

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060164.D
 Acq On : 28 Aug 2018 21:47
 Operator : VA/AP
 Sample : J4648-06
 Misc : 8.16g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3-@-8-FT

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\82F082118S.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	1.091	54	57	60	rBV2	14564	16411	2.26%	0.245%
2	1.348	80	83	88	rVV5	5637	16630	2.29%	0.248%
3	2.097	155	159	164	rVB2	10262	24489	3.38%	0.365%
4	2.205	169	170	172	rBV	13613	8554	1.18%	0.128%
5	2.274	172	177	180	rBV	24427	53082	7.32%	0.792%
6	2.333	180	183	189	rVB	32406	70867	9.78%	1.057%
7	2.471	195	197	204	rVB7	3796	9893	1.36%	0.148%
8	4.147	360	367	374	rBV2	6488	24002	3.31%	0.358%
9	4.285	374	381	390	rBV2	81941	245102	33.81%	3.656%
10	4.492	397	402	407	rBV	4200	12052	1.66%	0.180%
11	5.034	447	457	467	rBV2	166763	597434	82.41%	8.911%
12	5.754	524	530	541	rBV	183944	500731	69.07%	7.469%
13	6.414	592	597	604	rVB5	4736	15401	2.12%	0.230%
14	6.602	608	616	619	rBV6	7243	23040	3.18%	0.344%
15	6.809	633	637	639	rBV2	4943	9617	1.33%	0.143%
16	6.838	639	640	646	rVB2	6349	9855	1.36%	0.147%
17	7.114	662	668	672	rBV3	8404	21454	2.96%	0.320%
18	7.548	706	712	717	rBV5	2788	11354	1.57%	0.169%
19	7.706	722	728	733	rBV	232406	539924	74.48%	8.053%
20	7.785	733	736	742	rVB2	17269	45296	6.25%	0.676%
21	7.982	749	756	759	rVB6	4602	13254	1.83%	0.198%
22	8.060	759	764	770	rBV4	7368	26038	3.59%	0.388%
23	8.228	777	781	785	rBV4	13470	36422	5.02%	0.543%
24	8.406	795	799	804	rBV5	10842	28104	3.88%	0.419%
25	8.543	809	813	822	rVB8	7516	27665	3.82%	0.413%
26	8.829	830	842	847	rBV4	23727	94104	12.98%	1.404%
27	8.977	851	857	865	rVV7	11765	51575	7.11%	0.769%
28	9.105	865	870	874	rVV3	13995	29707	4.10%	0.443%
29	9.224	879	882	885	rBV4	6466	15462	2.13%	0.231%
30	9.342	891	894	898	rBV6	2581	7369	1.02%	0.110%
31	9.441	899	904	909	rVB6	7308	19578	2.70%	0.292%
32	9.549	909	915	920	rBV8	19754	63459	8.75%	0.947%
33	9.648	921	925	929	rVB6	2972	7945	1.10%	0.119%
34	9.756	929	936	943	rBV5	17607	60110	8.29%	0.897%

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35	9.914	943	952	958	rBV	291201	724918	100.00%	10.813%
36	10.111	967	972	978	rVV3	24636	69617	9.60%	1.038%
37	10.209	978	982	986	rVB4	20263	44976	6.20%	0.671%
38	10.367	993	998	1006	rVB2	65038	245609	33.88%	3.663%
39	10.485	1006	1010	1014	rBV6	12288	34232	4.72%	0.511%
40	10.574	1016	1019	1023	rVB5	14449	31208	4.31%	0.465%
41	10.633	1023	1025	1028	rVB3	8060	10556	1.46%	0.157%
42	10.722	1031	1034	1037	rBV2	23295	41414	5.71%	0.618%
43	10.811	1037	1043	1047	rVB3	38010	105205	14.51%	1.569%
44	10.899	1047	1052	1056	rBV5	32382	80619	11.12%	1.203%
45	10.978	1056	1060	1063	rBV5	18216	46099	6.36%	0.688%
46	11.037	1063	1066	1071	rVB4	56253	112283	15.49%	1.675%
47	11.175	1076	1080	1084	rVB4	35263	84865	11.71%	1.266%
48	11.254	1084	1088	1096	rBV4	41721	136277	18.80%	2.033%
49	11.511	1103	1114	1118	rBV	236761	539110	74.37%	8.041%
50	11.639	1125	1127	1130	rVB3	21910	32121	4.43%	0.479%
51	11.678	1130	1131	1133	rBV2	6350	7486	1.03%	0.112%
52	11.737	1133	1137	1138	rBV4	12575	22917	3.16%	0.342%
53	11.875	1149	1151	1152	rBV	11926	15245	2.10%	0.227%
54	11.905	1152	1154	1155	rVV2	12433	16981	2.34%	0.253%
55	11.944	1155	1158	1159	rVV3	18916	34510	4.76%	0.515%
56	11.974	1159	1161	1164	rVB2	20874	32451	4.48%	0.484%
57	12.043	1164	1168	1173	rBV5	22855	78986	10.90%	1.178%
58	12.161	1176	1180	1183	rBV4	18999	37631	5.19%	0.561%
59	12.210	1183	1185	1186	rBV	10449	14758	2.04%	0.220%
60	12.319	1194	1196	1197	rBV2	10581	14401	1.99%	0.215%
61	12.368	1197	1201	1204	rVV4	35524	88186	12.16%	1.315%
62	12.417	1204	1206	1208	rVV2	25529	34444	4.75%	0.514%
63	12.477	1208	1212	1215	rVB5	9756	24661	3.40%	0.368%
64	12.624	1224	1227	1231	rBV	322051	493999	68.15%	7.368%
65	12.684	1231	1233	1237	rVB5	14684	23781	3.28%	0.355%
66	12.743	1237	1239	1244	rVB6	6232	16517	2.28%	0.246%
67	12.802	1244	1245	1248	rVB	18656	14585	2.01%	0.218%
68	12.871	1249	1252	1254	rBV3	6306	10185	1.40%	0.152%
69	12.910	1254	1256	1259	rVB4	7280	8949	1.23%	0.133%
70	12.969	1259	1262	1264	rVB3	9654	16813	2.32%	0.251%
71	13.019	1264	1267	1269	rBV4	4709	9526	1.31%	0.142%

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72	13.068	1269	1272	1276	rVB	44471	70478	9.72%	1.051%
73	13.186	1282	1284	1288	rVV3	8086	14045	1.94%	0.209%
74	13.255	1288	1291	1297	rVB	52962	86163	11.89%	1.285%
75	13.374	1301	1303	1305	rVV2	13380	22774	3.14%	0.340%
76	13.452	1308	1311	1314	rVV	43068	68724	9.48%	1.025%
77	13.512	1315	1317	1321	rVB2	9969	15447	2.13%	0.230%
78	13.650	1328	1331	1335	rBV	41535	58049	8.01%	0.866%
79	13.709	1335	1337	1340	rVV3	4391	9985	1.38%	0.149%
80	13.768	1340	1343	1346	rVV2	35912	59253	8.17%	0.884%
81	13.817	1346	1348	1351	rVV	24755	36477	5.03%	0.544%
82	13.866	1351	1353	1356	rVB3	15947	24375	3.36%	0.364%
83	13.965	1361	1363	1367	rVV3	6524	10643	1.47%	0.159%
84	14.133	1376	1380	1384	rVB5	5135	13573	1.87%	0.202%
85	14.280	1384	1395	1400	rVB2	31981	106873	14.74%	1.594%
86	14.487	1412	1416	1418	rBV3	3343	7254	1.00%	0.108%
87	15.168	1482	1485	1489	rBV5	3948	8039	1.11%	0.120%

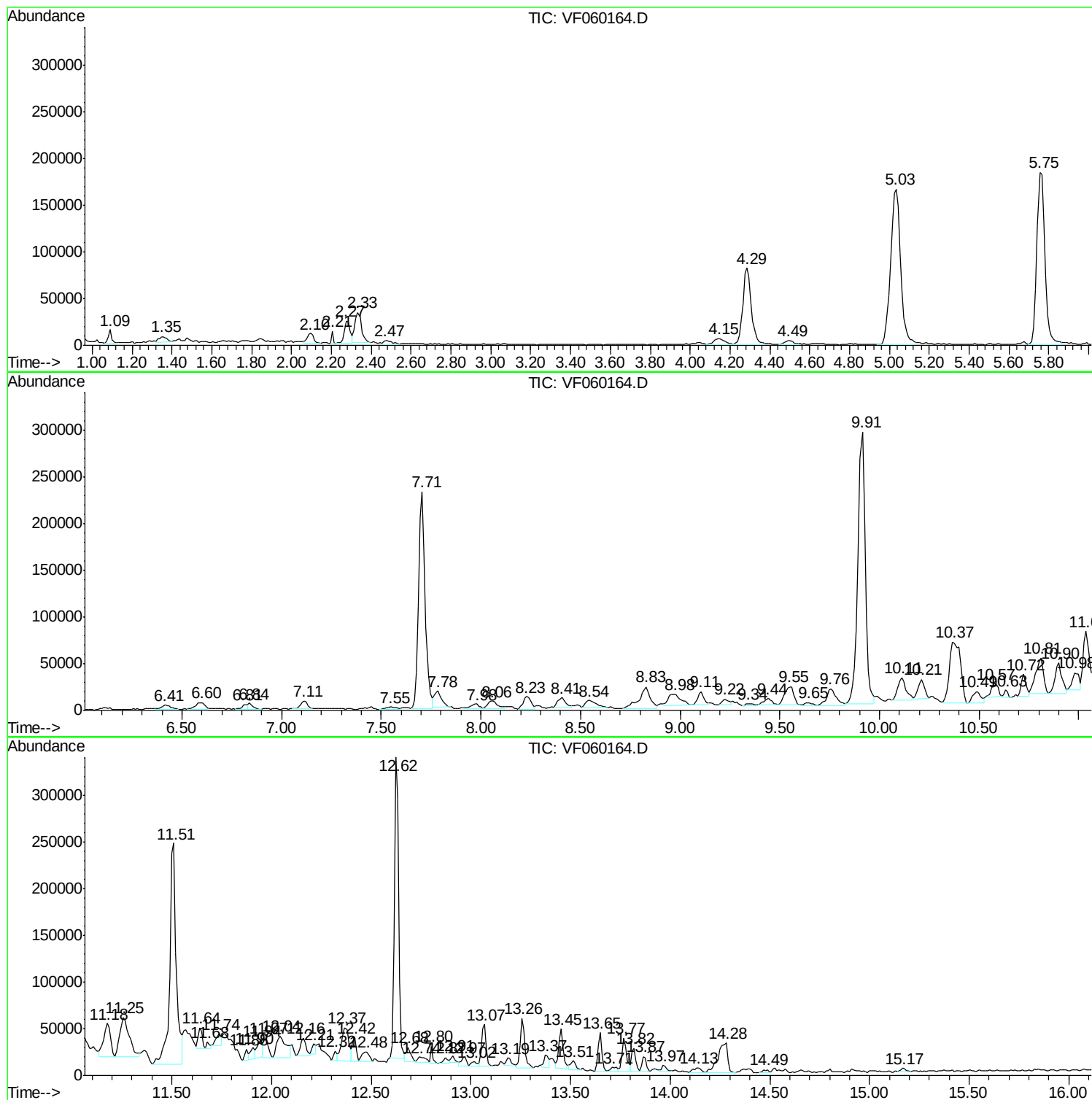
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Quant Title : SW846 8260

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



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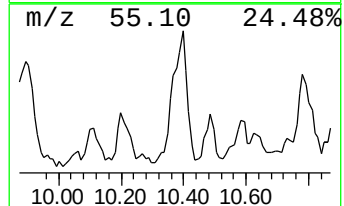
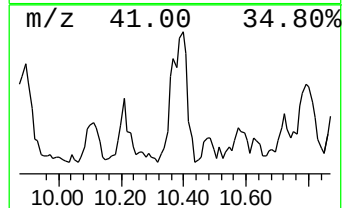
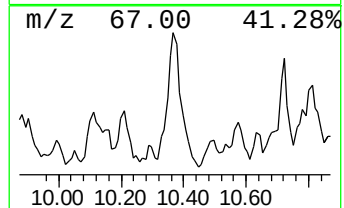
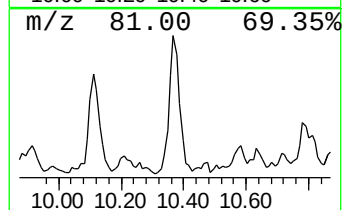
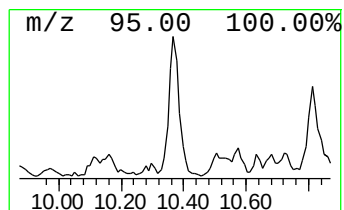
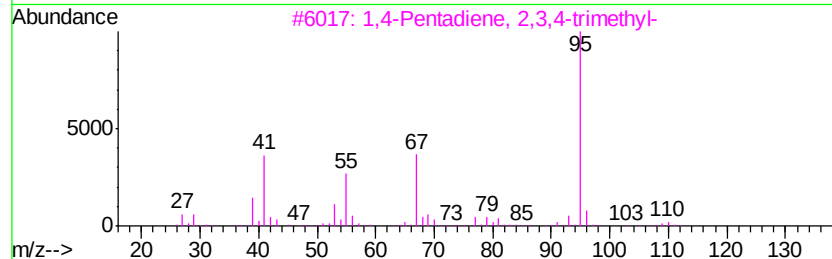
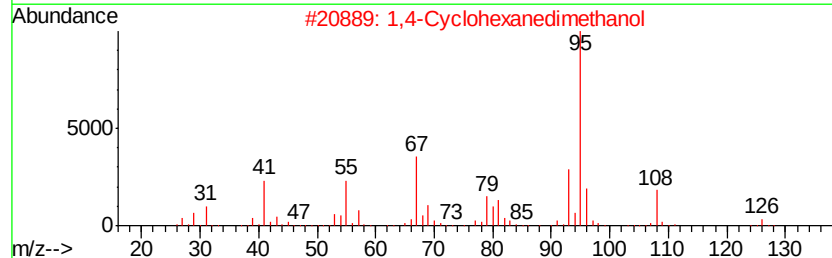
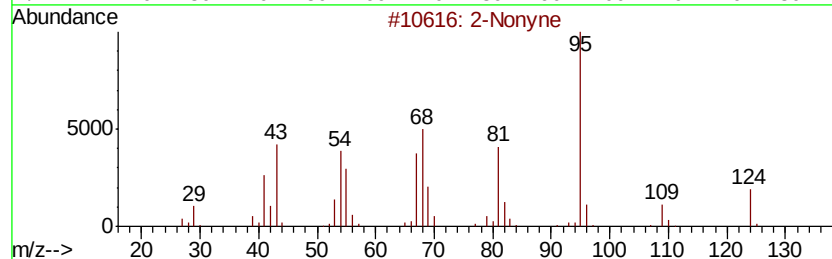
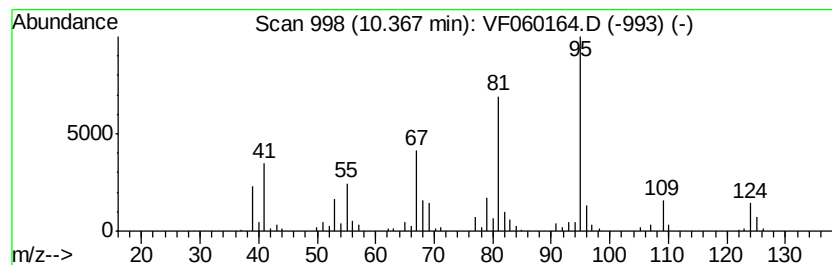
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

Peak Number 1 2-Nonyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	16.94 ug/l	245609	Chlorobenzene-d5	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonyne	124	C9H16	019447-29-1	86
2		1,4-Cyclohexanedimethanol	144	C8H16O2	000105-08-8	59
3		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	58
4		exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	53
5		3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	53



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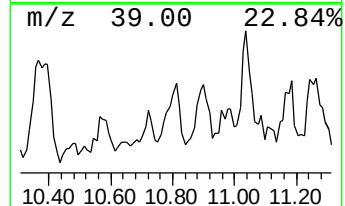
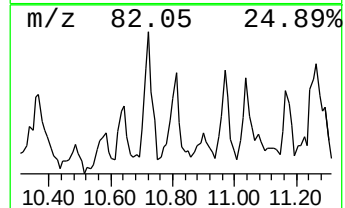
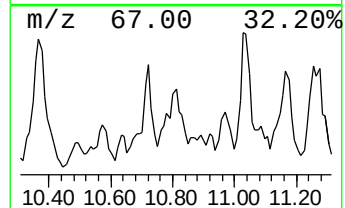
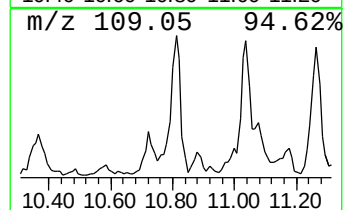
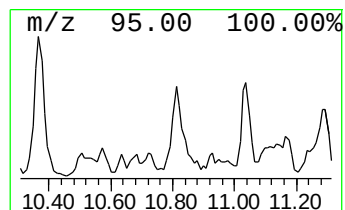
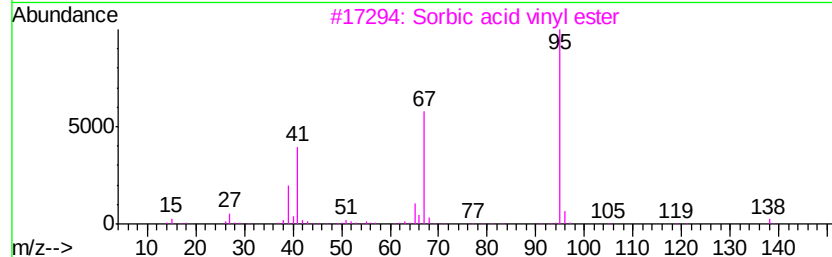
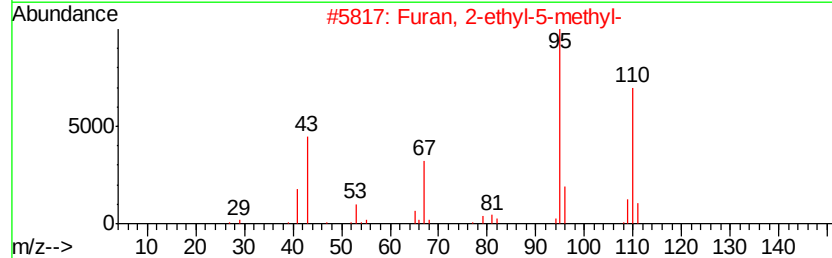
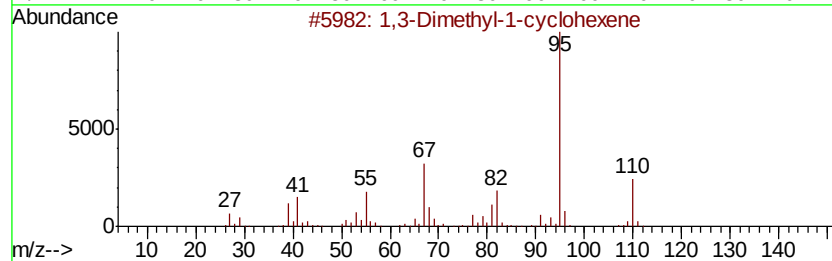
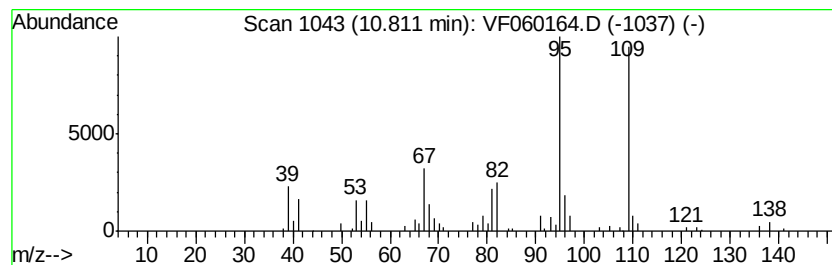
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown10.81 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	7.26 ug/l	105205	Chlorobenzene-d5	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
2		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43
3		Sorbic acid vinyl ester	138	C8H10O2	042739-26-4	38
4		2-Decyne	138	C10H18	002384-70-5	38
5		Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	38



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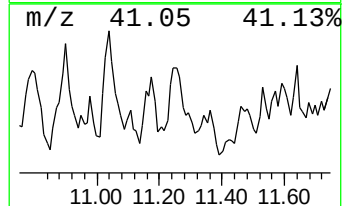
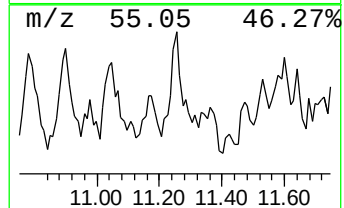
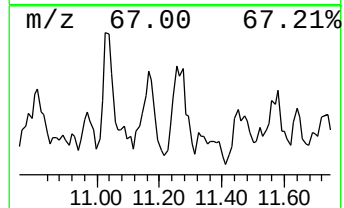
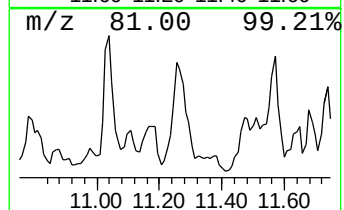
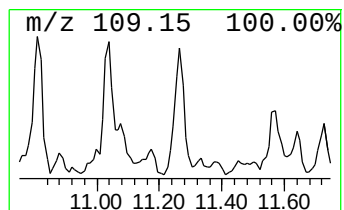
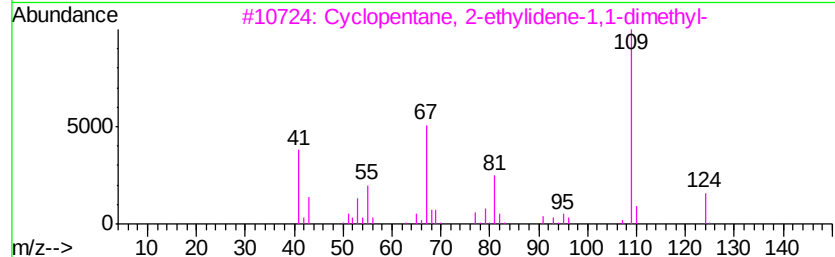
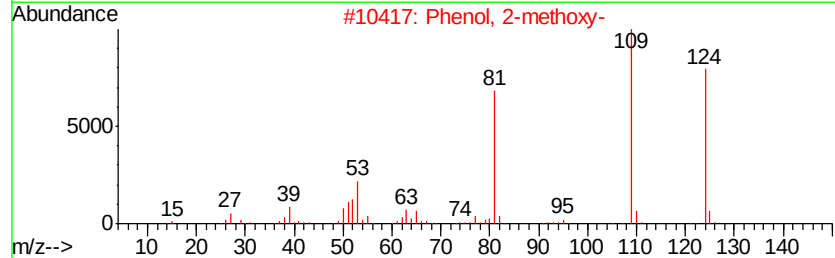
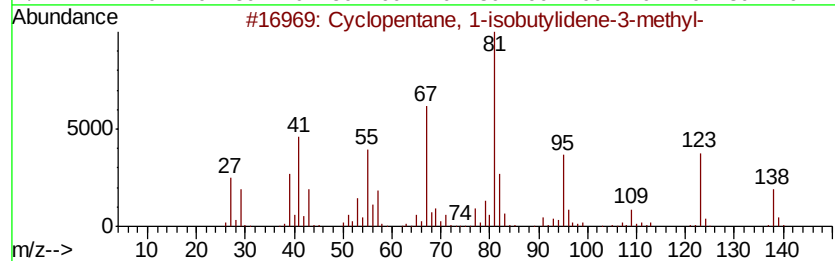
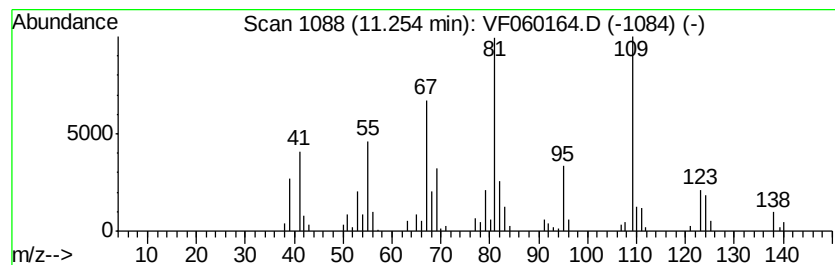
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Quant Title : SW846 8260

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

Peak Number 4 Cyclopentane, 1-isobutylidene... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.25	9.40 ug/l	136277	Chlorobenzene-d5	9.91		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-isobutylidene-3-...	138	C10H18	1000150-62-1	52
2		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	49
3		Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	43
4		Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	38
5		Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	38



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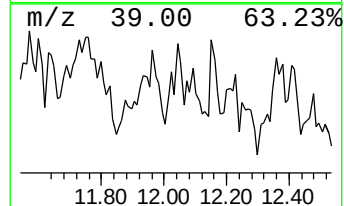
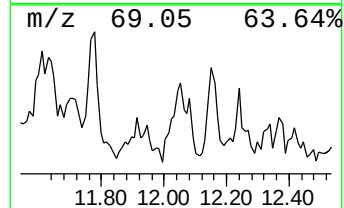
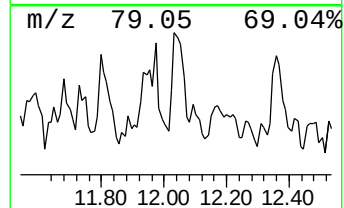
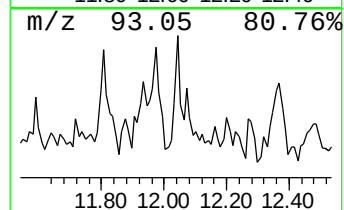
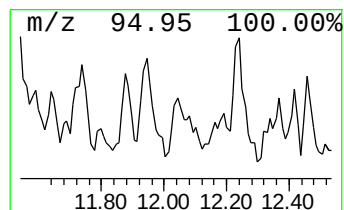
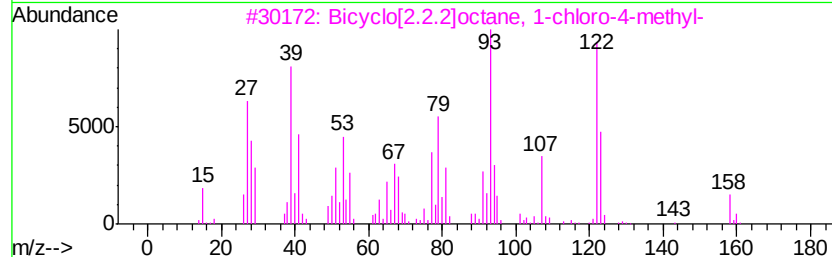
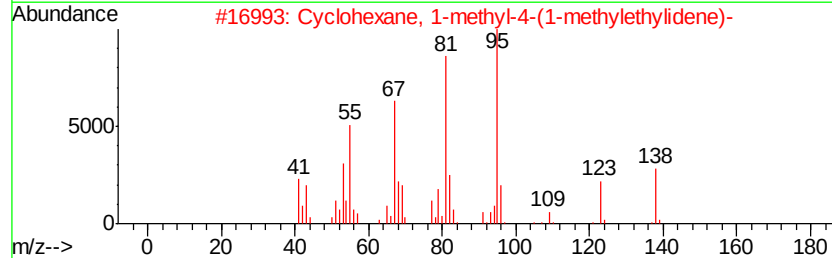
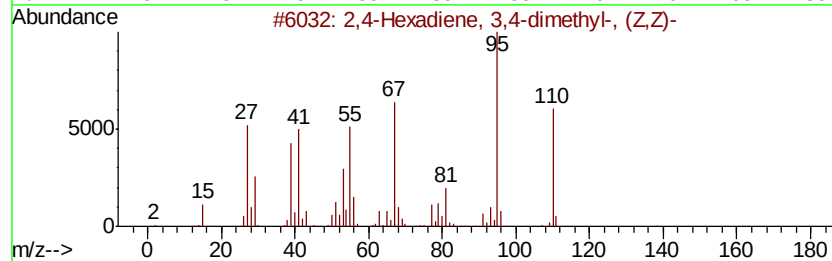
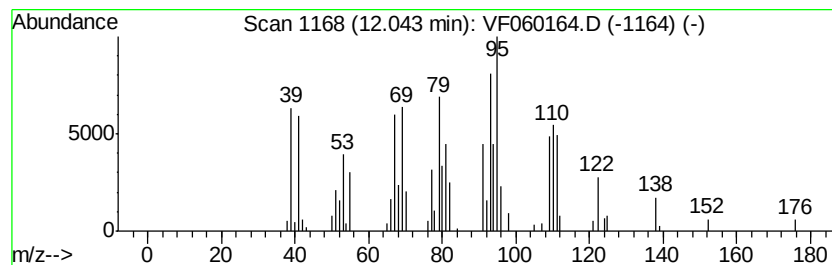
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ClientSampleId :
SB-3-@-8-FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown12.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.04	7.99 ug/l	78986	1,4-Dichlorobenzene-d4	12.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	43
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	43
3	Bicyclo[2.2.2]octane, 1-chloro-4...	158	C9H15Cl	007697-06-5	43
4	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	38
5	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-3-@-8-FT

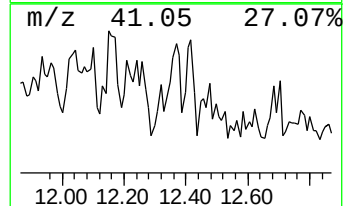
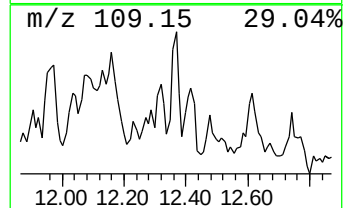
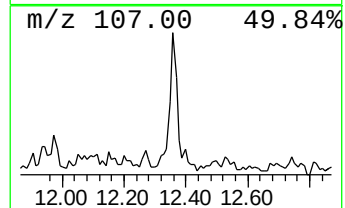
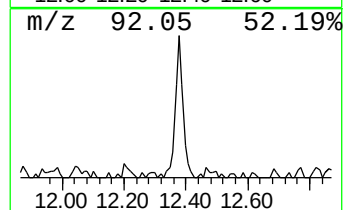
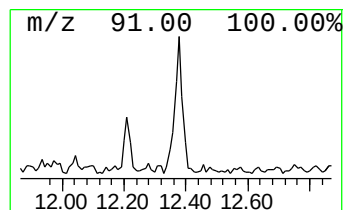
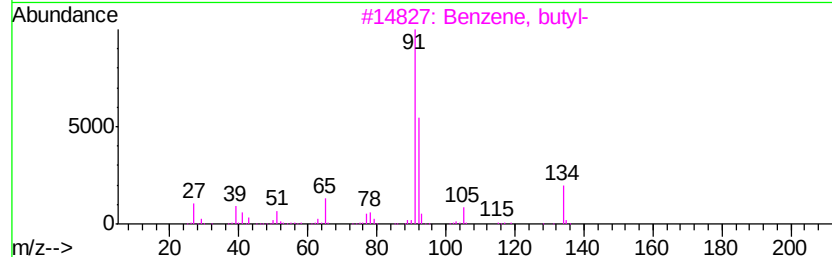
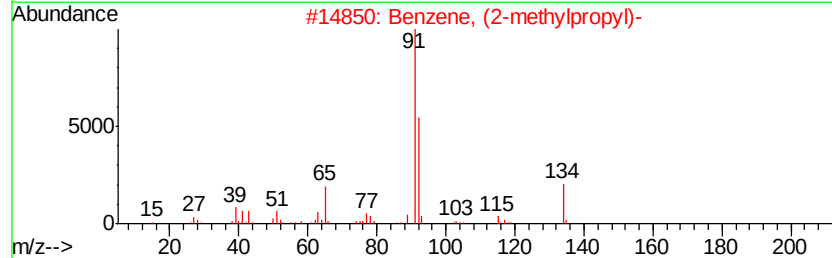
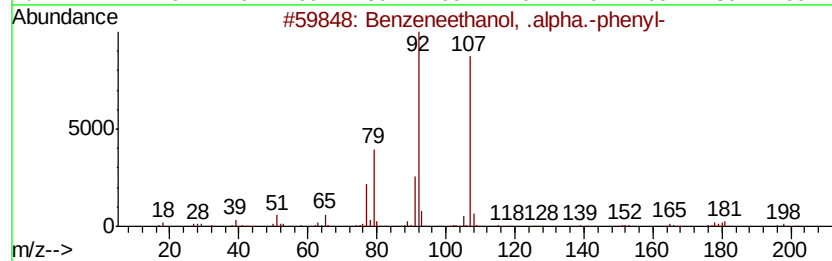
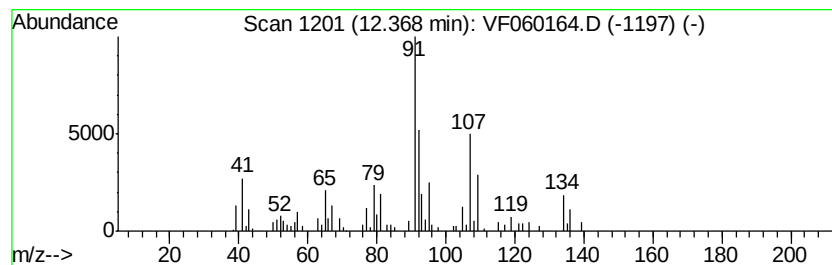
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.93 ug/l	88186	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanol, .alpha.-phenyl-	198	C14H14O	000614-29-9	38
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38
3		Benzene, butyl-	134	C10H14	000104-51-8	30
4		Tetracyclo[3.3.1.1(3,7).0(2,4)]d...	134	C10H14	010501-16-3	27
5		9,10-Epoxy-4,8-ethanocyclohepta[...	208	C11H12O4	1000141-73-2	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-3-@-8-FT

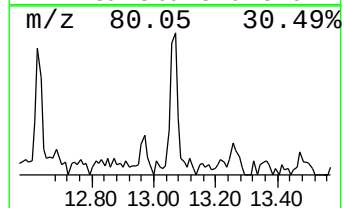
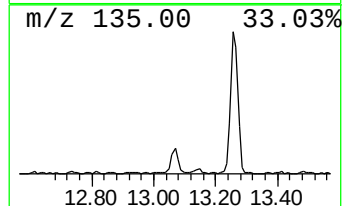
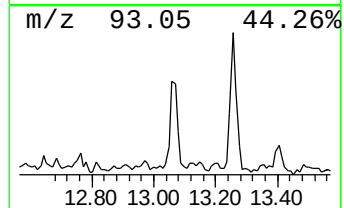
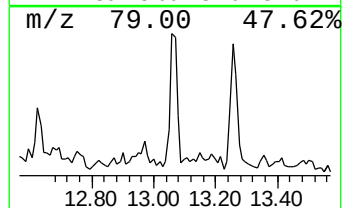
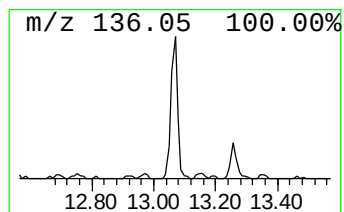
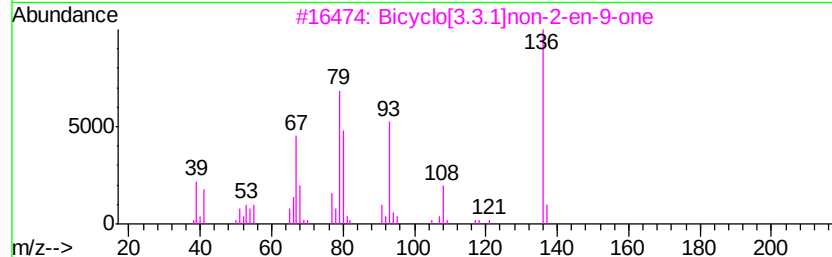
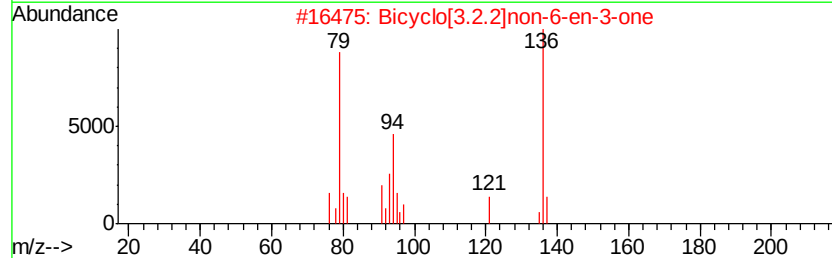
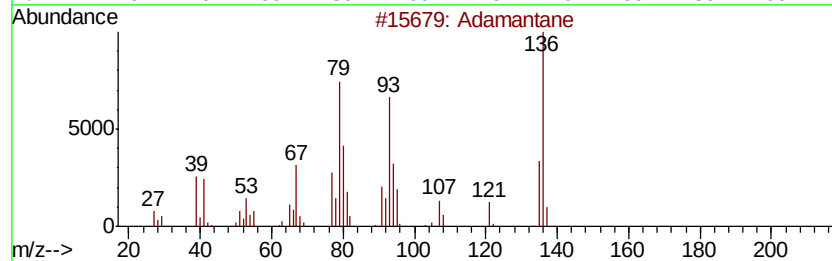
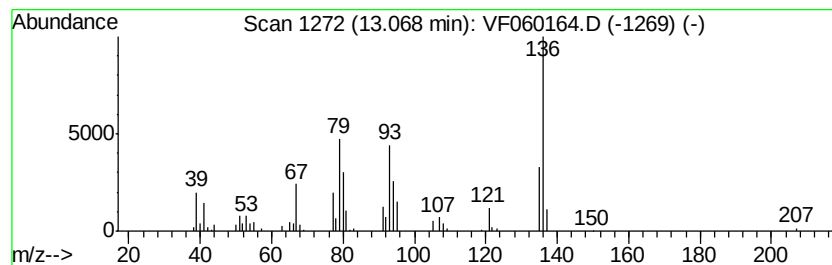
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Quant Title : SW846 8260

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

Peak Number 7 Adamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	7.13 ug/l	70478	1,4-Dichlorobenzene-d4	12.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	95
2		Bicyclo[3.2.2]non-6-en-3-one	136	C9H12O	1000072-31-7	62
3		Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	59
4		2-[1-Adamantyl]propan-2-ol	194	C13H22O	000775-64-4	56
5		1,4-Benzenediamine, N,N-dimethyl-	136	C8H12N2	000099-98-9	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

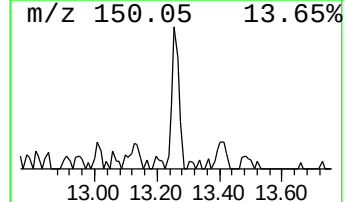
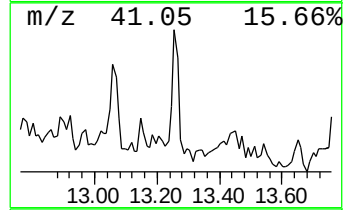
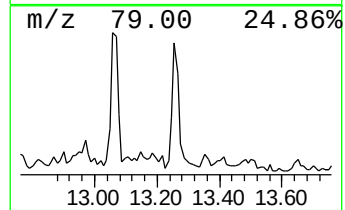
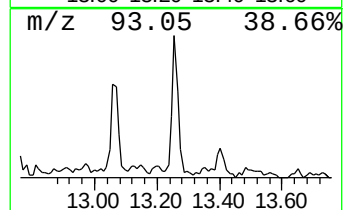
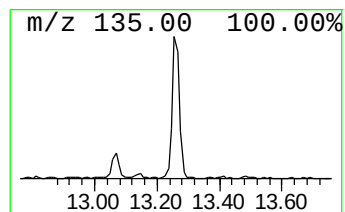
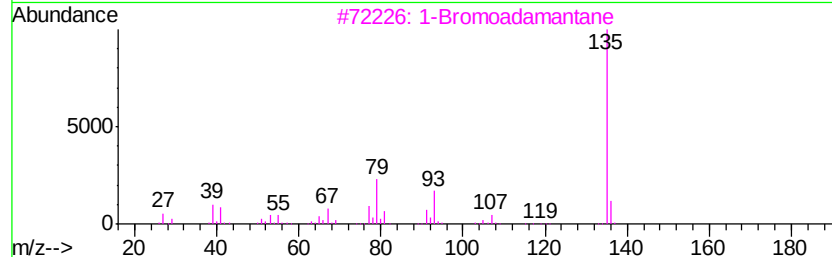
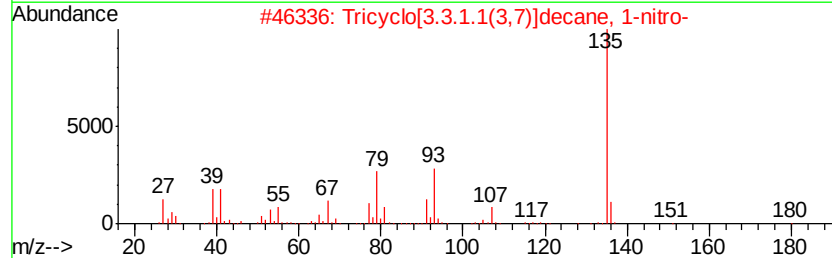
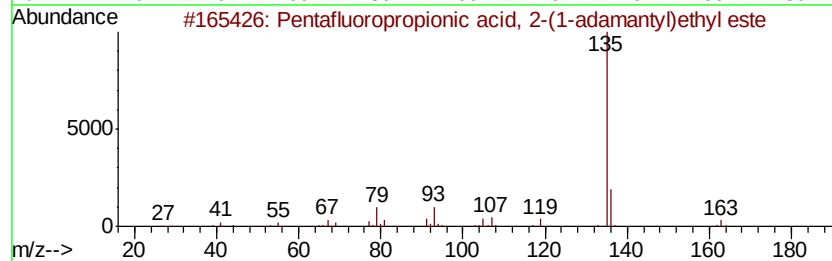
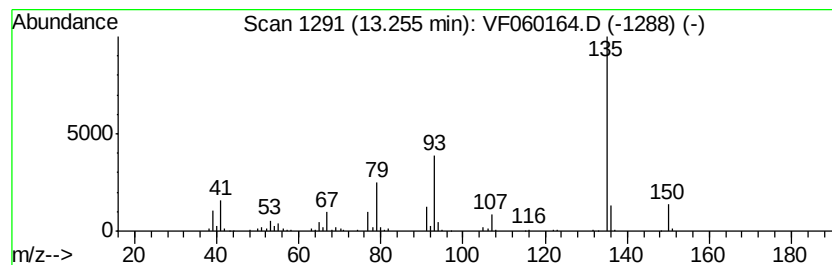
Instrument :
MSVOA_F
ClientSampleId :
SB-3-@-8-FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	8.72 ug/l	86163	1,4-Dichlorobenzene-d4	12.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, 2-(1-...	326	C15H19F5O2	1000283-03-9	72
2	Tricyclo[3.3.1.1(3,7)]decane, 1-...	181	C10H15N02	007575-82-8	72
3	1-Bromoadamantane	214	C10H15Br	000768-90-1	64
4	3-Adamantan-1-yl-1,1,1-trifluoro...	288	C15H19F3O2	1000311-44-8	64
5	1H-Pyrazole-3-carboxylic acid, 1...	345	C19H27N3O3	1000351-30-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

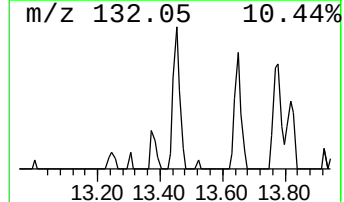
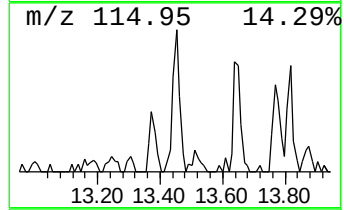
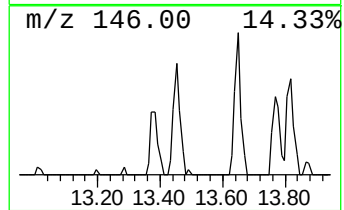
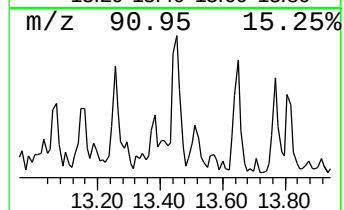
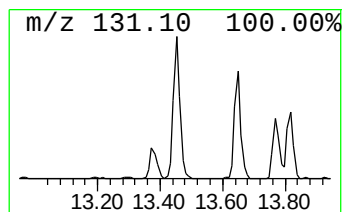
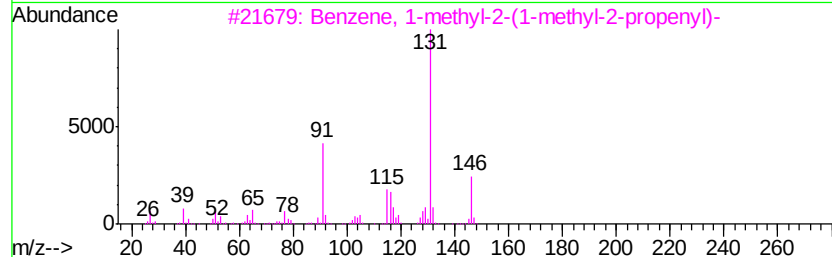
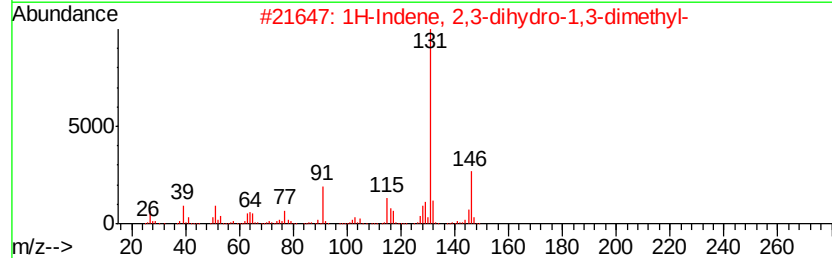
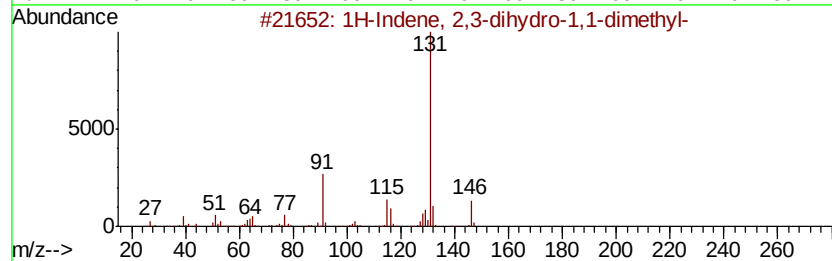
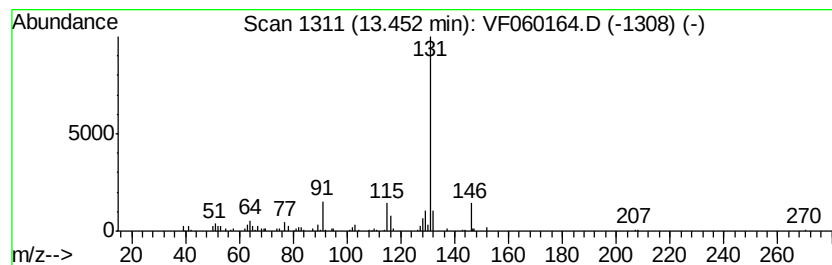
Instrument :
MSVOA_F
ClientSampleId :
SB-3-@-8-FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

Peak Number 9 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.45	6.96 ug/l	68724	1,4-Dichlorobenzene-d4	12.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	86
4	Cyclopropane, 2-bromo-1-methyl-1...	210	C10H11Br	055091-64-0	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	066324-83-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

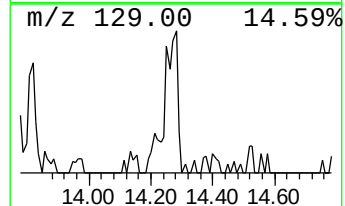
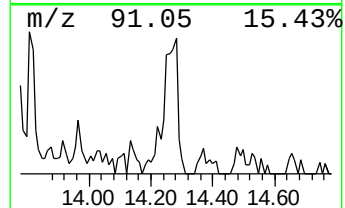
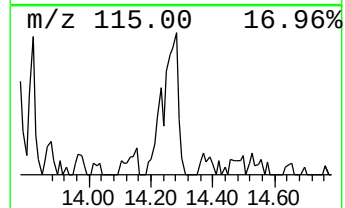
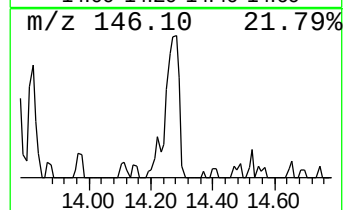
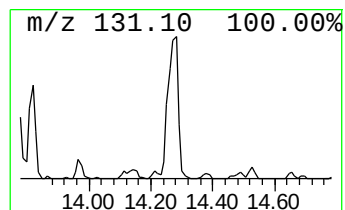
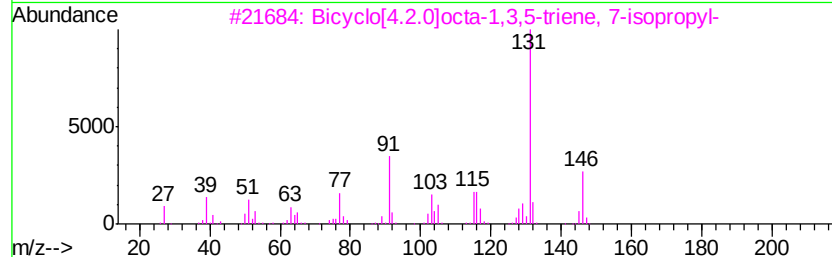
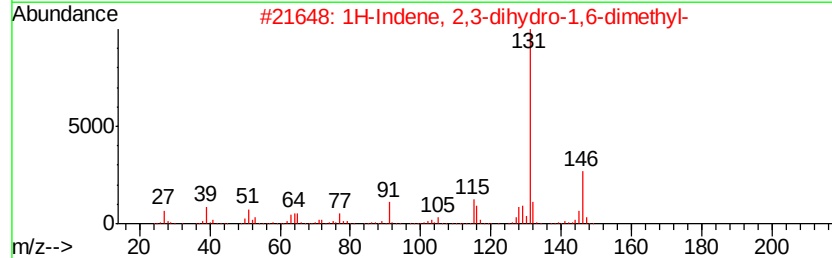
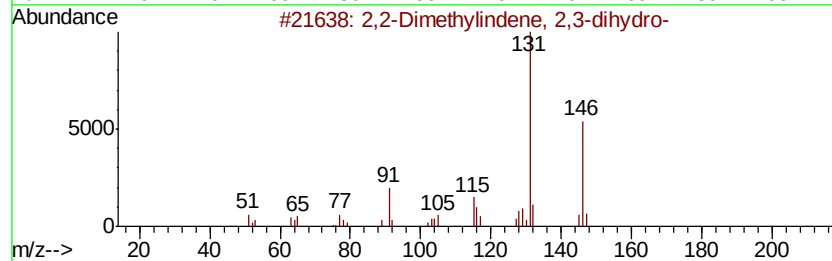
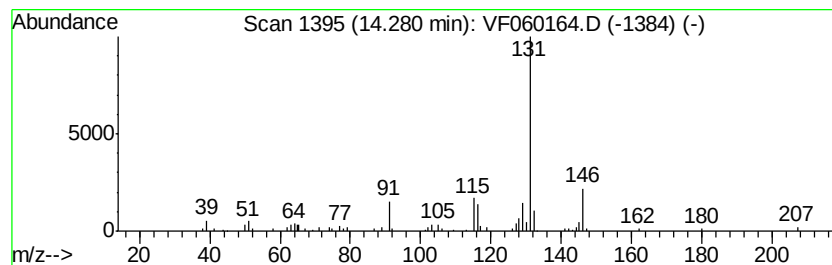
Instrument :
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ClientSampleId :
SB-3-@-8-FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

Peak Number 10 2,2-Dimethylindene, 2,3-dih... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	10.82 ug/l	106873	1,4-Dichlorobenzene-d4	12.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2	91
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146 C11H14	027087-54-3	91
4	Benzene, 1-methyl-3-(1-methyl-2-...	146 C11H14	052161-57-6	91
5	Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060164.D
Acq On : 28 Aug 2018 21:47
Operator : VA/AP
Sample : J4648-06
Misc : 8.16g/5mL/MSVOA_F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-3-@-8-FT

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown10.81	10.81	7.3	ug/l	105205	3	9.91	724918	50.0
unknown11.04	11.04	7.7	ug/l	112283	3	9.91	724918	50.0
Cyclopentane, 1-i...	11.25	9.4	ug/l	136277	3	9.91	724918	50.0
unknown12.04	12.04	8.0	ug/l	78986	4	12.62	493999	50.0
unknown12.37	12.37	8.9	ug/l	88186	4	12.62	493999	50.0
Adamantane	13.07	7.1	ug/l	70478	4	12.62	493999	50.0
Pentafluoropropio...	13.26	8.7	ug/l	86163	4	12.62	493999	50.0
1H-Indene, 2,3-di...	13.45	7.0	ug/l	68724	4	12.62	493999	50.0
2,2-Dimethylinden...	14.28	10.8	ug/l	106873	4	12.62	493999	50.0