

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010209.D
 Acq On : 30 Apr 2019 06:23
 Operator : SY/VA
 Sample : K2613-02
 Misc : 3.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH56

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\SOM2WLM042919S.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	2.355	69	74	84	rVB	52194	104363	8.92%	1.399%
2	2.892	156	162	177	rVB	49310	123982	10.59%	1.662%
3	3.824	312	315	316	rVB	1299	914	0.08%	0.012%
4	3.849	316	319	320	rBV3	1222	1466	0.13%	0.020%
5	4.007	335	345	360	rVV2	91419	307130	26.24%	4.117%
6	4.196	370	376	381	rVB8	3536	8787	0.75%	0.118%
7	4.330	395	398	400	rBV3	683	988	0.08%	0.013%
8	4.410	400	411	412	rBV5	3416	7822	0.67%	0.105%
9	4.599	439	442	446	rBV2	1645	2439	0.21%	0.033%
10	4.672	452	454	460	rVB3	1269	1945	0.17%	0.026%
11	4.763	464	469	470	rBV2	788	880	0.08%	0.012%
12	4.903	484	492	494	rBV4	5654	10989	0.94%	0.147%
13	5.092	519	523	526	rVB3	1063	1615	0.14%	0.022%
14	5.275	551	553	557	rVB2	704	835	0.07%	0.011%
15	5.483	583	587	588	rVV	875	977	0.08%	0.013%
16	5.550	595	598	601	rVV3	583	821	0.07%	0.011%
17	5.604	605	607	610	rVV2	621	878	0.08%	0.012%
18	5.702	617	623	626	rVV2	429	859	0.07%	0.012%
19	5.928	654	660	664	rBV3	1220	2390	0.20%	0.032%
20	6.690	782	785	788	rVB2	797	866	0.07%	0.012%
21	6.757	793	796	799	rBV	744	885	0.08%	0.012%
22	6.818	804	806	809	rBV3	807	878	0.08%	0.012%
23	6.921	820	823	824	rBV2	774	803	0.07%	0.011%
24	7.080	839	849	856	rBV	24835	73536	6.28%	0.986%
25	7.366	894	896	900	rVB2	805	1009	0.09%	0.014%
26	7.537	920	924	930	rVB5	1970	4758	0.41%	0.064%
27	7.641	930	941	955	rBV	242464	583816	49.88%	7.827%
28	7.958	987	993	996	rBV4	481	992	0.08%	0.013%
29	7.982	996	997	1001	rVB	850	850	0.07%	0.011%
30	8.067	1008	1011	1014	rVB2	838	1160	0.10%	0.016%
31	8.275	1034	1045	1060	rBV2	373411	1170431	100.00%	15.691%
32	8.665	1106	1109	1112	rBV	735	822	0.07%	0.011%
33	8.842	1129	1138	1147	rBV	401256	796270	68.03%	10.675%
34	9.043	1169	1171	1172	rVV2	1164	1123	0.10%	0.015%

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 Title : VOC Analysis

35	9.073	1172	1176	1185	rVB5	6539	13390	1.14%	0.180%
36	9.189	1192	1195	1197	rBV2	694	810	0.07%	0.011%
37	9.275	1200	1209	1218	rBV	318304	635185	54.27%	8.515%
38	9.659	1268	1272	1277	rBV6	1770	3290	0.28%	0.044%
39	9.768	1287	1290	1292	rBV4	572	810	0.07%	0.011%
40	9.896	1307	1311	1315	rVB6	1487	2972	0.25%	0.040%
41	9.939	1315	1318	1321	rBV2	741	1078	0.09%	0.014%
42	10.031	1326	1333	1344	rVB	91860	171786	14.68%	2.303%
43	10.128	1345	1349	1353	rVB4	1626	2407	0.21%	0.032%
44	10.323	1374	1381	1388	rBV	439205	762698	65.16%	10.225%
45	10.384	1388	1391	1395	rVV	12601	19993	1.71%	0.268%
46	10.427	1397	1398	1402	rVB4	2137	2014	0.17%	0.027%
47	10.579	1416	1423	1432	rVB	66209	120502	10.30%	1.615%
48	10.707	1438	1444	1450	rVB2	16076	28296	2.42%	0.379%
49	10.762	1450	1453	1454	rBV	1518	1546	0.13%	0.021%
50	10.786	1454	1457	1459	rBV2	977	880	0.08%	0.012%
51	10.841	1464	1466	1467	rBV	1276	1183	0.10%	0.016%
52	10.927	1473	1480	1492	rBV	87742	172146	14.71%	2.308%
53	11.110	1508	1510	1514	rVB3	1407	1253	0.11%	0.017%
54	11.262	1533	1535	1536	rBV	946	796	0.07%	0.011%
55	11.500	1572	1574	1575	rBV2	1016	871	0.07%	0.012%
56	11.530	1576	1579	1580	rBV2	1809	1710	0.15%	0.023%
57	11.634	1589	1596	1604	rVB	464746	799690	68.32%	10.721%
58	11.774	1617	1619	1621	rBV2	1229	1308	0.11%	0.018%
59	11.841	1626	1630	1632	rBV3	4542	7049	0.60%	0.094%
60	12.116	1673	1675	1679	rVB3	1921	1679	0.14%	0.023%
61	12.170	1679	1684	1687	rBV4	5227	9429	0.81%	0.126%
62	12.237	1693	1695	1700	rBV5	1210	1804	0.15%	0.024%
63	12.420	1723	1725	1728	rVB	932	1052	0.09%	0.014%
64	12.481	1734	1735	1740	rVB2	932	806	0.07%	0.011%
65	12.609	1750	1756	1763	rBV	29476	48723	4.16%	0.653%
66	12.695	1763	1770	1778	rVB	236269	385808	32.96%	5.172%
67	12.762	1778	1781	1785	rBV3	2235	2994	0.26%	0.040%
68	12.932	1805	1809	1810	rBV2	1076	1596	0.14%	0.021%
69	12.951	1810	1812	1816	rVB4	1006	838	0.07%	0.011%
70	13.079	1829	1833	1835	rBV2	993	1413	0.12%	0.019%
71	13.158	1844	1846	1847	rBV	1270	1122	0.10%	0.015%

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72	13.195	1850	1852	1858	rVB3	2287	2986	0.26%	0.040%
73	13.310	1864	1871	1874	rVB5	2303	4090	0.35%	0.055%
74	13.414	1881	1888	1891	rBV4	6151	11125	0.95%	0.149%
75	13.481	1894	1899	1901	rBV5	2492	4473	0.38%	0.060%
76	13.512	1901	1904	1906	rBV3	2004	2446	0.21%	0.033%
77	13.560	1906	1912	1918	rBV	269244	420871	35.96%	5.642%
78	13.694	1929	1934	1935	rBV3	2455	3233	0.28%	0.043%
79	13.774	1943	1947	1952	rVB5	3340	5487	0.47%	0.074%
80	13.853	1952	1960	1967	rBV	282696	477048	40.76%	6.395%
81	14.018	1985	1987	1991	rBV4	1588	1669	0.14%	0.022%
82	14.079	1991	1997	2003	rVV	13445	22480	1.92%	0.301%
83	14.335	2035	2039	2042	rVB5	4015	5021	0.43%	0.067%
84	14.676	2092	2095	2097	rBV3	747	827	0.07%	0.011%
85	14.731	2100	2104	2108	rVB5	1119	2147	0.18%	0.029%
86	15.030	2150	2153	2154	rBV2	991	791	0.07%	0.011%
87	15.048	2154	2156	2159	rVV4	904	828	0.07%	0.011%
88	15.152	2171	2173	2177	rBV3	1549	2571	0.22%	0.034%
89	15.243	2186	2188	2189	rBV2	994	941	0.08%	0.013%
90	15.304	2197	2198	2200	rBV2	1008	975	0.08%	0.013%
91	15.377	2206	2210	2212	rBV4	1901	3050	0.26%	0.041%
92	15.444	2217	2221	2226	rVV3	12567	23518	2.01%	0.315%
93	15.499	2226	2230	2235	rVB	7065	11571	0.99%	0.155%
94	15.615	2246	2249	2251	rVB4	1736	1845	0.16%	0.025%
95	15.810	2277	2281	2289	rVB7	4962	7796	0.67%	0.105%
96	15.895	2293	2295	2302	rVB4	2528	3531	0.30%	0.047%
97	15.981	2303	2309	2314	rBV6	2424	5941	0.51%	0.080%
98	16.194	2343	2344	2346	rBV	1293	847	0.07%	0.011%
99	16.444	2383	2385	2387	rBV3	1139	1105	0.09%	0.015%
100	16.584	2405	2408	2410	rVB3	750	893	0.08%	0.012%

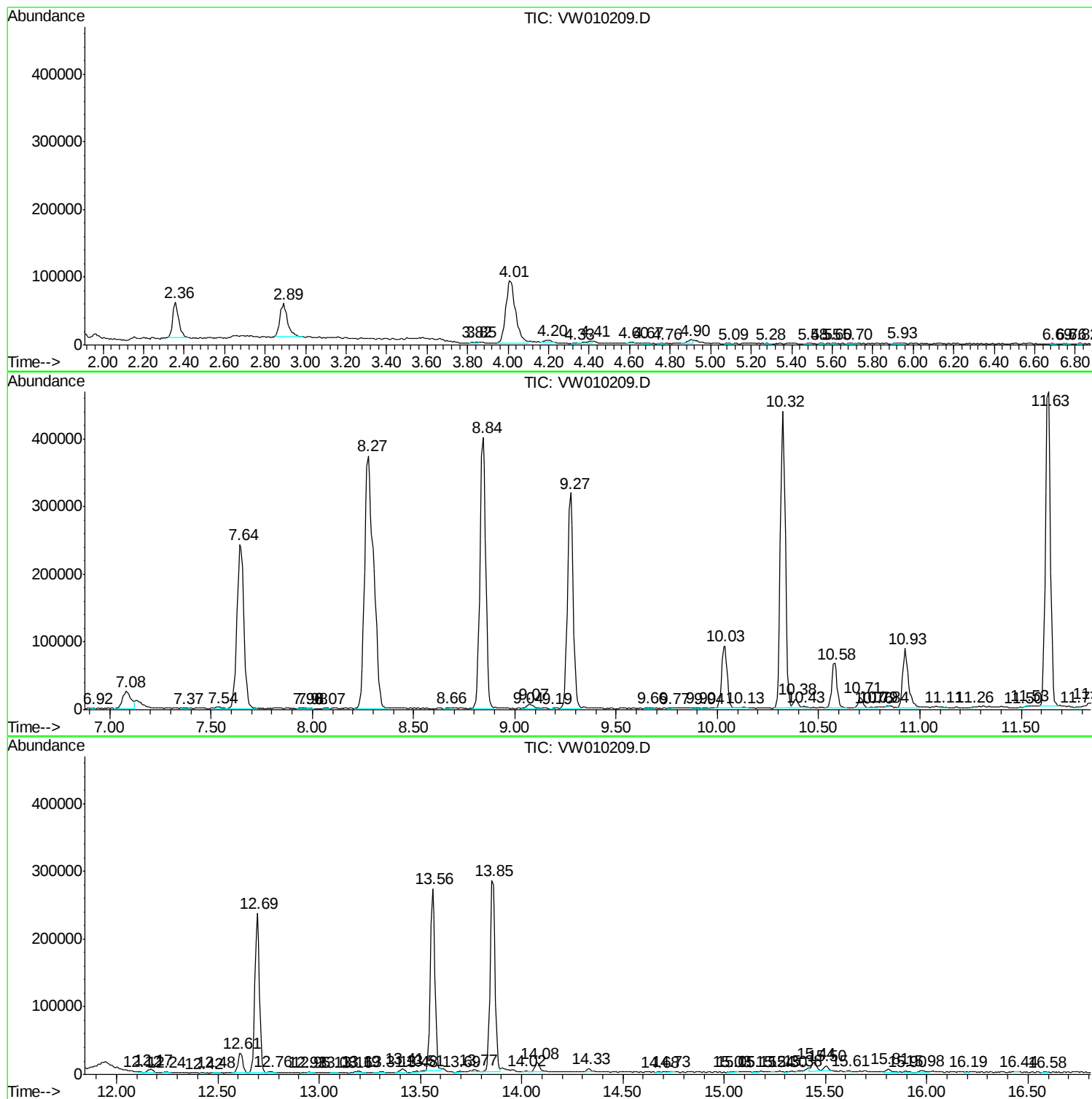
Sum of corrected areas: 7459312

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



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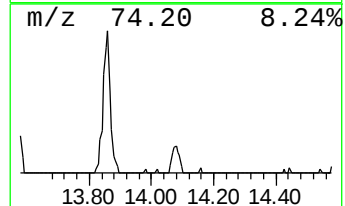
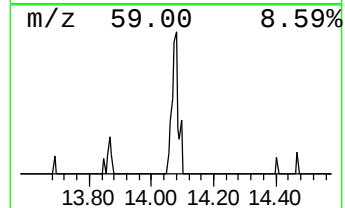
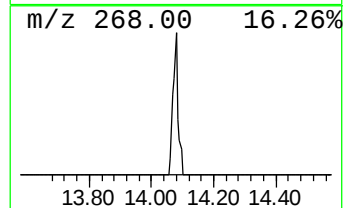
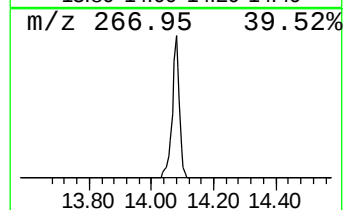
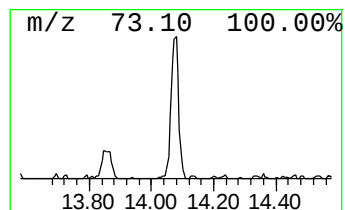
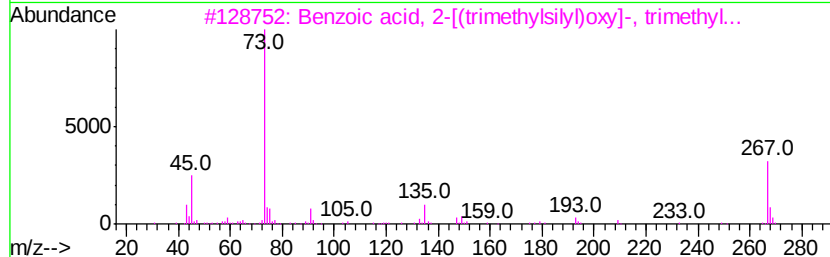
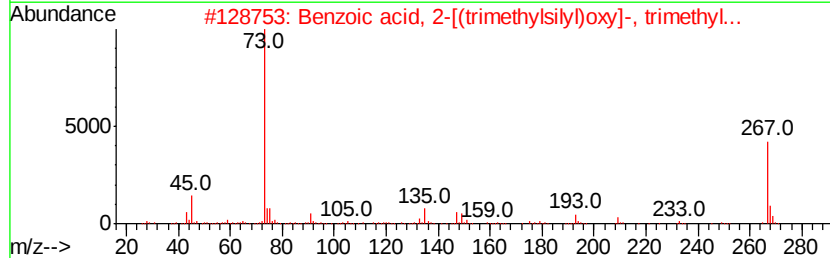
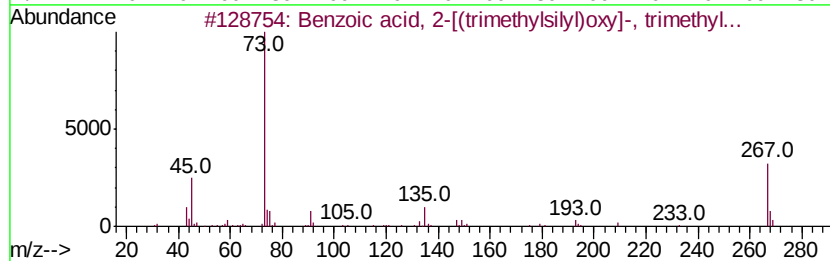
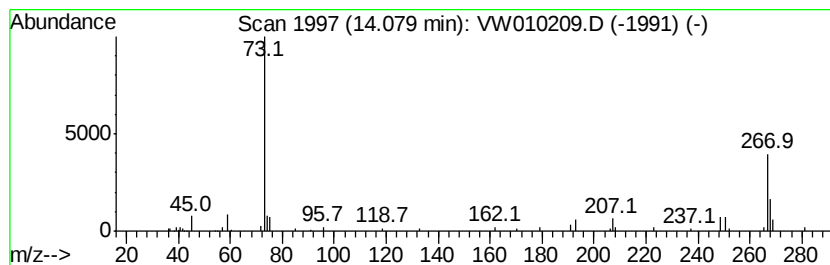
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.34 ug/L	22480	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	45
2			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	38
3			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	38
4			4-Methylcatechol, bis(trimethylsilyl)oxy-, trimethyl...	268	C13H24O2Si2	1000332-79-9	22
5			1-(3-Chlorophenyl)piperazine, 4-(trimethylsilyl)oxy-, trimethyl...	268	C13H21ClN2Si	1000373-99-3	16



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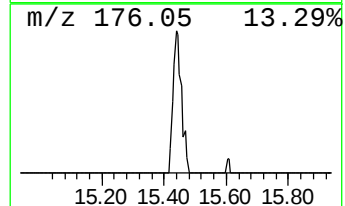
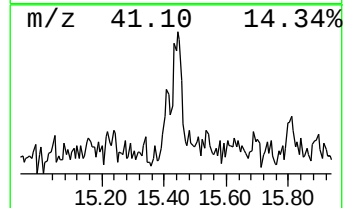
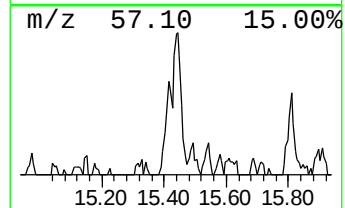
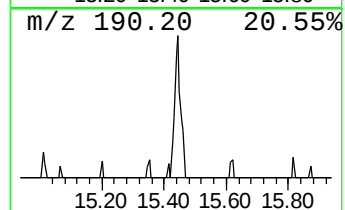
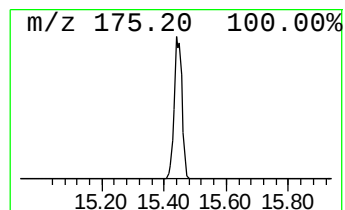
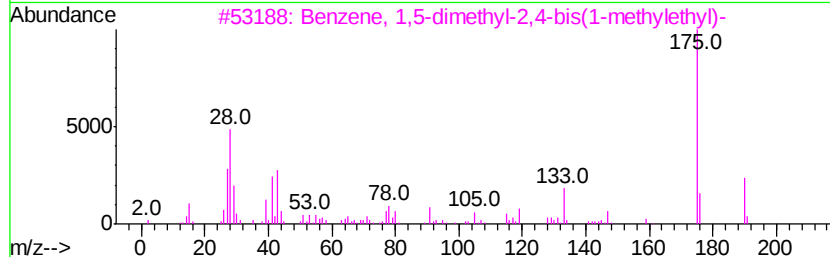
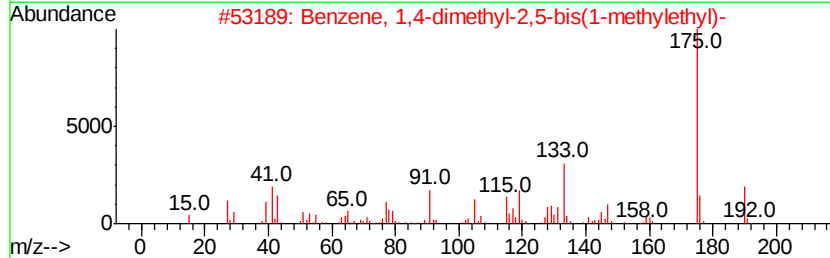
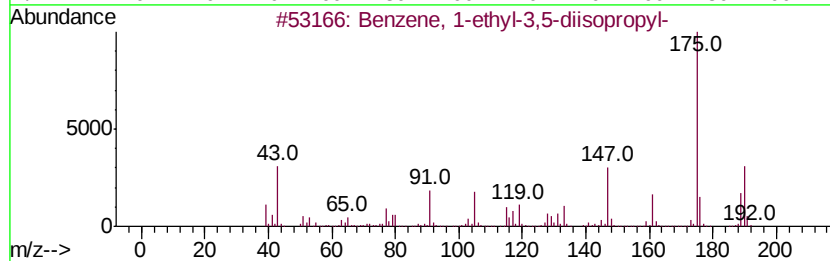
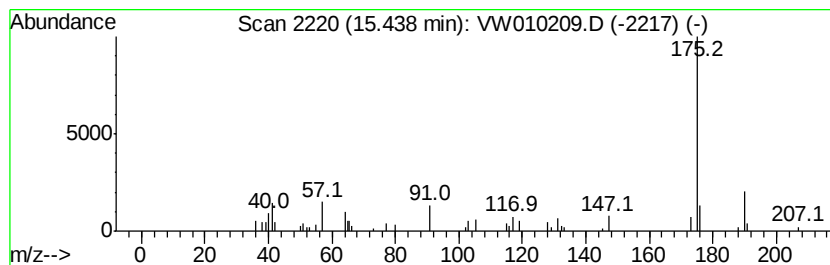
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-3,5-diisop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.40 ug/L	23518	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-diisopropyl-	190	C14H22	015181-13-2	87
2		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64
3		Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	64
4		Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	64
5		2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	14.08	1.3	ug/L	22480	3	13.56	420871	25.0
Benzene, 1-ethyl-...	15.44	1.4	ug/L	23518	3	13.56	420871	25.0