

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013742.D
 Acq On : 25 Oct 2019 12:37
 Operator : SY/VA
 Sample : K5535-07
 Misc : 6.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK29

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\SOM2WLM101819S.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	2.160	37	42	48	rBV5	4064	9006	0.78%	0.128%
2	2.355	68	74	86	rVB	95431	172832	14.95%	2.455%
3	2.824	147	151	152	rBV2	1221	1156	0.10%	0.016%
4	2.892	154	162	177	rVB	66283	156162	13.51%	2.218%
5	3.032	179	185	191	rBV3	4674	10832	0.94%	0.154%
6	3.172	206	208	211	rVB3	869	652	0.06%	0.009%
7	3.391	235	244	253	rVB	5217	12219	1.06%	0.174%
8	4.019	335	347	361	rBV2	137532	416761	36.06%	5.920%
9	4.916	480	494	513	rBV6	11172	47494	4.11%	0.675%
10	5.428	571	578	591	rVB6	2525	8784	0.76%	0.125%
11	5.940	652	662	672	rVB3	6909	19327	1.67%	0.275%
12	6.872	813	815	820	rVB3	476	777	0.07%	0.011%
13	6.976	824	832	840	rBV6	3070	9063	0.78%	0.129%
14	7.080	840	849	854	rBV	26826	76832	6.65%	1.091%
15	7.647	927	942	955	rBV	182054	457822	39.61%	6.503%
16	7.958	979	993	1000	rBV7	8481	27869	2.41%	0.396%
17	8.031	1001	1005	1015	rVB4	1960	4213	0.36%	0.060%
18	8.153	1018	1025	1031	rBV5	3615	8450	0.73%	0.120%
19	8.275	1031	1045	1062	rBV2	402491	1155850	100.00%	16.418%
20	8.439	1065	1072	1076	rVV7	2212	4142	0.36%	0.059%
21	8.506	1078	1083	1088	rBV6	1279	2797	0.24%	0.040%
22	8.580	1088	1095	1100	rVB5	3335	7381	0.64%	0.105%
23	8.695	1107	1114	1121	rBV2	7646	13636	1.18%	0.194%
24	8.842	1129	1138	1149	rBV	330571	648531	56.11%	9.212%
25	9.073	1168	1176	1182	rBV5	1518	4546	0.39%	0.065%
26	9.275	1199	1209	1215	rBV	247093	502149	43.44%	7.133%
27	9.335	1216	1219	1226	rVB2	30683	53309	4.61%	0.757%
28	9.390	1226	1228	1233	rVB2	1589	1905	0.16%	0.027%
29	9.512	1244	1248	1254	rBV4	894	1880	0.16%	0.027%
30	9.610	1256	1264	1269	rBV3	2112	5181	0.45%	0.074%
31	9.750	1281	1287	1293	rVB3	2766	4937	0.43%	0.070%
32	9.890	1305	1310	1316	rBV3	2688	5792	0.50%	0.082%
33	9.957	1316	1321	1327	rBV6	4220	9054	0.78%	0.129%
34	10.037	1327	1334	1341	rBV	120017	211777	18.32%	3.008%

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 Title : VOC Analysis

35	10.219	1359	1364	1366	rBV4	1320	2542	0.22%	0.036%
36	10.244	1366	1368	1373	rVB3	1335	1484	0.13%	0.021%
37	10.323	1373	1381	1390	rBV	496507	878373	75.99%	12.477%
38	10.500	1403	1410	1416	rVV6	5949	12731	1.10%	0.181%
39	10.579	1416	1423	1432	rVV	68274	122431	10.59%	1.739%
40	10.665	1432	1437	1440	rVV2	5319	9905	0.86%	0.141%
41	10.707	1440	1444	1449	rVB3	11018	18868	1.63%	0.268%
42	10.762	1449	1453	1457	rBV7	2446	4453	0.39%	0.063%
43	10.854	1465	1468	1473	rVB4	1456	2454	0.21%	0.035%
44	10.927	1473	1480	1488	rBV	96224	164326	14.22%	2.334%
45	11.006	1491	1493	1494	rVV2	1343	1238	0.11%	0.018%
46	11.061	1498	1502	1508	rVV2	7105	11695	1.01%	0.166%
47	11.110	1508	1510	1513	rVV4	1011	1088	0.09%	0.015%
48	11.177	1513	1521	1525	rVV4	8858	15427	1.33%	0.219%
49	11.231	1525	1530	1534	rVV4	4274	7625	0.66%	0.108%
50	11.280	1534	1538	1540	rVV4	1215	1549	0.13%	0.022%
51	11.341	1543	1548	1551	rBV6	2005	3398	0.29%	0.048%
52	11.408	1556	1559	1560	rVV2	2056	2362	0.20%	0.034%
53	11.433	1560	1563	1571	rVB4	5753	10213	0.88%	0.145%
54	11.518	1571	1577	1579	rBV4	2277	3981	0.34%	0.057%
55	11.634	1588	1596	1607	rBV	349784	598681	51.80%	8.504%
56	11.725	1607	1611	1615	rBV5	2976	4162	0.36%	0.059%
57	11.835	1625	1629	1633	rVV3	6964	13604	1.18%	0.193%
58	11.872	1633	1635	1640	rVV5	4235	6712	0.58%	0.095%
59	11.914	1640	1642	1648	rVB5	1859	2532	0.22%	0.036%
60	12.042	1659	1663	1670	rVB5	1890	3488	0.30%	0.050%
61	12.128	1673	1677	1680	rBV5	3222	5756	0.50%	0.082%
62	12.304	1703	1706	1708	rBV3	1601	2299	0.20%	0.033%
63	12.372	1709	1717	1723	rVB7	4007	13021	1.13%	0.185%
64	12.469	1729	1733	1736	rBV5	1860	3581	0.31%	0.051%
65	12.500	1736	1738	1744	rVB6	1580	2044	0.18%	0.029%
66	12.609	1751	1756	1762	rVB	8964	14790	1.28%	0.210%
67	12.695	1762	1770	1778	rBV	146417	243214	21.04%	3.455%
68	12.774	1778	1783	1793	rVB8	3019	7626	0.66%	0.108%
69	12.865	1793	1798	1802	rBV3	2710	4747	0.41%	0.067%
70	12.938	1802	1810	1816	rBV3	8428	17448	1.51%	0.248%
71	13.079	1830	1833	1834	rBV2	1034	1144	0.10%	0.016%

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72	13.164	1843	1847	1853	rBV6	1193	2971	0.26%	0.042%
73	13.249	1857	1861	1865	rBV2	3792	5902	0.51%	0.084%
74	13.292	1866	1868	1875	rVB5	1962	2533	0.22%	0.036%
75	13.469	1889	1897	1904	rVB4	20433	38353	3.32%	0.545%
76	13.560	1904	1912	1919	rBV	191024	318468	27.55%	4.524%
77	13.701	1933	1935	1940	rBV6	1078	1855	0.16%	0.026%
78	13.755	1940	1944	1947	rBV5	1821	2661	0.23%	0.038%
79	13.853	1953	1960	1968	rBV	185238	303743	26.28%	4.314%
80	14.072	1992	1996	2003	rVB2	7749	15105	1.31%	0.215%
81	14.200	2013	2017	2022	rVB6	2373	4145	0.36%	0.059%
82	14.249	2022	2025	2026	rBV3	1980	2006	0.17%	0.028%
83	14.310	2033	2035	2036	rBV2	680	660	0.06%	0.009%
84	14.335	2036	2039	2041	rVV4	2324	3026	0.26%	0.043%
85	14.389	2044	2048	2052	rVV6	1793	2746	0.24%	0.039%
86	14.499	2063	2066	2068	rBV4	1037	1459	0.13%	0.021%
87	14.725	2099	2103	2107	rBV5	3049	5912	0.51%	0.084%
88	14.798	2113	2115	2121	rVB6	1927	2628	0.23%	0.037%
89	14.847	2121	2123	2126	rBV4	926	1455	0.13%	0.021%
90	14.956	2137	2141	2143	rBV5	1005	1248	0.11%	0.018%
91	15.048	2152	2156	2158	rBV5	1147	1192	0.10%	0.017%
92	15.401	2210	2214	2215	rBV2	1900	2050	0.18%	0.029%
93	15.432	2215	2219	2224	rVB2	9481	16111	1.39%	0.229%
94	15.688	2257	2261	2264	rBV3	1775	2367	0.20%	0.034%
95	15.737	2267	2269	2271	rVB2	1102	799	0.07%	0.011%
96	15.767	2271	2274	2277	rBV5	1471	2063	0.18%	0.029%
97	16.182	2340	2342	2344	rBV2	1440	1273	0.11%	0.018%
98	16.322	2363	2365	2368	rBV3	727	868	0.08%	0.012%
99	16.444	2384	2385	2388	rBV3	920	892	0.08%	0.013%
100	16.474	2388	2390	2392	rBV3	1405	1507	0.13%	0.021%

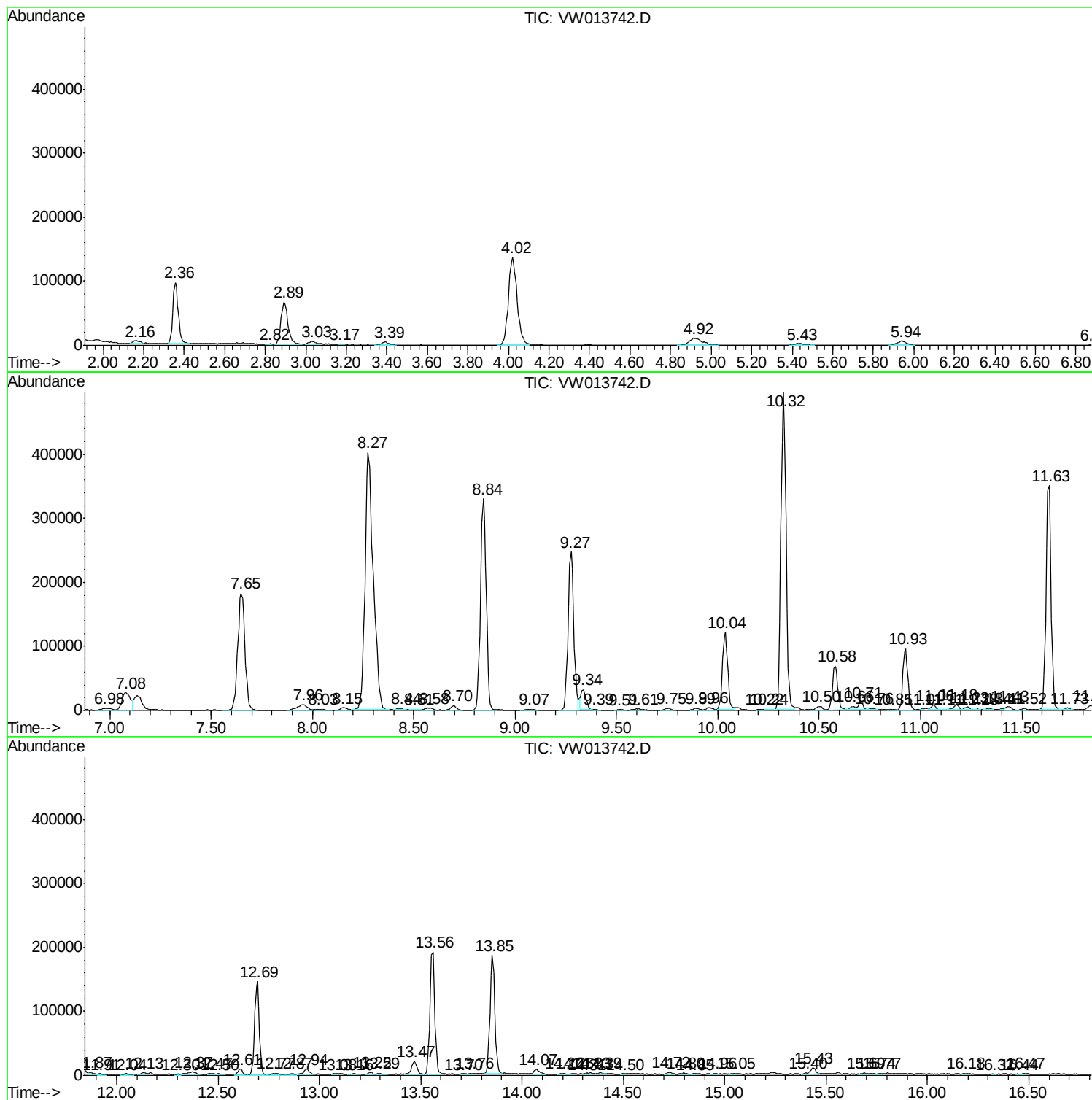
Sum of corrected areas: 7040108

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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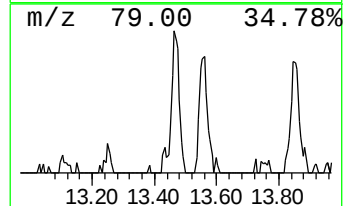
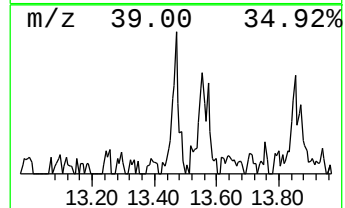
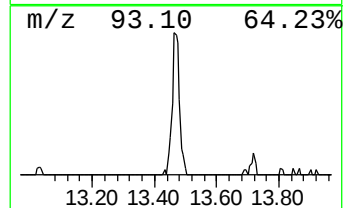
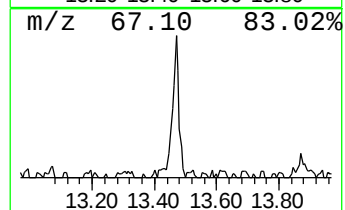
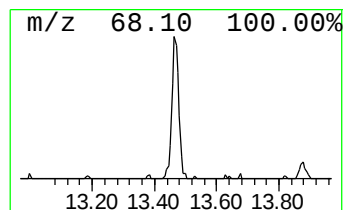
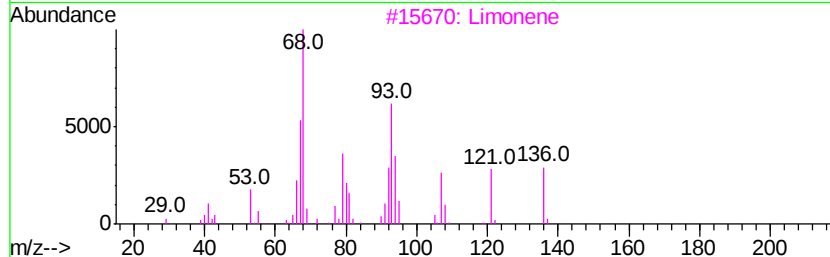
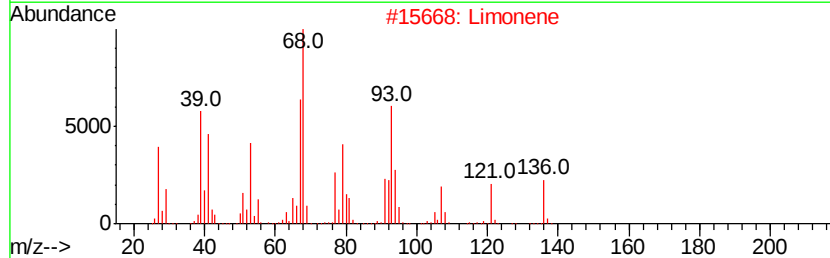
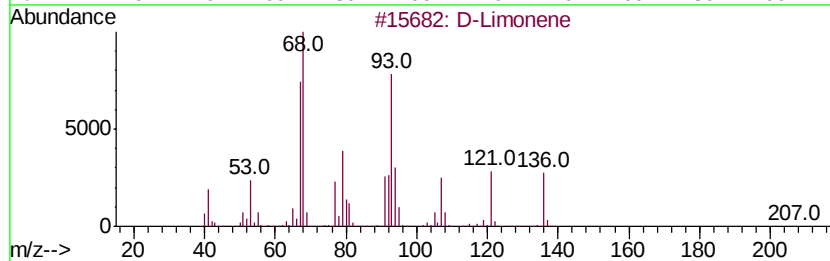
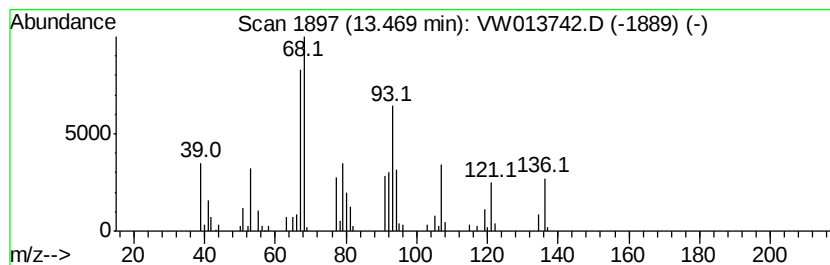
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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	3.01 ug/L	38353	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	87
2		Limonene	136	C10H16	000138-86-3	83
3		Limonene	136	C10H16	000138-86-3	80
4		D-Limonene	136	C10H16	005989-27-5	64
5		D-Limonene	136	C10H16	005989-27-5	60



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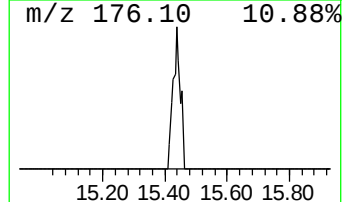
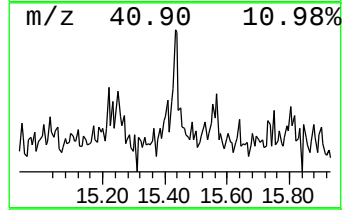
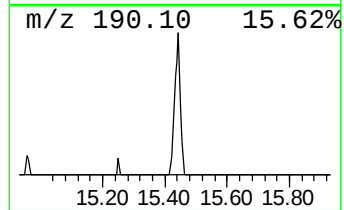
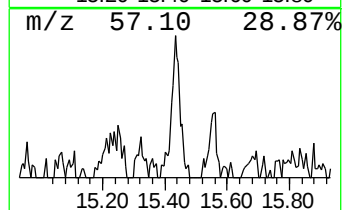
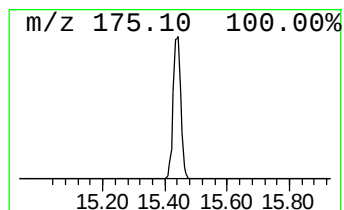
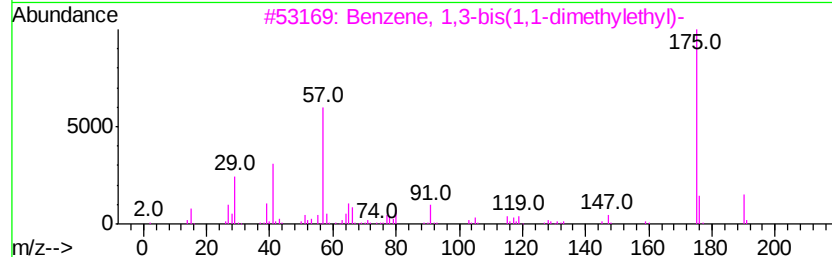
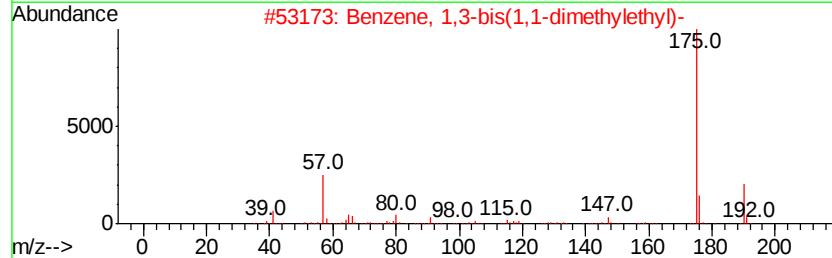
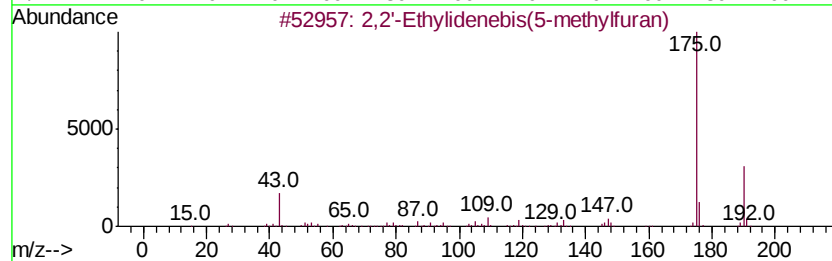
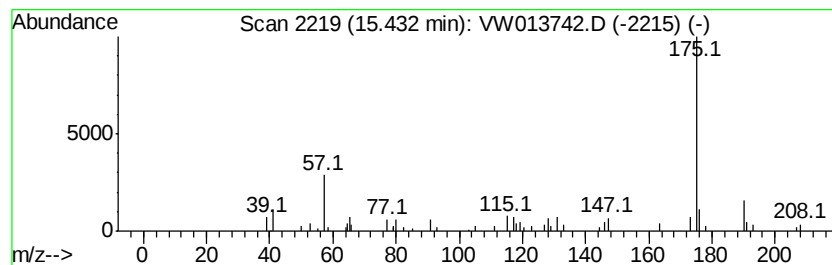
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,2'-Ethylidenebis(5-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	1.26 ug/L	16111	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72
2		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	72
3		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
5		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	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	3.0	ug/L	38353	3	13.56	318468	25.0
2,2'-Ethylidenebi...	15.43	1.3	ug/L	16111	3	13.56	318468	25.0