

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060682.D
 Acq On : 9 Nov 2018 20:04
 Operator : VA/AP
 Sample : J5876-01
 Misc : 5.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 48382-47191-47202

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\82F110218S.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	1.067	41	44	47	rBV4	6748	17007	1.54%	0.181%
2	2.181	152	157	159	rBV4	10240	24095	2.18%	0.257%
3	2.240	159	163	173	rVV	42004	114950	10.39%	1.224%
4	3.069	246	247	253	rVB3	8157	15018	1.36%	0.160%
5	4.124	347	354	365	rVB	178598	563086	50.90%	5.995%
6	4.351	372	377	380	rBV3	7508	20224	1.83%	0.215%
7	4.864	420	429	441	rBV2	294420	1068799	96.61%	11.380%
8	5.456	483	489	496	rBV8	2792	13929	1.26%	0.148%
9	5.604	496	504	516	rVV	309201	822248	74.32%	8.754%
10	6.216	564	566	568	rBV	19217	16282	1.47%	0.173%
11	6.245	568	569	571	rVV	47749	29467	2.66%	0.314%
12	7.034	643	649	653	rBV4	14135	45480	4.11%	0.484%
13	7.557	697	702	714	rVV	428533	1106354	100.00%	11.779%
14	7.764	718	723	730	rVB5	11247	32637	2.95%	0.347%
15	8.277	772	775	779	rVV5	7231	20048	1.81%	0.213%
16	8.396	783	787	789	rVV4	8760	26143	2.36%	0.278%
17	8.455	789	793	802	rVB4	27253	85350	7.71%	0.909%
18	8.632	805	811	816	rVV	20659	57561	5.20%	0.613%
19	8.692	816	817	824	rVV6	5136	11672	1.05%	0.124%
20	8.849	828	833	838	rVB4	7340	18575	1.68%	0.198%
21	8.968	840	845	851	rBV4	19468	53651	4.85%	0.571%
22	9.047	851	853	857	rVV4	5323	13059	1.18%	0.139%
23	9.126	857	861	864	rVV4	7475	19701	1.78%	0.210%
24	9.293	873	878	883	rVV4	11509	35351	3.20%	0.376%
25	9.372	883	886	889	rVV5	5557	14808	1.34%	0.158%
26	9.540	895	903	909	rBV10	8852	40307	3.64%	0.429%
27	9.639	909	913	916	rVV6	5917	15083	1.36%	0.161%
28	9.717	916	921	922	rVV5	7432	21396	1.93%	0.228%
29	9.787	922	928	936	rVV	387555	919573	83.12%	9.791%
30	9.895	936	939	945	rVV5	10111	31200	2.82%	0.332%
31	9.984	945	948	952	rVB5	5012	13034	1.18%	0.139%
32	10.132	961	963	968	rVB2	6586	16010	1.45%	0.170%
33	10.240	968	974	980	rBV4	16488	61703	5.58%	0.657%
34	10.359	982	986	992	rVB6	6034	16339	1.48%	0.174%

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35	10.526	996	1003	1008	rVB6	13255	34443	3.11%	0.367%
36	10.674	1014	1018	1021	rBV5	18853	43978	3.98%	0.468%
37	10.783	1027	1029	1032	rBV4	5789	12664	1.14%	0.135%
38	10.832	1032	1034	1040	rVB4	9225	17560	1.59%	0.187%
39	11.059	1053	1057	1060	rBV4	9313	21510	1.94%	0.229%
40	11.237	1070	1075	1076	rBV5	9053	20805	1.88%	0.222%
41	11.276	1076	1079	1083	rVB3	28038	56410	5.10%	0.601%
42	11.414	1089	1093	1100	rBV	416567	799746	72.29%	8.515%
43	11.503	1100	1102	1105	rVV3	16864	28115	2.54%	0.299%
44	11.562	1105	1108	1111	rVV2	18530	31043	2.81%	0.331%
45	11.631	1111	1115	1118	rVV3	25666	51065	4.62%	0.544%
46	11.730	1122	1125	1128	rVB3	7307	15237	1.38%	0.162%
47	11.828	1133	1135	1138	rVB2	11105	13465	1.22%	0.143%
48	11.897	1138	1142	1144	rBV4	8973	19347	1.75%	0.206%
49	11.957	1144	1148	1150	rBV4	12071	27951	2.53%	0.298%
50	11.996	1150	1152	1157	rVB3	35569	69404	6.27%	0.739%
51	12.075	1157	1160	1165	rVB2	18705	32890	2.97%	0.350%
52	12.164	1165	1169	1171	rBV5	20166	48152	4.35%	0.513%
53	12.213	1171	1174	1178	rVB2	31752	57515	5.20%	0.612%
54	12.292	1178	1182	1184	rBV3	17076	30179	2.73%	0.321%
55	12.331	1184	1186	1189	rBV3	9109	13871	1.25%	0.148%
56	12.391	1189	1192	1195	rVB5	8420	14895	1.35%	0.159%
57	12.558	1205	1209	1212	rBV	455571	690289	62.39%	7.350%
58	12.608	1212	1214	1218	rVB3	45674	68414	6.18%	0.728%
59	12.716	1223	1225	1228	rBV4	8860	15979	1.44%	0.170%
60	12.844	1234	1238	1242	rVB6	17608	46130	4.17%	0.491%
61	12.943	1245	1248	1249	rBV2	9614	14074	1.27%	0.150%
62	13.012	1252	1255	1259	rVB4	19229	41793	3.78%	0.445%
63	13.121	1259	1266	1268	rBV5	18507	45811	4.14%	0.488%
64	13.160	1268	1270	1271	rBV	17003	20698	1.87%	0.220%
65	13.200	1271	1274	1276	rBV4	17683	30670	2.77%	0.327%
66	13.298	1282	1284	1287	rBV3	16360	26040	2.35%	0.277%
67	13.387	1290	1293	1295	rVB4	30145	46206	4.18%	0.492%
68	13.505	1302	1305	1306	rBV3	12528	15678	1.42%	0.167%
69	13.545	1307	1309	1311	rVB2	8761	11207	1.01%	0.119%
70	13.584	1311	1313	1317	rVB4	9735	17899	1.62%	0.191%
71	13.643	1317	1319	1321	rBV3	7749	14099	1.27%	0.150%

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72	13.712	1323	1326	1332	rVB4	33585	66769	6.04%	0.711%
73	13.811	1334	1336	1338	rVB2	15163	15586	1.41%	0.166%
74	13.851	1338	1340	1345	rBV4	56527	144908	13.10%	1.543%
75	13.959	1349	1351	1355	rVB4	11641	19993	1.81%	0.213%
76	14.018	1355	1357	1359	rBV2	11213	17783	1.61%	0.189%
77	14.077	1359	1363	1367	rBV5	8587	24536	2.22%	0.261%
78	14.166	1367	1372	1376	rBV6	35894	111620	10.09%	1.188%
79	14.225	1376	1378	1383	rVB5	23833	47502	4.29%	0.506%
80	14.304	1383	1386	1390	rBV	93248	131492	11.89%	1.400%
81	14.364	1390	1392	1395	rVB3	20522	31794	2.87%	0.339%
82	14.462	1397	1402	1404	rBV4	34585	61823	5.59%	0.658%
83	14.502	1404	1406	1407	rBV2	18436	26446	2.39%	0.282%
84	14.748	1428	1431	1435	rVB4	18708	32795	2.96%	0.349%
85	14.807	1435	1437	1438	rBV2	9981	13660	1.23%	0.145%
86	14.867	1441	1443	1445	rVV2	21016	33474	3.03%	0.356%
87	14.906	1445	1447	1454	rVB6	28679	69345	6.27%	0.738%
88	15.024	1454	1459	1462	rBV2	110786	196709	17.78%	2.094%
89	15.172	1471	1474	1477	rBV3	54477	95557	8.64%	1.017%
90	15.261	1480	1483	1484	rBV3	13498	22121	2.00%	0.236%
91	15.389	1494	1496	1500	rVB4	18505	35473	3.21%	0.378%
92	15.449	1500	1502	1506	rBV5	13108	14744	1.33%	0.157%
93	15.567	1512	1514	1517	rBV	72672	100352	9.07%	1.068%
94	15.823	1537	1540	1544	rVB3	55558	95279	8.61%	1.014%
95	16.070	1562	1565	1567	rBV4	18724	37159	3.36%	0.396%

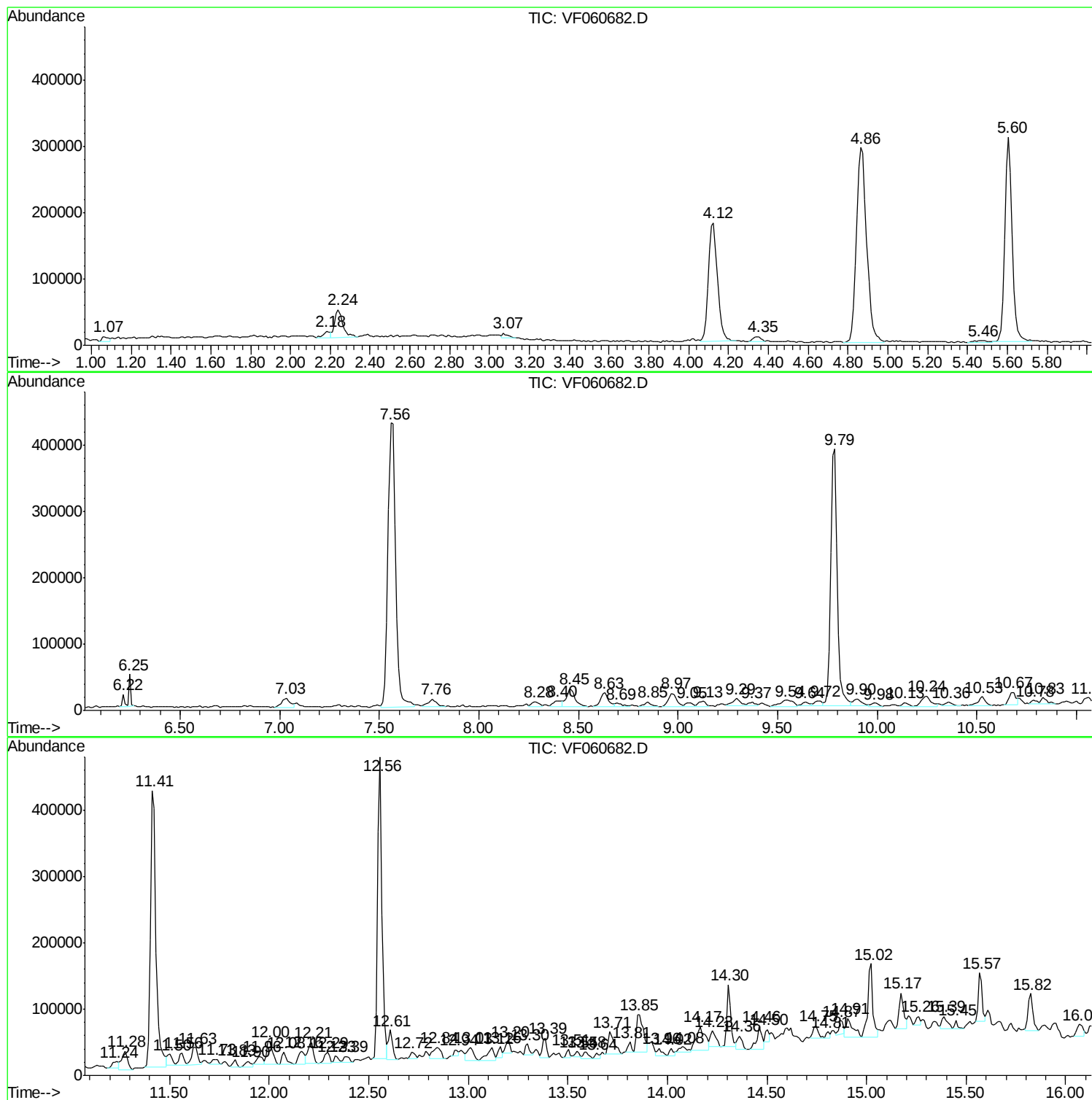
Sum of corrected areas: 9392292

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TIC Library : C:\DATABASE\NIST11.L
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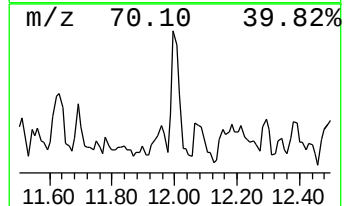
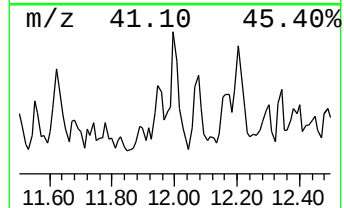
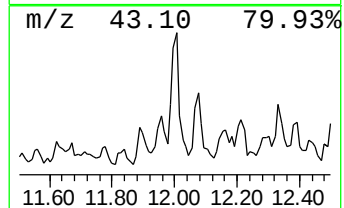
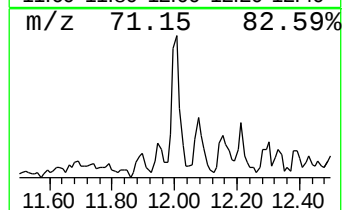
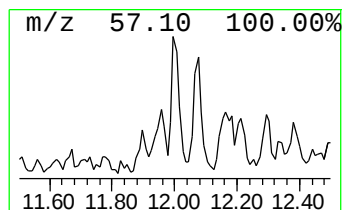
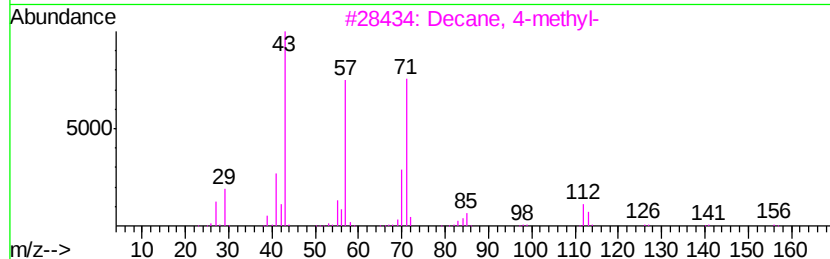
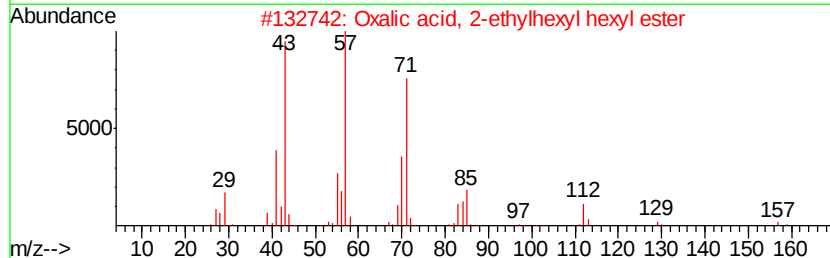
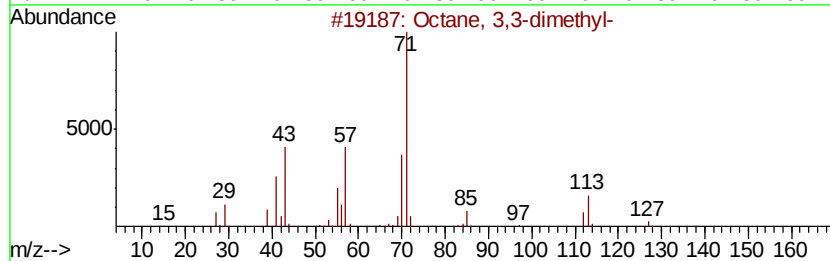
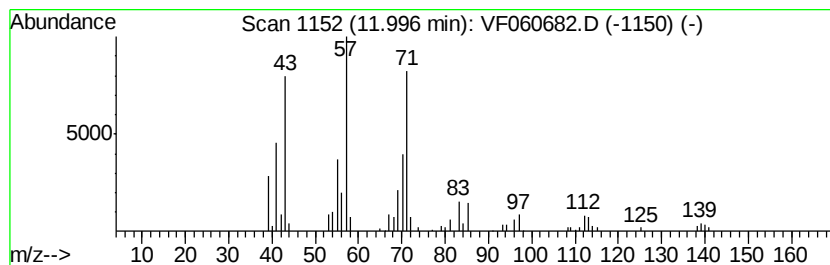
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.00	5.03 ug/l	69404	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	64
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59



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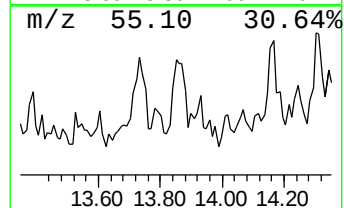
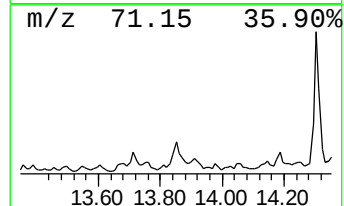
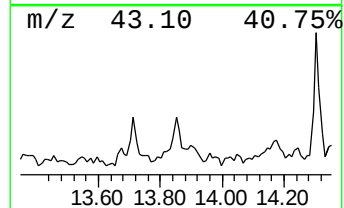
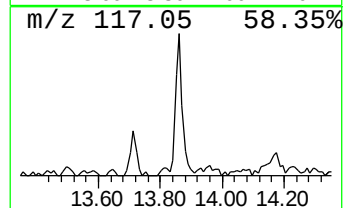
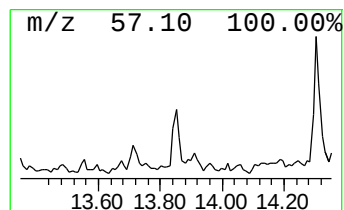
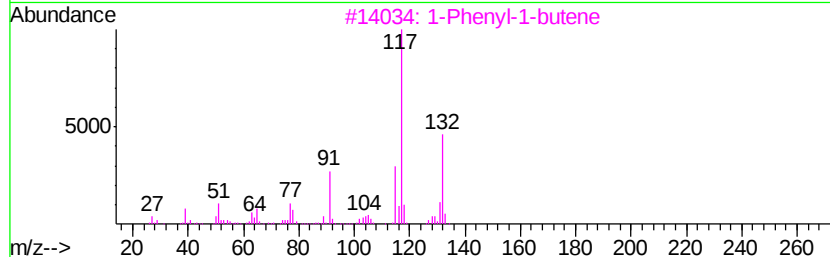
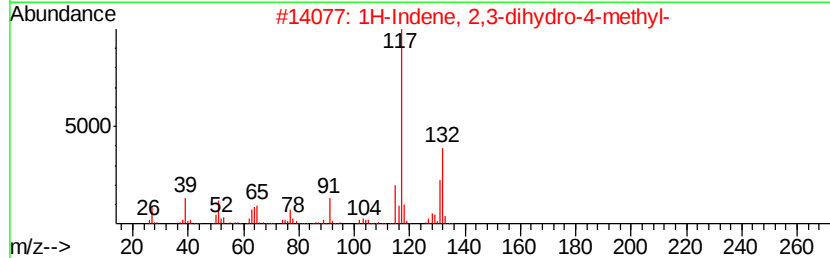
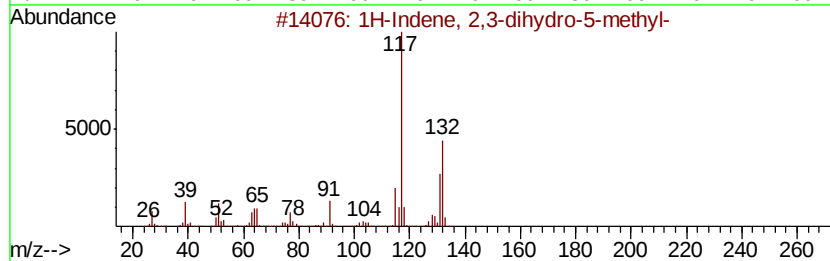
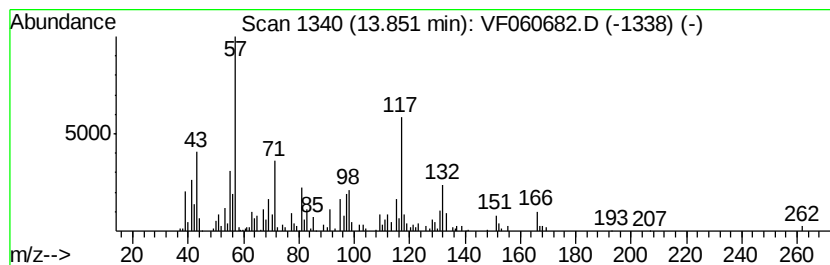
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown13.85 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.50 ug/l	144908	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	42
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	42
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	42
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	42
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38



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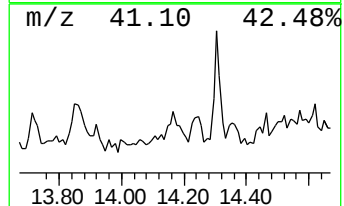
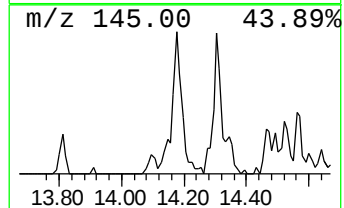
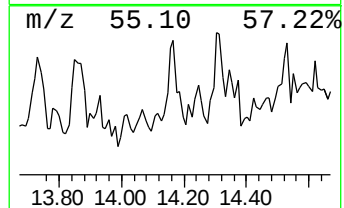
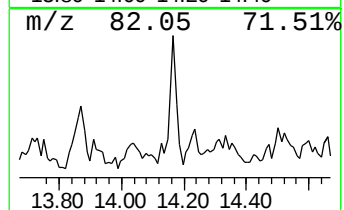
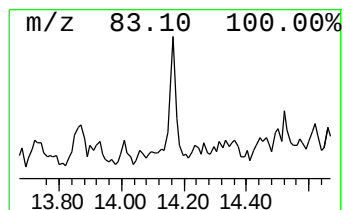
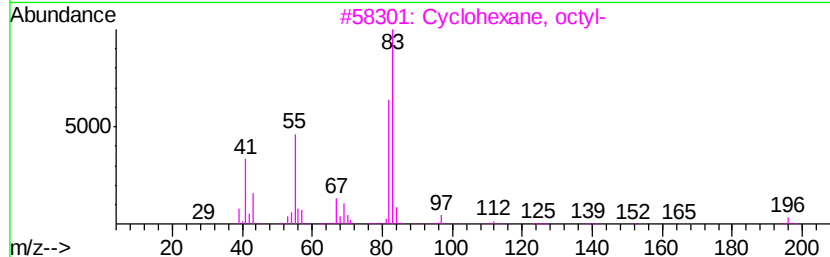
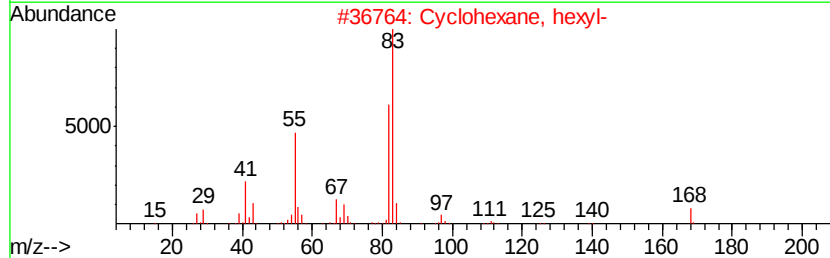
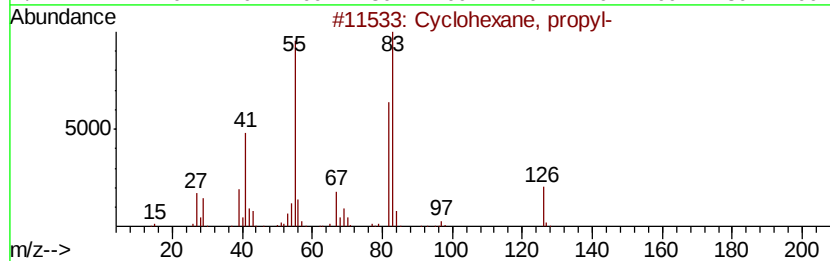
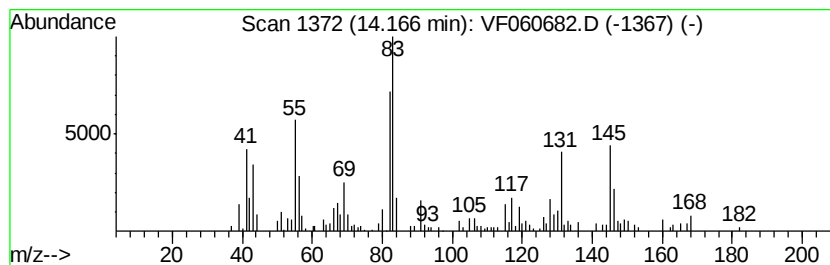
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Peak Number 3 unknown14.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	8.09 ug/l	111620	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	35
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	35
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

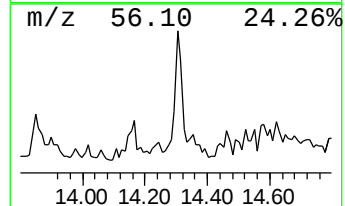
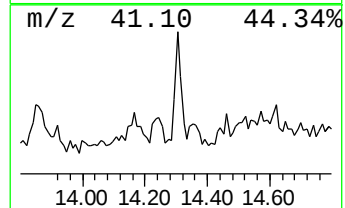
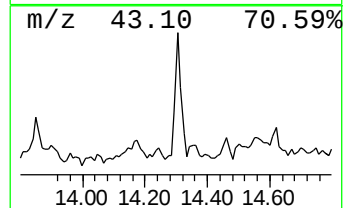
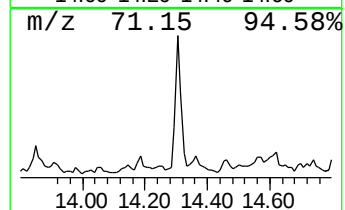
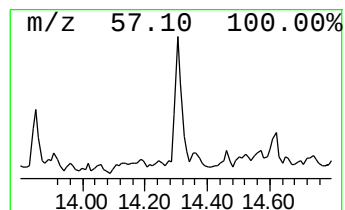
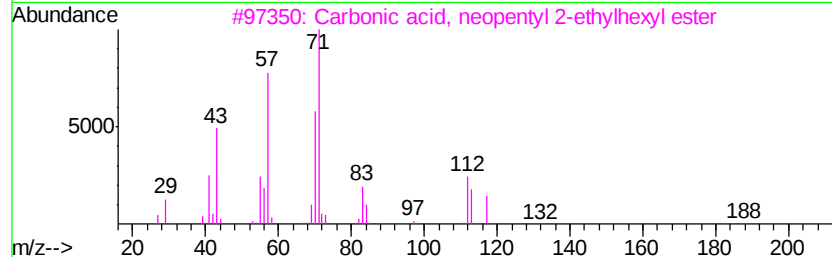
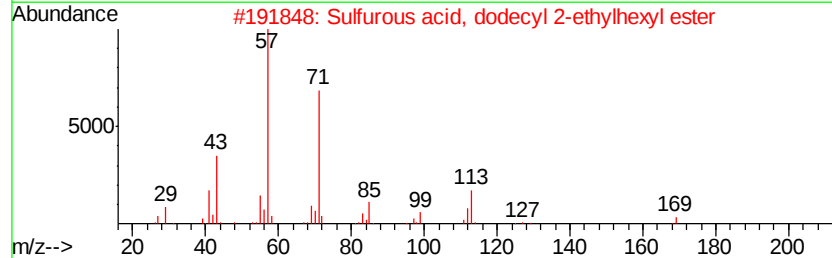
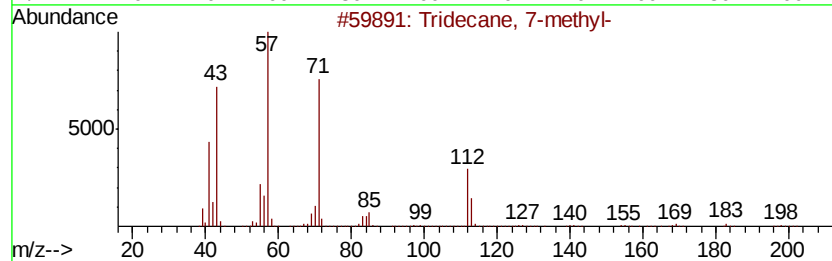
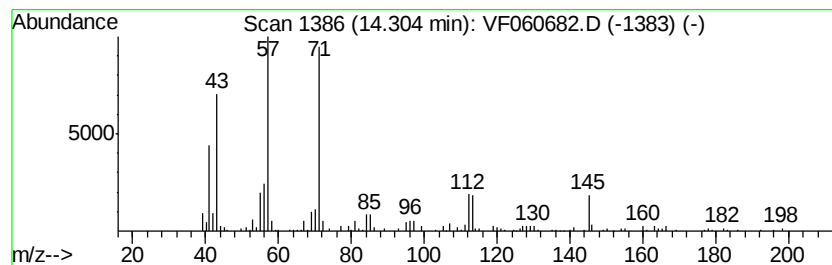
Instrument :
MSVOA_F
ClientSampleID :
48382-47191-47202

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 4 Tridecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	9.52 ug/l	131492	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 7-methyl-	198 C14H30	026730-14-3 64
2		Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5 59
3		Carbonic acid, neopentyl 2-ethyl...	244 C14H28O3	1000357-85-7 59
4		Butane, 2,2-dimethyl-	86 C6H14	000075-83-2 53
5		Oxalic acid, isobutyl neopentyl ...	216 C11H20O4	1000309-72-6 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

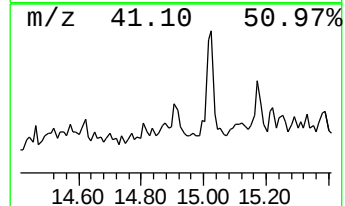
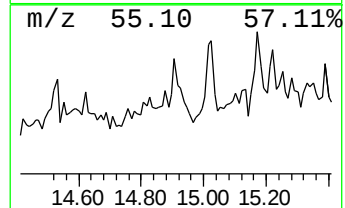
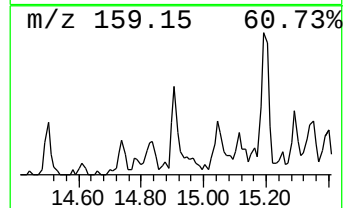
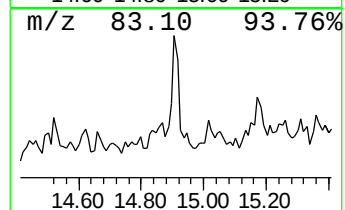
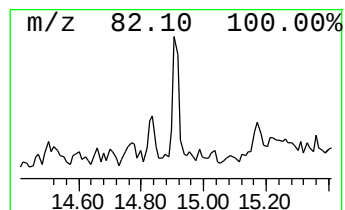
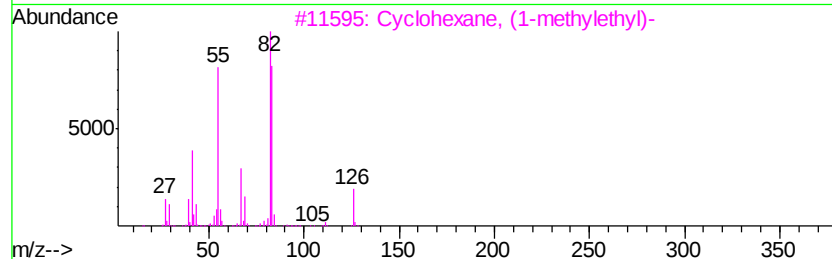
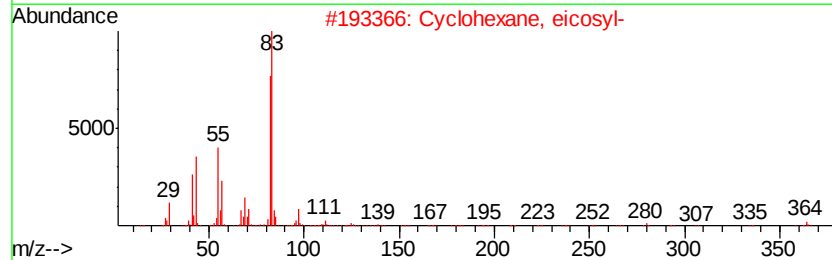
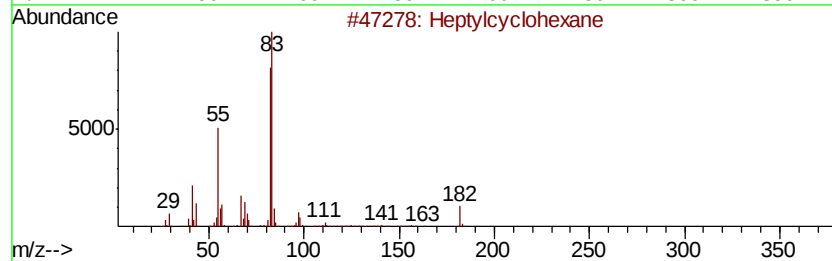
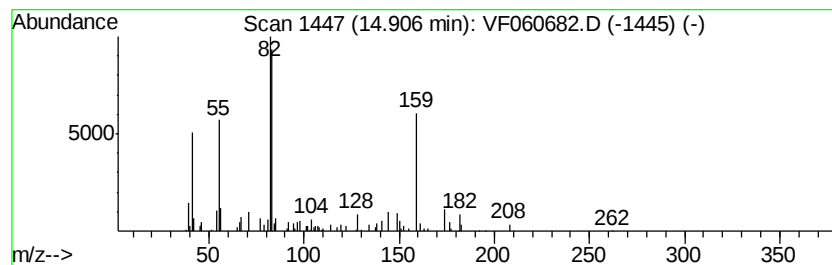
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Quant Title : SW846 8260

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

Peak Number 5 Heptylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	5.02 ug/l	69345	1,4-Dichlorobenzene-d4	12.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	52
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	50
5		(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-74-1	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

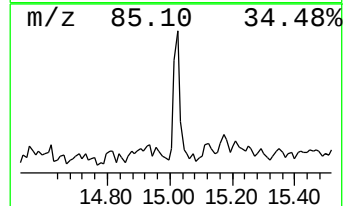
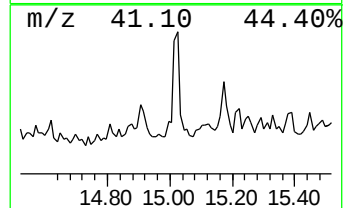
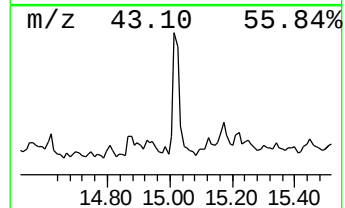
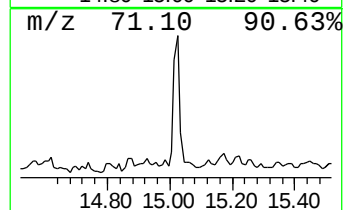
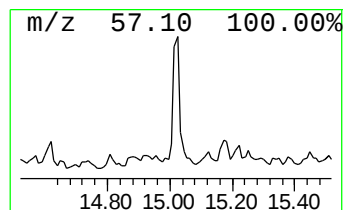
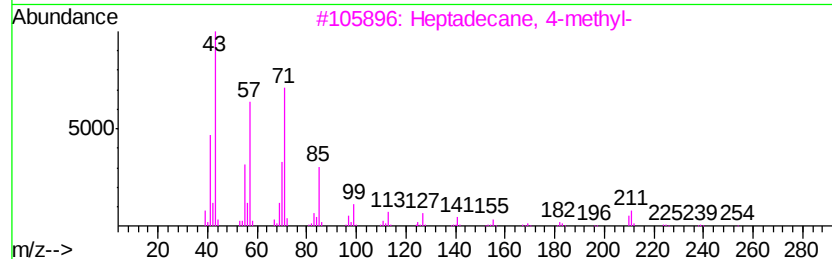
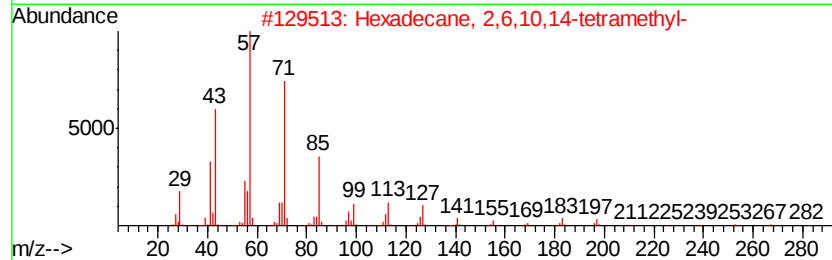
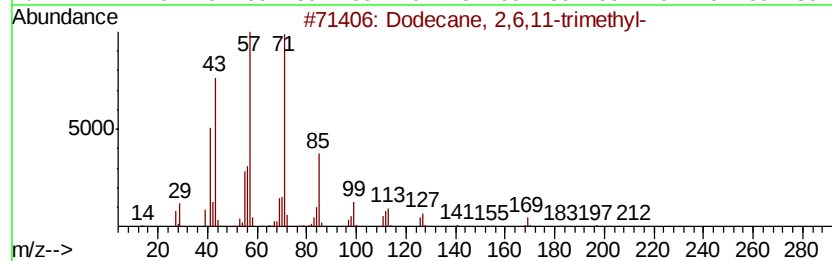
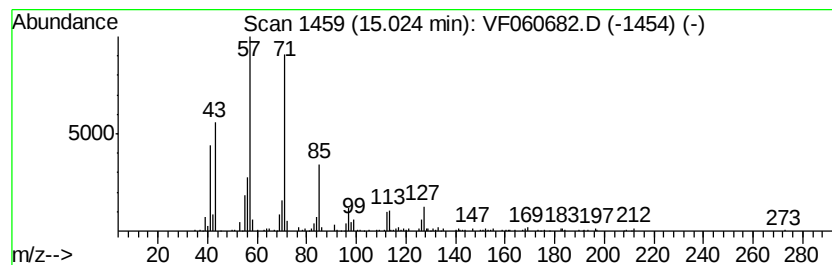
Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	14.25 ug/l	196709	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	78
2	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	78
3	Heptadecane, 4-methyl-	254 C18H38	026429-11-8	72
4	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
5	Tetradecane, 4-methyl-	212 C15H32	025117-24-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

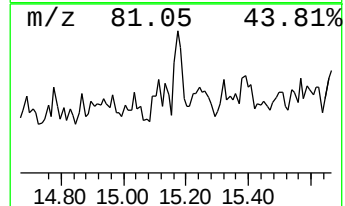
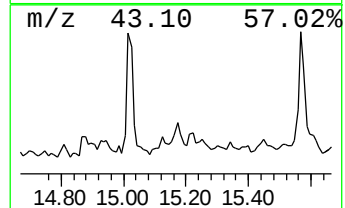
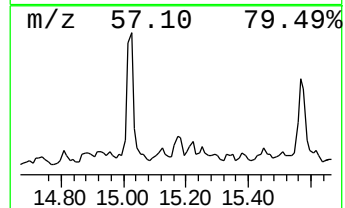
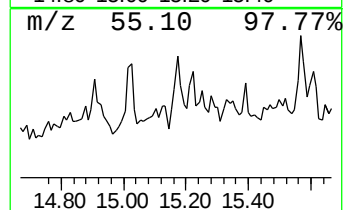
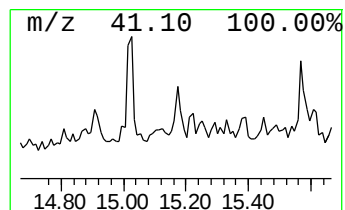
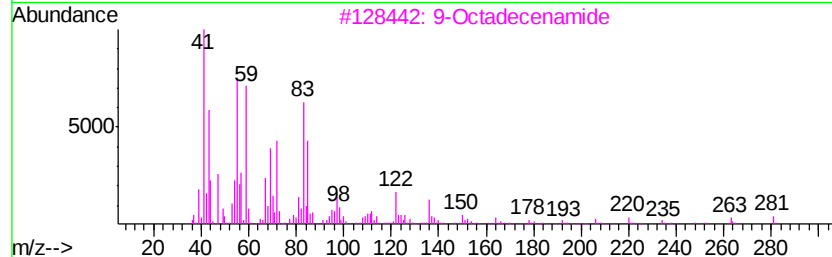
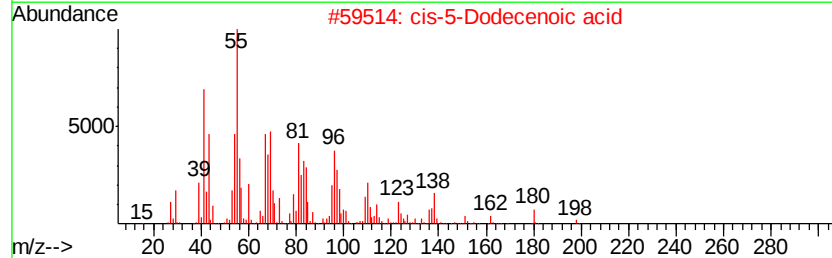
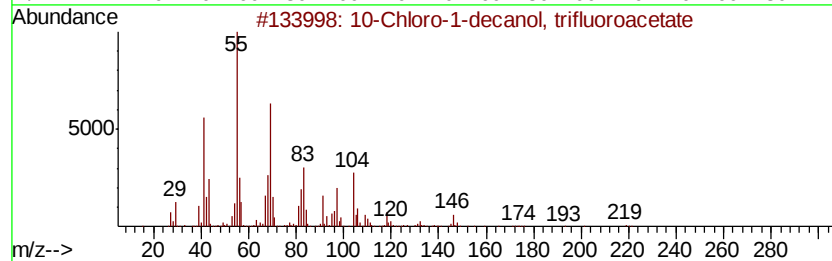
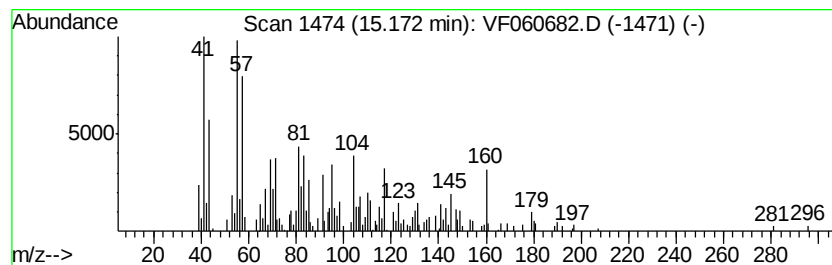
Instrument :
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ClientSampleId :
48382-47191-47202

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown15.17 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.17	6.92 ug/l	95557	1,4-Dichlorobenzene-d4	12.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Chloro-1-decanol, trifluoroac...	288	C12H20ClF3O2	1000365-32-8	27
2	cis-5-Dodecenoic acid	198	C12H22O2	002430-94-6	22
3	9-Octadecenamide	281	C18H35NO	003322-62-1	15
4	1-Cyclohexylheptene	180	C13H24	114614-83-4	14
5	2,4-Decadien-1-ol	154	C10H18O	014507-02-9	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

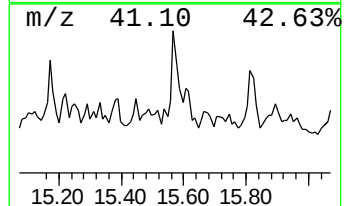
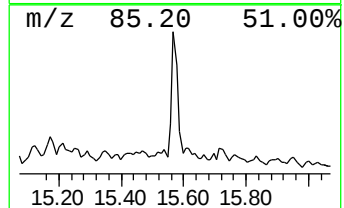
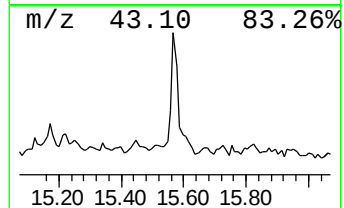
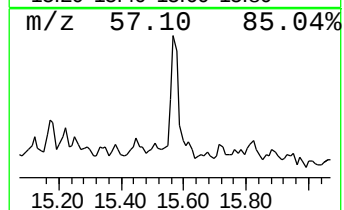
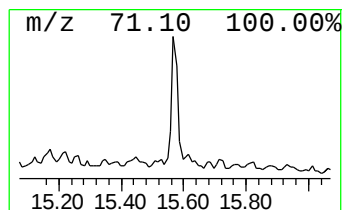
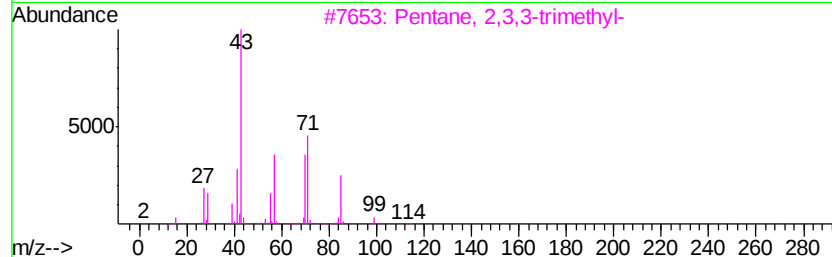
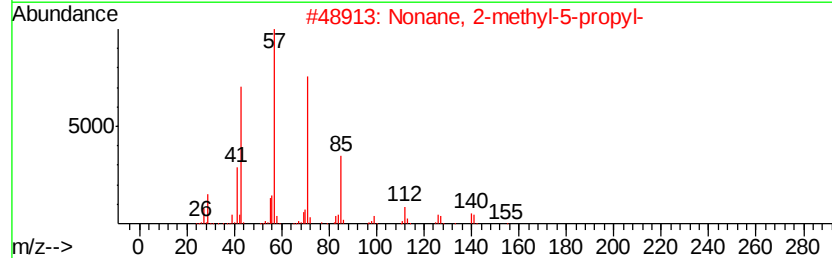
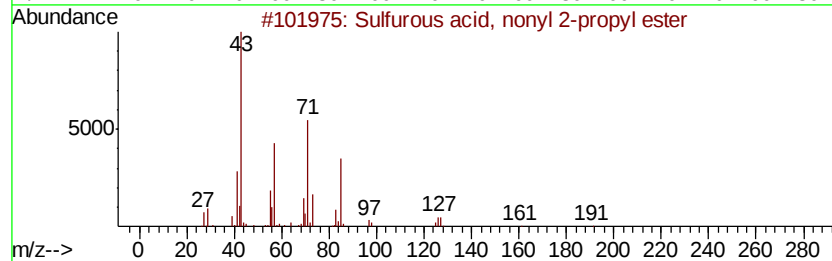
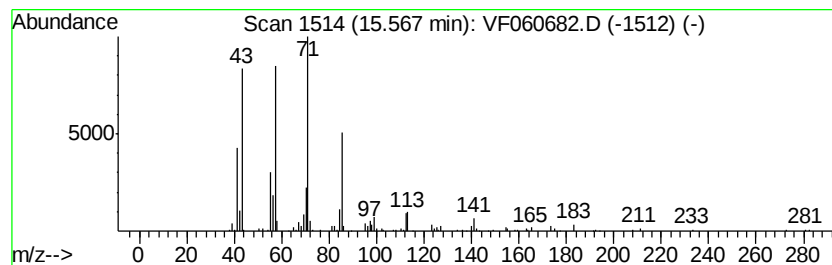
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, nonyl 2-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	7.27 ug/l	100352	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
2		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
3		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53
4		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50
5		4,4-Dipropylheptane	184	C13H28	017312-72-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

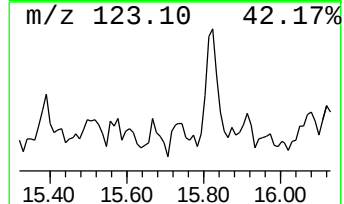
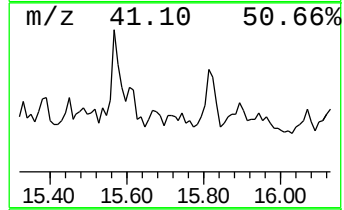
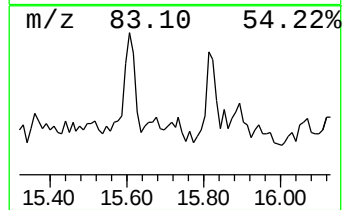
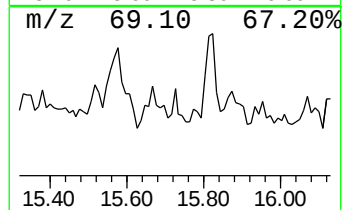
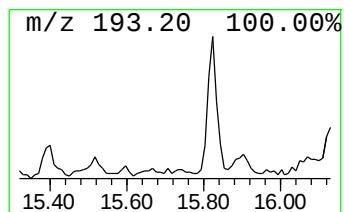
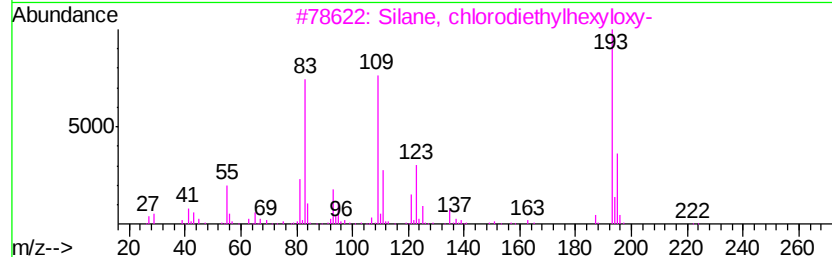
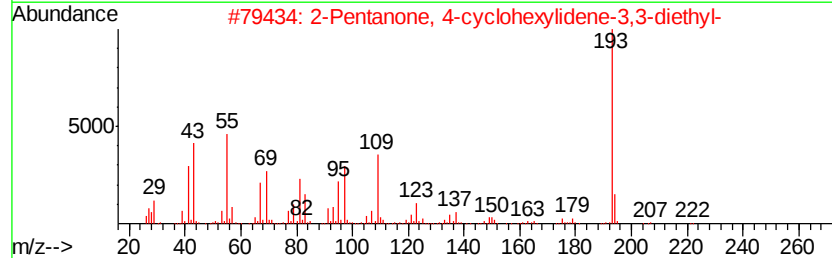
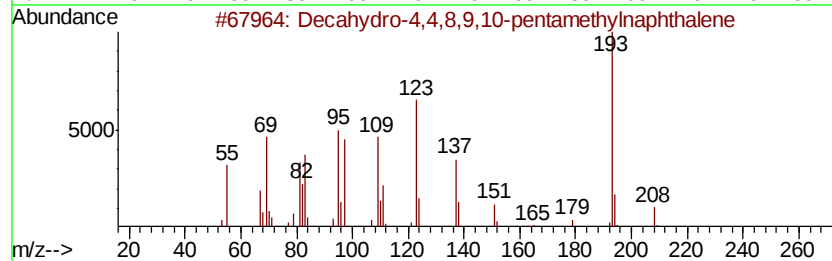
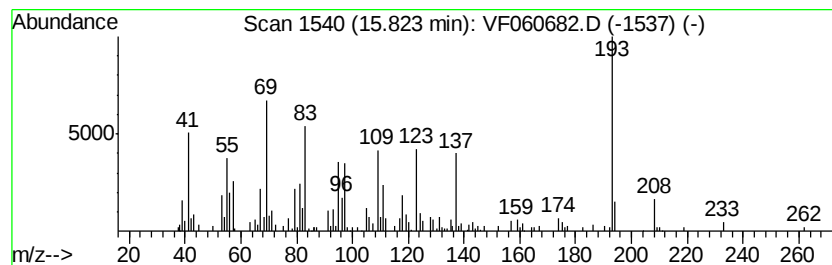
Instrument :
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ClientSampleId :
48382-47191-47202

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	6.90 ug/l	95279	1,4-Dichlorobenzene-d4	12.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 59
2		2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5 47
3		Silane, chlorodiethylhexyloxy-	222 C10H23ClOSi	1000363-74-4 35
4		Butan-2-one, 1-[3-(3,3-dimethyl-...	278 C16H26N2O2	1000303-34-2 27
5		3,3,6,9,9-Pentamethyl-2,10-diaza...	208 C13H24N2	069340-58-5 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060682.D
Acq On : 9 Nov 2018 20:04
Operator : VA/AP
Sample : J5876-01
Misc : 5.12g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
48382-47191-47202

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.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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unknown13.85	13.85	10.5	ug/l	144908	4	12.56	690289	50.0
unknown14.17	14.17	8.1	ug/l	111620	4	12.56	690289	50.0
Tridecane, 7-methyl-	14.30	9.5	ug/l	131492	4	12.56	690289	50.0
Heptylcyclohexane	14.91	5.0	ug/l	69345	4	12.56	690289	50.0
Dodecane, 2,6,11-...	15.02	14.3	ug/l	196709	4	12.56	690289	50.0
unknown15.17	15.17	6.9	ug/l	95557	4	12.56	690289	50.0
Sulfurous acid, n...	15.57	7.3	ug/l	100352	4	12.56	690289	50.0
Decahydro-4,4,8,9...	15.82	6.9	ug/l	95279	4	12.56	690289	50.0