

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014394.D
 Acq On : 17 Dec 2019 15:56
 Operator : SY/VA
 Sample : K6277-11RE
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C71RE

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	1.965	5	10	31	rVB4	14961	49908	1.42%	0.236%
2	2.154	36	41	48	rBV2	15851	39385	1.12%	0.186%
3	2.349	67	73	83	rBV	269975	475214	13.52%	2.246%
4	2.885	154	161	176	rVB	183216	458197	13.03%	2.166%
5	3.251	219	221	223	rVB2	1540	946	0.03%	0.004%
6	3.367	237	240	241	rBV2	909	1115	0.03%	0.005%
7	3.465	252	256	258	rBV4	1448	1812	0.05%	0.009%
8	3.489	258	260	261	rVV2	1757	1572	0.04%	0.007%
9	3.538	263	268	275	rVV4	5161	13105	0.37%	0.062%
10	3.587	275	276	281	rVB5	1517	1630	0.05%	0.008%
11	4.019	334	347	364	rBV	344417	1160610	33.01%	5.486%
12	4.196	372	376	378	rBV3	2443	3914	0.11%	0.019%
13	4.367	400	404	405	rBV3	2331	2748	0.08%	0.013%
14	4.391	405	408	414	rVB6	2241	4598	0.13%	0.022%
15	4.471	419	421	424	rVB2	1284	1094	0.03%	0.005%
16	4.525	426	430	434	rBV5	1003	1311	0.04%	0.006%
17	4.605	439	443	446	rBV3	1233	1759	0.05%	0.008%
18	4.922	482	495	509	rBV3	23683	95168	2.71%	0.450%
19	5.294	552	556	560	rVB2	677	910	0.03%	0.004%
20	5.336	560	563	566	rBV3	835	1230	0.03%	0.006%
21	5.422	576	577	582	rVB4	1093	1146	0.03%	0.005%
22	5.928	652	660	672	rVB4	7451	23079	0.66%	0.109%
23	6.324	722	725	728	rBV3	769	938	0.03%	0.004%
24	6.519	754	757	761	rVB2	823	1024	0.03%	0.005%
25	7.074	839	848	853	rBV	85338	241488	6.87%	1.141%
26	7.415	901	904	905	rBV2	1498	1169	0.03%	0.006%
27	7.452	908	910	916	rVB6	706	1376	0.04%	0.007%
28	7.647	930	942	955	rBV	613547	1513750	43.06%	7.155%
29	7.952	985	992	998	rVB9	3427	8648	0.25%	0.041%
30	8.269	1034	1044	1061	rBV2	1195469	3515849	100.00%	16.618%
31	8.628	1097	1103	1106	rBV5	1349	2655	0.08%	0.013%
32	8.683	1109	1112	1113	rBV2	2111	1831	0.05%	0.009%
33	8.842	1128	1138	1148	rBV	1102928	2183335	62.10%	10.320%
34	9.031	1167	1169	1170	rVV2	872	930	0.03%	0.004%

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 Title : VOC Analysis

35	9.079	1172	1177	1186	rVB8	8461	19116	0.54%	0.090%
36	9.268	1199	1208	1218	rBV	847468	1750649	49.79%	8.275%
37	9.500	1242	1246	1247	rVB4	895	957	0.03%	0.005%
38	9.585	1255	1260	1264	rBV6	1999	3416	0.10%	0.016%
39	9.659	1267	1272	1279	rVB6	2780	4938	0.14%	0.023%
40	9.756	1286	1288	1290	rVB4	1535	994	0.03%	0.005%
41	9.823	1297	1299	1302	rBV3	799	944	0.03%	0.004%
42	9.890	1304	1310	1315	rVB8	3346	6003	0.17%	0.028%
43	10.030	1322	1333	1347	rBV	312869	568308	16.16%	2.686%
44	10.213	1358	1363	1371	rBV5	4831	10281	0.29%	0.049%
45	10.323	1373	1381	1389	rBV	1448466	2564369	72.94%	12.121%
46	10.384	1389	1391	1397	rVB2	16100	25010	0.71%	0.118%
47	10.573	1416	1422	1435	rVB	169278	300054	8.53%	1.418%
48	10.701	1438	1443	1449	rVB2	24071	43628	1.24%	0.206%
49	10.780	1449	1456	1457	rBV6	1943	4032	0.11%	0.019%
50	10.799	1457	1459	1460	rBV2	1472	1142	0.03%	0.005%
51	10.921	1473	1479	1493	rBV	316378	602258	17.13%	2.847%
52	11.061	1498	1502	1511	rVV4	13832	31162	0.89%	0.147%
53	11.152	1515	1517	1518	rBV2	1179	898	0.03%	0.004%
54	11.195	1518	1524	1529	rVB7	3439	8385	0.24%	0.040%
55	11.280	1533	1538	1539	rBV4	1266	2148	0.06%	0.010%
56	11.439	1559	1564	1569	rVB2	14857	24831	0.71%	0.117%
57	11.500	1572	1574	1575	rBV2	1037	1028	0.03%	0.005%
58	11.536	1578	1580	1584	rVV4	2216	3393	0.10%	0.016%
59	11.628	1588	1595	1606	rVV	1180135	1957779	55.68%	9.254%
60	11.731	1606	1612	1620	rVB2	46461	81466	2.32%	0.385%
61	11.841	1624	1630	1640	rVB2	5913	13418	0.38%	0.063%
62	11.926	1642	1644	1647	rBV4	1499	1700	0.05%	0.008%
63	12.012	1654	1658	1664	rBV8	2180	3912	0.11%	0.018%
64	12.164	1680	1683	1691	rVB7	4674	9217	0.26%	0.044%
65	12.365	1707	1716	1722	rVB3	13749	27553	0.78%	0.130%
66	12.469	1727	1733	1738	rBV4	20782	35244	1.00%	0.167%
67	12.603	1749	1755	1762	rVB	50175	81466	2.32%	0.385%
68	12.689	1762	1769	1779	rBV	535894	919169	26.14%	4.345%
69	12.762	1779	1781	1786	rVV5	3376	5017	0.14%	0.024%
70	12.865	1795	1798	1800	rBV3	1285	1164	0.03%	0.006%
71	12.932	1804	1809	1816	rVB5	16613	33279	0.95%	0.157%

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Integration Parameters: LSCINT.P

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72	13.024	1817	1824	1830	rBV2	21846	36685	1.04%	0.173%
73	13.243	1852	1860	1865	rBV8	5396	11124	0.32%	0.053%
74	13.292	1865	1868	1874	rVB4	6855	11003	0.31%	0.052%
75	13.359	1876	1879	1882	rBV5	2556	3177	0.09%	0.015%
76	13.402	1883	1886	1891	rVB3	3224	4960	0.14%	0.023%
77	13.469	1891	1897	1905	rBV2	60981	118042	3.36%	0.558%
78	13.554	1905	1911	1923	rVB	507128	827204	23.53%	3.910%
79	13.707	1933	1936	1940	rBV5	3526	5552	0.16%	0.026%
80	13.762	1941	1945	1948	rBV4	3310	4624	0.13%	0.022%
81	13.798	1948	1951	1953	rBV4	2391	3016	0.09%	0.014%
82	13.853	1953	1960	1967	rBV	630050	1027761	29.23%	4.858%
83	13.993	1980	1983	1989	rBV7	5011	10893	0.31%	0.051%
84	14.066	1991	1995	2003	rVV2	24740	44241	1.26%	0.209%
85	14.194	2012	2016	2021	rBV5	3636	7044	0.20%	0.033%
86	14.328	2033	2038	2042	rBV4	5881	9986	0.28%	0.047%
87	14.426	2052	2054	2055	rBV	1970	1351	0.04%	0.006%
88	14.499	2062	2066	2067	rBV4	2800	3137	0.09%	0.015%
89	14.517	2067	2069	2074	rVB5	2869	3727	0.11%	0.018%
90	14.719	2100	2102	2106	rBV5	2135	2948	0.08%	0.014%
91	14.908	2131	2133	2135	rBV3	1647	1579	0.04%	0.007%
92	14.938	2137	2138	2141	rVB3	1618	1060	0.03%	0.005%
93	15.206	2180	2182	2184	rVB3	1230	948	0.03%	0.004%
94	15.292	2194	2196	2201	rBV5	1381	1844	0.05%	0.009%
95	15.438	2214	2220	2225	rVB2	27257	45096	1.28%	0.213%
96	15.840	2284	2286	2287	rBV2	1812	1456	0.04%	0.007%
97	15.920	2297	2299	2301	rVB3	1668	1278	0.04%	0.006%
98	15.938	2301	2302	2304	rBV2	1751	1632	0.05%	0.008%
99	16.084	2325	2326	2329	rBV3	1702	1272	0.04%	0.006%
100	16.663	2419	2421	2423	rBV3	1765	1835	0.05%	0.009%

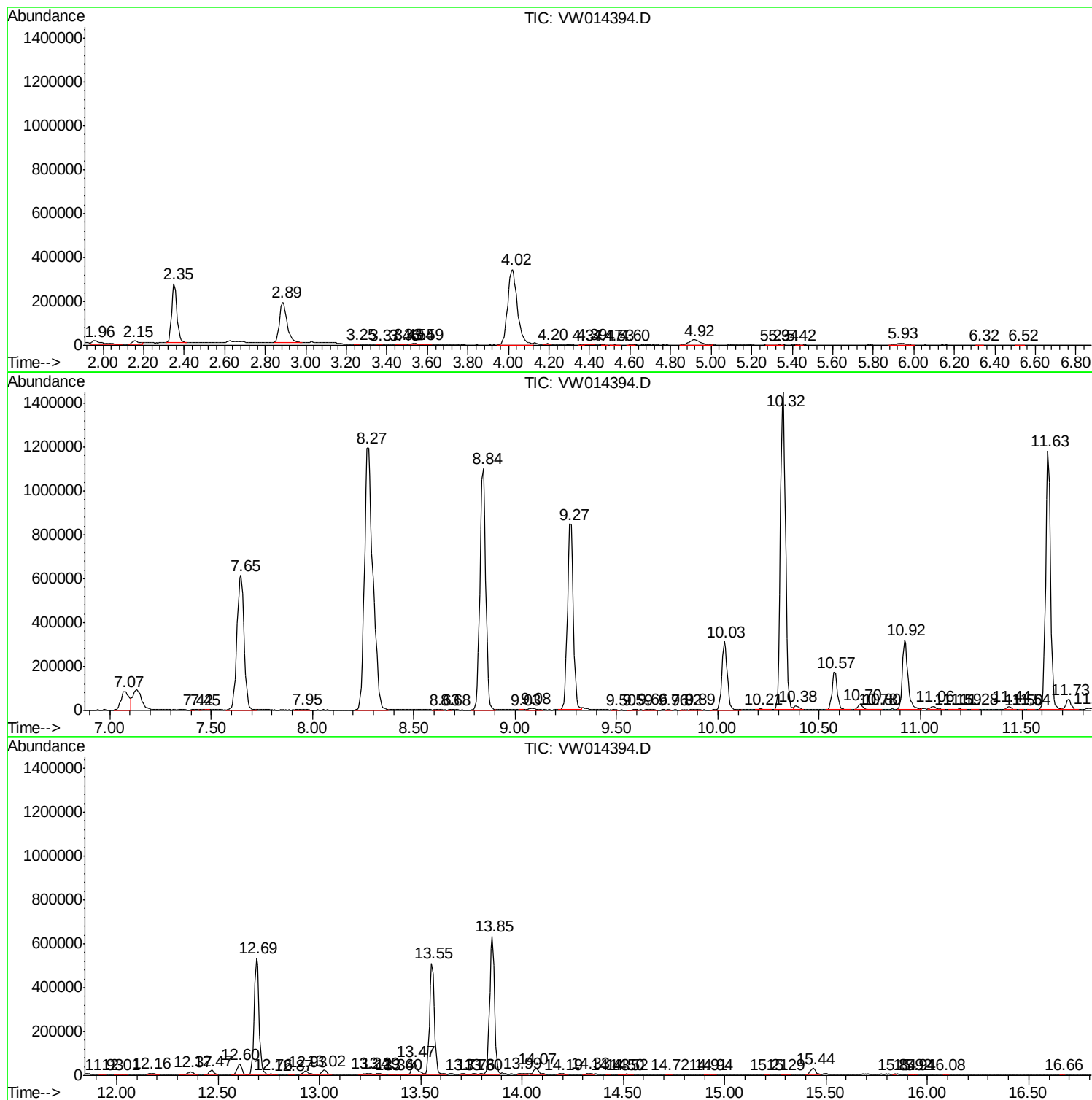
Sum of corrected areas: 21156247

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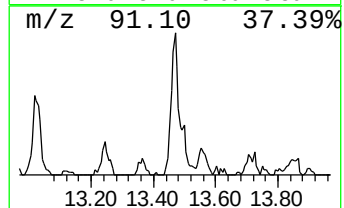
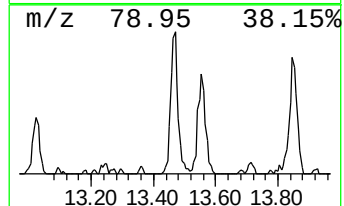
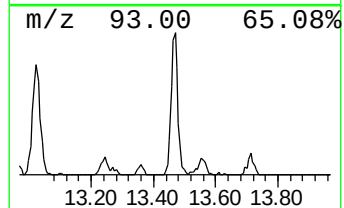
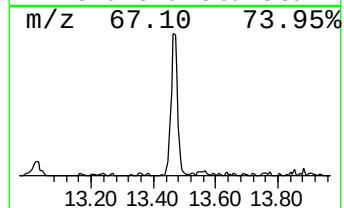
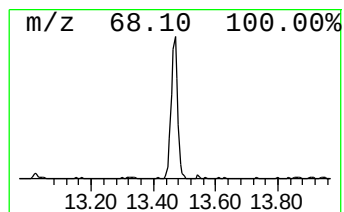
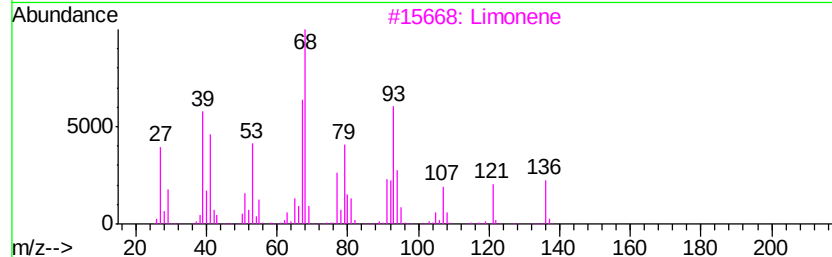
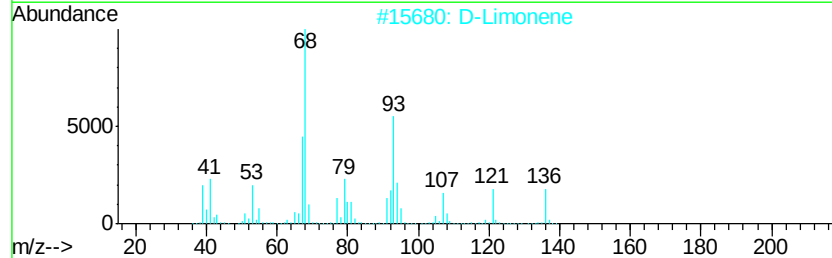
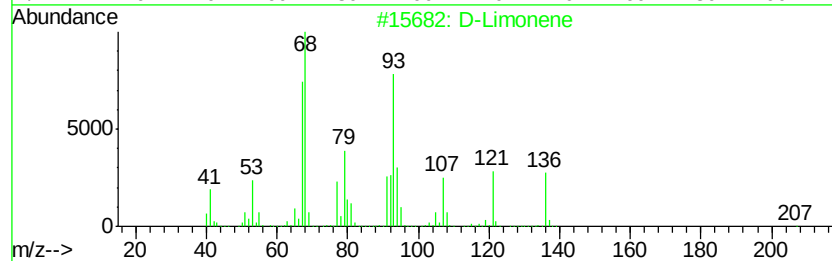
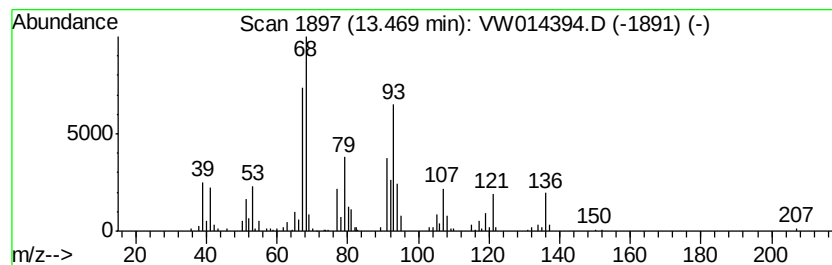
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.57 ug/L	118042	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	98
2	D-Limonene	136 C10H16	005989-27-5	94
3	Limonene	136 C10H16	000138-86-3	94
4	D-Limonene	136 C10H16	005989-27-5	76
5	Limonene	136 C10H16	000138-86-3	70



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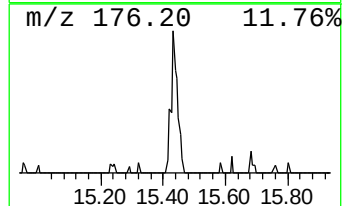
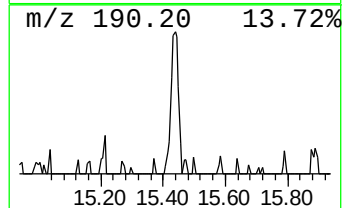
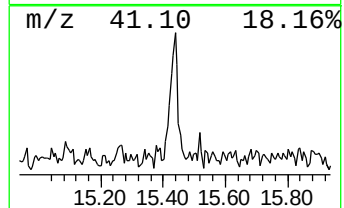
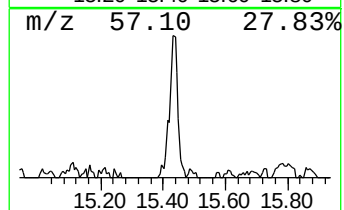
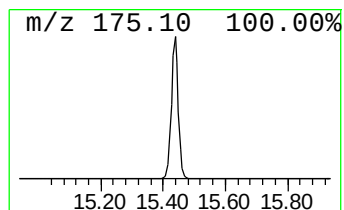
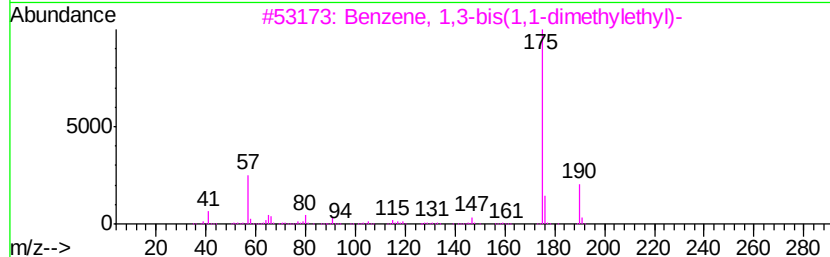
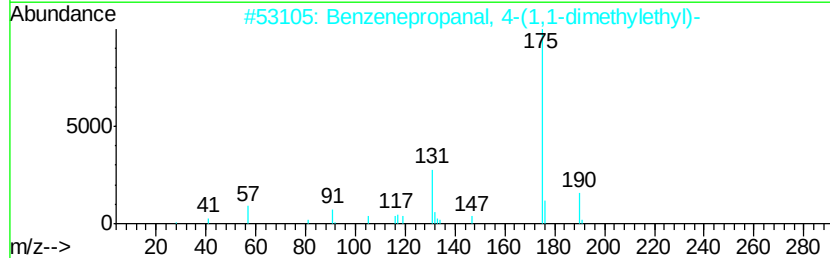
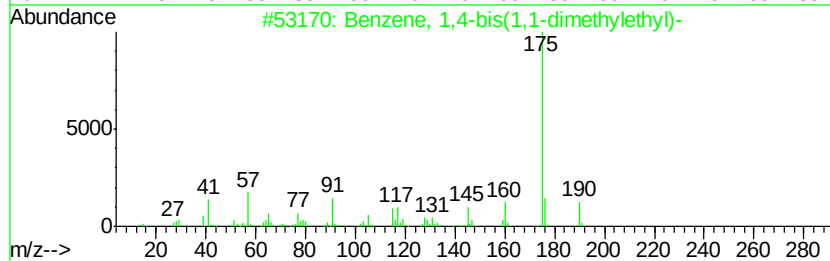
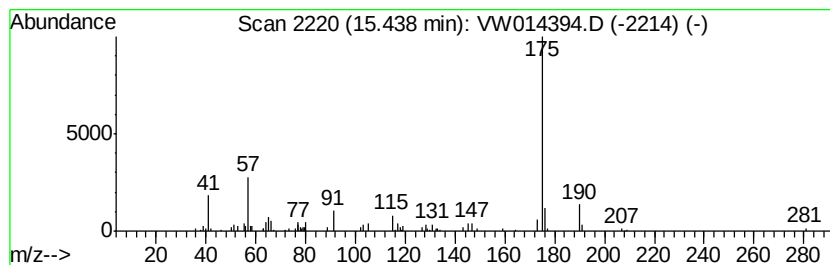
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.36 ug/L	45096	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	87
2		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	80
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	72
4		Precocene I	190	C12H14O2	017598-02-6	68
5		Benzo[b]thiophene, 2-ethyl-5,7-dimethyl-	190	C12H14S	018428-05-2	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	3.6	ug/L	118042	3	13.55	827204	25.0
Benzene, 1,4-bis(...	15.44	1.4	ug/L	45096	3	13.55	827204	25.0