LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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	2.361	69	75	86	rVB	53448	112708	9.99%	1.280%
2	2.898	157	163	181	rVB2	47763	131649	11.67%	1.495%
3	4.013	336	346	359	rBV	114366	327058	28.98%	3.714%
4	4.306	390	394	396	rBV3	234	325	0.03%	0.004%
5	4.409	410	411	413	rBV2	261	218	0.02%	0.002%
6	4.440	413	416	419	rVV2	340	619	0.05%	0.007%
7	4.623	443	446	449	rBV2	262	393	0.03%	0.004%
8	4.909	488	493	509	rVB4	3809	12315	1.09%	0.140%
9	5.019	509	511	513	rBV	270	172	0.02%	0.002%
10	5.141	529	531	532	rVB2	270	150	0.01%	0.002%
11	5.208	539	542	547	rVB3	265	326	0.03%	0.004%
12	5.287	554	555	559	rBV	235	299	0.03%	0.003%
13	5.342	559	564	567	rBV3	265	488	0.04%	0.006%
14	5.415	574	576	578	rBV3	172	168	0.01%	0.002%
15	5.507	587	591	595	rVB3	211	278	0.02%	0.003%
16	5.550	595	598	601	rBV	160	212	0.02%	0.002%
17	5.793	636	638	642	rBB3	213	153	0.01%	0.002%
18	5.934	655	661	670	rBV5	1472	4091	0.36%	0.046%
19	6.025	674	676	679	rVB2	253	225	0.02%	0.003%
20	6.056	679	681	682	rBV	204	143	0.01%	0.002%
21	6.092	684	687	688	rBV	179	154	0.01%	0.002%
22	6.177	700	701	703	rVB	217	143	0.01%	0.002%
23	6.208	703	706	708	rBV2	208	235	0.02%	0.003%
24	6.324	724	725	727	rBV2	166	159	0.01%	0.002%
25	6.373	731	733	735	rBV2	165	177	0.02%	0.002%
26	6.458	741	747	748	rBV5	292	531	0.05%	0.006%
27	6.555	760	763	766	rVB2	214	303	0.03%	0.003%
28	6.683	783	784	786	rBV2	274	193	0.02%	0.002%
29	6.726	789	791	793	rVB	164	141	0.01%	0.002%
30	6.757	793	796	797	rBV2	160	149	0.01%	0.002%
31	6.775	797	799	801	rBV	240	185	0.02%	0.002%
32	6.818	805	806	808	rBV	308	163	0.01%	0.002%
33	7.086	840	850	857	rBV	31805	90202	7.99%	1.024%
34	7.519	920	921	922	rBV	296	160	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

35	7.653	932	943	954	rBV	179733	436522	38.68%	4.957%
36	8.012	1000	1002	1005	rVB3	336	385	0.03%	0.004%
37	8.049	1005	1008	1009	rBV2	164	179	0.02%	0.002%
38	8.165	1026	1027	1030	rBV	174	195	0.02%	0.002%
39	8.281	1035	1046	1060	rBV2	337828	1010428	89.54%	11.475%
40	8.506	1082	1083	1086	rBV3	245	281	0.02%	0.003%
41	8.573	1092	1094	1096	rVB2	322	162	0.01%	0.002%
42	8.622	1100	1102	1103	rBV	396	253	0.02%	0.003%
43	8.695	1112	1114	1115	rBV	737	649	0.06%	0.007%
44	8.787	1127	1129	1130	rBV	421	258	0.02%	0.003%
45	8.848	1130	1139	1150	rVV	447600	868084	76.93%	9.858%
46	9.055	1168	1173	1174	rBV2	1548	2484	0.22%	0.028%
47	9.213	1197	1199	1201	rBV2	169	147	0.01%	0.002%
48	9.281	1201	1210	1219	rBV	233405	471396	41.77%	5.353%
49	9.433	1233	1235	1236	rBV2	164	162	0.01%	0.002%
50	9.665	1268	1273	1278	rVV3	1275	2142	0.19%	0.024%
51	9.744	1282	1286	1289	rBV2	286	460	0.04%	0.005%
52	9.774	1289	1291	1293	rBV	269	298	0.03%	0.003%
53	10.037	1327	1334	1344	rBV	123547	222629	19.73%	2.528%
54	10.171	1355	1356	1358	rVB2	214	137	0.01%	0.002%
55	10.195	1358	1360	1362	rVB3	271	158	0.01%	0.002%
56	10.213	1362	1363	1366	rVB2	257	214	0.02%	0.002%
57	10.250	1366	1369	1371	rBV2	292	383	0.03%	0.004%
58	10.329	1373	1382	1389	rBV	515206	902101	79.94%	10.245%
59	10.506	1408	1411	1415	rVV3	401	544	0.05%	0.006%
60	10.579	1415	1423	1433	rVV	79634	138794	12.30%	1.576%
61	10.707	1439	1444	1451	rBV	2474	4375	0.39%	0.050%
62	10.878	1469	1472	1473	rBV2	165	170	0.02%	0.002%
63	10.933	1473	1481	1491	rBV	131386	227803	20.19%	2.587%
64	11.073	1500	1504	1509	rVB4	1748	2260	0.20%	0.026%
65	11.189	1519	1523	1524	rBV2	171	142	0.01%	0.002%
66	11.298	1537	1541	1542	rBV	139	138	0.01%	0.002%
67	11.329	1545	1546	1548	rBV	199	170	0.02%	0.002%
68	11.353	1548	1550	1553	rVB2	267	262	0.02%	0.003%
69	11.408	1556	1559	1560	rBV	174	140	0.01%	0.002%
70	11.469	1567	1569	1572	rBV2	177	202	0.02%	0.002%
71	11.548	1579	1582	1585	rBV2	301	265	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

72	11.634	1589	1596	1607	rBV	624996	1061739	94.09%	12.058%
73	11.853	1626	1632	1635	rBV2	1050	1927	0.17%	0.022%
74	11.933	1642	1645	1648	rVB2	268	299	0.03%	0.003%
75	11.987	1652	1654	1655	rBV	202	139	0.01%	0.002%
76	12.018	1657	1659	1660	rBV3	496	332	0.03%	0.004%
77	12.158	1679	1682	1683	rBV2	427	432	0.04%	0.005%
78	12.256	1695	1698	1699	rVB3	409	363	0.03%	0.004%
79	12.475	1725	1734	1741	rBV	72318	118843	10.53%	1.350%
80	12.567	1742	1749	1750	rBV3	2142	3504	0.31%	0.040%
81	12.701	1764	1771	1778	rBV	218711	368453	32.65%	4.184%
82	12.871	1796	1799	1800	rBV2	219	179	0.02%	0.002%
83	12.896	1801	1803	1806	rBV4	467	404	0.04%	0.005%
84	12.945	1806	1811	1812	rBV2	4676	6796	0.60%	0.077%
85	13.030	1819	1825	1833	rVB	42107	69517	6.16%	0.789%
86	13.115	1833	1839	1840	rBV3	666	1004	0.09%	0.011%
87	13.219	1850	1856	1866	rVB2	21962	42808	3.79%	0.486%
88	13.414	1878	1888	1893	rBV3	10836	19919	1.77%	0.226%
89	13.475	1893	1898	1905	rBV2	27013	45309	4.02%	0.515%
90	13.566	1906	1913	1919	rBV	711916	1128439	100.00%	12.815%
91	13.719	1935	1938	1941	rBV4	805	971	0.09%	0.011%
92	13.774	1942	1947	1954	rVB4	4290	8155	0.72%	0.093%
93	13.859	1954	1961	1973	rBV	552416	904850	80.19%	10.276%
94	14.085	1993	1998	2003	rBV2	8555	13430	1.19%	0.153%
95	14.237	2021	2023	2024	rBV2	403	207	0.02%	0.002%
96	14.335	2034	2039	2042	rBV6	1952	3608	0.32%	0.041%
97	14.402	2043	2050	2062	rVB6	5202	18627	1.65%	0.212%
98	14.731	2102	2104	2108	rVB4	618	631	0.06%	0.007%
99	14.828	2118	2120	2122	rBV2	488	461	0.04%	0.005%
100	15.151	2168	2173	2178	rVB6	2325	3903	0.35%	0.044%

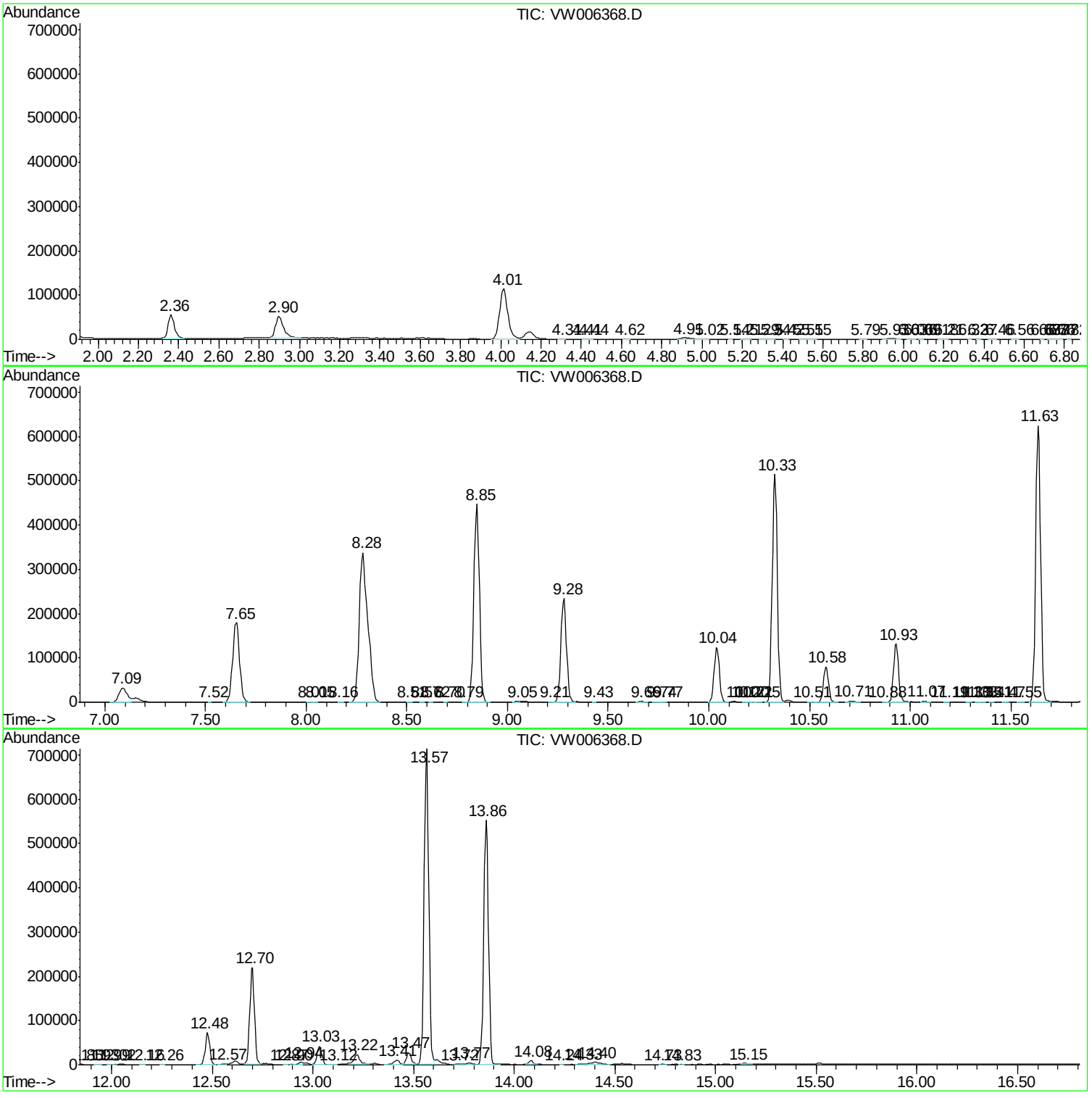
Sum of corrected areas: 8805506

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

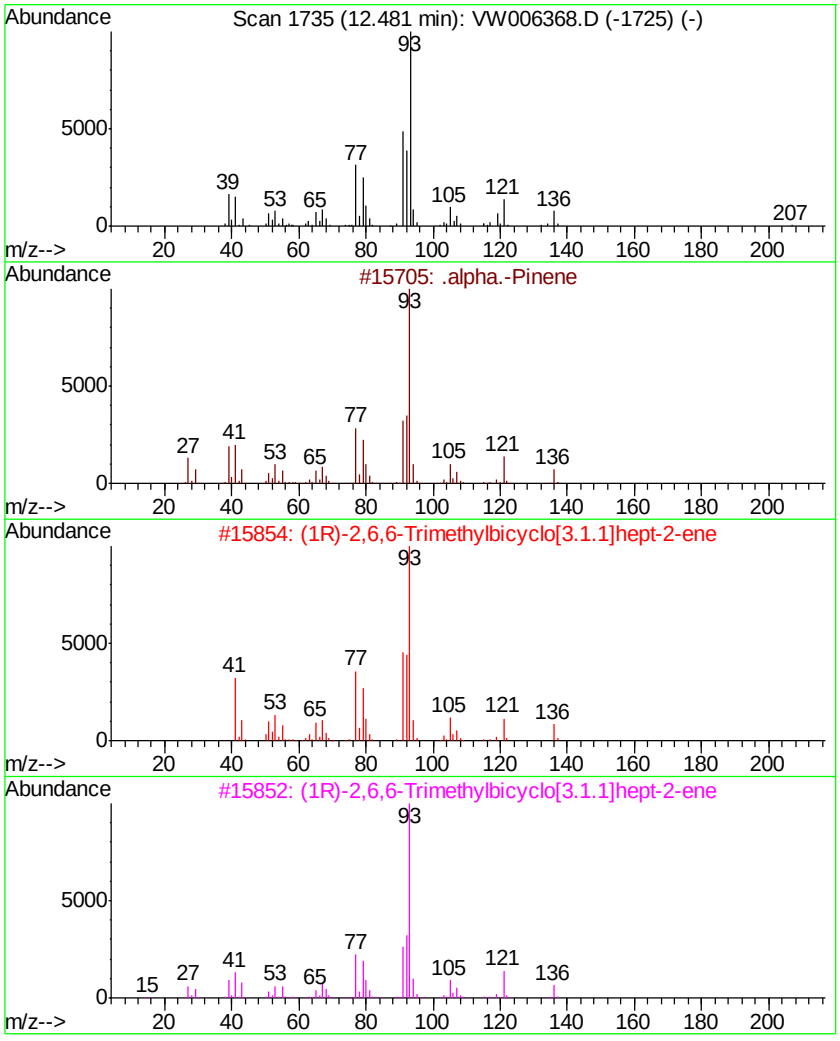
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

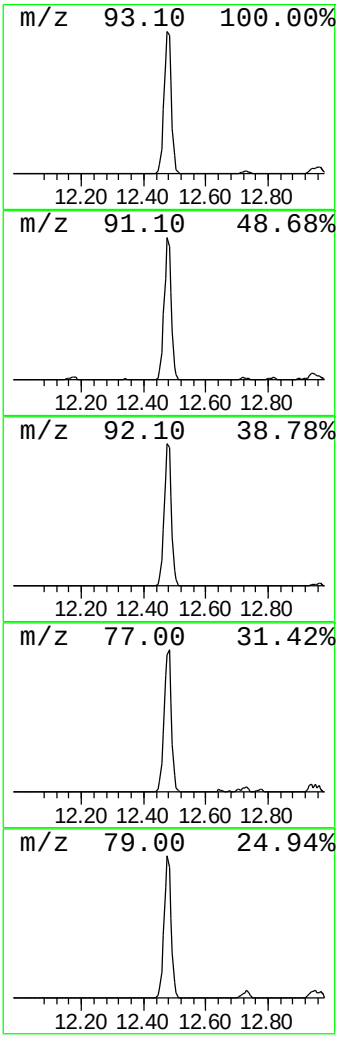
****

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	2.80 ug/L	118843	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

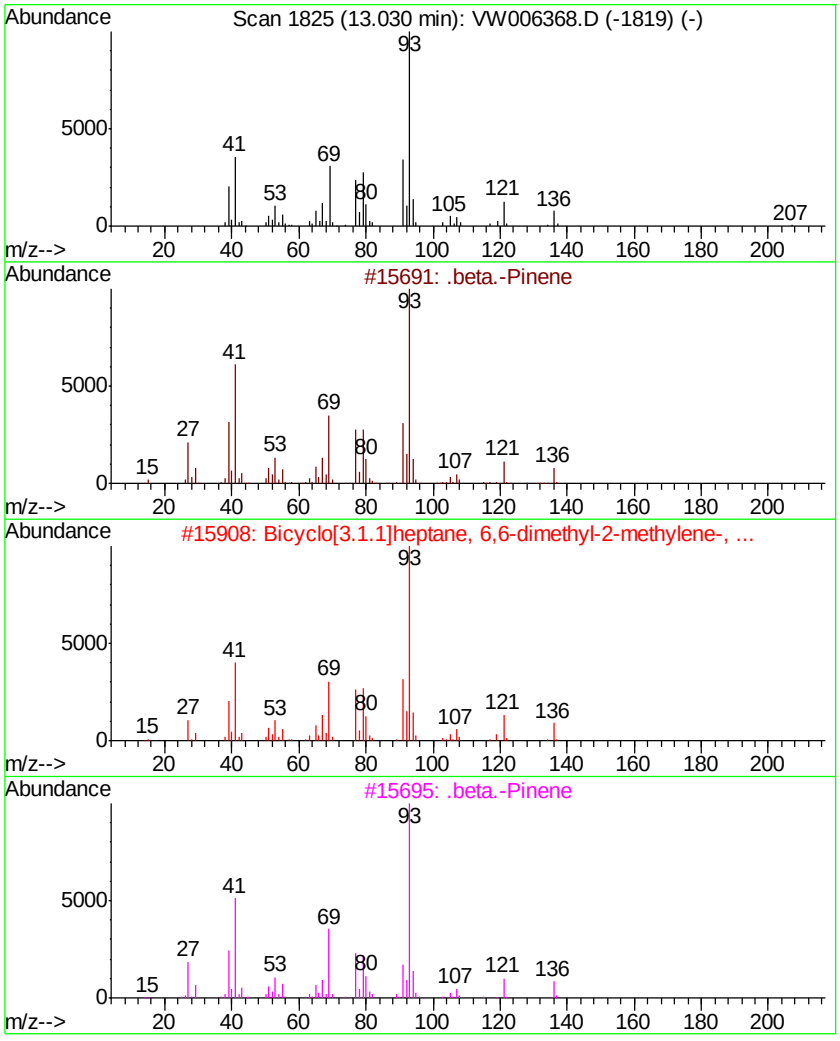
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

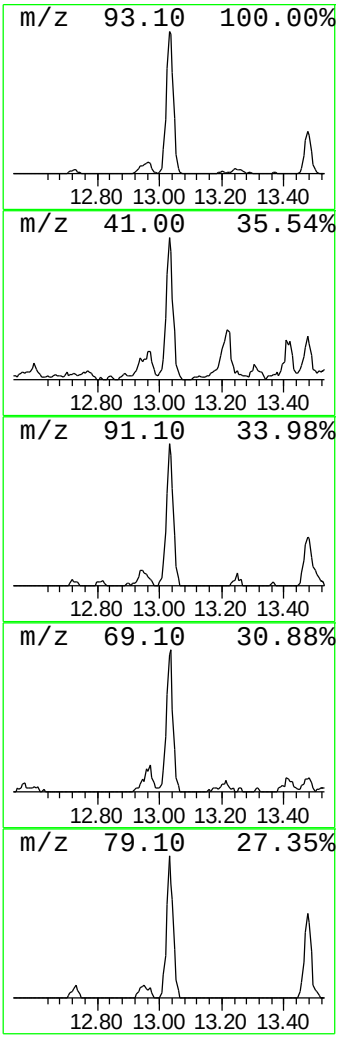
****

Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	1.54 ug/L	69517	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	.beta.-Pinene	136	C10H16	000127-91-3	95
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
Data File : VW006368.D
Acq On : 25 Oct 2018 17:32
Operator : SY/AP
Sample : J5657-16
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40F1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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
.alpha.-Pinene	12.48	2.8	ug/L	118843	2	11.63	1061740	25.0
.beta.-Pinene	13.03	1.5	ug/L	69517	3	13.57	1128440	25.0