LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011247.D
Acq On : 12 Jul 2019 18:28
Operator : SY/VA
Sample : K3760-13
Misc : 6.15G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z3

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\SOM2WLM070219S.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	2.343	67	72	81	rBV	72448	122323	9.82%	1.192%
2	2.879	153	160	174	rBV	42684	113288	9.10%	1.104%
3	3.312	229	231	235	rVB3	839	975	0.08%	0.010%
4	3.812	311	313	315	rBV2	423	538	0.04%	0.005%
5	3.867	317	322	326	rVB4	1306	2564	0.21%	0.025%
6	4.013	335	346	362	rBV	114399	380891	30.59%	3.713%
7	4.208	376	378	381	rVB4	611	577	0.05%	0.006%
8	4.379	404	406	407	rBV2	465	440	0.04%	0.004%
9	4.458	418	419	423	rVB2	730	600	0.05%	0.006%
10	4.592	437	441	444	rBV3	645	962	0.08%	0.009%
11	4.915	483	494	500	rBV6	2453	8844	0.71%	0.086%
12	5.830	640	644	649	rVB3	369	721	0.06%	0.007%
13	5.934	652	661	669	rBV4	3113	10044	0.81%	0.098%
14	6.220	706	708	711	rBV	486	632	0.05%	0.006%
15	6.251	711	713	716	rVB3	533	625	0.05%	0.006%
16	6.287	716	719	721	rBV	412	553	0.04%	0.005%
17	6.348	725	729	734	rBV5	458	735	0.06%	0.007%
18	6.549	760	762	766	rBV3	547	797	0.06%	0.008%
19	6.647	773	778	781	rVB3	411	703	0.06%	0.007%
20	6.696	781	786	787	rBV2	381	615	0.05%	0.006%
21	6.757	793	796	797	rBV	408	481	0.04%	0.005%
22	6.860	808	813	815	rBV2	660	1019	0.08%	0.010%
23	6.958	827	829	830	rVV2	756	718	0.06%	0.007%
24	6.976	830	832	840	rVB6	1008	1822	0.15%	0.018%
25	7.074	840	848	866	rBV	35929	117175	9.41%	1.142%
26	7.281	880	882	885	rVB2	539	605	0.05%	0.006%
27	7.317	885	888	890	rBV	479	487	0.04%	0.005%
28	7.354	890	894	898	rVB4	512	638	0.05%	0.006%
29	7.641	931	941	954	rVV	188093	466808	37.49%	4.550%
30	7.933	987	989	991	rBV3	399	455	0.04%	0.004%
31	8.159	1022	1026	1030	rVB4	354	533	0.04%	0.005%
32	8.275	1034	1045	1060	rBV2	387181	1157565	92.96%	11.283%
33	8.586	1093	1096	1099	rBV3	555	723	0.06%	0.007%
34	8.683	1108	1112	1118	rBV4	817	1890	0.15%	0.018%

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	8.842	1129	1138	1152	rBV	465471	929120	74.62%	9.056%
36	9.079	1166	1177	1183	rBV6	2610	6743	0.54%	0.066%
37	9.159	1185	1190	1194	rVB4	514	1014	0.08%	0.010%
38	9.274	1199	1209	1221	rBV	274224	571836	45.92%	5.574%
39	9.451	1236	1238	1241	rBV3	523	609	0.05%	0.006%
40	9.659	1266	1272	1283	rVB3	2697	5588	0.45%	0.054%
41	10.030	1325	1333	1342	rBV	130701	245761	19.74%	2.395%
42	10.323	1373	1381	1389	rBV	541480	933971	75.00%	9.104%
43	10.378	1389	1390	1396	rVB3	2973	4280	0.34%	0.042%
44	10.506	1404	1411	1415	rVB3	1316	2140	0.17%	0.021%
45	10.579	1416	1423	1434	rBV	85356	146603	11.77%	1.429%
46	10.707	1440	1444	1449	rVB5	1617	2850	0.23%	0.028%
47	10.866	1466	1470	1472	rBV5	334	482	0.04%	0.005%
48	10.927	1472	1480	1493	rBV	130187	232151	18.64%	2.263%
49	11.024	1494	1496	1500	rVB2	1842	1908	0.15%	0.019%
50	11.164	1518	1519	1522	rVB3	622	462	0.04%	0.005%
51	11.536	1577	1580	1583	rVB2	568	755	0.06%	0.007%
52	11.573	1583	1586	1588	rBV2	473	728	0.06%	0.007%
53	11.628	1588	1595	1608	rVV	623352	1073990	86.25%	10.468%
54	11.725	1609	1611	1616	rVV4	1081	1565	0.13%	0.015%
55	11.805	1621	1624	1626	rVV3	472	463	0.04%	0.005%
56	11.835	1626	1629	1635	rVB6	1274	2222	0.18%	0.022%
57	11.920	1638	1643	1644	rBV2	245	463	0.04%	0.005%
58	12.030	1656	1661	1665	rBV2	430	682	0.05%	0.007%
59	12.115	1672	1675	1678	rBV3	592	611	0.05%	0.006%
60	12.182	1679	1686	1692	rVV	39972	65536	5.26%	0.639%
61	12.329	1706	1710	1714	rBV3	1808	3021	0.24%	0.029%
62	12.371	1714	1717	1722	rVB4	1145	1686	0.14%	0.016%
63	12.469	1722	1733	1746	rBV	749519	1245212	100.00%	12.137%
64	12.567	1746	1749	1750	rBV2	529	492	0.04%	0.005%
65	12.609	1751	1756	1762	rVB2	6232	10612	0.85%	0.103%
66	12.695	1762	1770	1780	rBV	202237	392005	31.48%	3.821%
67	12.774	1780	1783	1786	rVB5	1485	1848	0.15%	0.018%
68	12.932	1804	1809	1811	rVV4	2377	3580	0.29%	0.035%
69	12.969	1811	1815	1819	rVV2	7194	11986	0.96%	0.117%
70	13.030	1819	1825	1831	rVV	30229	51562	4.14%	0.503%
71	13.115	1837	1839	1841	rBV2	666	686	0.06%	0.007%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : DB8Z3

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.371	1877	1881	1889	rVB6	1084	2129	0.17%	0.021%
73	13.469	1889	1897	1905	rBV4	13830	34168	2.74%	0.333%
74	13.560	1905	1912	1922	rVB	609115	993816	79.81%	9.687%
75	13.713	1935	1937	1941	rBV5	2050	2237	0.18%	0.022%
76	13.853	1953	1960	1971	rBV	444342	738234	59.29%	7.196%
77	13.999	1980	1984	1988	rBV6	2628	4721	0.38%	0.046%
78	14.072	1992	1996	2000	rVB3	4997	7909	0.64%	0.077%
79	14.182	2011	2014	2015	rBV2	696	650	0.05%	0.006%
80	14.255	2024	2026	2028	rBV2	507	459	0.04%	0.004%
81	14.316	2030	2036	2038	rBV4	1538	2974	0.24%	0.029%
82	14.438	2054	2056	2059	rVB3	609	492	0.04%	0.005%
83	14.524	2062	2070	2076	rVV5	8486	16073	1.29%	0.157%
84	14.572	2076	2078	2080	rVB3	570	499	0.04%	0.005%
85	14.633	2083	2088	2095	rBV8	1013	1750	0.14%	0.017%
86	14.700	2095	2099	2100	rVV3	1415	1926	0.15%	0.019%
87	14.743	2100	2106	2111	rVB4	7479	14983	1.20%	0.146%
88	14.895	2129	2131	2133	rBV2	505	593	0.05%	0.006%
89	15.036	2152	2154	2157	rVB4	668	563	0.05%	0.005%
90	15.072	2157	2160	2161	rBV3	577	482	0.04%	0.005%
91	15.133	2166	2170	2177	rVB7	2250	3428	0.28%	0.033%
92	15.237	2181	2187	2192	rVV3	8800	17293	1.39%	0.169%
93	15.310	2193	2199	2205	rVB	13895	23913	1.92%	0.233%
94	15.371	2207	2209	2212	rVV2	449	444	0.04%	0.004%
95	15.426	2214	2218	2224	rVV2	6810	11652	0.94%	0.114%
96	15.505	2226	2231	2238	rVB6	1653	4227	0.34%	0.041%
97	15.560	2238	2240	2244	rBV5	788	904	0.07%	0.009%
98	16.359	2369	2371	2375	rVB4	630	730	0.06%	0.007%
99	16.432	2375	2383	2392	rBV7	8638	18183	1.46%	0.177%
100	16.627	2414	2415	2417	rVB2	746	447	0.04%	0.004%

Sum of corrected areas: 10259448

LSC Report - Integrated Chromatogram

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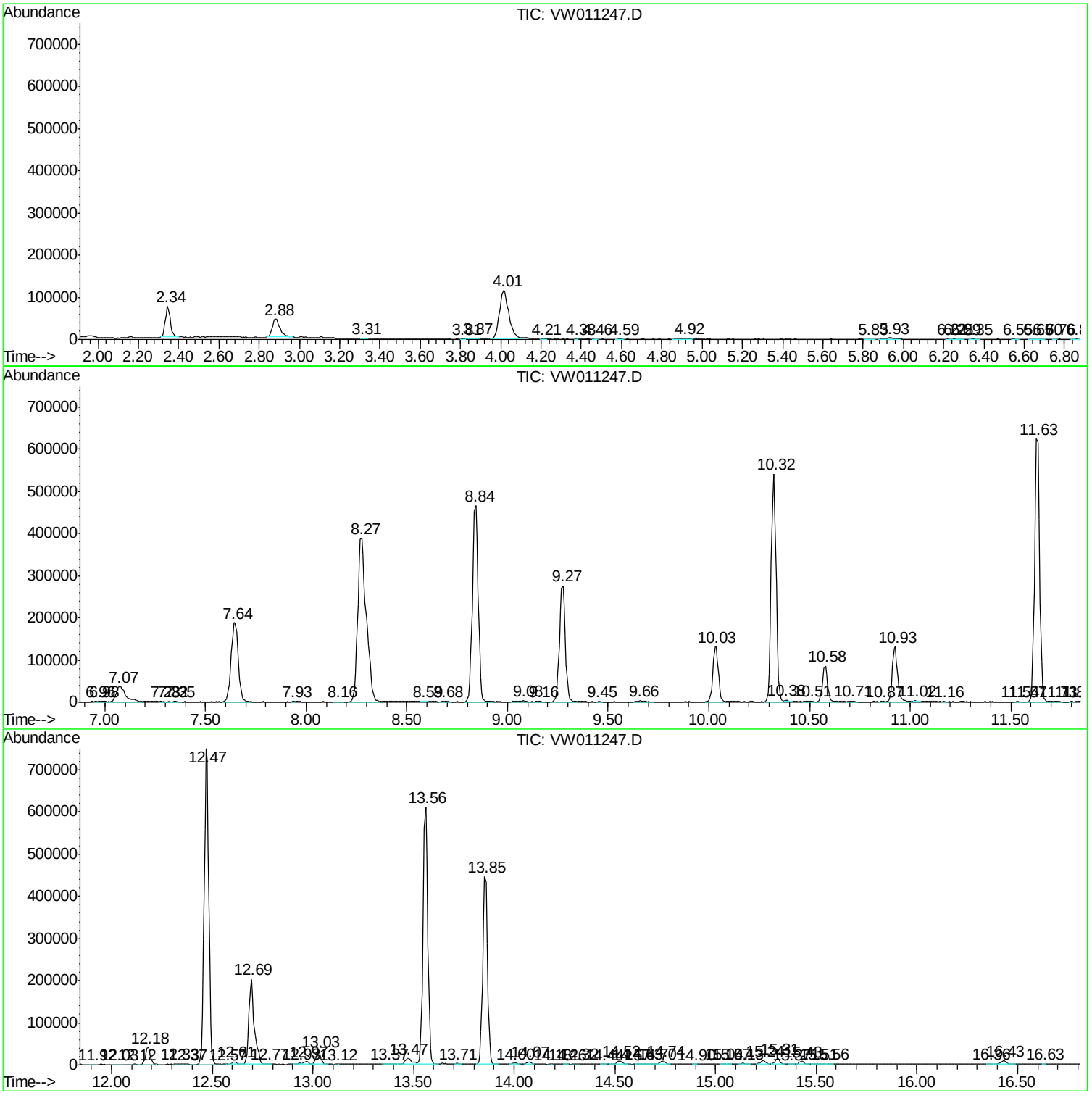
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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\VW071319\
Data File : VW011247.D
Acq On : 12 Jul 2019 18:28
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Sample : K3760-13
Misc : 6.15G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

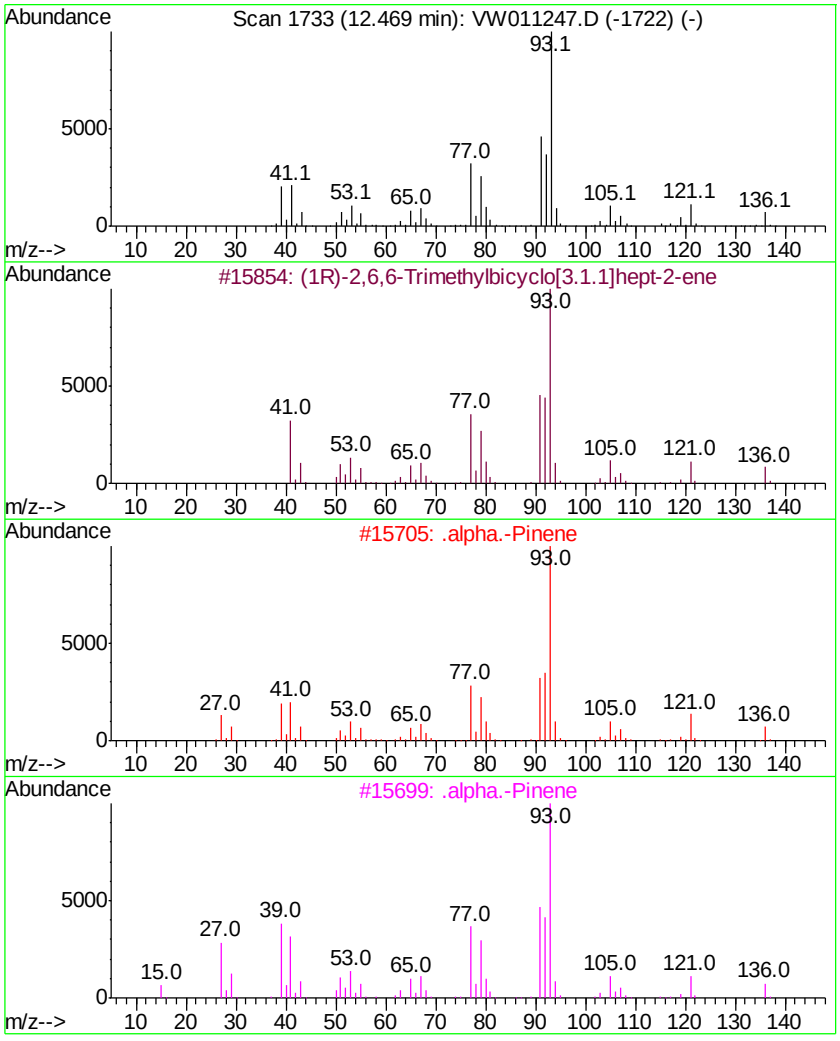
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

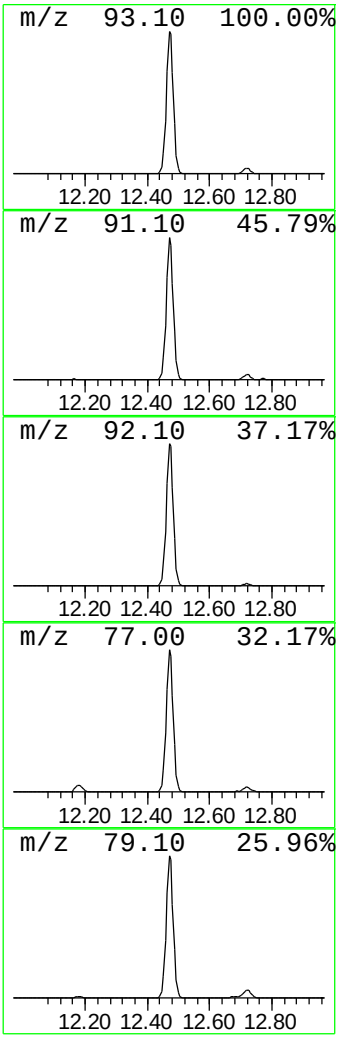
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	28.99 ug/L	1245210	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	97
2	.alpha.-Pinene	136	C10H16	000080-56-8	97
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	.gamma.-Terpinene	136	C10H16	000099-85-4	91





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

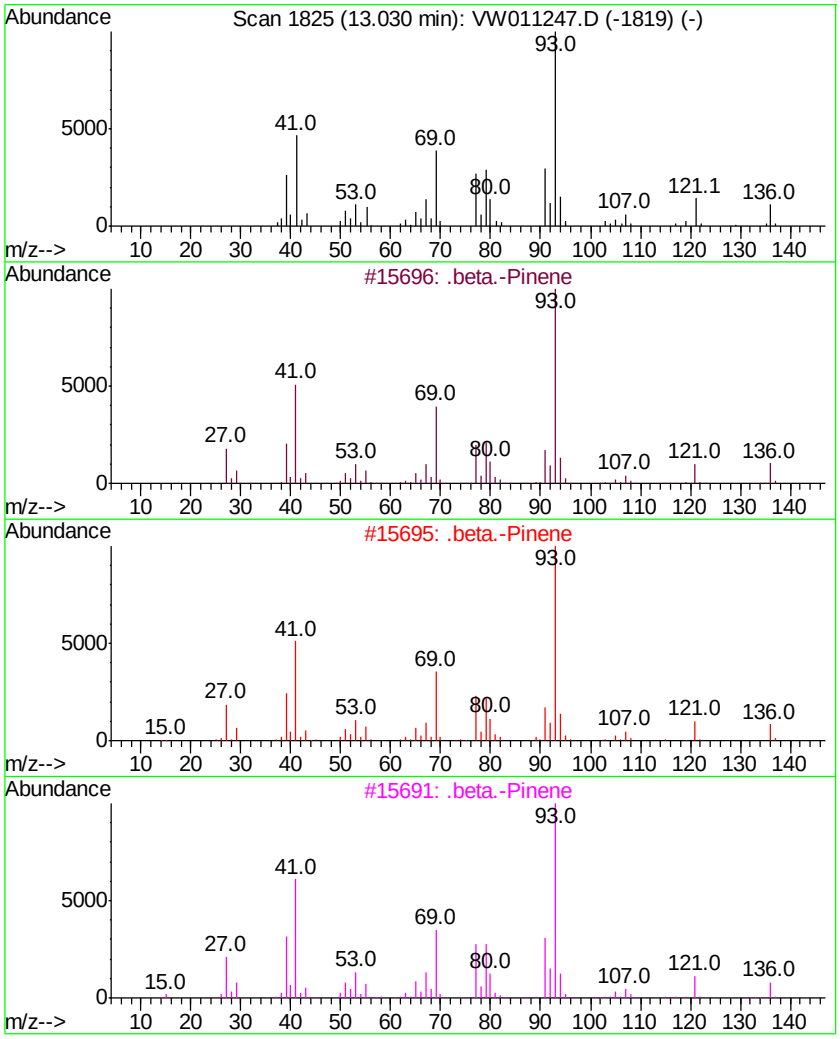
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

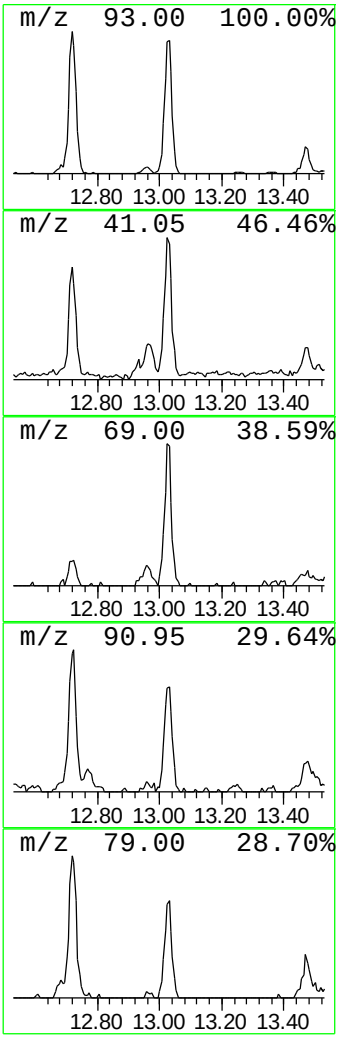
****

Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	1.30 ug/L	51562	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	95
3	.beta.-Pinene	136	C10H16	000127-91-3	94
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	93
5	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.47	29.0	ug/L	1245210	2	11.63	1073990	25.0
.beta.-Pinene	13.03	1.3	ug/L	51562	3	13.56	993816	25.0