

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059574.D
 Acq On : 20 Jul 2018 00:08
 Operator : VA/AP
 Sample : J4057-01
 Misc : 5.28g/5mL/MSVOA F/SOIL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 LS-SOIL-1

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	60	rVB2	7749	11836	6.84%	1.315%
2	1.176	64	65	72	rBV3	2861	7275	4.20%	0.808%
3	1.353	81	83	87	rBV5	3892	8033	4.64%	0.893%
4	1.501	96	98	100	rVB3	3029	3742	2.16%	0.416%
5	1.856	131	134	138	rVB3	3388	6381	3.69%	0.709%
6	1.964	144	145	149	rVB3	1196	1849	1.07%	0.205%
7	2.023	149	151	153	rVV	2332	1898	1.10%	0.211%
8	2.063	153	155	156	rVB	2664	2678	1.55%	0.298%
9	2.092	156	158	159	rBV2	2033	2909	1.68%	0.323%
10	2.171	163	166	167	rBV3	1958	2924	1.69%	0.325%
11	2.290	174	178	180	rBV3	4565	8260	4.77%	0.918%
12	2.359	184	185	188	rBV2	1073	1860	1.08%	0.207%
13	2.516	197	201	202	rVB2	2517	3508	2.03%	0.390%
14	2.556	202	205	206	rBV	2243	3096	1.79%	0.344%
15	2.575	206	207	209	rVV	14671	9536	5.51%	1.060%
16	2.605	209	210	213	rVV2	1776	2181	1.26%	0.242%
17	3.049	253	255	258	rVV2	1240	2651	1.53%	0.295%
18	3.177	266	268	271	rVV	1245	1998	1.15%	0.222%
19	3.226	271	273	277	rVB2	1300	2888	1.67%	0.321%
20	3.285	277	279	282	rBV	976	1807	1.04%	0.201%
21	3.354	282	286	288	rBV2	1365	2051	1.19%	0.228%
22	3.403	288	291	296	rVB2	1209	2850	1.65%	0.317%
23	3.502	298	301	303	rBV3	1459	2746	1.59%	0.305%
24	3.541	303	305	310	rVB2	1304	3750	2.17%	0.417%
25	3.679	317	319	321	rVV	968	1909	1.10%	0.212%
26	3.788	329	330	333	rVB3	1537	2315	1.34%	0.257%
27	3.886	337	340	341	rBV2	1697	2100	1.21%	0.233%
28	3.955	344	347	348	rVB2	1227	1770	1.02%	0.197%
29	4.103	361	362	367	rVB3	1652	3516	2.03%	0.391%
30	4.300	375	382	389	rVV2	14276	46391	26.81%	5.155%
31	4.399	389	392	393	rVB3	1675	2378	1.37%	0.264%
32	4.557	406	408	412	rVV2	1154	2483	1.44%	0.276%
33	4.813	431	434	437	rVB2	808	2091	1.21%	0.232%
34	4.931	443	446	447	rBV2	1195	2202	1.27%	0.245%

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35	4.951	447	448	450	rVV	1825	1908	1.10%	0.212%
36	5.040	450	457	470	rVV2	50542	173019	100.00%	19.225%
37	5.188	470	472	475	rVB3	1529	2454	1.42%	0.273%
38	5.345	487	488	491	rBV2	1358	1790	1.03%	0.199%
39	5.464	496	500	502	rBV2	1434	2904	1.68%	0.323%
40	5.769	523	531	539	rBV	39358	126343	73.02%	14.038%
41	6.292	581	584	585	rBV	1227	1818	1.05%	0.202%
42	6.380	591	593	596	rVB	1285	2091	1.21%	0.232%
43	6.449	598	600	602	rVB	2105	3082	1.78%	0.342%
44	6.499	602	605	606	rBV	1252	2202	1.27%	0.245%
45	6.587	611	614	615	rBV2	1846	2748	1.59%	0.305%
46	6.706	621	626	627	rBV3	1166	3232	1.87%	0.359%
47	6.824	636	638	641	rBV	1377	1820	1.05%	0.202%
48	7.100	663	666	669	rVB2	1649	2404	1.39%	0.267%
49	7.366	689	693	694	rBV2	1007	2034	1.18%	0.226%
50	7.711	720	728	735	rBV	38876	100669	58.18%	11.186%
51	8.017	755	759	762	rBV2	836	1751	1.01%	0.195%
52	8.066	762	764	767	rVB3	1402	1961	1.13%	0.218%
53	8.500	806	808	812	rBV2	1304	2522	1.46%	0.280%
54	8.608	817	819	822	rVB3	2056	2003	1.16%	0.223%
55	8.756	833	834	838	rVB4	1688	2685	1.55%	0.298%
56	8.983	855	857	858	rBV	1640	1830	1.06%	0.203%
57	9.130	870	872	875	rBV2	1107	1985	1.15%	0.221%
58	9.653	922	925	927	rBV	1566	3250	1.88%	0.361%
59	9.742	931	934	936	rBV2	1005	1924	1.11%	0.214%
60	9.919	948	952	961	rVB2	36001	87268	50.44%	9.697%
61	10.422	1002	1003	1006	rBV2	1361	2297	1.33%	0.255%
62	10.520	1011	1013	1014	rBV	2243	2406	1.39%	0.267%
63	10.806	1039	1042	1045	rBV4	1691	4430	2.56%	0.492%
64	10.895	1049	1051	1054	rVV3	1567	2905	1.68%	0.323%
65	10.934	1054	1055	1057	rVB2	2621	2201	1.27%	0.245%
66	11.063	1067	1068	1071	rBV	11162	8204	4.74%	0.912%
67	11.151	1075	1077	1079	rVB2	1491	1942	1.12%	0.216%
68	11.260	1085	1088	1093	rVB4	2156	5758	3.33%	0.640%
69	11.329	1093	1095	1096	rBV2	1358	1791	1.04%	0.199%
70	11.348	1096	1097	1101	rVB3	2482	4348	2.51%	0.483%
71	11.516	1109	1114	1119	rBV2	23421	48370	27.96%	5.375%

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72	11.585	1119	1121	1123	rBV	1520	2393	1.38%	0.266%
73	11.615	1123	1124	1125	rBV	2760	1855	1.07%	0.206%
74	11.644	1125	1127	1129	rBV2	2467	3613	2.09%	0.401%
75	11.753	1135	1138	1140	rBV2	1964	3878	2.24%	0.431%
76	11.900	1152	1153	1155	rBV2	2109	3313	1.91%	0.368%
77	11.930	1155	1156	1160	rVV3	3489	5141	2.97%	0.571%
78	12.009	1162	1164	1167	rVB4	6223	9151	5.29%	1.017%
79	12.236	1184	1187	1188	rBV3	3184	5106	2.95%	0.567%
80	12.630	1224	1227	1231	rVB	28505	39420	22.78%	4.380%
81	12.886	1250	1253	1254	rBV3	2812	5248	3.03%	0.583%
82	13.014	1264	1266	1268	rBV2	2085	3988	2.30%	0.443%
83	13.182	1281	1283	1287	rVB5	3931	6695	3.87%	0.744%
84	13.606	1324	1326	1329	rBV4	4393	5158	2.98%	0.573%
85	14.404	1406	1407	1410	rBV3	2730	3152	1.82%	0.350%
86	14.513	1416	1418	1420	rBV3	2928	3082	1.78%	0.342%
87	14.887	1454	1456	1458	rBV3	3082	4506	2.60%	0.501%
88	15.439	1510	1512	1514	rBV3	3695	6079	3.51%	0.675%

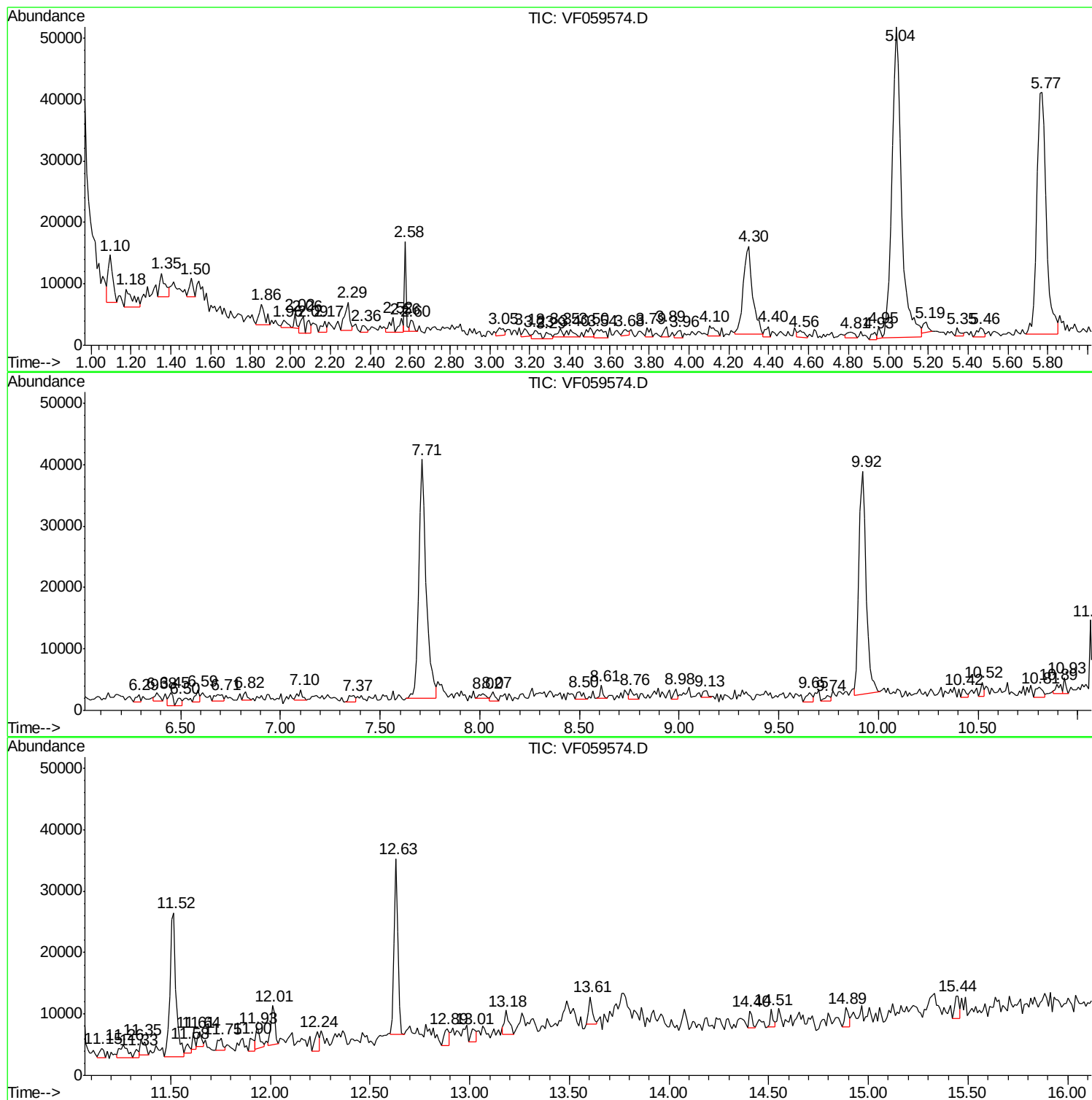
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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



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Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampled :
LS-SOIL-1

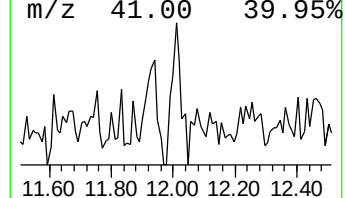
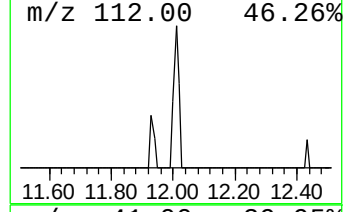
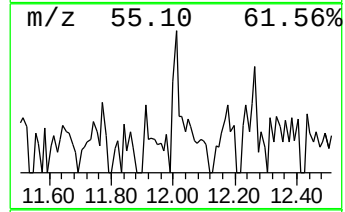
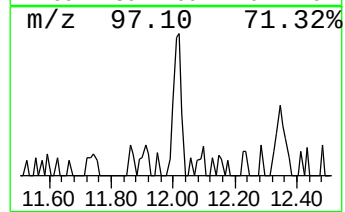
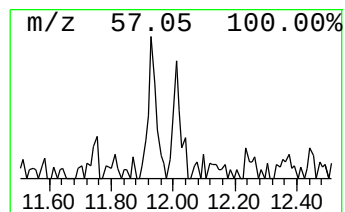
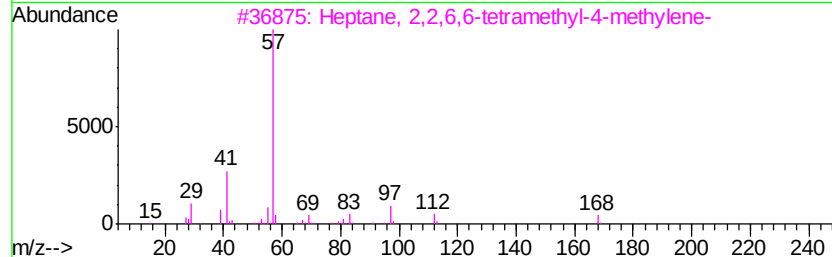
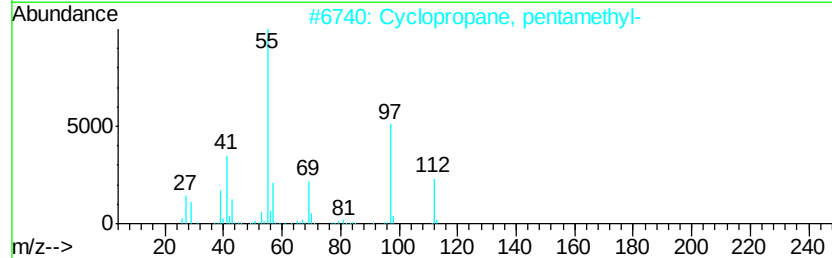
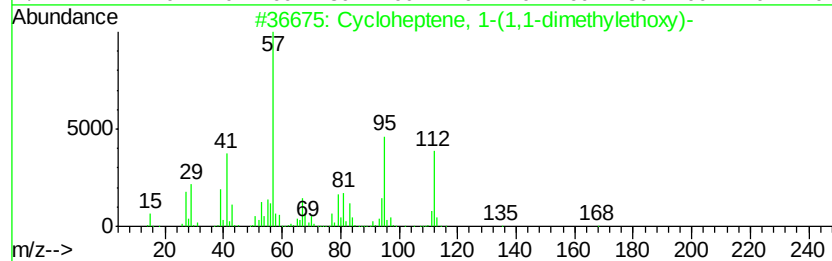
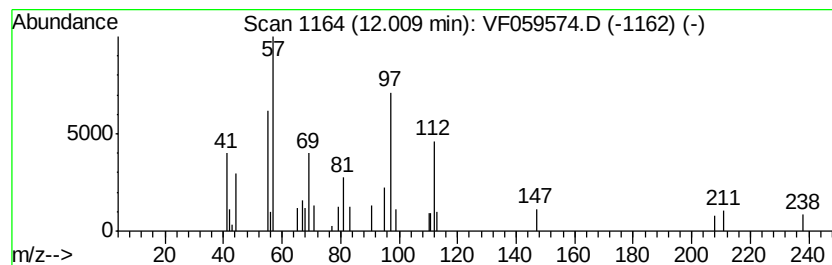
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	11.61 ug/l	9151	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptene, 1-(1,1-dimethyleth...	168	C11H20O	049565-07-3	38
2		Cyclopropane, pentamethyl-	112	C8H16	014172-83-9	38
3		Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	37
4		Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	1000273-47-2	27
5		Sorbic Acid	112	C6H8O2	000110-44-1	25



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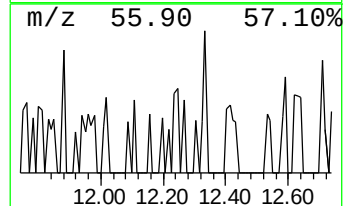
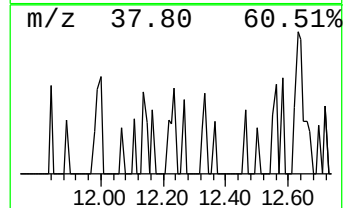
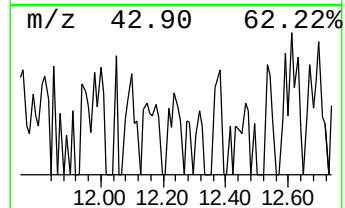
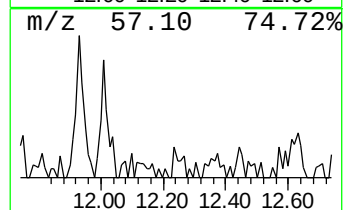
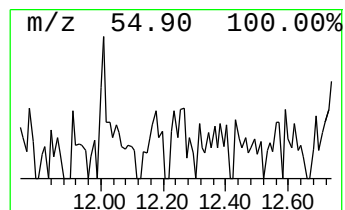
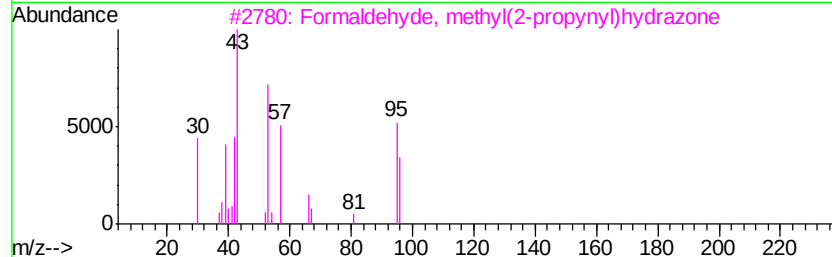
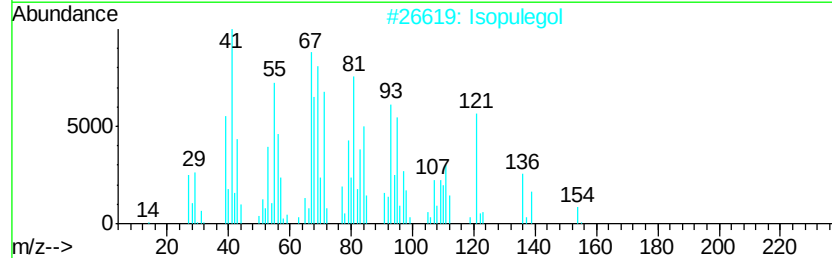
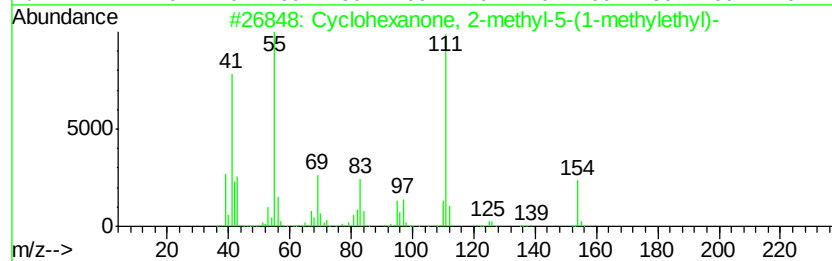
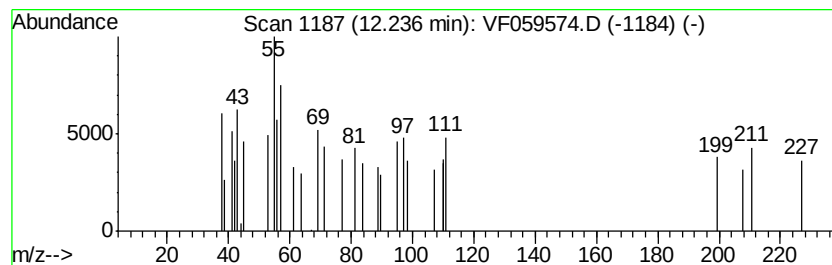
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Quant Title : SW846 8260

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

Peak Number 4 unknown12.24 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.24	6.48 ug/l	5106	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...	154	C10H18O	059471-80-6	12
2	Isopulegol	154	C10H18O	000089-79-2	12
3	Formaldehyde, methyl(2-propynyl)...	96	C5H8N2	110213-10-0	12
4	Cyclohexylamine, N-(2-chlorocycl...	215	C11H18ClNO	1000185-85-4	11
5	8-Methylenecyclooctene-3,4-diol	154	C9H14O2	1000211-26-9	10



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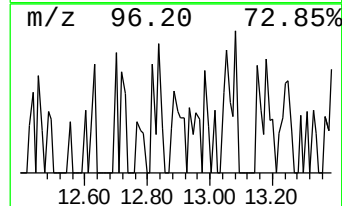
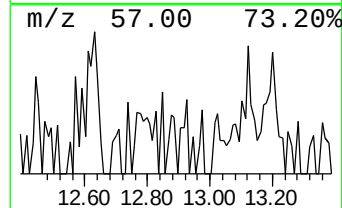
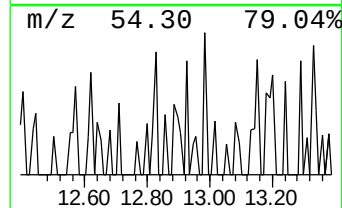
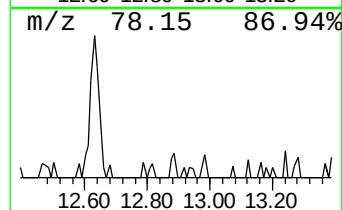
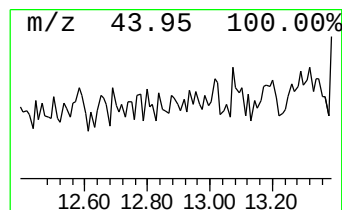
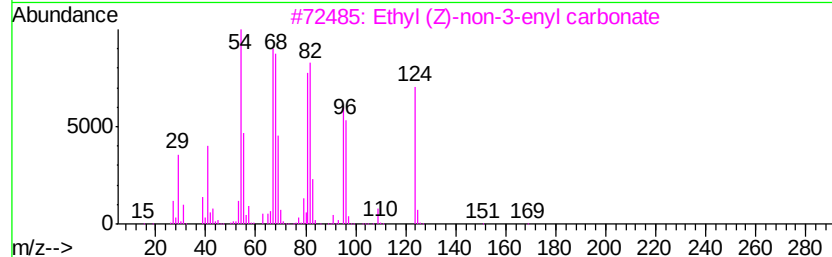
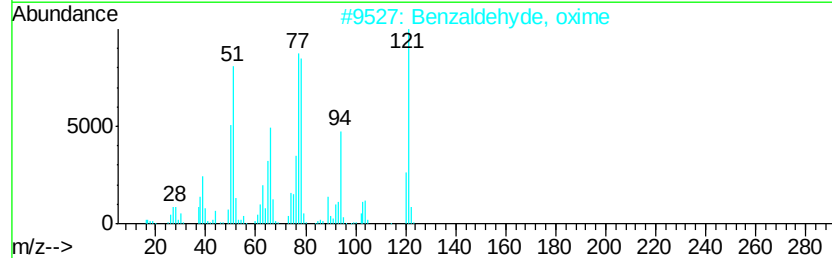
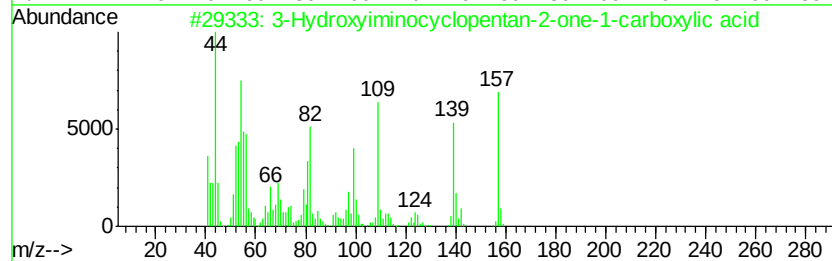
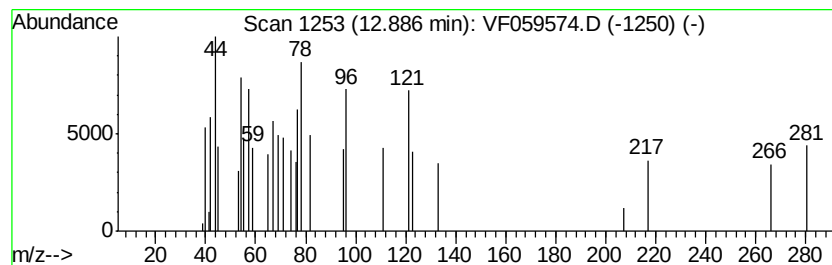
Instrument :
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ClientSampled :
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.89	6.66 ug/l	5248	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxyiminocyclopentan-2-one-...	157	C6H7NO4	1000128-92-0	14
2	Benzaldehyde, oxime	121	C7H7NO	000932-90-1	14
3	Ethyl (Z)-non-3-enyl carbonate	214	C12H22O3	1000373-83-7	12
4	9,12-Hexadecadienoic acid, methy...	266	C17H30O2	002462-80-8	12
5	Fumaric acid, cis-non-3-enyl pro...	282	C16H26O4	1000348-87-7	12



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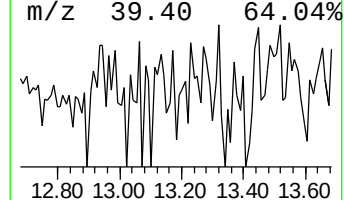
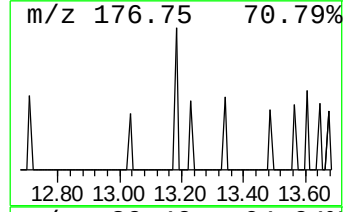
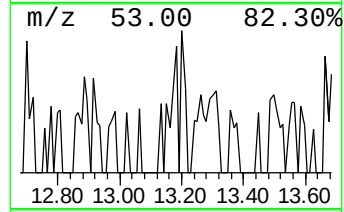
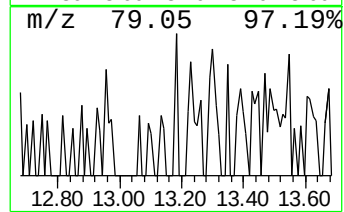
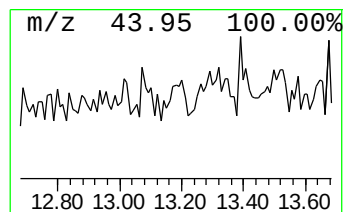
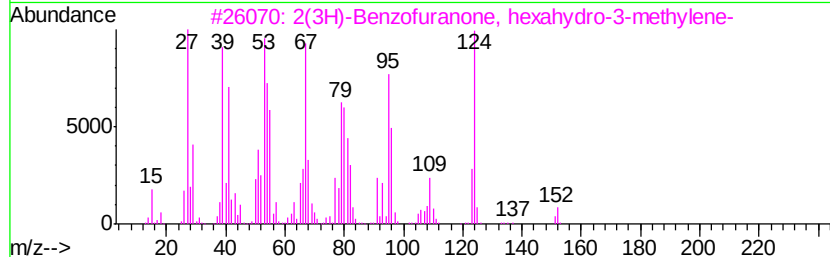
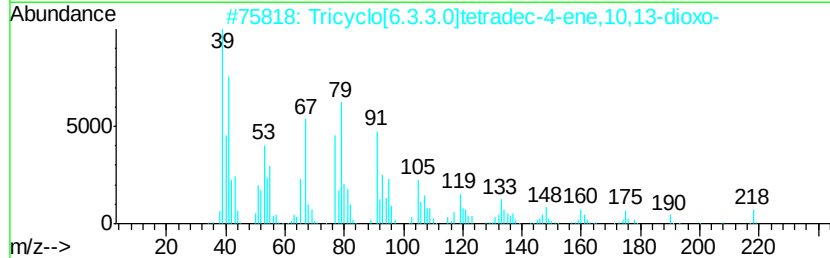
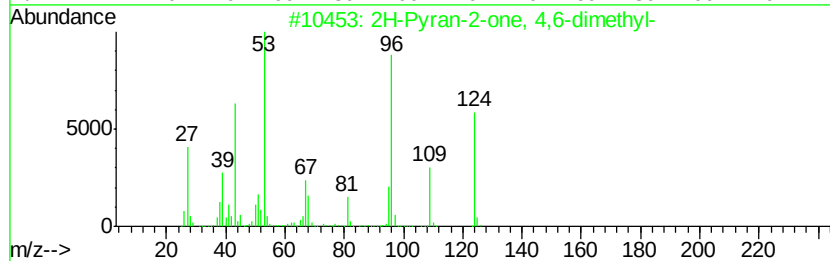
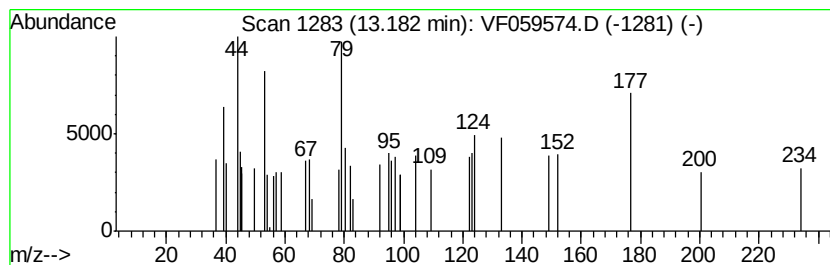
Instrument :
MSVOA_F
ClientSampled :
LS-SOIL-1

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 unknown13.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.18	8.49 ug/l	6695	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 4,6-dimethyl-	124	C7H8O2	000675-09-2	25
2	Tricyclo[6.3.3.0]tetradec-4-ene,...	218	C14H18O2	078046-17-0	20
3	2(3H)-Benzofuranone, hexahydro-3...	152	C9H12O2	053387-38-5	20
4	1,6-Heptadien-4-ol, chlorodifluo...	224	C9H11ClF2O2	1000376-23-1	17
5	3-Cyclohexene-1-carboxaldehyde	110	C7H10O	000100-50-5	17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059574.D
Acq On : 20 Jul 2018 00:08
Operator : VA/AP
Sample : J4057-01
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 66 Sample Multiplier: 1

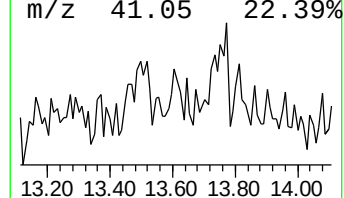
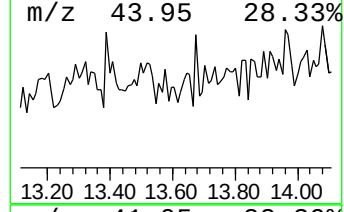
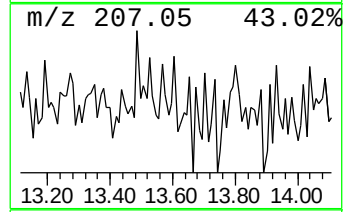
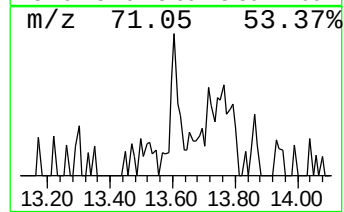
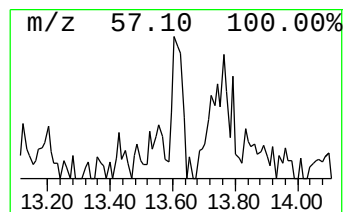
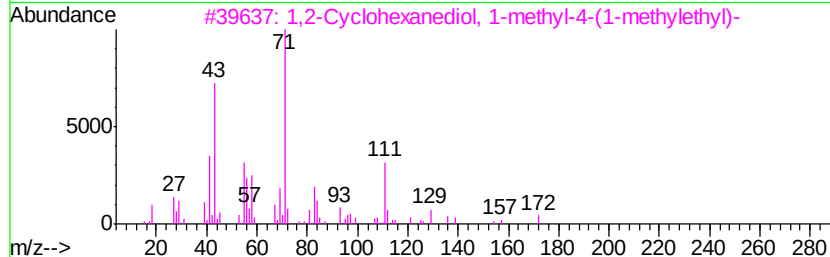
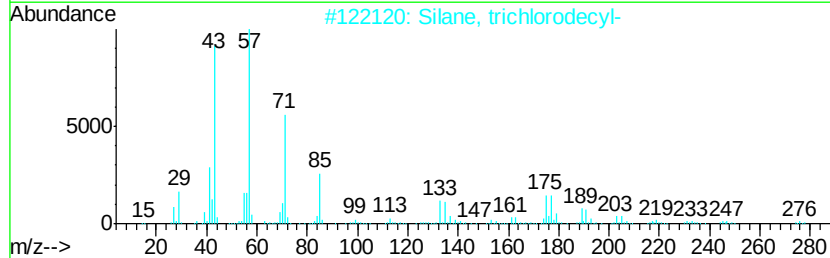
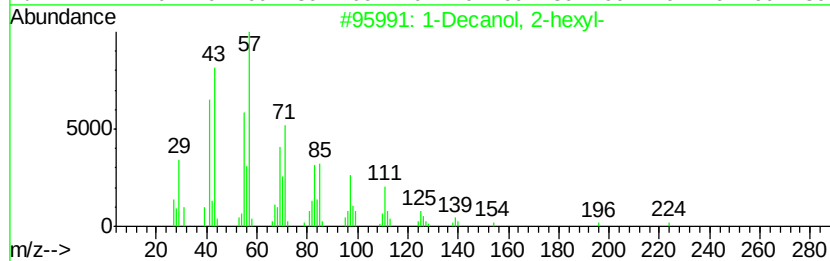
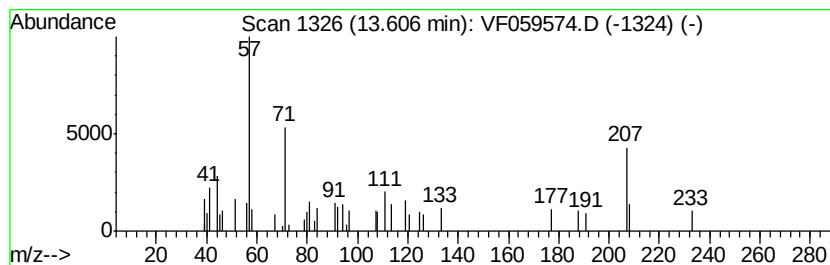
Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-1

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 unknown13.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.61	6.54 ug/l	5158	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	12
2	Silane, trichlorodecyl-	274	C10H21Cl3Si	013829-21-5	12
3	1,2-Cyclohexanediol, 1-methyl-4-...	172	C10H20O2	033669-76-0	10
4	Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	9
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071918\
Data File : VF059574.D
Acq On : 20 Jul 2018 00:08
Operator : VA/AP
Sample : J4057-01
Misc : 5.28g/5mL/MSVOA F/SOIL
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
LS-SOIL-1

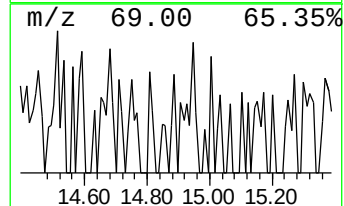
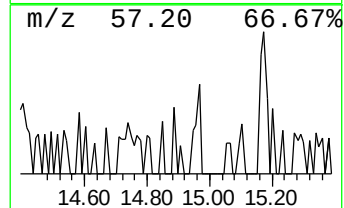
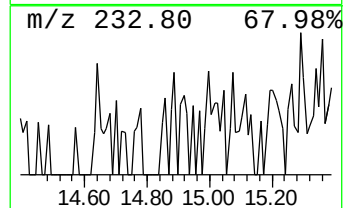
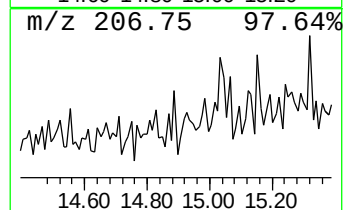
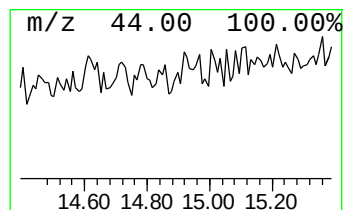
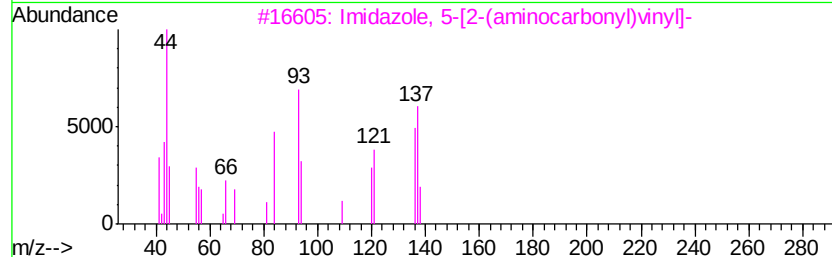
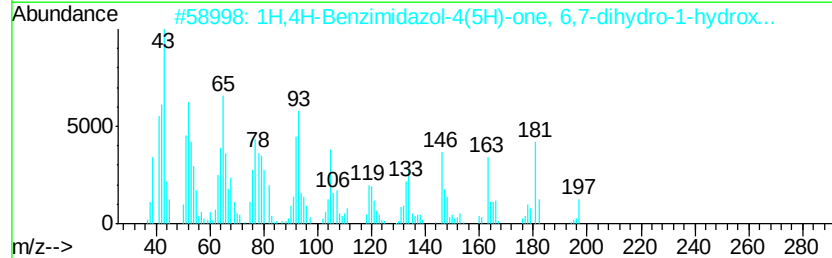
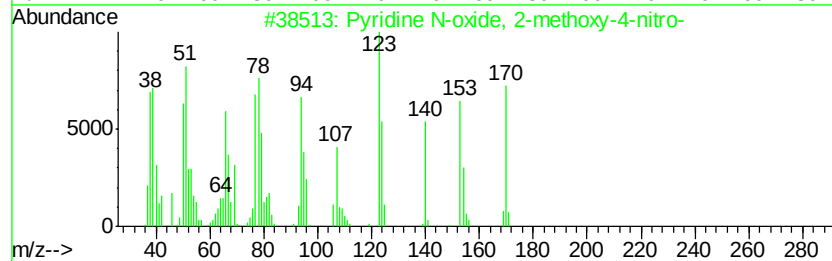
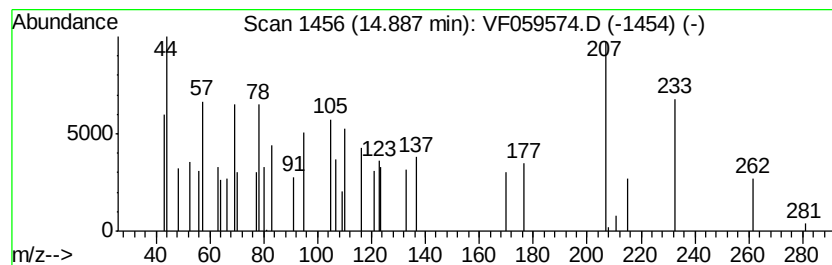
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown14.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.72 ug/l	4506	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine N-oxide, 2-methoxy-4-ni...	170	C6H6N2O4	014395-39-2	14
2		1H,4H-Benzimidazol-4(5H)-one, 6,...	197	C8H11N3O3	1000264-88-2	10
3		Imidazole, 5-[2-(aminocarbonyl)v...	137	C6H7N3O	135200-64-5	10
4		Fumaric acid, isohexyl 2-norborn...	294	C17H26O4	1000345-16-9	10
5		Cyclohexanone, 2,5-dimethyl-2-(1...	166	C11H18O	006711-26-8	10



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF071918\
Data File : VF059574.D
Acq On : 20 Jul 2018 00:08
Operator : VA/AP
Sample : J4057-01
Misc : 5.28g/5mL/MSV0A_F/SOIL
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
LS-SOIL-1

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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unknown12.24	12.24	6.5	ug/l	5106	4	12.63	39420	50.0
unknown12.89	12.89	6.7	ug/l	5248	4	12.63	39420	50.0
unknown13.18	13.18	8.5	ug/l	6695	4	12.63	39420	50.0
unknown13.61	13.61	6.5	ug/l	5158	4	12.63	39420	50.0
unknown14.89	14.89	5.7	ug/l	4506	4	12.63	39420	50.0