

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014253.D
 Acq On : 06 Dec 2019 16:50
 Operator : SY/VA
 Sample : K6172-04
 Misc : 5.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BT0

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	11	rBV2	12406	19450	0.52%	0.081%
2	2.154	35	41	48	rBV3	27991	74770	2.00%	0.312%
3	2.349	67	73	85	rVB	341353	645120	17.24%	2.688%
4	2.885	153	161	176	rBV	230326	564986	15.10%	2.354%
5	3.385	238	243	249	rVB6	4202	7565	0.20%	0.032%
6	3.483	257	259	262	rBV3	917	1207	0.03%	0.005%
7	3.532	264	267	268	rBV2	1553	1632	0.04%	0.007%
8	3.672	286	290	298	rVB4	5440	9917	0.26%	0.041%
9	3.861	317	321	322	rBV3	1002	1016	0.03%	0.004%
10	4.013	333	346	359	rBV	459499	1449668	38.74%	6.040%
11	4.385	396	407	415	rBV6	7734	23648	0.63%	0.099%
12	4.446	415	417	419	rVV	1303	1273	0.03%	0.005%
13	4.598	440	442	444	rBV3	1890	2006	0.05%	0.008%
14	4.684	454	456	461	rVB3	855	1035	0.03%	0.004%
15	4.800	471	475	477	rVB2	886	1070	0.03%	0.004%
16	4.830	477	480	481	rBV	1066	911	0.02%	0.004%
17	4.909	481	493	504	rBV	29049	105633	2.82%	0.440%
18	5.117	522	527	528	rBV4	716	1164	0.03%	0.005%
19	5.135	528	530	533	rBV4	886	1258	0.03%	0.005%
20	5.367	563	568	570	rBV4	1177	2026	0.05%	0.008%
21	5.415	572	576	577	rVV2	1649	2183	0.06%	0.009%
22	5.440	577	580	587	rVB7	1396	2456	0.07%	0.010%
23	5.726	623	627	629	rBV4	1101	1820	0.05%	0.008%
24	5.934	651	661	673	rVB4	12189	36826	0.98%	0.153%
25	6.409	734	739	740	rBV3	785	925	0.02%	0.004%
26	6.549	757	762	763	rBV3	958	1225	0.03%	0.005%
27	6.635	773	776	779	rVB3	903	1148	0.03%	0.005%
28	6.738	791	793	795	rVB2	938	909	0.02%	0.004%
29	6.988	833	834	839	rVB4	1346	1072	0.03%	0.004%
30	7.074	839	848	852	rBV	71300	179917	4.81%	0.750%
31	7.135	854	858	876	rVB	101520	269429	7.20%	1.123%
32	7.500	916	918	920	rBV4	928	989	0.03%	0.004%
33	7.531	921	923	930	rVB5	2513	4335	0.12%	0.018%
34	7.641	930	941	952	rBV	604924	1511809	40.40%	6.299%

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35	7.884	979	981	984	rVV4	1004	1617	0.04%	0.007%
36	7.952	984	992	997	rVV7	5315	14441	0.39%	0.060%
37	8.019	997	1003	1004	rVV2	665	1294	0.03%	0.005%
38	8.037	1004	1006	1009	rVV3	1194	1377	0.04%	0.006%
39	8.147	1021	1024	1027	rBV4	856	1015	0.03%	0.004%
40	8.269	1031	1044	1061	rBV2	1323547	3742376	100.00%	15.593%
41	8.561	1089	1092	1094	rVB4	1272	1203	0.03%	0.005%
42	8.622	1100	1102	1104	rVB3	1460	1148	0.03%	0.005%
43	8.689	1108	1113	1121	rVB8	3617	8343	0.22%	0.035%
44	8.842	1128	1138	1151	rBV	1125998	2265353	60.53%	9.439%
45	9.031	1166	1169	1170	rBV2	3065	2591	0.07%	0.011%
46	9.268	1200	1208	1217	rBV	827173	1699966	45.42%	7.083%
47	9.689	1275	1277	1282	rVB4	1123	1669	0.04%	0.007%
48	9.762	1282	1289	1295	rBV8	6701	17096	0.46%	0.071%
49	9.884	1304	1309	1316	rVB2	17426	35603	0.95%	0.148%
50	10.030	1326	1333	1342	rBV	320867	587971	15.71%	2.450%
51	10.207	1357	1362	1365	rBV3	10132	17868	0.48%	0.074%
52	10.323	1373	1381	1388	rBV	1671743	2921237	78.06%	12.171%
53	10.384	1388	1391	1399	rVB	24894	44657	1.19%	0.186%
54	10.573	1416	1422	1432	rBV	185830	334181	8.93%	1.392%
55	10.701	1436	1443	1450	rVV	115861	207880	5.55%	0.866%
56	10.835	1463	1465	1473	rVB6	4526	8269	0.22%	0.034%
57	10.920	1473	1479	1488	rBV	255408	453603	12.12%	1.890%
58	11.061	1496	1502	1515	rVB2	71294	127254	3.40%	0.530%
59	11.177	1517	1521	1526	rVB6	8031	11947	0.32%	0.050%
60	11.439	1552	1564	1573	rVB2	54807	104110	2.78%	0.434%
61	11.506	1573	1575	1576	rBV	1099	1002	0.03%	0.004%
62	11.628	1588	1595	1605	rBV	1266579	2125615	56.80%	8.856%
63	11.835	1620	1629	1632	rBV7	6389	15491	0.41%	0.065%
64	11.987	1652	1654	1656	rBV3	1247	1272	0.03%	0.005%
65	12.164	1680	1683	1691	rVB8	5141	10637	0.28%	0.044%
66	12.365	1708	1716	1723	rVB	23442	42442	1.13%	0.177%
67	12.451	1726	1730	1731	rBV4	1578	2483	0.07%	0.010%
68	12.463	1731	1732	1738	rVB5	3941	5283	0.14%	0.022%
69	12.524	1738	1742	1743	rBV3	1110	1279	0.03%	0.005%
70	12.609	1747	1756	1762	rVB	152653	261971	7.00%	1.092%
71	12.688	1762	1769	1779	rBV	425129	757792	20.25%	3.157%

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72	12.756	1779	1780	1784	rBV4	1833	2503	0.07%	0.010%
73	12.847	1793	1795	1796	rBV2	1739	1194	0.03%	0.005%
74	12.932	1803	1809	1817	rBV2	39414	76985	2.06%	0.321%
75	13.042	1821	1827	1836	rVB	105427	194397	5.19%	0.810%
76	13.164	1841	1847	1848	rBV5	2785	3939	0.11%	0.016%
77	13.188	1848	1851	1857	rVV4	4444	7047	0.19%	0.029%
78	13.292	1863	1868	1876	rVB3	31784	54752	1.46%	0.228%
79	13.408	1881	1887	1890	rBV3	11388	20676	0.55%	0.086%
80	13.451	1890	1894	1898	rVV4	16133	26620	0.71%	0.111%
81	13.505	1900	1903	1905	rVV3	7987	10910	0.29%	0.045%
82	13.554	1905	1911	1924	rVB	727748	1184774	31.66%	4.936%
83	13.761	1940	1945	1948	rBV4	11871	20474	0.55%	0.085%
84	13.798	1948	1951	1953	rVB3	5467	5736	0.15%	0.024%
85	13.853	1953	1960	1966	rBV	818124	1327665	35.48%	5.532%
86	14.018	1984	1987	1990	rBV5	4791	6794	0.18%	0.028%
87	14.072	1990	1996	2007	rVB2	80710	144790	3.87%	0.603%
88	14.200	2013	2017	2022	rVB5	6136	9874	0.26%	0.041%
89	14.310	2032	2035	2040	rVB5	3162	4607	0.12%	0.019%
90	14.493	2063	2065	2066	rBV2	1511	1164	0.03%	0.005%
91	14.572	2077	2078	2082	rBV4	1320	963	0.03%	0.004%
92	14.725	2099	2103	2110	rVB7	7330	12013	0.32%	0.050%
93	14.847	2119	2123	2128	rVB7	2518	3769	0.10%	0.016%
94	14.889	2128	2130	2133	rBV4	1457	1429	0.04%	0.006%
95	15.097	2162	2164	2165	rBV2	2738	1861	0.05%	0.008%
96	15.438	2214	2220	2226	rVV	51910	84287	2.25%	0.351%
97	15.493	2226	2229	2234	rVB2	6600	11843	0.32%	0.049%
98	15.590	2243	2245	2246	rBV2	1964	1172	0.03%	0.005%
99	15.688	2259	2261	2266	rVB6	4042	6026	0.16%	0.025%
100	15.767	2272	2274	2277	rBV4	2493	2837	0.08%	0.012%

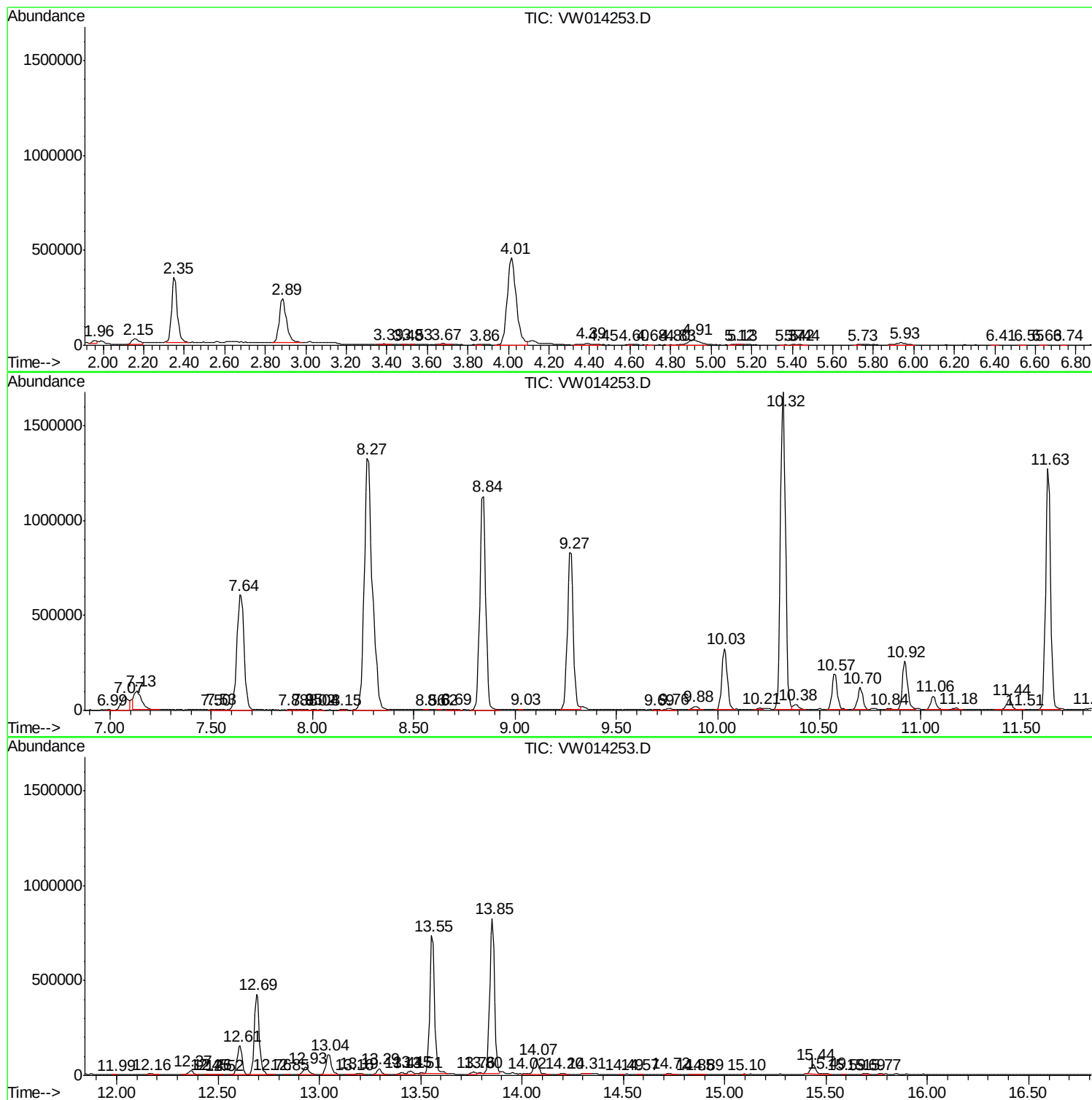
Sum of corrected areas: 24000835

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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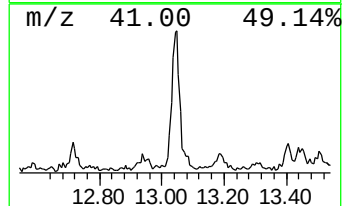
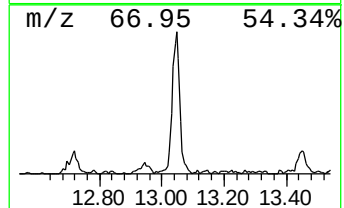
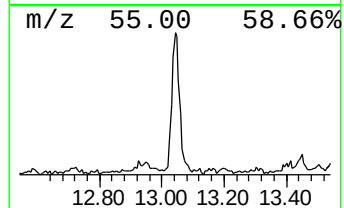
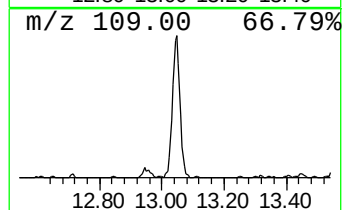
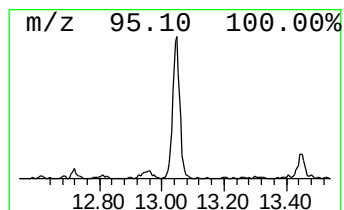
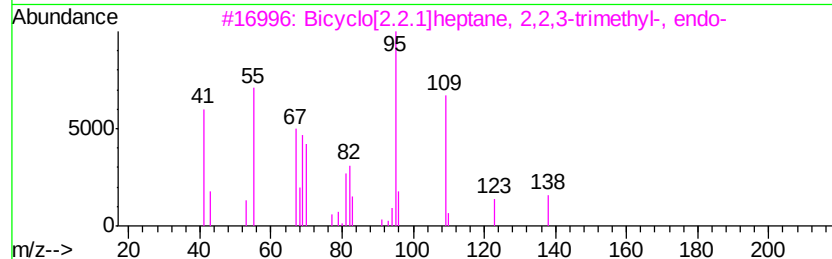
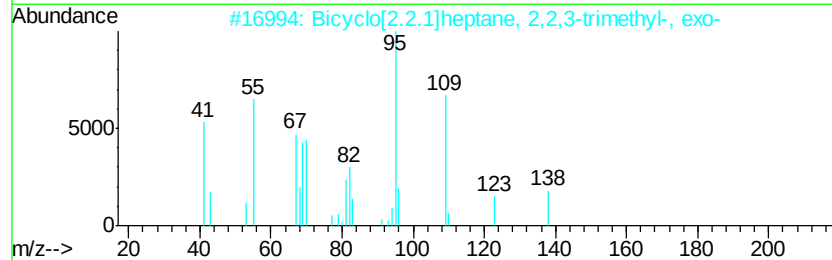
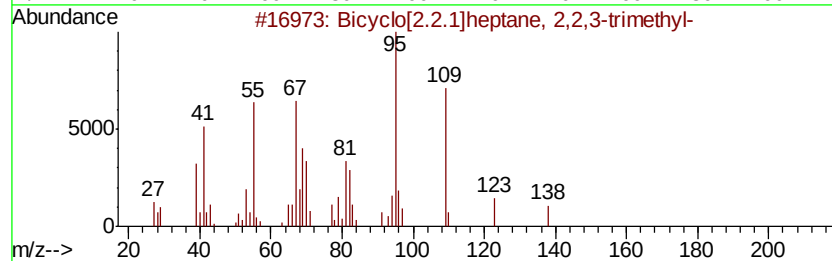
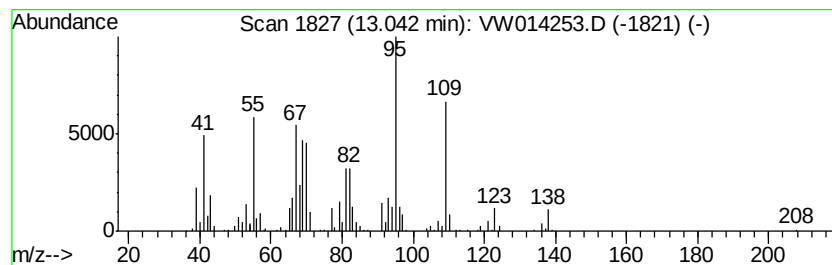
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.10 ug/L	194397	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	95
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	94
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	93
4		Cyclohexanone, 2-(1-methylethyl)...	138	C9H14O	013747-73-4	60
5		4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	55



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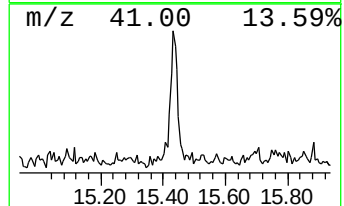
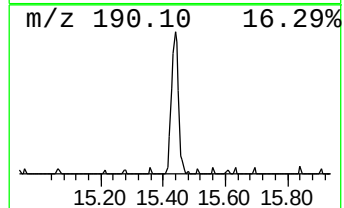
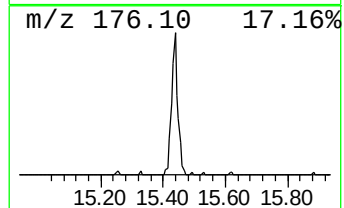
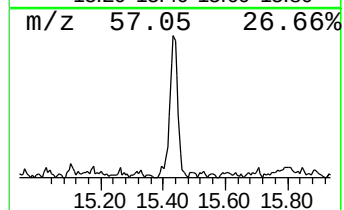
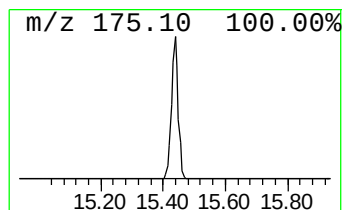
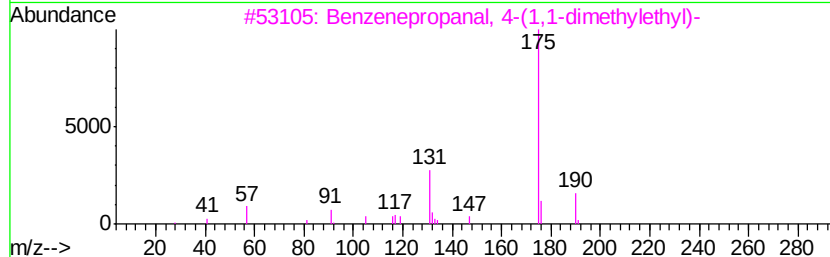
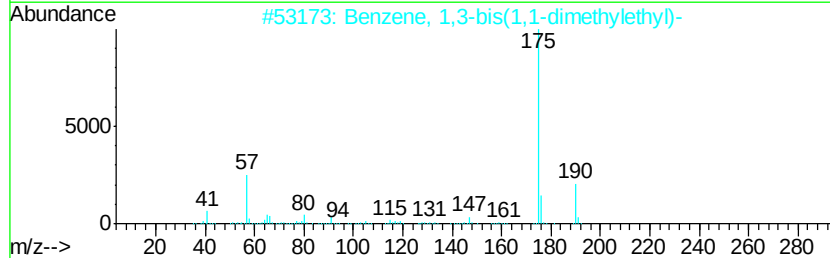
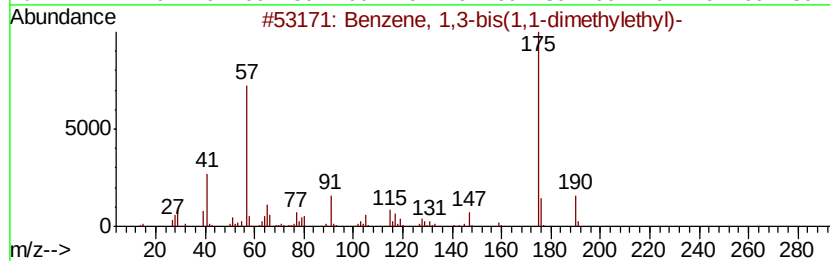
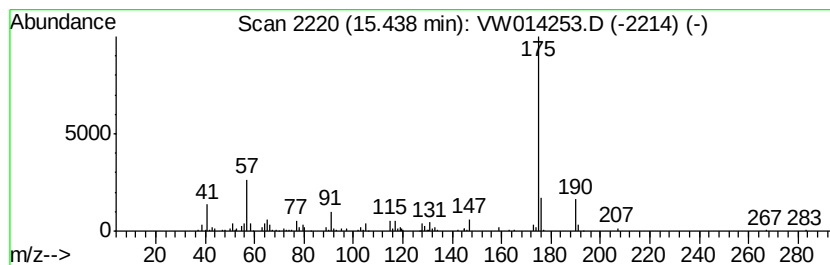
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Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.78 ug/L	84287	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	87
3		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	80
4		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	80
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[2.2.1]hep...	13.04	4.1	ug/L	194397	3	13.56	1184770	25.0
Benzene, 1,3-bis(...	15.44	1.8	ug/L	84287	3	13.56	1184770	25.0