

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060374.D
 Acq On : 28 Sep 2018 18:31
 Operator : VA/AP
 Sample : J4777-35
 Misc : 6.28/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-B

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	1.132	46	51	53	rBV4	16966	43109	3.07%	0.256%
2	2.265	162	166	168	rBV2	14320	29166	2.08%	0.173%
3	4.158	353	358	360	rBV4	7553	18932	1.35%	0.112%
4	4.276	363	370	382	rVB	251663	770882	54.86%	4.574%
5	4.799	418	423	430	rVB3	8963	33485	2.38%	0.199%
6	5.016	438	445	457	rBV2	399132	1405065	100.00%	8.337%
7	5.617	496	506	513	rBV3	22089	79975	5.69%	0.475%
8	5.745	513	519	529	rBV	406203	1071140	76.23%	6.356%
9	6.337	574	579	584	rVB5	6124	16762	1.19%	0.099%
10	7.165	658	663	674	rVB3	38216	159581	11.36%	0.947%
11	7.431	680	690	696	rBV5	16383	65598	4.67%	0.389%
12	7.510	696	698	705	rVB7	10834	25208	1.79%	0.150%
13	7.697	710	717	722	rVV	533377	1331473	94.76%	7.901%
14	7.766	722	724	730	rVV2	53438	109114	7.77%	0.647%
15	7.894	733	737	746	rVB3	18564	57723	4.11%	0.343%
16	8.416	785	790	795	rBV4	12425	32462	2.31%	0.193%
17	8.515	795	800	802	rVV3	13392	28309	2.01%	0.168%
18	8.584	803	807	814	rVB2	43331	119662	8.52%	0.710%
19	8.752	819	824	828	rVV2	52463	128695	9.16%	0.764%
20	8.821	830	831	837	rVV5	9222	18301	1.30%	0.109%
21	8.968	841	846	850	rVB6	7080	19853	1.41%	0.118%
22	9.097	855	859	863	rBV2	29241	78169	5.56%	0.464%
23	9.175	863	867	870	rVV6	10304	29166	2.08%	0.173%
24	9.225	870	872	876	rVB4	7295	16147	1.15%	0.096%
25	9.422	887	892	895	rVV4	6265	16227	1.15%	0.096%
26	9.481	895	898	907	rVB3	10957	37619	2.68%	0.223%
27	9.668	914	917	922	rVV6	8145	24354	1.73%	0.145%
28	9.757	922	926	929	rVV6	8466	21169	1.51%	0.126%
29	9.826	929	933	936	rVV4	10560	30330	2.16%	0.180%
30	9.905	936	941	950	rVV	521221	1222486	87.01%	7.254%
31	10.013	950	952	955	rVV4	11448	24107	1.72%	0.143%
32	10.102	958	961	967	rVV4	15814	36295	2.58%	0.215%
33	10.358	980	987	994	rBV4	59136	200312	14.26%	1.189%
34	10.467	994	998	1003	rVB5	21080	45037	3.21%	0.267%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060374.D
 Acq On : 28 Sep 2018 18:31
 Operator : VA/AP
 Sample : J4777-35
 Misc : 6.28/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-B

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

35	10.634	1004	1015	1021	rVB4	52643	169702	12.08%	1.007%
36	10.772	1025	1029	1036	rBV5	70462	189126	13.46%	1.122%
37	10.881	1036	1040	1042	rBV4	27565	59584	4.24%	0.354%
38	10.920	1042	1044	1048	rVB	21276	30787	2.19%	0.183%
39	11.038	1052	1056	1059	rBV3	21889	50694	3.61%	0.301%
40	11.147	1061	1067	1071	rBV5	43114	117370	8.35%	0.696%
41	11.245	1074	1077	1080	rBV4	22869	36201	2.58%	0.215%
42	11.354	1080	1088	1092	rVB2	101683	263267	18.74%	1.562%
43	11.502	1096	1103	1108	rBV	542361	1029292	73.26%	6.108%
44	11.640	1114	1117	1120	rBV2	71788	116148	8.27%	0.689%
45	11.689	1120	1122	1126	rVV5	25909	51700	3.68%	0.307%
46	11.758	1126	1129	1132	rVB4	31464	58756	4.18%	0.349%
47	11.817	1132	1135	1136	rBV3	24597	41811	2.98%	0.248%
48	11.857	1136	1139	1141	rVB2	40733	65441	4.66%	0.388%
49	11.896	1141	1143	1146	rVB	36137	57404	4.09%	0.341%
50	11.965	1146	1150	1152	rBV3	38380	72760	5.18%	0.432%
51	12.034	1152	1157	1158	rBV4	55616	124952	8.89%	0.741%
52	12.073	1158	1161	1165	rVB2	122015	225912	16.08%	1.341%
53	12.142	1165	1168	1171	rBV3	27589	60468	4.30%	0.359%
54	12.231	1173	1177	1179	rBV4	61542	150993	10.75%	0.896%
55	12.271	1179	1181	1185	rVB2	97762	169005	12.03%	1.003%
56	12.359	1186	1190	1192	rVB2	48971	73618	5.24%	0.437%
57	12.409	1192	1195	1197	rBV3	33688	60527	4.31%	0.359%
58	12.448	1197	1199	1203	rVB4	21932	43381	3.09%	0.257%
59	12.556	1209	1210	1213	rVB2	22511	26089	1.86%	0.155%
60	12.625	1213	1217	1220	rBV	615130	888856	63.26%	5.274%
61	12.675	1220	1222	1226	rVB	181388	260427	18.53%	1.545%
62	12.734	1226	1228	1232	rBV4	25670	54290	3.86%	0.322%
63	12.852	1234	1240	1242	rBV4	65772	152849	10.88%	0.907%
64	12.911	1242	1246	1249	rVB3	94648	222009	15.80%	1.317%
65	12.961	1249	1251	1253	rBV3	25182	38083	2.71%	0.226%
66	13.000	1253	1255	1259	rBV5	80320	197983	14.09%	1.175%
67	13.059	1259	1261	1266	rVB4	71815	147556	10.50%	0.876%
68	13.177	1270	1273	1275	rBV3	85116	142225	10.12%	0.844%
69	13.217	1275	1277	1278	rBV2	47681	45953	3.27%	0.273%
70	13.266	1278	1282	1285	rVB2	185041	346552	24.66%	2.056%
71	13.315	1285	1287	1289	rBV2	70000	113630	8.09%	0.674%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060374.D
 Acq On : 28 Sep 2018 18:31
 Operator : VA/AP
 Sample : J4777-35
 Misc : 6.28/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-B

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

72	13.355	1289	1291	1294	rVV3	89597	184996	13.17%	1.098%
73	13.444	1298	1300	1302	rVB2	175206	216173	15.39%	1.283%
74	13.483	1302	1304	1305	rBV2	28135	34355	2.45%	0.204%
75	13.513	1305	1307	1311	rVB4	37943	65121	4.63%	0.386%
76	13.591	1313	1315	1317	rBV3	24371	40369	2.87%	0.240%
77	13.641	1317	1320	1324	rBV3	60007	115329	8.21%	0.684%
78	13.700	1324	1326	1328	rBV	52733	73136	5.21%	0.434%
79	13.789	1331	1335	1340	rBV6	82396	230450	16.40%	1.367%
80	13.867	1340	1343	1345	rVB2	79390	100934	7.18%	0.599%
81	13.917	1345	1348	1351	rBV3	184406	366651	26.09%	2.176%
82	13.976	1351	1354	1356	rVB3	72751	123823	8.81%	0.735%
83	14.015	1356	1358	1361	rVB3	90113	138033	9.82%	0.819%
84	14.065	1361	1363	1365	rBV3	38059	63836	4.54%	0.379%
85	14.114	1365	1368	1371	rBV5	27717	66578	4.74%	0.395%
86	14.212	1373	1378	1383	rBV5	128797	353254	25.14%	2.096%
87	14.281	1383	1385	1390	rVB4	111853	256911	18.28%	1.524%
88	14.360	1390	1393	1396	rBV4	106762	178200	12.68%	1.057%
89	14.488	1403	1406	1407	rBV3	47283	71211	5.07%	0.423%
90	14.518	1407	1409	1410	rVV2	65131	87723	6.24%	0.521%
91	14.548	1410	1412	1416	rVV5	73547	156970	11.17%	0.931%
92	14.646	1420	1422	1425	rVV3	29724	50394	3.59%	0.299%
93	14.883	1443	1446	1448	rBV3	29144	49402	3.52%	0.293%
94	14.922	1448	1450	1452	rVB3	38017	41548	2.96%	0.247%
95	15.050	1460	1463	1465	rBV2	78445	118728	8.45%	0.705%
96	15.159	1472	1474	1478	rVV5	19541	35744	2.54%	0.212%
97	15.218	1478	1480	1482	rVV2	44041	86677	6.17%	0.514%
98	15.316	1486	1490	1494	rBV5	43820	125819	8.95%	0.747%
99	15.395	1495	1498	1501	rVB4	30645	50195	3.57%	0.298%
100	15.888	1544	1548	1552	rBV5	33112	68821	4.90%	0.408%

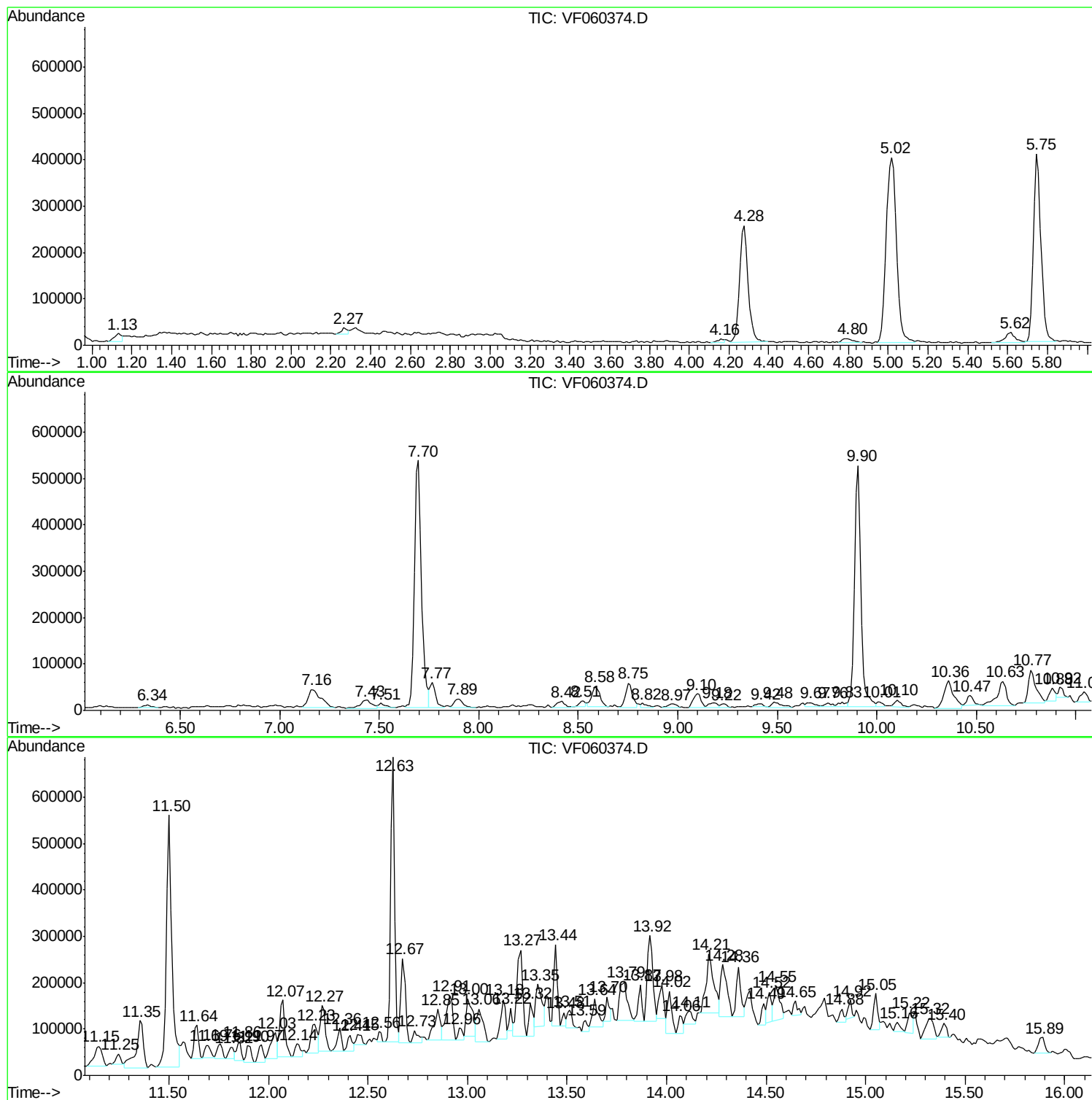
Sum of corrected areas: 16852695

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

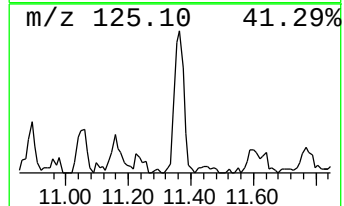
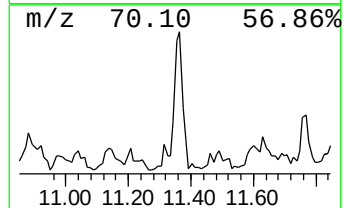
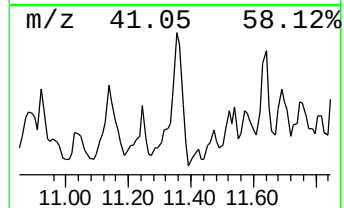
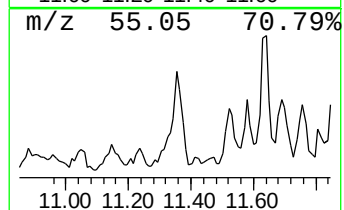
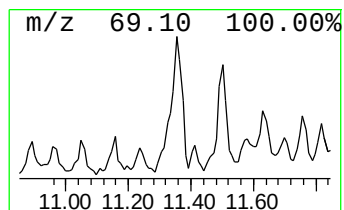
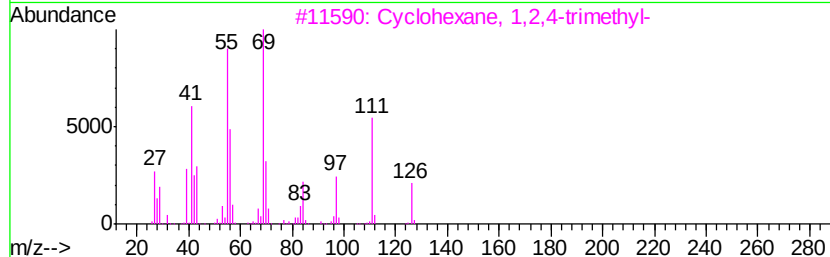
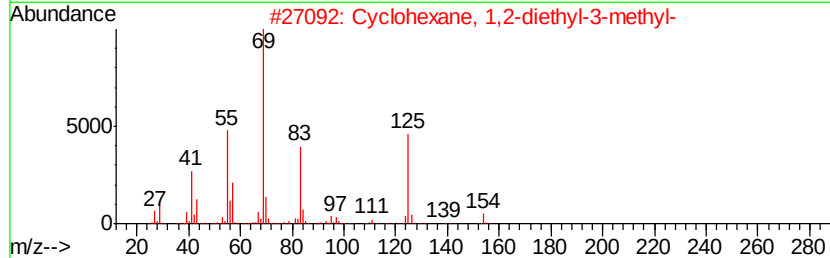
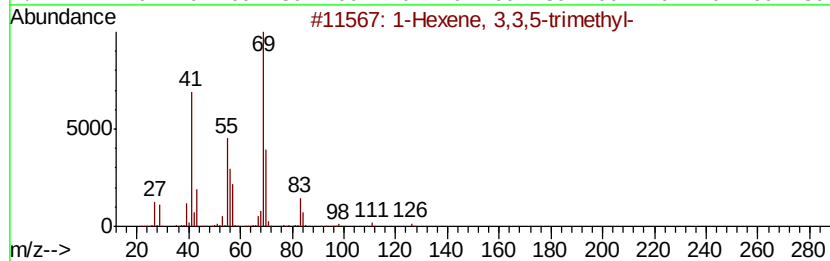
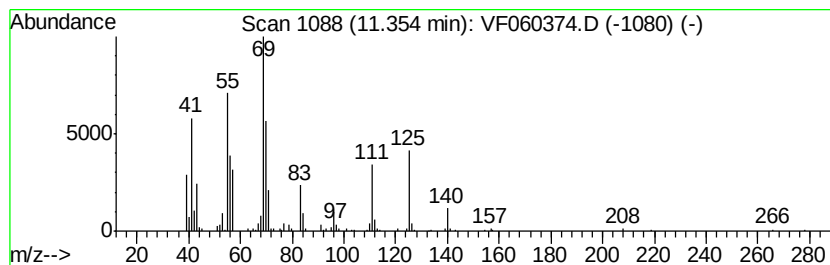
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 1 unknown11.35 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.35	14.81 ug/l	263267	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
2	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	47
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

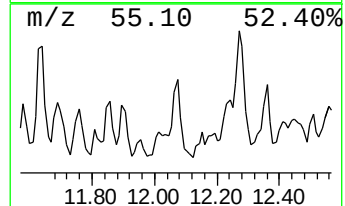
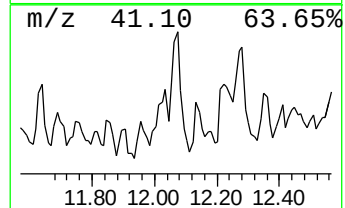
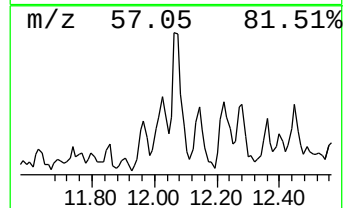
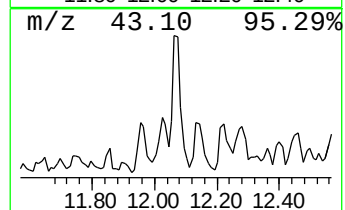
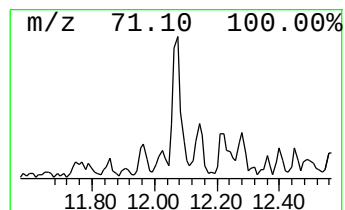
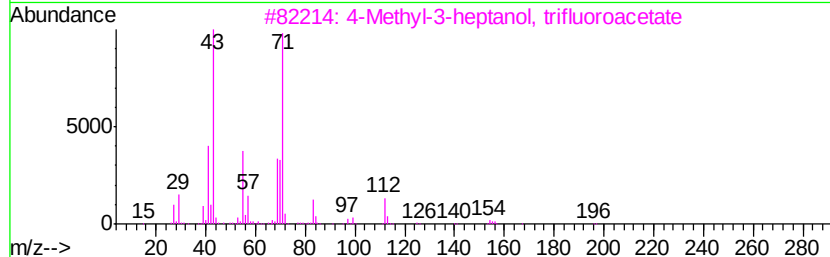
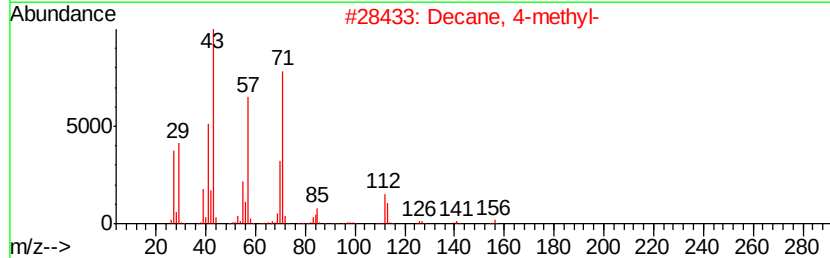
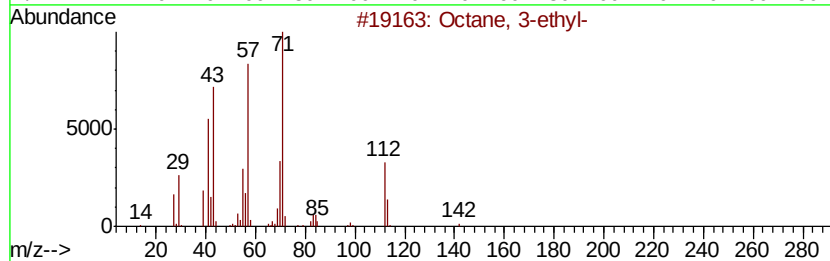
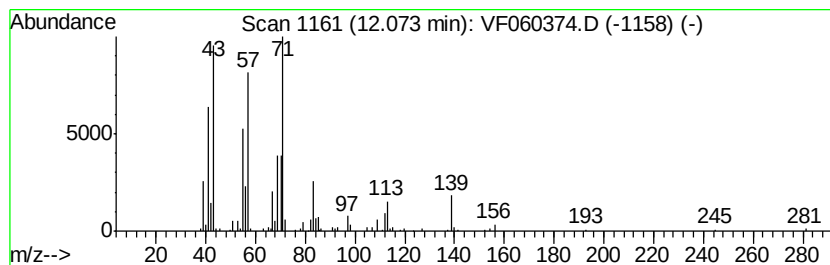
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 Octane, 3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	12.71 ug/l	225912	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 3-ethyl-	142 C10H22	005881-17-4 59
2		Decane, 4-methyl-	156 C11H24	002847-72-5 58
3		4-Methyl-3-heptanol, trifluoroac...	226 C10H17F3O2	1000365-51-8 50
4		Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5 50
5		4-Methyl-3-heptanol, pentafluoro...	276 C11H17F5O2	1000365-51-7 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

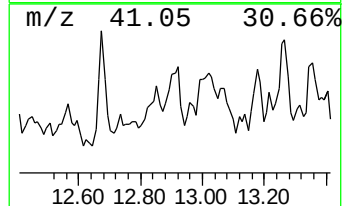
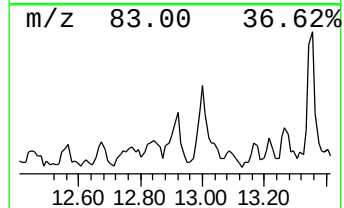
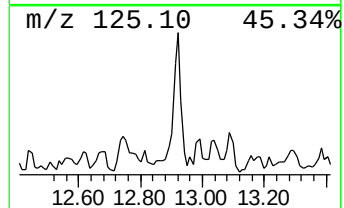
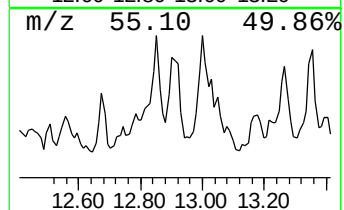
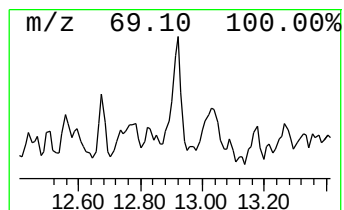
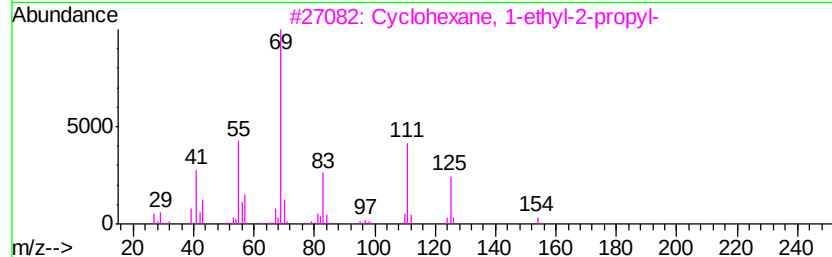
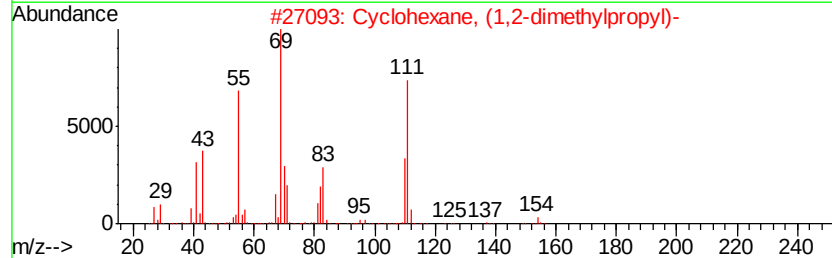
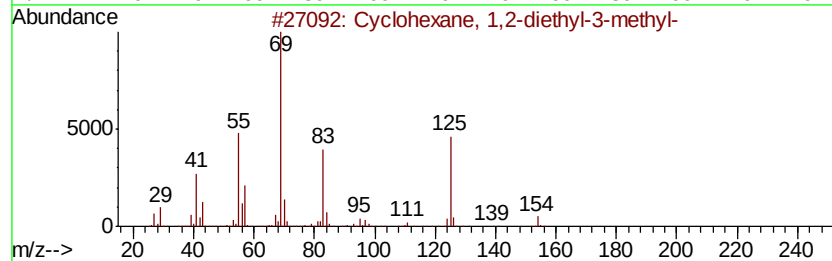
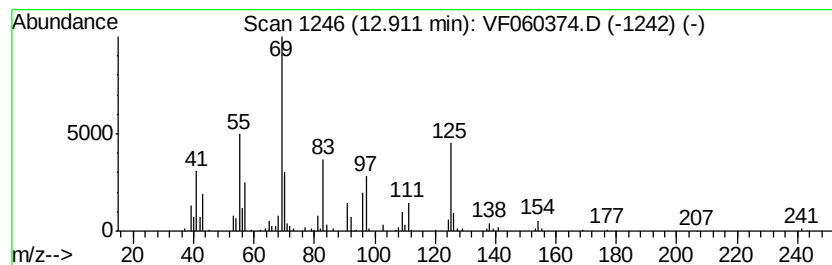
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 3 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	12.49 ug/l	222009	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2-diethyl-3-methyl-	154 C11H22	061141-80-8 58
2		Cyclohexane, (1,2-dimethylpropyl)-	154 C11H22	051284-29-8 43
3		Cyclohexane, 1-ethyl-2-propyl-	154 C11H22	062238-33-9 43
4		Cyclopentane, hexyl-	154 C11H22	004457-00-5 42
5		Cyclohexane, 2,4-diethyl-1-methyl-	154 C11H22	061142-70-9 42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

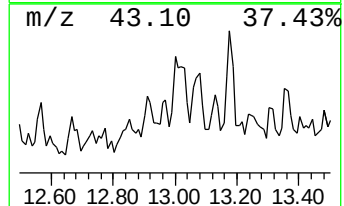
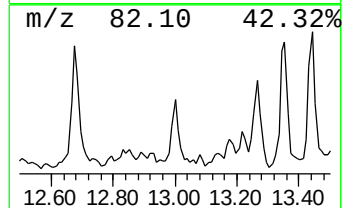
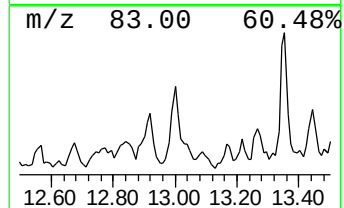
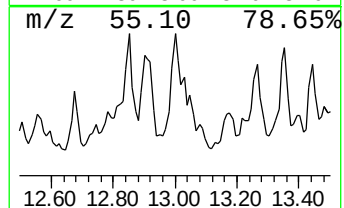
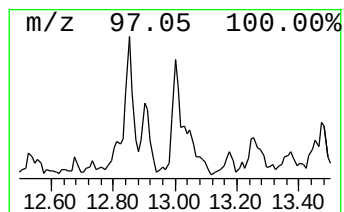
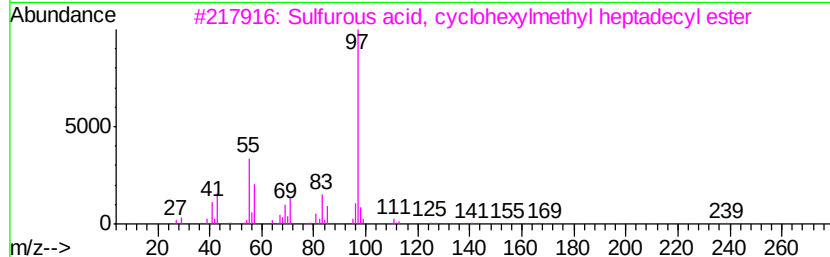
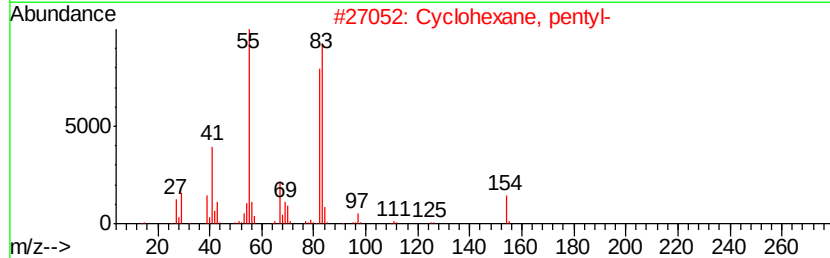
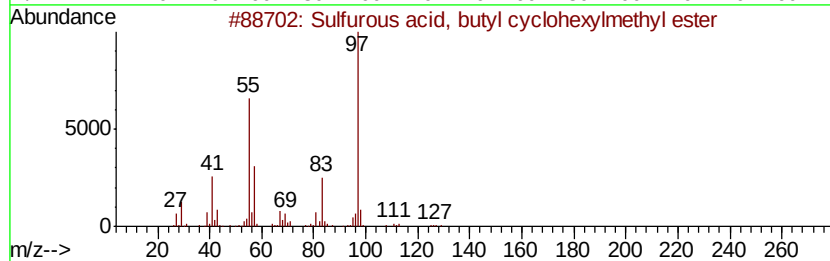
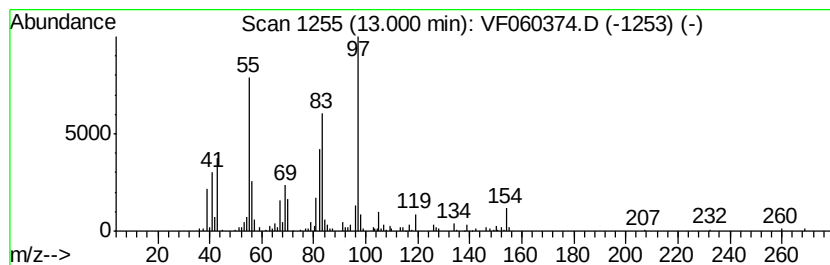
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 4 Sulfurous acid, butyl cyclo... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.00	11.14 ug/l	197983	1,4-Dichlorobenzene-d4	12.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl cyclohexyl-	234	C11H22O3S	1000309-21-4	52
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3		Sulfurous acid, cyclohexylmethyl-	416	C24H48O3S	1000309-22-5	43
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
5		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

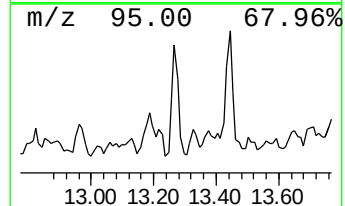
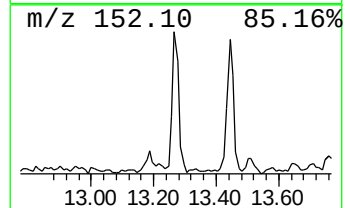
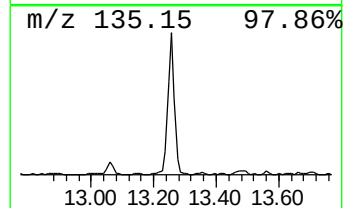
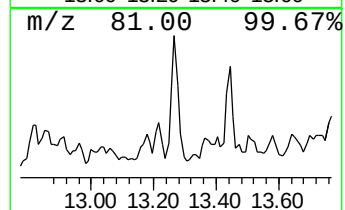
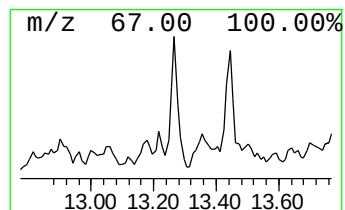
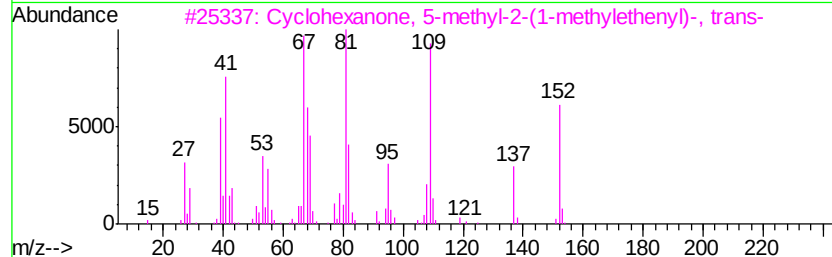
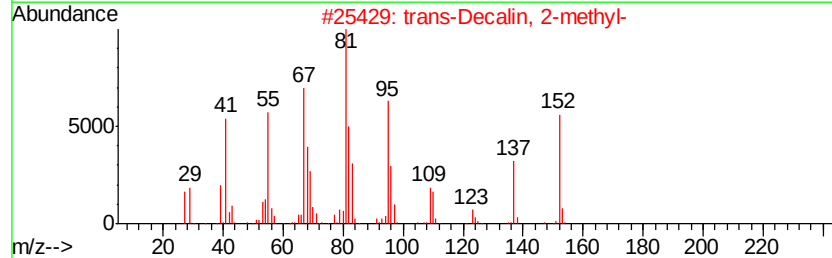
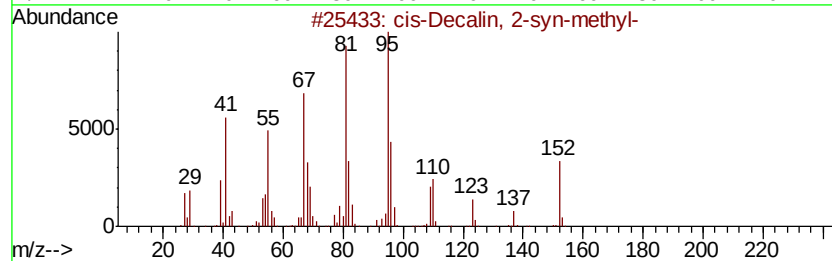
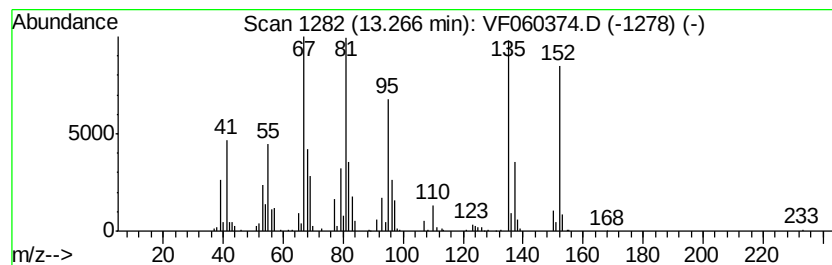
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260

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

Peak Number 5 cis-Decalin, 2-syn-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	19.49 ug/l	346552	1,4-Dichlorobenzene-d4	12.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	89
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	68
3		Cyclohexanone, 5-methyl-2-(1-methyl-2-propenyl)-	152	C10H16O	029606-79-9	58
4		Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	58
5		trans-4a-Methyl-decahydronaphthalene	152	C11H20	002547-27-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

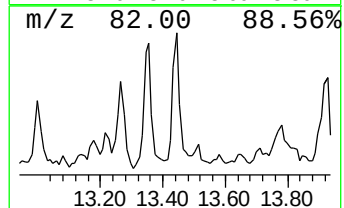
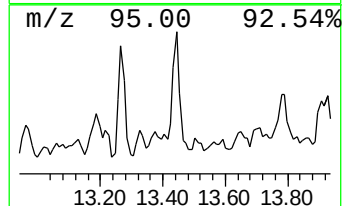
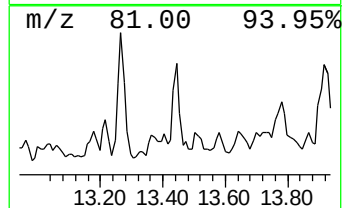
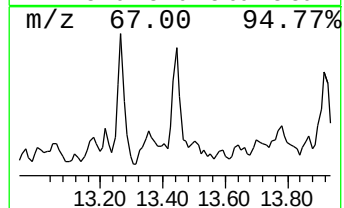
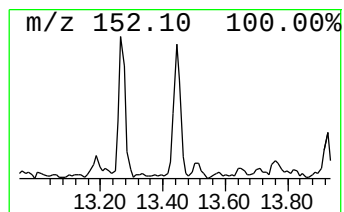
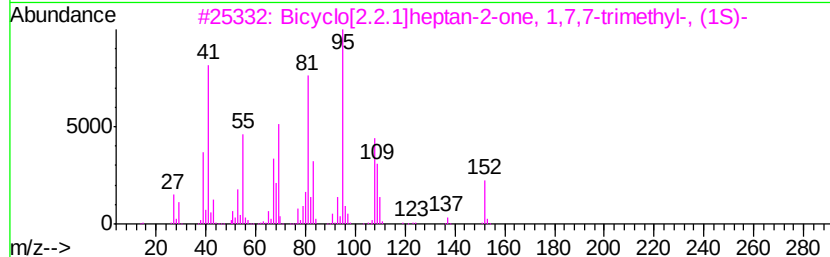
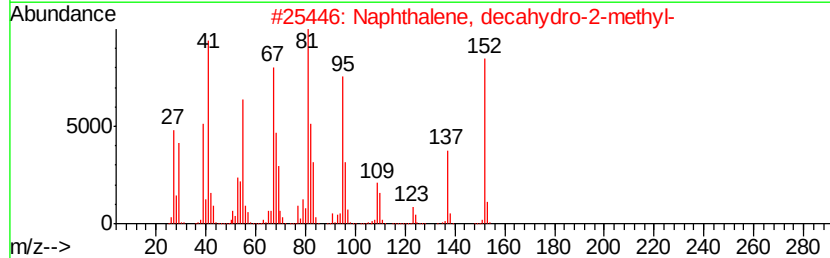
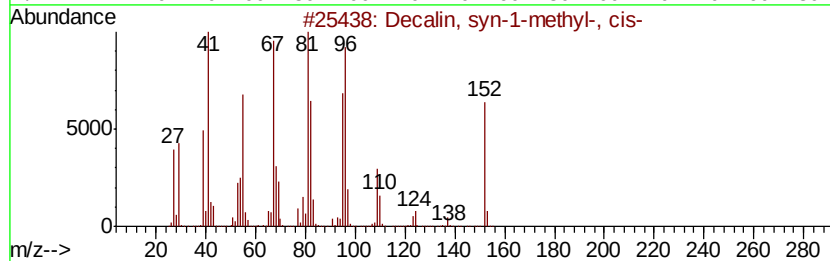
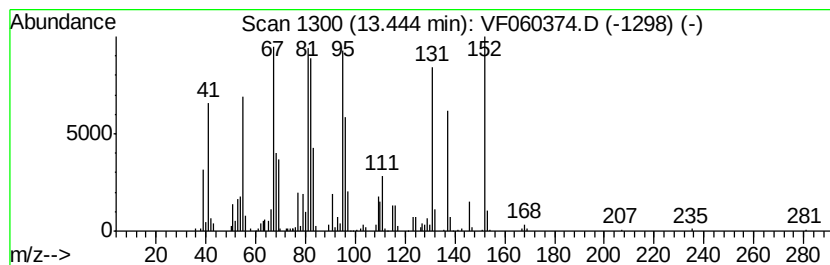
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 Decalin, syn-1-methyl-, cis- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	12.16 ug/l	216173	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decalin, syn-1-methyl-, cis-	152 C11H20	1000158-89-1 62
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 49
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 49
4		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 49
5		1,13-Tetradecadiene	194 C14H26	021964-49-8 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

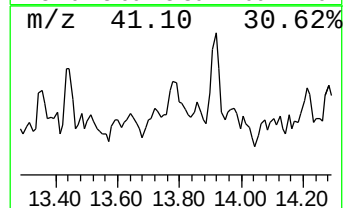
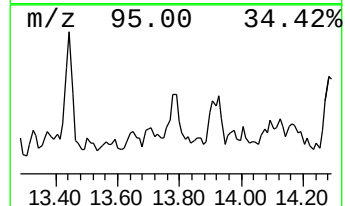
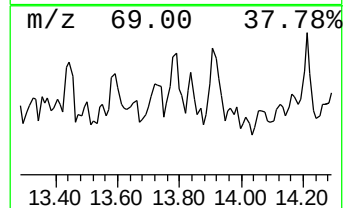
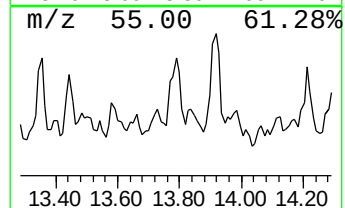
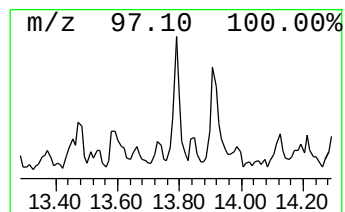
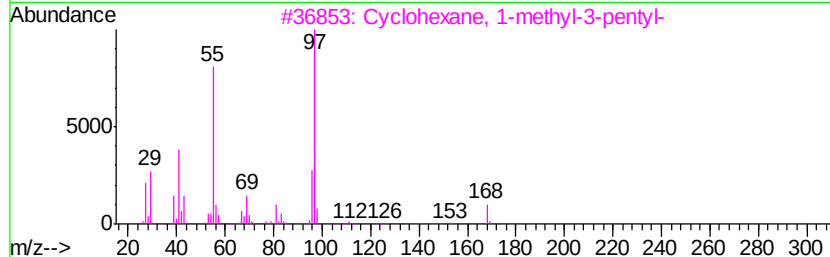
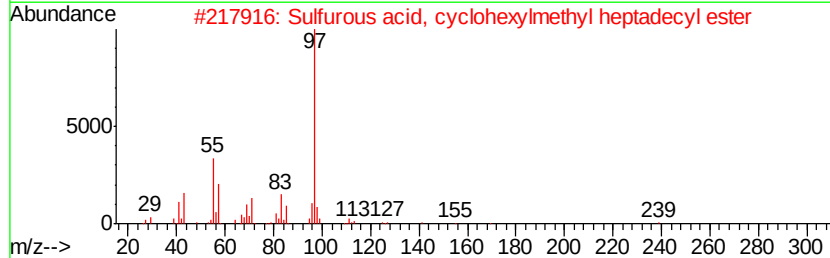
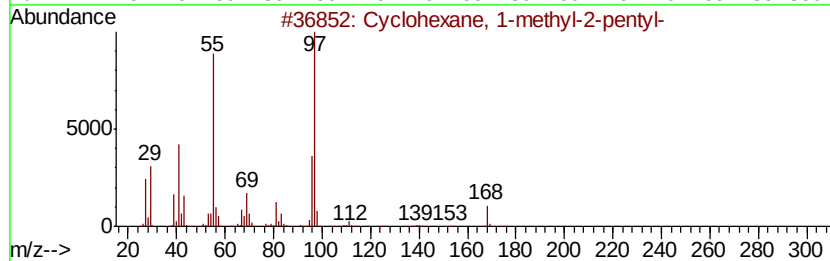
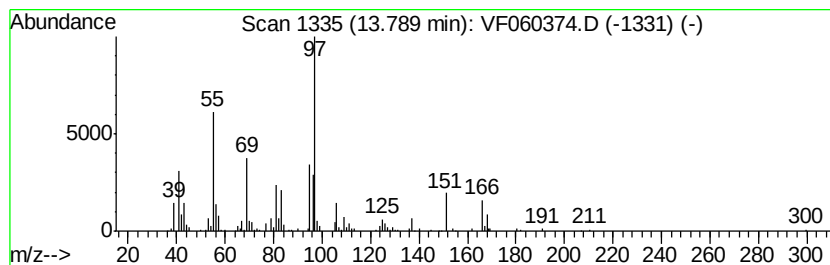
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 7 unknown13.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	12.96 ug/l	230450	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	43
3	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	43
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
5	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

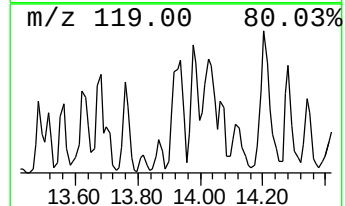
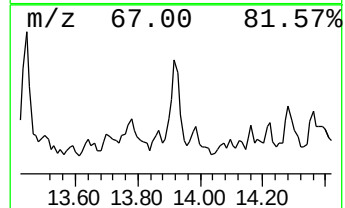
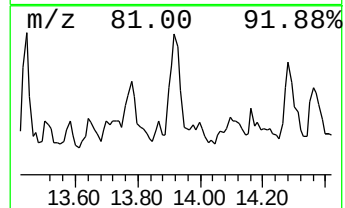
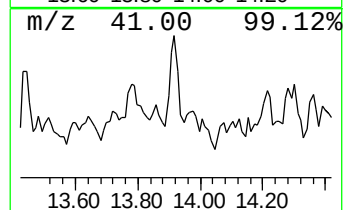
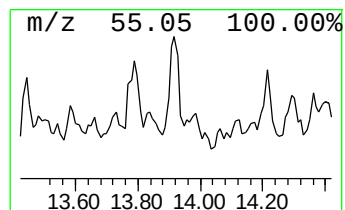
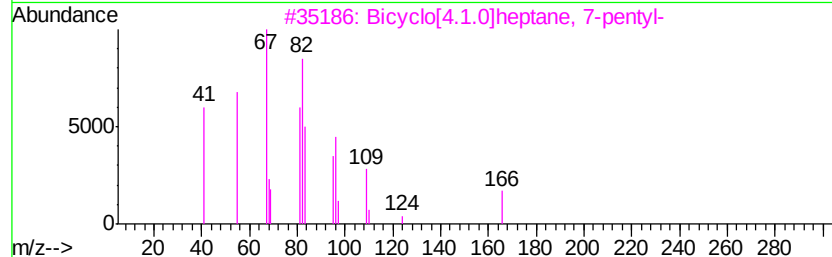
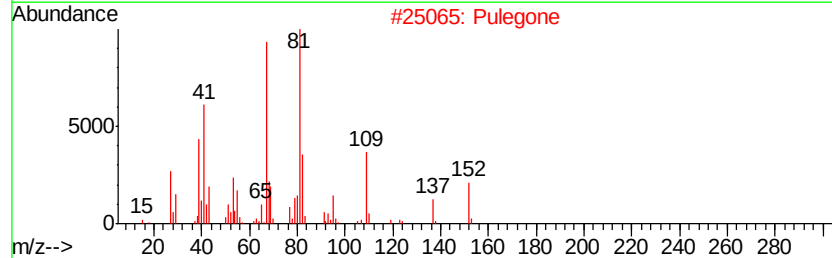
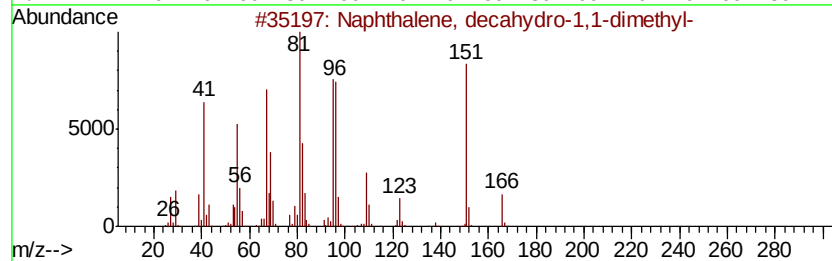
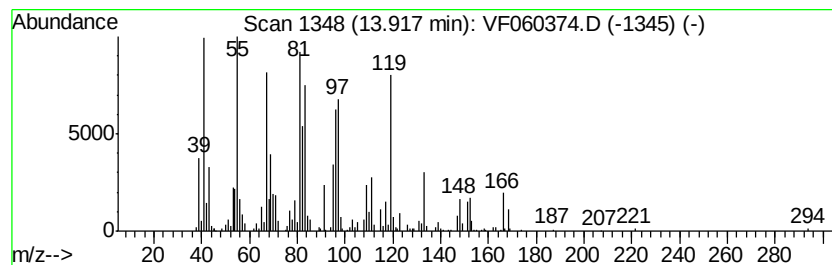
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 unknown13.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	20.62 ug/l	366651	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-1,1-dimet...	166 C12H22	035431-04-0 46
2		Pulegone	152 C10H16O	000089-82-7 38
3		Bicyclo[4.1.0]heptane, 7-pentyl-	166 C12H22	041977-45-1 38
4		Cyclododecene, (E)-	166 C12H22	001486-75-5 38
5		Cyclohexene,1-hexyl-	166 C12H22	003964-66-7 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

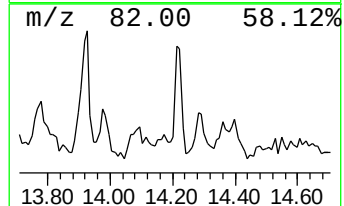
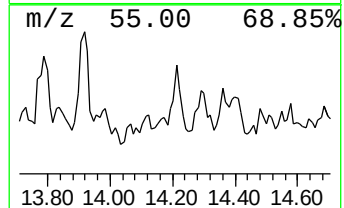
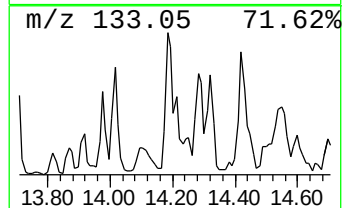
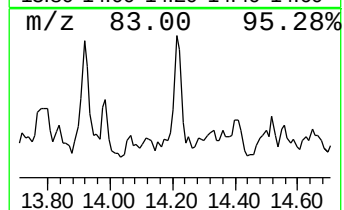
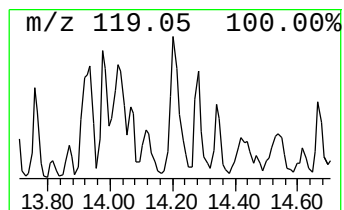
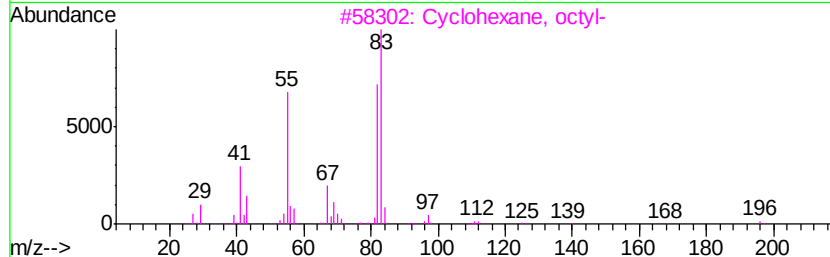
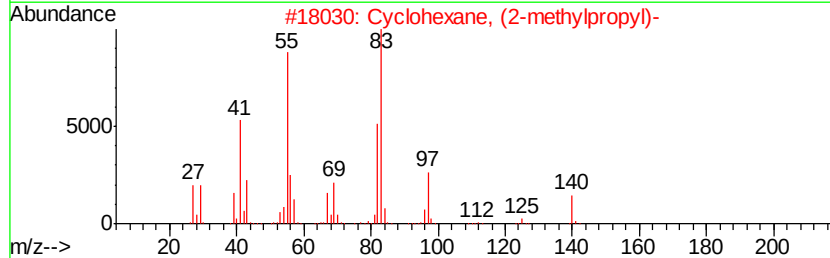
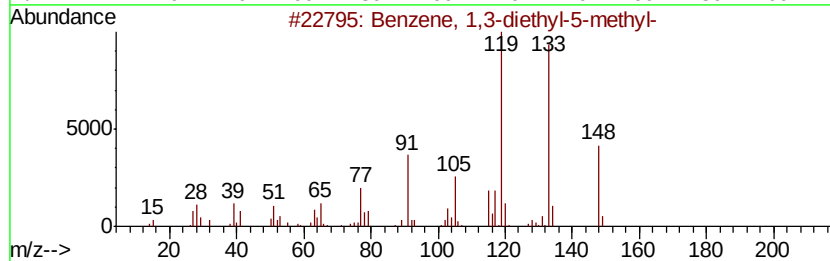
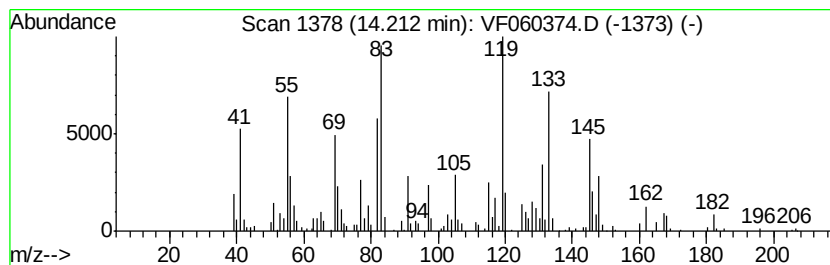
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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 9 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	19.87 ug/l	353254	1,4-Dichlorobenzene-d4	12.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-5-methyl-	148 C11H16	002050-24-0 83
2		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 22
3		Cyclohexane, octyl-	196 C14H28	001795-15-9 18
4		Heptylcyclohexane	182 C13H26	005617-41-4 18
5		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA F/SOIL
ALS Vial : 37 Sample Multiplier: 1

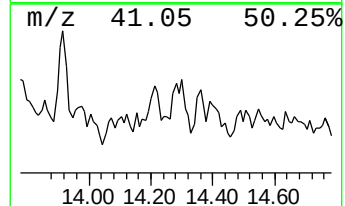
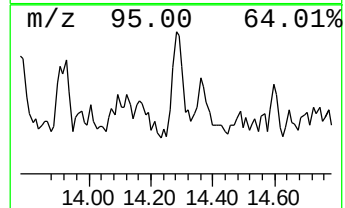
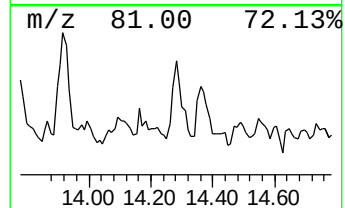
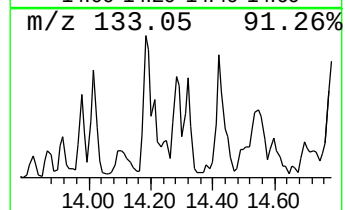
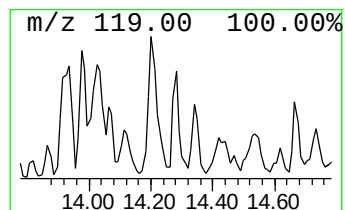
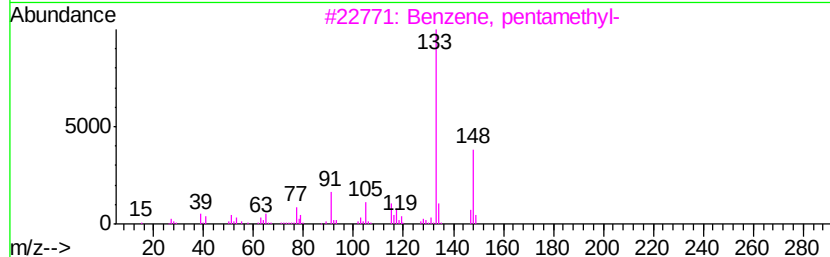
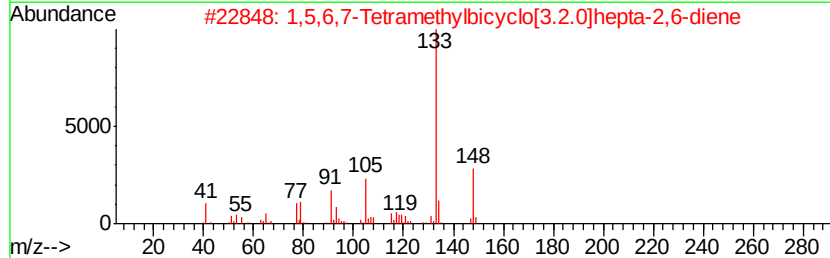
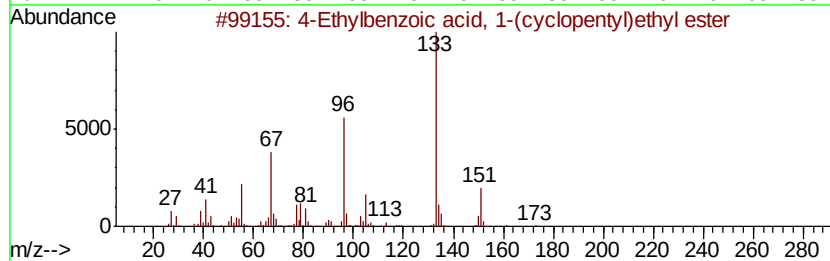
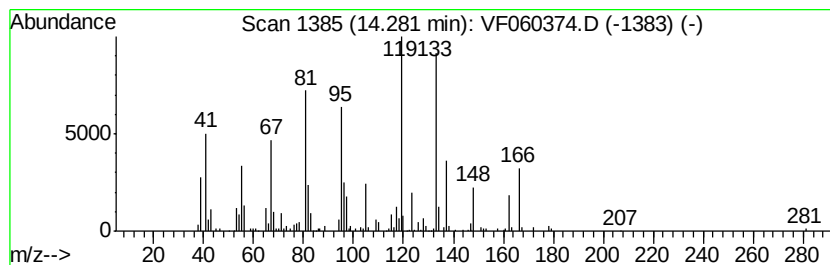
Instrument :
MSVOA_F
ClientSampleID :
PL-01-092718-B

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 10 4-Ethylbenzoic acid, 1-(cyc... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.28	14.45 ug/l	256911	1,4-Dichlorobenzene-d4	12.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 1-(cyclopentenyl)ethyl ester	246	C16H22O2	1000293-32-2	27
2	1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	18
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	14
4	Benzene, 1,3-dimethyl-5-(1-methylethyl)-	148	C11H16	004706-90-5	14
5	Benzene, 2,4-dimethyl-1-(1-methylethyl)-	162	C12H18	001483-60-9	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF092818\
Data File : VF060374.D
Acq On : 28 Sep 2018 18:31
Operator : VA/AP
Sample : J4777-35
Misc : 6.28/5mL/MSVOA_F/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

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
unknown11.35	11.35	14.8	ug/l	263267	4	12.63	888856	50.0
Octane, 3-ethyl-	12.07	12.7	ug/l	225912	4	12.63	888856	50.0
Cyclohexane, 1,2-...	12.91	12.5	ug/l	222009	4	12.63	888856	50.0
Sulfurous acid, b...	13.00	11.1	ug/l	197983	4	12.63	888856	50.0
cis-Decalin, 2-sy...	13.27	19.5	ug/l	346552	4	12.63	888856	50.0
Decalin, syn-1-me...	13.44	12.2	ug/l	216173	4	12.63	888856	50.0
unknown13.79	13.79	13.0	ug/l	230450	4	12.63	888856	50.0
unknown13.92	13.92	20.6	ug/l	366651	4	12.63	888856	50.0
Benzene, 1,3-diet...	14.21	19.9	ug/l	353254	4	12.63	888856	50.0
4-Ethylbenzoic ac...	14.28	14.4	ug/l	256911	4	12.63	888856	50.0