

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121619\
 Data File : VW014377.D
 Acq On : 16 Dec 2019 18:53
 Operator : SY/VA
 Sample : K6277-13
 Misc : 4.41G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C48

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\SOM2WLM120519S.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	1.959	5	9	15	rVB3	9706	16342	0.60%	0.100%
2	2.154	37	41	46	rBV	9938	19479	0.72%	0.119%
3	2.349	67	73	84	rVB	202165	361496	13.31%	2.215%
4	2.885	154	161	172	rBV	140931	343444	12.65%	2.104%
5	3.330	231	234	235	rVB3	1072	921	0.03%	0.006%
6	3.367	235	240	241	rBV3	1108	1819	0.07%	0.011%
7	3.538	264	268	269	rBV3	1625	1839	0.07%	0.011%
8	3.641	283	285	287	rVB3	1280	1118	0.04%	0.007%
9	3.672	287	290	295	rBV4	1400	2386	0.09%	0.015%
10	3.775	303	307	308	rVB3	755	906	0.03%	0.006%
11	4.013	334	346	360	rBV	260032	849138	31.27%	5.202%
12	4.397	399	409	414	rBV4	4192	12484	0.46%	0.076%
13	4.519	427	429	433	rVB4	584	786	0.03%	0.005%
14	4.605	437	443	444	rBV4	2108	2509	0.09%	0.015%
15	4.623	444	446	449	rVV3	1106	1254	0.05%	0.008%
16	4.915	482	494	508	rBV3	23273	89309	3.29%	0.547%
17	5.117	522	527	528	rBV4	1026	1388	0.05%	0.009%
18	5.129	528	529	532	rVV3	936	856	0.03%	0.005%
19	5.580	601	603	607	rVV2	780	904	0.03%	0.006%
20	5.732	625	628	630	rBV4	794	897	0.03%	0.005%
21	5.934	653	661	672	rVB5	8546	25638	0.94%	0.157%
22	6.110	687	690	692	rBV4	793	975	0.04%	0.006%
23	6.494	751	753	758	rVB3	801	941	0.03%	0.006%
24	6.549	758	762	766	rBV4	777	1285	0.05%	0.008%
25	6.891	813	818	821	rBV4	995	1365	0.05%	0.008%
26	6.988	831	834	838	rVB2	599	985	0.04%	0.006%
27	7.074	838	848	853	rBV	71590	200784	7.39%	1.230%
28	7.513	915	920	921	rBV3	889	1388	0.05%	0.009%
29	7.647	930	942	956	rBV	468271	1173017	43.19%	7.186%
30	7.933	984	989	990	rBV2	2774	2833	0.10%	0.017%
31	8.086	1012	1014	1018	rVB3	685	860	0.03%	0.005%
32	8.269	1033	1044	1061	rBV2	908664	2715857	100.00%	16.638%
33	8.470	1075	1077	1079	rVB2	907	866	0.03%	0.005%
34	8.500	1079	1082	1084	rBV4	875	1185	0.04%	0.007%

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35	8.592	1094	1097	1099	rBV2	1537	1160	0.04%	0.007%
36	8.628	1099	1103	1109	rBV5	1071	1619	0.06%	0.010%
37	8.683	1109	1112	1114	rBV2	1611	1881	0.07%	0.012%
38	8.707	1114	1116	1119	rVB4	993	797	0.03%	0.005%
39	8.842	1127	1138	1152	rBV	785540	1581976	58.25%	9.692%
40	8.939	1152	1154	1157	rVB4	1605	1677	0.06%	0.010%
41	8.988	1160	1162	1164	rVB2	1212	847	0.03%	0.005%
42	9.037	1167	1170	1171	rBV3	1773	1722	0.06%	0.011%
43	9.165	1189	1191	1196	rVB2	814	1136	0.04%	0.007%
44	9.268	1198	1208	1222	rBV	667478	1387922	51.10%	8.503%
45	9.451	1237	1238	1244	rVB3	1449	1526	0.06%	0.009%
46	9.652	1268	1271	1276	rBV3	2342	3881	0.14%	0.024%
47	9.750	1283	1287	1294	rBV6	1171	2358	0.09%	0.014%
48	9.890	1305	1310	1317	rVB7	4252	9010	0.33%	0.055%
49	9.945	1317	1319	1324	rBV3	906	1029	0.04%	0.006%
50	10.030	1324	1333	1345	rBV	225900	429445	15.81%	2.631%
51	10.207	1354	1362	1366	rBV4	5935	11983	0.44%	0.073%
52	10.323	1372	1381	1388	rBV	1032385	1816214	66.87%	11.127%
53	10.573	1414	1422	1433	rBV	138019	251305	9.25%	1.540%
54	10.701	1437	1443	1450	rVB3	27689	48515	1.79%	0.297%
55	10.921	1473	1479	1493	rBV	259438	503257	18.53%	3.083%
56	11.061	1497	1502	1509	rVB2	17184	32104	1.18%	0.197%
57	11.177	1517	1521	1522	rBV4	2353	2894	0.11%	0.018%
58	11.317	1542	1544	1546	rBV3	1393	1115	0.04%	0.007%
59	11.384	1554	1555	1556	rBV	1242	841	0.03%	0.005%
60	11.439	1558	1564	1571	rVB3	19131	36363	1.34%	0.223%
61	11.542	1574	1581	1583	rBV6	2354	5195	0.19%	0.032%
62	11.628	1587	1595	1608	rBV	834445	1407987	51.84%	8.626%
63	11.829	1626	1628	1630	rBV3	1516	1410	0.05%	0.009%
64	11.957	1647	1649	1654	rBV3	1399	2119	0.08%	0.013%
65	12.128	1670	1677	1680	rBV6	1091	3084	0.11%	0.019%
66	12.170	1680	1684	1689	rVV6	2848	6486	0.24%	0.040%
67	12.353	1711	1714	1715	rBV3	1392	1368	0.05%	0.008%
68	12.469	1724	1733	1743	rVB2	50805	88838	3.27%	0.544%
69	12.609	1749	1756	1762	rVB	71546	121680	4.48%	0.745%
70	12.688	1762	1769	1778	rVV	457491	777988	28.65%	4.766%
71	12.756	1778	1780	1782	rVB3	1398	1152	0.04%	0.007%

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Integration Parameters: LSCINT.P

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72	12.847	1793	1795	1796	rBV2	1403	1081	0.04%	0.007%
73	12.932	1804	1809	1816	rVB3	13976	21141	0.78%	0.130%
74	13.024	1818	1824	1830	rVV2	13468	24726	0.91%	0.151%
75	13.079	1830	1833	1837	rVV5	1938	2924	0.11%	0.018%
76	13.115	1837	1839	1844	rVB5	1076	1678	0.06%	0.010%
77	13.201	1849	1853	1855	rVB4	1985	2747	0.10%	0.017%
78	13.243	1855	1860	1863	rBV7	1442	2811	0.10%	0.017%
79	13.298	1863	1869	1874	rVB	10962	16863	0.62%	0.103%
80	13.365	1877	1880	1882	rBV3	2251	2018	0.07%	0.012%
81	13.402	1883	1886	1891	rVB4	4737	6840	0.25%	0.042%
82	13.469	1891	1897	1905	rBV2	89113	162698	5.99%	0.997%
83	13.554	1905	1911	1922	rVB	401407	670151	24.68%	4.106%
84	13.761	1940	1945	1949	rBV8	6474	13696	0.50%	0.084%
85	13.798	1949	1951	1953	rVV2	4308	5348	0.20%	0.033%
86	13.853	1953	1960	1966	rVV	477286	799324	29.43%	4.897%
87	13.902	1966	1968	1972	rVB5	8159	10537	0.39%	0.065%
88	13.999	1979	1984	1985	rBV4	3896	5869	0.22%	0.036%
89	14.072	1991	1996	2003	rVB2	34674	61711	2.27%	0.378%
90	14.194	2011	2016	2020	rBV8	5401	10971	0.40%	0.067%
91	14.328	2032	2038	2041	rBV3	8188	14169	0.52%	0.087%
92	14.505	2064	2067	2068	rBV3	1412	1775	0.07%	0.011%
93	14.719	2099	2102	2106	rBV4	3918	4980	0.18%	0.031%
94	14.926	2134	2136	2137	rVV	1174	770	0.03%	0.005%
95	15.164	2172	2175	2178	rBV5	1935	2235	0.08%	0.014%
96	15.225	2183	2185	2187	rBV3	1291	1040	0.04%	0.006%
97	15.438	2211	2220	2226	rBV3	43674	79914	2.94%	0.490%
98	15.499	2226	2230	2234	rVB5	3289	5774	0.21%	0.035%
99	16.084	2324	2326	2327	rBV2	1067	871	0.03%	0.005%
100	16.682	2422	2424	2426	rBV3	1443	1384	0.05%	0.008%

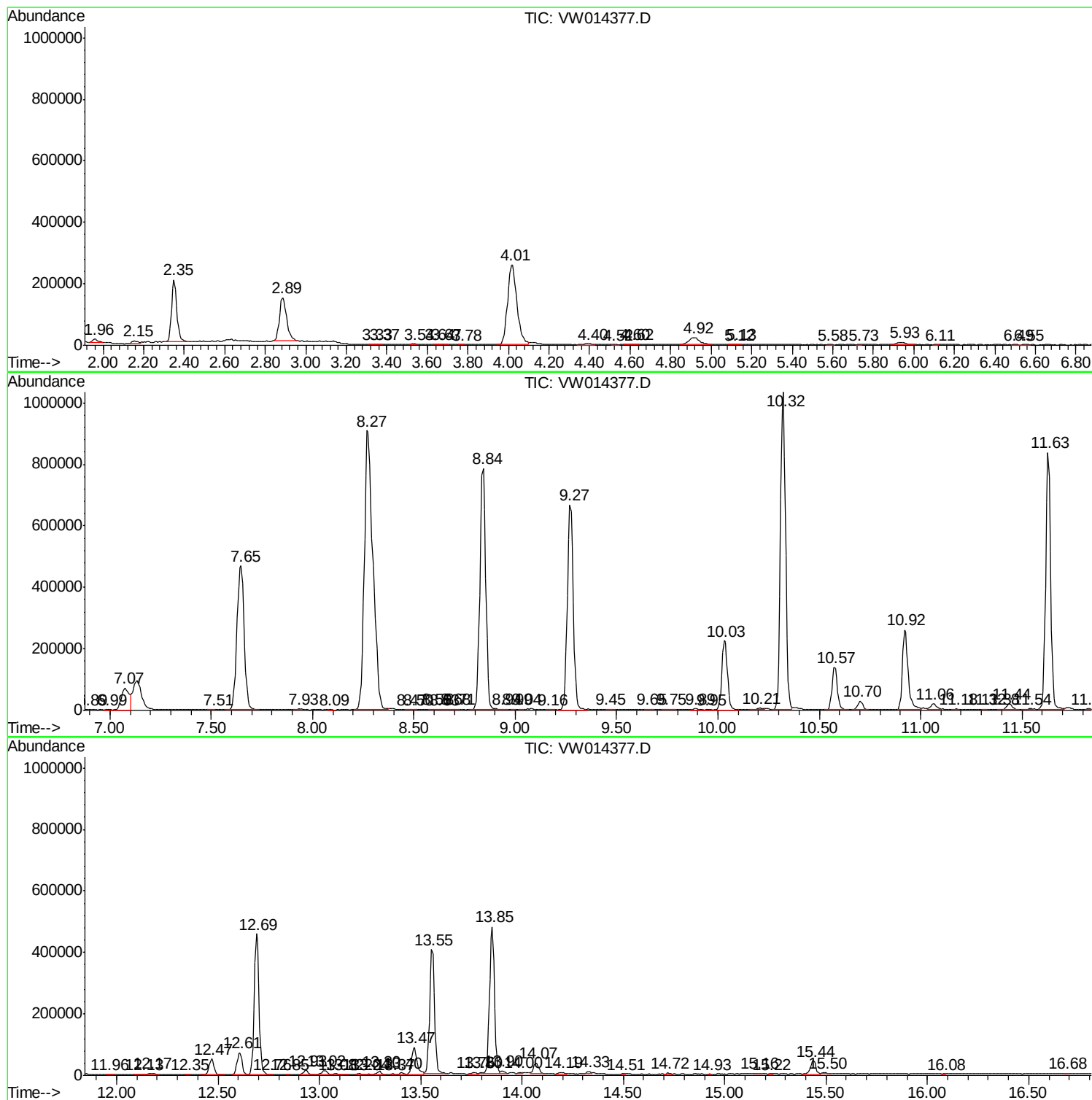
Sum of corrected areas: 16323184

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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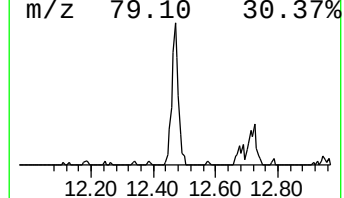
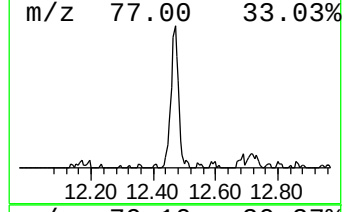
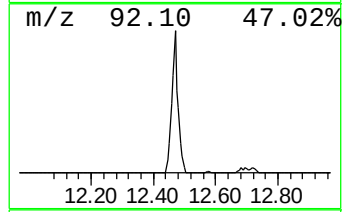
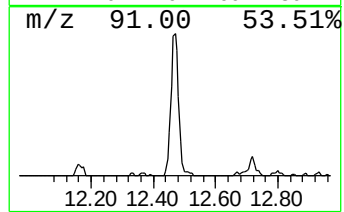
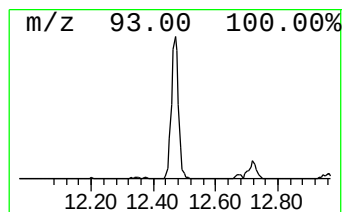
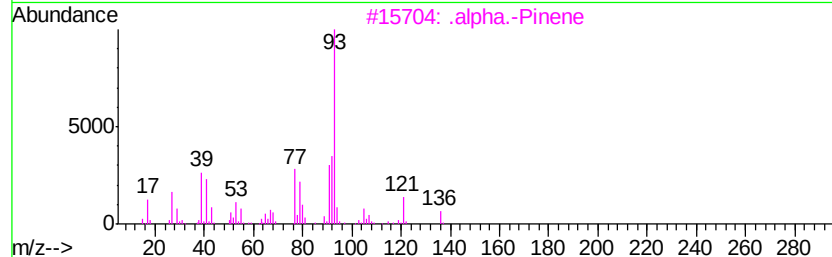
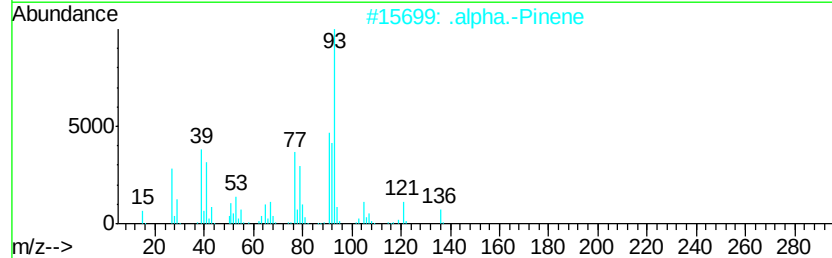
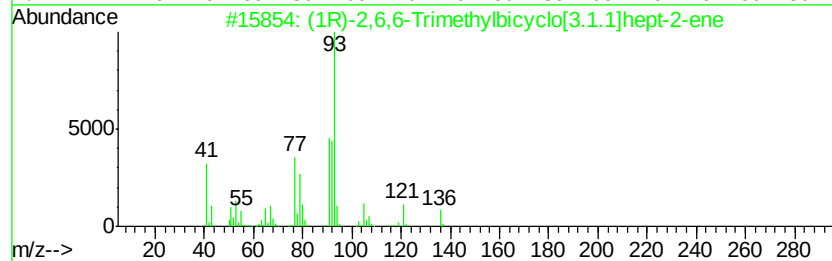
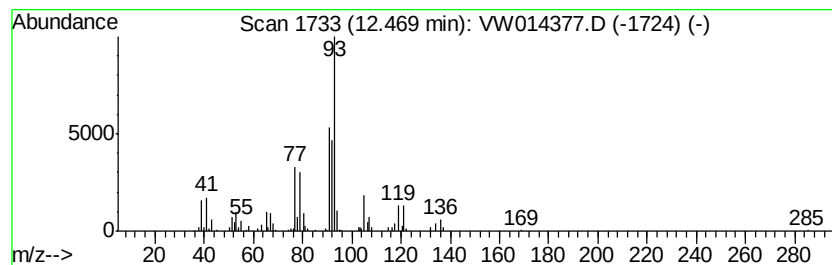
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	1.58 ug/L	88838	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
2		.alpha.-Pinene	136	C10H16	000080-56-8	93
3		.alpha.-Pinene	136	C10H16	000080-56-8	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		trans-.beta.-Ocimene	136	C10H16	003779-61-1	83



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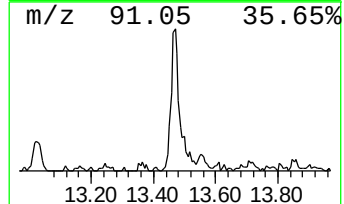
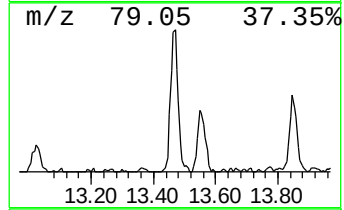
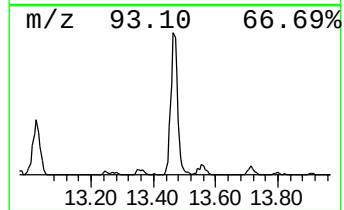
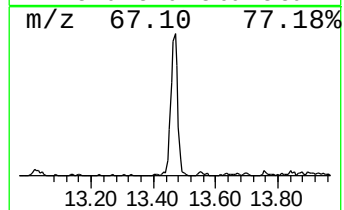
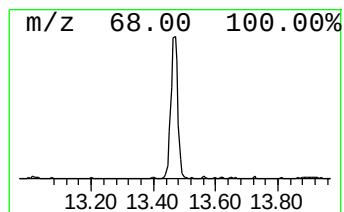
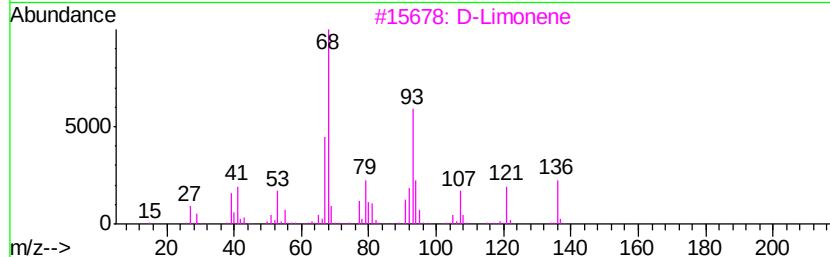
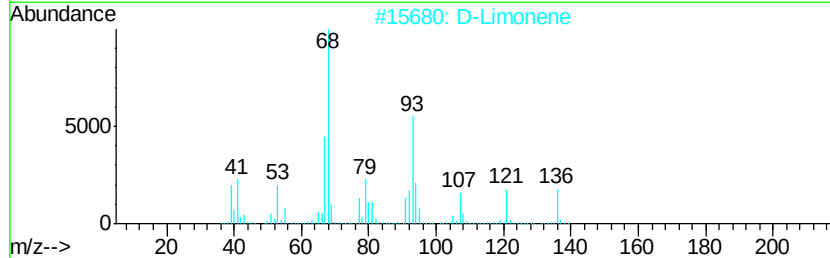
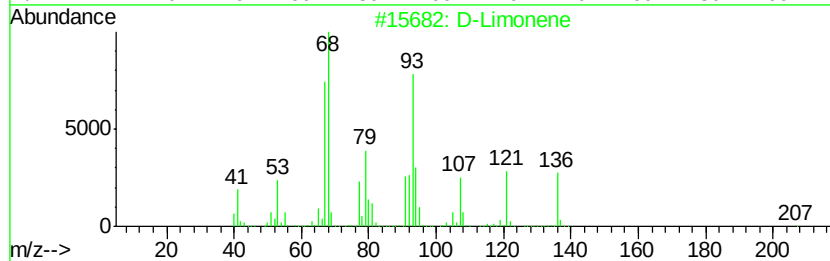
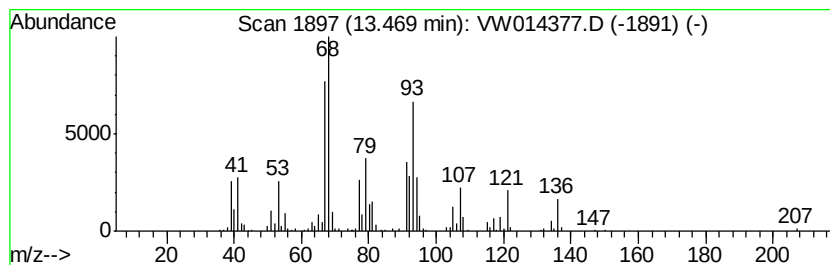
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	6.07 ug/L	162698	1,4-Dichlorobenzene-d4	13.56

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	94
3		D-Limonene	136	C10H16	005989-27-5	93
4		Limonene	136	C10H16	000138-86-3	93
5		Limonene	136	C10H16	000138-86-3	91



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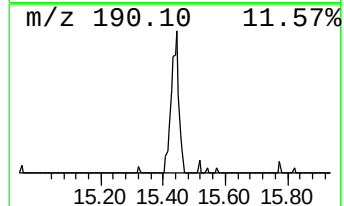
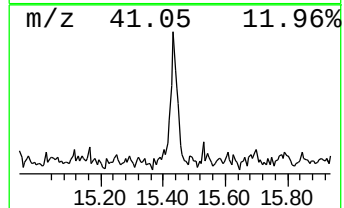
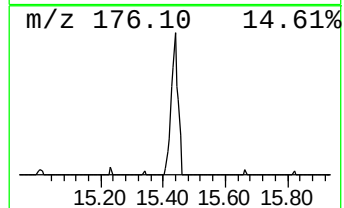
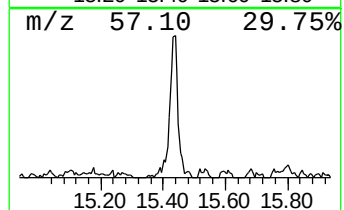
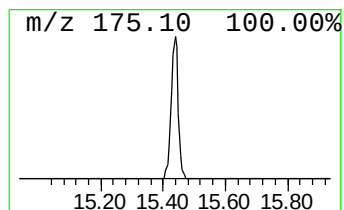
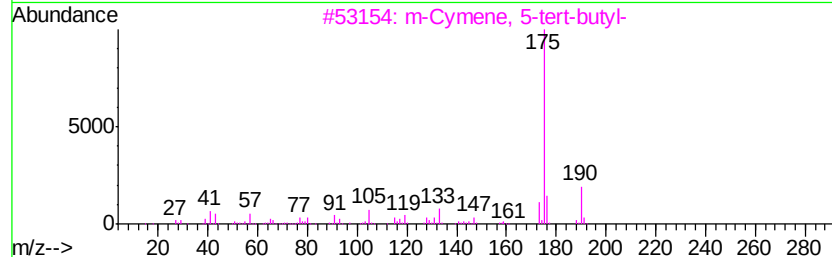
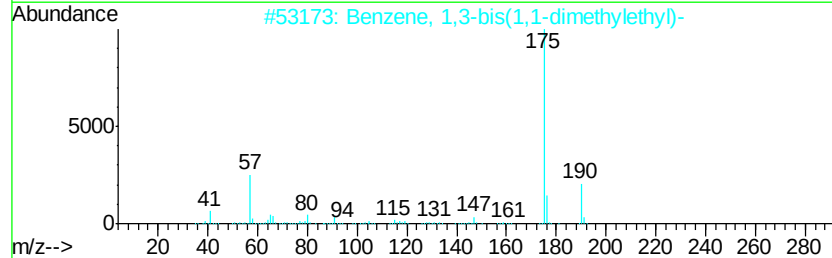
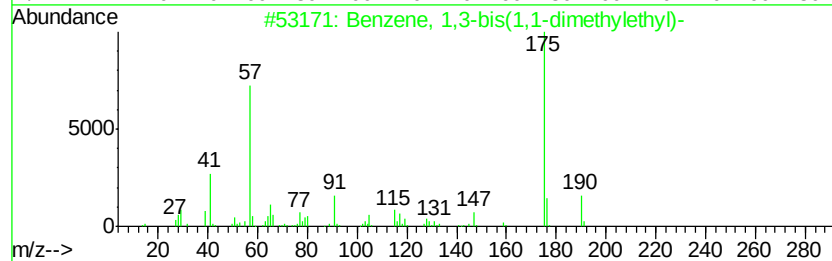
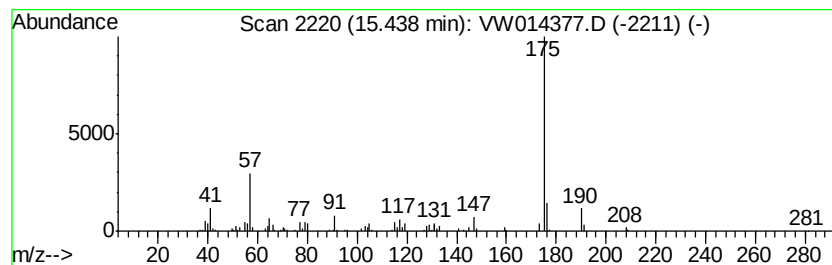
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.98 ug/L	79914	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	93
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	87
3		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83
4		Benzenepropanal, 4-(1,1-dimethyl-)	190	C13H18O	018127-01-0	80
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121619\
Data File : VW014377.D
Acq On : 16 Dec 2019 18:53
Operator : SY/VA
Sample : K6277-13
Misc : 4.41G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C48

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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
(1R)-2,6,6-Trimet...	12.47	1.6	ug/L	88838	2	11.63	1407990	25.0
D-Limonene	13.47	6.1	ug/L	162698	3	13.56	670151	25.0
Benzene, 1,3-bis(...	15.44	3.0	ug/L	79914	3	13.56	670151	25.0