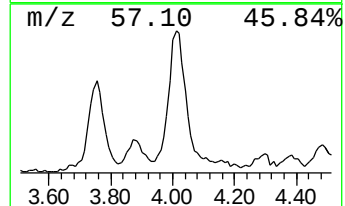
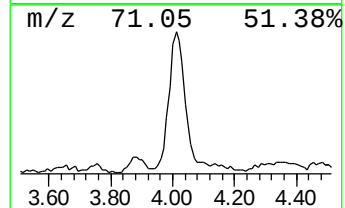
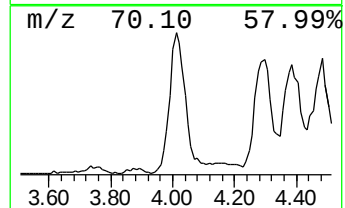
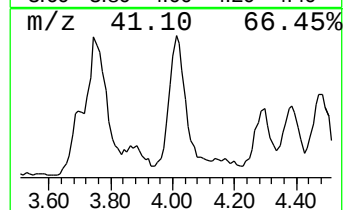
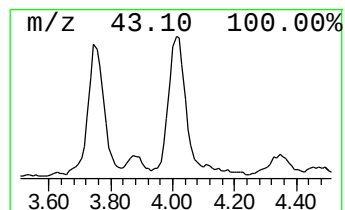
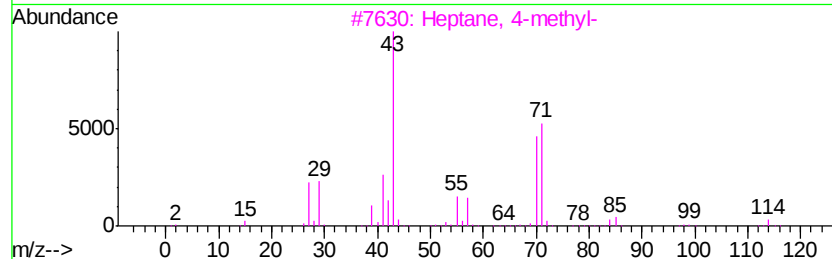
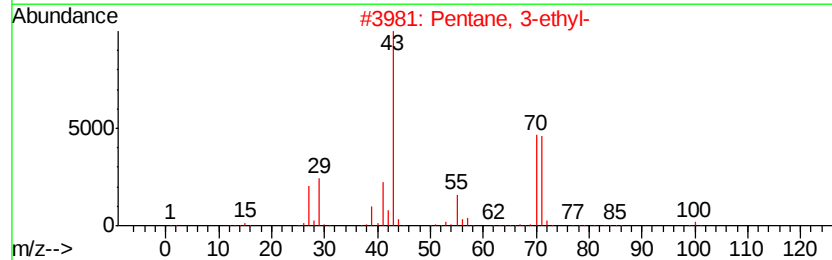
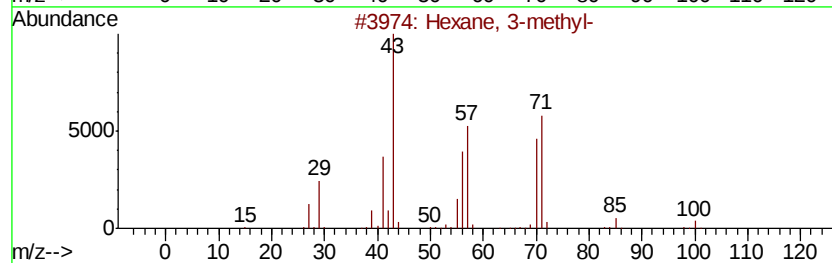
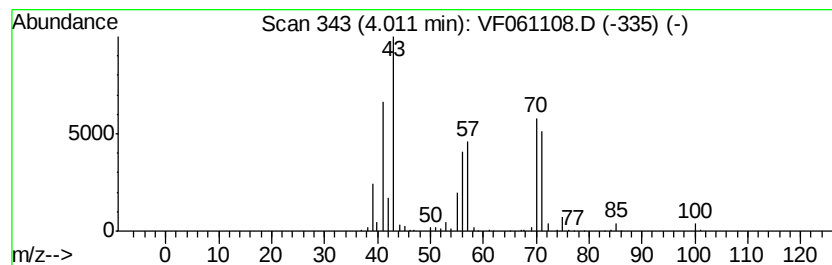
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260

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

Peak Number 8 Hexane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	33.14 ug/l	573771	Pentafluorobenzene	4.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-		100	C7H16	000589-34-4	91
2	Pentane, 3-ethyl-		100	C7H16	000617-78-7	53
3	Heptane, 4-methyl-		114	C8H18	000589-53-7	53
4	Heptane		100	C7H16	000142-82-5	50
5	Pyrrolidine		71	C4H9N	000123-75-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061108.D
Acq On : 20 Dec 2018 15:16
Operator : VA/AP
Sample : J6377-09
Misc : 4.18g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01

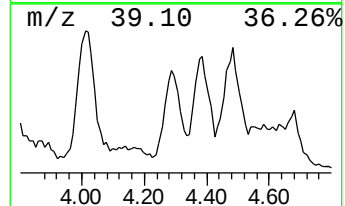
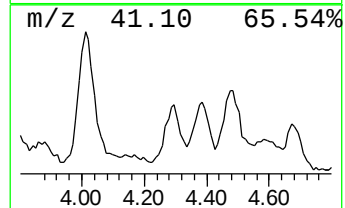
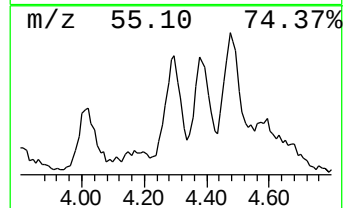
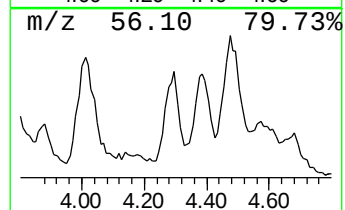
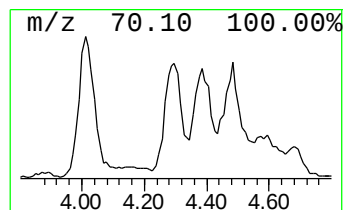
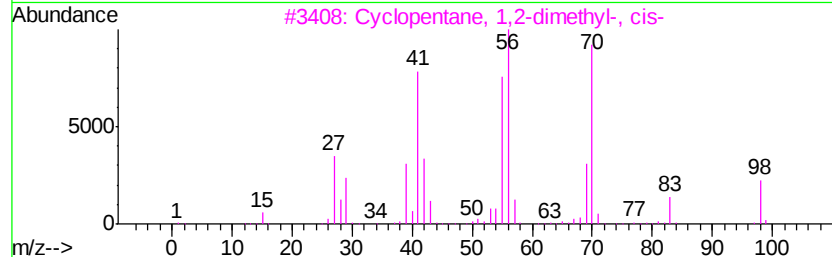
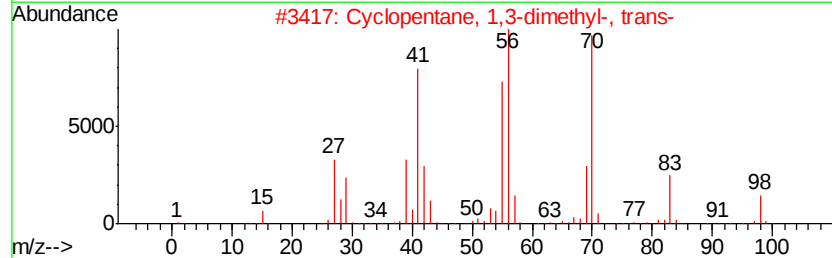
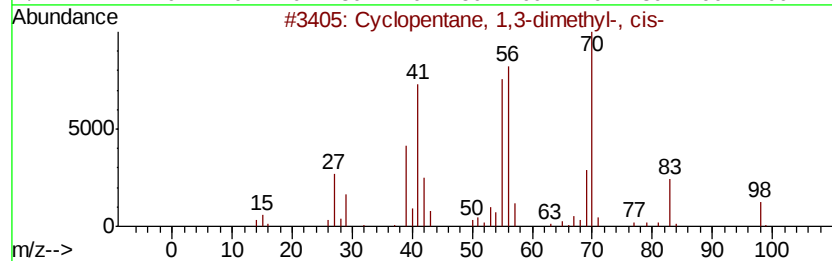
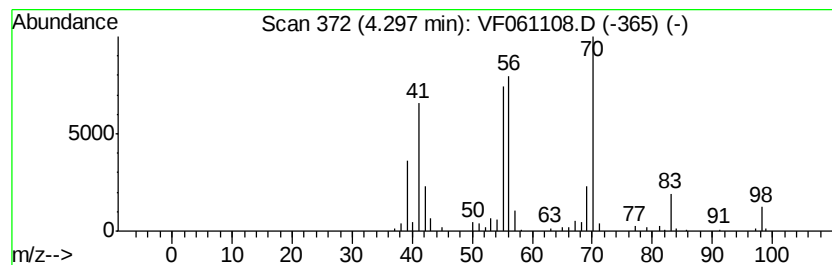
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Quant Title : SW846 8260

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

Peak Number 9 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	14.59 ug/l	252566	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	96
2		Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	96
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4		Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	76
5		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122018\
Data File : VF061108.D
Acq On : 20 Dec 2018 15:16
Operator : VA/AP
Sample : J6377-09
Misc : 4.18g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01

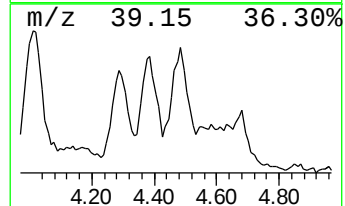
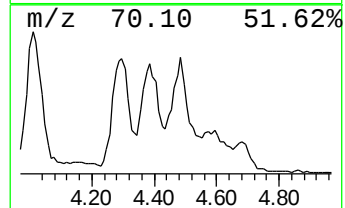
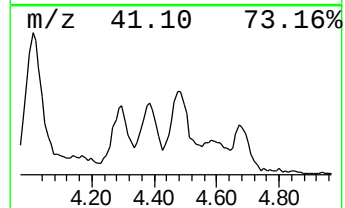
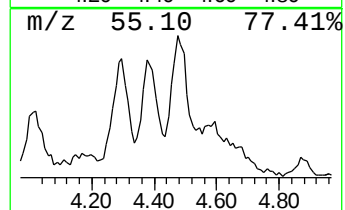
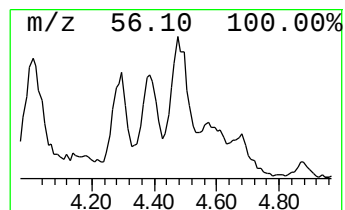
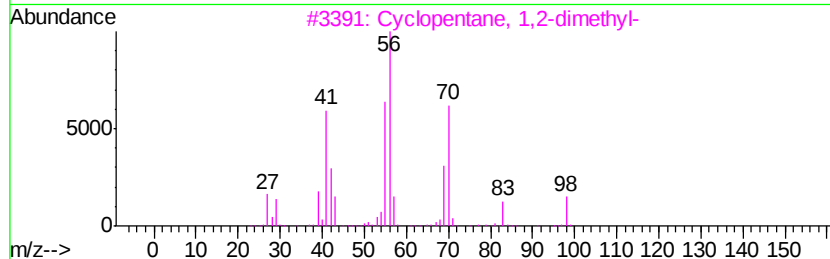
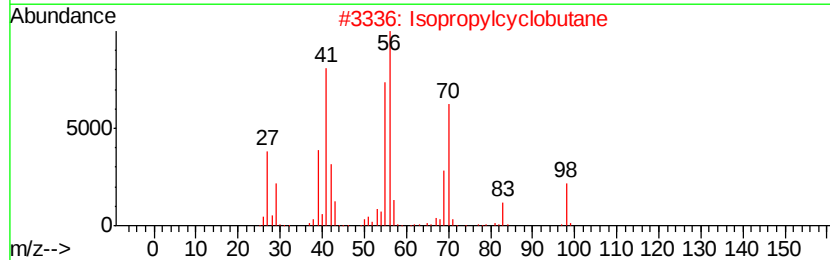
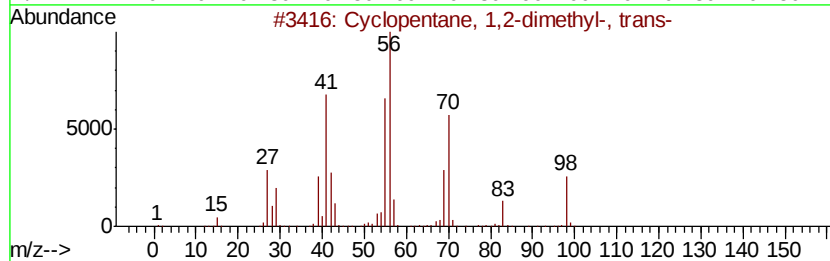
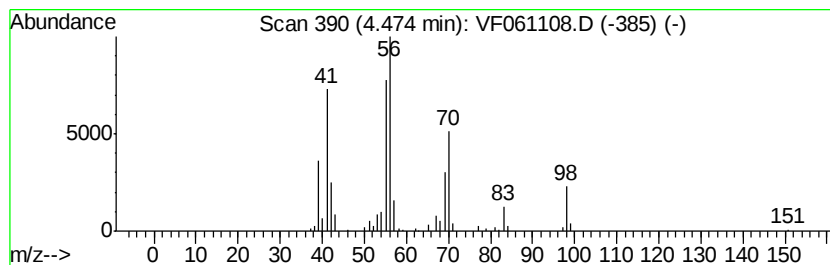
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Quant Title : SW846 8260

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

Peak Number 10 Cyclopentane, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	13.23 ug/l	229121	Pentafluorobenzene	4.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2		Isopropylcyclobutane	98	C7H14	000872-56-0	94
3		Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	86
4		1-Heptene	98	C7H14	000592-76-7	83
5		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122018\
Data File : VF061108.D
Acq On : 20 Dec 2018 15:16
Operator : VA/AP
Sample : J6377-09
Misc : 4.18g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P001-SD003-0006-01

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	2.00	111.0	ug/l	1921430	1	4.88	865706	50.0
3,4-Dimethyldihyd...	2.18	115.5	ug/l	2000430	1	4.88	865706	50.0
n-Hexane	2.38	274.3	ug/l	4748800	1	4.88	865706	50.0
Cyclopentane, met...	2.94	133.2	ug/l	2306100	1	4.88	865706	50.0
Hexane, 3-methyl-	4.01	33.1	ug/l	573771	1	4.88	865706	50.0
Cyclopentane, 1,3...	4.30	14.6	ug/l	252566	1	4.88	865706	50.0
Cyclopentane, 1,2...	4.47	13.2	ug/l	229121	1	4.88	865706	50.0