

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010822.D
 Acq On : 17 Jun 2019 12:39
 Operator : SY/VA
 Sample : K3324-20
 Misc : 3.66G/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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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	17	rVB3	9802	17419	0.37%	0.171%
2	2.160	37	42	49	rBV2	21836	37160	0.80%	0.364%
3	2.343	67	72	82	rVB	74403	123000	2.64%	1.205%
4	2.641	116	121	126	rVB7	5300	11256	0.24%	0.110%
5	2.879	154	160	170	rBV	61798	126973	2.73%	1.244%
6	3.361	237	239	240	rBV2	667	513	0.01%	0.005%
7	3.544	262	269	275	rBV3	1485	3714	0.08%	0.036%
8	3.666	287	289	291	rBV2	656	489	0.01%	0.005%
9	3.727	297	299	302	rVB4	466	502	0.01%	0.005%
10	3.848	313	319	327	rBV5	1753	4720	0.10%	0.046%
11	4.013	335	346	359	rBV	115872	309821	6.66%	3.034%
12	4.135	361	366	368	rBV4	1607	2813	0.06%	0.028%
13	4.281	388	390	392	rBV2	413	492	0.01%	0.005%
14	4.397	399	409	417	rBV2	5770	19310	0.41%	0.189%
15	4.507	423	427	429	rVB4	407	554	0.01%	0.005%
16	4.574	433	438	439	rBV2	410	602	0.01%	0.006%
17	4.598	439	442	444	rBV3	513	652	0.01%	0.006%
18	4.824	477	479	482	rBV3	463	496	0.01%	0.005%
19	4.909	482	493	508	rBV2	11560	41306	0.89%	0.405%
20	5.415	569	576	588	rVB5	4355	14013	0.30%	0.137%
21	5.629	609	611	613	rBV2	441	492	0.01%	0.005%
22	5.940	651	662	673	rVB4	6950	22782	0.49%	0.223%
23	6.055	678	681	682	rVB2	634	536	0.01%	0.005%
24	6.104	688	689	692	rBV3	565	625	0.01%	0.006%
25	6.214	706	707	709	rBV2	645	638	0.01%	0.006%
26	6.403	736	738	741	rVV4	448	526	0.01%	0.005%
27	6.470	748	749	751	rVB	703	464	0.01%	0.005%
28	6.494	751	753	754	rBV	485	460	0.01%	0.005%
29	6.891	816	818	822	rVB3	491	595	0.01%	0.006%
30	7.080	840	849	855	rVV	49576	133041	2.86%	1.303%
31	7.171	856	864	878	rVB	143831	392608	8.43%	3.845%
32	7.415	903	904	906	rBV	684	505	0.01%	0.005%
33	7.445	907	909	914	rVB5	779	1147	0.02%	0.011%
34	7.494	914	917	918	rBV2	707	640	0.01%	0.006%

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35	7.519	918	921	922	rBV2	1255	1114	0.02%	0.011%
36	7.659	932	944	958	rBV3	128167	444326	9.55%	4.352%
37	7.848	971	975	978	rBV4	711	1260	0.03%	0.012%
38	7.927	984	988	989	rBV3	664	754	0.02%	0.007%
39	7.951	989	992	1000	rVB6	1649	3177	0.07%	0.031%
40	8.061	1008	1010	1012	rBV3	771	794	0.02%	0.008%
41	8.275	1035	1045	1060	rBV2	288920	892523	19.17%	8.741%
42	8.482	1077	1079	1082	rVB3	531	521	0.01%	0.005%
43	8.689	1110	1113	1114	rBV2	742	640	0.01%	0.006%
44	8.768	1123	1126	1128	rBV4	756	814	0.02%	0.008%
45	8.841	1128	1138	1156	rVB	255241	515076	11.07%	5.045%
46	9.030	1164	1169	1170	rBV2	5815	7630	0.16%	0.075%
47	9.091	1170	1179	1189	rVB	2374936	4654756	100.00%	45.588%
48	9.274	1201	1209	1219	rBV	259159	521857	11.21%	5.111%
49	9.463	1237	1240	1244	rVB4	380	570	0.01%	0.006%
50	9.658	1267	1272	1280	rVV4	1829	3897	0.08%	0.038%
51	9.750	1282	1287	1288	rBV3	473	644	0.01%	0.006%
52	9.939	1316	1318	1319	rBV	577	535	0.01%	0.005%
53	9.951	1319	1320	1326	rVB3	867	912	0.02%	0.009%
54	10.036	1326	1334	1343	rBV	92406	167410	3.60%	1.640%
55	10.134	1349	1350	1353	rVB2	1129	758	0.02%	0.007%
56	10.213	1359	1363	1364	rBV3	633	803	0.02%	0.008%
57	10.244	1366	1368	1371	rVV4	724	851	0.02%	0.008%
58	10.323	1373	1381	1388	rVV	261856	464572	9.98%	4.550%
59	10.390	1388	1392	1401	rVB2	5439	10444	0.22%	0.102%
60	10.488	1403	1408	1413	rBV5	1306	2794	0.06%	0.027%
61	10.579	1415	1423	1430	rBV	44899	82689	1.78%	0.810%
62	10.707	1439	1444	1449	rBV2	7024	12242	0.26%	0.120%
63	10.768	1451	1454	1455	rBV3	974	930	0.02%	0.009%
64	10.866	1464	1470	1474	rBV6	2843	4679	0.10%	0.046%
65	10.926	1474	1480	1492	rVV	146453	256029	5.50%	2.508%
66	11.067	1499	1503	1508	rVB5	2082	3689	0.08%	0.036%
67	11.176	1518	1521	1522	rBV3	726	898	0.02%	0.009%
68	11.634	1589	1596	1608	rVB	171207	296993	6.38%	2.909%
69	11.835	1625	1629	1636	rBV2	4516	8300	0.18%	0.081%
70	12.164	1680	1683	1693	rVB9	2466	5590	0.12%	0.055%
71	12.341	1710	1712	1715	rBV4	541	681	0.01%	0.007%

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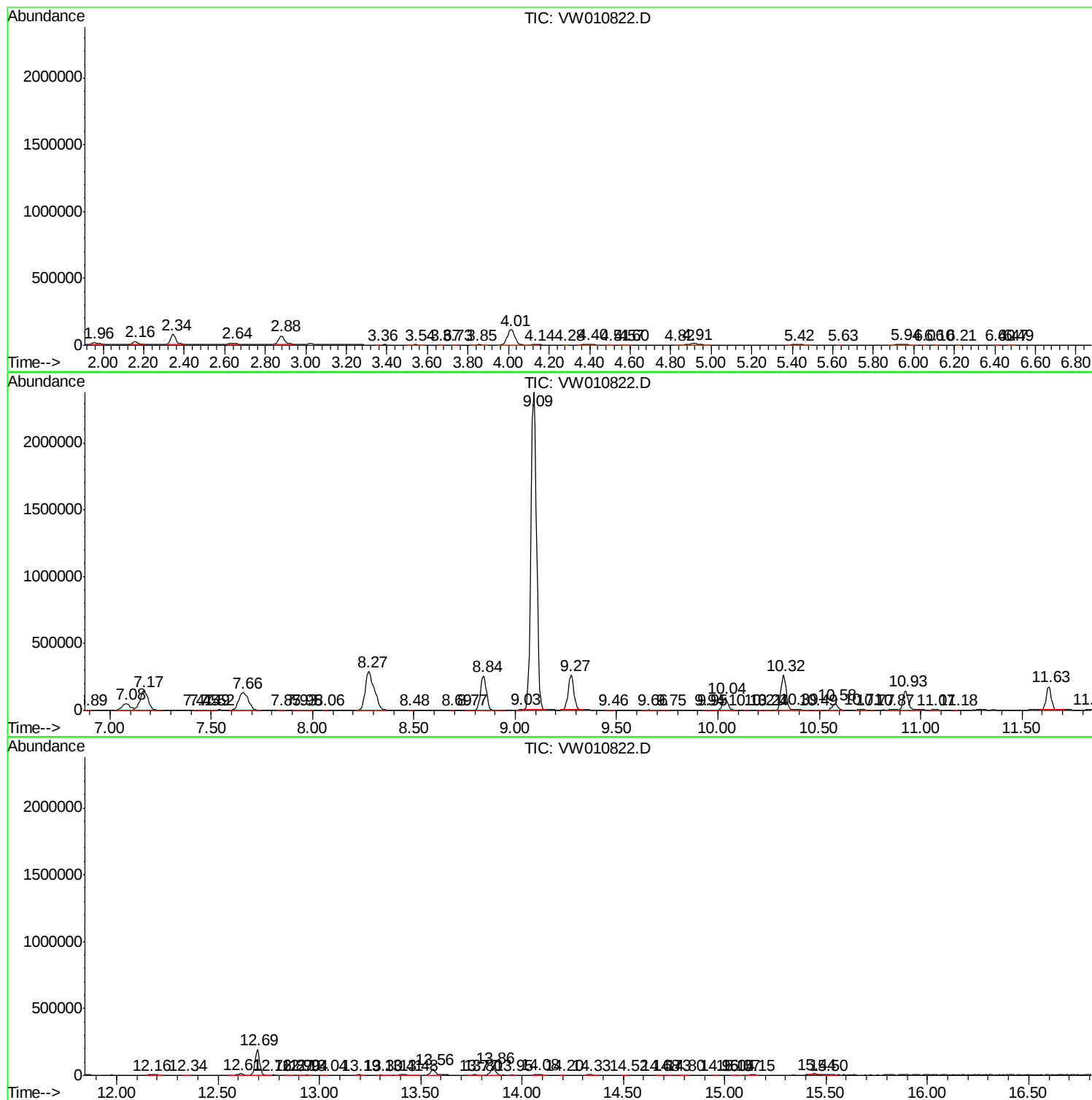
72	12.609	1747	1756	1763	rVB	11076	20141	0.43%	0.197%
73	12.694	1763	1770	1777	rBV	192147	315293	6.77%	3.088%
74	12.755	1778	1780	1781	rBV	853	604	0.01%	0.006%
75	12.865	1792	1798	1799	rBV4	961	1199	0.03%	0.012%
76	12.902	1803	1804	1806	rVB2	786	459	0.01%	0.004%
77	12.938	1806	1810	1813	rBV6	1506	2498	0.05%	0.024%
78	13.036	1821	1826	1827	rBV2	690	914	0.02%	0.009%
79	13.194	1849	1852	1857	rVB4	2205	3373	0.07%	0.033%
80	13.304	1867	1870	1878	rVB6	1732	2890	0.06%	0.028%
81	13.408	1881	1887	1894	rVB6	3977	7784	0.17%	0.076%
82	13.481	1894	1899	1901	rBV5	866	1574	0.03%	0.015%
83	13.560	1906	1912	1918	rBV	42445	70059	1.51%	0.686%
84	13.774	1940	1947	1950	rBV5	1756	3182	0.07%	0.031%
85	13.798	1950	1951	1953	rBV2	944	507	0.01%	0.005%
86	13.859	1955	1961	1968	rBV	53440	91497	1.97%	0.896%
87	13.950	1974	1976	1979	rVB2	889	849	0.02%	0.008%
88	14.078	1992	1997	2003	rVB2	6654	10710	0.23%	0.105%
89	14.200	2014	2017	2018	rBV3	639	660	0.01%	0.006%
90	14.334	2035	2039	2045	rBV5	2865	4816	0.10%	0.047%
91	14.517	2065	2069	2070	rBV4	497	743	0.02%	0.007%
92	14.676	2093	2095	2097	rBV2	563	608	0.01%	0.006%
93	14.731	2101	2104	2106	rVB3	775	788	0.02%	0.008%
94	14.798	2110	2115	2119	rBV5	702	1388	0.03%	0.014%
95	14.962	2139	2142	2143	rBV3	946	905	0.02%	0.009%
96	15.042	2153	2155	2157	rBV3	520	551	0.01%	0.005%
97	15.072	2159	2160	2162	rBV	580	511	0.01%	0.005%
98	15.145	2167	2172	2175	rBV5	1600	2816	0.06%	0.028%
99	15.444	2215	2221	2226	rBV	10155	17025	0.37%	0.167%
100	15.505	2228	2231	2239	rVB	1990	3127	0.07%	0.031%

Sum of corrected areas: 10210487

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

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



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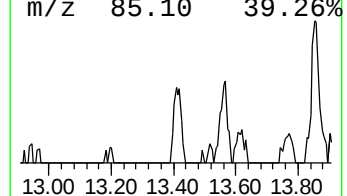
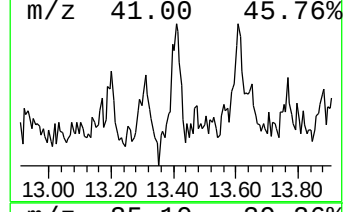
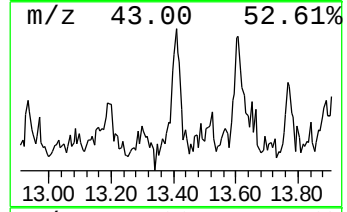
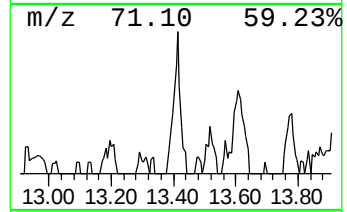
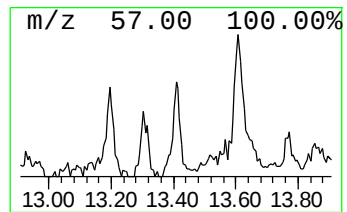
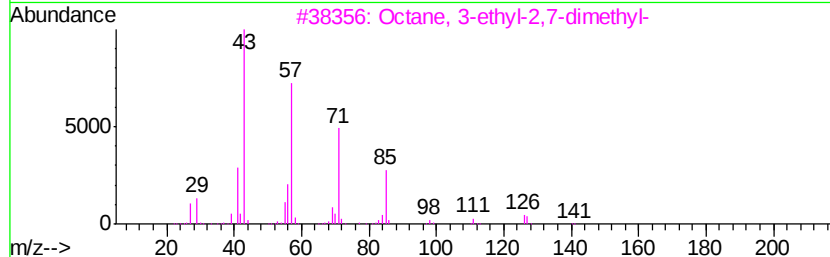
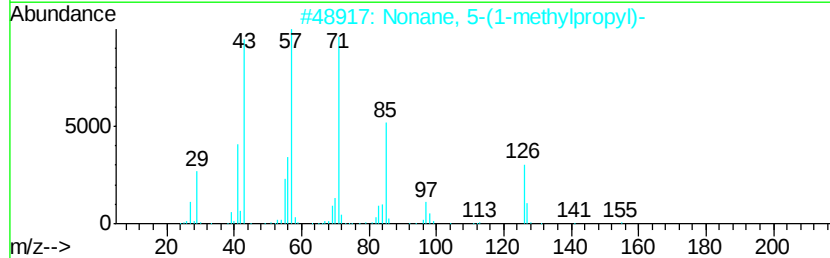
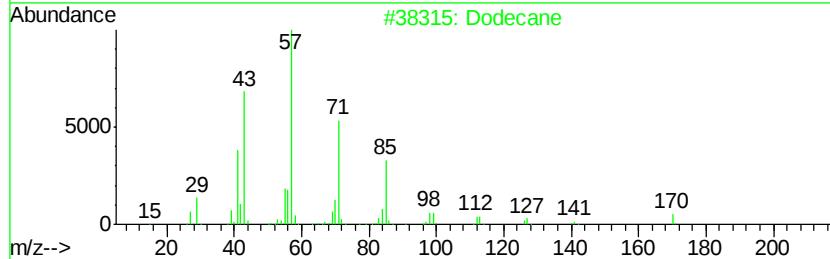
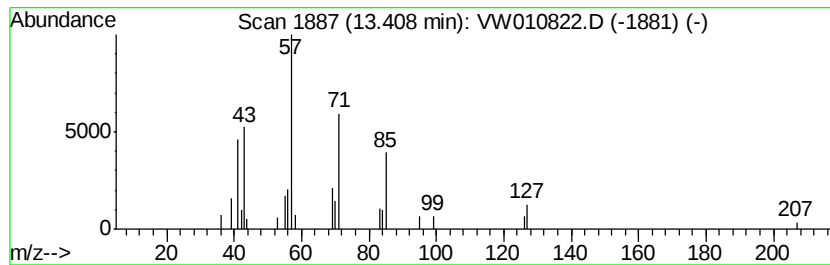
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.78 ug/L	7784	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	72
2		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5		Hexadecane	226	C16H34	000544-76-3	59



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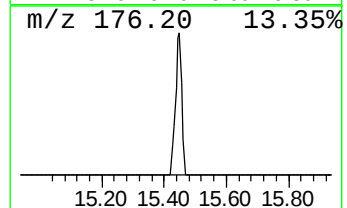
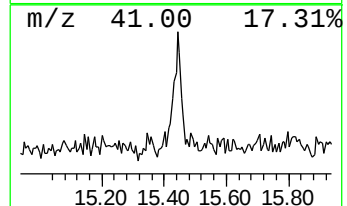
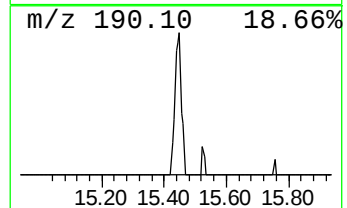
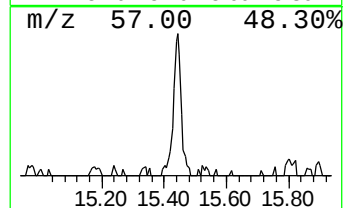
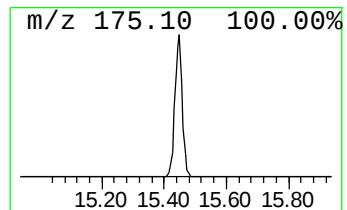
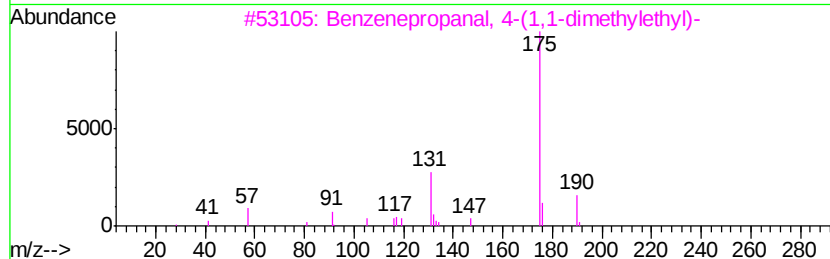
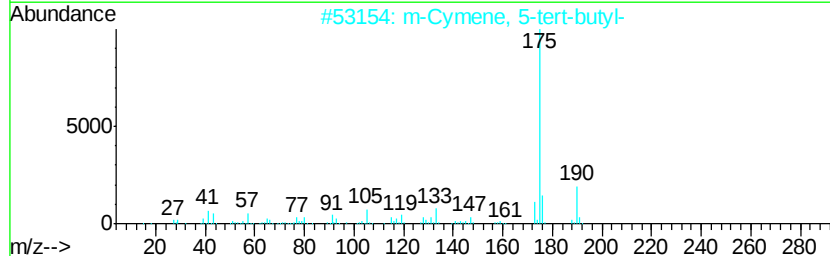
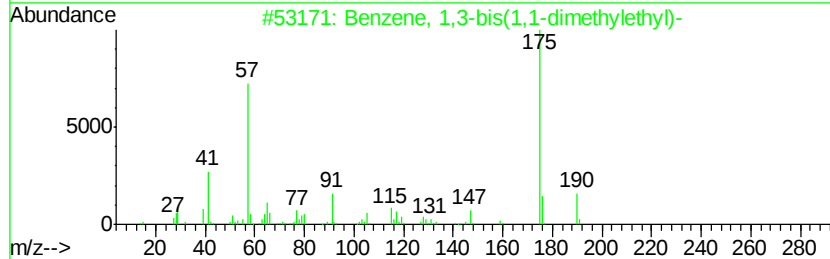
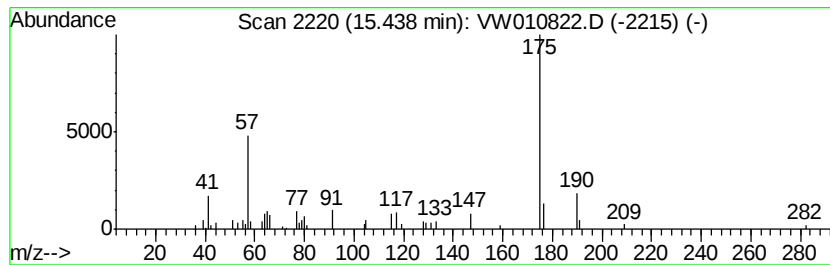
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	6.08 ug/L	17025	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	93
2			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80
3			Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	80
4			Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72
5			Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	13.41	2.8	ug/L	7784	3	13.56	70059	25.0
Benzene, 1,3-bis(...	15.44	6.1	ug/L	17025	3	13.56	70059	25.0