

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012319\
 Data File : VF061485.D
 Acq On : 23 Jan 2019 16:17
 Operator : VA/AP
 Sample : K1223-03
 Misc : 5.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-O

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\82F011519S.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	1.062	42	44	46	rBV3	2814	4559	4.09%	0.606%
2	1.555	92	94	96	rBV3	2846	3394	3.05%	0.451%
3	1.683	103	107	108	rBV3	2545	4994	4.48%	0.664%
4	1.831	120	122	123	rBV2	2054	2415	2.17%	0.321%
5	3.044	244	245	253	rVB	9361	18272	16.40%	2.428%
6	3.143	253	255	257	rBV2	1422	2097	1.88%	0.279%
7	3.380	277	279	281	rBV2	1493	2582	2.32%	0.343%
8	3.508	288	292	293	rBV2	1107	2155	1.93%	0.286%
9	3.745	314	316	317	rBV	978	1223	1.10%	0.163%
10	3.814	320	323	325	rBV2	1559	2952	2.65%	0.392%
11	3.972	337	339	340	rBV2	1305	1738	1.56%	0.231%
12	4.110	347	353	363	rVB	14051	44571	40.01%	5.923%
13	4.327	371	375	382	rBV3	3739	11350	10.19%	1.508%
14	4.869	421	430	436	rBV4	31605	111410	100.00%	14.804%
15	5.027	445	446	448	rBV2	1037	1629	1.46%	0.216%
16	5.096	452	453	455	rVV	1358	1360	1.22%	0.181%
17	5.126	455	456	458	rVB	1636	1866	1.67%	0.248%
18	5.175	458	461	462	rBV2	1057	1806	1.62%	0.240%
19	5.244	462	468	470	rBV2	969	2812	2.52%	0.374%
20	5.293	470	473	479	rVB2	983	2649	2.38%	0.352%
21	5.402	482	484	486	rVB2	1239	1652	1.48%	0.220%
22	5.510	491	495	498	rBV2	1206	2321	2.08%	0.308%
23	5.599	498	504	514	rVV	34063	94187	84.54%	12.516%
24	5.777	521	522	525	rVB	1050	1156	1.04%	0.154%
25	5.856	527	530	531	rVV2	1123	1335	1.20%	0.177%
26	5.925	534	537	538	rBV2	1278	1853	1.66%	0.246%
27	5.954	538	540	541	rBV	1106	1633	1.47%	0.217%
28	6.023	544	547	550	rBV2	948	1851	1.66%	0.246%
29	6.063	550	551	556	rVB	764	1690	1.52%	0.225%
30	6.132	556	558	564	rBV3	897	2388	2.14%	0.317%
31	6.250	566	570	574	rBV3	2215	5918	5.31%	0.786%
32	6.438	581	589	593	rBV4	5604	18049	16.20%	2.398%
33	6.566	598	602	604	rBV4	1388	3948	3.54%	0.525%
34	6.783	619	624	625	rBV2	805	1691	1.52%	0.225%

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35	6.832	625	629	631	rVB2	855	1987	1.78%	0.264%
36	7.020	647	648	650	rVB	1224	1121	1.01%	0.149%
37	7.148	656	661	666	rVB5	2801	8771	7.87%	1.165%
38	7.237	666	670	671	rBV2	960	1740	1.56%	0.231%
39	7.276	671	674	675	rBV	1332	1384	1.24%	0.184%
40	7.552	697	702	707	rVV	37741	86764	77.88%	11.529%
41	7.671	712	714	717	rVB2	908	1674	1.50%	0.222%
42	7.848	730	732	735	rVB3	583	1166	1.05%	0.155%
43	7.947	740	742	744	rBV2	978	1466	1.32%	0.195%
44	7.996	744	747	749	rVB2	1394	1937	1.74%	0.257%
45	8.154	761	763	765	rBV	1228	1899	1.70%	0.252%
46	8.203	765	768	769	rVV	1527	2416	2.17%	0.321%
47	8.263	772	774	776	rVV2	1083	1339	1.20%	0.178%
48	8.440	791	792	797	rVV2	910	1654	1.48%	0.220%
49	8.529	799	801	804	rVB2	930	1461	1.31%	0.194%
50	8.716	817	820	824	rBV2	876	2377	2.13%	0.316%
51	8.785	824	827	829	rBV3	706	1192	1.07%	0.158%
52	8.845	829	833	834	rBV	697	1694	1.52%	0.225%
53	8.953	840	844	845	rBV2	832	1464	1.31%	0.195%
54	8.992	845	848	850	rBV2	1631	2918	2.62%	0.388%
55	9.042	850	853	856	rVB2	1187	1935	1.74%	0.257%
56	9.131	859	862	863	rVB2	907	1504	1.35%	0.200%
57	9.200	867	869	870	rBV	1269	1649	1.48%	0.219%
58	9.427	890	892	896	rVB2	1163	1554	1.39%	0.206%
59	9.476	896	897	902	rBV2	1190	2535	2.28%	0.337%
60	9.614	910	911	914	rVB3	1154	1757	1.58%	0.233%
61	9.663	914	916	917	rBV	1022	1324	1.19%	0.176%
62	9.772	922	927	934	rVV	31624	70036	62.86%	9.306%
63	9.861	934	936	939	rVV	1385	2151	1.93%	0.286%
64	9.920	939	942	945	rVV2	776	1756	1.58%	0.233%
65	10.028	950	953	955	rBV2	758	1408	1.26%	0.187%
66	10.127	960	963	966	rVB3	1676	2272	2.04%	0.302%
67	10.186	966	969	971	rVB3	1093	1764	1.58%	0.234%
68	10.216	971	972	974	rBV2	986	1205	1.08%	0.160%
69	10.423	991	993	995	rVB2	1238	1534	1.38%	0.204%
70	10.551	1004	1006	1007	rVV2	1468	1322	1.19%	0.176%
71	10.620	1011	1013	1016	rVB	1173	1748	1.57%	0.232%

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72	10.729	1022	1024	1028	rVB	1167	1914	1.72%	0.254%
73	10.847	1028	1036	1038	rBV3	3224	8438	7.57%	1.121%
74	10.916	1042	1043	1046	rVB2	1540	1919	1.72%	0.255%
75	11.133	1062	1065	1067	rBV	806	1314	1.18%	0.175%
76	11.212	1071	1073	1075	rVV2	738	1162	1.04%	0.154%
77	11.281	1077	1080	1081	rBV	975	1347	1.21%	0.179%
78	11.301	1081	1082	1085	rBV2	1065	1358	1.22%	0.180%
79	11.409	1087	1093	1100	rBV	20810	40387	36.25%	5.367%
80	11.567	1105	1109	1116	rBV6	5915	14124	12.68%	1.877%
81	11.656	1116	1118	1120	rBV2	1223	1820	1.63%	0.242%
82	11.745	1125	1127	1129	rVB	1227	1717	1.54%	0.228%
83	11.774	1129	1130	1131	rBV	1569	1328	1.19%	0.176%
84	11.824	1133	1135	1138	rVB2	814	1369	1.23%	0.182%
85	12.001	1151	1153	1155	rBV	1638	2694	2.42%	0.358%
86	12.198	1171	1173	1177	rBV3	1607	3221	2.89%	0.428%
87	12.287	1179	1182	1185	rBV4	3132	5950	5.34%	0.791%
88	12.465	1192	1200	1201	rBV3	3890	8975	8.06%	1.193%
89	12.553	1206	1209	1215	rVB	19583	35510	31.87%	4.719%
90	12.869	1240	1241	1243	rBV	1326	1334	1.20%	0.177%
91	12.938	1245	1248	1251	rBV4	1450	2920	2.62%	0.388%
92	13.037	1257	1258	1261	rBV	1231	1694	1.52%	0.225%
93	13.214	1274	1276	1278	rBV2	1312	1678	1.51%	0.223%
94	13.293	1281	1284	1285	rVB2	1336	2164	1.94%	0.288%
95	13.639	1317	1319	1322	rBV2	900	1760	1.58%	0.234%
96	13.865	1340	1342	1344	rBV2	1183	1822	1.64%	0.242%
97	14.615	1415	1418	1423	rBV4	2261	6554	5.88%	0.871%
98	15.740	1529	1532	1535	rBV5	3203	4997	4.49%	0.664%
99	16.016	1558	1560	1561	rVB	1653	1264	1.13%	0.168%
100	16.055	1561	1564	1565	rBV	1507	2443	2.19%	0.325%

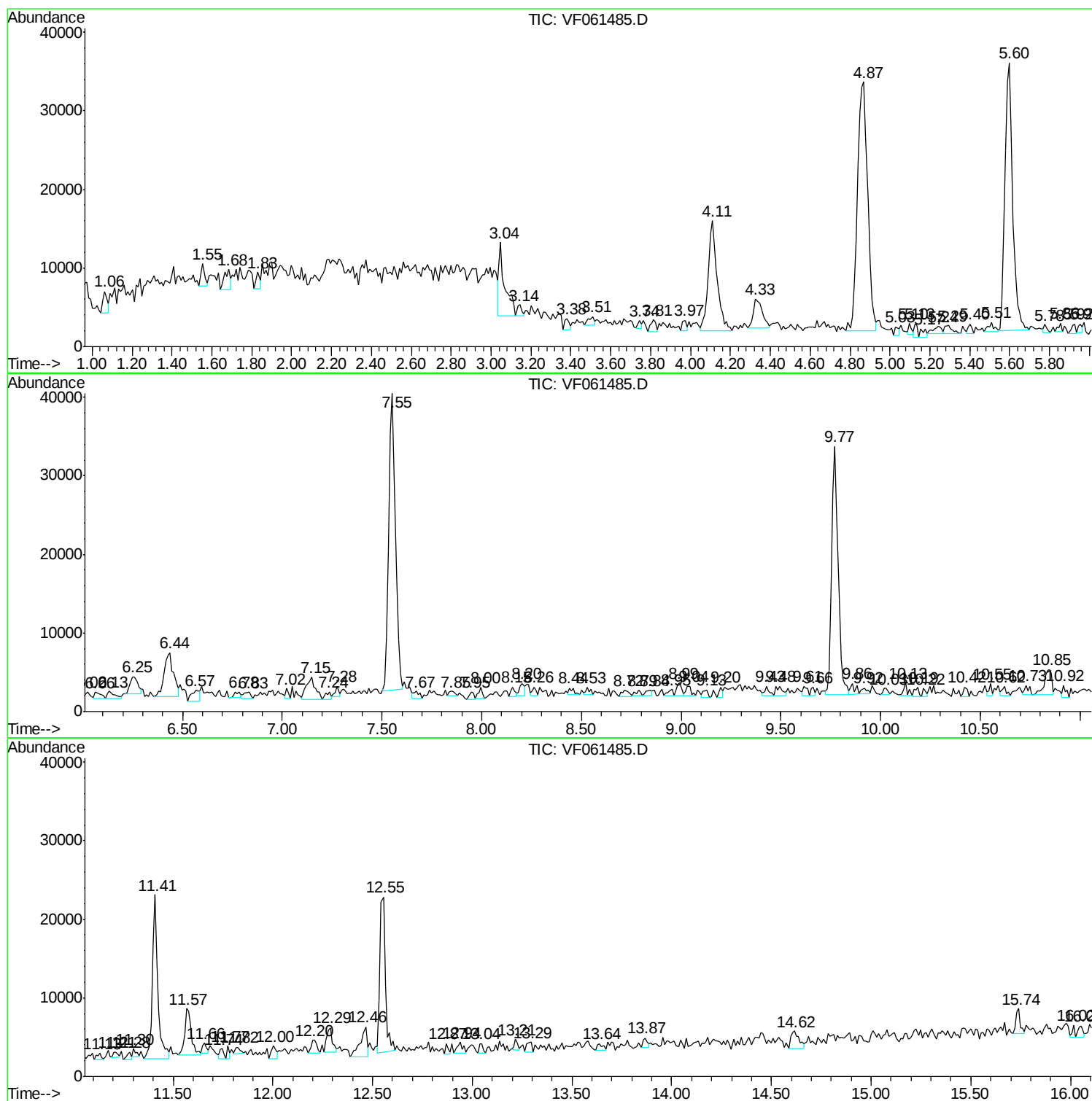
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TIC Library : C:\DATABASE\NIST11.L
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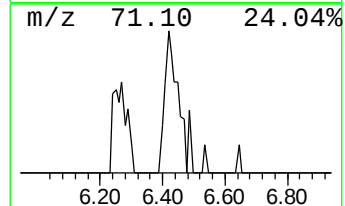
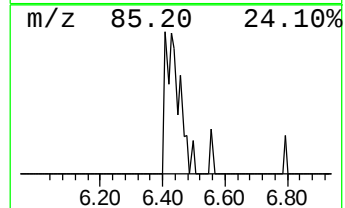
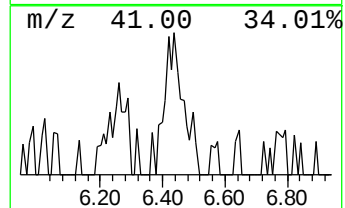
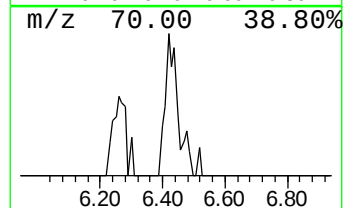
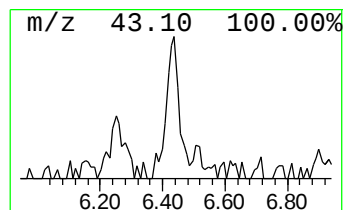
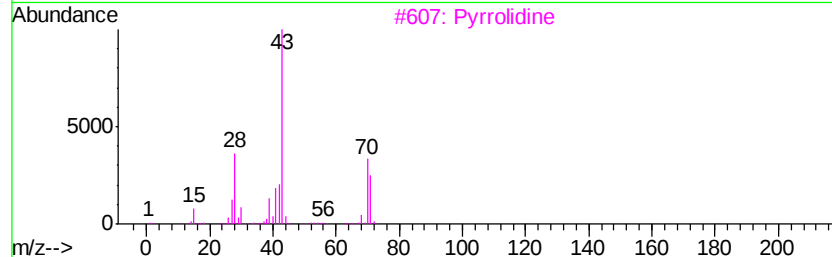
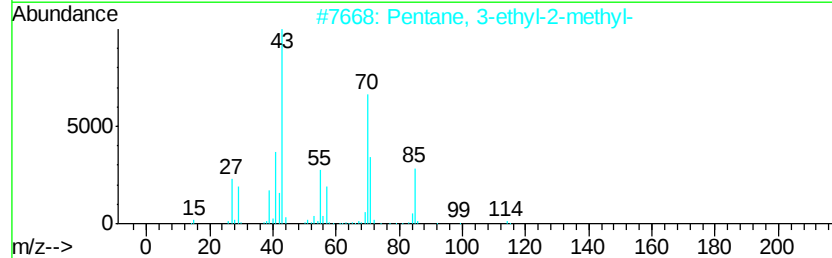
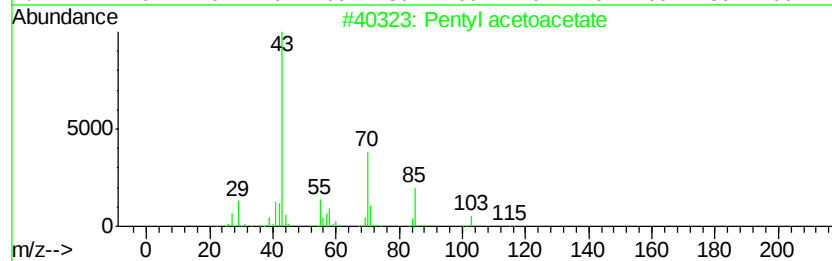
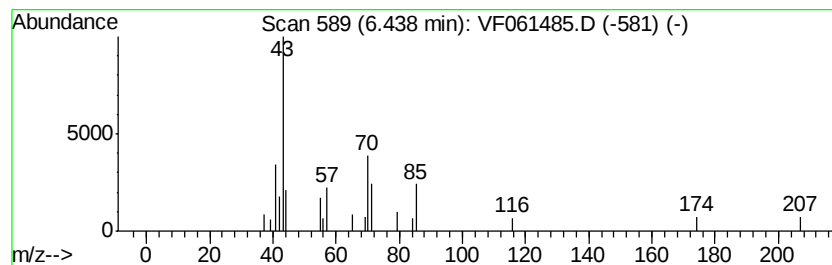
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	9.58 ug/l	18049	1,4-Difluorobenzene	5.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentyl acetoacetate	172	C9H16O3	006624-84-6	40
2		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	38
3		Pyrrolidine	71	C4H9N	000123-75-1	37
4		Octane	114	C8H18	000111-65-9	32
5		Nonane	128	C9H20	000111-84-2	23



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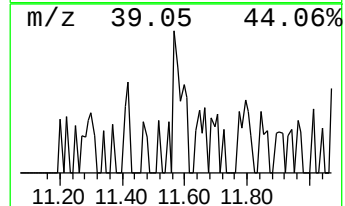
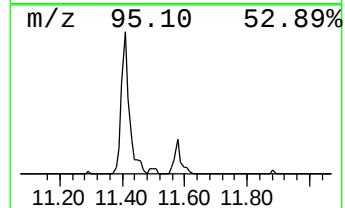
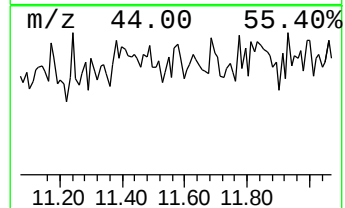
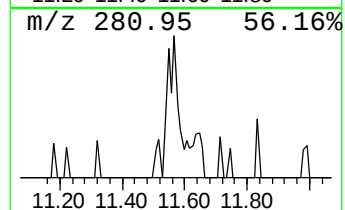
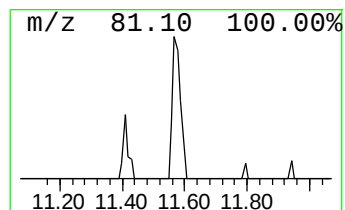
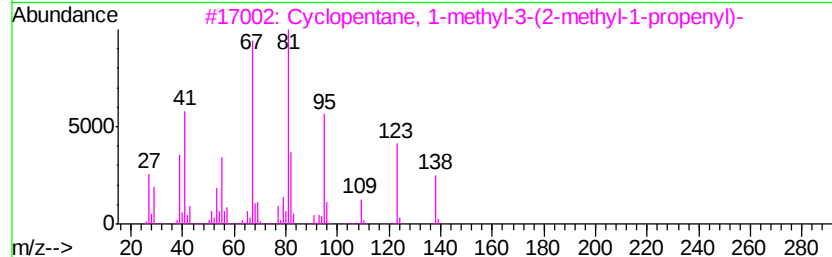
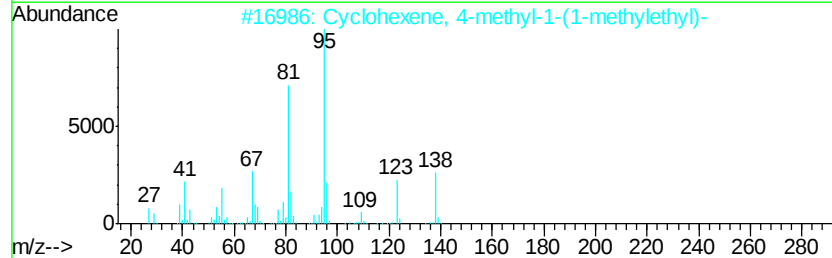
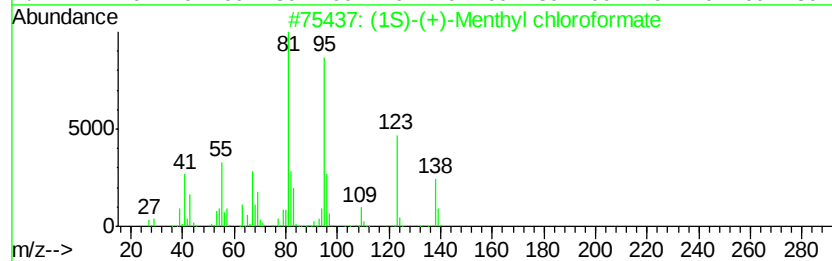
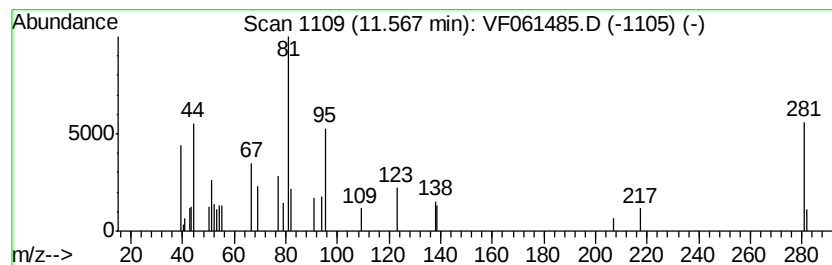
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown11.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	19.89 ug/l	14124	1,4-Dichlorobenzene-d4	12.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1S)-(+)-Menthyl chloroformate	218	C11H19ClO2	007635-54-3	43
2		Cyclohexene, 4-methyl-1-(1-methyl-...	138	C10H18	000500-00-5	43
3		Cyclopentane, 1-methyl-3-(2-methyl-...	138	C10H18	075873-01-7	37
4		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	27
5		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	27



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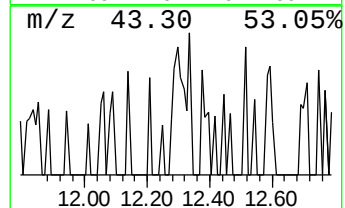
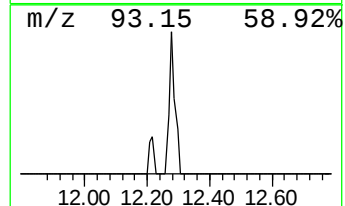
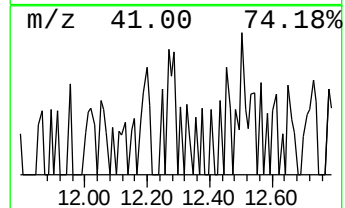
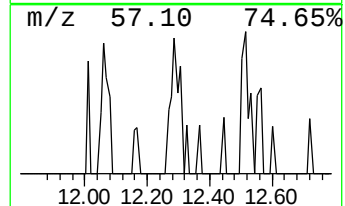
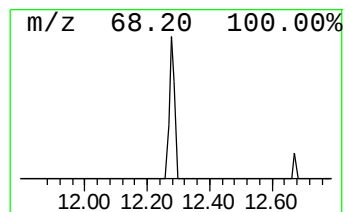
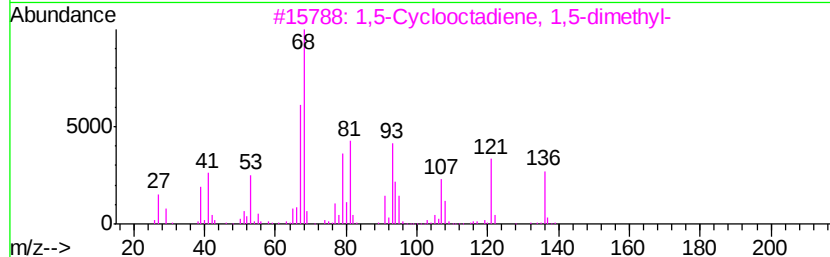
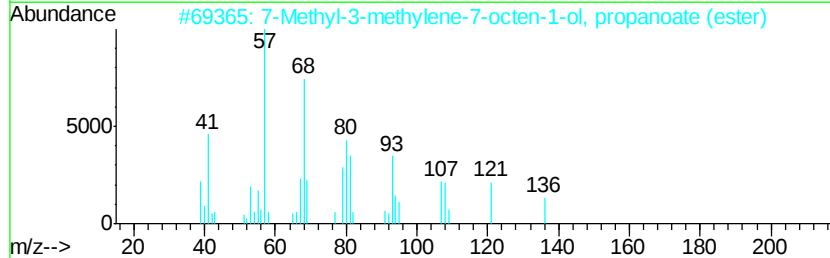
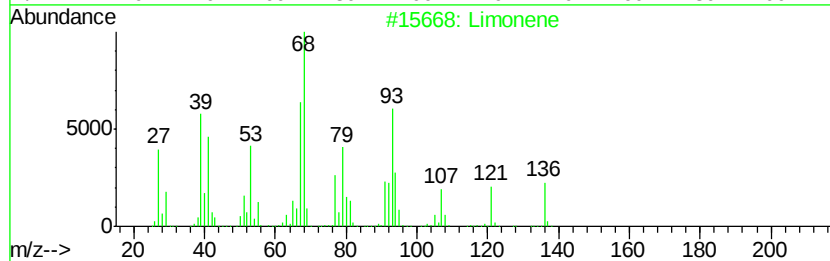
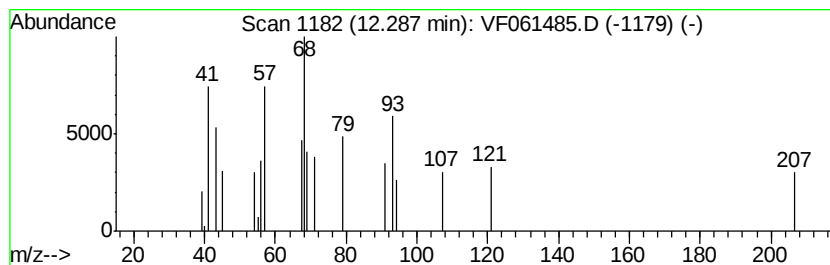
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.38 ug/l	5950	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Limonene		136 C10H16	000138-86-3 50
2	7-Methyl-3-methylene-7-octen-1-o...		210 C13H22O2	073214-63-8 50
3	1,5-Cyclooctadiene, 1,5-dimethyl-		136 C10H16	003760-14-3 42
4	1,5-Cyclooctadiene, 3-methyl-		122 C9H14	056564-88-6 40
5	D-Limonene		136 C10H16	005989-27-5 38



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_F\DATA\VF012319\
Data File : VF061485.D
Acq On : 23 Jan 2019 16:17
Operator : VA/AP
Sample : K1223-03
Misc : 5.46g/5mL/MSV0A-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSV0A_F
ClientSampleId :
TS-O

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_F\METHODS\82F011519S.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
unknown6.44	6.44	9.6	ug/l	18049	2	5.60	94187	50.0
unknown11.57	11.57	19.9	ug/l	14124	4	12.55	35510	50.0
Limonene	12.29	8.4	ug/l	5950	4	12.55	35510	50.0