

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009756.D
 Acq On : 06 Apr 2019 04:47
 Operator : SY/VA
 Sample : K2276-18
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF145

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_W\METHOD\SOM2WLM040319S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	7	9	11	rBV2	2211	1741	0.09%	0.011%
2	2.154	36	41	45	rBV2	14461	28235	1.45%	0.173%
3	2.361	64	75	88	rBV	98955	265169	13.63%	1.626%
4	2.739	136	137	139	rBV2	3182	1542	0.08%	0.009%
5	2.891	154	162	178	rVB	89015	250643	12.89%	1.537%
6	3.471	253	257	258	rBV4	2140	2393	0.12%	0.015%
7	3.855	314	320	323	rBV6	2350	4852	0.25%	0.030%
8	4.013	334	346	362	rBV2	192367	678941	34.91%	4.164%
9	4.306	391	394	398	rVB4	659	1033	0.05%	0.006%
10	4.391	398	408	417	rBV4	3853	12654	0.65%	0.078%
11	4.598	435	442	443	rBV2	6468	11060	0.57%	0.068%
12	4.696	453	458	463	rVB8	1607	4206	0.22%	0.026%
13	4.739	463	465	466	rBV2	1113	1108	0.06%	0.007%
14	4.757	466	468	470	rVV3	1238	1555	0.08%	0.010%
15	4.915	482	494	508	rBV3	15915	69723	3.58%	0.428%
16	5.007	508	509	513	rVB4	1696	1441	0.07%	0.009%
17	5.178	533	537	539	rBV3	812	1182	0.06%	0.007%
18	5.537	593	596	599	rVB4	929	1143	0.06%	0.007%
19	5.568	599	601	603	rBV2	964	910	0.05%	0.006%
20	5.684	617	620	622	rBV2	1042	989	0.05%	0.006%
21	5.921	652	659	669	rBV7	4857	14560	0.75%	0.089%
22	6.598	767	770	773	rVB3	1224	1308	0.07%	0.008%
23	6.689	783	785	787	rVB3	1146	903	0.05%	0.006%
24	7.074	839	848	857	rBV	65071	181912	9.35%	1.116%
25	7.354	892	894	897	rVB4	786	998	0.05%	0.006%
26	7.378	897	898	901	rBV2	937	1054	0.05%	0.006%
27	7.427	903	906	907	rVB3	1400	1266	0.07%	0.008%
28	7.537	921	924	929	rVB4	1149	1614	0.08%	0.010%
29	7.641	929	941	951	rBV	357313	857687	44.10%	5.260%
30	7.708	951	952	958	rVB7	1301	1306	0.07%	0.008%
31	7.756	958	960	964	rVB4	1016	1428	0.07%	0.009%
32	7.799	964	967	971	rBV4	1319	2026	0.10%	0.012%
33	7.909	983	985	986	rBV2	1607	1140	0.06%	0.007%
34	7.939	987	990	992	rVV3	2177	2859	0.15%	0.018%

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 Title : VOC Analysis

35	7.958	992	993	994	rVV	2681	1207	0.06%	0.007%
36	7.970	994	995	1000	rVB2	1971	2482	0.13%	0.015%
37	8.006	1000	1001	1005	rBV3	1193	1375	0.07%	0.008%
38	8.055	1008	1009	1012	rVB3	1093	993	0.05%	0.006%
39	8.275	1033	1045	1060	rBV2	639130	1945085	100.00%	11.929%
40	8.378	1060	1062	1063	rVV2	1626	1220	0.06%	0.007%
41	8.397	1063	1065	1069	rVB5	1159	1539	0.08%	0.009%
42	8.567	1089	1093	1094	rVB3	1070	1212	0.06%	0.007%
43	8.604	1094	1099	1101	rBV4	1103	2068	0.11%	0.013%
44	8.695	1111	1114	1116	rVB4	951	899	0.05%	0.006%
45	8.842	1129	1138	1151	rBV	549792	1079260	55.49%	6.619%
46	9.085	1174	1178	1185	rVV8	7481	16393	0.84%	0.101%
47	9.274	1200	1209	1218	rBV	448482	919709	47.28%	5.641%
48	9.390	1226	1228	1230	rBV3	1000	1164	0.06%	0.007%
49	9.524	1248	1250	1253	rBV3	1367	1303	0.07%	0.008%
50	9.561	1253	1256	1258	rBV4	967	1138	0.06%	0.007%
51	9.610	1261	1264	1267	rBV5	1187	1952	0.10%	0.012%
52	9.652	1267	1271	1275	rVV7	2481	3801	0.20%	0.023%
53	9.902	1308	1312	1314	rVB4	1791	1849	0.10%	0.011%
54	9.945	1317	1319	1321	rVB2	962	1038	0.05%	0.006%
55	9.969	1321	1323	1325	rBV3	1459	1406	0.07%	0.009%
56	10.030	1325	1333	1342	rBV	249654	451737	23.22%	2.771%
57	10.097	1342	1344	1346	rBV3	1334	1068	0.05%	0.007%
58	10.195	1356	1360	1361	rBV4	1220	1377	0.07%	0.008%
59	10.323	1372	1381	1389	rBV	905974	1606196	82.58%	9.851%
60	10.579	1416	1423	1433	rVV	172117	300235	15.44%	1.841%
61	10.701	1439	1443	1448	rBV2	8204	14532	0.75%	0.089%
62	10.859	1461	1469	1475	rBV	876551	1565304	80.47%	9.600%
63	10.927	1475	1480	1489	rVB	260527	446336	22.95%	2.737%
64	11.067	1501	1503	1506	rBV4	5716	7498	0.39%	0.046%
65	11.628	1588	1595	1604	rVB	850195	1431428	73.59%	8.779%
66	12.615	1751	1757	1761	rBV2	29306	53102	2.73%	0.326%
67	12.695	1763	1770	1780	rVB	406702	683421	35.14%	4.191%
68	12.884	1793	1801	1802	rBV5	15324	34365	1.77%	0.211%
69	13.329	1864	1874	1875	rBV10	35066	75324	3.87%	0.462%
70	13.469	1893	1897	1906	rVB8	35859	89288	4.59%	0.548%
71	13.560	1906	1912	1919	rVB	865225	1362955	70.07%	8.359%

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72	13.652	1923	1927	1932	rBV6	11350	16659	0.86%	0.102%
73	13.853	1954	1960	1968	rBV	861677	1402778	72.12%	8.603%
74	14.078	1991	1997	2008	rVB2	34333	75638	3.89%	0.464%
75	14.334	2034	2039	2044	rVB9	8905	15331	0.79%	0.094%
76	14.530	2066	2071	2079	rVB3	22535	43592	2.24%	0.267%
77	14.664	2091	2093	2094	rBV2	2655	2225	0.11%	0.014%
78	14.767	2107	2110	2111	rBV3	5022	6130	0.32%	0.038%
79	15.097	2155	2164	2166	rBV3	15302	37107	1.91%	0.228%
80	15.176	2175	2177	2178	rBV2	3397	3294	0.17%	0.020%
81	15.261	2186	2191	2201	rBV2	8547	24562	1.26%	0.151%
82	15.359	2204	2207	2209	rBV4	3236	4108	0.21%	0.025%
83	15.414	2214	2216	2217	rVV2	4304	3771	0.19%	0.023%
84	15.444	2218	2221	2225	rVV5	7353	13623	0.70%	0.084%
85	15.511	2225	2232	2239	rVB5	16155	44375	2.28%	0.272%
86	15.639	2245	2253	2261	rBV6	8438	30485	1.57%	0.187%
87	15.804	2277	2280	2285	rVB6	5294	8444	0.43%	0.052%
88	15.852	2285	2288	2292	rBV6	2950	5213	0.27%	0.032%
89	15.889	2292	2294	2298	rVB5	2647	2479	0.13%	0.015%
90	15.968	2302	2307	2313	rBV10	5620	13685	0.70%	0.084%
91	16.090	2323	2327	2330	rBV6	2041	2455	0.13%	0.015%
92	16.139	2330	2335	2336	rBV5	3804	5555	0.29%	0.034%
93	16.237	2348	2351	2353	rBV4	1022	1074	0.06%	0.007%
94	16.291	2358	2360	2363	rBV4	1313	1370	0.07%	0.008%
95	16.365	2370	2372	2374	rBV3	2157	2186	0.11%	0.013%
96	16.462	2383	2388	2389	rBV5	2466	4071	0.21%	0.025%
97	16.480	2389	2391	2399	rVB8	3131	6397	0.33%	0.039%
98	16.651	2416	2419	2421	rBV3	1899	2789	0.14%	0.017%
99	16.700	2426	2427	2431	rVB4	2295	1680	0.09%	0.010%
100	16.743	2431	2434	2435	rBV2	2273	2144	0.11%	0.013%

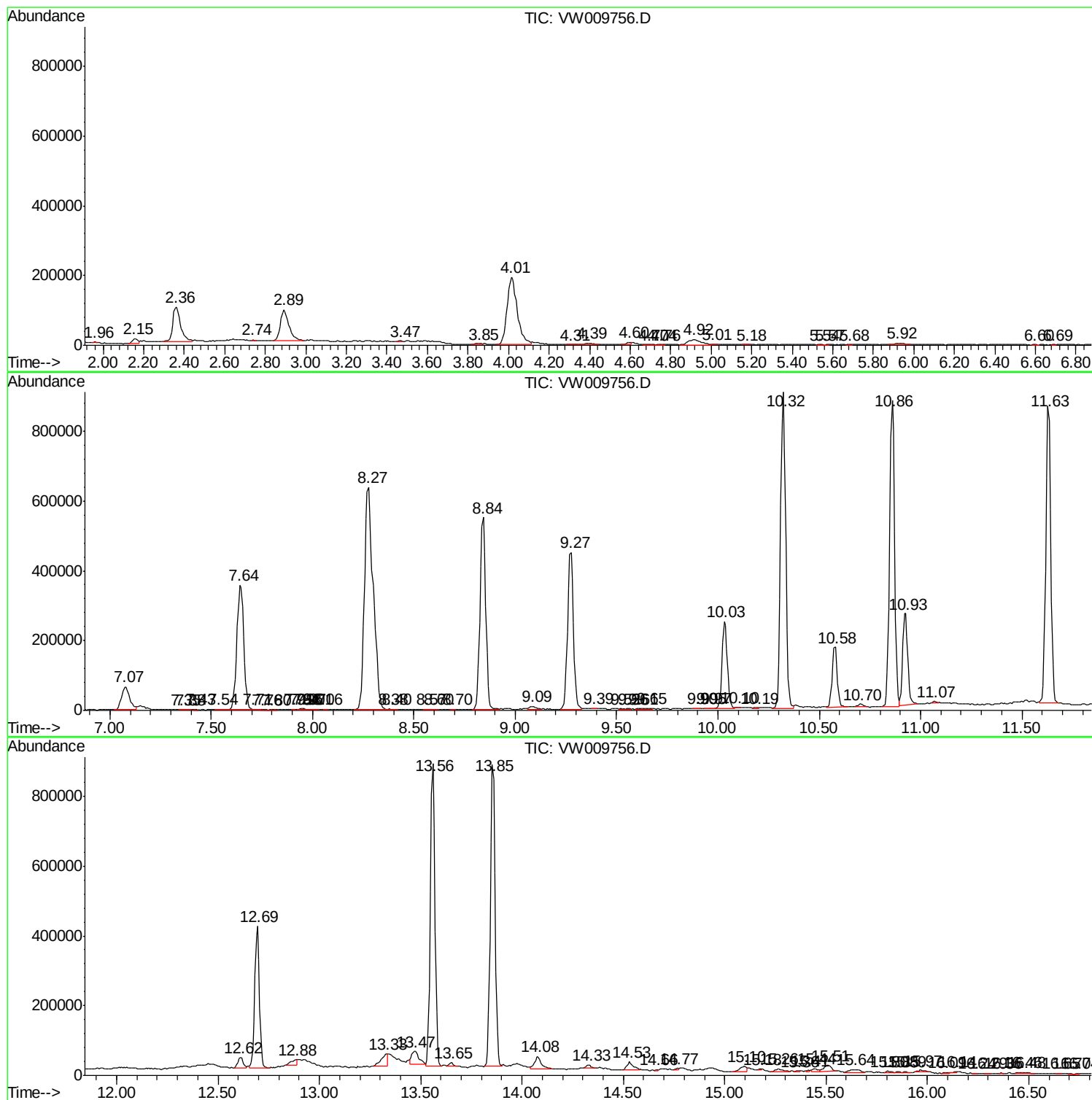
Sum of corrected areas: 16305060

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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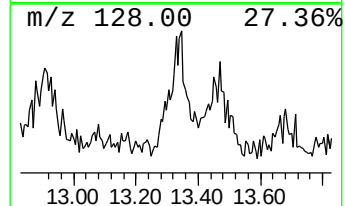
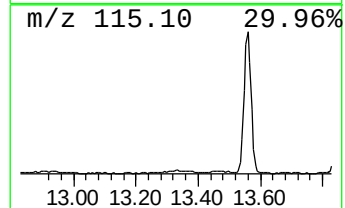
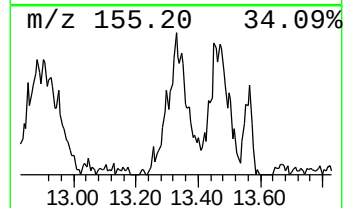
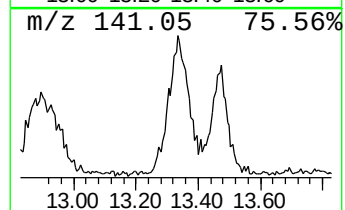
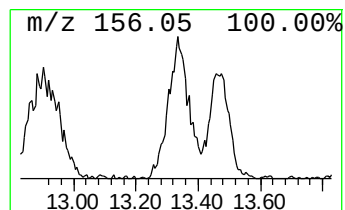
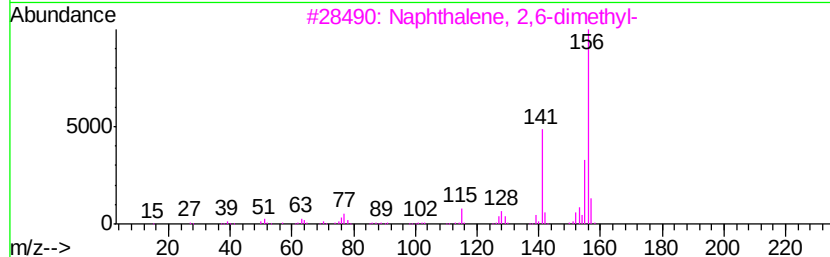
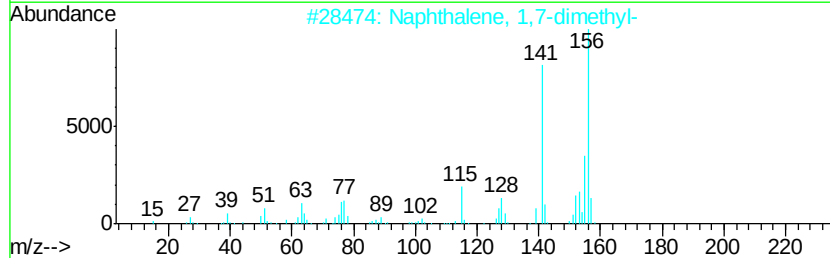
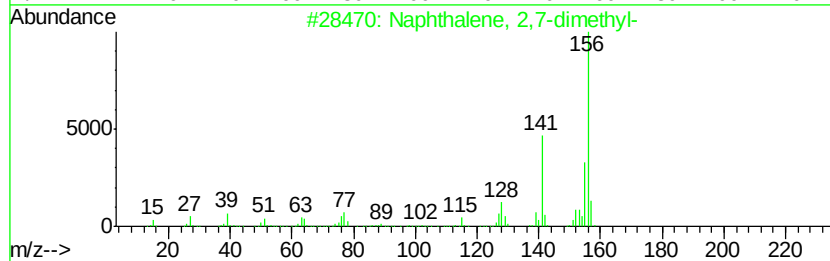
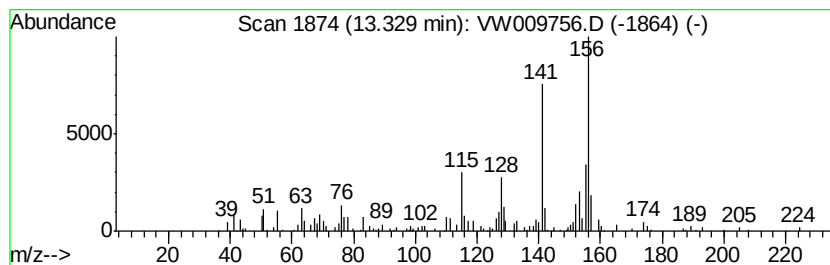
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	1.38 ug/L	75324	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 90
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 90
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 87
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 87



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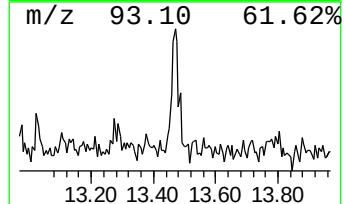
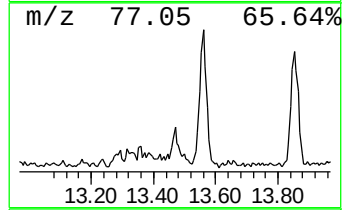
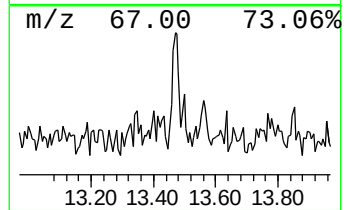
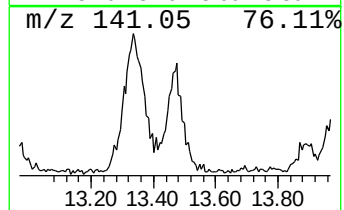
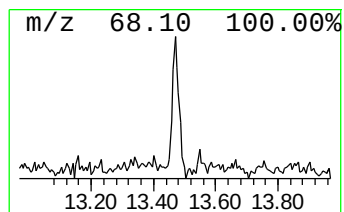
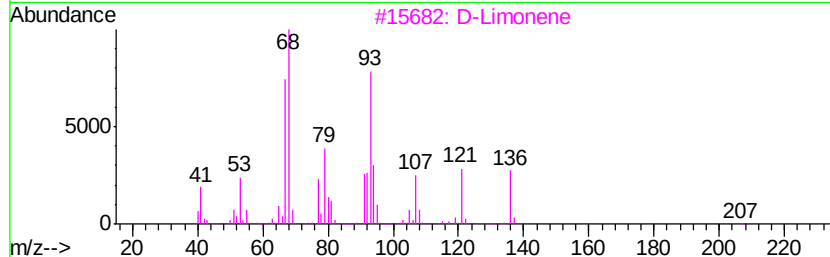
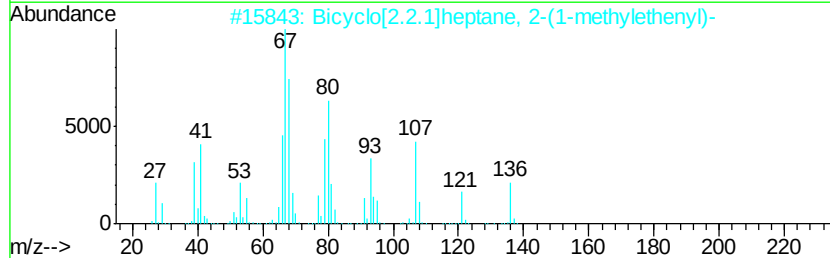
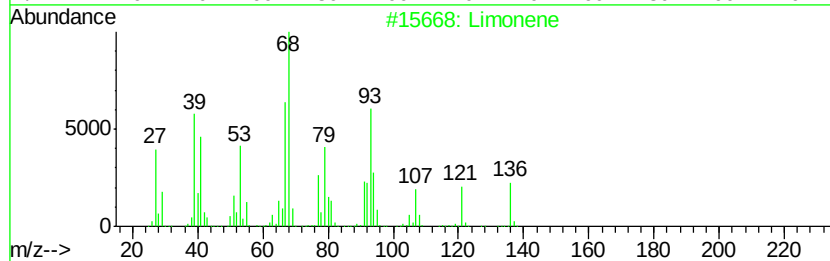
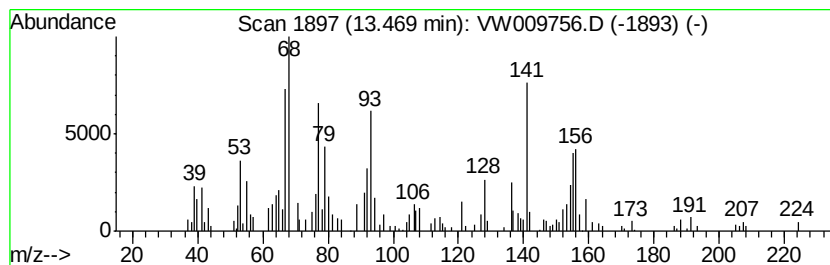
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.64 ug/L	89288	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Limonene	136	C10H16	000138-86-3	30
2		Bicyclo[2.2.1]heptane, 2-(1-meth...	136	C10H16	017989-76-3	18
3		D-Limonene	136	C10H16	005989-27-5	18
4		Limonene	136	C10H16	000138-86-3	15
5		Bicyclo[4.1.0]heptane, 7,7-dibromo-	252	C7H10Br2	002415-79-4	14



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,7-...	13.33	1.4	ug/L	75324	3	13.56	1362960	25.0
unknown-01	13.47	1.6	ug/L	89288	3	13.56	1362960	25.0