

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014395.D
 Acq On : 17 Dec 2019 16:22
 Operator : SY/VA
 Sample : K6277-12RE
 Misc : 4.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C72RE

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	1.958	6	9	14	rVB5	9569	16444	0.49%	0.082%
2	2.153	36	41	47	rBV2	17349	38458	1.15%	0.191%
3	2.348	67	73	81	rBV	258234	447104	13.36%	2.219%
4	2.885	154	161	174	rVB	173918	421743	12.60%	2.093%
5	3.385	237	243	247	rBV4	1957	3280	0.10%	0.016%
6	3.452	253	254	257	rBV2	1009	1215	0.04%	0.006%
7	3.513	262	264	265	rVV2	1412	1013	0.03%	0.005%
8	3.848	317	319	322	rBV4	784	984	0.03%	0.005%
9	4.019	331	347	362	rBV	330090	1091177	32.61%	5.415%
10	4.379	398	406	416	rBV3	4523	15257	0.46%	0.076%
11	4.909	481	493	507	rBV2	19802	83470	2.49%	0.414%
12	5.141	527	531	532	rBV3	889	1054	0.03%	0.005%
13	5.189	537	539	543	rVV4	1148	1572	0.05%	0.008%
14	5.513	589	592	596	rBV4	1071	1517	0.05%	0.008%
15	5.933	652	661	671	rVB5	8538	24740	0.74%	0.123%
16	6.201	701	705	706	rVB3	936	1073	0.03%	0.005%
17	6.220	706	708	710	rBV2	951	904	0.03%	0.004%
18	6.275	715	717	719	rBV2	832	873	0.03%	0.004%
19	6.939	822	826	828	rVB4	936	1245	0.04%	0.006%
20	6.976	828	832	833	rBV3	972	1274	0.04%	0.006%
21	7.073	839	848	852	rBV	96879	250845	7.50%	1.245%
22	7.512	916	920	921	rBV2	1194	1238	0.04%	0.006%
23	7.640	931	941	954	rVV	581546	1430677	42.75%	7.099%
24	7.945	984	991	998	rVB7	3901	10260	0.31%	0.051%
25	8.073	1009	1012	1014	rVB2	1102	1147	0.03%	0.006%
26	8.268	1034	1044	1061	rBV2	1129074	3346354	100.00%	16.605%
27	8.506	1081	1083	1088	rVB4	1431	1582	0.05%	0.008%
28	8.555	1088	1091	1093	rVV3	960	969	0.03%	0.005%
29	8.677	1109	1111	1112	rBV2	1196	1017	0.03%	0.005%
30	8.695	1112	1114	1117	rVB3	2096	2242	0.07%	0.011%
31	8.841	1126	1138	1148	rBV	1110692	2226489	66.53%	11.048%
32	9.079	1167	1177	1184	rVV	6662	17583	0.53%	0.087%
33	9.268	1200	1208	1226	rVV	826924	1675798	50.08%	8.316%
34	9.426	1231	1234	1236	rBV4	960	944	0.03%	0.005%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	9.579	1254	1259	1261	rBV3	846	1321	0.04%	0.007%
36	9.652	1268	1271	1272	rBV2	1443	1696	0.05%	0.008%
37	9.756	1284	1288	1289	rBV3	1545	2277	0.07%	0.011%
38	9.768	1289	1290	1293	rVB3	2203	1321	0.04%	0.007%
39	9.890	1304	1310	1316	rVB6	5456	12190	0.36%	0.060%
40	9.951	1316	1320	1324	rBV6	769	1338	0.04%	0.007%
41	10.030	1324	1333	1344	rBV	287748	537736	16.07%	2.668%
42	10.213	1357	1363	1367	rBV2	5260	11376	0.34%	0.056%
43	10.323	1372	1381	1388	rBV	1366762	2381792	71.18%	11.819%
44	10.579	1416	1423	1433	rBV	157804	283454	8.47%	1.407%
45	10.701	1438	1443	1450	rVB	31491	56890	1.70%	0.282%
46	10.762	1450	1453	1455	rBV4	2020	2412	0.07%	0.012%
47	10.920	1472	1479	1497	rBV	349273	640059	19.13%	3.176%
48	11.060	1497	1502	1507	rVV	16217	27157	0.81%	0.135%
49	11.170	1517	1520	1530	rBV9	3317	7513	0.22%	0.037%
50	11.280	1536	1538	1540	rBV3	1554	1137	0.03%	0.006%
51	11.408	1556	1559	1560	rBV3	2390	2800	0.08%	0.014%
52	11.432	1560	1563	1570	rVB2	19391	31394	0.94%	0.156%
53	11.542	1572	1581	1582	rBV6	2814	6689	0.20%	0.033%
54	11.627	1588	1595	1608	rBV	1119347	1926304	57.56%	9.559%
55	11.725	1608	1611	1618	rVB5	7969	13618	0.41%	0.068%
56	11.841	1626	1630	1633	rBV5	2975	4115	0.12%	0.020%
57	11.914	1640	1642	1644	rBV2	1089	1128	0.03%	0.006%
58	11.938	1644	1646	1648	rVV3	1582	1395	0.04%	0.007%
59	12.030	1660	1661	1663	rBV2	1590	1066	0.03%	0.005%
60	12.170	1680	1684	1690	rBV8	3365	6688	0.20%	0.033%
61	12.365	1713	1716	1722	rVB5	6807	11325	0.34%	0.056%
62	12.469	1728	1733	1740	rVB4	8346	15412	0.46%	0.076%
63	12.530	1741	1743	1745	rBV3	993	871	0.03%	0.004%
64	12.609	1750	1756	1762	rVB	58320	97824	2.92%	0.485%
65	12.688	1762	1769	1778	rBV	503970	842938	25.19%	4.183%
66	12.932	1804	1809	1816	rBV3	19089	33392	1.00%	0.166%
67	13.023	1820	1824	1829	rVB6	6277	11572	0.35%	0.057%
68	13.072	1829	1832	1837	rBV6	2234	2995	0.09%	0.015%
69	13.188	1848	1851	1853	rBV2	2138	2456	0.07%	0.012%
70	13.292	1864	1868	1874	rVB4	9157	16045	0.48%	0.080%
71	13.371	1878	1881	1882	rBV3	1241	1344	0.04%	0.007%

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72	13.407	1883	1887	1891	rVB4	4610	6892	0.21%	0.034%
73	13.468	1891	1897	1905	rBV2	50233	86702	2.59%	0.430%
74	13.554	1905	1911	1923	rVV	492305	839974	25.10%	4.168%
75	13.645	1923	1926	1930	rVB4	5300	8421	0.25%	0.042%
76	13.712	1935	1937	1941	rVB4	2248	2383	0.07%	0.012%
77	13.761	1941	1945	1948	rBV5	4885	8930	0.27%	0.044%
78	13.852	1953	1960	1967	rBV	556438	900804	26.92%	4.470%
79	14.066	1991	1995	2005	rVB	31200	56736	1.70%	0.282%
80	14.200	2011	2017	2021	rBV6	5142	9935	0.30%	0.049%
81	14.328	2034	2038	2042	rBV4	7958	12296	0.37%	0.061%
82	14.523	2068	2070	2075	rVB4	5366	5990	0.18%	0.030%
83	14.615	2082	2085	2088	rBV5	1765	2664	0.08%	0.013%
84	14.724	2099	2103	2106	rBV4	2595	3999	0.12%	0.020%
85	14.785	2110	2113	2118	rVB7	1771	2347	0.07%	0.012%
86	14.834	2118	2121	2123	rBV4	1786	1948	0.06%	0.010%
87	15.084	2160	2162	2163	rBV2	1671	1009	0.03%	0.005%
88	15.139	2170	2171	2173	rBV2	1163	1031	0.03%	0.005%
89	15.297	2195	2197	2201	rVB5	1565	1862	0.06%	0.009%
90	15.328	2201	2202	2205	rBV3	1191	1042	0.03%	0.005%
91	15.364	2206	2208	2210	rBV3	1879	1261	0.04%	0.006%
92	15.438	2215	2220	2226	rVV2	31196	53862	1.61%	0.267%
93	15.492	2226	2229	2231	rVV3	2572	2078	0.06%	0.010%
94	15.566	2239	2241	2244	rBV4	1175	1048	0.03%	0.005%
95	15.840	2284	2286	2290	rBV4	1588	2135	0.06%	0.011%
96	15.962	2303	2306	2307	rBV3	1870	2160	0.06%	0.011%
97	16.011	2313	2314	2317	rBV2	1867	1923	0.06%	0.010%
98	16.218	2346	2348	2350	rVB3	1460	1087	0.03%	0.005%
99	16.425	2375	2382	2387	rBV8	3927	7942	0.24%	0.039%
100	16.504	2393	2395	2398	rBV2	1515	1311	0.04%	0.007%

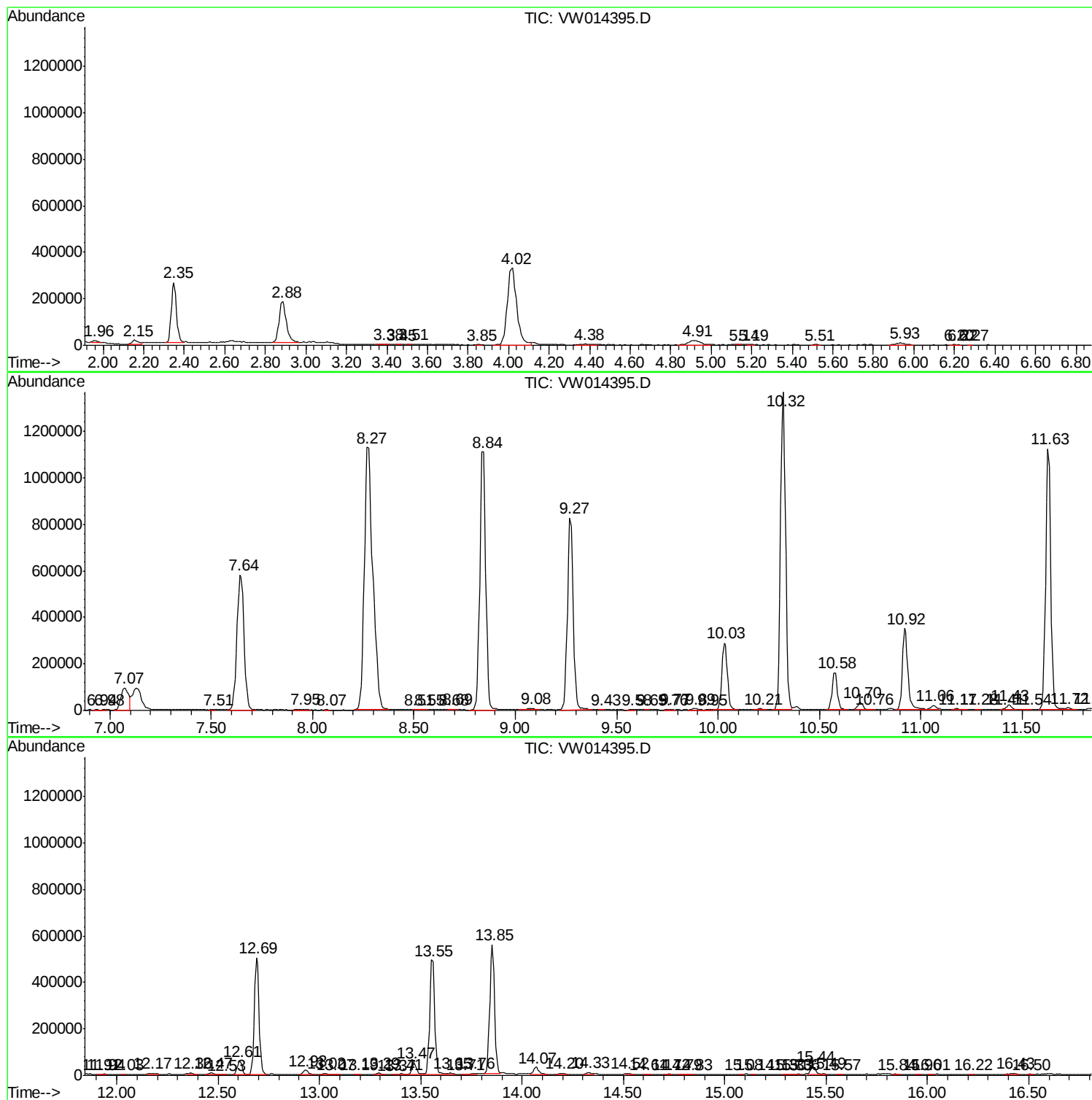
Sum of corrected areas: 20152354

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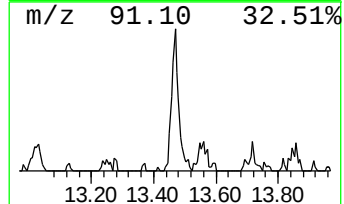
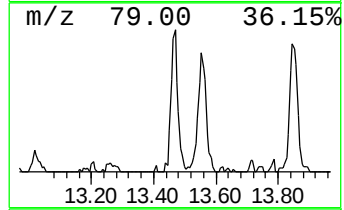
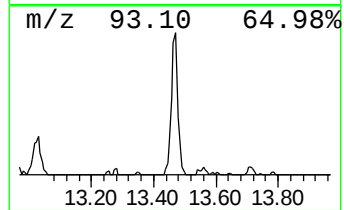
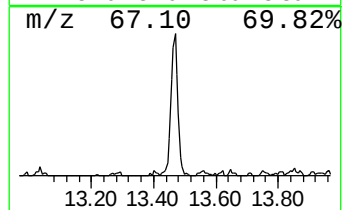
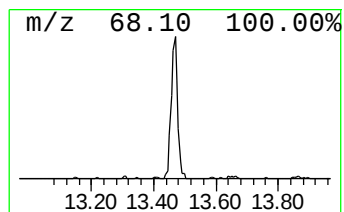
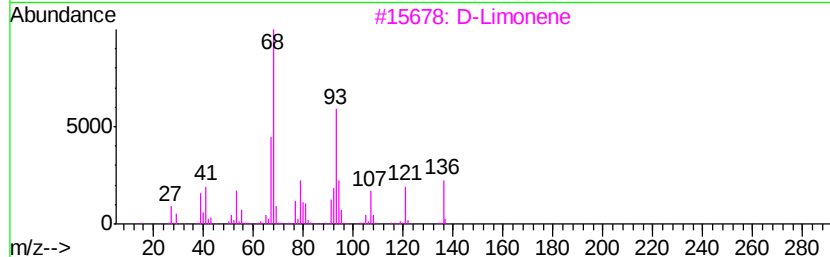
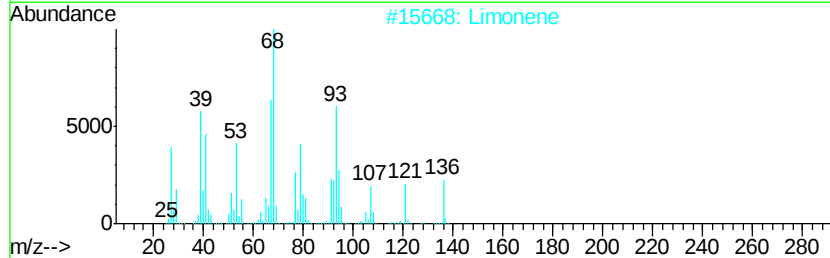
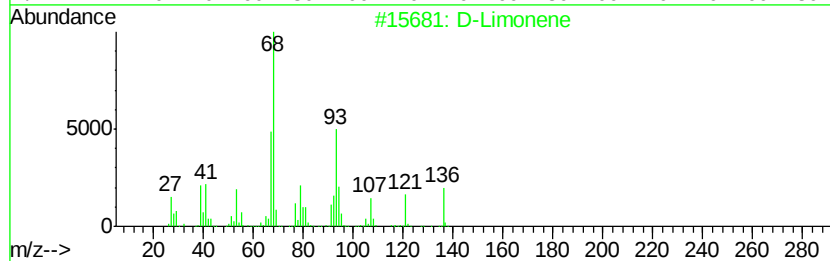
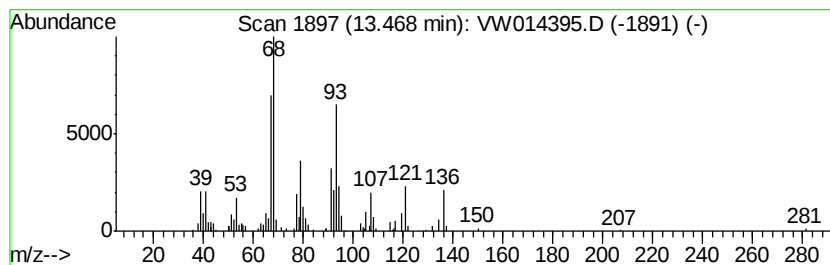
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.58 ug/L	86702	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	94
2		Limonene	136	C10H16	000138-86-3	94
3		D-Limonene	136	C10H16	005989-27-5	91
4		Cyclohexene, 1-methyl-4-(1-methv...	136	C10H16	005989-54-8	91
5		Limonene	136	C10H16	000138-86-3	91



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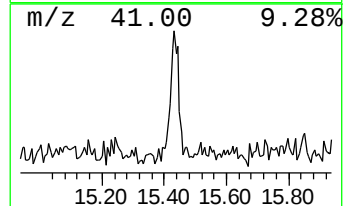
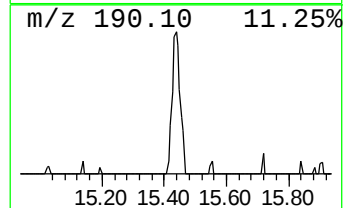
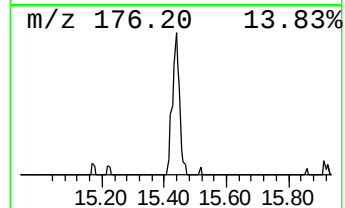
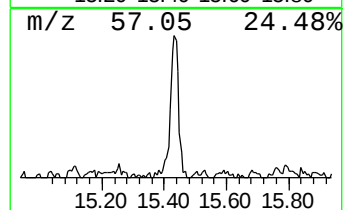
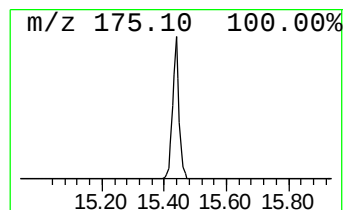
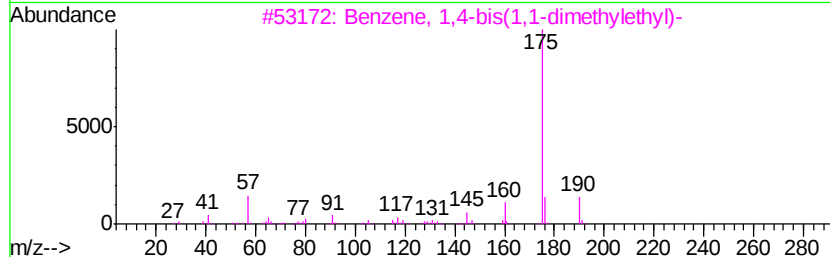
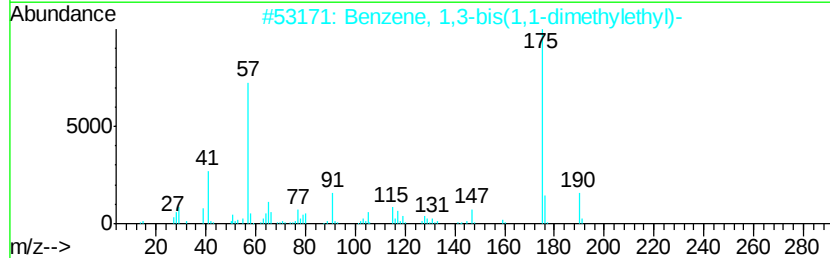
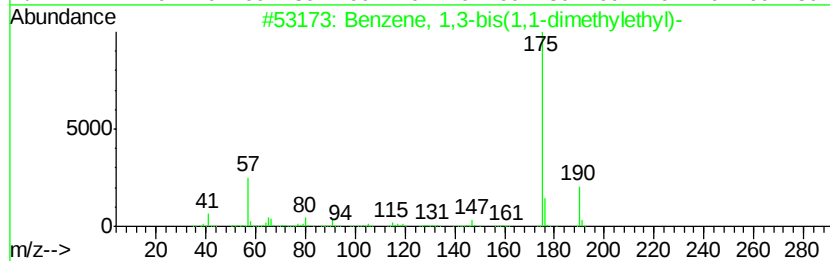
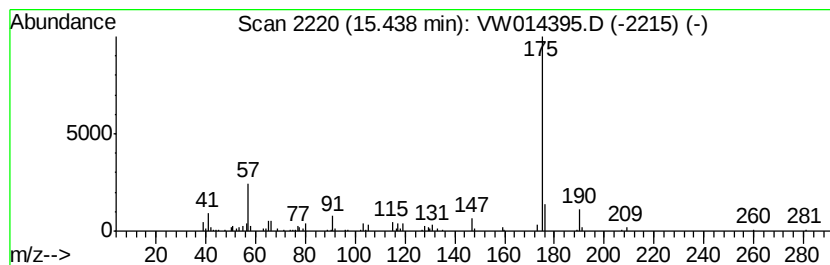
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.60 ug/L	53862	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	90
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	90
3		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72
4		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	72
5		p-Pentylacetophenone	190	C13H18O	037593-02-5	64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	13.47	2.6	ug/L	86702	3	13.56	839974	25.0
Benzene, 1,3-bis(...	15.44	1.6	ug/L	53862	3	13.56	839974	25.0