

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017219.D
 Acq On : 13 Nov 2020 17:47
 Operator : SY/VA
 Sample : L4711-06
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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	2.355	68	74	87	rVB	103634	191654	14.77%	2.057%
2	2.891	154	162	177	rBV	73597	180994	13.95%	1.943%
3	3.385	236	243	248	rBV6	1220	3016	0.23%	0.032%
4	3.690	286	293	294	rBV2	536	742	0.06%	0.008%
5	3.916	328	330	334	rVB	247	179	0.01%	0.002%
6	4.019	334	347	367	rBV	165591	485739	37.45%	5.214%
7	4.208	371	378	390	rVB	6900	18931	1.46%	0.203%
8	4.342	399	400	402	rBV2	225	187	0.01%	0.002%
9	4.391	402	408	410	rBV2	968	1793	0.14%	0.019%
10	4.513	425	428	430	rBV2	121	170	0.01%	0.002%
11	4.611	438	444	445	rBV2	590	942	0.07%	0.010%
12	4.922	483	495	515	rVB2	19963	69317	5.34%	0.744%
13	5.111	521	526	527	rBV3	442	637	0.05%	0.007%
14	5.446	579	581	583	rVB	333	223	0.02%	0.002%
15	5.641	611	613	616	rVB	213	193	0.01%	0.002%
16	5.684	616	620	623	rBV2	185	260	0.02%	0.003%
17	5.812	639	641	644	rBV2	216	174	0.01%	0.002%
18	5.873	649	651	654	rVV2	208	169	0.01%	0.002%
19	5.952	654	664	672	rVV5	4609	13634	1.05%	0.146%
20	6.080	683	685	688	rVB2	347	212	0.02%	0.002%
21	6.220	706	708	711	rBV2	255	355	0.03%	0.004%
22	6.592	766	769	770	rVB	205	173	0.01%	0.002%
23	6.775	797	799	803	rVV2	157	176	0.01%	0.002%
24	6.878	813	816	818	rVB2	179	190	0.01%	0.002%
25	7.086	841	850	852	rBV	14336	31351	2.42%	0.337%
26	7.378	896	898	900	rBV3	243	218	0.02%	0.002%
27	7.653	932	943	958	rBV	235860	578535	44.60%	6.210%
28	7.958	988	993	998	rVB4	596	1264	0.10%	0.014%
29	8.000	998	1000	1004	rBV2	287	425	0.03%	0.005%
30	8.098	1013	1016	1018	rBV2	205	225	0.02%	0.002%
31	8.183	1028	1030	1032	rBV	221	165	0.01%	0.002%
32	8.281	1035	1046	1066	rVV2	446761	1297180	100.00%	13.923%
33	8.494	1080	1081	1085	rVB2	268	244	0.02%	0.003%
34	8.585	1094	1096	1100	rBV2	217	304	0.02%	0.003%

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 Title : VOC Analysis

35	8.695	1111	1114	1115	rBV2	455	450	0.03%	0.005%
36	8.842	1129	1138	1156	rBV	522336	1042026	80.33%	11.184%
37	9.085	1172	1178	1182	rBV3	1892	3452	0.27%	0.037%
38	9.201	1193	1197	1200	rBV2	151	297	0.02%	0.003%
39	9.274	1200	1209	1219	rBV	280248	577079	44.49%	6.194%
40	9.488	1241	1244	1245	rBV2	277	238	0.02%	0.003%
41	9.543	1251	1253	1256	rBV2	167	169	0.01%	0.002%
42	9.610	1263	1264	1267	rVB2	185	172	0.01%	0.002%
43	9.665	1267	1273	1278	rBV2	1017	1632	0.13%	0.018%
44	9.726	1280	1283	1285	rBV	193	264	0.02%	0.003%
45	9.793	1291	1294	1295	rBV	163	204	0.02%	0.002%
46	9.841	1300	1302	1306	rVB3	377	382	0.03%	0.004%
47	9.902	1306	1312	1317	rVB3	998	2030	0.16%	0.022%
48	10.036	1327	1334	1344	rBV2	100785	186961	14.41%	2.007%
49	10.128	1344	1349	1356	rVB3	4657	9765	0.75%	0.105%
50	10.219	1356	1364	1369	rBV2	1906	4021	0.31%	0.043%
51	10.323	1373	1381	1389	rBV	618199	1100945	84.87%	11.817%
52	10.579	1416	1423	1434	rBV	64917	114120	8.80%	1.225%
53	10.707	1437	1444	1450	rBV	23851	42804	3.30%	0.459%
54	10.853	1467	1468	1474	rVB5	1160	1604	0.12%	0.017%
55	10.927	1474	1480	1494	rBV	54998	114370	8.82%	1.228%
56	11.067	1497	1503	1512	rVB	15768	26835	2.07%	0.288%
57	11.237	1529	1531	1533	rVB3	384	283	0.02%	0.003%
58	11.262	1533	1535	1539	rBV3	543	554	0.04%	0.006%
59	11.439	1559	1564	1571	rVB	12129	19376	1.49%	0.208%
60	11.634	1588	1596	1607	rBV	604001	1044213	80.50%	11.208%
61	11.780	1618	1620	1623	rBV2	301	236	0.02%	0.003%
62	11.835	1626	1629	1637	rVB3	1083	2033	0.16%	0.022%
63	11.890	1637	1638	1640	rBV2	370	268	0.02%	0.003%
64	11.920	1642	1643	1646	rBV2	306	247	0.02%	0.003%
65	12.012	1656	1658	1659	rBV	319	202	0.02%	0.002%
66	12.128	1673	1677	1680	rVB3	252	437	0.03%	0.005%
67	12.170	1680	1684	1686	rBV4	1202	1551	0.12%	0.017%
68	12.219	1690	1692	1694	rVV2	225	181	0.01%	0.002%
69	12.249	1695	1697	1700	rVB2	240	222	0.02%	0.002%
70	12.341	1707	1712	1716	rBV3	1334	2257	0.17%	0.024%
71	12.426	1724	1726	1727	rBV2	190	185	0.01%	0.002%

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72	12.475	1727	1734	1742	rBV	202912	339351	26.16%	3.642%
73	12.609	1749	1756	1763	rVB	45888	81172	6.26%	0.871%
74	12.695	1763	1770	1786	rVB	175167	336532	25.94%	3.612%
75	12.859	1793	1797	1798	rBV2	395	384	0.03%	0.004%
76	12.877	1798	1800	1803	rVB3	325	325	0.03%	0.003%
77	12.932	1803	1809	1819	rBV4	10495	21824	1.68%	0.234%
78	13.030	1819	1825	1831	rVB	15571	26747	2.06%	0.287%
79	13.085	1832	1834	1837	rVB3	649	509	0.04%	0.005%
80	13.115	1837	1839	1840	rBV2	513	298	0.02%	0.003%
81	13.298	1863	1869	1875	rVB2	6752	11320	0.87%	0.122%
82	13.365	1875	1880	1883	rBV4	1520	2720	0.21%	0.029%
83	13.408	1883	1887	1892	rVB3	3818	6222	0.48%	0.067%
84	13.469	1892	1897	1905	rBV2	25171	48643	3.75%	0.522%
85	13.560	1905	1912	1919	rBV	407618	658483	50.76%	7.068%
86	13.719	1934	1938	1941	rBV5	1314	2009	0.15%	0.022%
87	13.768	1942	1946	1950	rBV3	1887	2702	0.21%	0.029%
88	13.853	1953	1960	1967	rBV	308101	516791	39.84%	5.547%
89	13.999	1981	1984	1990	rVB5	3031	4985	0.38%	0.054%
90	14.072	1990	1996	2001	rBV	17107	27592	2.13%	0.296%
91	14.145	2007	2008	2011	rBV3	476	435	0.03%	0.005%
92	14.310	2029	2035	2038	rBV3	934	2183	0.17%	0.023%
93	14.511	2067	2068	2069	rBV	592	291	0.02%	0.003%
94	14.676	2094	2095	2097	rBV2	344	308	0.02%	0.003%
95	14.731	2100	2104	2110	rVB4	1523	2295	0.18%	0.025%
96	14.834	2118	2121	2124	rBV2	693	898	0.07%	0.010%
97	15.231	2182	2186	2192	rBV4	3043	4577	0.35%	0.049%
98	15.304	2193	2198	2207	rVB2	13432	21199	1.63%	0.228%
99	15.438	2215	2220	2226	rVB3	7478	13289	1.02%	0.143%
100	15.834	2283	2285	2287	rBV3	749	595	0.05%	0.006%

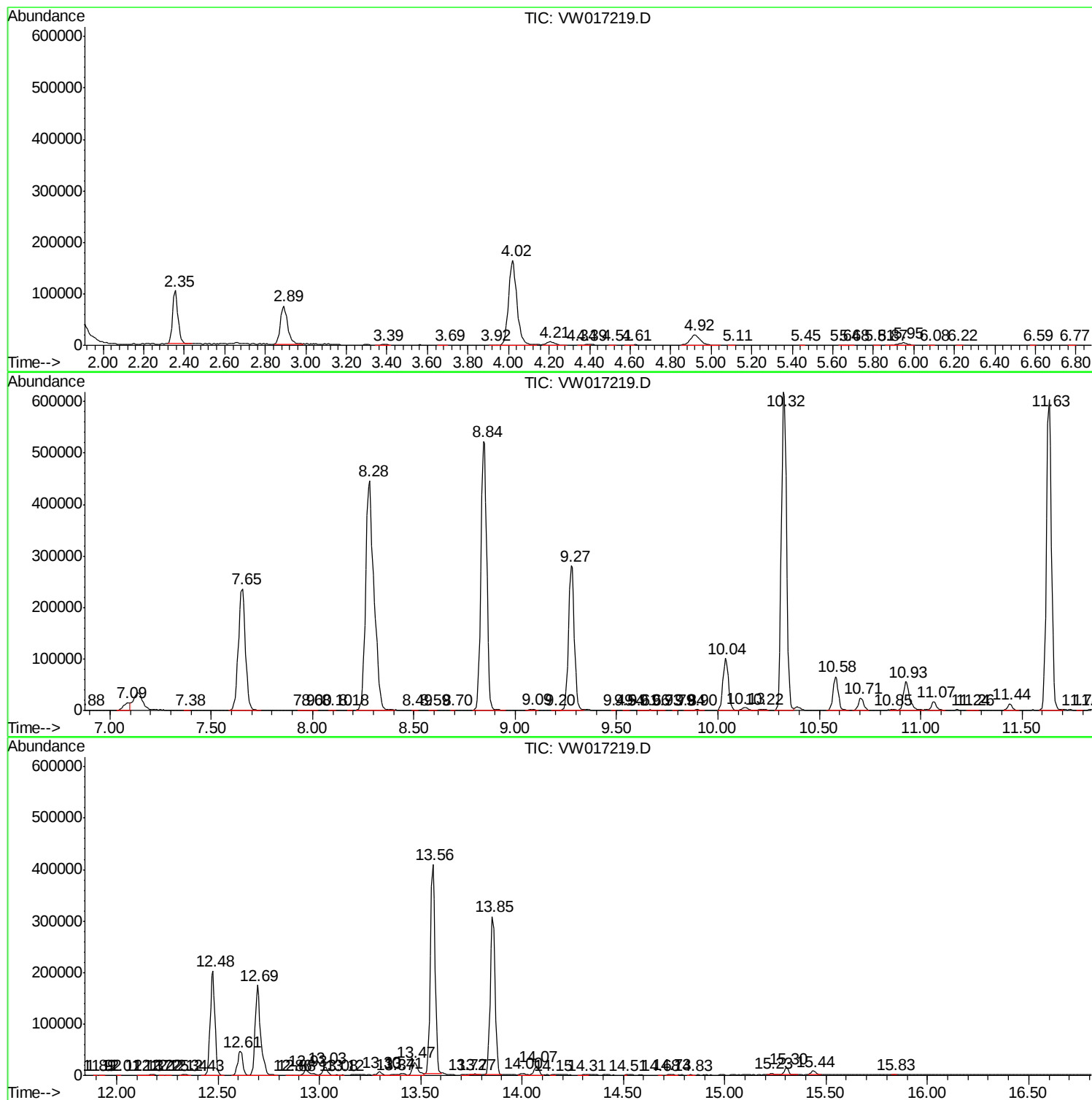
Sum of corrected areas: 9316715

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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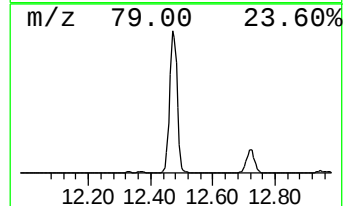
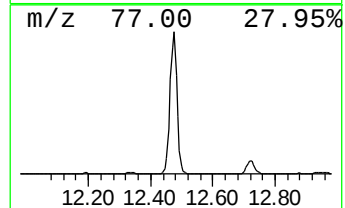
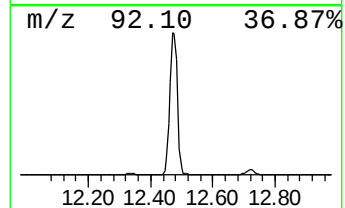
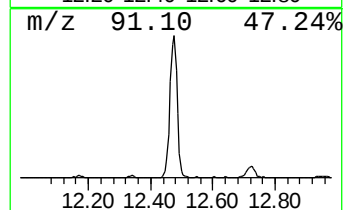
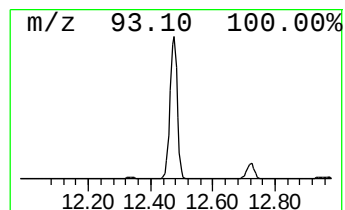
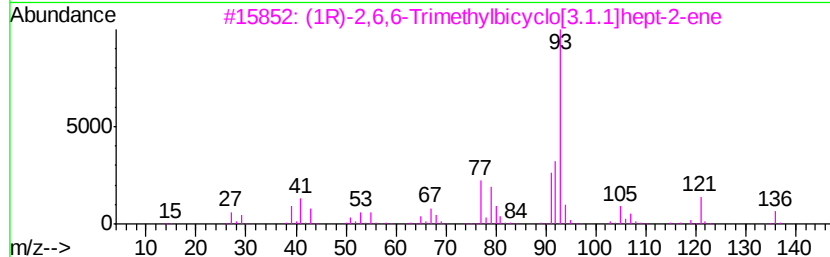
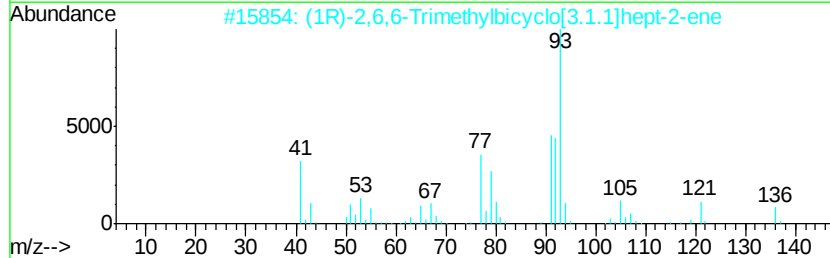
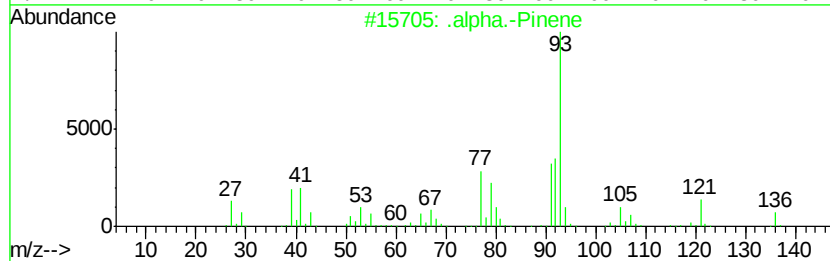
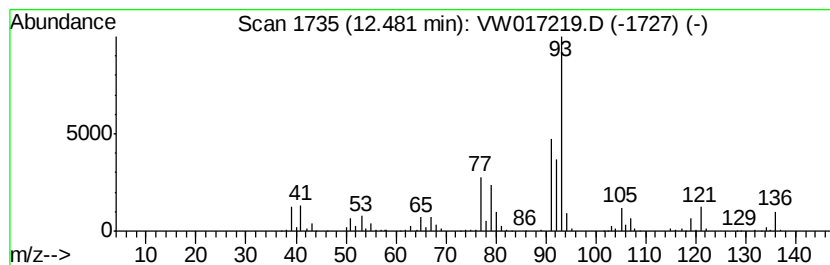
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	8.12 ug/L	339351	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	97
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		.alpha.-Pinene	136	C10H16	000080-56-8	91



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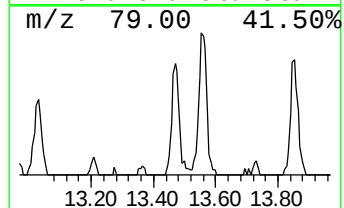
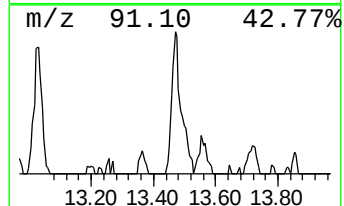
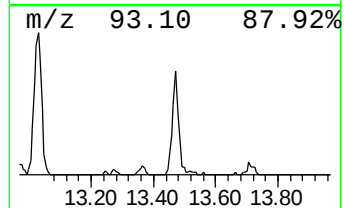
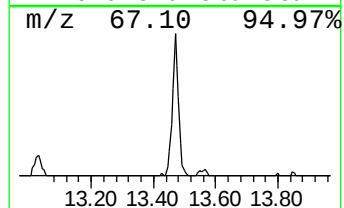
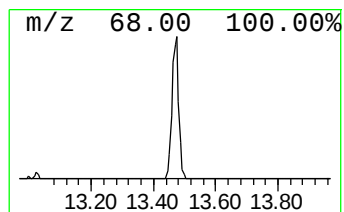
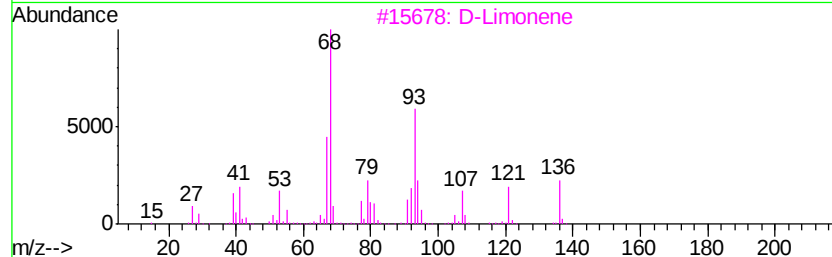
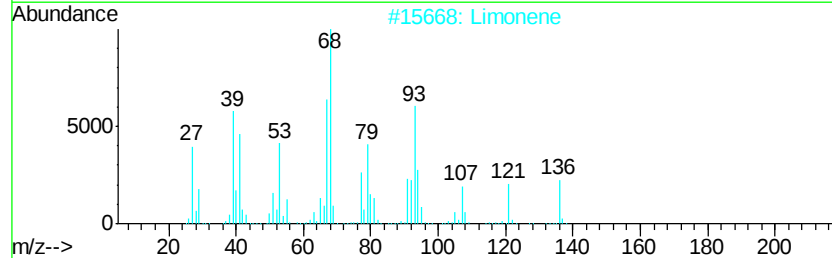
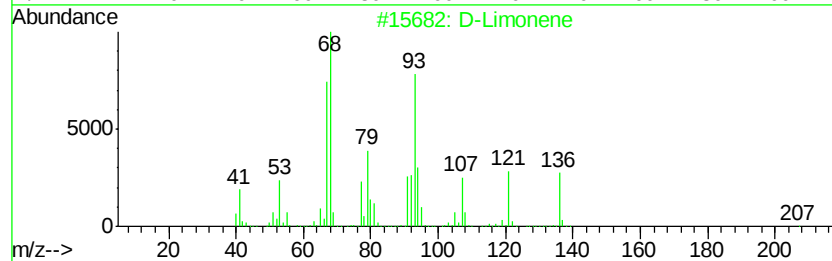
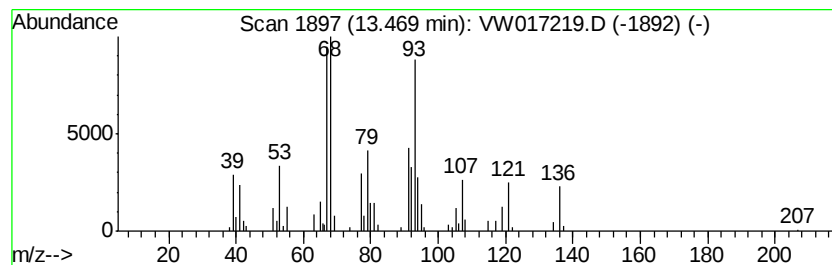
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Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.85 ug/L	48643	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	97
2		Limonene	136	C10H16	000138-86-3	95
3		D-Limonene	136	C10H16	005989-27-5	94
4		Limonene	136	C10H16	000138-86-3	91
5		D-Limonene	136	C10H16	005989-27-5	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	8.1	ug/L	339351	2	11.63	1044210	25.0
D-Limonene	13.47	1.9	ug/L	48643	3	13.56	658483	25.0