LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009820.D
Acq On : 09 Apr 2019 00:29
Operator : SY/VA
Sample : K2217-16
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF606

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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	1.958	5	9	18	rVB5	5444	10299	0.59%	0.082%
2	2.160	37	42	49	rBV2	28029	67902	3.91%	0.540%
3	2.355	68	74	89	rBV	60344	183387	10.55%	1.459%
4	2.885	154	161	176	rBV	65054	196438	11.30%	1.563%
5	3.873	322	323	327	rVB4	1391	1036	0.06%	0.008%
6	4.007	333	345	359	rBV3	149516	544950	31.36%	4.336%
7	4.415	405	412	419	rVB4	2710	8672	0.50%	0.069%
8	4.580	437	439	443	rVV4	780	1141	0.07%	0.009%
9	4.909	480	493	495	rBV3	19239	47450	2.73%	0.378%
10	5.555	596	599	602	rBV3	884	1175	0.07%	0.009%
11	5.750	628	631	633	rVB3	926	961	0.06%	0.008%
12	5.927	648	660	669	rVB5	9610	31884	1.83%	0.254%
13	6.165	697	699	705	rVB5	688	1062	0.06%	0.008%
14	6.287	716	719	721	rBV3	1050	1059	0.06%	0.008%
15	6.714	787	789	792	rVB2	1200	1027	0.06%	0.008%
16	7.080	840	849	859	rBV	78573	234001	13.46%	1.862%
17	7.378	895	898	899	rBV3	1029	994	0.06%	0.008%
18	7.421	903	905	907	rBV3	1078	1021	0.06%	0.008%
19	7.531	916	923	924	rBV3	3400	6589	0.38%	0.052%
20	7.640	931	941	954	rBV	322610	778789	44.81%	6.197%
21	7.762	960	961	964	rVB2	1464	1119	0.06%	0.009%
22	7.793	964	966	967	rBV2	1036	975	0.06%	0.008%
23	7.817	967	970	973	rVB4	1463	2136	0.12%	0.017%
24	7.848	973	975	976	rBV	1388	1213	0.07%	0.010%
25	8.067	1009	1011	1015	rVB2	1299	1385	0.08%	0.011%
26	8.268	1034	1044	1062	rBV2	562553	1737859	100.00%	13.829%
27	8.451	1070	1074	1075	rBV3	955	1308	0.08%	0.010%
28	8.616	1098	1101	1104	rBV4	923	1178	0.07%	0.009%
29	8.677	1108	1111	1114	rBV4	1628	1958	0.11%	0.016%
30	8.841	1128	1138	1150	rBV	526598	1059606	60.97%	8.432%
31	9.073	1167	1176	1181	rBV8	6572	14310	0.82%	0.114%
32	9.274	1199	1209	1228	rBV	410057	845417	48.65%	6.727%
33	9.658	1269	1272	1280	rVV7	1985	4099	0.24%	0.033%
34	9.738	1282	1285	1286	rVV3	1197	1148	0.07%	0.009%

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF606

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

35	9.756	1286	1288	1293	rVB4	2413	3401	0.20%	0.027%
36	9.890	1304	1310	1314	rBV3	5226	10460	0.60%	0.083%
37	10.030	1325	1333	1344	rBV	194735	363999	20.95%	2.896%
38	10.244	1365	1368	1373	rVV3	4664	7298	0.42%	0.058%
39	10.323	1373	1381	1388	rVV	735559	1286764	74.04%	10.239%
40	10.384	1388	1391	1400	rVB5	5955	13648	0.79%	0.109%
41	10.579	1415	1423	1430	rBV	133423	238402	13.72%	1.897%
42	10.701	1438	1443	1449	rVB4	6764	11814	0.68%	0.094%
43	10.756	1449	1452	1453	rBV3	1208	1199	0.07%	0.010%
44	10.774	1453	1455	1457	rBV3	1980	2231	0.13%	0.018%
45	10.853	1464	1468	1473	rVB6	5434	10744	0.62%	0.085%
46	10.926	1473	1480	1493	rBV2	308138	568429	32.71%	4.523%
47	11.073	1500	1504	1508	rVB7	5174	6965	0.40%	0.055%
48	11.207	1523	1526	1527	rBV3	1439	1398	0.08%	0.011%
49	11.286	1535	1539	1543	rBV6	2687	4662	0.27%	0.037%
50	11.493	1569	1573	1574	rBV2	1015	1239	0.07%	0.010%
51	11.518	1575	1577	1578	rBV2	1582	982	0.06%	0.008%
52	11.627	1588	1595	1604	rBV	758200	1274369	73.33%	10.140%
53	11.774	1617	1619	1620	rBV2	1652	1062	0.06%	0.008%
54	11.835	1624	1629	1630	rBV4	3713	5433	0.31%	0.043%
55	11.871	1633	1635	1639	rVV4	3525	5790	0.33%	0.046%
56	12.060	1664	1666	1670	rVB5	1733	2388	0.14%	0.019%
57	12.170	1679	1684	1689	rVB7	2055	4160	0.24%	0.033%
58	12.249	1694	1697	1700	rVB4	1248	1218	0.07%	0.010%
59	12.347	1708	1713	1716	rBV6	1867	4307	0.25%	0.034%
60	12.371	1716	1717	1719	rVV2	1725	1348	0.08%	0.011%
61	12.463	1729	1732	1733	rBV3	919	1008	0.06%	0.008%
62	12.518	1737	1741	1745	rVB6	1322	2238	0.13%	0.018%
63	12.615	1748	1757	1761	rBV2	19263	45408	2.61%	0.361%
64	12.694	1763	1770	1777	rBV	395257	663833	38.20%	5.282%
65	12.835	1792	1793	1796	rBV3	1176	1169	0.07%	0.009%
66	12.956	1811	1813	1818	rVB4	2965	4583	0.26%	0.036%
67	13.121	1836	1840	1844	rVV5	2516	4666	0.27%	0.037%
68	13.194	1849	1852	1859	rVB2	5887	9260	0.53%	0.074%
69	13.298	1867	1869	1877	rVB4	3085	4072	0.23%	0.032%
70	13.414	1879	1888	1893	rBV4	9842	18270	1.05%	0.145%
71	13.481	1893	1899	1901	rBV6	3065	5037	0.29%	0.040%

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF606

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

72	13.505	1901	1903	1905	rBV3	3318	3459	0.20%	0.028%
73	13.560	1905	1912	1918	rBV	651526	993383	57.16%	7.905%
74	13.719	1936	1938	1939	rBV2	1380	1093	0.06%	0.009%
75	13.767	1942	1946	1951	rVB6	4811	8942	0.51%	0.071%
76	13.853	1951	1960	1967	rBV	613724	1016048	58.47%	8.085%
77	13.950	1974	1976	1981	rVB6	4754	7575	0.44%	0.060%
78	14.072	1992	1996	2002	rVB2	14754	23259	1.34%	0.185%
79	14.328	2033	2038	2044	rVV8	5003	9181	0.53%	0.073%
80	14.371	2044	2045	2049	rVB4	1433	1221	0.07%	0.010%
81	14.505	2062	2067	2068	rBV3	1818	1833	0.11%	0.015%
82	14.523	2068	2070	2073	rVB4	1455	1774	0.10%	0.014%
83	14.633	2085	2088	2090	rBV3	1244	1364	0.08%	0.011%
84	14.700	2096	2099	2100	rBV3	1283	1043	0.06%	0.008%
85	14.731	2101	2104	2108	rVV4	1209	1717	0.10%	0.014%
86	14.950	2136	2140	2144	rBV6	1119	1916	0.11%	0.015%
87	15.090	2160	2163	2166	rBV4	1453	1854	0.11%	0.015%
88	15.188	2176	2179	2182	rVB5	2197	2516	0.14%	0.020%
89	15.322	2195	2201	2204	rBV6	1256	2435	0.14%	0.019%
90	15.444	2210	2221	2227	rBV2	24628	55051	3.17%	0.438%
91	15.505	2227	2231	2236	rVB2	8085	14895	0.86%	0.119%
92	15.608	2246	2248	2249	rBV	1680	1689	0.10%	0.013%
93	15.694	2259	2262	2264	rBV4	1590	1991	0.11%	0.016%
94	15.810	2276	2281	2286	rVB6	7021	12252	0.71%	0.097%
95	15.858	2286	2289	2291	rBV3	1967	2615	0.15%	0.021%
96	15.883	2291	2293	2294	rBV2	2180	1790	0.10%	0.014%
97	15.962	2304	2306	2311	rBV7	2775	4718	0.27%	0.038%
98	16.242	2349	2352	2355	rBV4	1555	2150	0.12%	0.017%
99	16.310	2361	2363	2367	rVB5	1029	1248	0.07%	0.010%
100	16.755	2431	2436	2437	rBV3	1045	1356	0.08%	0.011%

Sum of corrected areas: 12567170

LSC Report - Integrated Chromatogram

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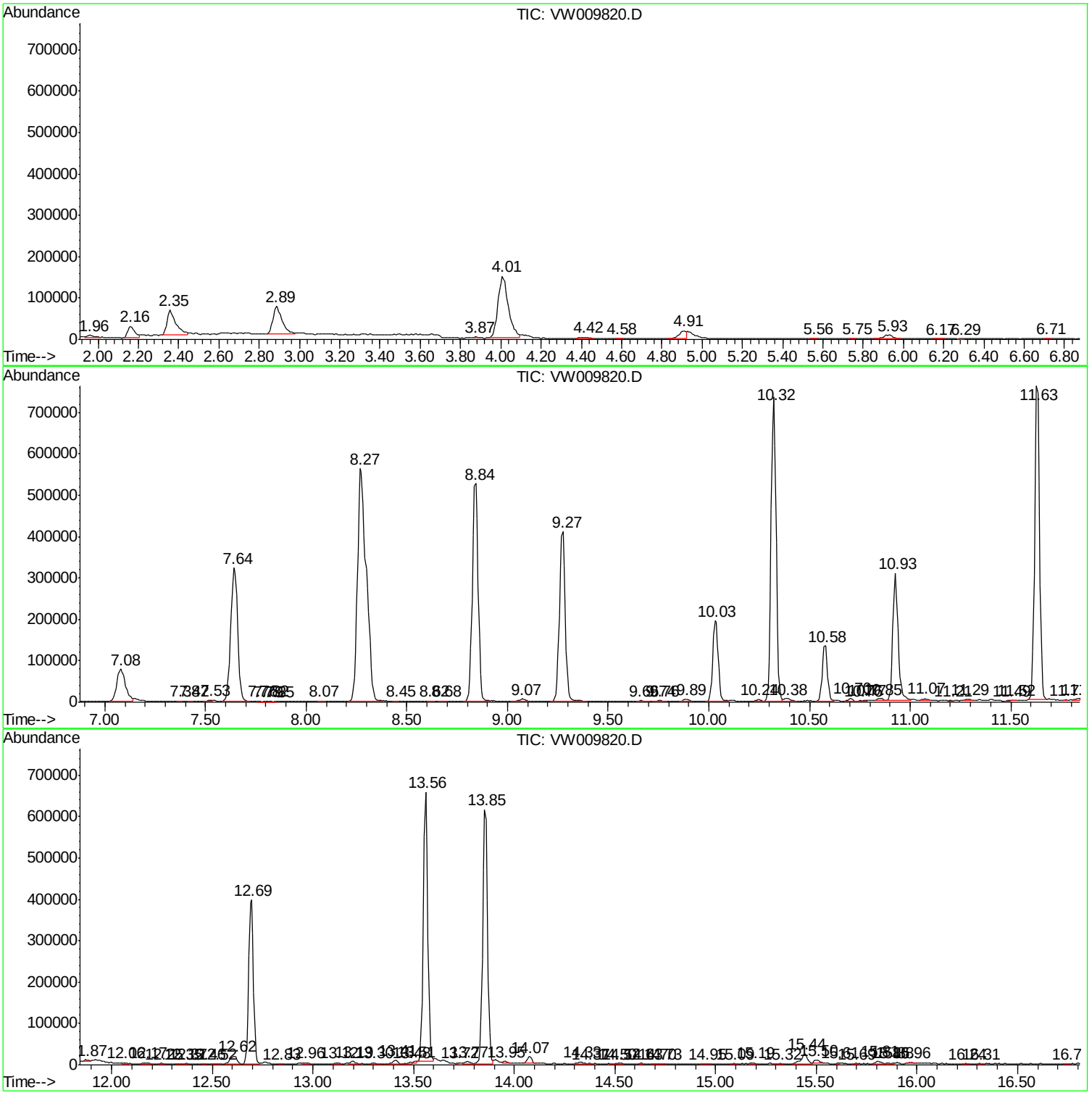
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF606

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

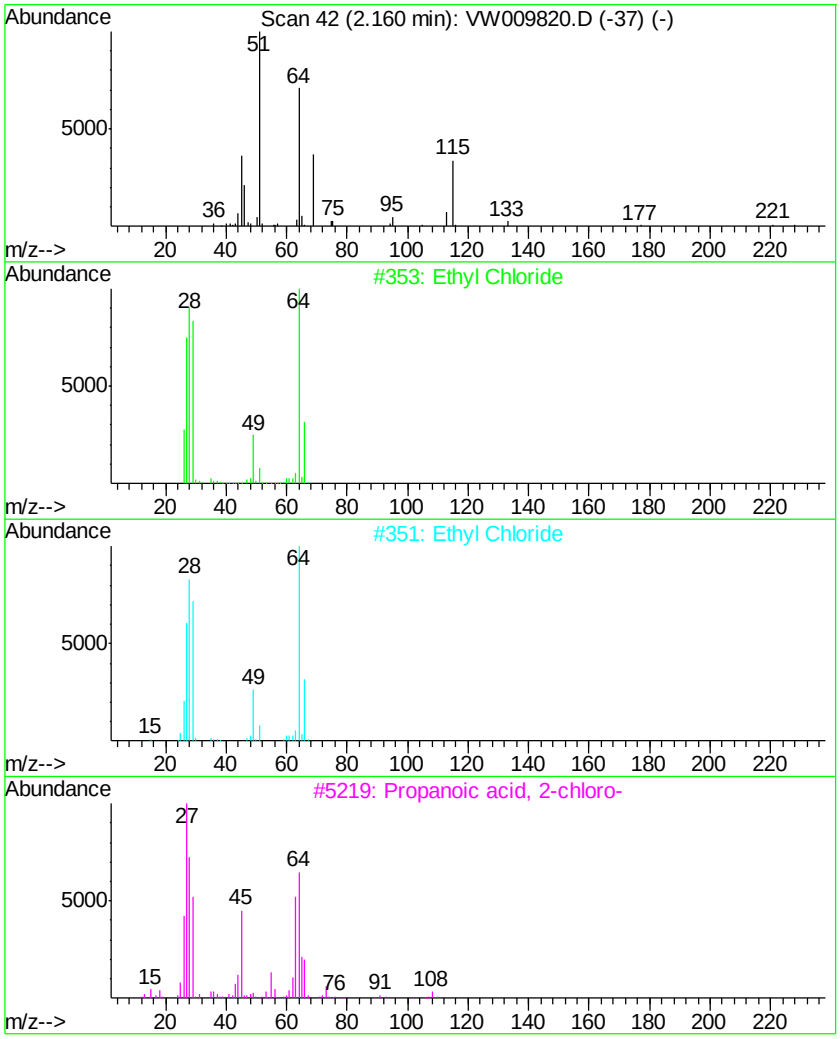
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

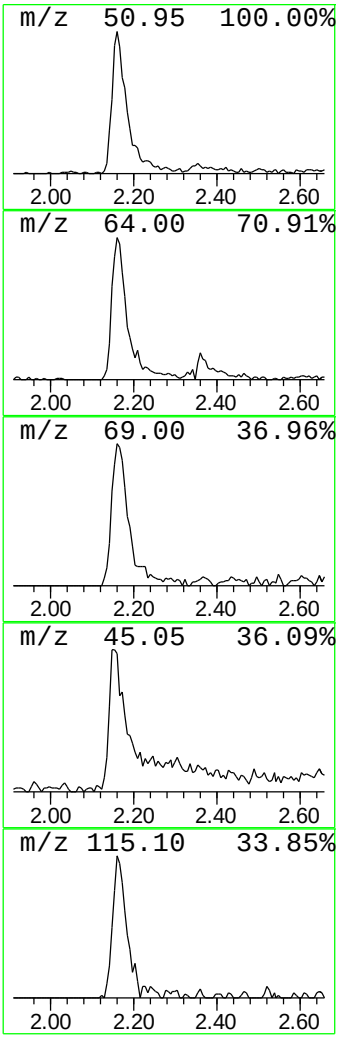
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	1.60 ug/L	67902	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	10
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	10
3	Propanoic acid, 2-chloro-	108	C3H5ClO2	000598-78-7	9
4	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	9
5	Tetrafluoroformamidine	116	CF4N2	014362-70-0	7





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

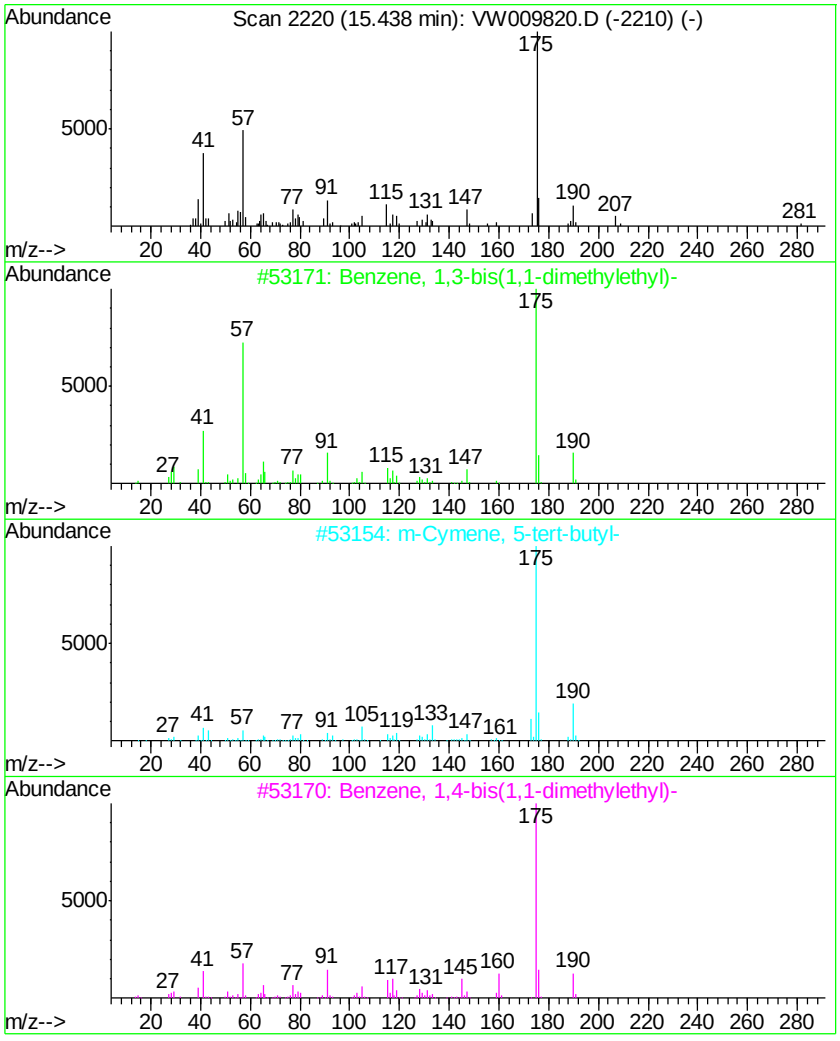
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

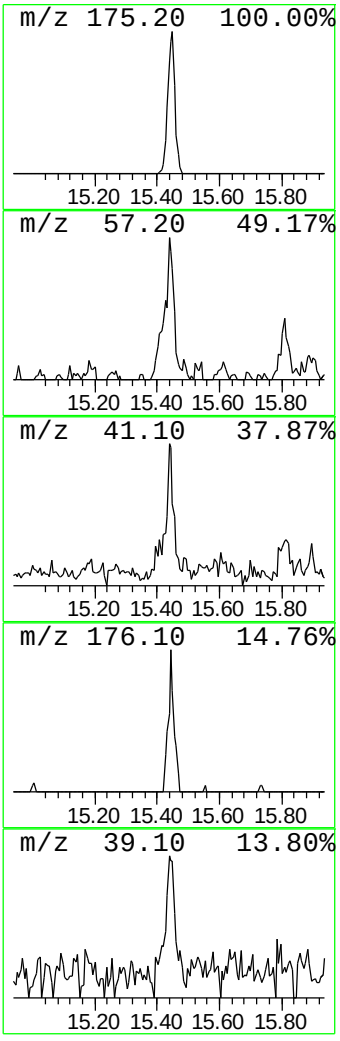
****

Peak Number 2 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.39 ug/L	55051	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	59
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	59





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.16	1.6	ug/L	67902	1	8.84	1059610	25.0
Benzene, 1,3-bis(...	15.44	1.4	ug/L	55051	3	13.56	993383	25.0