LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103018\
Data File : VW006456.D
Acq On : 29 Oct 2018 15:32
Operator : SY/AP
Sample : J5705-09
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40H9

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	2.154	36	41	45	rBV	3112	6085	0.56%	0.068%
2	2.361	68	75	87	rVB	52052	111970	10.39%	1.254%
3	2.898	156	163	180	rVB	51975	141195	13.10%	1.582%
4	3.788	307	309	312	rVB2	512	344	0.03%	0.004%
5	3.849	315	319	330	rVB3	1491	3697	0.34%	0.041%
6	4.013	335	346	361	rBV	115045	330560	30.66%	3.704%
7	4.153	363	369	373	rBV4	1803	4128	0.38%	0.046%
8	4.452	415	418	421	rBV4	265	392	0.04%	0.004%
9	4.489	423	424	428	rVV2	299	309	0.03%	0.003%
10	4.605	439	443	444	rBV2	537	623	0.06%	0.007%
11	4.916	484	494	505	rVV3	3736	11975	1.11%	0.134%
12	5.659	614	616	618	rVB2	350	309	0.03%	0.003%
13	5.690	618	621	625	rBV2	248	446	0.04%	0.005%
14	5.781	634	636	641	rBV3	313	529	0.05%	0.006%
15	5.946	654	663	670	rBV3	2423	7168	0.66%	0.080%
16	6.129	690	693	694	rBV2	389	348	0.03%	0.004%
17	6.373	727	733	735	rBV2	204	349	0.03%	0.004%
18	6.488	749	752	756	rBV3	182	365	0.03%	0.004%
19	7.092	841	851	858	rBV2	36319	110402	10.24%	1.237%
20	7.360	893	895	898	rVB2	389	439	0.04%	0.005%
21	7.397	898	901	902	rBV	440	532	0.05%	0.006%
22	7.653	932	943	958	rVV	190949	462415	42.89%	5.181%
23	7.805	966	968	971	rVV3	353	365	0.03%	0.004%
24	7.885	977	981	983	rBV	335	366	0.03%	0.004%
25	8.281	1036	1046	1064	rVB2	350113	1078121	100.00%	12.079%
26	8.573	1091	1094	1095	rBV	422	443	0.04%	0.005%
27	8.622	1098	1102	1103	rBV3	559	659	0.06%	0.007%
28	8.683	1109	1112	1113	rBV2	464	561	0.05%	0.006%
29	8.701	1113	1115	1120	rVB5	1269	1737	0.16%	0.019%
30	8.768	1124	1126	1129	rVB3	382	359	0.03%	0.004%
31	8.848	1129	1139	1152	rBV	418627	814250	75.52%	9.123%
32	9.000	1163	1164	1167	rBV	383	443	0.04%	0.005%
33	9.073	1172	1176	1177	rBV3	840	1193	0.11%	0.013%
34	9.281	1200	1210	1218	rBV	251195	500313	46.41%	5.605%

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Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40H9

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\SOM2WLM100918S.M
Title : VOC Analysis

35	9.433	1233	1235	1236	rBV2	428	319	0.03%	0.004%
36	9.488	1242	1244	1245	rBV2	346	297	0.03%	0.003%
37	9.506	1245	1247	1250	rVV2	356	515	0.05%	0.006%
38	9.659	1268	1272	1278	rVB3	1535	2867	0.27%	0.032%
39	9.750	1284	1287	1289	rBV2	494	579	0.05%	0.006%
40	9.793	1289	1294	1296	rBV5	568	954	0.09%	0.011%
41	10.037	1327	1334	1343	rVV	113715	207715	19.27%	2.327%
42	10.098	1343	1344	1346	rVV2	703	722	0.07%	0.008%
43	10.128	1346	1349	1358	rVB4	1611	3253	0.30%	0.036%
44	10.207	1358	1362	1363	rBV4	246	371	0.03%	0.004%
45	10.329	1374	1382	1389	rBV	515063	912422	84.63%	10.223%
46	10.390	1389	1392	1397	rVV	8418	14544	1.35%	0.163%
47	10.427	1397	1398	1402	rVV3	715	771	0.07%	0.009%
48	10.463	1402	1404	1406	rVV3	312	314	0.03%	0.004%
49	10.506	1408	1411	1415	rVV4	722	1118	0.10%	0.013%
50	10.579	1415	1423	1433	rVB	78353	138387	12.84%	1.550%
51	10.713	1438	1445	1452	rBV2	4194	7561	0.70%	0.085%
52	10.817	1458	1462	1464	rVB2	312	399	0.04%	0.004%
53	10.933	1474	1481	1493	rBV	141459	251054	23.29%	2.813%
54	11.067	1499	1503	1514	rVB6	2750	6351	0.59%	0.071%
55	11.634	1588	1596	1603	rBV	574879	960874	89.12%	10.766%
56	11.841	1626	1630	1638	rVB	1384	2231	0.21%	0.025%
57	12.006	1650	1657	1664	rVB	139388	218891	20.30%	2.452%
58	12.061	1664	1666	1667	rBV2	354	318	0.03%	0.004%
59	12.109	1670	1674	1676	rVV3	314	445	0.04%	0.005%
60	12.170	1678	1684	1688	rBV5	1134	2209	0.20%	0.025%
61	12.207	1688	1690	1693	rVV3	396	436	0.04%	0.005%
62	12.237	1693	1695	1697	rVV3	310	299	0.03%	0.003%
63	12.262	1697	1699	1704	rVV2	355	441	0.04%	0.005%
64	12.335	1708	1711	1712	rBV2	604	539	0.05%	0.006%
65	12.371	1716	1717	1723	rVB3	1045	1220	0.11%	0.014%
66	12.475	1727	1734	1742	rBV	226122	372445	34.55%	4.173%
67	12.567	1743	1749	1752	rVV3	1362	2641	0.24%	0.030%
68	12.615	1752	1757	1763	rVB	11441	19325	1.79%	0.217%
69	12.701	1763	1771	1785	rVB	252922	479087	44.44%	5.368%
70	12.817	1789	1790	1795	rVB2	362	378	0.04%	0.004%
71	12.938	1806	1810	1819	rBV5	1193	2248	0.21%	0.025%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : A40H9

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\SOM2WLM100918S.M
Title : VOC Analysis

72	13.030	1820	1825	1832	rVB2	14000	23419	2.17%	0.262%
73	13.262	1861	1863	1868	rVB2	649	787	0.07%	0.009%
74	13.304	1868	1870	1874	rVB4	429	532	0.05%	0.006%
75	13.390	1880	1884	1885	rBV	561	690	0.06%	0.008%
76	13.420	1885	1889	1893	rVB6	1563	2398	0.22%	0.027%
77	13.481	1893	1899	1906	rBV5	6756	13688	1.27%	0.153%
78	13.566	1906	1913	1920	rVV	536197	849922	78.83%	9.522%
79	13.658	1924	1928	1935	rVB	4000	6226	0.58%	0.070%
80	13.774	1942	1947	1952	rBV5	818	1401	0.13%	0.016%
81	13.859	1954	1961	1973	rVB	454087	735477	68.22%	8.240%
82	14.018	1984	1987	1989	rVV3	438	463	0.04%	0.005%
83	14.079	1989	1997	2004	rVV2	12141	21311	1.98%	0.239%
84	14.335	2036	2039	2043	rBV4	1597	2460	0.23%	0.028%
85	14.456	2057	2059	2063	rVB2	445	536	0.05%	0.006%
86	14.536	2063	2072	2079	rBV5	2712	5521	0.51%	0.062%
87	14.591	2079	2081	2084	rVB2	343	392	0.04%	0.004%
88	14.633	2084	2088	2089	rBV2	543	605	0.06%	0.007%
89	14.700	2097	2099	2101	rVV2	490	617	0.06%	0.007%
90	14.737	2101	2105	2107	rVB4	717	1091	0.10%	0.012%
91	14.804	2114	2116	2118	rVB3	475	393	0.04%	0.004%
92	14.895	2125	2131	2141	rVB2	16939	28183	2.61%	0.316%
93	15.078	2156	2161	2168	rVB6	2566	4723	0.44%	0.053%
94	15.139	2168	2171	2175	rBV4	853	1406	0.13%	0.016%
95	15.206	2180	2182	2184	rBV2	427	501	0.05%	0.006%
96	15.225	2184	2185	2189	rVV2	731	540	0.05%	0.006%
97	15.267	2189	2192	2195	rVV3	632	671	0.06%	0.008%
98	15.511	2225	2232	2239	rBV	6350	11586	1.07%	0.130%
99	15.682	2257	2260	2263	rBV4	484	650	0.06%	0.007%
100	15.816	2278	2282	2285	rBV4	992	1359	0.13%	0.015%

Sum of corrected areas: 8925478

LSC Report - Integrated Chromatogram

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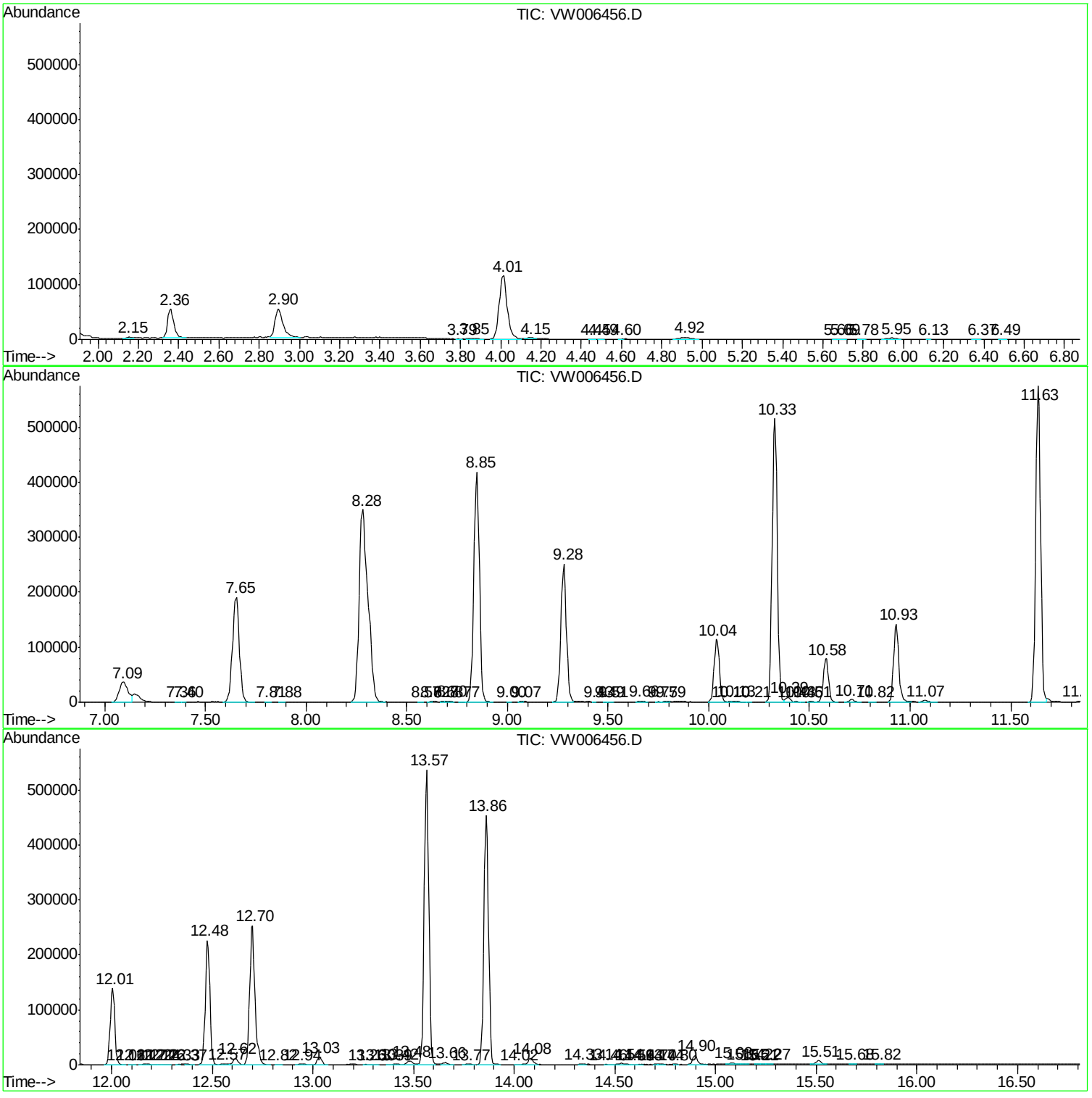
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40H9

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\VW103018\
Data File : VW006456.D
Acq On : 29 Oct 2018 15:32
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Instrument : MSVOA_W
ClientSampleId : A40H9

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

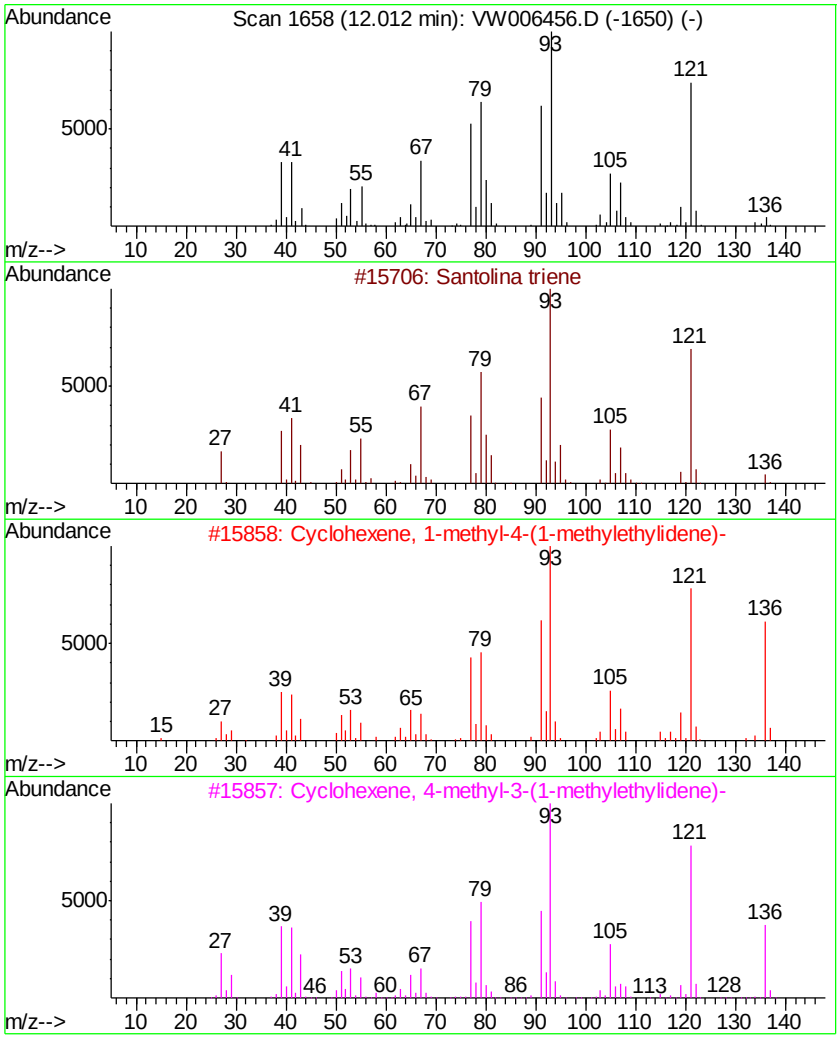
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

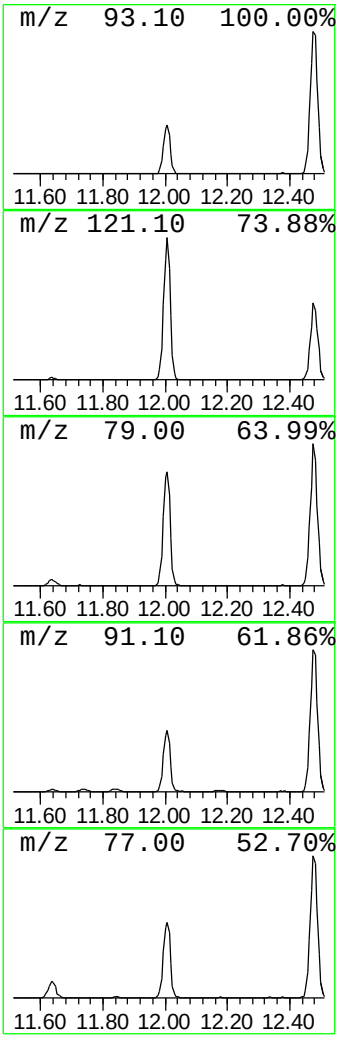
****

Peak Number 2 Santolina triene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	5.70 ug/L	218891	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Santolina triene	136	C10H16	002153-66-4	96
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	72
3	Cyclohexene, 4-methyl-3-(1-methy...	136	C10H16	099805-90-0	59
4	1,3,7-Octatriene, 3,7-dimethyl-	136	C10H16	000502-99-8	53
5	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	52





Library Search Compound Report

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Instrument : MSVOA_W
ClientSampleId : A40H9

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

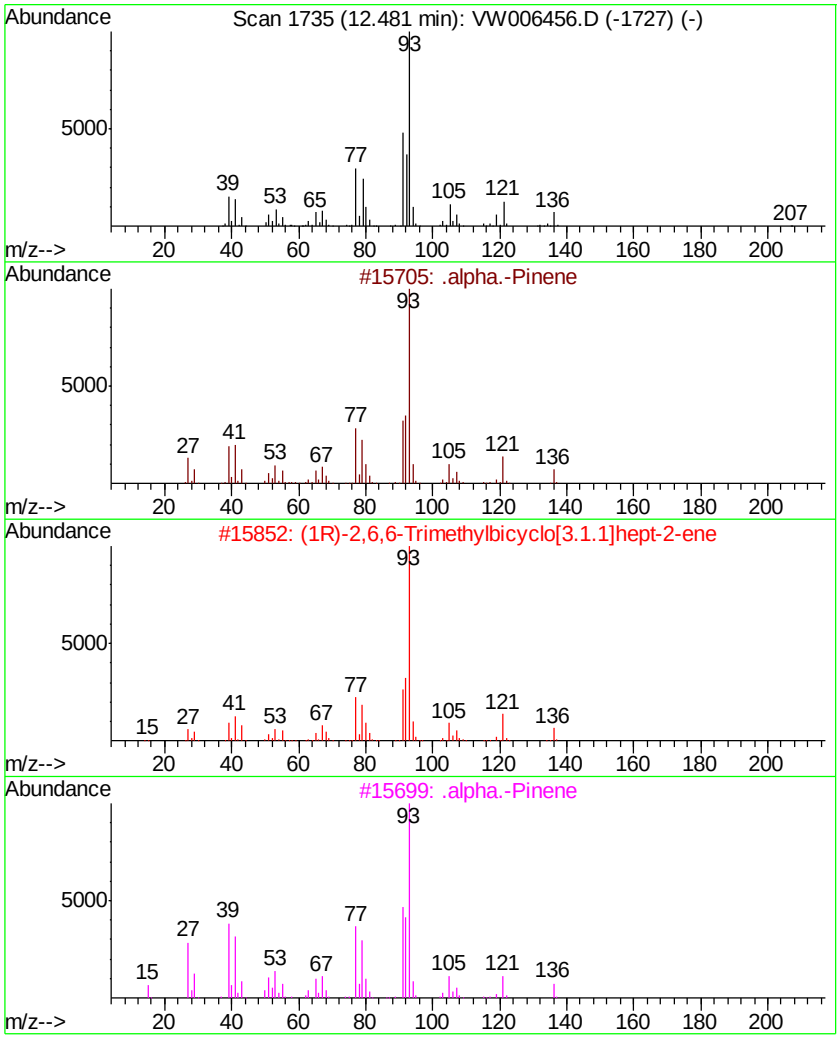
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

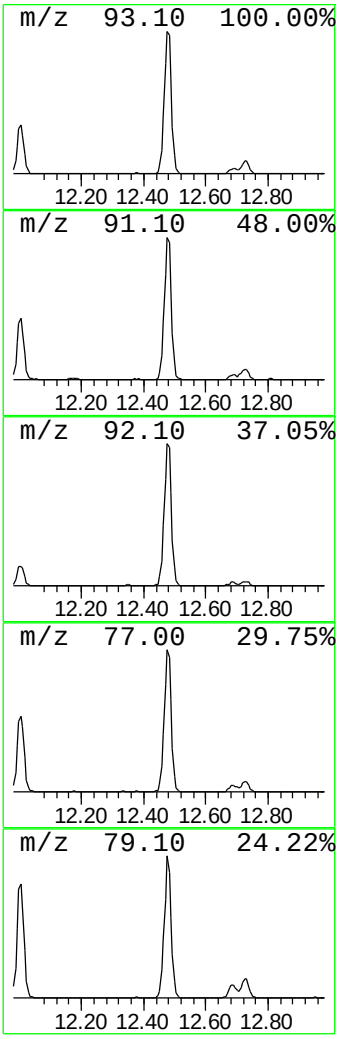
****

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	9.69 ug/L	372445	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94





Tentatively Identified Compound (LSC) summary

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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
Santolina triene	12.01	5.7	ug/L	218891	2	11.63	960874	25.0
.alpha.-Pinene	12.48	9.7	ug/L	372445	2	11.63	960874	25.0