

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102818\
 Data File : VW006410.D
 Acq On : 26 Oct 2018 17:13
 Operator : SY/AP
 Sample : J5657-20
 Misc : 5.57G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40G5

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\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	2.148	37	40	42	rBV3	878	1256	0.07%	0.010%
2	2.361	68	75	87	rVB	56619	118164	6.99%	0.977%
3	2.897	155	163	178	rBV	52327	135887	8.03%	1.123%
4	3.720	291	298	309	rVB2	12429	31972	1.89%	0.264%
5	3.849	315	319	320	rBV3	1085	1183	0.07%	0.010%
6	3.928	330	332	334	rBV3	261	262	0.02%	0.002%
7	4.013	334	346	358	rVV	118474	328736	19.43%	2.717%
8	4.141	359	367	380	rVB2	18395	56929	3.37%	0.471%
9	4.324	395	397	400	rVB3	274	272	0.02%	0.002%
10	4.397	407	409	411	rBV2	265	241	0.01%	0.002%
11	4.470	411	421	424	rBV7	1149	3540	0.21%	0.029%
12	4.903	483	492	494	rBV	7112	13403	0.79%	0.111%
13	5.135	524	530	534	rBV3	342	682	0.04%	0.006%
14	5.202	537	541	542	rBV	265	227	0.01%	0.002%
15	5.787	634	637	639	rBV3	241	279	0.02%	0.002%
16	5.934	654	661	669	rVB5	1346	3938	0.23%	0.033%
17	6.281	713	718	721	rBV4	329	458	0.03%	0.004%
18	6.385	731	735	736	rBV2	210	260	0.02%	0.002%
19	6.629	773	775	780	rVB3	155	236	0.01%	0.002%
20	7.086	841	850	857	rBV	29564	87416	5.17%	0.723%
21	7.397	896	901	902	rBV3	213	270	0.02%	0.002%
22	7.543	921	925	926	rBV3	241	384	0.02%	0.003%
23	7.647	931	942	956	rBV	179456	440084	26.02%	3.637%
24	7.817	968	970	972	rVB	333	287	0.02%	0.002%
25	8.025	1002	1004	1005	rVB2	372	242	0.01%	0.002%
26	8.159	1024	1026	1029	rBV3	174	227	0.01%	0.002%
27	8.195	1029	1032	1035	rBV3	264	344	0.02%	0.003%
28	8.281	1035	1046	1061	rBV2	336822	1016359	60.09%	8.400%
29	8.573	1092	1094	1097	rVV4	427	587	0.03%	0.005%
30	8.628	1101	1103	1108	rVV5	794	1435	0.08%	0.012%
31	8.713	1108	1117	1122	rVV4	1101	3487	0.21%	0.029%
32	8.768	1124	1126	1130	rVV4	330	481	0.03%	0.004%
33	8.848	1130	1139	1148	rVV	416636	825470	48.80%	6.823%
34	9.073	1168	1176	1182	rBV8	1460	3890	0.23%	0.032%

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 Title : VOC Analysis

35	9.128	1184	1185	1192	rVB2	357	527	0.03%	0.004%
36	9.189	1192	1195	1197	rBV2	220	235	0.01%	0.002%
37	9.280	1201	1210	1219	rBV	231779	477839	28.25%	3.949%
38	9.433	1233	1235	1238	rBV3	394	390	0.02%	0.003%
39	9.494	1241	1245	1247	rBV3	288	372	0.02%	0.003%
40	9.549	1251	1254	1255	rBV	334	271	0.02%	0.002%
41	9.658	1266	1272	1277	rBV4	1178	2394	0.14%	0.020%
42	9.732	1277	1284	1286	rBV3	551	962	0.06%	0.008%
43	9.841	1300	1302	1303	rBV2	451	290	0.02%	0.002%
44	9.878	1306	1308	1310	rVB3	331	320	0.02%	0.003%
45	9.988	1321	1326	1327	rBV3	568	727	0.04%	0.006%
46	10.036	1327	1334	1343	rVV	118717	211361	12.50%	1.747%
47	10.128	1348	1349	1354	rVB3	1126	1042	0.06%	0.009%
48	10.183	1356	1358	1360	rBV2	388	498	0.03%	0.004%
49	10.207	1360	1362	1364	rBV3	236	255	0.02%	0.002%
50	10.329	1374	1382	1389	rBV	498351	887426	52.46%	7.335%
51	10.384	1389	1391	1395	rVV3	2588	4379	0.26%	0.036%
52	10.433	1395	1399	1405	rVV6	2531	4476	0.26%	0.037%
53	10.481	1405	1407	1410	rVV4	519	609	0.04%	0.005%
54	10.506	1410	1411	1414	rVB3	525	405	0.02%	0.003%
55	10.579	1416	1423	1435	rVB	77037	131390	7.77%	1.086%
56	10.707	1438	1444	1453	rBV	3669	7388	0.44%	0.061%
57	10.927	1474	1480	1491	rBV	117268	205918	12.17%	1.702%
58	11.030	1491	1497	1501	rBV2	9512	14635	0.87%	0.121%
59	11.183	1520	1522	1524	rVB2	359	249	0.01%	0.002%
60	11.262	1532	1535	1539	rVB2	264	415	0.02%	0.003%
61	11.305	1539	1542	1545	rBV2	259	437	0.03%	0.004%
62	11.634	1588	1596	1607	rBV	575195	958923	56.69%	7.926%
63	11.719	1607	1610	1611	rBV2	1415	1170	0.07%	0.010%
64	11.847	1627	1631	1636	rVB5	1051	1654	0.10%	0.014%
65	11.969	1649	1651	1658	rVB5	607	845	0.05%	0.007%
66	12.048	1662	1664	1667	rVB3	457	508	0.03%	0.004%
67	12.085	1667	1670	1673	rBV2	297	373	0.02%	0.003%
68	12.176	1683	1685	1688	rBV3	474	425	0.03%	0.004%
69	12.262	1697	1699	1701	rVB	356	260	0.02%	0.002%
70	12.292	1701	1704	1706	rBV2	262	270	0.02%	0.002%
71	12.371	1711	1717	1722	rBV3	3115	5167	0.31%	0.043%

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72	12.475	1722	1734	1741	rBV	511415	885381	52.34%	7.318%
73	12.701	1768	1771	1805	rVB3	421095	1691479	100.00%	13.981%
74	13.030	1819	1825	1832	rBV	184519	316175	18.69%	2.613%
75	13.475	1892	1898	1906	rBV2	26904	45774	2.71%	0.378%
76	13.566	1906	1913	1923	rVV	545680	899153	53.16%	7.432%
77	13.658	1925	1928	1932	rVV3	2582	3733	0.22%	0.031%
78	13.725	1934	1939	1943	rBB5	1511	2151	0.13%	0.018%
79	13.767	1943	1946	1949	rBV3	648	870	0.05%	0.007%
80	13.859	1953	1961	1971	rBV	442406	726054	42.92%	6.001%
81	13.950	1973	1976	1981	rBV2	446	628	0.04%	0.005%
82	14.005	1981	1985	1990	rVV6	2743	4626	0.27%	0.038%
83	14.042	1990	1991	1992	rVV	526	250	0.01%	0.002%
84	14.078	1992	1997	2009	rVB2	8570	14214	0.84%	0.117%
85	14.164	2009	2011	2015	rVB2	503	587	0.03%	0.005%
86	14.225	2017	2021	2023	rBV2	341	349	0.02%	0.003%
87	14.402	2028	2050	2065	rBV2	292809	1191107	70.42%	9.845%
88	14.536	2067	2072	2088	rVB4	15592	49884	2.95%	0.412%
89	14.725	2099	2103	2104	rBV2	689	967	0.06%	0.008%
90	14.834	2110	2121	2125	rBV8	6277	20398	1.21%	0.169%
91	15.078	2158	2161	2162	rBV2	674	726	0.04%	0.006%
92	15.115	2165	2167	2168	rBV2	603	431	0.03%	0.004%
93	15.145	2168	2172	2175	rBV3	1928	3134	0.19%	0.026%
94	15.511	2226	2232	2238	rBV2	7472	13233	0.78%	0.109%
95	15.645	2243	2254	2255	rBV2	11520	23183	1.37%	0.192%
96	15.810	2279	2281	2286	rVB5	1177	1925	0.11%	0.016%
97	16.072	2304	2324	2340	rVB4	34386	194479	11.50%	1.607%
98	16.224	2346	2349	2350	rBV3	1002	1125	0.07%	0.009%
99	16.511	2392	2396	2401	rVB6	1726	2736	0.16%	0.023%
100	16.639	2415	2417	2419	rBV3	505	371	0.02%	0.003%

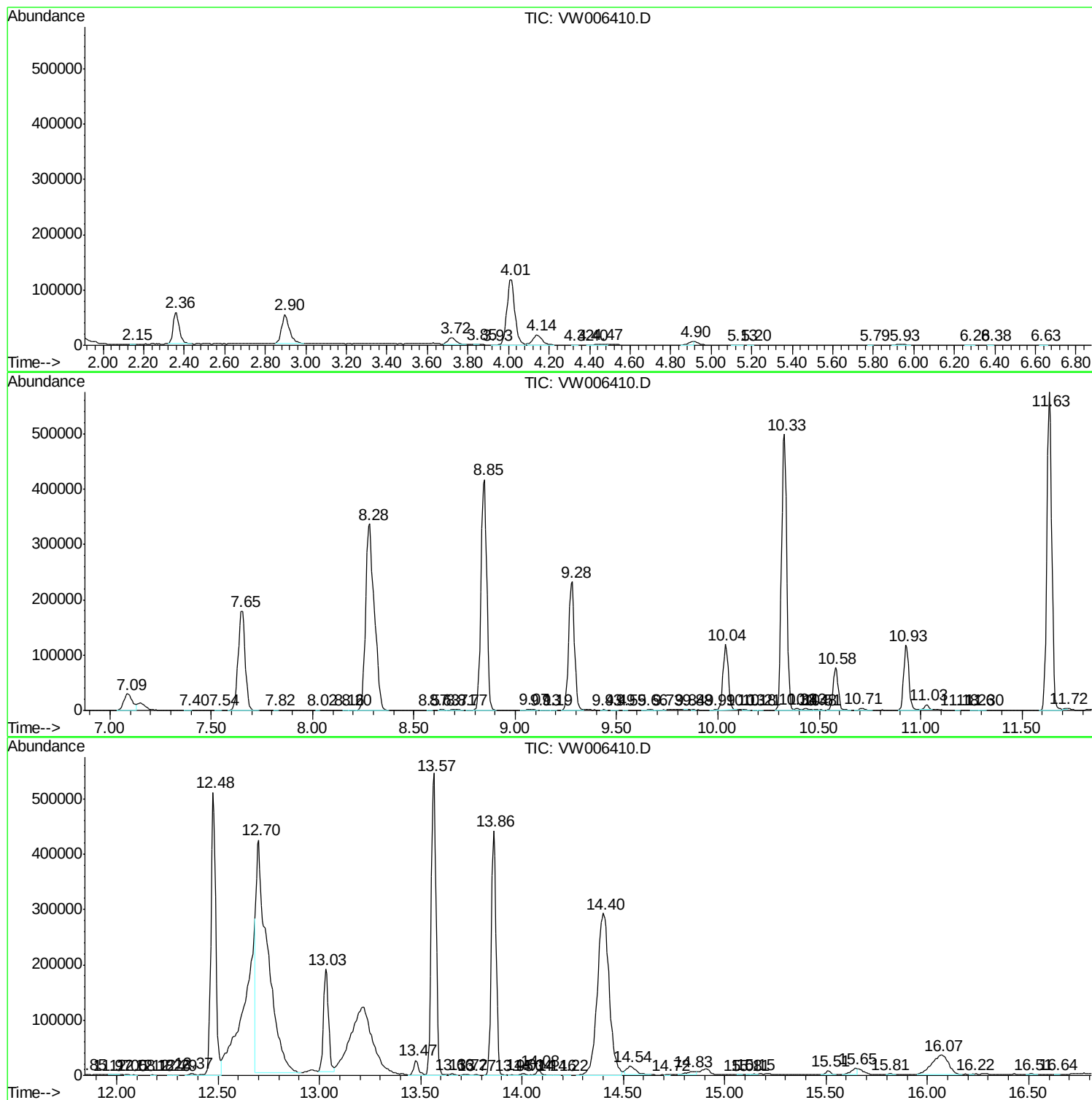
Sum of corrected areas: 12098816

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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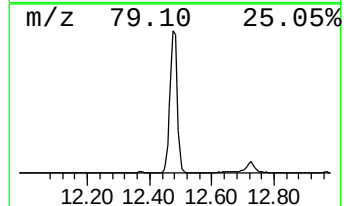
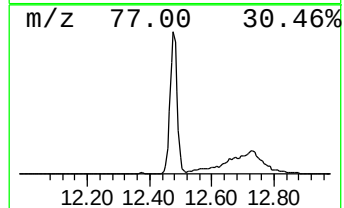
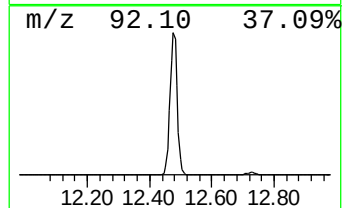
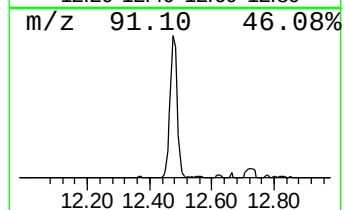
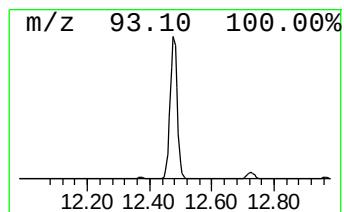
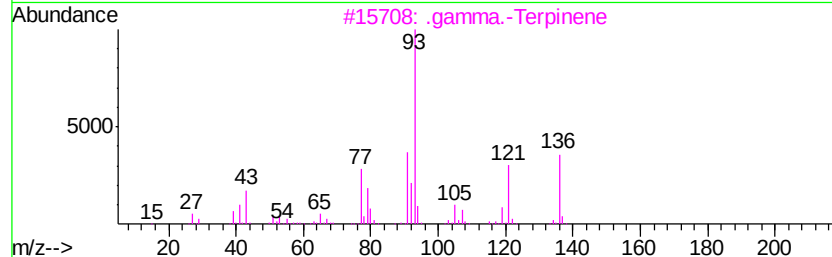
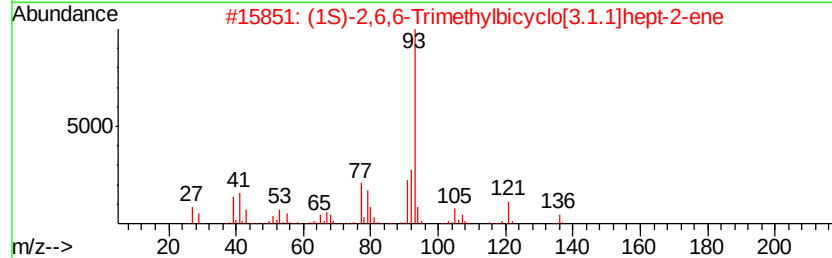
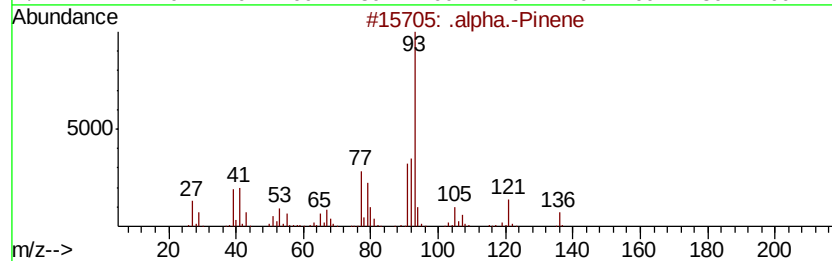
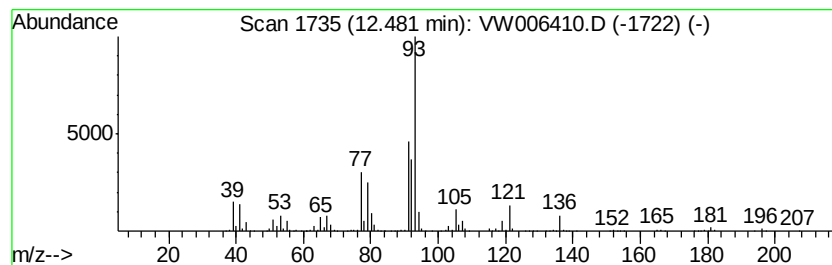
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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	23.08 ug/L	885381	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3		.gamma.-Terpinene	136	C10H16	000099-85-4	94
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94



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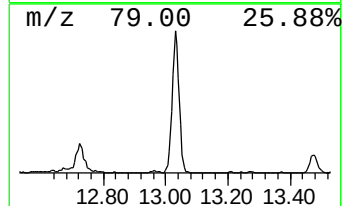
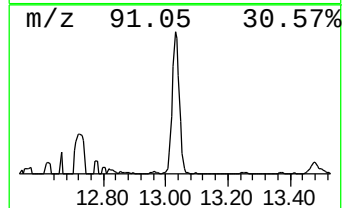
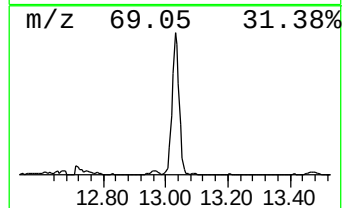
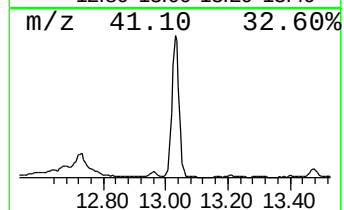
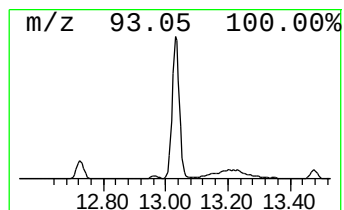
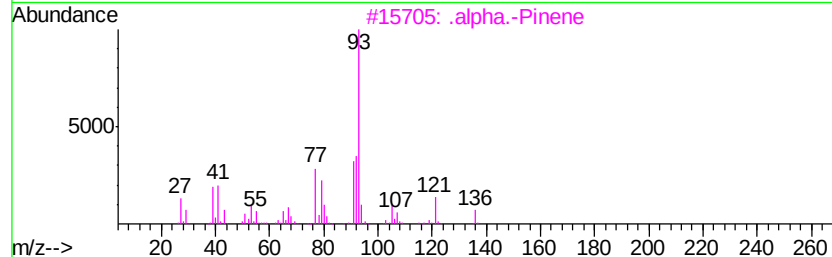
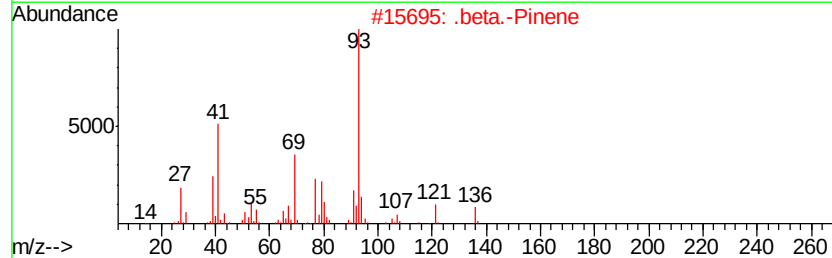
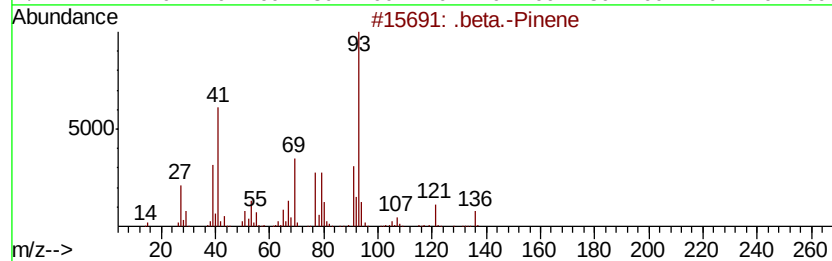
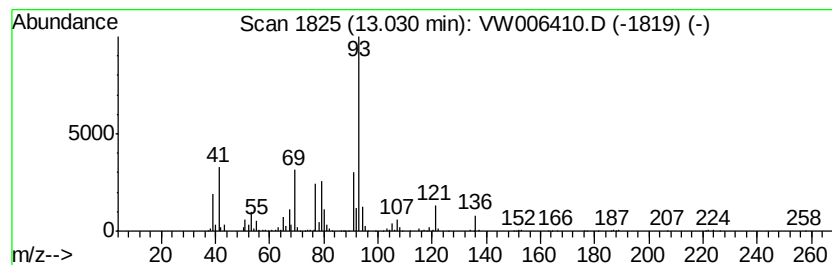
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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	8.79 ug/L	316175	1,4-Dichlorobenzene-d4	13.57
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		.alpha.-Pinene	136 C10H16	000080-56-8 91
4		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
5		.beta.-Pinene	136 C10H16	000127-91-3 91



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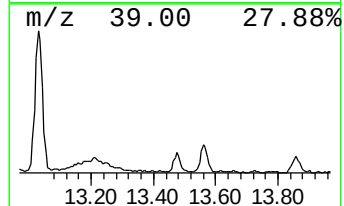
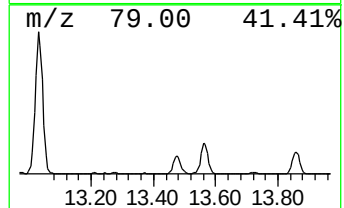
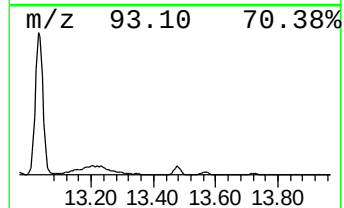
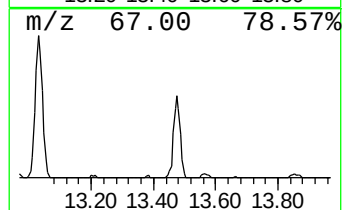
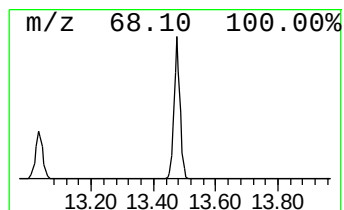
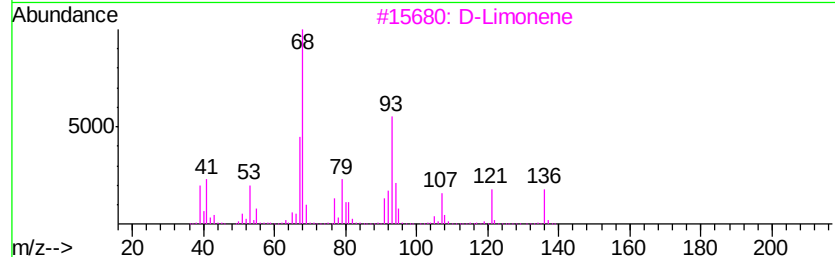
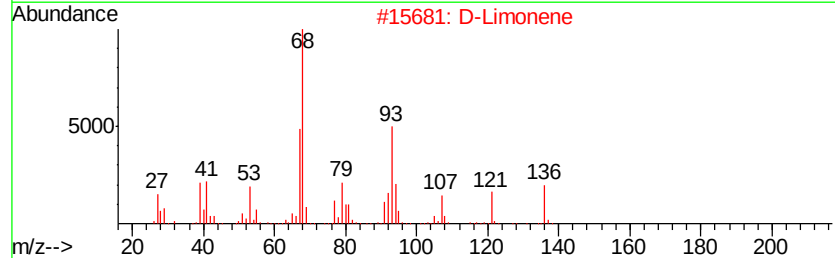
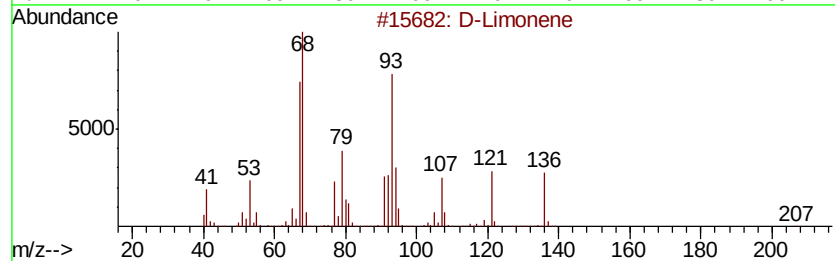
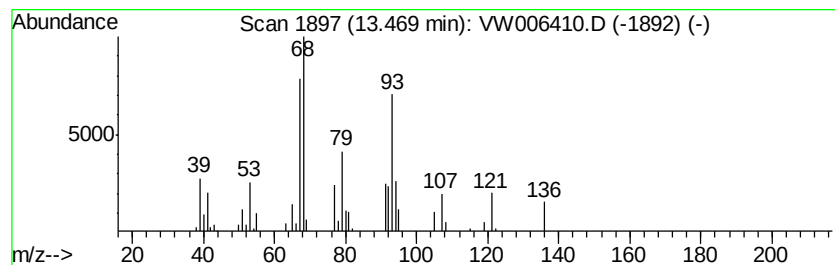
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Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.27 ug/L	45774	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		D-Limonene	136	C10H16	005989-27-5	96
3		D-Limonene	136	C10H16	005989-27-5	95
4		Limonene	136	C10H16	000138-86-3	91
5		Limonene	136	C10H16	000138-86-3	90



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Operator : SY/AP
Sample : J5657-20
Misc : 5.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A40G5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	23.1	ug/L	885381	2	11.63	958923	25.0
.beta.-Pinene	13.03	8.8	ug/L	316175	3	13.57	899153	25.0
D-Limonene	13.47	1.3	ug/L	45774	3	13.57	899153	25.0