

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002797.D
 Acq On : 22 May 2018 21:34
 Operator : JC/SY
 Sample : J2952-11
 Misc : 5.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.630	4	7	9	rBV2	419	470	0.02%	0.006%
2	1.654	9	11	15	rBV2	550	656	0.03%	0.008%
3	1.740	22	25	27	rBV	4713	6234	0.24%	0.073%
4	1.807	28	36	52	rVB	1191817	2595706	100.00%	30.540%
5	2.160	90	94	95	rBV2	3385	4058	0.16%	0.048%
6	2.343	119	124	134	rVB	60949	110689	4.26%	1.302%
7	2.886	208	213	225	rVB	37889	102125	3.93%	1.202%
8	4.001	386	396	411	rBV2	65988	231896	8.93%	2.728%
9	4.343	450	452	453	rBV	552	327	0.01%	0.004%
10	4.404	460	462	467	rVB5	1001	1163	0.04%	0.014%
11	4.843	532	534	536	rBV2	632	504	0.02%	0.006%
12	4.904	538	544	545	rBV4	2725	4570	0.18%	0.054%
13	5.044	565	567	571	rBV3	548	551	0.02%	0.006%
14	5.093	571	575	576	rBV3	552	643	0.02%	0.008%
15	5.172	586	588	591	rVV	591	424	0.02%	0.005%
16	5.330	612	614	617	rBV3	452	378	0.01%	0.004%
17	5.422	626	629	630	rBV2	699	926	0.04%	0.011%
18	5.471	635	637	640	rVV2	428	536	0.02%	0.006%
19	5.495	640	641	643	rVB2	616	366	0.01%	0.004%
20	5.587	652	656	659	rBV3	800	1200	0.05%	0.014%
21	5.611	659	660	663	rVV3	568	431	0.02%	0.005%
22	5.873	701	703	705	rBV2	427	358	0.01%	0.004%
23	5.897	705	707	708	rBV2	1122	939	0.04%	0.011%
24	6.007	723	725	727	rBV2	345	350	0.01%	0.004%
25	6.044	729	731	733	rBV2	380	344	0.01%	0.004%
26	6.093	737	739	740	rBV	513	426	0.02%	0.005%
27	6.410	790	791	793	rBV2	609	476	0.02%	0.006%
28	6.470	800	801	805	rBV3	382	388	0.01%	0.005%
29	6.550	810	814	815	rVB3	417	428	0.02%	0.005%
30	6.641	827	829	835	rVB3	355	448	0.02%	0.005%
31	6.861	862	865	871	rBV5	562	1274	0.05%	0.015%
32	6.940	875	878	880	rBV2	570	530	0.02%	0.006%
33	7.086	894	902	908	rBV	33463	92903	3.58%	1.093%
34	7.348	942	945	947	rBV3	713	676	0.03%	0.008%

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 Title : VOC Analysis

35	7.373	947	949	950	rBV	692	546	0.02%	0.006%
36	7.415	954	956	957	rBV2	547	461	0.02%	0.005%
37	7.647	985	994	1007	rVB	134208	311463	12.00%	3.665%
38	7.769	1011	1014	1018	rVB4	792	1169	0.05%	0.014%
39	7.824	1018	1023	1027	rBV4	713	1338	0.05%	0.016%
40	7.873	1027	1031	1035	rVB3	821	1008	0.04%	0.012%
41	7.909	1035	1037	1039	rVB2	503	384	0.01%	0.005%
42	7.934	1039	1041	1042	rBV2	1133	976	0.04%	0.011%
43	8.007	1051	1053	1055	rBV	460	433	0.02%	0.005%
44	8.025	1055	1056	1060	rVB3	582	576	0.02%	0.007%
45	8.275	1088	1097	1112	rBV2	224909	704959	27.16%	8.294%
46	8.757	1174	1176	1177	rBV2	417	319	0.01%	0.004%
47	8.848	1183	1191	1200	rBV	304186	601551	23.17%	7.078%
48	9.043	1218	1223	1226	rBV4	1812	3119	0.12%	0.037%
49	9.165	1240	1243	1245	rVB3	646	664	0.03%	0.008%
50	9.281	1254	1262	1273	rBV	170243	343951	13.25%	4.047%
51	9.421	1283	1285	1289	rBV	580	665	0.03%	0.008%
52	9.525	1300	1302	1304	rVB3	611	516	0.02%	0.006%
53	9.732	1334	1336	1337	rBV2	498	349	0.01%	0.004%
54	9.750	1337	1339	1342	rVV3	668	818	0.03%	0.010%
55	9.952	1370	1372	1374	rBV3	521	516	0.02%	0.006%
56	10.037	1380	1386	1396	rVB	69604	128052	4.93%	1.507%
57	10.110	1396	1398	1400	rVB3	758	573	0.02%	0.007%
58	10.134	1400	1402	1407	rVB5	955	1269	0.05%	0.015%
59	10.189	1410	1411	1412	rBV	743	324	0.01%	0.004%
60	10.220	1412	1416	1417	rBV2	1184	1436	0.06%	0.017%
61	10.330	1427	1434	1441	rBV	311277	542127	20.89%	6.378%
62	10.586	1470	1476	1483	rVB	51700	88368	3.40%	1.040%
63	10.714	1494	1497	1501	rBV4	1870	2796	0.11%	0.033%
64	10.811	1504	1513	1516	rBV5	5988	17083	0.66%	0.201%
65	10.933	1527	1533	1544	rBV	125682	237123	9.14%	2.790%
66	11.640	1642	1649	1658	rVB	388738	660403	25.44%	7.770%
67	12.378	1766	1770	1777	rVB3	7983	14101	0.54%	0.166%
68	12.482	1781	1787	1793	rVB	38552	66783	2.57%	0.786%
69	12.701	1816	1823	1838	rBV2	183343	449380	17.31%	5.287%
70	12.866	1848	1850	1852	rBV2	599	473	0.02%	0.006%
71	12.969	1858	1867	1871	rBV7	5437	13188	0.51%	0.155%

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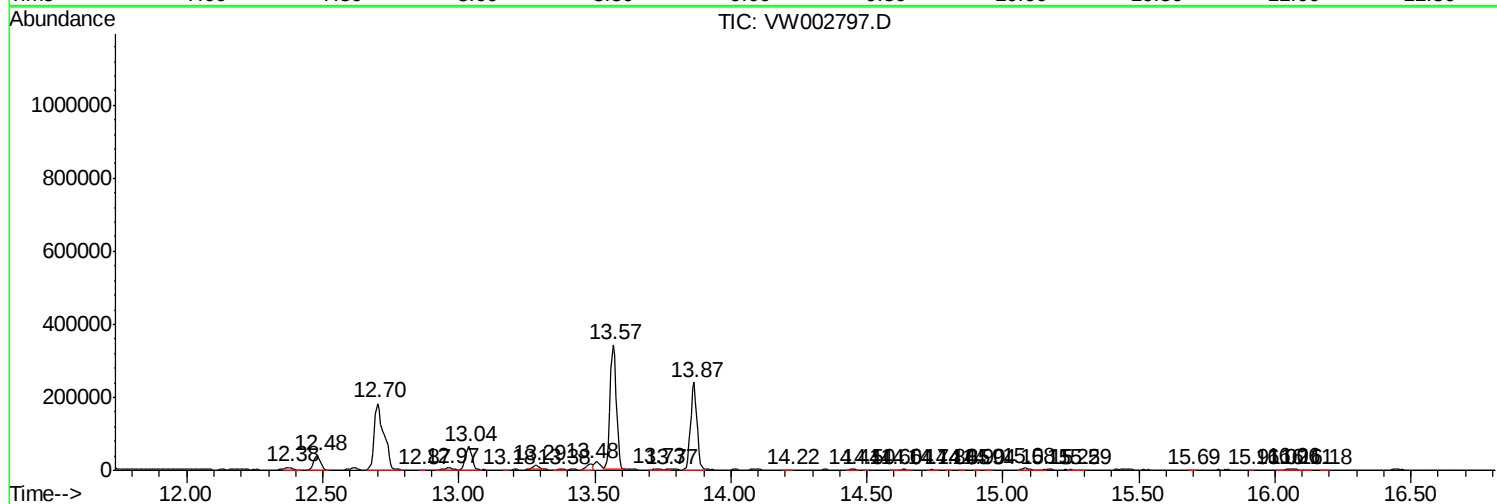
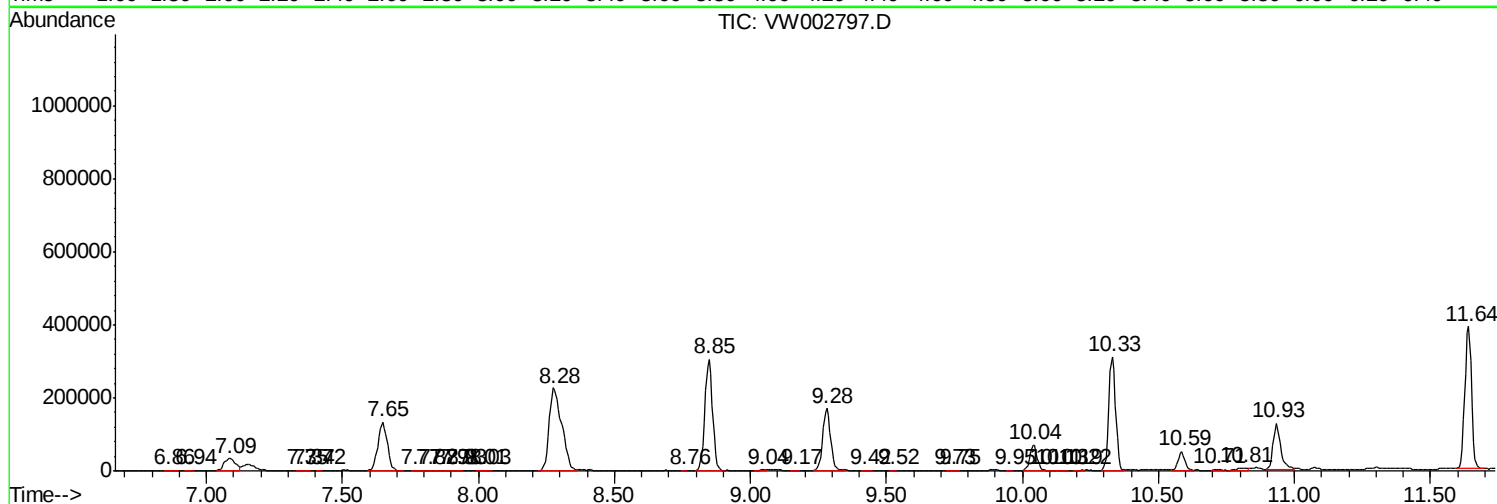
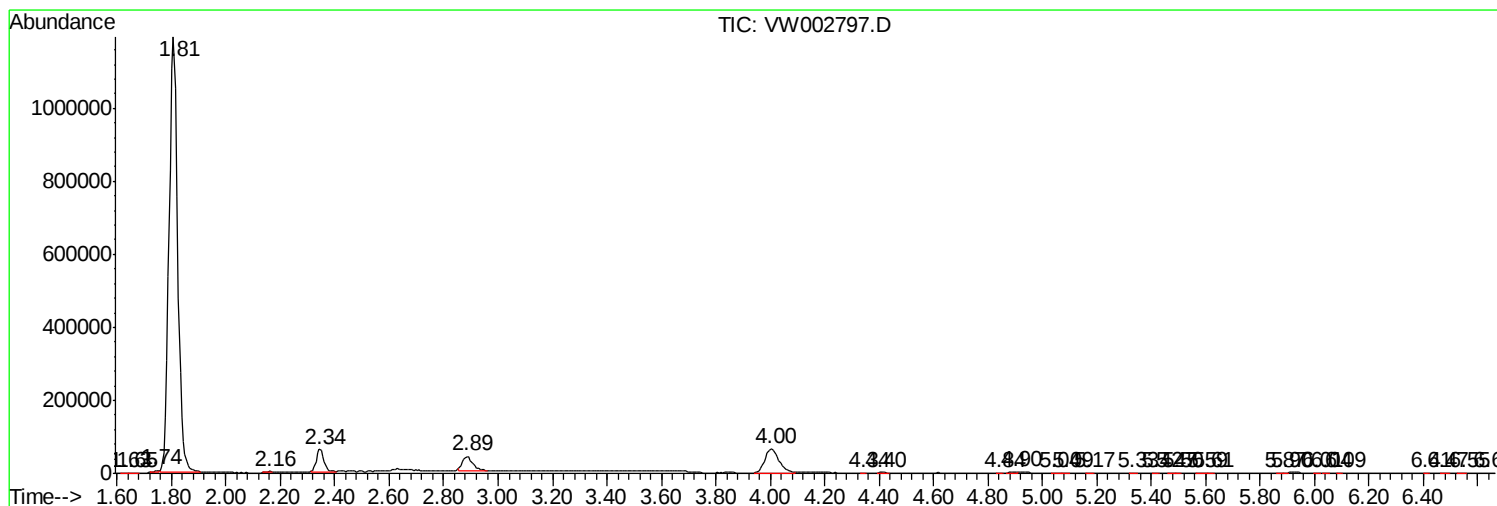
72	13.036	1872	1878	1886	rVV2	64491	106568	4.11%	1.254%
73	13.177	1899	1901	1902	rBV2	688	512	0.02%	0.006%
74	13.286	1914	1919	1924	rVB3	11999	18976	0.73%	0.223%
75	13.378	1929	1934	1937	rBV6	2050	3433	0.13%	0.040%
76	13.481	1946	1951	1953	rBV2	16444	27173	1.05%	0.320%
77	13.567	1959	1965	1972	rVB	341795	547953	21.11%	6.447%
78	13.725	1987	1991	1996	rBV5	3412	5976	0.23%	0.070%
79	13.774	1996	1999	2000	rBV3	1500	1966	0.08%	0.023%
80	13.866	2007	2014	2021	rBV	238733	395316	15.23%	4.651%
81	14.219	2067	2072	2073	rBV3	834	1056	0.04%	0.012%
82	14.445	2106	2109	2113	rBV2	1317	1829	0.07%	0.022%
83	14.500	2116	2118	2119	rBV2	709	454	0.02%	0.005%
84	14.597	2132	2134	2137	rBV3	460	418	0.02%	0.005%
85	14.640	2137	2141	2145	rVB4	1523	1822	0.07%	0.021%
86	14.737	2154	2157	2161	rBV4	1192	1618	0.06%	0.019%
87	14.798	2165	2167	2169	rBV3	397	384	0.01%	0.005%
88	14.847	2174	2175	2177	rBV2	511	408	0.02%	0.005%
89	14.902	2182	2184	2186	rBV2	564	467	0.02%	0.005%
90	14.938	2189	2190	2194	rVB4	511	473	0.02%	0.006%
91	15.085	2209	2214	2222	rVB8	4679	8638	0.33%	0.102%
92	15.152	2222	2225	2226	rBV2	1209	995	0.04%	0.012%
93	15.249	2239	2241	2246	rVB4	1152	1576	0.06%	0.019%
94	15.292	2246	2248	2249	rBV2	624	415	0.02%	0.005%
95	15.694	2312	2314	2316	rBV2	808	711	0.03%	0.008%
96	15.914	2349	2350	2351	rBV	808	424	0.02%	0.005%
97	16.018	2365	2367	2370	rBV2	590	478	0.02%	0.006%
98	16.060	2370	2374	2381	rVB7	2929	5522	0.21%	0.065%
99	16.109	2381	2382	2386	rBV3	517	465	0.02%	0.005%
100	16.176	2391	2393	2397	rVB3	537	699	0.03%	0.008%

Sum of corrected areas: 8499378

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Quant Title : VOC Analysis

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TIC Library      : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P
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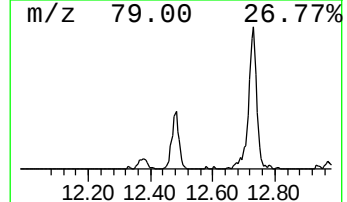
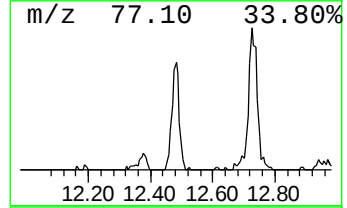
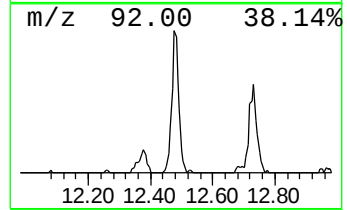
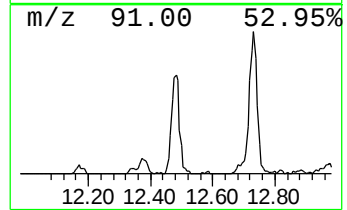
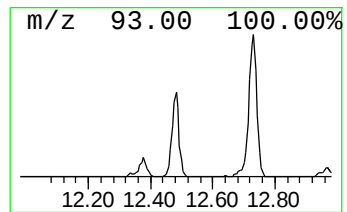
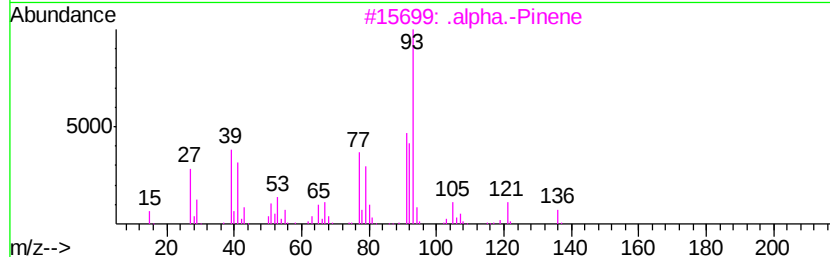
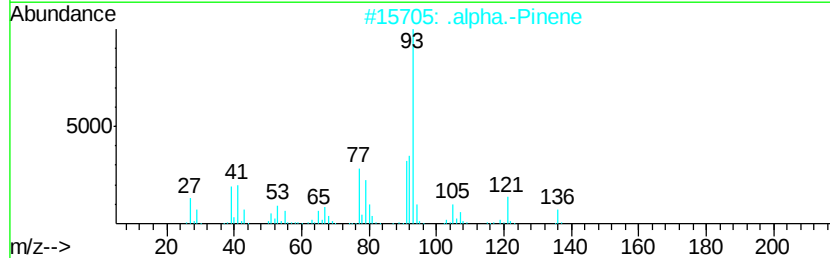
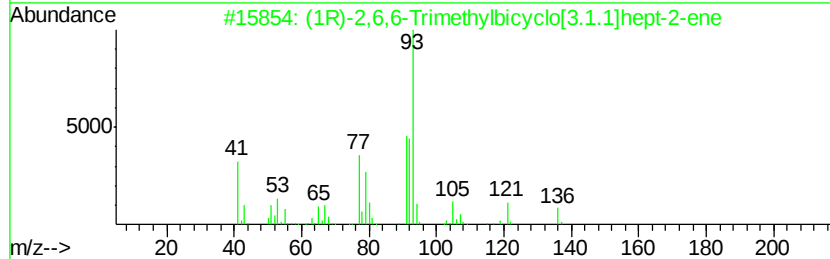
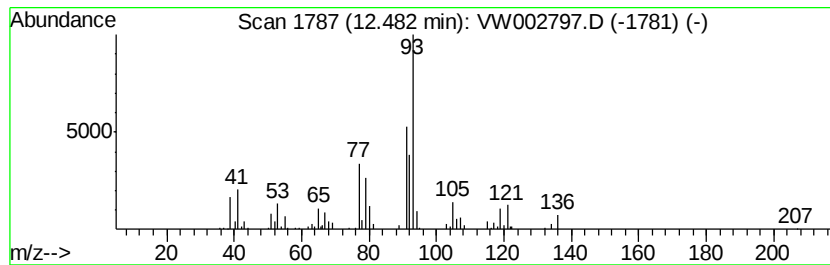
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.53 ug/L	66783	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	93
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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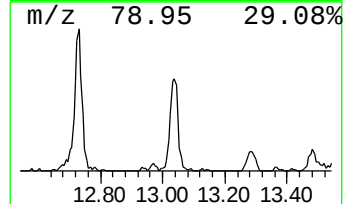
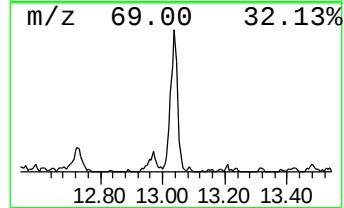
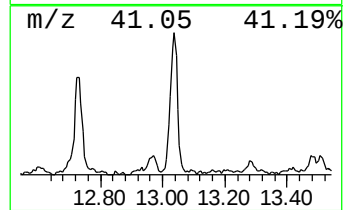
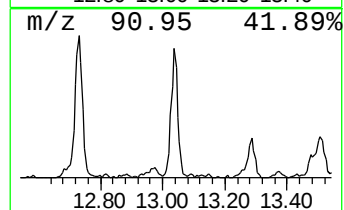
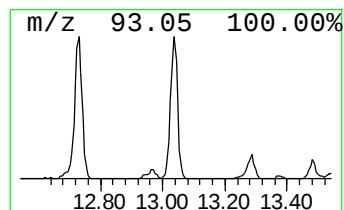
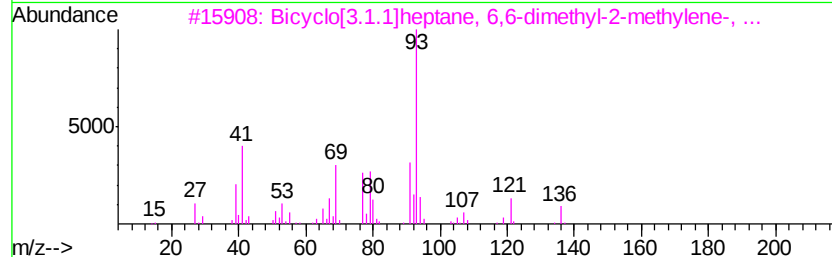
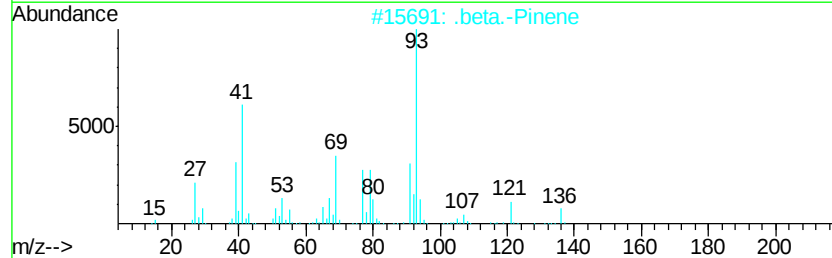
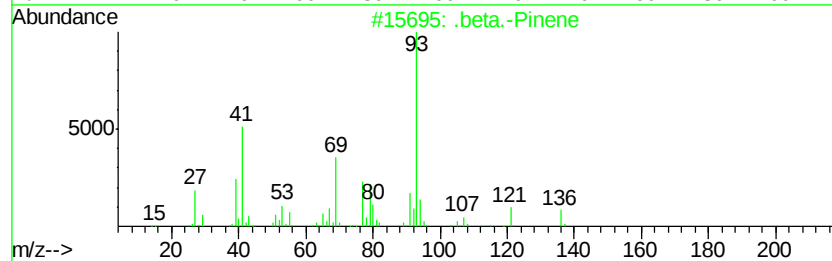
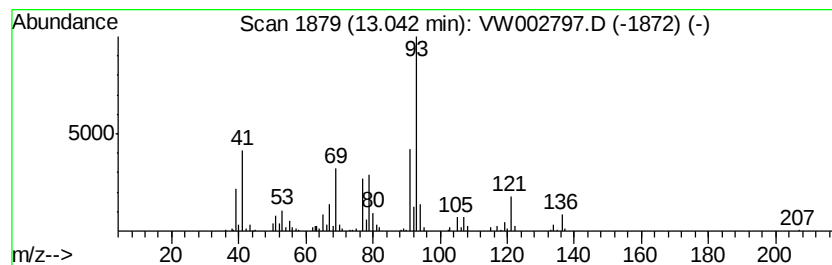
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 4 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.86 ug/L	106568	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Pinene	136	C10H16	000127-91-3	97
2		.beta.-Pinene	136	C10H16	000127-91-3	97
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.48	2.5	ug/L	66783	2	11.64	660403	25.0
.beta.-Pinene	13.04	4.9	ug/L	106568	3	13.57	547953	25.0