LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
Data File : VV009547.D
Acq On : 08 Mar 2019 18:58
Operator : SY/MD
Sample : K1736-10
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF626

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_V\METHOD\SOM2VLM030519S.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	1.319	65	71	81	rVB	57014	59541	11.81%	1.609%
2	1.569	145	149	163	rVB	109995	120656	23.93%	3.261%
3	2.126	313	322	337	rVB	154657	215004	42.64%	5.811%
4	2.341	387	389	391	rBV	533	256	0.05%	0.007%
5	2.434	415	418	422	rBV2	284	226	0.04%	0.006%
6	2.534	441	449	465	rVB3	6836	11864	2.35%	0.321%
7	2.659	475	488	492	rBV	3623	6383	1.27%	0.173%
8	2.814	529	536	537	rBV	229	251	0.05%	0.007%
9	2.865	548	552	557	rBV2	238	269	0.05%	0.007%
10	2.962	579	582	587	rVV2	252	213	0.04%	0.006%
11	3.074	608	617	627	rBV3	1396	2631	0.52%	0.071%
12	3.219	660	662	667	rBV2	222	232	0.05%	0.006%
13	3.290	680	684	687	rBV	163	145	0.03%	0.004%
14	3.325	691	695	697	rBV	310	303	0.06%	0.008%
15	3.396	713	717	720	rVB	234	146	0.03%	0.004%
16	3.425	720	726	728	rBV2	307	232	0.05%	0.006%
17	3.576	770	773	775	rBV2	284	147	0.03%	0.004%
18	3.618	782	786	789	rVB2	259	157	0.03%	0.004%
19	3.692	804	809	813	rVB	139	154	0.03%	0.004%
20	3.714	813	816	819	rBV	311	277	0.05%	0.007%
21	3.817	846	848	851	rBV	326	141	0.03%	0.004%
22	3.952	875	890	895	rBV2	12443	28140	5.58%	0.761%
23	4.274	988	990	993	rBV2	346	178	0.04%	0.005%
24	4.402	1013	1030	1057	rBV	88618	219289	43.49%	5.927%
25	4.624	1093	1099	1101	rBV3	272	285	0.06%	0.008%
26	4.714	1122	1127	1128	rBV2	412	275	0.05%	0.007%
27	4.859	1169	1172	1175	rVB2	257	152	0.03%	0.004%
28	5.003	1214	1217	1223	rBV	145	155	0.03%	0.004%
29	5.097	1228	1246	1266	rBV2	202779	504218	100.00%	13.628%
30	5.418	1344	1346	1350	rVB2	249	159	0.03%	0.004%
31	5.473	1358	1363	1368	rBV2	288	254	0.05%	0.007%
32	5.572	1391	1394	1398	rBV2	150	162	0.03%	0.004%
33	5.663	1409	1422	1446	rBV	172572	350013	69.42%	9.460%
34	6.000	1520	1527	1533	rVB2	186	290	0.06%	0.008%

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Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF626

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_V\METHOD\SOM2VLM030519S.M
Title : VOC Analysis

35	6.032	1534	1537	1539	rBV	264	177	0.04%	0.005%
36	6.119	1549	1564	1588	rBV	114197	236846	46.97%	6.401%
37	6.351	1630	1636	1643	rBV2	201	315	0.06%	0.009%
38	6.425	1656	1659	1662	rBV	342	224	0.04%	0.006%
39	6.444	1662	1665	1670	rVB	269	272	0.05%	0.007%
40	6.537	1692	1694	1699	rVV2	200	149	0.03%	0.004%
41	6.646	1725	1728	1730	rBV3	202	156	0.03%	0.004%
42	6.711	1739	1748	1758	rBV2	1554	3195	0.63%	0.086%
43	6.753	1758	1761	1764	rVB2	329	242	0.05%	0.007%
44	6.798	1771	1775	1778	rBV2	225	164	0.03%	0.004%
45	6.968	1822	1828	1832	rBV2	403	541	0.11%	0.015%
46	7.029	1836	1847	1869	rVV	53684	98750	19.58%	2.669%
47	7.132	1872	1879	1892	rVV4	3641	6039	1.20%	0.163%
48	7.190	1892	1897	1901	rVB3	367	321	0.06%	0.009%
49	7.289	1921	1928	1938	rBV5	2243	3740	0.74%	0.101%
50	7.360	1938	1950	1969	rBV	236326	415116	82.33%	11.219%
51	7.621	2027	2031	2034	rBV	250	194	0.04%	0.005%
52	7.666	2034	2045	2060	rBV	34590	59821	11.86%	1.617%
53	7.788	2079	2083	2085	rBV2	368	285	0.06%	0.008%
54	7.984	2135	2144	2155	rBV3	1982	4051	0.80%	0.109%
55	8.135	2181	2191	2214	rBV3	45590	99323	19.70%	2.684%
56	8.386	2266	2269	2271	rVB2	336	173	0.03%	0.005%
57	8.463	2286	2293	2304	rVB3	4389	6626	1.31%	0.179%
58	8.897	2415	2428	2448	rBV	248731	412737	81.86%	11.155%
59	9.042	2470	2473	2478	rBV2	156	159	0.03%	0.004%
60	9.627	2652	2655	2657	rBV2	264	164	0.03%	0.004%
61	9.797	2703	2708	2717	rBV5	1429	1466	0.29%	0.040%
62	9.949	2747	2755	2764	rVB5	5532	8086	1.60%	0.219%
63	10.045	2782	2785	2788	rBV	326	210	0.04%	0.006%
64	10.119	2804	2808	2810	rBV2	271	209	0.04%	0.006%
65	10.177	2824	2826	2828	rBV	285	150	0.03%	0.004%
66	10.228	2832	2842	2843	rBV3	17749	19417	3.85%	0.525%
67	10.428	2894	2904	2915	rVB4	7316	12559	2.49%	0.339%
68	10.569	2945	2948	2953	rBV2	233	189	0.04%	0.005%
69	10.624	2957	2965	2972	rVV4	8114	12390	2.46%	0.335%
70	10.669	2973	2979	2990	rVB6	6107	8808	1.75%	0.238%
71	10.781	3010	3014	3018	rBV	277	286	0.06%	0.008%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF626

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_V\METHOD\SOM2VLM030519S.M
Title : VOC Analysis

72	10.939	3053	3063	3070	rBV2	15602	23109	4.58%	0.625%
73	11.193	3136	3142	3147	rBV4	655	740	0.15%	0.020%
74	11.238	3147	3156	3163	rVV4	13783	21974	4.36%	0.594%
75	11.296	3163	3174	3192	rVB2	244234	425140	84.32%	11.490%
76	11.415	3207	3211	3213	rBV2	175	149	0.03%	0.004%
77	11.579	3259	3262	3272	rBV5	1079	1319	0.26%	0.036%
78	11.672	3279	3291	3308	rVB	163203	262589	52.08%	7.097%
79	11.733	3308	3310	3315	rBV2	394	279	0.06%	0.008%
80	11.858	3346	3349	3352	rBV2	212	145	0.03%	0.004%
81	11.874	3352	3354	3357	rVB2	347	196	0.04%	0.005%
82	11.952	3371	3378	3387	rVB6	2550	3275	0.65%	0.089%
83	12.077	3414	3417	3419	rBV	252	162	0.03%	0.004%
84	12.164	3440	3444	3447	rBV	250	226	0.04%	0.006%
85	12.299	3477	3486	3496	rBV3	2838	4892	0.97%	0.132%
86	12.524	3554	3556	3558	rBV	357	184	0.04%	0.005%
87	12.588	3574	3576	3581	rBV	358	236	0.05%	0.006%
88	12.682	3603	3605	3607	rBV2	231	142	0.03%	0.004%
89	12.752	3621	3627	3637	rBV6	5151	7235	1.43%	0.196%
90	13.132	3738	3745	3750	rBV2	384	565	0.11%	0.015%
91	13.212	3764	3770	3779	rVB7	3226	4857	0.96%	0.131%
92	13.341	3806	3810	3812	rBV	291	218	0.04%	0.006%
93	13.630	3897	3900	3903	rBV2	417	282	0.06%	0.008%
94	13.762	3938	3941	3943	rBV	391	222	0.04%	0.006%
95	13.794	3944	3951	3960	rVV3	2708	4119	0.82%	0.111%
96	13.881	3976	3978	3982	rBV2	260	166	0.03%	0.004%
97	13.935	3993	3995	3997	rBV2	355	215	0.04%	0.006%
98	13.948	3997	3999	4003	rVB	479	268	0.05%	0.007%
99	13.971	4003	4006	4007	rBV	343	196	0.04%	0.005%
100	14.061	4029	4034	4039	rBV2	406	506	0.10%	0.014%

Sum of corrected areas: 3699954

LSC Report - Integrated Chromatogram

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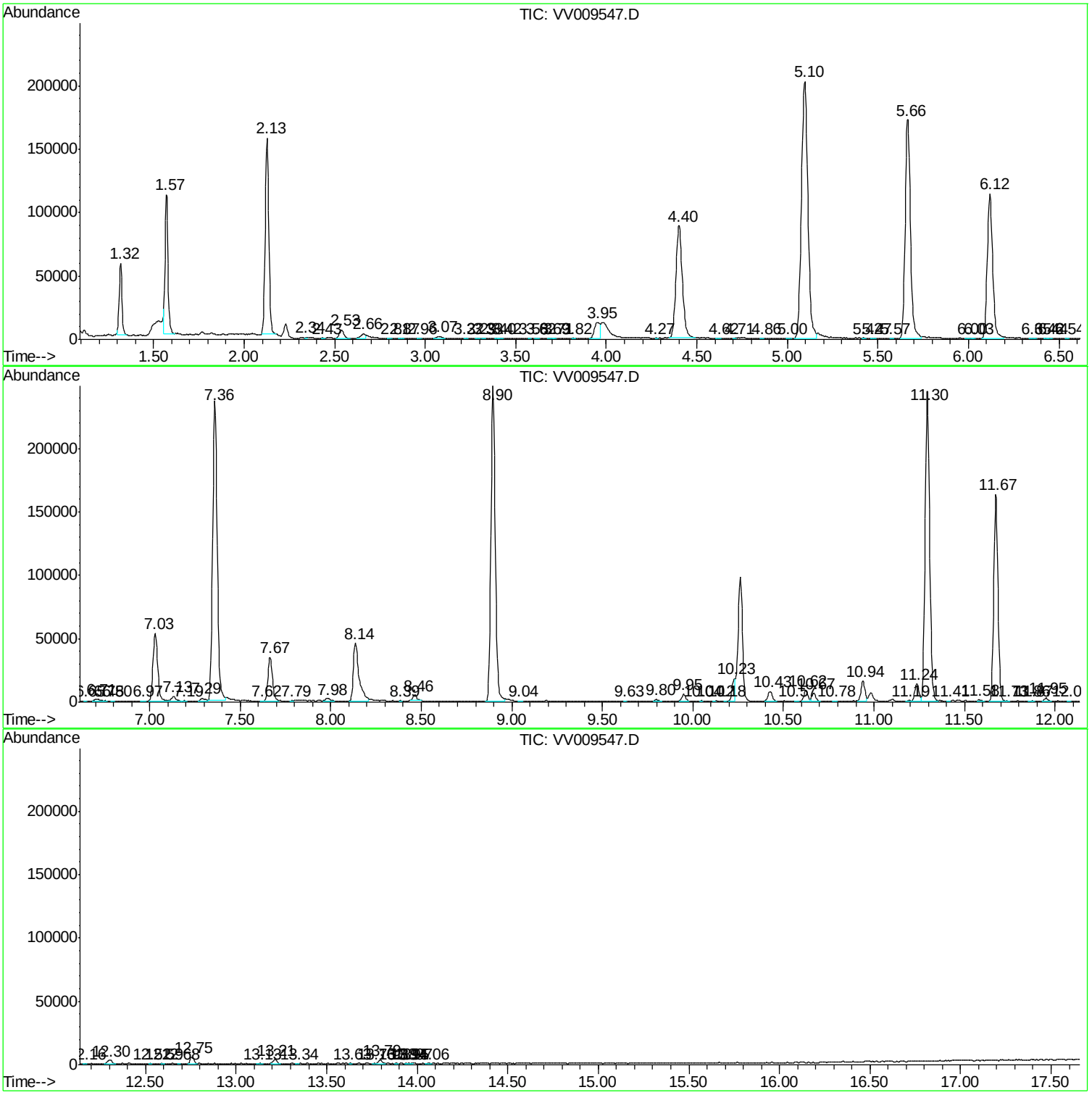
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.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_V\DATA\VV030819\
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Quant Title : VOC Analysis

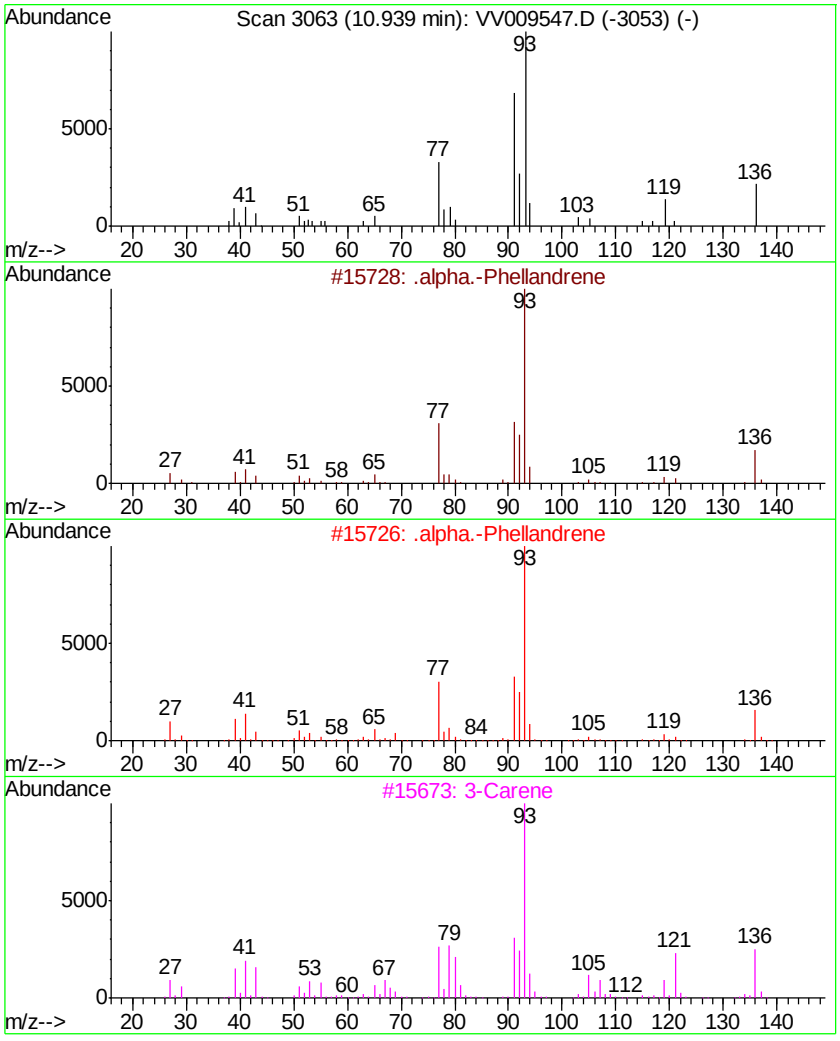
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

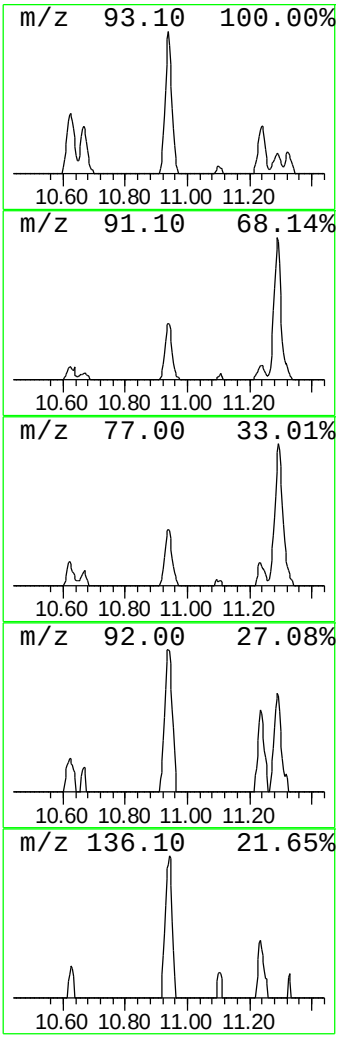
****

Peak Number 2 .alpha.-Phellandrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	1.36 ug/L	23109	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Phellandrene	136	C10H16	000099-83-2	90
2	.alpha.-Phellandrene	136	C10H16	000099-83-2	87
3	3-Carene	136	C10H16	013466-78-9	80
4	4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	80
5	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	78





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId : BF626

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis

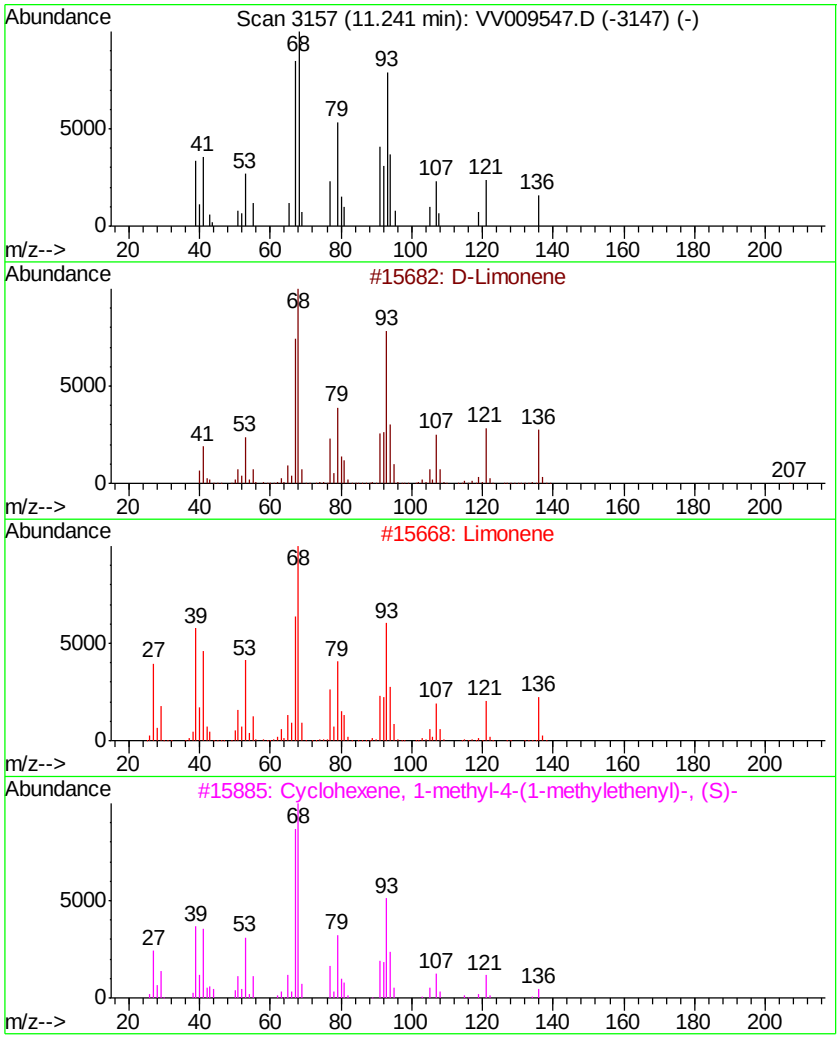
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

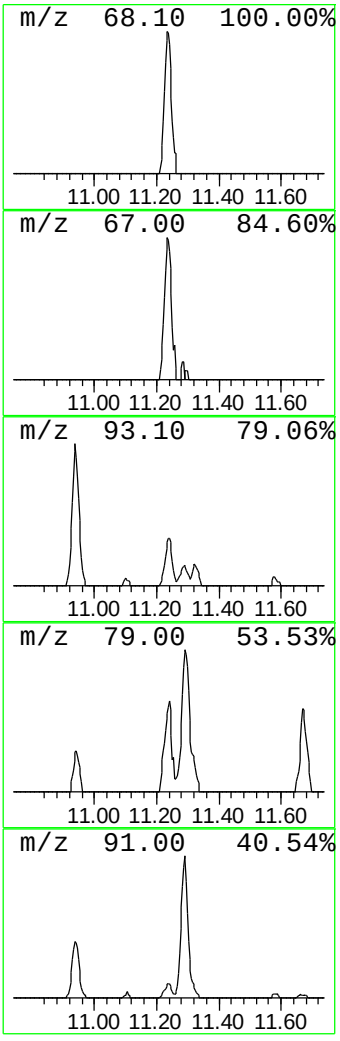
****

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	1.29 ug/L	21974	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	95
2	Limonene	136	C10H16	000138-86-3	93
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83
4	D-Limonene	136	C10H16	005989-27-5	81
5	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	74





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
.alpha.-Phellandrene	10.94	1.4	ug/L	23109	3	11.30	425140	25.0
D-Limonene	11.24	1.3	ug/L	21974	3	11.30	425140	25.0