LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/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	1.654	8	11	12	rBV2	318	339	0.02%	0.005%
2	1.746	17	26	28	rBV	7250	13906	0.84%	0.191%
3	1.807	28	36	54	rVB	745387	1663571	100.00%	22.858%
4	2.154	90	93	95	rBV2	2373	3063	0.18%	0.042%
5	2.343	119	124	136	rVB	60144	114604	6.89%	1.575%
6	2.886	208	213	226	rVB	36940	102828	6.18%	1.413%
7	4.001	386	396	412	rBV2	65449	239144	14.38%	3.286%
8	4.312	443	447	449	rVB3	808	1017	0.06%	0.014%
9	4.331	449	450	451	rBV	750	423	0.03%	0.006%
10	4.465	470	472	475	rVB3	566	626	0.04%	0.009%
11	4.550	484	486	487	rVB2	563	373	0.02%	0.005%
12	4.593	492	493	495	rBV2	413	316	0.02%	0.004%
13	4.648	500	502	503	rBV	484	320	0.02%	0.004%
14	4.751	515	519	521	rBV3	724	1040	0.06%	0.014%
15	4.916	535	546	549	rBV6	2724	8802	0.53%	0.121%
16	5.086	573	574	576	rBV	355	276	0.02%	0.004%
17	5.245	598	600	601	rBV	642	504	0.03%	0.007%
18	5.324	611	613	616	rBV2	409	518	0.03%	0.007%
19	5.385	621	623	625	rBV2	557	623	0.04%	0.009%
20	5.410	625	627	629	rVV2	390	309	0.02%	0.004%
21	5.434	629	631	633	rVV3	576	381	0.02%	0.005%
22	5.525	645	646	648	rVB2	518	317	0.02%	0.004%
23	5.727	677	679	680	rBV2	355	307	0.02%	0.004%
24	6.117	741	743	745	rVB2	629	424	0.03%	0.006%
25	6.214	757	759	761	rBV3	332	284	0.02%	0.004%
26	6.318	771	776	779	rBV3	406	808	0.05%	0.011%
27	6.452	797	798	800	rVB2	403	279	0.02%	0.004%
28	6.476	800	802	804	rBV2	438	408	0.02%	0.006%
29	6.507	806	807	808	rBV2	483	266	0.02%	0.004%
30	6.598	819	822	823	rBV	572	454	0.03%	0.006%
31	6.763	847	849	851	rVB	427	437	0.03%	0.006%
32	6.989	884	886	889	rBV2	529	573	0.03%	0.008%
33	7.019	889	891	892	rBV	333	289	0.02%	0.004%
34	7.080	893	901	909	rBV	37227	111451	6.70%	1.531%

LSC Area Percent Report

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Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/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	7.403	952	954	956	rVB3	561	295	0.02%	0.004%
36	7.428	956	958	959	rBV2	522	444	0.03%	0.006%
37	7.647	984	994	1006	rBV	128168	311191	18.71%	4.276%
38	7.757	1010	1012	1013	rBV2	570	408	0.02%	0.006%
39	7.842	1023	1026	1027	rBV2	477	519	0.03%	0.007%
40	7.903	1033	1036	1038	rBV4	772	940	0.06%	0.013%
41	7.921	1038	1039	1041	rVV2	701	580	0.03%	0.008%
42	7.964	1045	1046	1050	rVB3	438	462	0.03%	0.006%
43	8.043	1058	1059	1061	rBV2	402	299	0.02%	0.004%
44	8.123	1070	1072	1074	rBV2	381	364	0.02%	0.005%
45	8.153	1074	1077	1081	rBV2	927	1043	0.06%	0.014%
46	8.275	1086	1097	1115	rBV2	228110	720188	43.29%	9.896%
47	8.622	1152	1154	1155	rBV2	798	761	0.05%	0.010%
48	8.690	1161	1165	1166	rBV4	871	1307	0.08%	0.018%
49	8.738	1171	1173	1174	rVB2	642	358	0.02%	0.005%
50	8.848	1183	1191	1203	rBV	232792	453860	27.28%	6.236%
51	8.982	1211	1213	1215	rBV2	742	632	0.04%	0.009%
52	9.043	1217	1223	1228	rBV6	1893	4280	0.26%	0.059%
53	9.281	1252	1262	1275	rBV	170969	350889	21.09%	4.821%
54	9.421	1284	1285	1287	rBV	615	536	0.03%	0.007%
55	9.488	1293	1296	1297	rBV2	486	672	0.04%	0.009%
56	9.573	1307	1310	1312	rBV3	644	817	0.05%	0.011%
57	9.616	1315	1317	1318	rBV	427	321	0.02%	0.004%
58	9.647	1321	1322	1323	rBV	561	354	0.02%	0.005%
59	9.769	1336	1342	1345	rBV5	1179	2190	0.13%	0.030%
60	9.897	1359	1363	1370	rVB5	1862	3503	0.21%	0.048%
61	10.043	1380	1387	1395	rVB	71377	131820	7.92%	1.811%
62	10.104	1395	1397	1400	rBV3	661	969	0.06%	0.013%
63	10.208	1411	1414	1416	rBV3	939	1170	0.07%	0.016%
64	10.329	1427	1434	1442	rBV	306510	535119	32.17%	7.353%
65	10.586	1470	1476	1483	rVB	51882	90089	5.42%	1.238%
66	10.714	1493	1497	1503	rVB5	2591	4297	0.26%	0.059%
67	10.933	1527	1533	1548	rBV	143266	280707	16.87%	3.857%
68	11.640	1642	1649	1662	rVB	304565	505714	30.40%	6.949%
69	12.482	1780	1787	1797	rVB2	109114	181754	10.93%	2.497%
70	12.622	1803	1810	1815	rVB5	3981	8388	0.50%	0.115%
71	12.701	1816	1823	1833	rVB	189423	329341	19.80%	4.525%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/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	12.951	1859	1864	1871	rBV5	2709	6612	0.40%	0.091%
73	13.036	1871	1878	1887	rBV	132159	221126	13.29%	3.038%
74	13.286	1914	1919	1927	rVB2	15253	27466	1.65%	0.377%
75	13.359	1929	1931	1933	rVB2	638	410	0.02%	0.006%
76	13.420	1939	1941	1946	rVB3	2379	2604	0.16%	0.036%
77	13.481	1946	1951	1959	rBV8	7344	15773	0.95%	0.217%
78	13.567	1959	1965	1972	rBV	250830	402794	24.21%	5.535%
79	13.774	1995	1999	2000	rBV4	1150	1420	0.09%	0.020%
80	13.865	2007	2014	2022	rBV	231399	388014	23.32%	5.331%
81	14.091	2047	2051	2055	rBV3	2194	2554	0.15%	0.035%
82	14.182	2064	2066	2068	rBV3	633	470	0.03%	0.006%
83	14.280	2080	2082	2083	rBV2	811	655	0.04%	0.009%
84	14.445	2107	2109	2111	rBV3	642	532	0.03%	0.007%
85	14.518	2117	2121	2126	rBV2	820	1742	0.10%	0.024%
86	14.634	2136	2140	2142	rBV4	797	1050	0.06%	0.014%
87	14.688	2147	2149	2151	rBV3	704	306	0.02%	0.004%
88	14.737	2154	2157	2158	rBV2	1387	1466	0.09%	0.020%
89	14.951	2191	2192	2198	rVB4	693	967	0.06%	0.013%
90	15.018	2202	2203	2205	rBV2	331	280	0.02%	0.004%
91	15.091	2211	2215	2217	rVB3	683	900	0.05%	0.012%
92	15.426	2268	2270	2271	rBV2	782	625	0.04%	0.009%
93	15.865	2340	2342	2343	rBV2	540	274	0.02%	0.004%
94	16.091	2377	2379	2381	rBV	408	372	0.02%	0.005%
95	16.249	2403	2405	2408	rBV2	677	794	0.05%	0.011%
96	16.328	2416	2418	2419	rBV2	486	345	0.02%	0.005%
97	16.402	2429	2430	2431	rBV	740	337	0.02%	0.005%
98	16.639	2467	2469	2471	rBV2	924	894	0.05%	0.012%
99	16.688	2475	2477	2478	rVB2	685	410	0.02%	0.006%
100	16.706	2478	2480	2483	rBV3	549	772	0.05%	0.011%

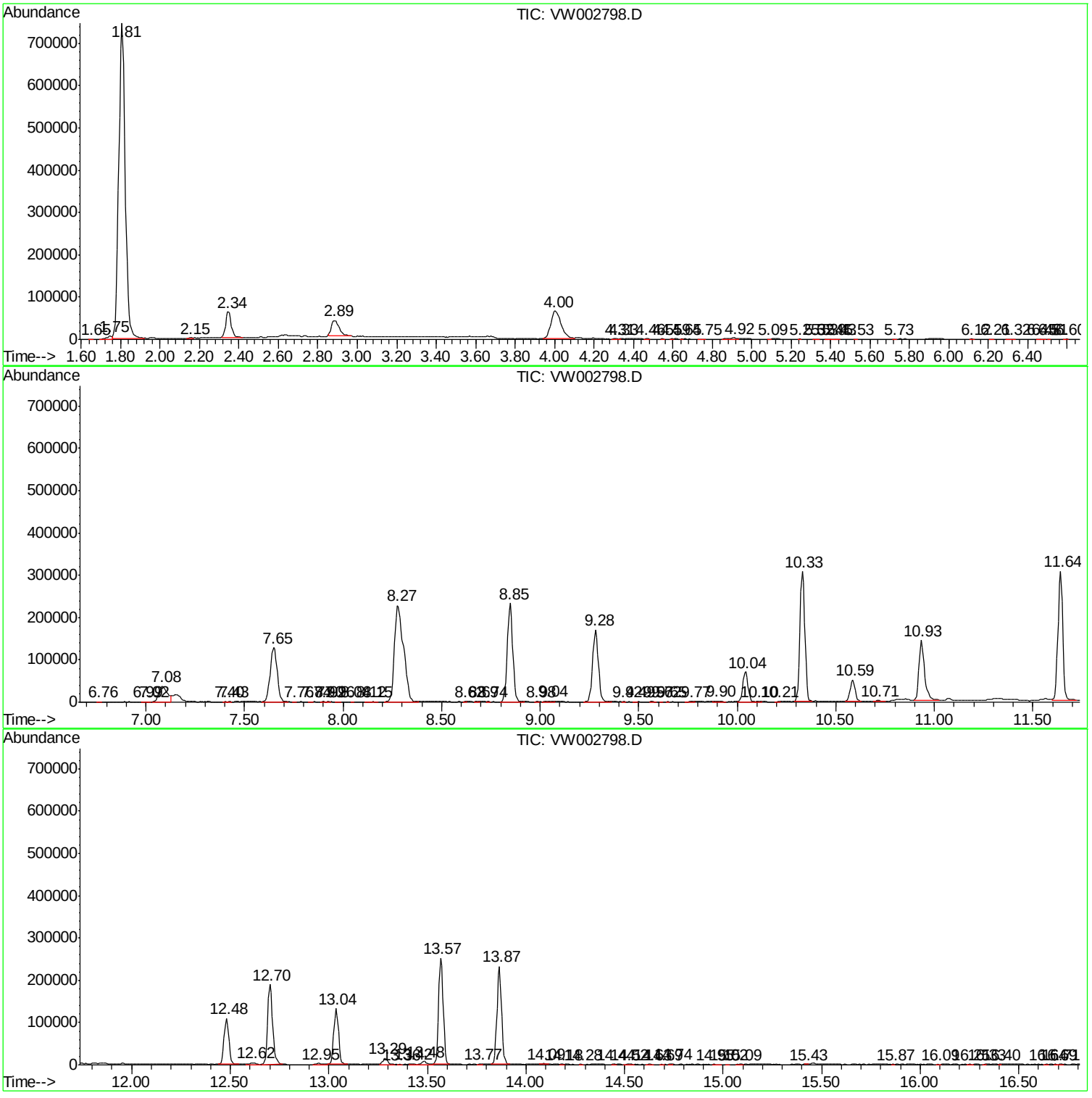
Sum of corrected areas: 7277825

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/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



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

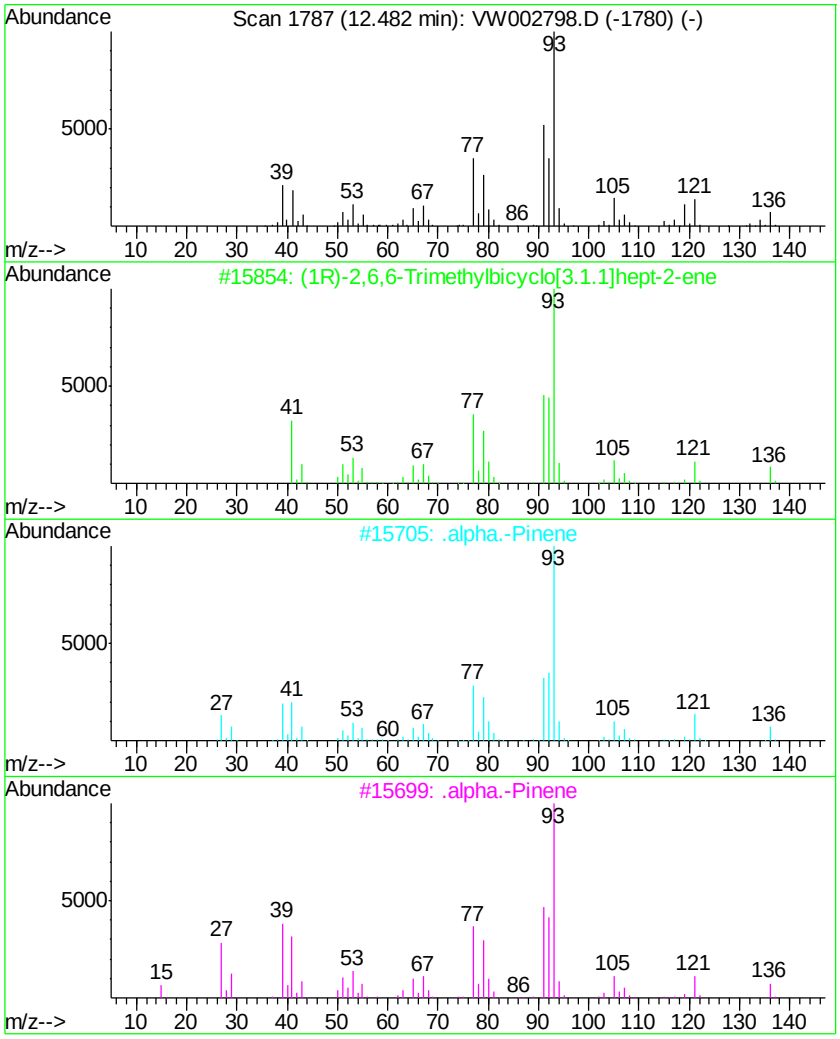
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

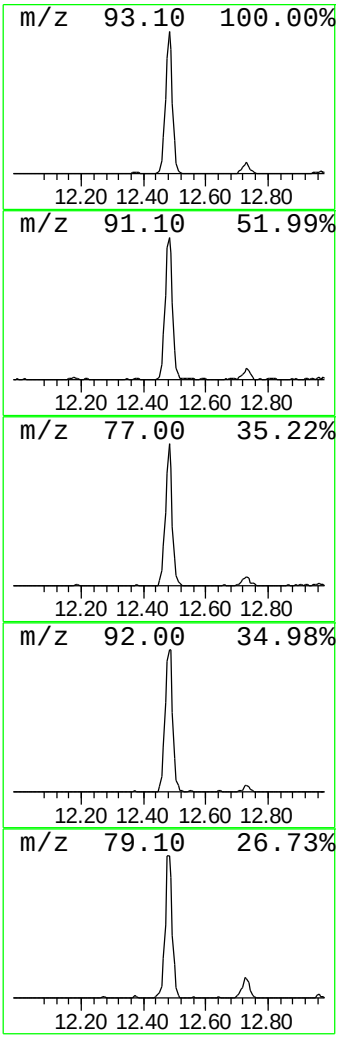
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	8.99 ug/L	181754	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	.alpha.-Pinene	136	C10H16	000080-56-8	93
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

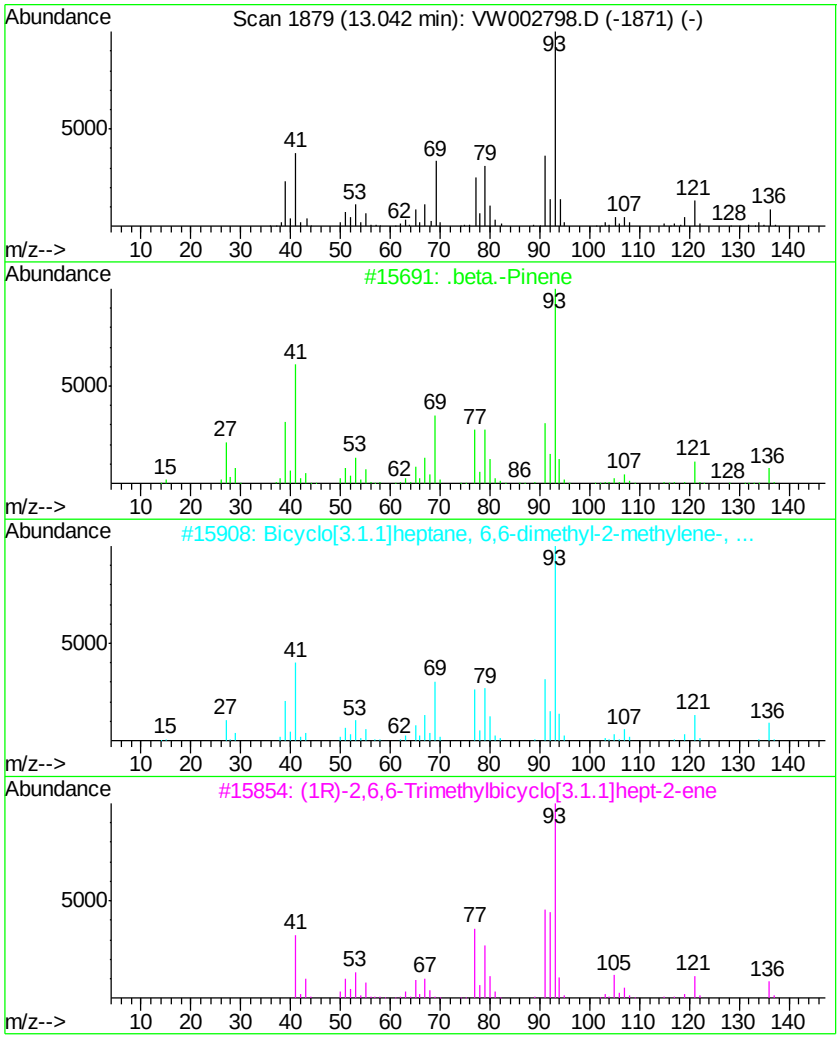
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

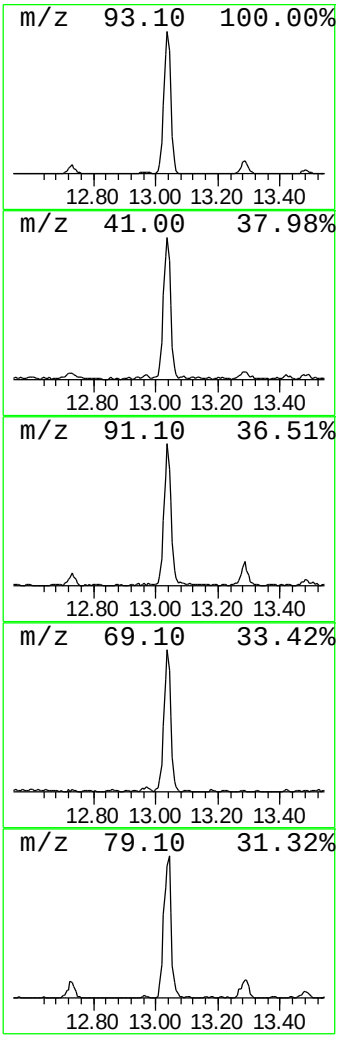
****

Peak Number 4 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	13.72 ug/L	221126	1,4-Dichlorobenzene-d4	13.57

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





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

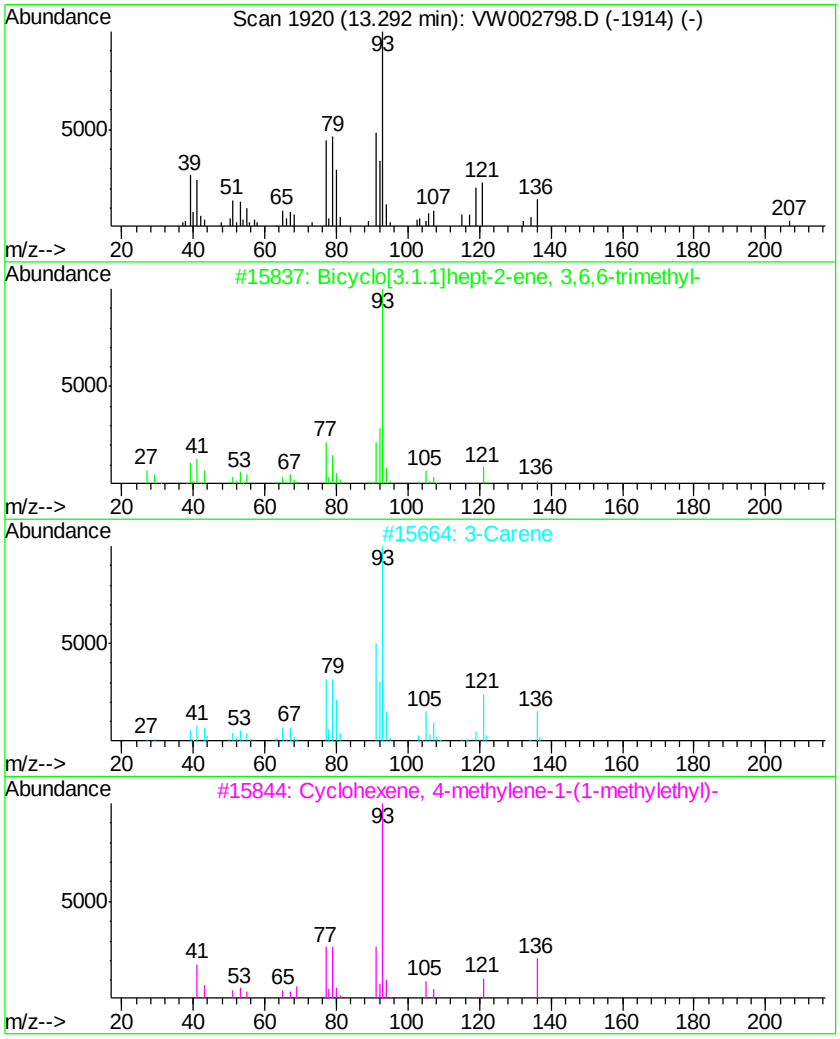
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

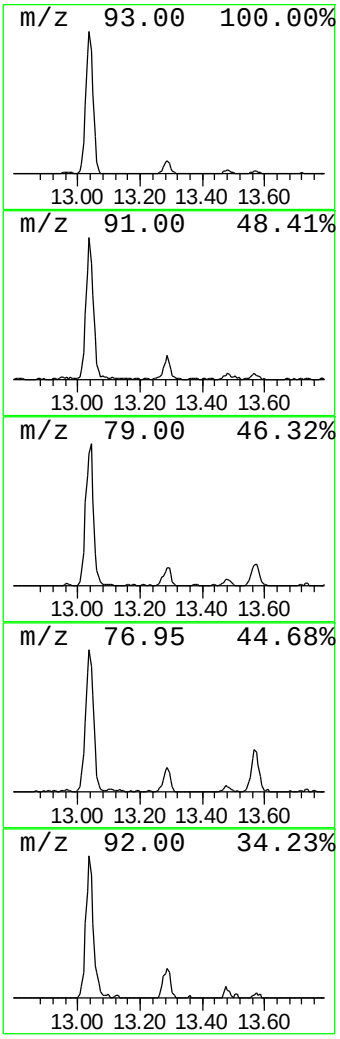
****

Peak Number 5 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	1.70 ug/L	27466	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
2	3-Carene	136	C10H16	013466-78-9	83
3	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	74
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	72
5	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	72





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002798.D
Acq On : 22 May 2018 22:00
Operator : JC/SY
Sample : J2952-12RE
Misc : 5.88G/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	9.0	ug/L	181754	2	11.64	505714	25.0
.beta.-Pinene	13.04	13.7	ug/L	221126	3	13.57	402794	25.0
Bicyclo[3.1.1]hep...	13.29	1.7	ug/L	27466	3	13.57	402794	25.0