

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060810.D
 Acq On : 20 Nov 2018 18:41
 Operator : VA/AP
 Sample : J6010-01
 Misc : 6.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FS-RT3786

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\82F111318S.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	1.066	40	44	51	rBV3	10833	33026	3.51%	0.393%
2	1.628	96	101	104	rBV5	4613	12040	1.28%	0.143%
3	2.181	153	157	160	rBV4	10452	24598	2.62%	0.293%
4	2.250	160	164	169	rVB4	9653	30048	3.20%	0.357%
5	4.124	347	354	371	rVB	133567	442493	47.06%	5.263%
6	4.864	421	429	441	rBV2	264621	940298	100.00%	11.184%
7	5.603	498	504	514	rBV	306932	821238	87.34%	9.768%
8	7.557	697	702	707	rBV	331926	823717	87.60%	9.797%
9	7.626	707	709	715	rVB	26050	57531	6.12%	0.684%
10	9.776	922	927	937	rBV	356840	833189	88.61%	9.910%
11	9.904	937	940	946	rVB3	5643	13754	1.46%	0.164%
12	10.141	959	964	968	rVB	11814	24585	2.61%	0.292%
13	10.713	1020	1022	1026	rVB2	10295	20328	2.16%	0.242%
14	11.127	1060	1064	1070	rBV	157989	272544	28.98%	3.242%
15	11.413	1089	1093	1100	rBV	321624	574335	61.08%	6.831%
16	11.561	1105	1108	1114	rVV3	11968	29087	3.09%	0.346%
17	11.660	1116	1118	1121	rVV2	10006	17540	1.87%	0.209%
18	11.719	1121	1124	1128	rVV5	9834	22518	2.39%	0.268%
19	11.828	1132	1135	1138	rVV3	9492	13758	1.46%	0.164%
20	11.995	1150	1152	1154	rBV3	7553	12438	1.32%	0.148%
21	12.163	1166	1169	1171	rBV2	8080	13462	1.43%	0.160%
22	12.212	1171	1174	1179	rVB	25716	40622	4.32%	0.483%
23	12.291	1179	1182	1185	rBV5	7748	14111	1.50%	0.168%
24	12.380	1189	1191	1194	rBV2	7197	16438	1.75%	0.196%
25	12.558	1205	1209	1213	rBV	417734	668402	71.08%	7.950%
26	12.607	1213	1214	1218	rVB2	28761	33020	3.51%	0.393%
27	12.745	1223	1228	1230	rBV4	13974	37704	4.01%	0.448%
28	12.814	1233	1235	1242	rVB6	18849	45903	4.88%	0.546%
29	12.942	1245	1248	1249	rBV3	10921	21041	2.24%	0.250%
30	12.972	1249	1251	1254	rVB4	9386	15898	1.69%	0.189%
31	13.110	1259	1265	1268	rBV5	20595	54157	5.76%	0.644%
32	13.159	1268	1270	1271	rBV2	13602	18426	1.96%	0.219%
33	13.199	1271	1274	1278	rVB2	31509	59301	6.31%	0.705%
34	13.258	1278	1280	1282	rBV2	16150	21780	2.32%	0.259%

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35	13.337	1286	1288	1290	rVB2	10891	11918	1.27%	0.142%
36	13.386	1290	1293	1295	rBV4	35223	55425	5.89%	0.659%
37	13.446	1295	1299	1301	rBV4	13340	27292	2.90%	0.325%
38	13.485	1301	1303	1306	rBV3	10131	21168	2.25%	0.252%
39	13.534	1306	1308	1309	rVB	29030	28045	2.98%	0.334%
40	13.554	1309	1310	1311	rBV	33283	30216	3.21%	0.359%
41	13.593	1311	1314	1315	rBV	19703	30285	3.22%	0.360%
42	13.623	1315	1317	1321	rVB	77052	105319	11.20%	1.253%
43	13.722	1321	1327	1332	rBV6	68853	220869	23.49%	2.627%
44	13.850	1337	1340	1344	rBV4	79826	185453	19.72%	2.206%
45	13.919	1344	1347	1350	rBV4	51419	114645	12.19%	1.364%
46	14.018	1354	1357	1358	rBV3	36374	58436	6.21%	0.695%
47	14.156	1369	1371	1373	rBV2	40612	56087	5.96%	0.667%
48	14.254	1379	1381	1383	rBV3	69257	132444	14.09%	1.575%
49	14.462	1395	1402	1404	rBV4	134188	433952	46.15%	5.161%
50	14.521	1404	1408	1410	rBV4	78704	219410	23.33%	2.610%
51	14.590	1413	1415	1416	rBV	80956	106652	11.34%	1.269%
52	14.777	1431	1434	1436	rBV3	92593	190055	20.21%	2.260%
53	15.172	1472	1474	1478	rVB4	191191	300714	31.98%	3.577%

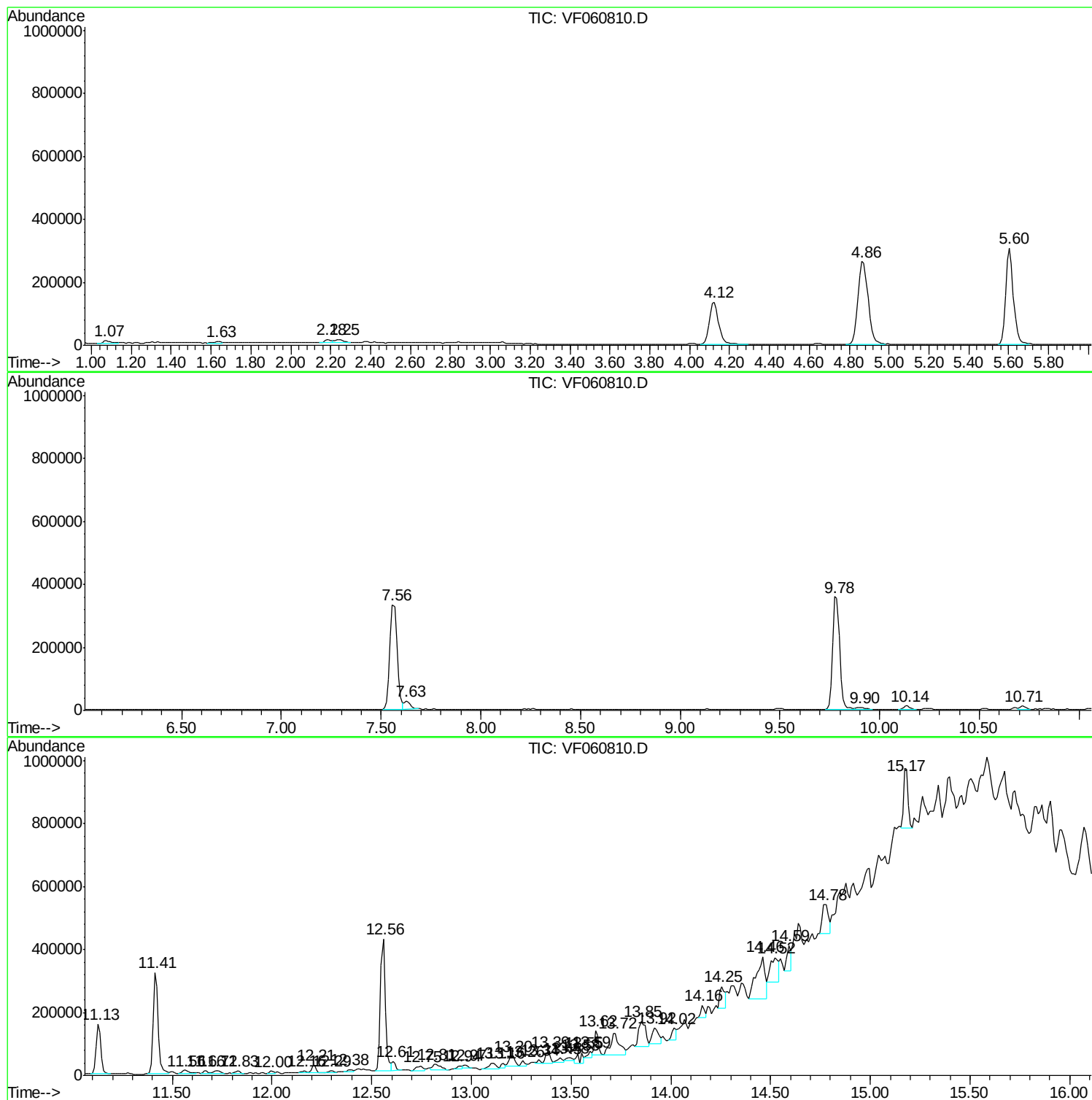
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Instrument :
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ClientSampleId :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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



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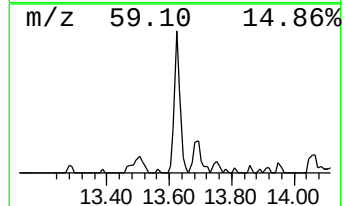
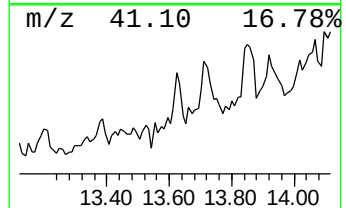
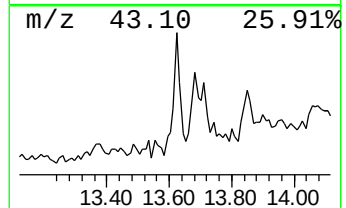
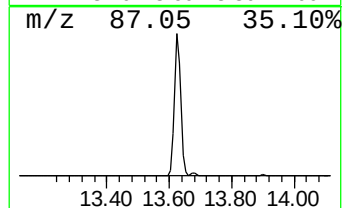
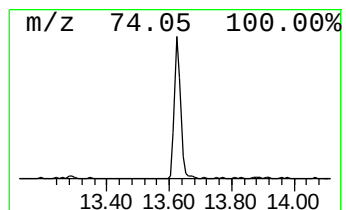
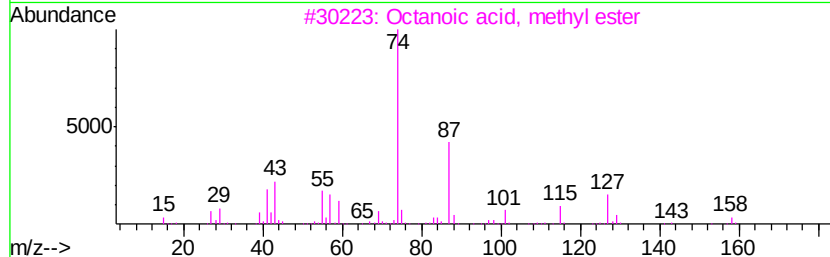
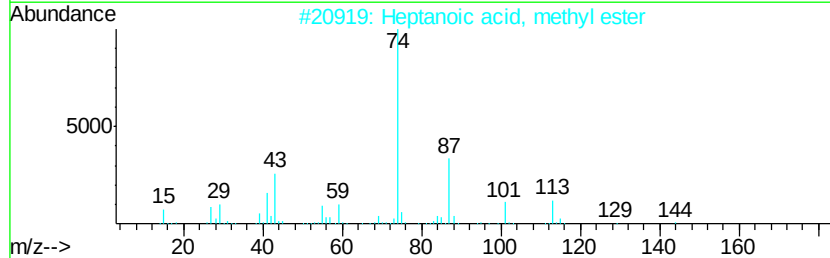
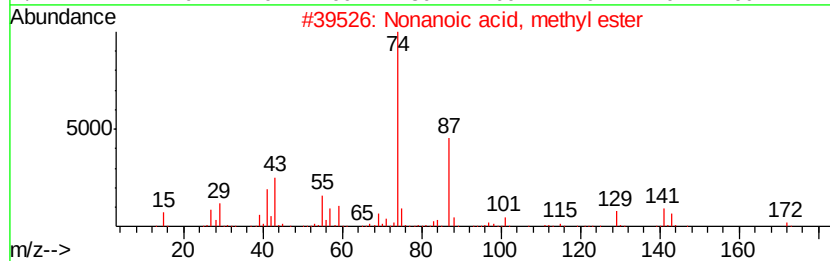
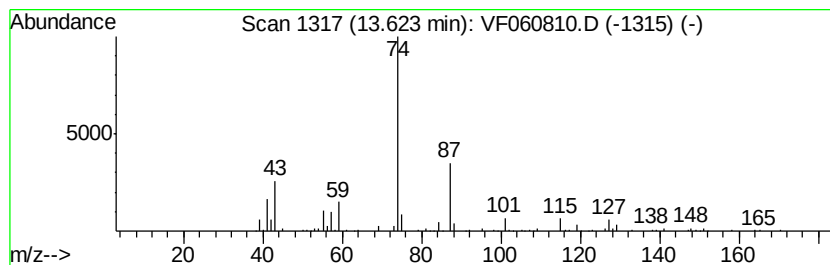
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 1 Nonanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	7.88 ug/l	105319	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	78
2		Heptanoic acid, methyl ester	144	C8H16O2	000106-73-0	72
3		Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	64
4		Methyl valerate	116	C6H12O2	000624-24-8	64
5		Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	64



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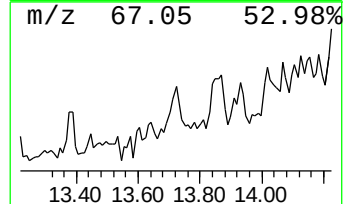
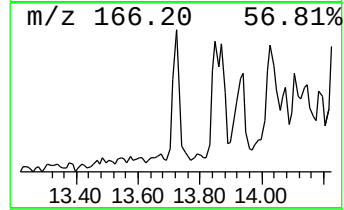
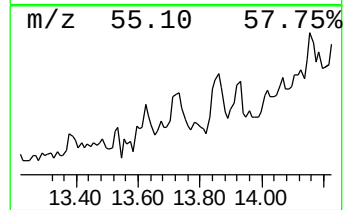
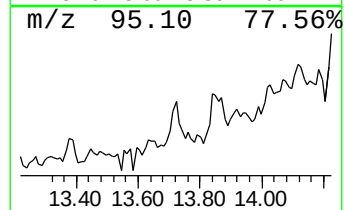
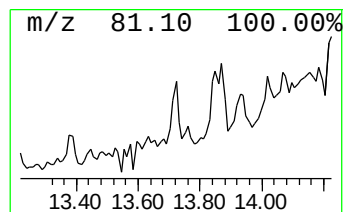
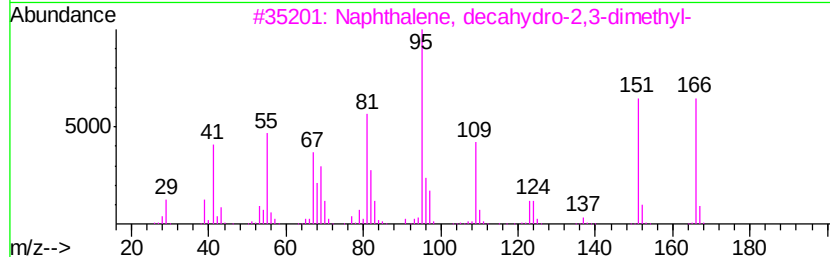
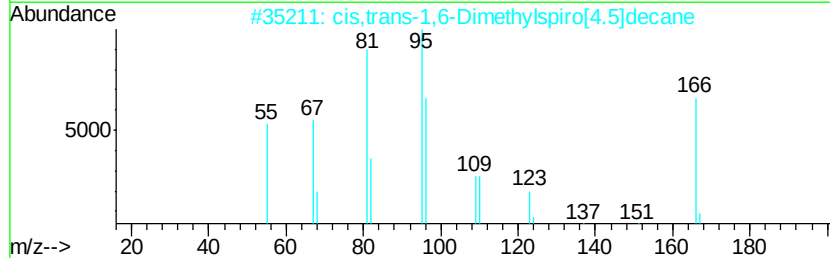
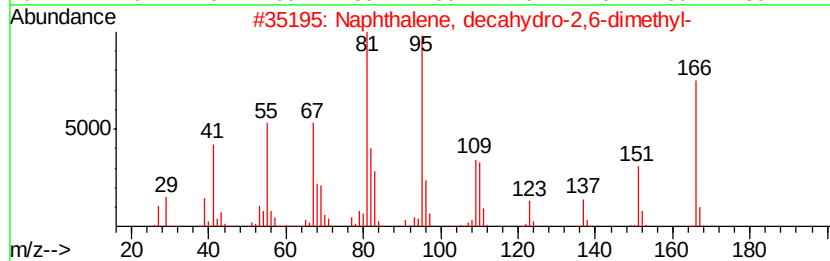
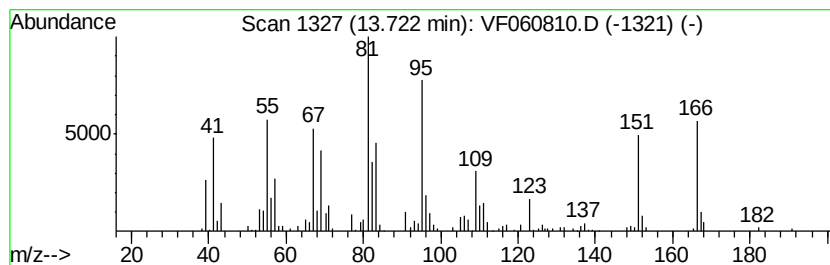
Instrument :
MSVOA_F
ClientSampled :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	16.52 ug/l	220869	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 93
2		cis,trans-1,6-Dimethylspiro[4.5]...	166 C12H22	1000111-72-3 89
3		Naphthalene, decahydro-2,3-dimet...	166 C12H22	001008-80-6 53
4		1-Methyl-2-methylenecyclohexane	110 C8H14	002808-75-5 49
5		trans,trans-1,6-Dimethylspiro[4....	166 C12H22	1000111-72-1 46



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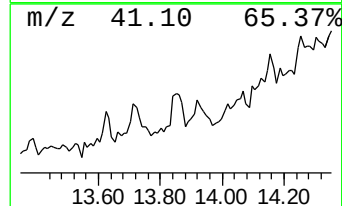
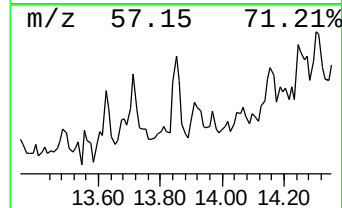
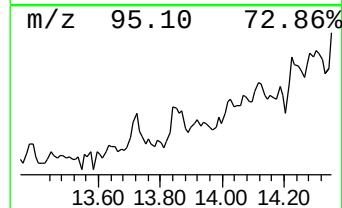
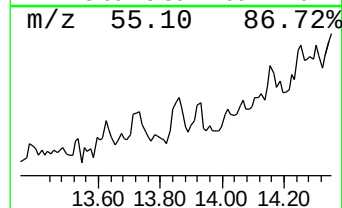
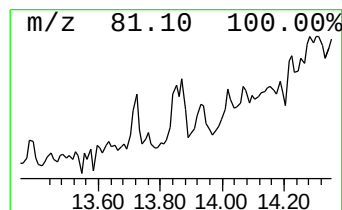
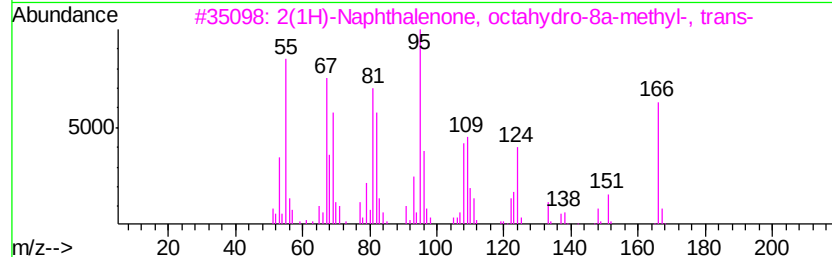
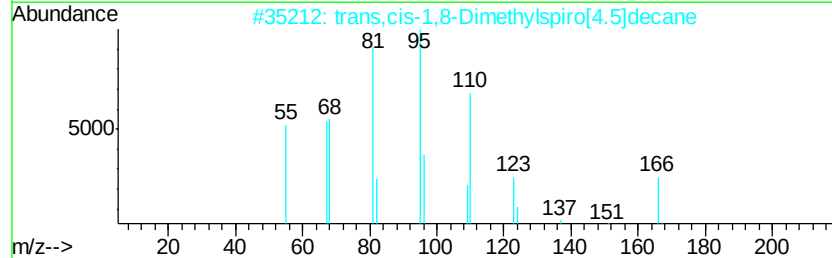
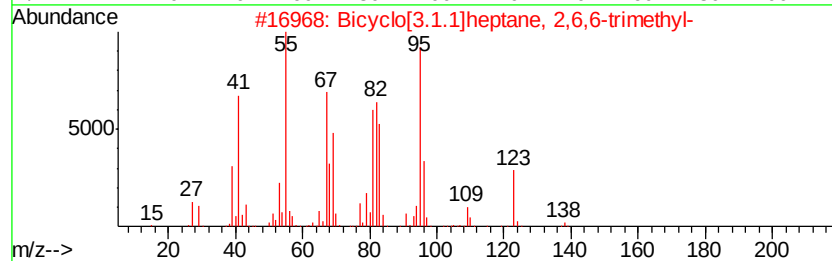
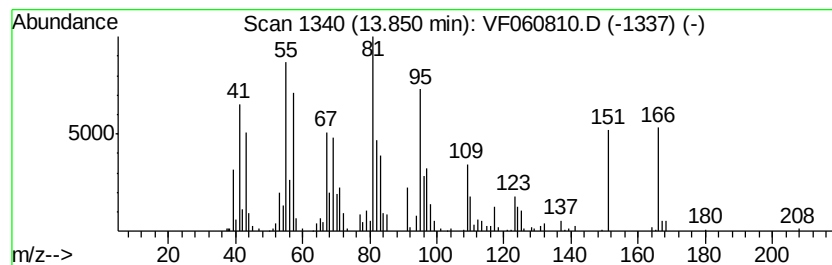
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	13.87 ug/l	185453	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	90
2	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	49
3	2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	46
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	43
5	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	43



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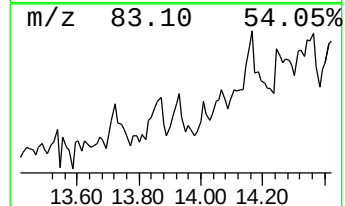
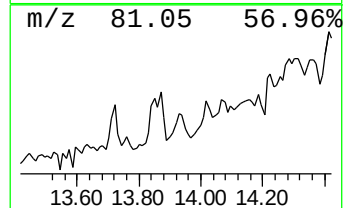
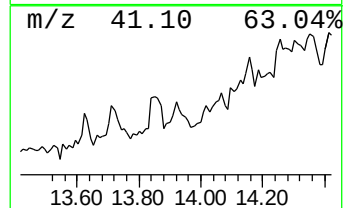
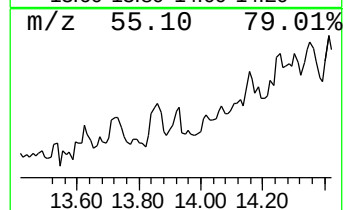
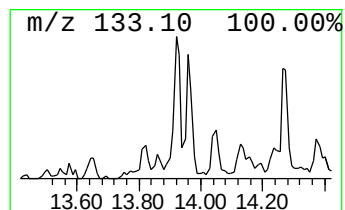
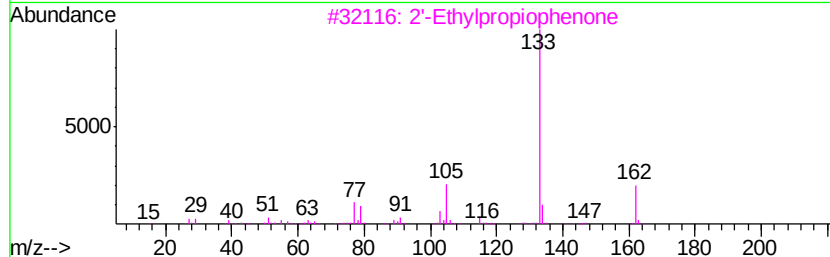
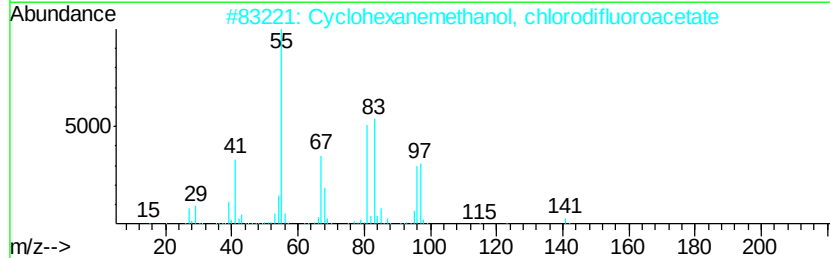
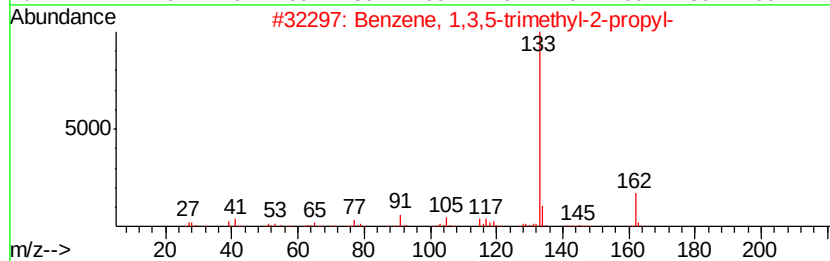
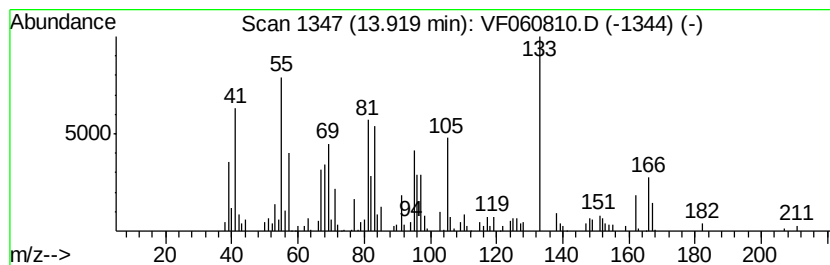
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	8.58 ug/l	114645	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	22
2		Cyclohexanemethanol, chlorodiflu...	226	C9H13ClF2O2	1000376-25-9	22
3		2'-Ethylpropioophenone	162	C11H14O	016819-79-7	22
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	18
5		Cyclohexylmethanol, trifluoroace...	210	C9H13F3O2	164071-20-9	14



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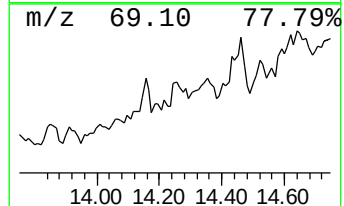
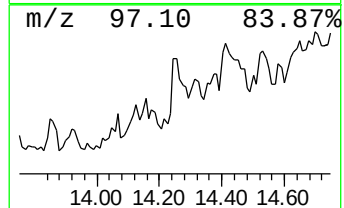
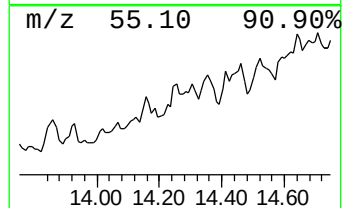
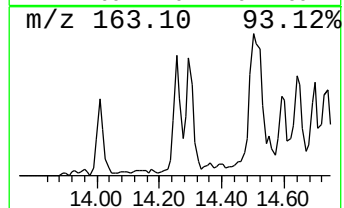
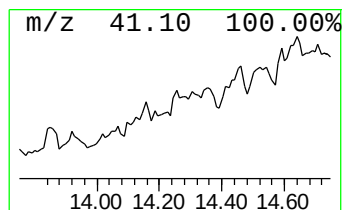
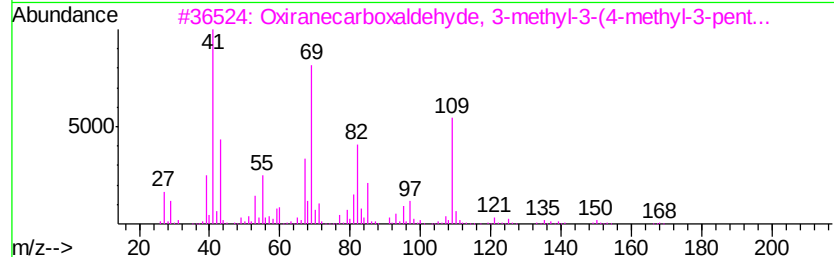
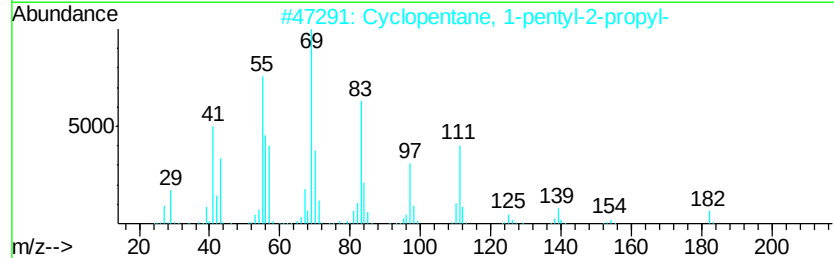
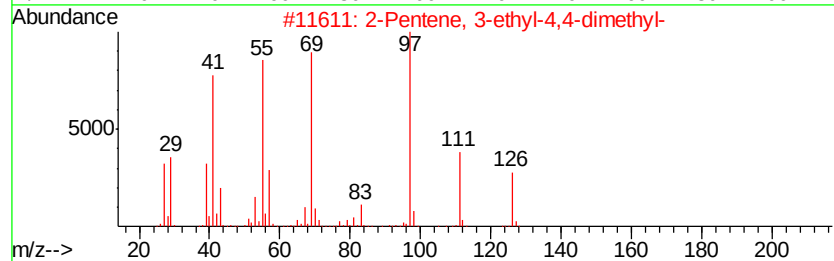
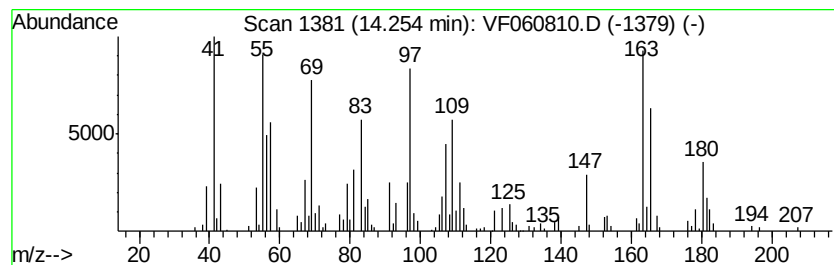
Instrument :
MSVOA_F
ClientSampled :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.25	9.91 ug/l	132444	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	22
2	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	15
3	Oxiranecarboxaldehyde, 3-methyl-...	168	C10H16O2	016996-12-6	14
4	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	11
5	Spiro[4.4]nonane-1,6-dione	152	C9H12O2	027723-43-9	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060810.D
Acq On : 20 Nov 2018 18:41
Operator : VA/AP
Sample : J6010-01
Misc : 6.28g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

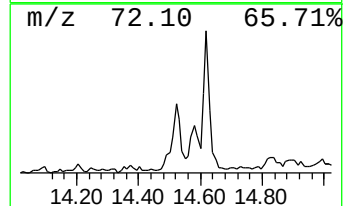
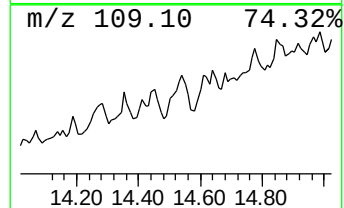
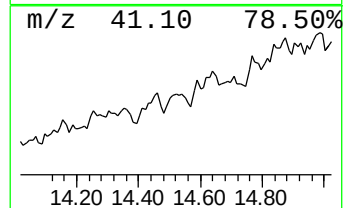
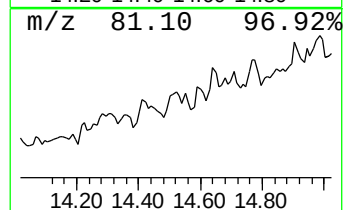
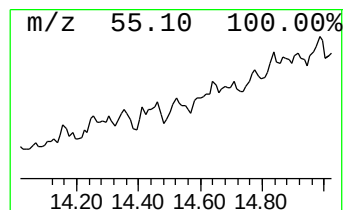
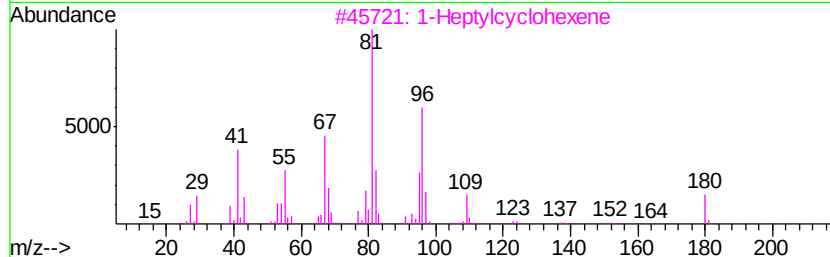
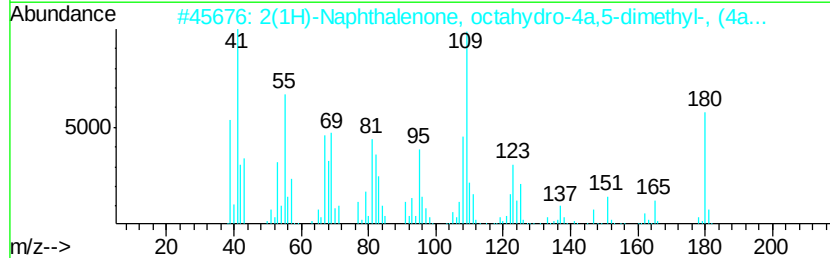
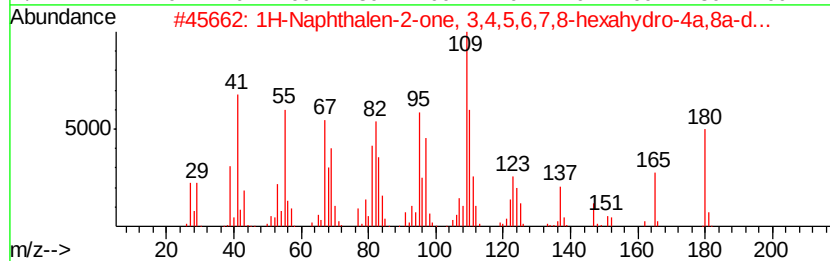
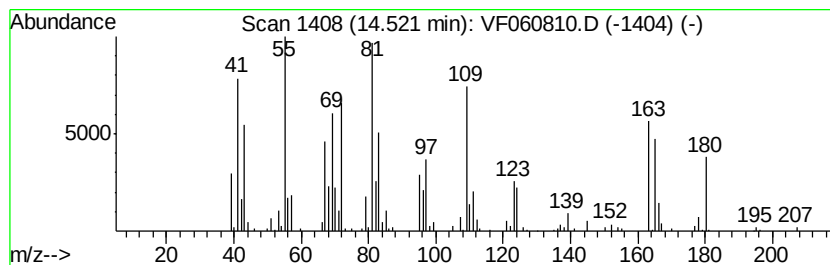
Instrument :
MSVOA_F
ClientSampled :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	16.41 ug/l	219410	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	43
2	2(1H)-Naphthalenone, octahydro-4...	180	C12H20O	051557-64-3	38
3	1-Heptylcyclohexene	180	C13H24	015232-86-7	30
4	9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	30
5	2(1H)-Pyridinone, 1-methyl-	109	C6H7NO	000694-85-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF112018\
Data File : VF060810.D
Acq On : 20 Nov 2018 18:41
Operator : VA/AP
Sample : J6010-01
Misc : 6.28g/5mL/MSV0A-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

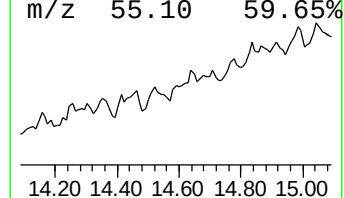
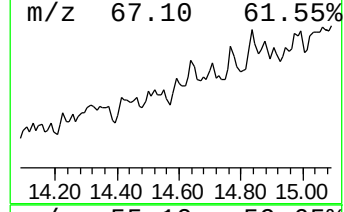
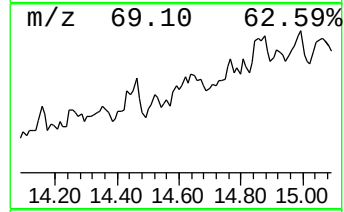
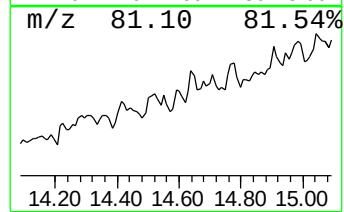
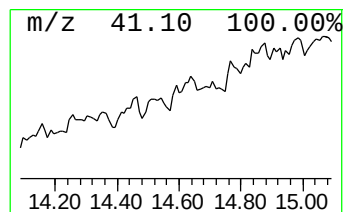
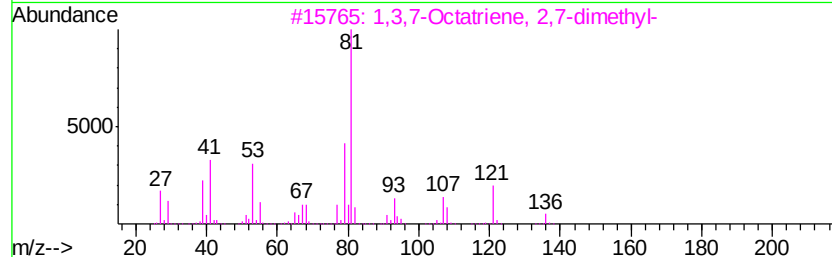
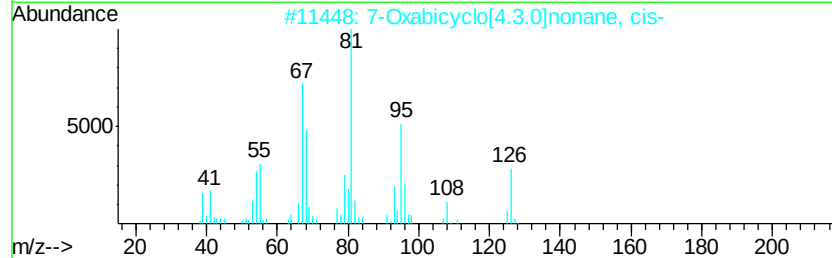
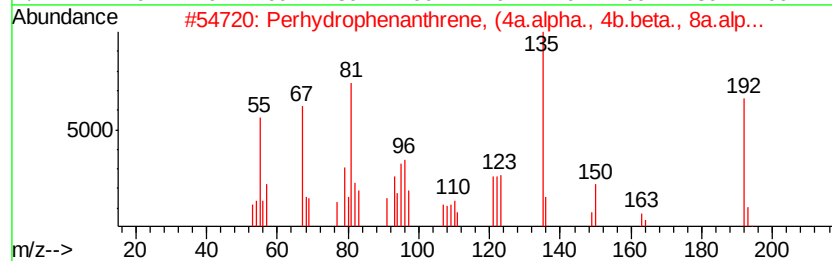
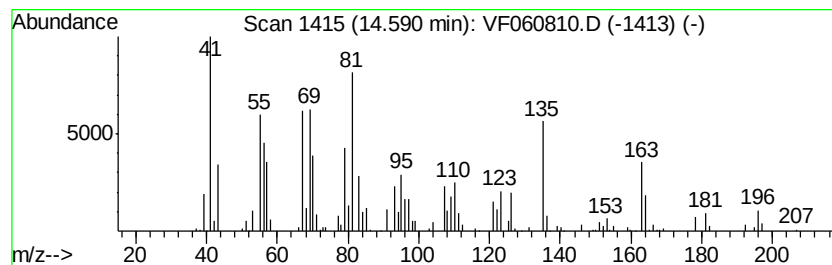
Instrument :
MSVOA_F
ClientSampleId :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.98 ug/l	106652	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Perhydrophenanthrene, (4a.alpha....	192 C14H24	002108-89-6 49
2		7-Oxabicyclo[4.3.0]nonane, cis-	126 C8H14O	013149-01-4 38
3		1,3,7-Octatriene, 2,7-dimethyl-	136 C10H16	036638-38-7 38
4		Methyl 5-methyl-2-ethenyl-cycloh...	182 C11H18O2	1000144-54-1 35
5		Cyclohexene,3-(2-propenyl)-	122 C9H14	015232-95-8 30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060810.D
Acq On : 20 Nov 2018 18:41
Operator : VA/AP
Sample : J6010-01
Misc : 6.28g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

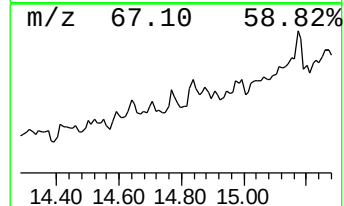
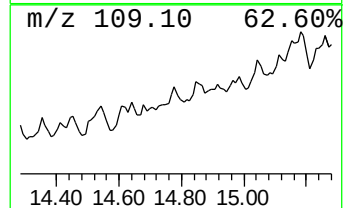
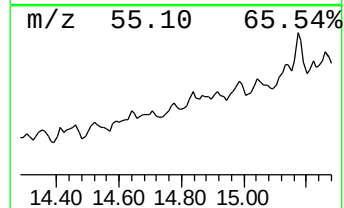
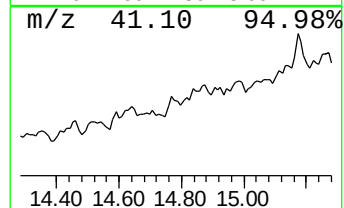
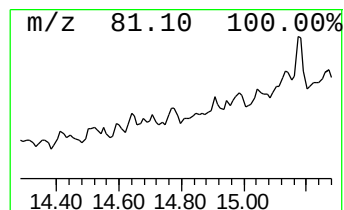
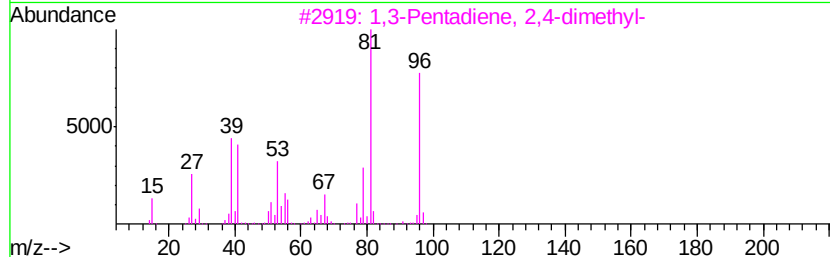
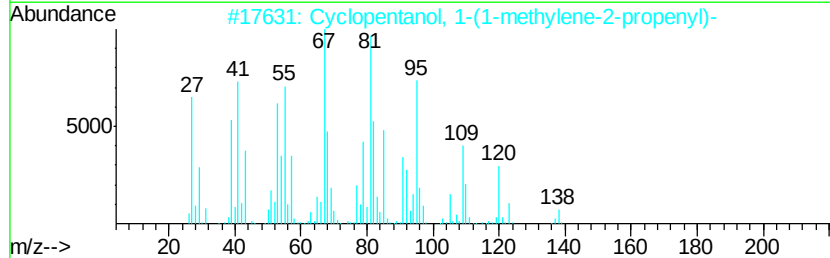
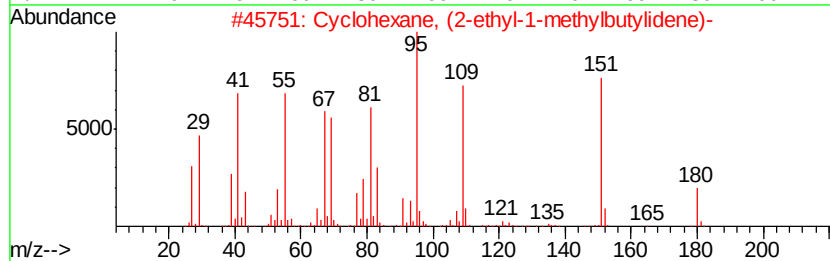
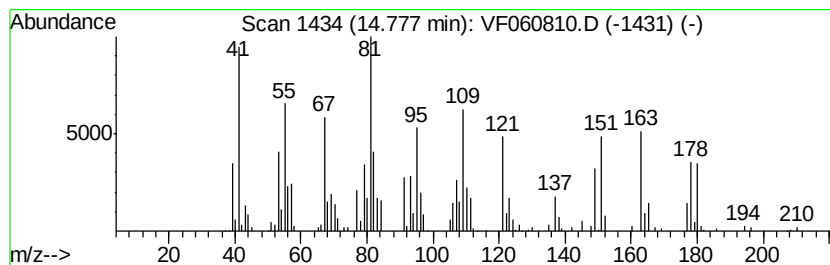
Instrument :
MSVOA_F
ClientSampleId :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown14.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.78	14.22 ug/l	190055	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	46
2	Cyclopentanol, 1-(1-methylene-2-...	138	C9H14O	078158-11-9	43
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	38
4	3-Octyne, 5-methyl-	124	C9H16	062108-33-2	35
5	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060810.D
Acq On : 20 Nov 2018 18:41
Operator : VA/AP
Sample : J6010-01
Misc : 6.28g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

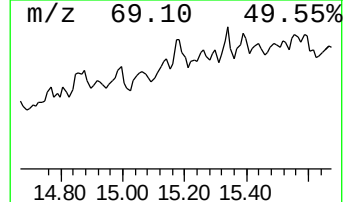
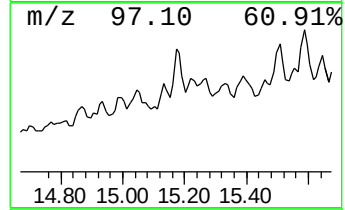
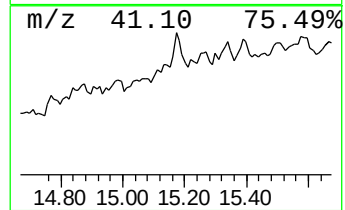
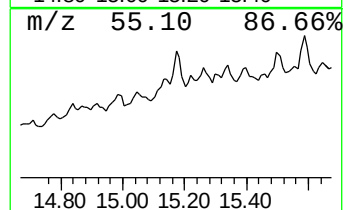
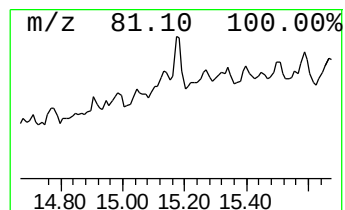
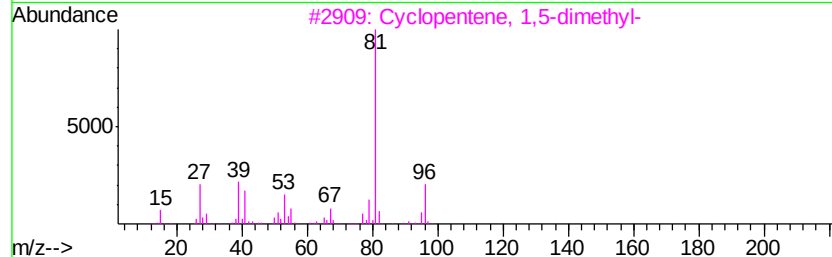
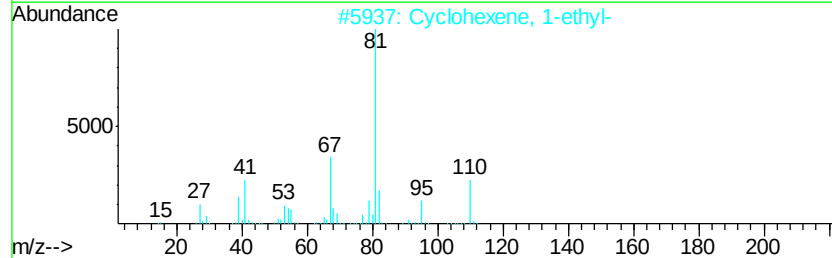
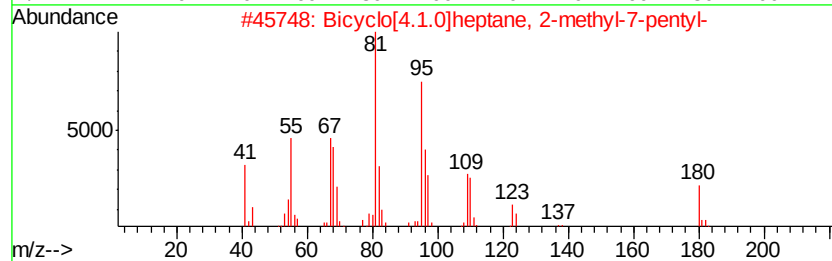
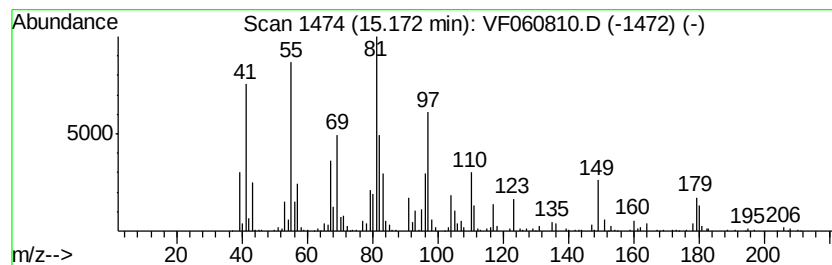
Instrument :
MSVOA_F
ClientSampleId :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	22.50 ug/l	300714	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[4.1.0]heptane, 2-methyl-...	180 C13H24	055937-92-3 43
2		Cyclohexene, 1-ethyl-	110 C8H14	001453-24-3 30
3		Cyclopentene, 1,5-dimethyl-	96 C7H12	016491-15-9 30
4		Cyclohexene, 3-methyl-	96 C7H12	000591-48-0 30
5		Methyl ethyl cyclopentene	110 C8H14	019780-56-4 30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060810.D
Acq On : 20 Nov 2018 18:41
Operator : VA/AP
Sample : J6010-01
Misc : 6.28g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
FS-RT3786

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.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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Naphthalene, deca...	13.72	16.5	ug/l	220869	4	12.56	668402	50.0
Bicyclo[3.1.1]hep...	13.85	13.9	ug/l	185453	4	12.56	668402	50.0
unknown13.92	13.92	8.6	ug/l	114645	4	12.56	668402	50.0
unknown14.25	14.25	9.9	ug/l	132444	4	12.56	668402	50.0
unknown14.52	14.52	16.4	ug/l	219410	4	12.56	668402	50.0
unknown14.59	14.59	8.0	ug/l	106652	4	12.56	668402	50.0
unknown14.78	14.78	14.2	ug/l	190055	4	12.56	668402	50.0
unknown15.17	15.17	22.5	ug/l	300714	4	12.56	668402	50.0