LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	1.642	7	9	11	rVV2	775	777	0.02%	0.007%
2	1.746	19	26	27	rVV	5863	8926	0.23%	0.077%
3	1.807	27	36	57	rVV	1799294	3833067	100.00%	33.271%
4	1.953	57	60	69	rVB3	5930	11843	0.31%	0.103%
5	2.081	79	81	86	rVB3	662	898	0.02%	0.008%
6	2.154	88	93	95	rBV4	2707	4034	0.11%	0.035%
7	2.343	118	124	133	rVB	65673	120240	3.14%	1.044%
8	2.618	167	169	170	rBV	3844	2989	0.08%	0.026%
9	2.886	206	213	227	rVB	41601	119532	3.12%	1.038%
10	3.502	313	314	316	rVB2	1789	928	0.02%	0.008%
11	3.825	363	367	368	rBV2	881	1158	0.03%	0.010%
12	3.916	380	382	384	rBV2	773	641	0.02%	0.006%
13	4.001	386	396	411	rVV	73320	256792	6.70%	2.229%
14	4.130	411	417	426	rVV2	7398	21091	0.55%	0.183%
15	4.197	426	428	430	rVV3	838	795	0.02%	0.007%
16	4.404	459	462	466	rVB5	1557	1974	0.05%	0.017%
17	4.587	487	492	497	rBV5	766	1614	0.04%	0.014%
18	4.898	536	543	545	rBV5	3195	6044	0.16%	0.052%
19	5.074	568	572	573	rBV4	759	934	0.02%	0.008%
20	5.117	576	579	581	rVV4	754	1070	0.03%	0.009%
21	5.160	584	586	589	rVV2	540	647	0.02%	0.006%
22	5.733	677	680	682	rBV2	833	1110	0.03%	0.010%
23	5.910	704	709	711	rBV4	2084	3210	0.08%	0.028%
24	6.105	737	741	743	rBV3	801	1214	0.03%	0.011%
25	6.123	743	744	748	rVB2	904	804	0.02%	0.007%
26	6.215	755	759	760	rBV2	728	800	0.02%	0.007%
27	6.416	789	792	795	rBV4	616	766	0.02%	0.007%
28	6.721	839	842	846	rVB3	516	790	0.02%	0.007%
29	6.910	872	873	876	rVB2	1061	723	0.02%	0.006%
30	6.934	876	877	880	rBV	703	640	0.02%	0.006%
31	7.086	891	902	909	rBV2	36575	112720	2.94%	0.978%
32	7.385	949	951	953	rBV3	626	636	0.02%	0.006%
33	7.416	953	956	957	rBV3	679	661	0.02%	0.006%
34	7.525	968	974	983	rVB9	2107	6216	0.16%	0.054%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	7.647	983	994	1010	rVB	150059	367126	9.58%	3.187%
36	7.763	1010	1013	1015	rBV4	747	834	0.02%	0.007%
37	7.934	1039	1041	1046	rBV4	588	983	0.03%	0.009%
38	8.153	1073	1077	1079	rBV3	486	630	0.02%	0.005%
39	8.281	1086	1098	1115	rBV2	263590	832114	21.71%	7.223%
40	8.635	1152	1156	1158	rBV5	1294	1806	0.05%	0.016%
41	8.684	1162	1164	1165	rBV2	963	919	0.02%	0.008%
42	8.848	1180	1191	1205	rBV	267924	532661	13.90%	4.623%
43	8.952	1205	1208	1210	rBV3	919	937	0.02%	0.008%
44	9.049	1218	1224	1225	rBV4	1589	2468	0.06%	0.021%
45	9.177	1243	1245	1248	rBV3	531	634	0.02%	0.006%
46	9.281	1252	1262	1272	rBV	209709	426850	11.14%	3.705%
47	9.757	1338	1340	1343	rBV3	676	903	0.02%	0.008%
48	9.885	1358	1361	1362	rBV2	1617	1435	0.04%	0.012%
49	9.958	1369	1373	1375	rBV2	462	621	0.02%	0.005%
50	10.037	1377	1386	1394	rVV	79379	149872	3.91%	1.301%
51	10.128	1398	1401	1406	rVB4	1161	1508	0.04%	0.013%
52	10.214	1412	1415	1417	rBV2	1586	1824	0.05%	0.016%
53	10.330	1426	1434	1442	rBV	336990	584265	15.24%	5.071%
54	10.580	1469	1475	1482	rBV	50385	89652	2.34%	0.778%
55	10.714	1492	1497	1501	rBV2	4125	6898	0.18%	0.060%
56	10.823	1506	1515	1516	rBV4	5487	13366	0.35%	0.116%
57	10.933	1527	1533	1551	rVV4	128363	278675	7.27%	2.419%
58	11.073	1552	1556	1563	rVB3	7117	11341	0.30%	0.098%
59	11.634	1642	1648	1658	rVB	277435	479813	12.52%	4.165%
60	11.933	1695	1697	1698	rBV2	1151	809	0.02%	0.007%
61	12.152	1731	1733	1735	rBV3	748	716	0.02%	0.006%
62	12.378	1766	1770	1775	rBV7	2596	4298	0.11%	0.037%
63	12.482	1779	1787	1796	rBV	327475	537462	14.02%	4.665%
64	12.622	1799	1810	1815	rVB5	5235	14200	0.37%	0.123%
65	12.701	1815	1823	1834	rBV	163731	320532	8.36%	2.782%
66	12.969	1858	1867	1871	rBV7	9486	21040	0.55%	0.183%
67	13.036	1871	1878	1888	rBV	1079075	1694985	44.22%	14.712%
68	13.366	1928	1932	1937	rBV7	1569	2312	0.06%	0.020%
69	13.414	1937	1940	1946	rVB6	1722	3000	0.08%	0.026%
70	13.482	1946	1951	1959	rBV2	24395	42422	1.11%	0.368%
71	13.567	1959	1965	1973	rVB	174076	275374	7.18%	2.390%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	13.713	1986	1989	1990	rBV3	864	810	0.02%	0.007%
73	13.774	1995	1999	2002	rVV4	1719	2976	0.08%	0.026%
74	13.866	2007	2014	2021	rVV	151196	250269	6.53%	2.172%
75	13.920	2021	2023	2026	rVB3	1393	1499	0.04%	0.013%
76	14.012	2035	2038	2045	rVB7	2734	4629	0.12%	0.040%
77	14.091	2047	2051	2054	rVB3	2357	3211	0.08%	0.028%
78	14.152	2059	2061	2065	rBV3	772	895	0.02%	0.008%
79	14.244	2073	2076	2078	rVB3	904	1045	0.03%	0.009%
80	14.268	2078	2080	2082	rBV	978	925	0.02%	0.008%
81	14.353	2090	2094	2097	rVB4	1344	2100	0.05%	0.018%
82	14.445	2107	2109	2113	rVB4	801	807	0.02%	0.007%
83	14.518	2118	2121	2122	rBV3	718	908	0.02%	0.008%
84	14.628	2137	2139	2142	rVB3	622	686	0.02%	0.006%
85	14.737	2156	2157	2159	rVB2	1258	770	0.02%	0.007%
86	14.920	2184	2187	2191	rVB4	555	822	0.02%	0.007%
87	15.012	2200	2202	2206	rBV3	628	879	0.02%	0.008%
88	15.103	2212	2217	2218	rBV4	517	772	0.02%	0.007%
89	15.176	2227	2229	2233	rVB5	1149	1402	0.04%	0.012%
90	15.390	2261	2264	2266	rBV3	828	1138	0.03%	0.010%
91	15.457	2271	2275	2279	rVB4	3173	5199	0.14%	0.045%
92	15.566	2291	2293	2297	rBV4	498	802	0.02%	0.007%
93	15.792	2328	2330	2333	rVV3	877	1074	0.03%	0.009%
94	15.835	2335	2337	2341	rVV4	862	935	0.02%	0.008%
95	16.005	2364	2365	2369	rVV2	658	721	0.02%	0.006%
96	16.042	2369	2371	2373	rVB3	895	728	0.02%	0.006%
97	16.073	2373	2376	2379	rBV4	502	947	0.02%	0.008%
98	16.146	2387	2388	2392	rVB3	833	727	0.02%	0.006%
99	16.322	2415	2417	2419	rBV3	612	694	0.02%	0.006%
100	16.560	2454	2456	2460	rVB6	642	968	0.03%	0.008%

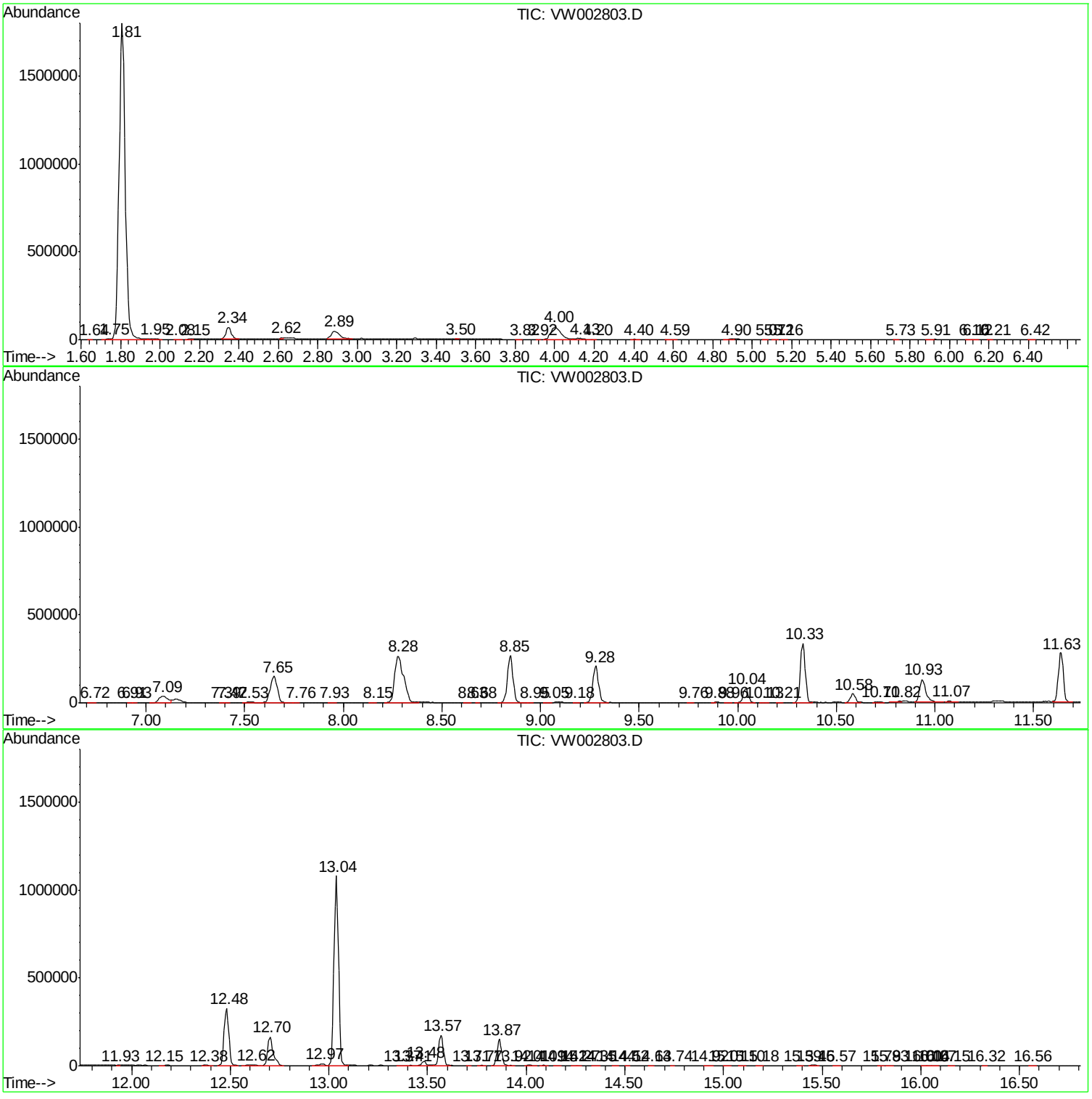
Sum of corrected areas: 11520907

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

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



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

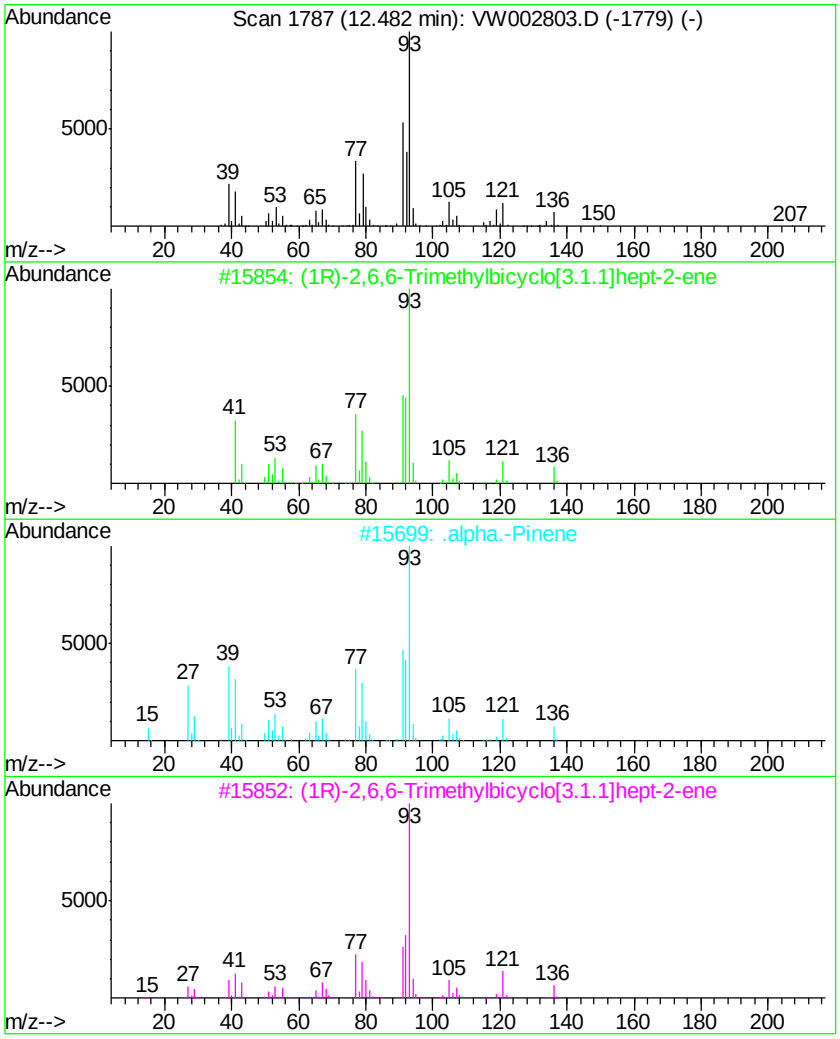
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

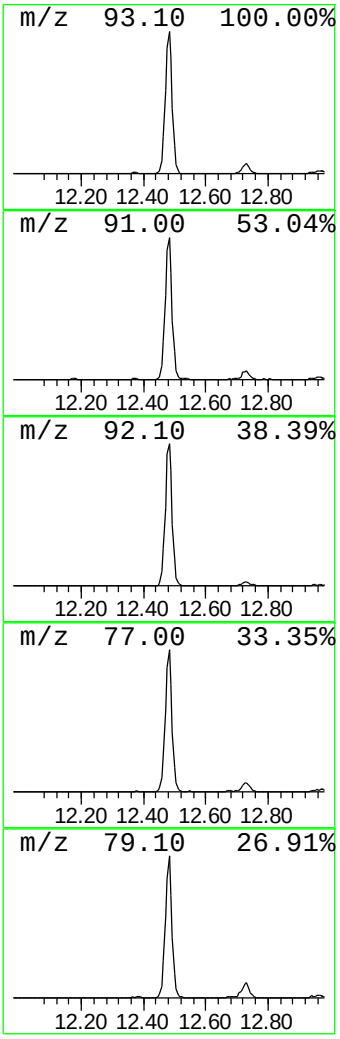
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	28.00 ug/L	537462	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

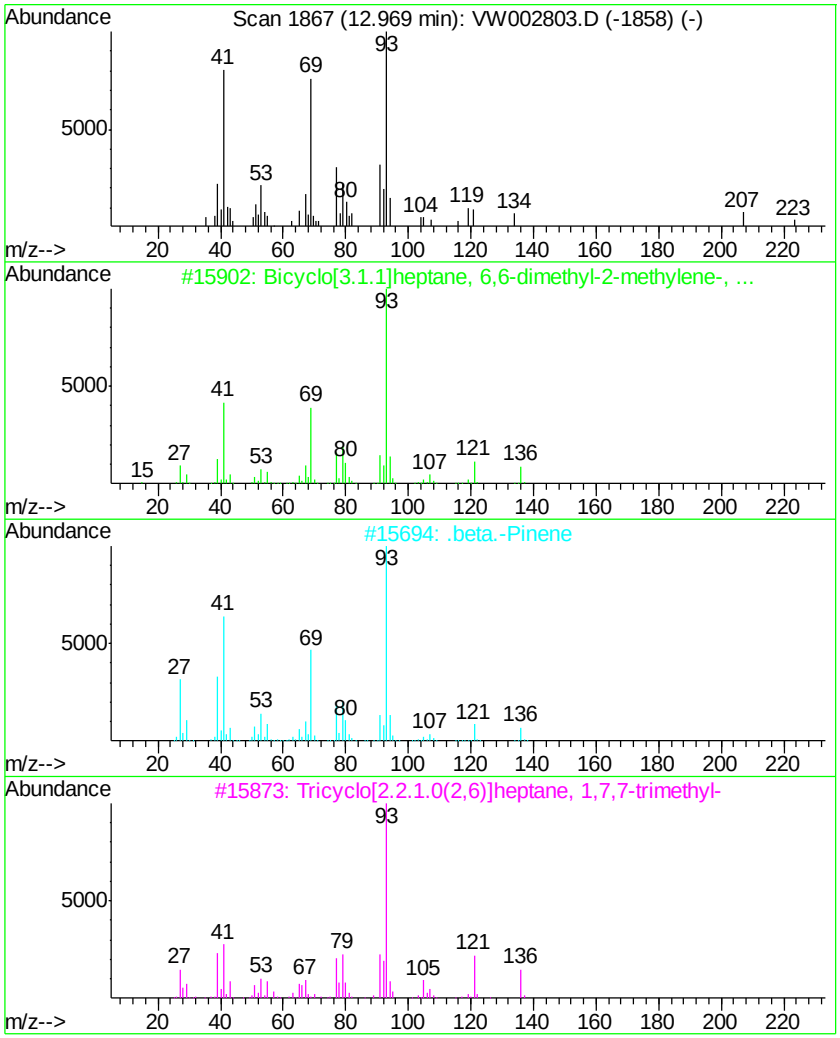
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

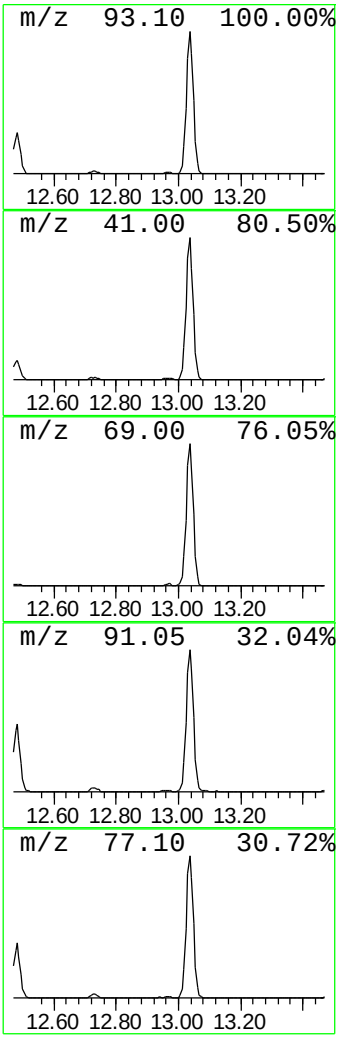
****

Peak Number 5 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	1.91 ug/L	21040	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	72
2	.beta.-Pinene	136	C10H16	000127-91-3	72
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	50
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	47
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	47





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

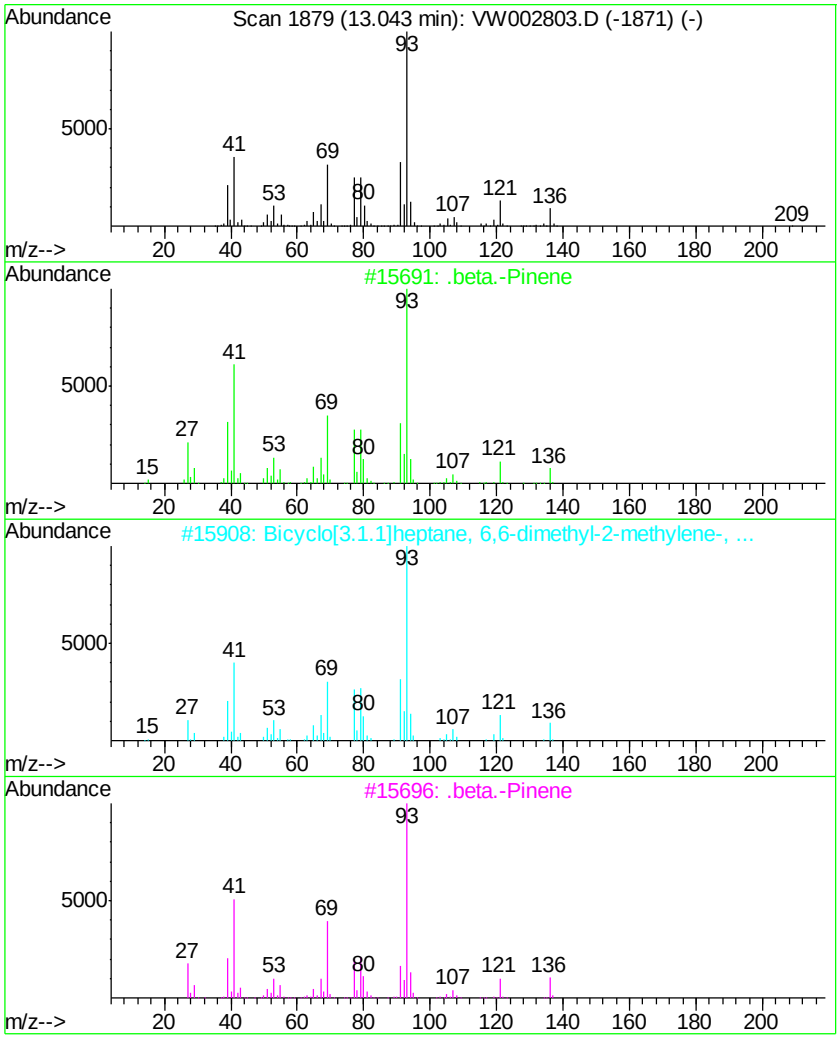
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

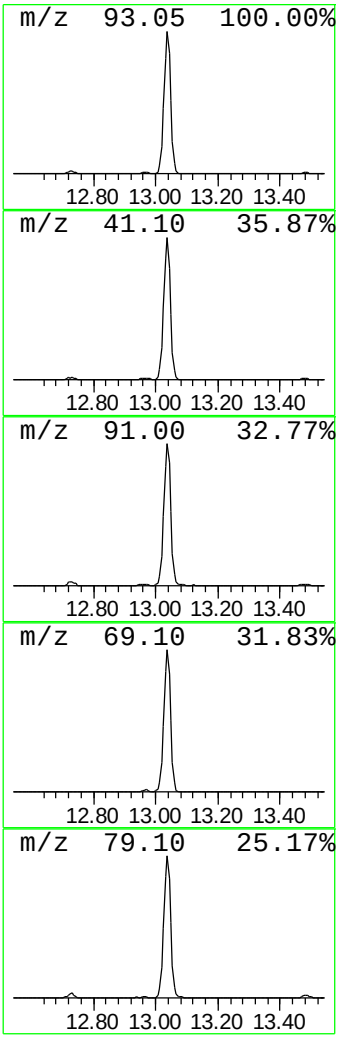
****

Peak Number 6 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	153.88 ug/L	1694990	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	.beta.-Pinene	136	C10H16	000127-91-3	94
4	.beta.-Pinene	136	C10H16	000127-91-3	94
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

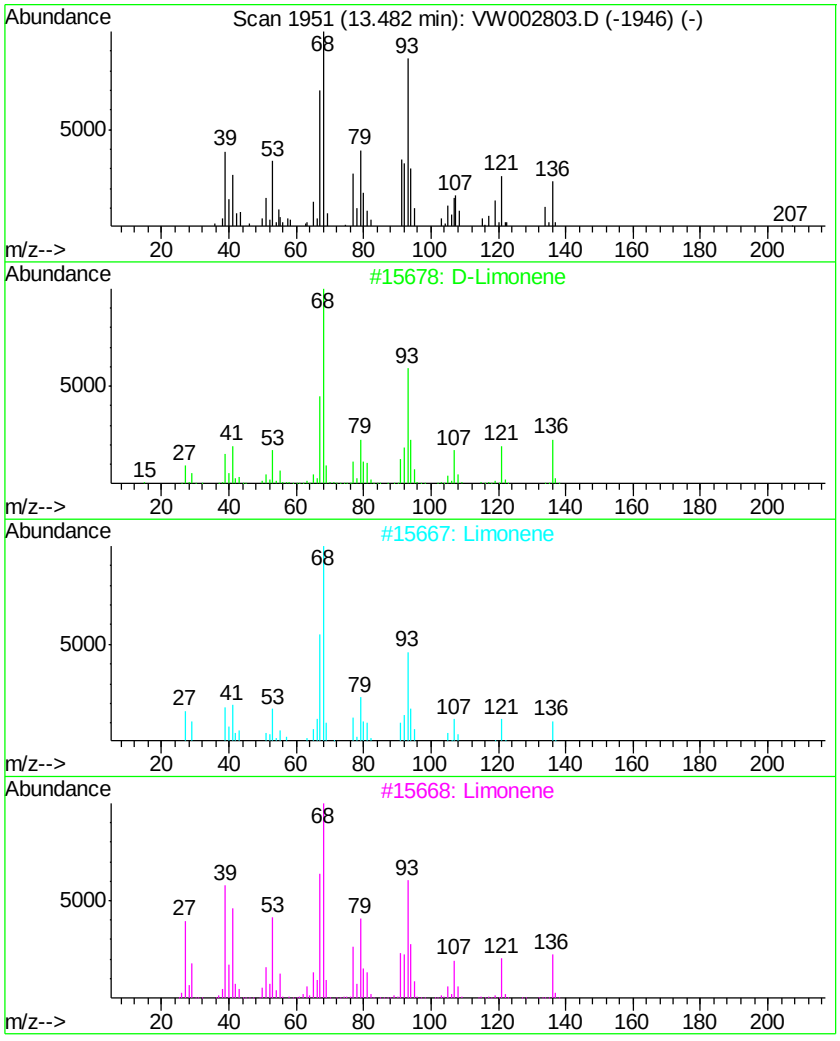
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

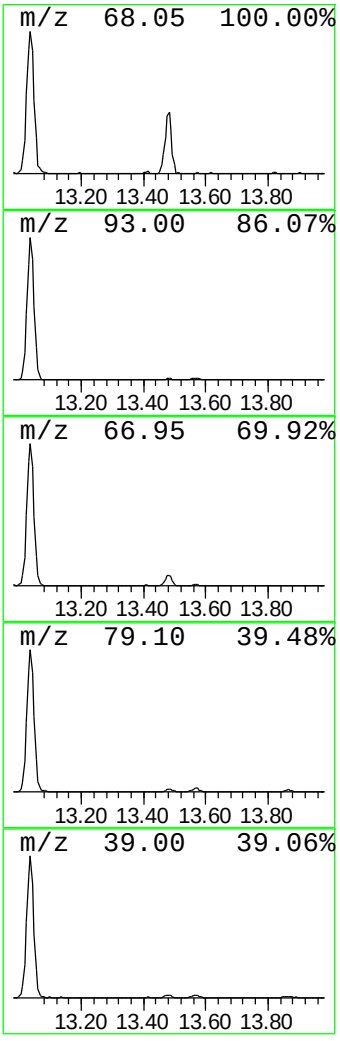
****

Peak Number 7 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.85 ug/L	42422	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	94
2	Limonene	136	C10H16	000138-86-3	94
3	Limonene	136	C10H16	000138-86-3	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	Limonene	136	C10H16	000138-86-3	81





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002803.D
Acq On : 23 May 2018 00:10
Operator : JC/SY
Sample : J2952-17RE
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.48	28.0	ug/L	537462	2	11.64	479813	25.0
Bicyclo[3.1.1]hep...	12.97	1.9	ug/L	21040	3	13.57	275374	25.0
.beta.-Pinene	13.04	153.9	ug/L	1694990	3	13.57	275374	25.0
D-Limonene	13.48	3.9	ug/L	42422	3	13.57	275374	25.0