

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002839.D
 Acq On : 24 May 2018 11:42
 Operator : JC/SY
 Sample : J3059-02
 Misc : 4.68G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.746	16	26	28	rBV	10939	21185	2.90%	0.380%
2	1.801	28	35	56	rVB	232491	603497	82.58%	10.832%
3	1.959	57	61	62	rBV2	2257	2774	0.38%	0.050%
4	2.154	89	93	97	rBV4	2175	4327	0.59%	0.078%
5	2.209	99	102	104	rBV4	1729	2603	0.36%	0.047%
6	2.343	119	124	137	rVB	46880	87437	11.96%	1.569%
7	2.886	205	213	227	rBV	36467	102530	14.03%	1.840%
8	3.837	366	369	371	rBV3	1068	1119	0.15%	0.020%
9	4.001	383	396	411	rBV2	56386	202007	27.64%	3.626%
10	4.367	445	456	469	rVV	32355	106654	14.59%	1.914%
11	4.605	487	495	496	rBV3	846	1779	0.24%	0.032%
12	4.678	504	507	511	rVB4	918	1223	0.17%	0.022%
13	4.898	533	543	556	rBV10	4529	19134	2.62%	0.343%
14	5.087	571	574	575	rBV3	622	760	0.10%	0.014%
15	5.361	616	619	624	rBV3	551	1068	0.15%	0.019%
16	5.495	639	641	645	rVB3	597	905	0.12%	0.016%
17	5.721	676	678	681	rBV2	641	719	0.10%	0.013%
18	5.775	684	687	688	rBV2	726	716	0.10%	0.013%
19	5.928	703	712	719	rBV5	2928	8282	1.13%	0.149%
20	6.099	735	740	742	rBV4	608	1024	0.14%	0.018%
21	6.153	746	749	751	rVB	712	816	0.11%	0.015%
22	6.196	751	756	760	rBV5	868	1426	0.20%	0.026%
23	6.410	786	791	793	rVB3	583	945	0.13%	0.017%
24	7.080	890	901	908	rBV	39243	107038	14.65%	1.921%
25	7.153	909	913	923	rVB	18628	45344	6.20%	0.814%
26	7.397	951	953	957	rVB2	828	973	0.13%	0.017%
27	7.482	965	967	969	rVV2	614	710	0.10%	0.013%
28	7.537	974	976	979	rVV4	1023	1336	0.18%	0.024%
29	7.586	982	984	985	rVV	910	712	0.10%	0.013%
30	7.647	985	994	1005	rVV	138210	332595	45.51%	5.970%
31	7.739	1007	1009	1010	rVV	931	701	0.10%	0.013%
32	8.068	1060	1063	1065	rBV3	490	713	0.10%	0.013%
33	8.275	1087	1097	1112	rBV2	228556	730814	100.00%	13.117%
34	8.562	1140	1144	1147	rBV4	552	848	0.12%	0.015%

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 Title : VOC Analysis

35	8.635	1153	1156	1162	rBV6	744	1042	0.14%	0.019%
36	8.690	1162	1165	1168	rVV2	847	1237	0.17%	0.022%
37	8.720	1168	1170	1173	rVB3	947	1105	0.15%	0.020%
38	8.842	1182	1190	1207	rBV	219521	444514	60.82%	7.978%
39	9.037	1217	1222	1225	rVV4	1381	2889	0.40%	0.052%
40	9.092	1229	1231	1236	rVB3	1828	2087	0.29%	0.037%
41	9.214	1245	1251	1253	rBV3	804	1247	0.17%	0.022%
42	9.275	1253	1261	1273	rBV	187205	389252	53.26%	6.987%
43	9.519	1297	1301	1304	rBV5	1131	1586	0.22%	0.028%
44	9.671	1322	1326	1330	rBV5	696	813	0.11%	0.015%
45	9.763	1336	1341	1342	rBV3	2184	2999	0.41%	0.054%
46	9.787	1342	1345	1346	rBV3	1638	1627	0.22%	0.029%
47	10.037	1376	1386	1395	rBV	70833	136578	18.69%	2.451%
48	10.208	1410	1414	1416	rBV4	1981	2651	0.36%	0.048%
49	10.256	1420	1422	1426	rVB5	1225	1584	0.22%	0.028%
50	10.330	1426	1434	1441	rBV	277780	488964	66.91%	8.776%
51	10.390	1441	1444	1449	rVB	8112	13076	1.79%	0.235%
52	10.579	1470	1475	1481	rBV	40979	72690	9.95%	1.305%
53	10.714	1493	1497	1500	rBV4	5751	9320	1.28%	0.167%
54	10.823	1503	1515	1518	rBV4	28559	97891	13.39%	1.757%
55	10.933	1527	1533	1539	rBV	130974	235447	32.22%	4.226%
56	11.640	1642	1649	1656	rVB	241105	412518	56.45%	7.404%
57	11.841	1677	1682	1693	rVB6	5420	14336	1.96%	0.257%
58	12.171	1732	1736	1743	rVB7	4533	8043	1.10%	0.144%
59	12.250	1746	1749	1753	rVB5	1221	1784	0.24%	0.032%
60	12.616	1799	1809	1815	rBV3	11685	27957	3.83%	0.502%
61	12.701	1816	1823	1831	rVV	168567	271593	37.16%	4.875%
62	12.762	1831	1833	1838	rVB4	1726	2322	0.32%	0.042%
63	12.817	1840	1842	1848	rVB5	1509	1716	0.23%	0.031%
64	12.872	1848	1851	1852	rBV2	1788	1638	0.22%	0.029%
65	12.945	1859	1863	1867	rBV4	2942	5259	0.72%	0.094%
66	13.036	1876	1878	1884	rVB5	813	1525	0.21%	0.027%
67	13.110	1884	1890	1894	rBV6	1648	3761	0.51%	0.068%
68	13.170	1896	1900	1902	rBV4	536	804	0.11%	0.014%
69	13.207	1902	1906	1910	rVB4	2183	3730	0.51%	0.067%
70	13.262	1910	1915	1919	rBV4	1597	3039	0.42%	0.055%
71	13.317	1919	1924	1932	rVB6	2803	5765	0.79%	0.103%

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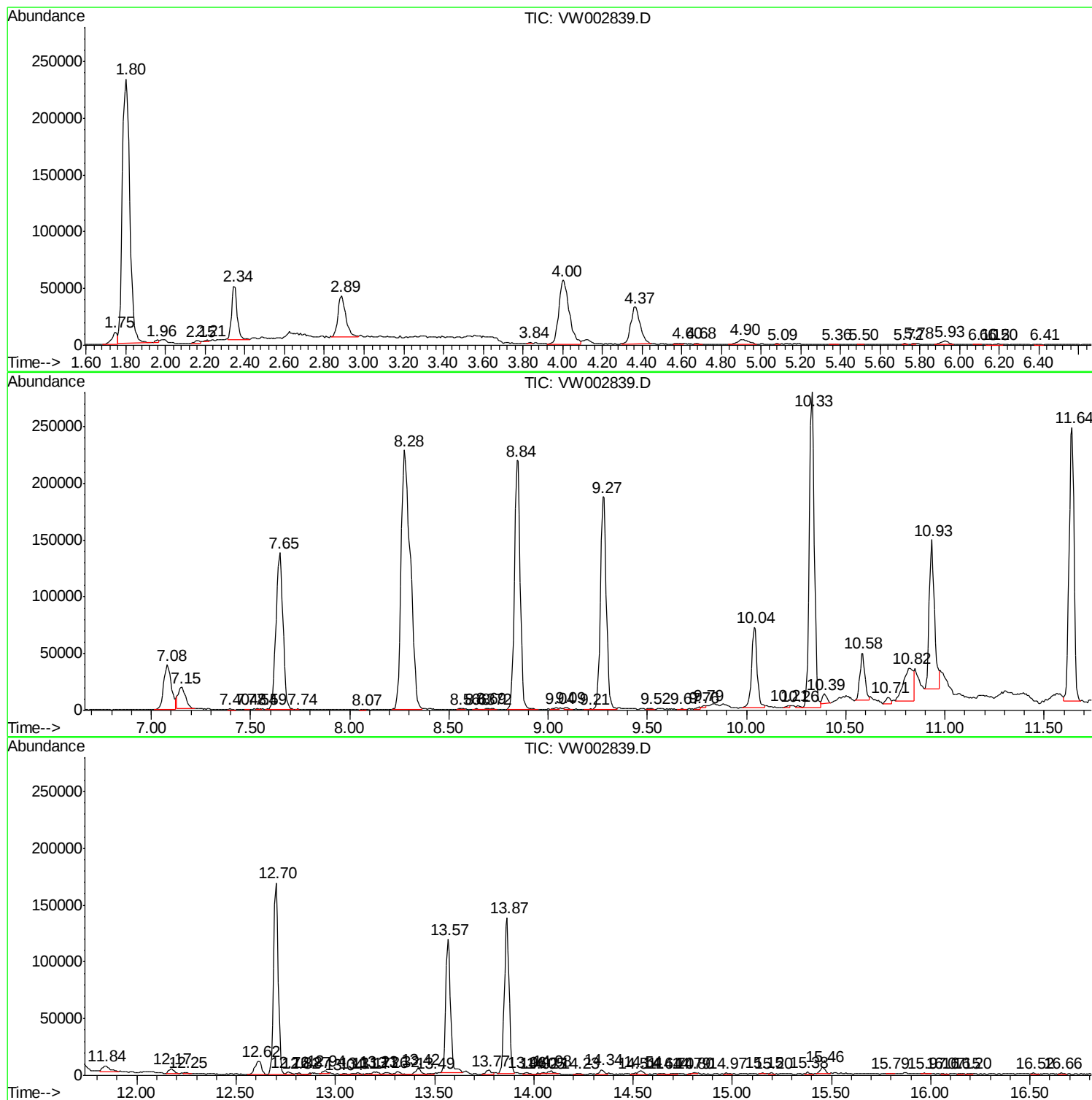
72	13.420	1932	1941	1947	rBV5	5012	10646	1.46%	0.191%
73	13.494	1947	1953	1954	rBV4	1355	2286	0.31%	0.041%
74	13.567	1959	1965	1977	rBV	117550	197113	26.97%	3.538%
75	13.774	1993	1999	2003	rBV4	3468	6589	0.90%	0.118%
76	13.865	2006	2014	2020	rBV	137546	231398	31.66%	4.153%
77	13.957	2027	2029	2038	rVB7	1599	2835	0.39%	0.051%
78	14.018	2038	2039	2042	rBV3	1113	1249	0.17%	0.022%
79	14.048	2042	2044	2046	rVV3	1119	1285	0.18%	0.023%
80	14.085	2046	2050	2056	rVB2	2820	4908	0.67%	0.088%
81	14.225	2069	2073	2076	rVB5	867	1413	0.19%	0.025%
82	14.341	2087	2092	2097	rBV7	3999	6378	0.87%	0.114%
83	14.512	2116	2120	2121	rBV4	1339	1573	0.22%	0.028%
84	14.542	2121	2125	2130	rVV6	2856	4475	0.61%	0.080%
85	14.640	2138	2141	2147	rVB6	1082	1798	0.25%	0.032%
86	14.701	2147	2151	2155	rBV5	1080	1964	0.27%	0.035%
87	14.786	2163	2165	2166	rBV2	806	692	0.09%	0.012%
88	14.804	2166	2168	2171	rVV2	800	1123	0.15%	0.020%
89	14.969	2193	2195	2200	rVB4	1066	1333	0.18%	0.024%
90	15.152	2222	2225	2228	rBV4	1398	1094	0.15%	0.020%
91	15.201	2230	2233	2235	rVB3	923	1121	0.15%	0.020%
92	15.377	2260	2262	2267	rVB4	1854	2240	0.31%	0.040%
93	15.457	2269	2275	2281	rBV2	6193	10577	1.45%	0.190%
94	15.786	2327	2329	2334	rBV5	645	948	0.13%	0.017%
95	15.969	2356	2359	2364	rVB3	869	1110	0.15%	0.020%
96	16.066	2373	2375	2379	rVB2	842	863	0.12%	0.015%
97	16.146	2386	2388	2391	rBV3	904	1016	0.14%	0.018%
98	16.200	2393	2397	2399	rBV4	952	1637	0.22%	0.029%
99	16.517	2447	2449	2454	rVB4	1041	1238	0.17%	0.022%
100	16.658	2469	2472	2476	rBV5	1024	1451	0.20%	0.026%

Sum of corrected areas: 5571456

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



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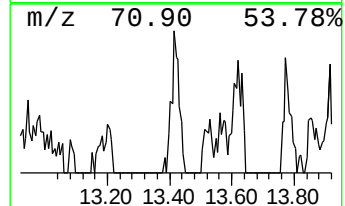
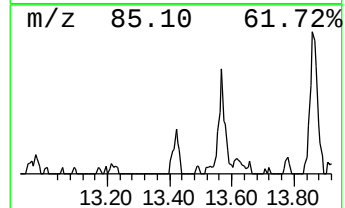
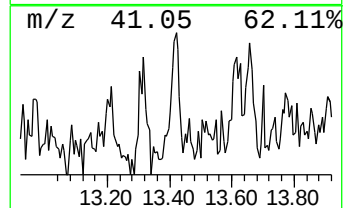
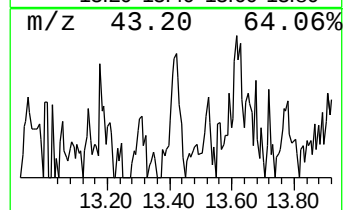
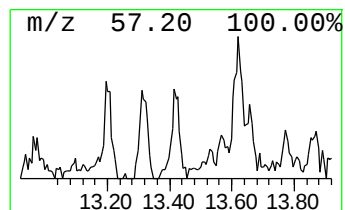
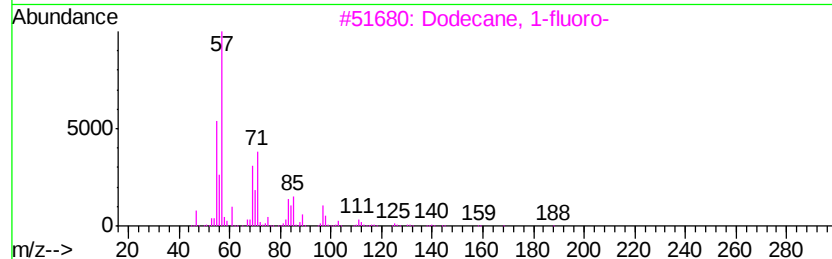
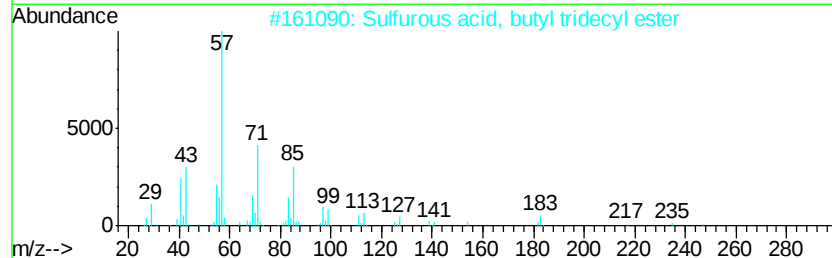
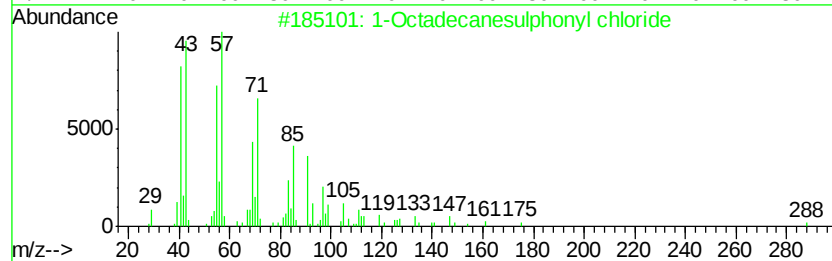
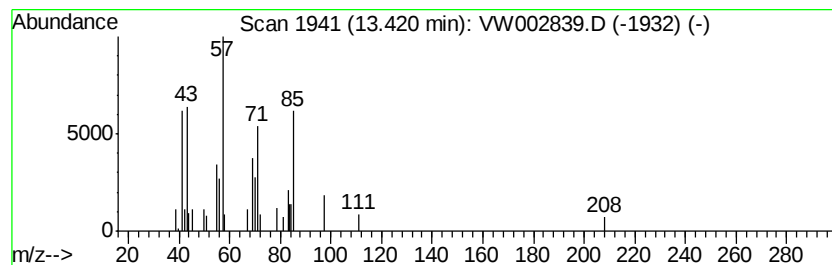
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 6 1-Octadecanesulphonyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	1.35 ug/L	10646	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	59
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	59
3		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	59
4		Octane	114	C8H18	000111-65-9	53
5		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	53



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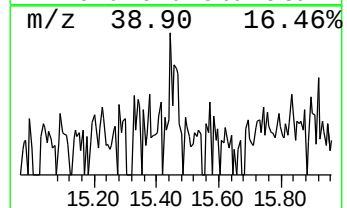
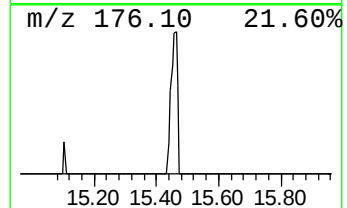
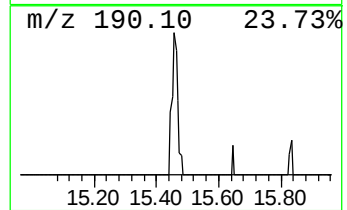
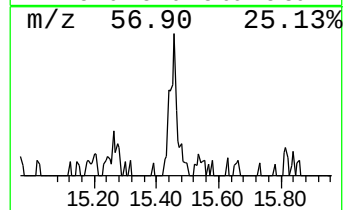
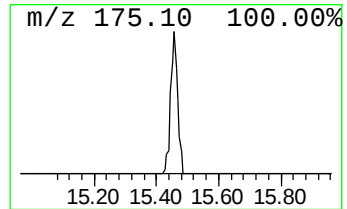
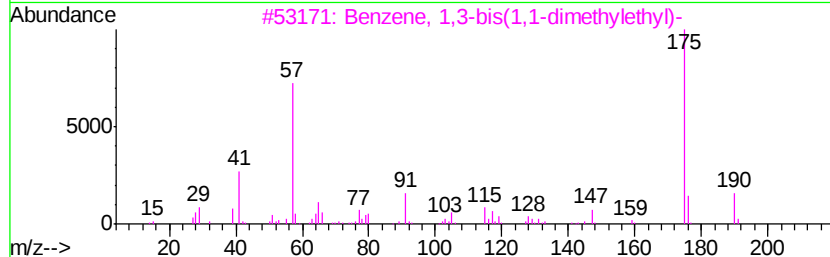
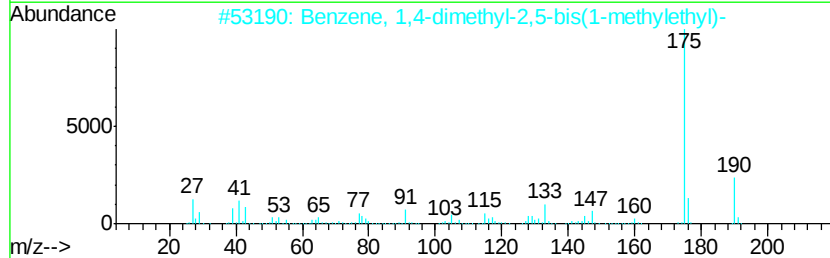
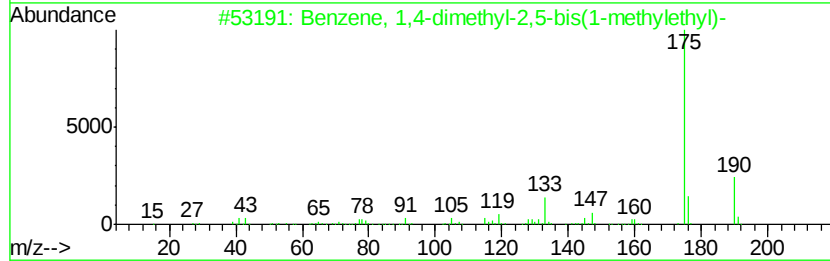
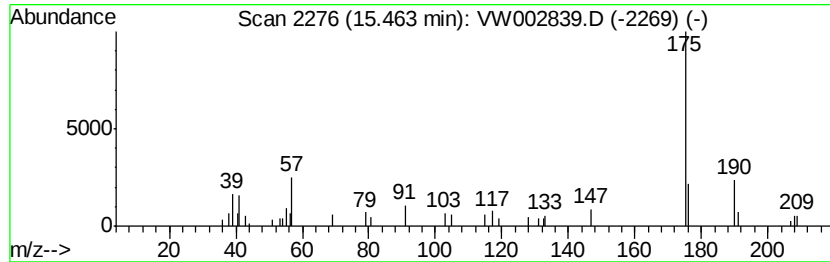
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,4-dimethyl-2,5-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	1.34 ug/L	10577	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
2		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
3		Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
4		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
5		2,3,4,5,6-Pentamethyl acetophenone	190	C13H18O	1000342-53-1	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Octadecanesulph...	13.42	1.4	ug/L	10646	3	13.57	197113	25.0
Benzene, 1,4-dime...	15.46	1.3	ug/L	10577	3	13.57	197113	25.0