

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060338.D
 Acq On : 25 Sep 2018 21:27
 Operator : VA/AP
 Sample : J5069-01
 Misc : 5.10/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SLUDGE-A

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\82F091918S.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	1.107	45	48	49	rBV	9668	14688	2.43%	0.273%
2	1.147	49	52	54	rVV4	7594	12953	2.14%	0.241%
3	1.295	62	67	69	rBV5	6417	17086	2.82%	0.318%
4	1.364	71	74	75	rBV3	4413	7503	1.24%	0.139%
5	2.271	162	166	168	rBV3	16163	33274	5.50%	0.619%
6	2.310	168	170	175	rVB	12443	33523	5.54%	0.623%
7	2.744	212	214	218	rBV5	5536	7847	1.30%	0.146%
8	3.522	288	293	295	rBV5	4587	10060	1.66%	0.187%
9	4.153	353	357	361	rBV4	7636	23919	3.95%	0.445%
10	4.272	363	369	376	rVV2	84363	264780	43.77%	4.923%
11	4.587	392	401	414	rVB4	33141	234977	38.84%	4.369%
12	5.021	437	445	458	rBV2	175859	604947	100.00%	11.247%
13	5.750	513	519	528	rVV	178898	482964	79.84%	8.979%
14	5.878	530	532	537	rVB4	4840	12343	2.04%	0.229%
15	6.115	554	556	562	rVB	10839	19918	3.29%	0.370%
16	6.420	581	587	592	rVV4	16924	50905	8.41%	0.946%
17	6.578	597	603	609	rBV3	17233	62470	10.33%	1.161%
18	7.278	670	674	681	rVV4	8895	25555	4.22%	0.475%
19	7.692	710	716	732	rVB	236259	569238	94.10%	10.583%
20	8.323	778	780	782	rBV2	5527	10974	1.81%	0.204%
21	8.392	786	787	794	rVB5	8314	20351	3.36%	0.378%
22	8.520	798	800	803	rBV4	4096	8324	1.38%	0.155%
23	8.757	820	824	829	rBV6	8939	23132	3.82%	0.430%
24	8.954	840	844	846	rBV4	6732	16214	2.68%	0.301%
25	9.220	869	871	876	rVB4	6186	16844	2.78%	0.313%
26	9.328	879	882	885	rVV4	3729	8513	1.41%	0.158%
27	9.457	888	895	901	rBV8	6051	22670	3.75%	0.421%
28	9.614	908	911	913	rBV3	4540	9069	1.50%	0.169%
29	9.654	913	915	920	rVB5	5906	9123	1.51%	0.170%
30	9.733	920	923	926	rBV5	6160	15096	2.50%	0.281%
31	9.900	935	940	951	rVB	154371	358533	59.27%	6.666%
32	10.087	957	959	966	rVB7	7814	20658	3.41%	0.384%
33	10.344	981	985	986	rBV4	11093	21147	3.50%	0.393%
34	10.462	996	997	1000	rBV3	5704	7071	1.17%	0.131%

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35	10.630	1012	1014	1021	rVB6	12380	20832	3.44%	0.387%
36	10.777	1025	1029	1035	rBV8	11063	31076	5.14%	0.578%
37	10.876	1035	1039	1043	rBV7	8777	22746	3.76%	0.423%
38	11.142	1063	1066	1070	rVB6	5883	16753	2.77%	0.311%
39	11.241	1072	1076	1079	rVB5	9777	21518	3.56%	0.400%
40	11.310	1079	1083	1085	rBV4	11468	24093	3.98%	0.448%
41	11.359	1085	1088	1091	rVB3	21557	42387	7.01%	0.788%
42	11.497	1096	1102	1107	rBV	139362	293910	48.58%	5.464%
43	11.586	1108	1111	1114	rVV4	18867	41335	6.83%	0.768%
44	11.635	1114	1116	1118	rVV3	18525	28039	4.63%	0.521%
45	11.704	1120	1123	1127	rVB6	16924	36508	6.03%	0.679%
46	11.803	1132	1133	1136	rVV3	6493	8341	1.38%	0.155%
47	11.842	1136	1137	1141	rVB3	5182	8959	1.48%	0.167%
48	11.901	1141	1143	1146	rVB4	5479	8855	1.46%	0.165%
49	11.960	1146	1149	1150	rBV2	6515	9665	1.60%	0.180%
50	12.029	1153	1156	1157	rVV3	6592	9770	1.62%	0.182%
51	12.069	1157	1160	1164	rVB5	20670	42197	6.98%	0.785%
52	12.138	1164	1167	1170	rBV5	10709	23304	3.85%	0.433%
53	12.226	1173	1176	1179	rBV4	13255	35753	5.91%	0.665%
54	12.276	1179	1181	1184	rVB3	18204	27284	4.51%	0.507%
55	12.364	1186	1190	1193	rBV4	17953	34038	5.63%	0.633%
56	12.443	1197	1198	1202	rBV3	4655	9335	1.54%	0.174%
57	12.581	1207	1212	1213	rBV4	7279	18066	2.99%	0.336%
58	12.621	1213	1216	1219	rVV	128407	194890	32.22%	3.623%
59	12.670	1219	1221	1226	rVB4	19582	35014	5.79%	0.651%
60	12.769	1228	1231	1233	rBV4	10027	20817	3.44%	0.387%
61	12.907	1242	1245	1249	rVB6	14325	30405	5.03%	0.565%
62	12.995	1252	1254	1258	rVV5	13202	25607	4.23%	0.476%
63	13.054	1258	1260	1265	rVB6	10128	24687	4.08%	0.459%
64	13.183	1270	1273	1275	rVB4	10364	14664	2.42%	0.273%
65	13.261	1275	1281	1284	rBV5	21365	49724	8.22%	0.924%
66	13.311	1284	1286	1288	rVB3	7827	10949	1.81%	0.204%
67	13.370	1288	1292	1293	rBV4	9354	18101	2.99%	0.337%
68	13.399	1293	1295	1297	rVV2	10248	11683	1.93%	0.217%
69	13.439	1297	1299	1302	rVB3	18454	24723	4.09%	0.460%
70	13.597	1313	1315	1318	rVV4	7110	12393	2.05%	0.230%
71	13.646	1318	1320	1323	rVB4	11163	14295	2.36%	0.266%

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72	13.705	1323	1326	1330	rBV5	9909	26560	4.39%	0.494%
73	13.764	1330	1332	1339	rBV8	16241	46014	7.61%	0.855%
74	13.873	1341	1343	1344	rBV2	5416	7076	1.17%	0.132%
75	13.912	1344	1347	1352	rBV5	26031	71838	11.88%	1.336%
76	14.020	1356	1358	1360	rVB3	13616	19277	3.19%	0.358%
77	14.070	1360	1363	1364	rBV3	6693	11487	1.90%	0.214%
78	14.109	1365	1367	1370	rBV4	5038	8129	1.34%	0.151%
79	14.208	1373	1377	1381	rBV7	24401	61217	10.12%	1.138%
80	14.267	1381	1383	1384	rBV2	6433	9759	1.61%	0.181%
81	14.356	1389	1392	1395	rBV4	19947	29406	4.86%	0.547%
82	14.513	1401	1408	1410	rBV8	27305	74254	12.27%	1.381%
83	14.553	1410	1412	1417	rVV6	9621	23493	3.88%	0.437%
84	14.641	1419	1421	1424	rVB3	14017	26207	4.33%	0.487%
85	14.789	1433	1436	1439	rVB4	19248	36226	5.99%	0.674%
86	14.839	1439	1441	1443	rBV2	9311	12348	2.04%	0.230%
87	14.917	1446	1449	1452	rVV5	13942	31162	5.15%	0.579%
88	15.065	1459	1464	1467	rBV6	28963	66506	10.99%	1.236%
89	15.164	1471	1474	1476	rVV4	22893	43518	7.19%	0.809%
90	15.223	1476	1480	1482	rVV4	26530	50874	8.41%	0.946%
91	15.341	1486	1492	1494	rVV6	18103	57673	9.53%	1.072%
92	15.391	1494	1497	1499	rVV4	18645	43170	7.14%	0.803%
93	15.469	1502	1505	1509	rVB2	36290	70919	11.72%	1.319%
94	15.588	1515	1517	1518	rBV2	6250	6896	1.14%	0.128%
95	15.617	1518	1520	1522	rVV2	20425	22740	3.76%	0.423%
96	15.657	1522	1524	1526	rVV3	8423	14643	2.42%	0.272%
97	15.696	1526	1528	1533	rVB4	26056	52739	8.72%	0.981%
98	15.775	1533	1536	1539	rBV5	12863	23829	3.94%	0.443%
99	15.874	1543	1546	1550	rVB5	27974	47991	7.93%	0.892%
100	16.061	1563	1565	1568	rBV4	11908	23341	3.86%	0.434%

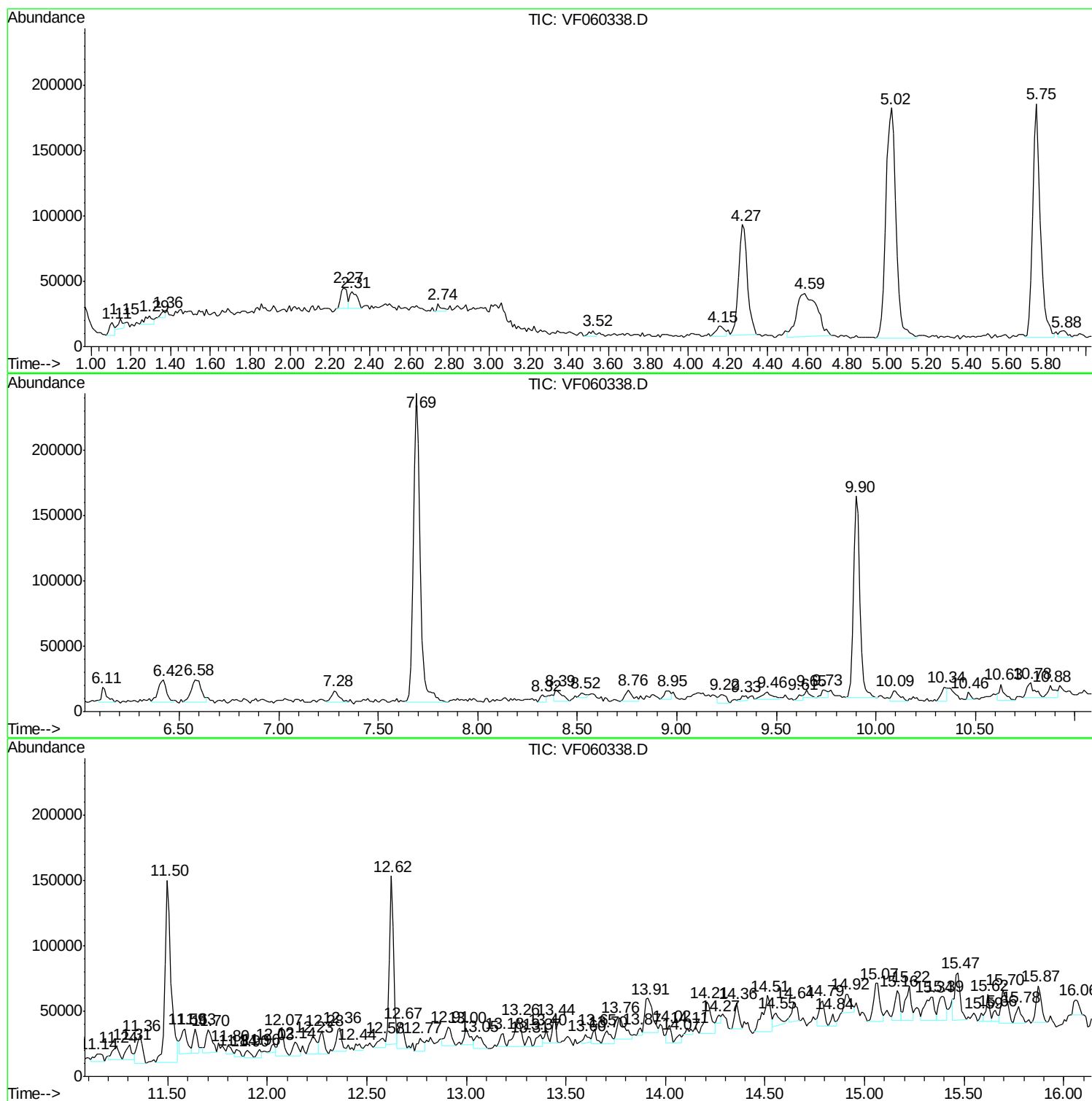
Sum of corrected areas: 5378677

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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



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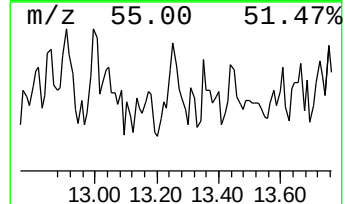
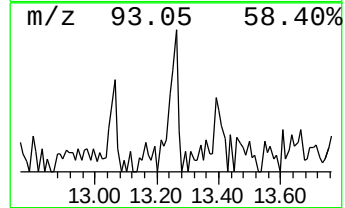
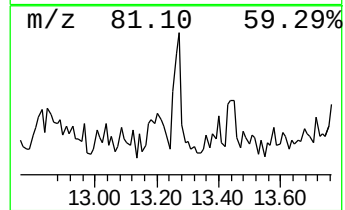
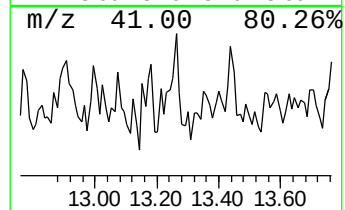
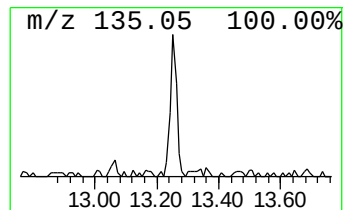
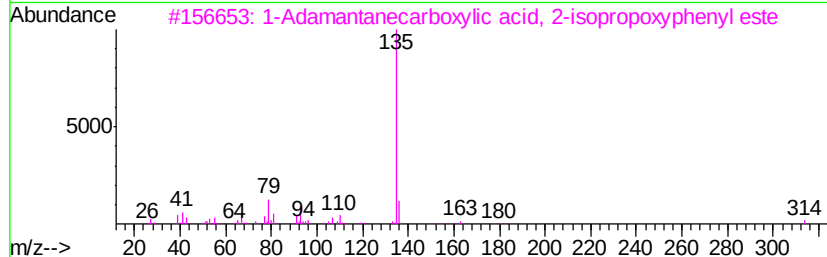
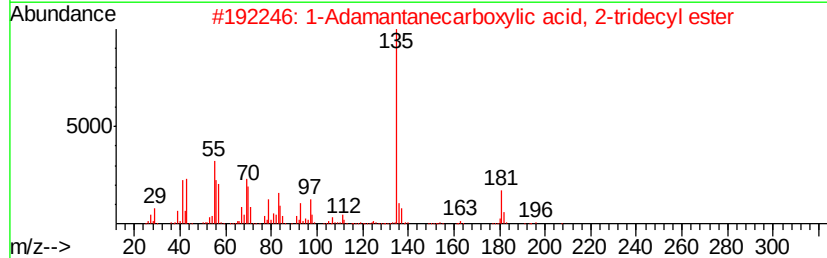
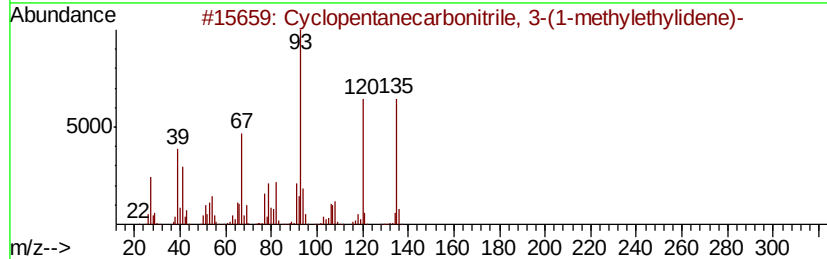
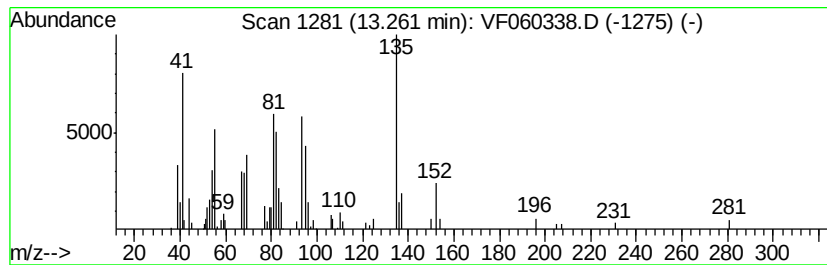
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	12.76 ug/l	49724	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarbonitrile, 3-(1-m...	135	C9H13N	089683-72-7	38
2		1-Adamantanecarboxylic acid, 2-t...	362	C24H42O2	1000282-17-4	27
3		1-Adamantanecarboxylic acid, 2-i...	314	C20H26O3	1000293-75-6	27
4		6,6-Dimethyl-cyclooct-4-enone	152	C10H16O	1000194-10-0	27
5		2H-1,4-Benzoxazine, 3,4-dihydro-	135	C8H9NO	005735-53-5	25



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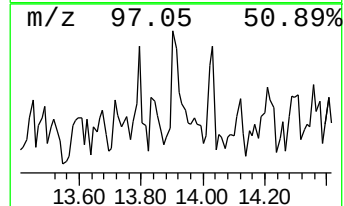
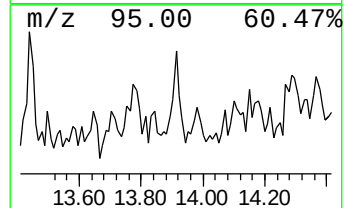
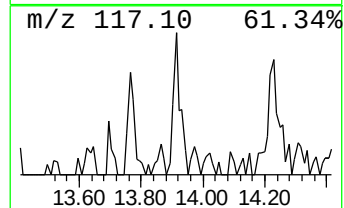
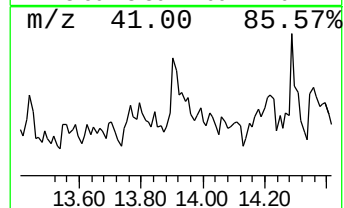
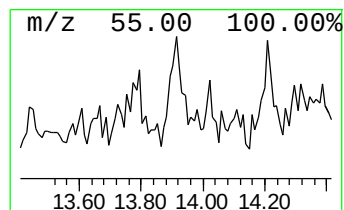
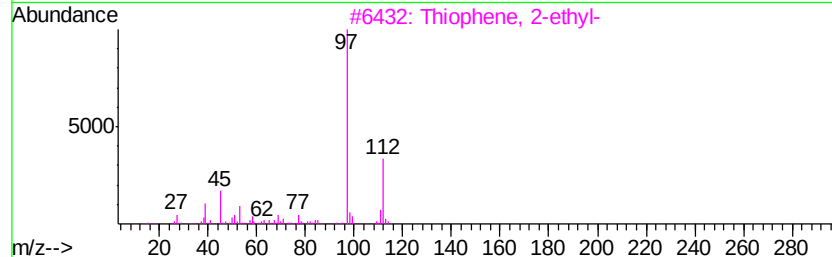
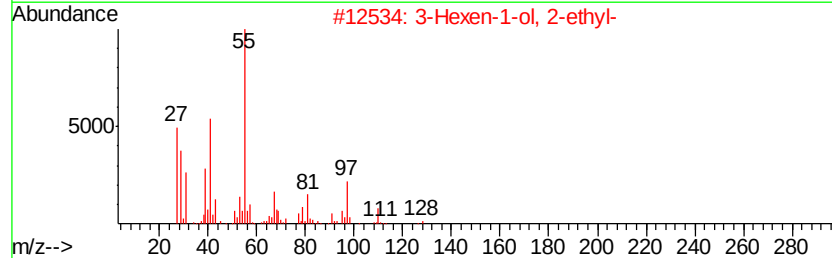
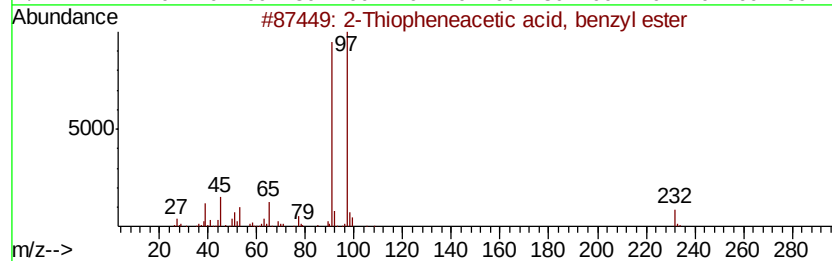
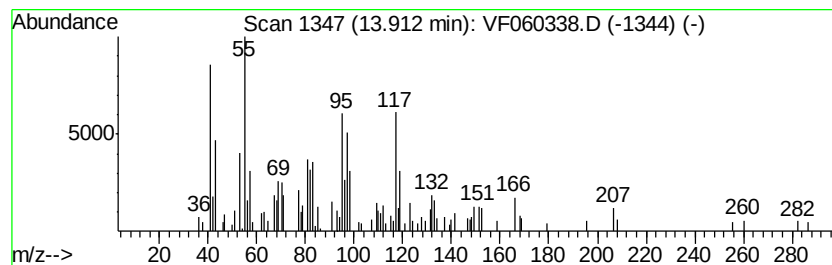
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown13.91 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.91	18.43 ug/l	71838	1,4-Dichlorobenzene-d4	12.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, benzyl e...	232	C13H12O2S	058416-23-2	25
2	3-Hexen-1-ol, 2-ethyl-	128	C8H16O	053907-73-6	25
3	Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	25
4	2-Thiopheneacetic acid, 3,5-difl...	254	C12H8F2O2S	1000293-63-6	17
5	7-Oxabicyclo[4.1.0]heptane, 3-ox...	140	C8H12O2	000106-87-6	17



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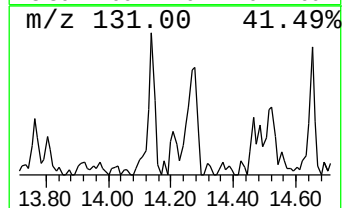
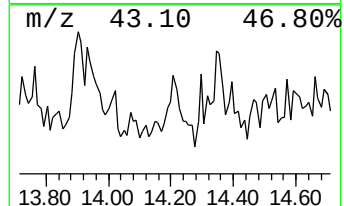
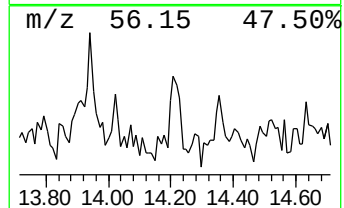
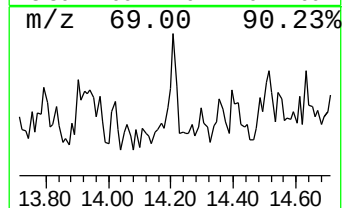
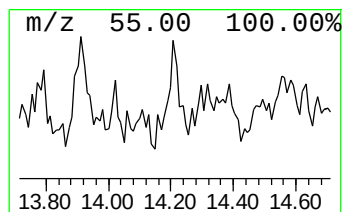
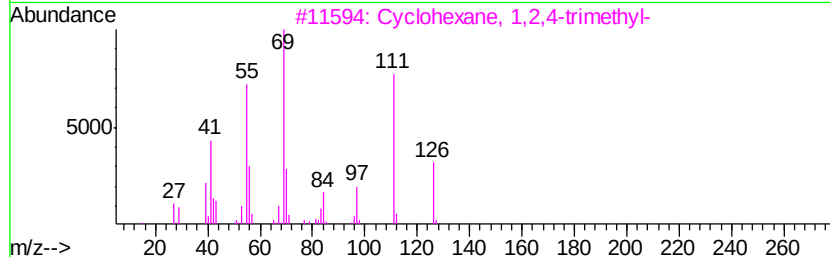
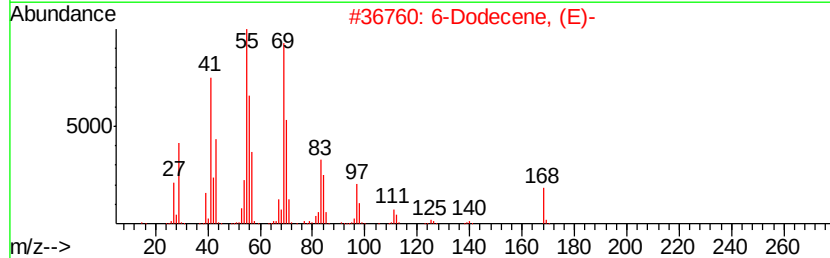
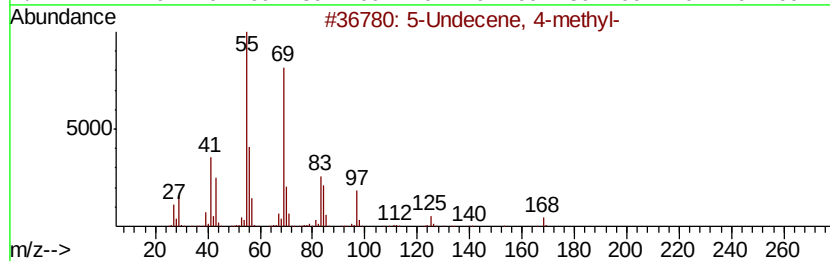
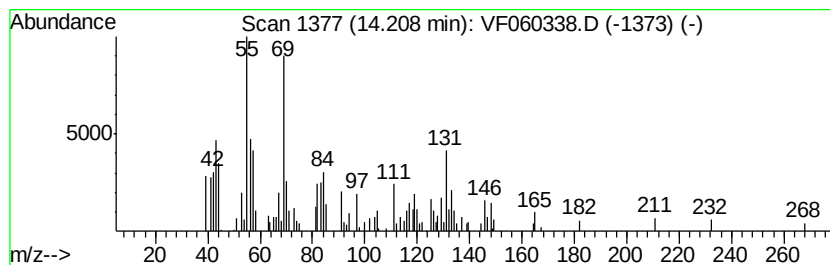
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	15.71 ug/l	61217	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	47
2		6-Dodecene, (E)-	168	C12H24	007206-17-9	47
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	47
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	46
5		2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

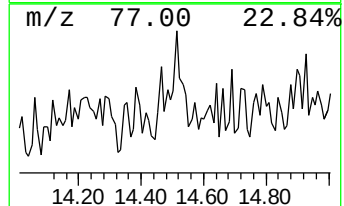
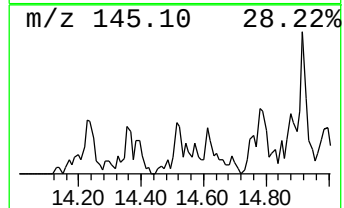
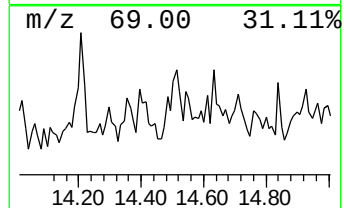
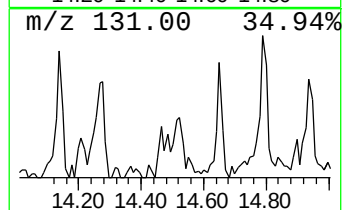
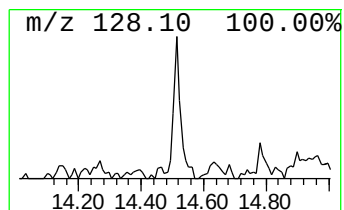
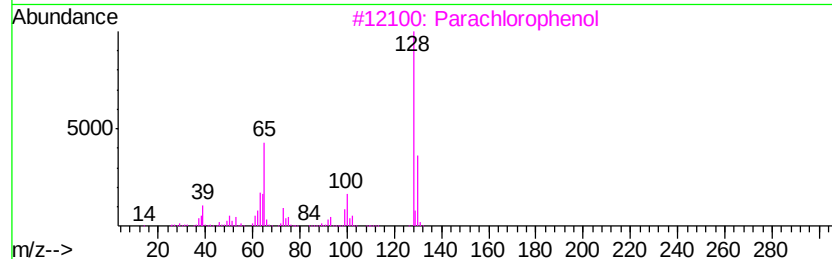
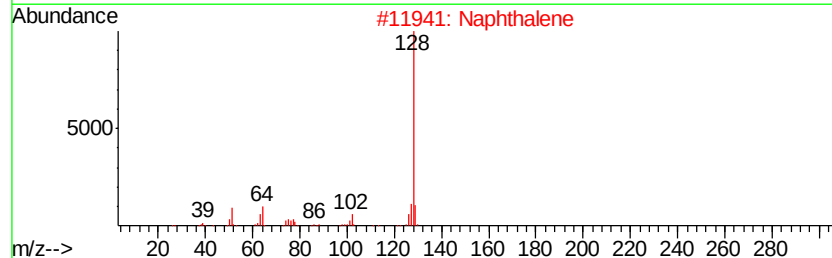
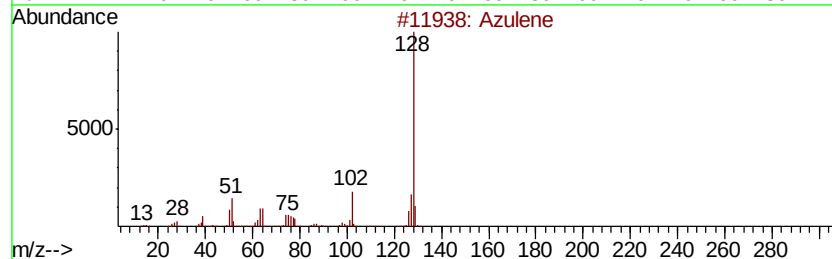
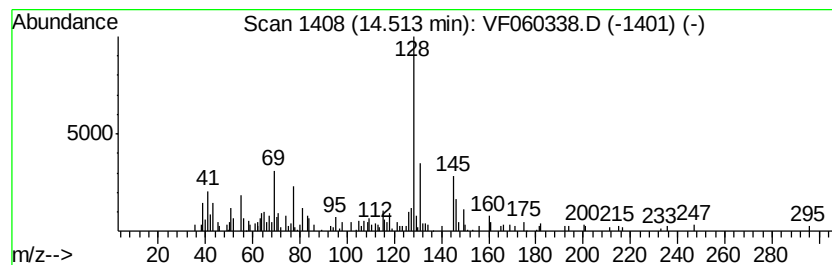
Instrument :
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ClientSampleId :
SLUDGE-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.51 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	19.05 ug/l	74254	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azulene	128 C10H8	000275-51-4 46
2		Naphthalene	128 C10H8	000091-20-3 45
3		Parachlorophenol	128 C6H5ClO	000106-48-9 35
4		Phenol, 3-chloro-	128 C6H5ClO	000108-43-0 35
5		1,2-Benzenedicarbonitrile	128 C8H4N2	000091-15-6 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

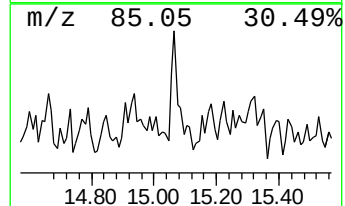
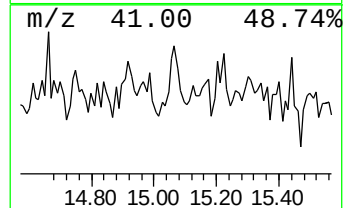
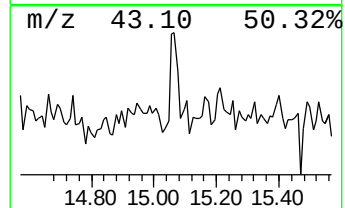
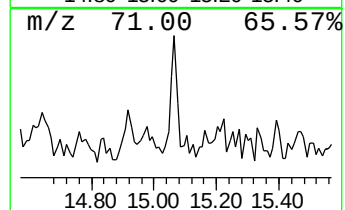
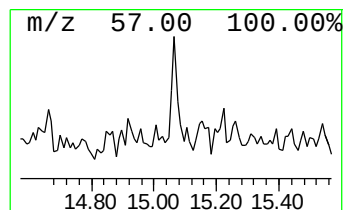
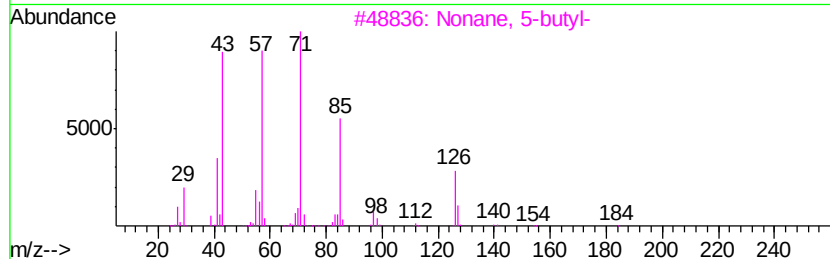
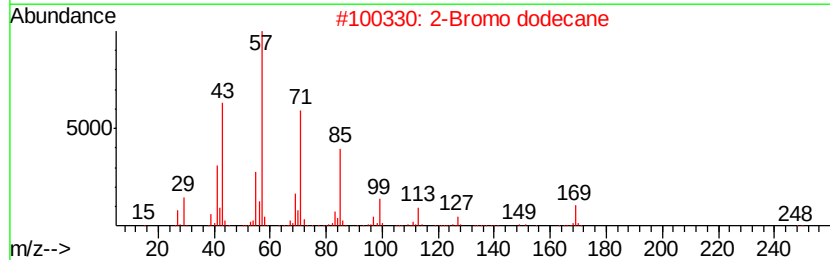
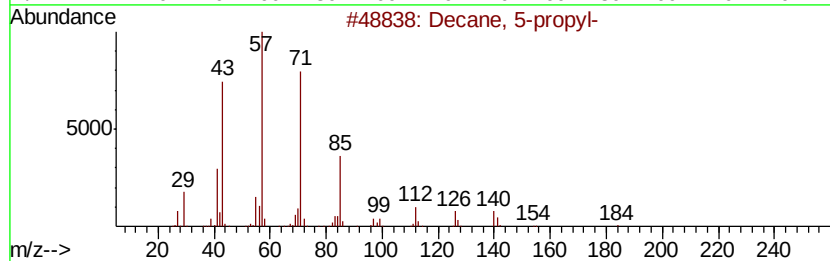
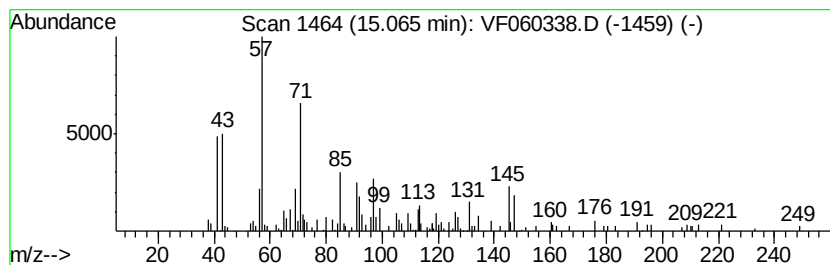
Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown15.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.07	17.06 ug/l	66506	1,4-Dichlorobenzene-d4	12.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	35
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	27
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	27
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	27
5	Octadecane	254	C18H38	000593-45-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-A

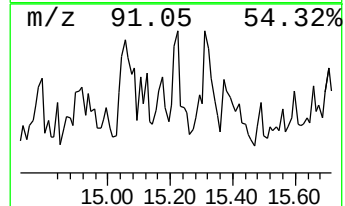
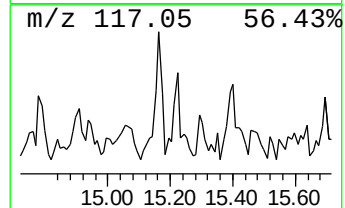
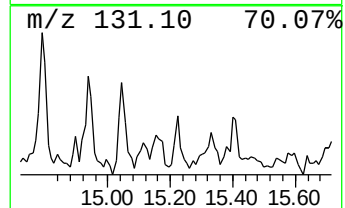
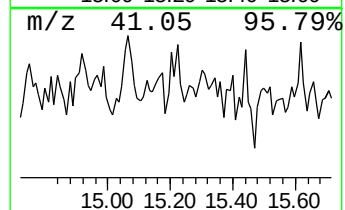
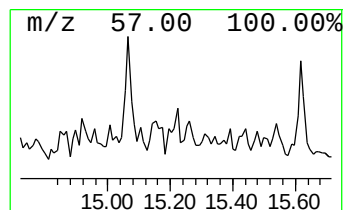
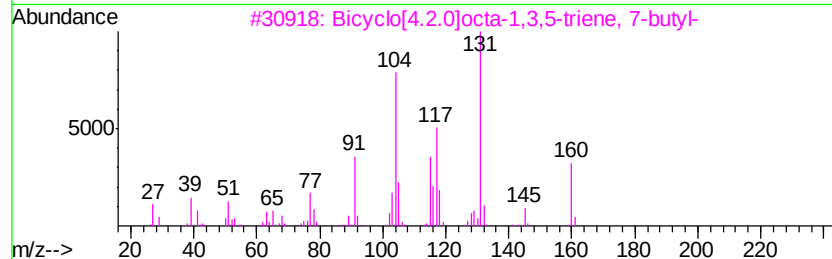
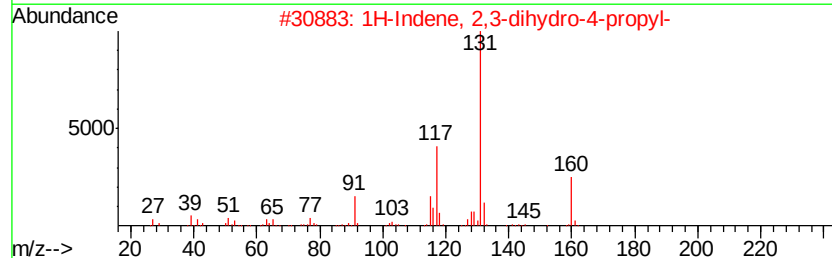
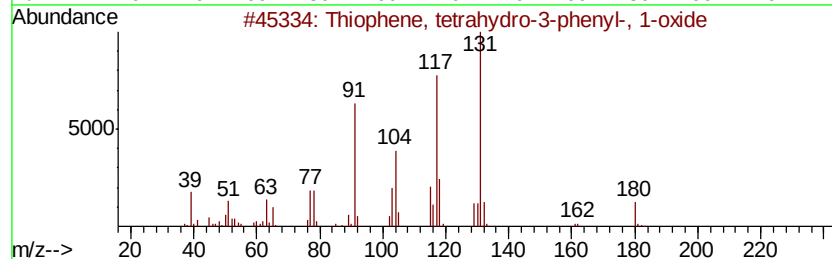
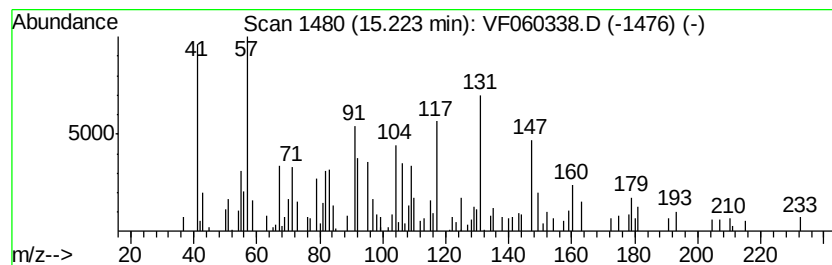
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.22 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	13.05 ug/l	50874	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-3-phenyl-,...	180	C10H12OS	093134-22-6	46
2		1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	30
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	27
4		p-Vinylbenzamide	147	C9H9NO	003661-73-2	14
5		2,3-Dimethylbenzaloxime	149	C9H11NO	1000121-45-1	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

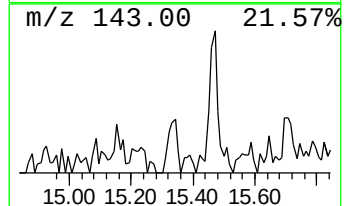
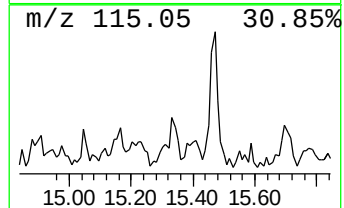
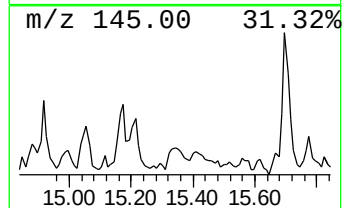
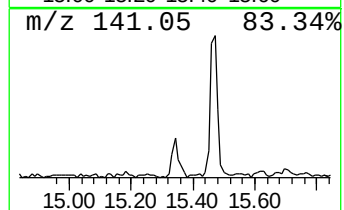
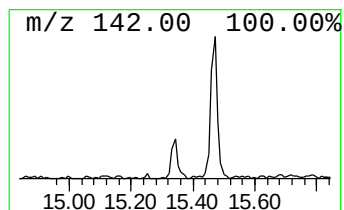
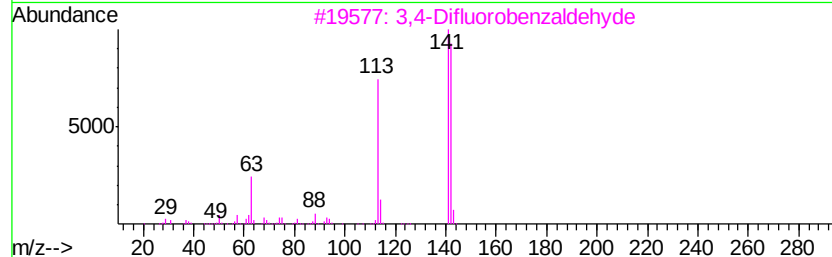
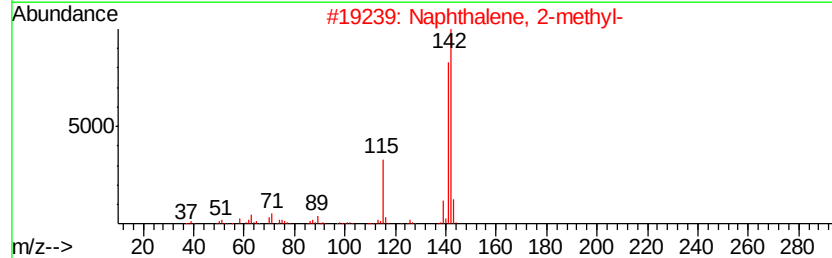
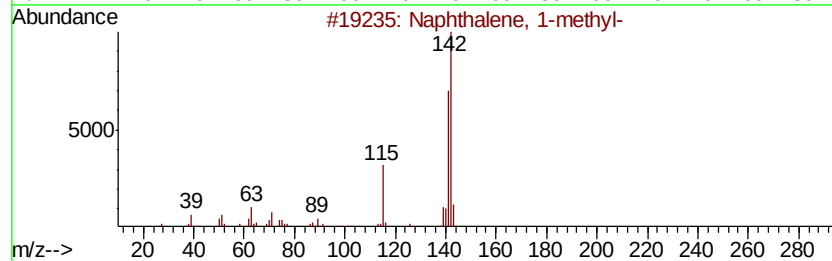
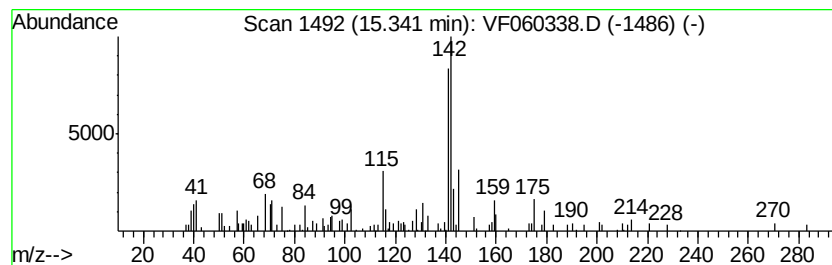
Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.34	14.80 ug/l	57673	1,4-Dichlorobenzene-d4	12.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	58
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	53
3		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	50
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	40
5		1,2-Bis(4-chlorophenyl)ethane-1,...	282	C14H12Cl2O2	038152-44-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
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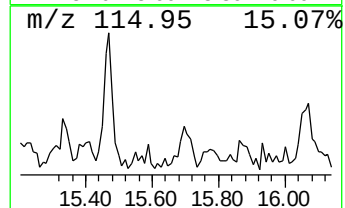
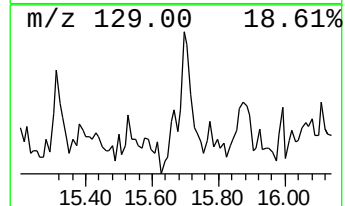
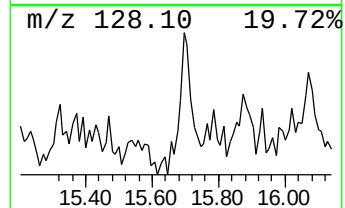
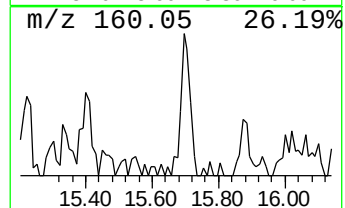
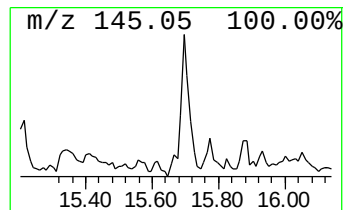
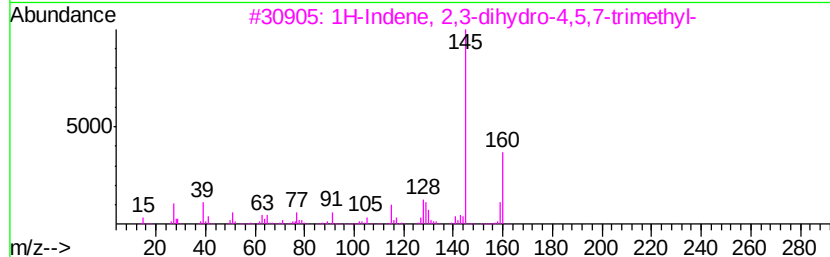
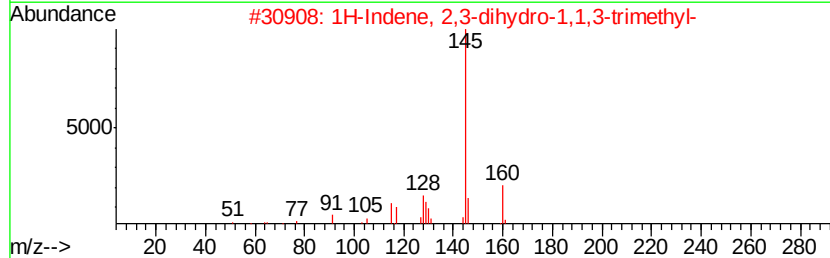
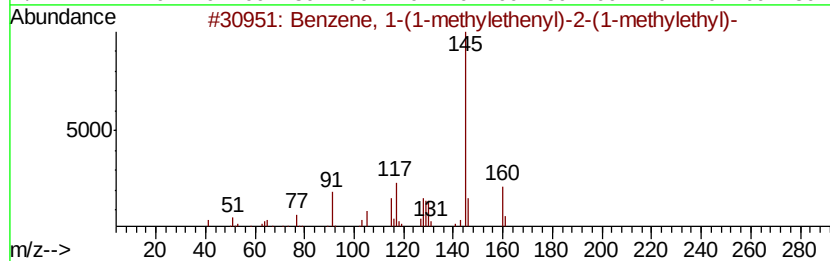
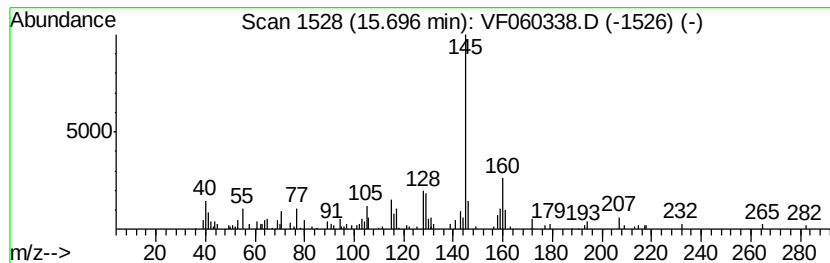
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Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-(1-methylethenyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	13.53 ug/l	52739	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	91
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	72
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	72
5		2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF092518\
Data File : VF060338.D
Acq On : 25 Sep 2018 21:27
Operator : VA/AP
Sample : J5069-01
Misc : 5.10/5mL/MSVOA_F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SLUDGE-A

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.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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unknown13.91	13.91	18.4	ug/l	71838	4	12.62	194890	50.0
unknown14.21	14.21	15.7	ug/l	61217	4	12.62	194890	50.0
unknown14.51	14.51	19.1	ug/l	74254	4	12.62	194890	50.0
unknown15.07	15.07	17.1	ug/l	66506	4	12.62	194890	50.0
unknown15.22	15.22	13.1	ug/l	50874	4	12.62	194890	50.0
Naphthalene, 1-me...	15.34	14.8	ug/l	57673	4	12.62	194890	50.0
Benzene, 1-(1-met...	15.70	13.5	ug/l	52739	4	12.62	194890	50.0