

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059578.D
 Acq On : 20 Jul 2018 1:57
 Operator : VA/AP
 Sample : J4057-17
 Misc : 6.60g/5mL/MSVOA F/SOIL
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-5

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\82F071718S.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	1.097	55	57	61	rVB2	10048	14465	7.86%	1.355%
2	1.235	70	71	72	rBV	4057	3668	1.99%	0.343%
3	1.698	116	118	121	rBV3	1595	2311	1.26%	0.216%
4	2.280	174	177	180	rBV2	3231	4762	2.59%	0.446%
5	2.496	197	199	203	rVB4	1714	4038	2.20%	0.378%
6	2.565	203	206	208	rVV2	1707	3077	1.67%	0.288%
7	2.605	208	210	213	rVV	1357	2586	1.41%	0.242%
8	2.664	213	216	219	rVB	1749	3974	2.16%	0.372%
9	2.792	228	229	232	rVB	1409	1866	1.01%	0.175%
10	2.940	243	244	245	rBV	1920	1918	1.04%	0.180%
11	3.098	257	260	262	rVV3	1714	2416	1.31%	0.226%
12	3.423	290	293	295	rVB2	1538	3097	1.68%	0.290%
13	3.758	325	327	330	rBV2	1410	1987	1.08%	0.186%
14	4.162	366	368	374	rVB3	1316	2280	1.24%	0.214%
15	4.290	374	381	390	rBV3	15575	55862	30.37%	5.231%
16	4.507	402	403	407	rVB2	1559	2034	1.11%	0.190%
17	4.596	410	412	415	rVV	1420	2120	1.15%	0.199%
18	4.655	415	418	419	rVV	1437	2160	1.17%	0.202%
19	4.695	419	422	423	rVV3	1947	2811	1.53%	0.263%
20	4.724	423	425	427	rVB	1350	2095	1.14%	0.196%
21	4.931	444	446	448	rVB2	1347	2222	1.21%	0.208%
22	4.961	448	449	451	rBV	1828	2856	1.55%	0.267%
23	5.040	451	457	473	rVV3	54695	183941	100.00%	17.225%
24	5.473	498	501	502	rBV2	1897	2342	1.27%	0.219%
25	5.769	525	531	538	rBV3	42499	134209	72.96%	12.568%
26	5.848	538	539	542	rVB2	3024	3059	1.66%	0.286%
27	6.104	563	565	567	rBV2	1131	2070	1.13%	0.194%
28	6.222	576	577	579	rBV	1282	1939	1.05%	0.182%
29	6.696	621	625	628	rVV3	1088	1983	1.08%	0.186%
30	6.863	639	642	649	rBV	2953	8785	4.78%	0.823%
31	7.090	664	665	666	rBV	7005	4614	2.51%	0.432%
32	7.258	680	682	684	rBV2	1229	1864	1.01%	0.175%
33	7.711	723	728	736	rBV2	45447	125167	68.05%	11.721%
34	7.948	749	752	756	rBV3	1548	4008	2.18%	0.375%

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Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Title : SW846 8260

35	8.046	760	762	763	rBV2	1966	2023	1.10%	0.189%
36	8.273	784	785	788	rBV	973	2053	1.12%	0.192%
37	8.371	790	795	797	rVV	1281	2929	1.59%	0.274%
38	8.519	809	810	812	rBV2	1594	2146	1.17%	0.201%
39	8.549	812	813	818	rVB3	1823	2591	1.41%	0.243%
40	8.776	830	836	840	rBV3	3536	12301	6.69%	1.152%
41	8.914	846	850	853	rBV4	943	2460	1.34%	0.230%
42	9.081	865	867	869	rBV3	1738	2192	1.19%	0.205%
43	9.121	869	871	873	rVB3	1549	2461	1.34%	0.230%
44	9.190	873	878	880	rBV3	2164	5915	3.22%	0.554%
45	9.259	882	885	886	rBV2	1171	2073	1.13%	0.194%
46	9.337	892	893	896	rVB2	1447	1913	1.04%	0.179%
47	9.682	926	928	930	rVB2	1693	1984	1.08%	0.186%
48	9.751	933	935	937	rBV2	1707	2289	1.24%	0.214%
49	9.860	943	946	947	rBV	1310	2204	1.20%	0.206%
50	9.919	947	952	962	rVB2	38709	110170	59.89%	10.317%
51	10.067	964	967	969	rVV3	1041	1865	1.01%	0.175%
52	10.284	987	989	991	rVB3	1646	2045	1.11%	0.192%
53	10.382	993	999	1004	rBV6	4009	13889	7.55%	1.301%
54	10.520	1011	1013	1016	rBV2	1083	2372	1.29%	0.222%
55	10.747	1030	1036	1037	rBV4	1728	5118	2.78%	0.479%
56	10.934	1053	1055	1058	rVB3	3978	6569	3.57%	0.615%
57	11.043	1064	1066	1067	rBV	2473	3799	2.07%	0.356%
58	11.102	1071	1072	1076	rVV3	1722	1930	1.05%	0.181%
59	11.161	1076	1078	1080	rVB3	2189	2340	1.27%	0.219%
60	11.200	1080	1082	1085	rBV2	1089	1885	1.02%	0.177%
61	11.260	1085	1088	1089	rVV2	1676	3104	1.69%	0.291%
62	11.319	1093	1094	1096	rBV2	2775	4476	2.43%	0.419%
63	11.378	1096	1100	1102	rVV3	4524	11338	6.16%	1.062%
64	11.447	1105	1107	1108	rBV2	1382	1992	1.08%	0.187%
65	11.516	1110	1114	1120	rVV	31599	70190	38.16%	6.573%
66	11.634	1124	1126	1129	rVB3	3932	7423	4.04%	0.695%
67	11.743	1136	1137	1138	rBV	2353	2169	1.18%	0.203%
68	11.861	1147	1149	1152	rVB4	2862	3191	1.73%	0.299%
69	11.940	1152	1157	1161	rBV2	9373	22444	12.20%	2.102%
70	12.019	1161	1165	1169	rBV3	14703	31817	17.30%	2.979%
71	12.088	1169	1172	1176	rVB5	5154	10359	5.63%	0.970%

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Integration Parameters: RTEINT.P

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Sampling : 1 Min Area: 3 % of largest Peak
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72	12.344	1196	1198	1199	rBV2	3094	5468	2.97%	0.512%
73	12.630	1224	1227	1230	rBV	35265	55852	30.36%	5.230%
74	12.689	1230	1233	1234	rBV3	2257	3476	1.89%	0.326%
75	12.896	1253	1254	1256	rBV2	3186	4476	2.43%	0.419%
76	13.448	1308	1310	1312	rVB2	4736	5919	3.22%	0.554%
77	13.694	1334	1335	1337	rBV2	2979	3857	2.10%	0.361%
78	14.020	1366	1368	1369	rVB2	3034	2759	1.50%	0.258%
79	14.483	1414	1415	1416	rBV	2965	2463	1.34%	0.231%
80	14.719	1437	1439	1441	rBV	2426	4962	2.70%	0.465%
81	14.926	1458	1460	1463	rBV3	2077	2810	1.53%	0.263%
82	15.449	1512	1513	1516	rVB3	4325	4859	2.64%	0.455%
83	15.488	1516	1517	1519	rBV2	3159	4366	2.37%	0.409%

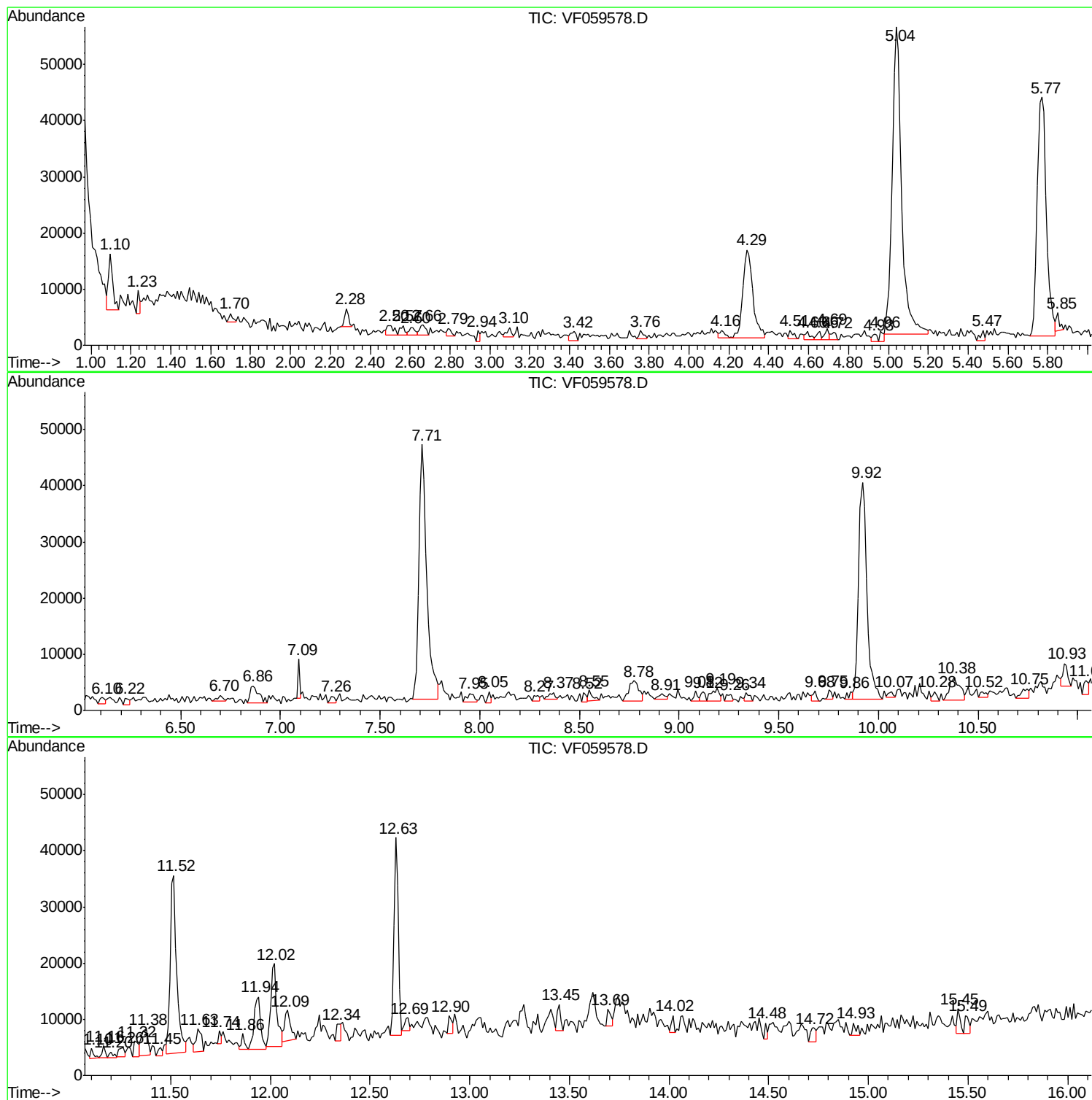
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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



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Misc : 6.60µ/5mL/MSVOA F/SOIL
ALS Vial : 70 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
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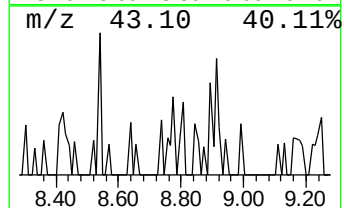
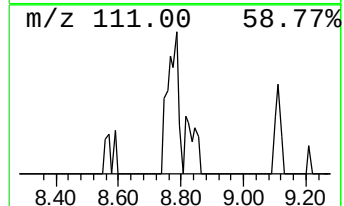
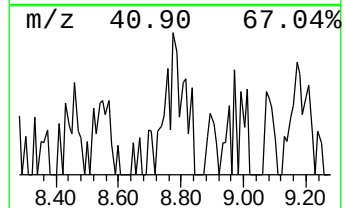
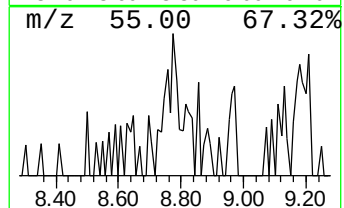
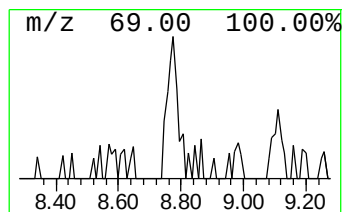
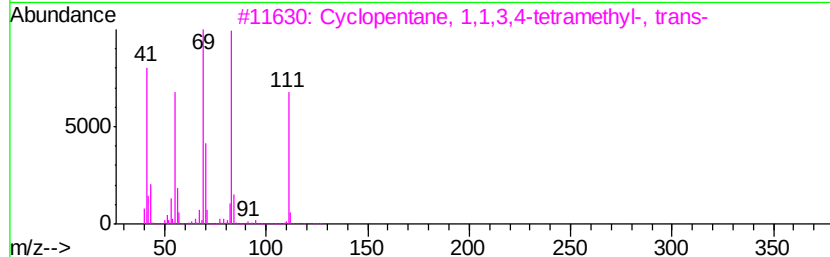
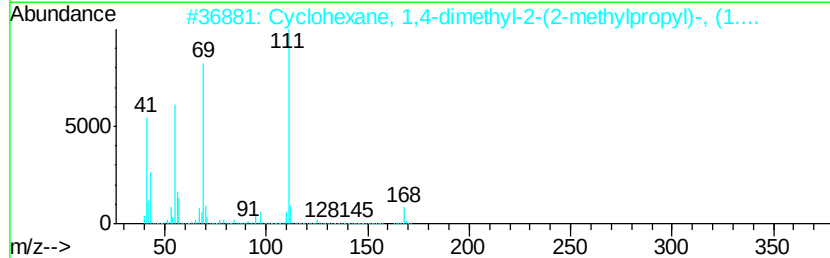
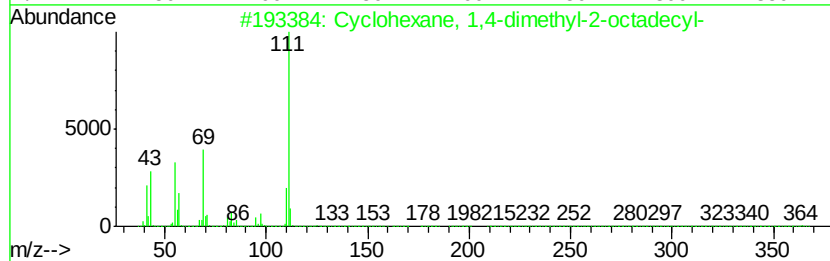
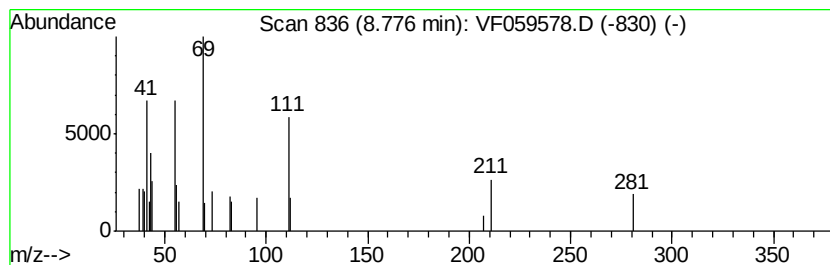
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown8.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	5.58 ug/l	12301	Chlorobenzene-d5	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	38
2		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	38
3		Cyclopentane, 1,1,3,4-tetramethv...	126	C9H18	020309-77-7	37
4		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	35
5		Cyclooctane, butyl-	168	C12H24	016538-93-5	35



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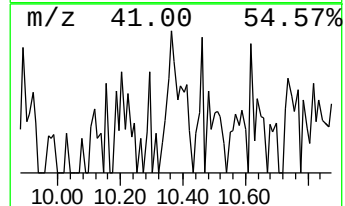
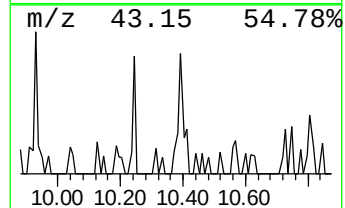
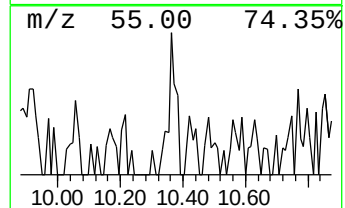
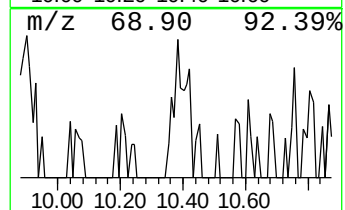
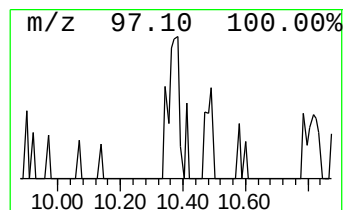
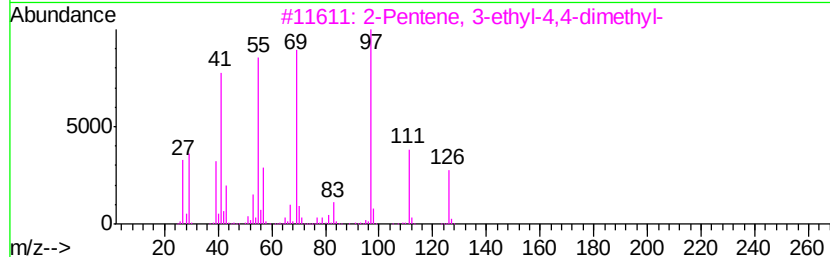
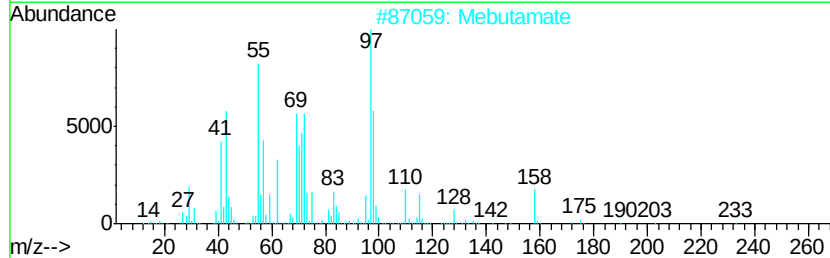
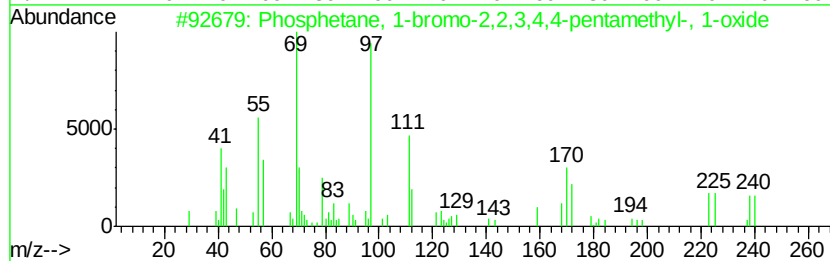
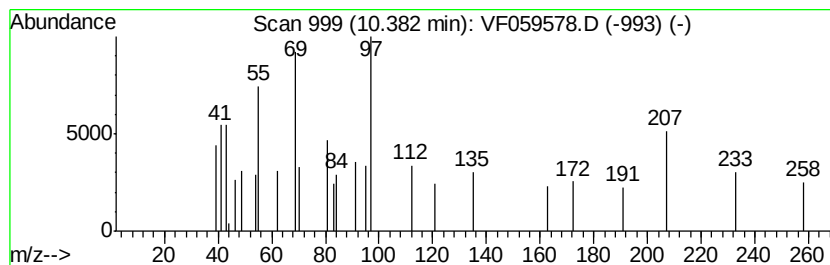
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown10.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.38	6.30 ug/l	13889	Chlorobenzene-d5	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphetane, 1-bromo-2,2,3,4,4-p...	238	C8H16BrOP	077508-86-2	12
2	Mebutamate	232	C10H20N2O4	000064-55-1	10
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	10
4	1,3-Cyclohexanedione, 5-isopropyl-	154	C9H14O2	018456-87-6	10
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	9



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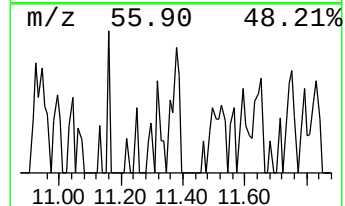
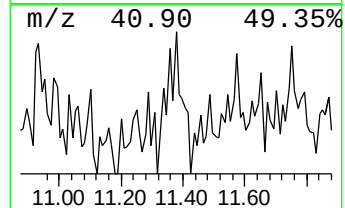
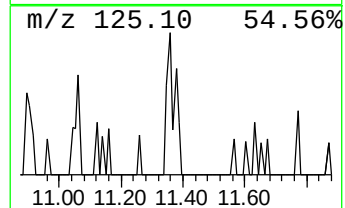
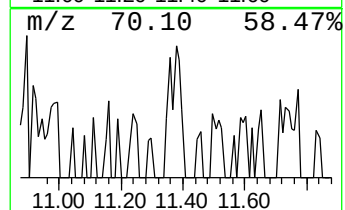
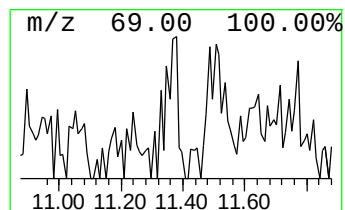
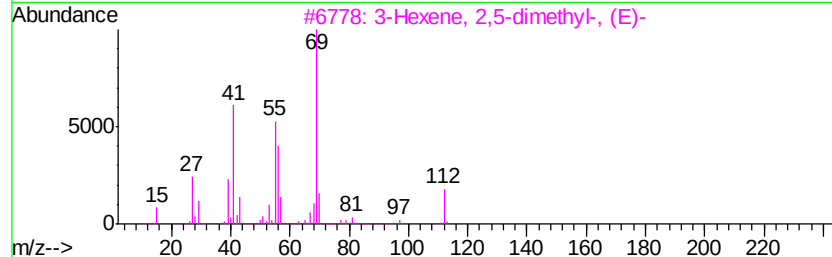
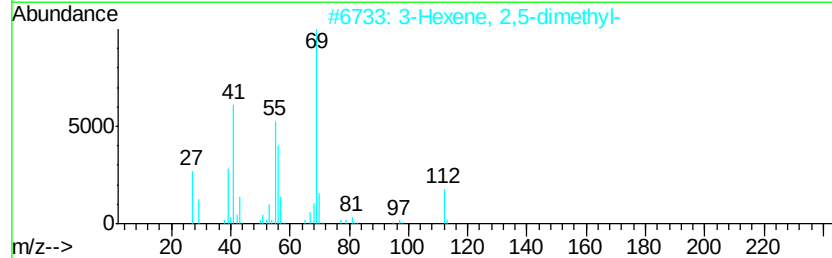
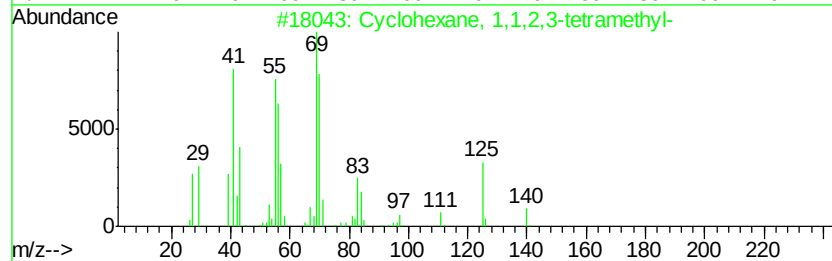
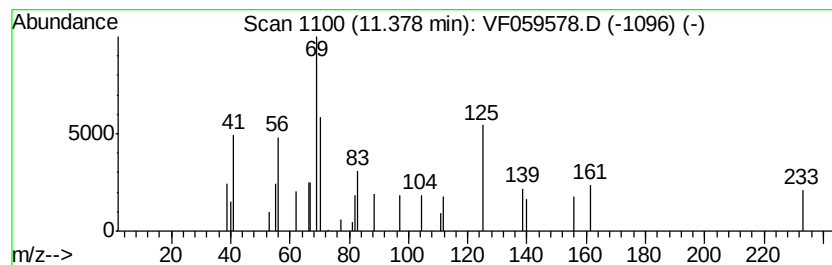
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Quant Title : SW846 8260

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

Peak Number 3 unknown11.38 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	10.15 ug/l	11338	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	27
2		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	14
3		3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	14
4		2,3,6-trimethylhept-5-en-1-ol	156	C10H20O	1000111-57-1	14
5		6-Dodecene, (E)-	168	C12H24	007206-17-9	12



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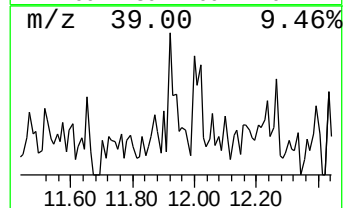
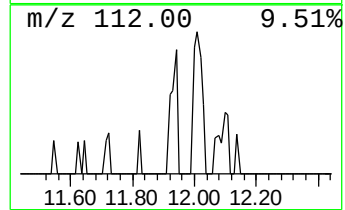
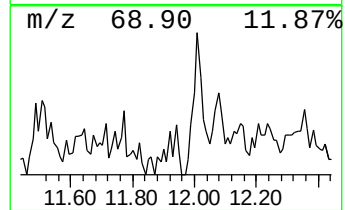
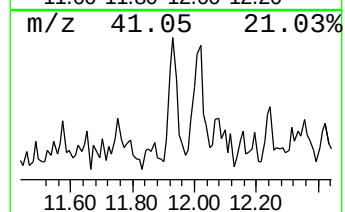
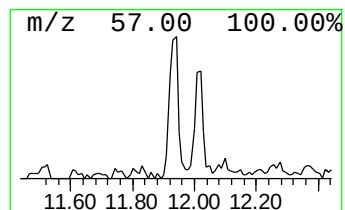
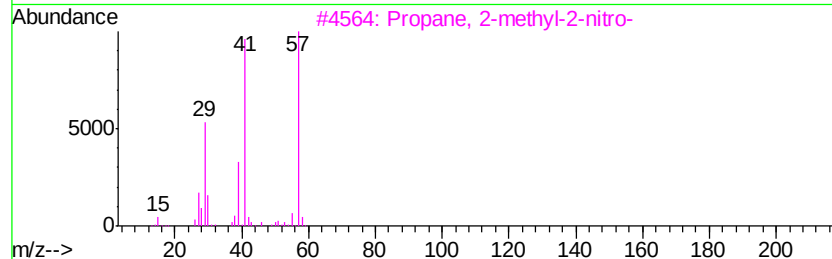
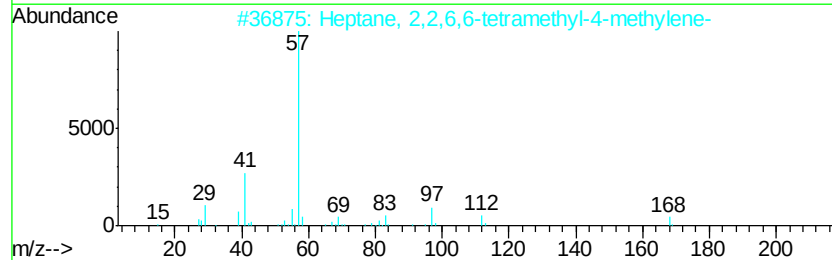
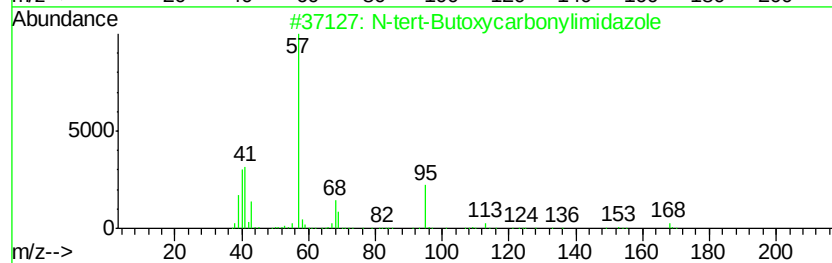
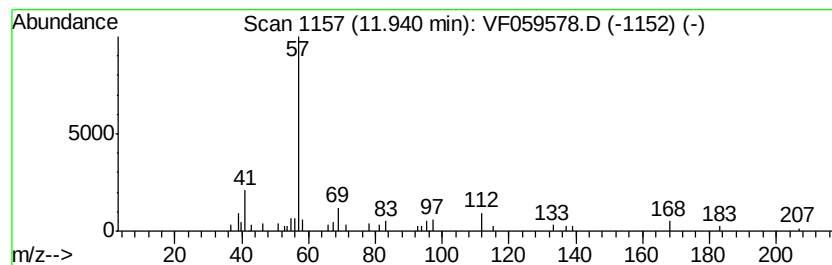
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Quant Title : SW846 8260

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

Peak Number 5 unknown11.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	20.09 ug/l	22444	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-tert-Butoxycarbonylimidazole	168	C8H12N2O2	049761-82-2	32
2		Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	22
3		Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	12
4		Pent-4-yn-3-one, 2,2-dimethyl-	110	C7H10O	005891-25-8	12
5		2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17FO2	1000365-51-0	12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059578.D
Acq On : 20 Jul 2018 1:57
Operator : VA/AP
Sample : J4057-17
Misc : 6.60q/5mL/MSVOA F/SOIL
ALS Vial : 70 Sample Multiplier: 1

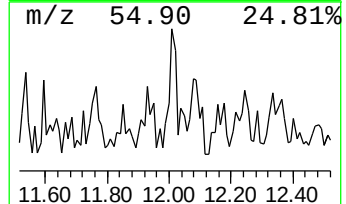
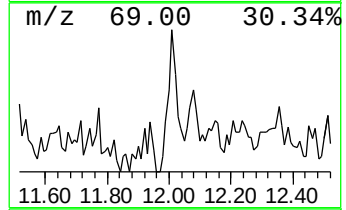
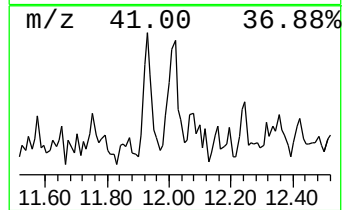
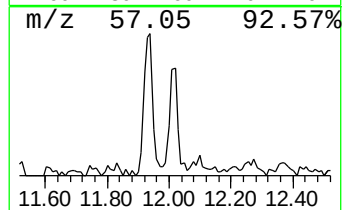
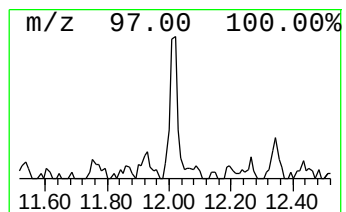
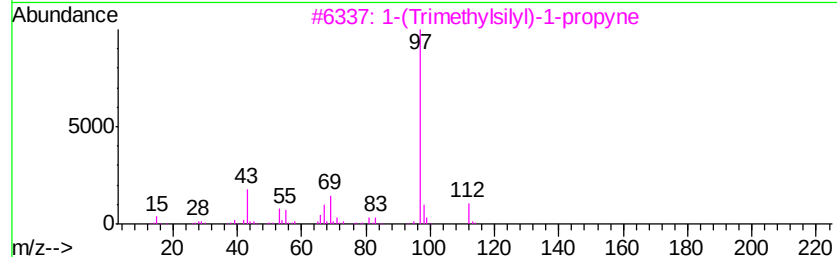
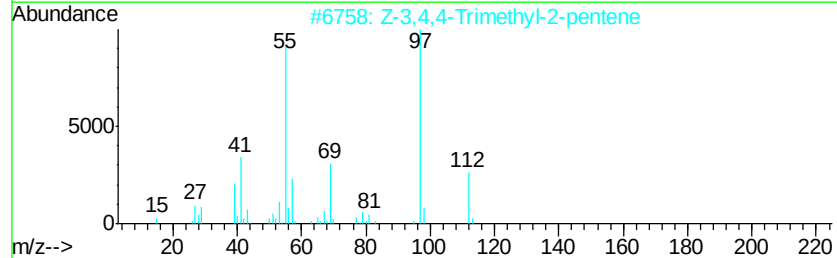
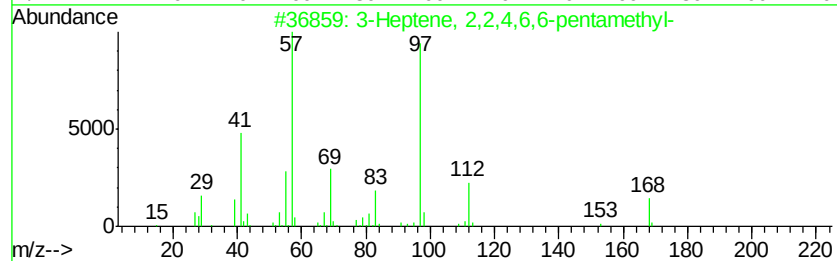
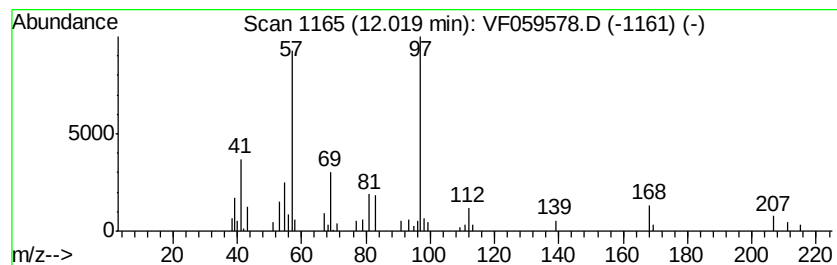
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 6 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	28.48 ug/l	31817	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Heptene, 2,2,4,6,6-pentamethyl-	168 C12H24	000123-48-8	76
2	Z-3,4,4-Trimethyl-2-pentene	112 C8H16	039761-64-3	53
3	1-(Trimethylsilyl)-1-propyne	112 C6H12Si	006224-91-5	47
4	2-Cyclohexen-1-ol, 3-methyl-	112 C7H12O	021378-21-2	47
5	Cyclohexane, 1-methyl-2-pentyl-	168 C12H24	054411-01-7	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059578.D
Acq On : 20 Jul 2018 1:57
Operator : VA/AP
Sample : J4057-17
Misc : 6.60a/5mL/MSVOA F/SOIL
ALS Vial : 70 Sample Multiplier: 1

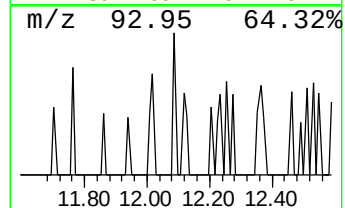
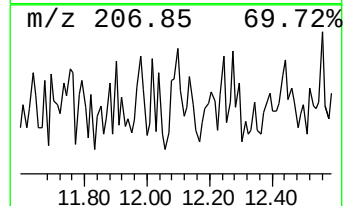
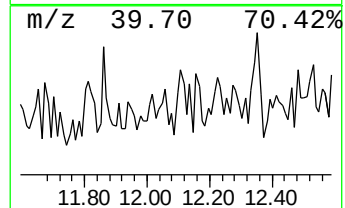
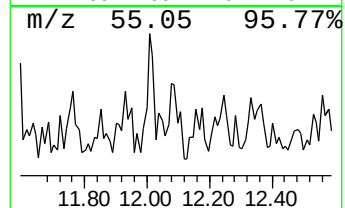
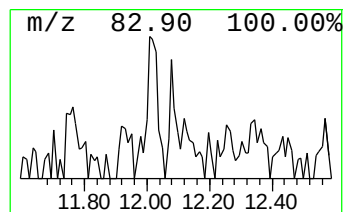
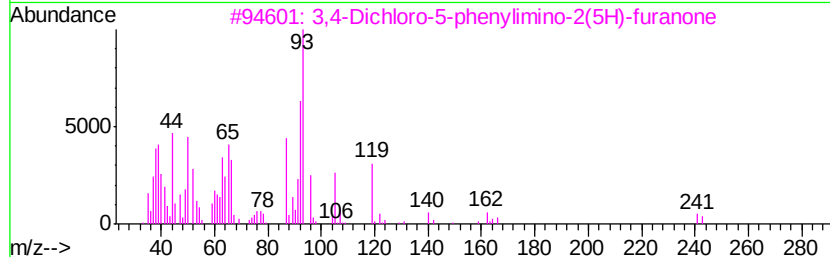
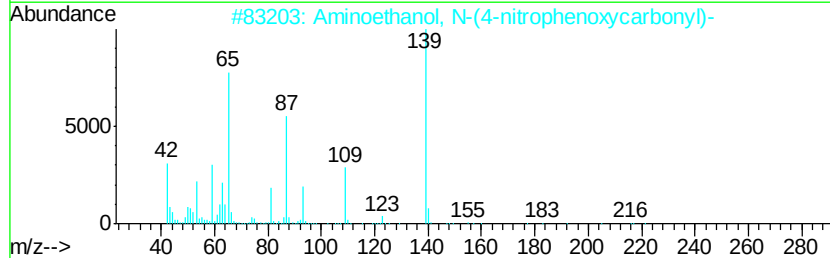
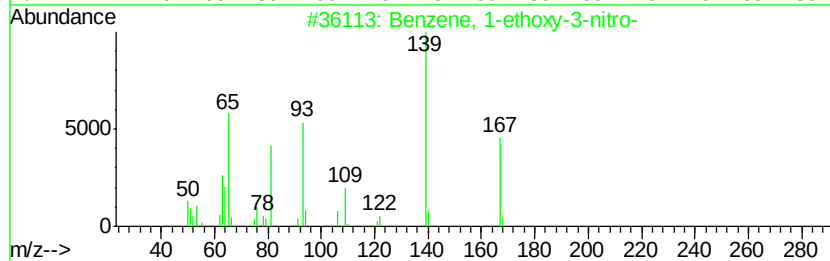
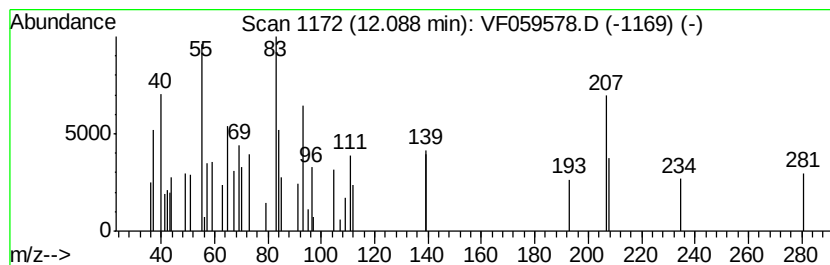
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown12.09 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.27 ug/l	10359	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethoxy-3-nitro-	167 C8H9NO3	000621-52-3 43
2		Aminoethanol, N-(4-nitrophenoxy-	226 C9H10N2O5	120973-28-6 17
3		3,4-Dichloro-5-phenylimino-2(5H)-	241 C10H5Cl2N02	220509-42-2 17
4		Phenol, 4-nitro-	139 C6H5NO3	000100-02-7 12
5		Chloromethyl 3-chlorononanoate	240 C10H18Cl2O2	080418-72-0 12



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059578.D
Acq On : 20 Jul 2018 1:57
Operator : VA/AP
Sample : J4057-17
Misc : 6.60µ/5mL/MSVOA F/SOIL
ALS Vial : 70 Sample Multiplier: 1

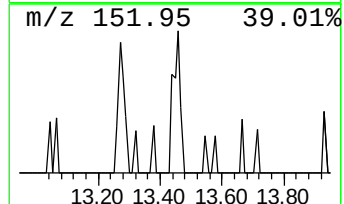
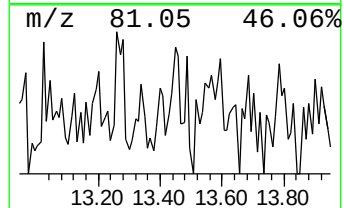
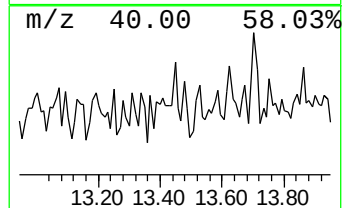
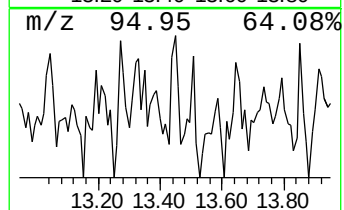
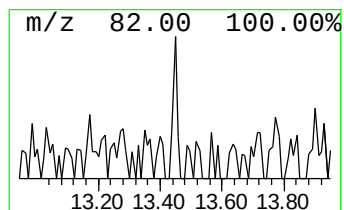
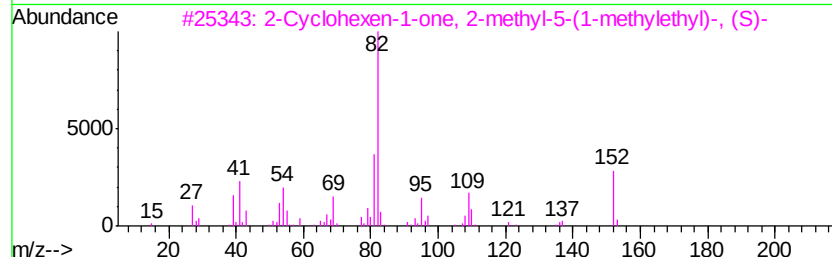
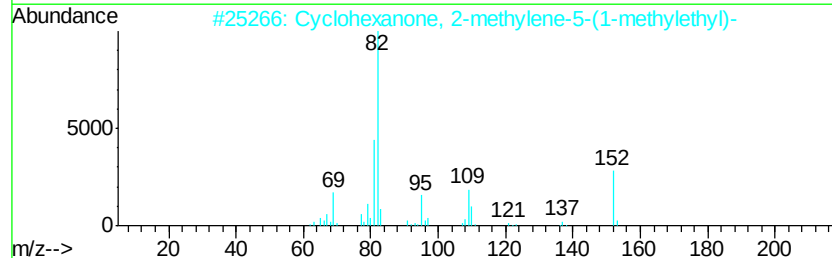
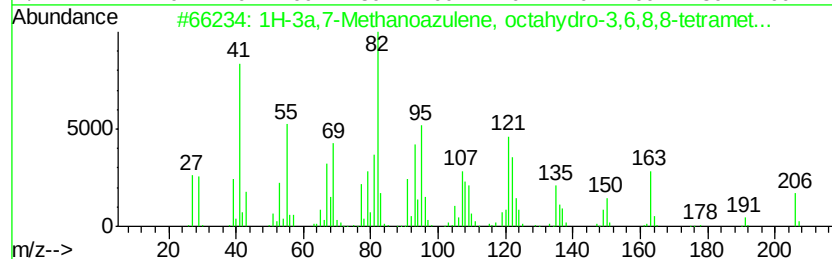
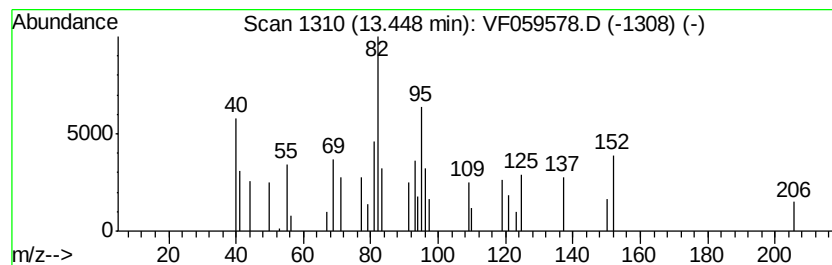
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown13.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.30 ug/l	5919	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-3a,7-Methanoazulene, octahydr...	206 C15H26	013567-54-9 49
2		Cyclohexanone, 2-methylene-5-(1-...	152 C10H16O	015297-07-1 46
3		2-Cyclohexen-1-one, 2-methyl-5-(...	152 C10H16O	000499-71-8 38
4		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 38
5		4,4-Dimethyl-2-propenylcyclopent...	152 C10H16O	068261-88-1 35



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF071918\
Data File : VF059578.D
Acq On : 20 Jul 2018 1:57
Operator : VA/AP
Sample : J4057-17
Misc : 6.60g/5mL/MSV0A_F/SOIL
ALS Vial : 70 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
LS-SOIL-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F071718S.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
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unknown10.38	10.38	6.3	ug/l	13889	3	9.92	110170	50.0
unknown11.38	11.38	10.2	ug/l	11338	4	12.63	55852	50.0
unknown11.94	11.94	20.1	ug/l	22444	4	12.63	55852	50.0
3-Heptene, 2,2,4,...	12.02	28.5	ug/l	31817	4	12.63	55852	50.0
unknown12.09	12.09	9.3	ug/l	10359	4	12.63	55852	50.0
unknown13.45	13.45	5.3	ug/l	5919	4	12.63	55852	50.0