LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009783.D
Acq On : 06 Apr 2019 21:35
Operator : SY/VA
Sample : K2217-01
Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF611

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	2.154	38	41	47	rBV3	6490	13136	0.63%	0.100%
2	2.355	68	74	87	rBV	98612	238966	11.53%	1.826%
3	2.885	154	161	174	rBV	97920	283632	13.68%	2.168%
4	3.714	295	297	301	rVB5	1797	1892	0.09%	0.014%
5	3.800	307	311	312	rBV2	1160	1308	0.06%	0.010%
6	3.855	314	320	322	rBV5	2465	4422	0.21%	0.034%
7	3.916	328	330	333	rVB4	1258	1406	0.07%	0.011%
8	4.013	333	346	361	rBV2	201365	723644	34.90%	5.530%
9	4.403	404	410	418	rVB4	3683	10482	0.51%	0.080%
10	4.464	418	420	424	rVB5	1380	1767	0.09%	0.014%
11	4.751	465	467	472	rVB4	869	1144	0.06%	0.009%
12	4.909	483	493	501	rBV5	9750	37380	1.80%	0.286%
13	5.013	509	510	513	rVB2	1258	1011	0.05%	0.008%
14	5.245	545	548	551	rBV3	794	1380	0.07%	0.011%
15	5.421	574	577	579	rBV3	908	1040	0.05%	0.008%
16	5.531	592	595	597	rBV3	869	1028	0.05%	0.008%
17	5.574	599	602	607	rVB3	844	1252	0.06%	0.010%
18	5.757	630	632	635	rBV4	1134	1063	0.05%	0.008%
19	5.824	638	643	649	rVB7	813	1435	0.07%	0.011%
20	5.921	655	659	661	rBV4	3994	6485	0.31%	0.050%
21	6.189	702	703	709	rVV2	809	1172	0.06%	0.009%
22	6.238	709	711	714	rVB3	1106	1163	0.06%	0.009%
23	6.659	778	780	783	rBV3	895	1120	0.05%	0.009%
24	7.080	838	849	873	rBV3	41178	159464	7.69%	1.219%
25	7.647	930	942	952	rBV	375001	948293	45.74%	7.247%
26	7.732	954	956	959	rVB2	1357	1680	0.08%	0.013%
27	8.043	1004	1007	1009	rBV3	1041	1164	0.06%	0.009%
28	8.134	1017	1022	1024	rBV5	612	1027	0.05%	0.008%
29	8.274	1034	1045	1059	rBV2	684543	2073284	100.00%	15.844%
30	8.616	1098	1101	1104	rVV3	1168	1699	0.08%	0.013%
31	8.841	1128	1138	1155	rBV	583233	1165595	56.22%	8.907%
32	8.982	1157	1161	1162	rVB4	1272	1549	0.07%	0.012%
33	9.073	1169	1176	1182	rVB8	3956	7217	0.35%	0.055%
34	9.274	1197	1209	1220	rBV	495430	1020554	49.22%	7.799%

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Misc : 5.58G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF611

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

35	9.500	1244	1246	1253	rVB7	1142	1844	0.09%	0.014%
36	9.567	1253	1257	1259	rVB4	736	1047	0.05%	0.008%
37	9.658	1269	1272	1273	rVV3	1200	1319	0.06%	0.010%
38	9.750	1284	1287	1291	rVB5	1289	2042	0.10%	0.016%
39	9.890	1303	1310	1317	rBV6	4409	11334	0.55%	0.087%
40	10.030	1325	1333	1345	rBV	181160	338692	16.34%	2.588%
41	10.134	1345	1350	1351	rBV4	1397	1857	0.09%	0.014%
42	10.244	1359	1368	1373	rBV5	3680	8660	0.42%	0.066%
43	10.323	1373	1381	1388	rBV	890515	1557666	75.13%	11.904%
44	10.488	1406	1408	1415	rBV7	2043	2550	0.12%	0.019%
45	10.573	1416	1422	1431	rVV	130060	228748	11.03%	1.748%
46	10.701	1436	1443	1449	rBV2	4846	10313	0.50%	0.079%
47	10.768	1452	1454	1458	rVB4	1309	1653	0.08%	0.013%
48	10.859	1463	1469	1473	rVB6	4529	8532	0.41%	0.065%
49	10.926	1473	1480	1491	rBV3	133733	278436	13.43%	2.128%
50	11.073	1502	1504	1508	rBV5	2004	3107	0.15%	0.024%
51	11.341	1547	1548	1555	rBV6	1468	1723	0.08%	0.013%
52	11.396	1555	1557	1564	rVB5	2264	3914	0.19%	0.030%
53	11.487	1567	1572	1575	rBV5	1566	2857	0.14%	0.022%
54	11.628	1588	1595	1603	rVV	763637	1281809	61.83%	9.796%
55	11.823	1624	1627	1628	rBV3	1171	1062	0.05%	0.008%
56	11.871	1633	1635	1640	rVV5	4038	6122	0.30%	0.047%
57	11.908	1640	1641	1644	rVB3	1268	1266	0.06%	0.010%
58	12.066	1663	1667	1670	rBV6	1988	3051	0.15%	0.023%
59	12.097	1670	1672	1675	rVB4	1433	1327	0.06%	0.010%
60	12.182	1680	1686	1688	rVB4	2087	3407	0.16%	0.026%
61	12.243	1692	1696	1700	rVB3	2872	4166	0.20%	0.032%
62	12.335	1704	1711	1713	rBV6	1055	1984	0.10%	0.015%
63	12.359	1713	1715	1717	rBV2	1320	1348	0.07%	0.010%
64	12.432	1723	1727	1728	rBV3	1366	1845	0.09%	0.014%
65	12.597	1747	1754	1762	rBV4	27705	66723	3.22%	0.510%
66	12.694	1762	1770	1776	rBV	331312	558432	26.93%	4.268%
67	12.755	1776	1780	1784	rVB5	3779	6061	0.29%	0.046%
68	12.963	1805	1814	1819	rVV7	4392	10159	0.49%	0.078%
69	13.011	1820	1822	1828	rVB7	2235	2807	0.14%	0.021%
70	13.091	1832	1835	1837	rBV4	1400	1637	0.08%	0.013%
71	13.194	1845	1852	1864	rVV4	7607	19574	0.94%	0.150%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF611

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	13.304	1866	1870	1873	rVB2	2831	3740	0.18%	0.029%
73	13.414	1878	1888	1892	rBV3	12073	22203	1.07%	0.170%
74	13.475	1892	1898	1900	rBV5	5754	9144	0.44%	0.070%
75	13.560	1905	1912	1919	rBV	536765	845815	40.80%	6.464%
76	13.767	1942	1946	1951	rVB7	5477	8753	0.42%	0.067%
77	13.853	1953	1960	1967	rBV	534659	891456	43.00%	6.812%
78	14.023	1985	1988	1991	rBV5	1555	2119	0.10%	0.016%
79	14.072	1991	1996	2002	rVV2	21809	34308	1.65%	0.262%
80	14.280	2025	2030	2033	rBV5	1135	2349	0.11%	0.018%
81	14.328	2036	2038	2041	rVV4	2298	2300	0.11%	0.018%
82	14.438	2053	2056	2060	rVB4	1009	1386	0.07%	0.011%
83	14.499	2060	2066	2067	rBV3	1303	2211	0.11%	0.017%
84	14.597	2079	2082	2083	rVB3	1097	1112	0.05%	0.008%
85	14.627	2083	2087	2090	rBV4	1490	2442	0.12%	0.019%
86	14.865	2122	2126	2128	rBV4	714	1191	0.06%	0.009%
87	15.066	2157	2159	2161	rBV3	1599	1199	0.06%	0.009%
88	15.139	2167	2171	2175	rVB5	1474	2655	0.13%	0.020%
89	15.261	2186	2191	2193	rVV5	1220	1795	0.09%	0.014%
90	15.371	2207	2209	2211	rBV3	1194	1155	0.06%	0.009%
91	15.444	2211	2221	2226	rVV3	24256	51899	2.50%	0.397%
92	15.499	2226	2230	2235	rVV2	8192	12564	0.61%	0.096%
93	15.609	2246	2248	2254	rVB5	2027	2845	0.14%	0.022%
94	15.700	2260	2263	2265	rVV4	1969	1813	0.09%	0.014%
95	15.810	2276	2281	2285	rBV7	5644	10390	0.50%	0.079%
96	15.901	2292	2296	2300	rVB6	2809	5006	0.24%	0.038%
97	15.968	2303	2307	2310	rVV5	1739	2733	0.13%	0.021%
98	16.151	2335	2337	2340	rVB3	1082	1011	0.05%	0.008%
99	16.255	2350	2354	2355	rBV4	1097	1114	0.05%	0.009%
100	16.633	2415	2416	2419	rBV3	1221	1008	0.05%	0.008%

Sum of corrected areas: 13085644

LSC Report - Integrated Chromatogram

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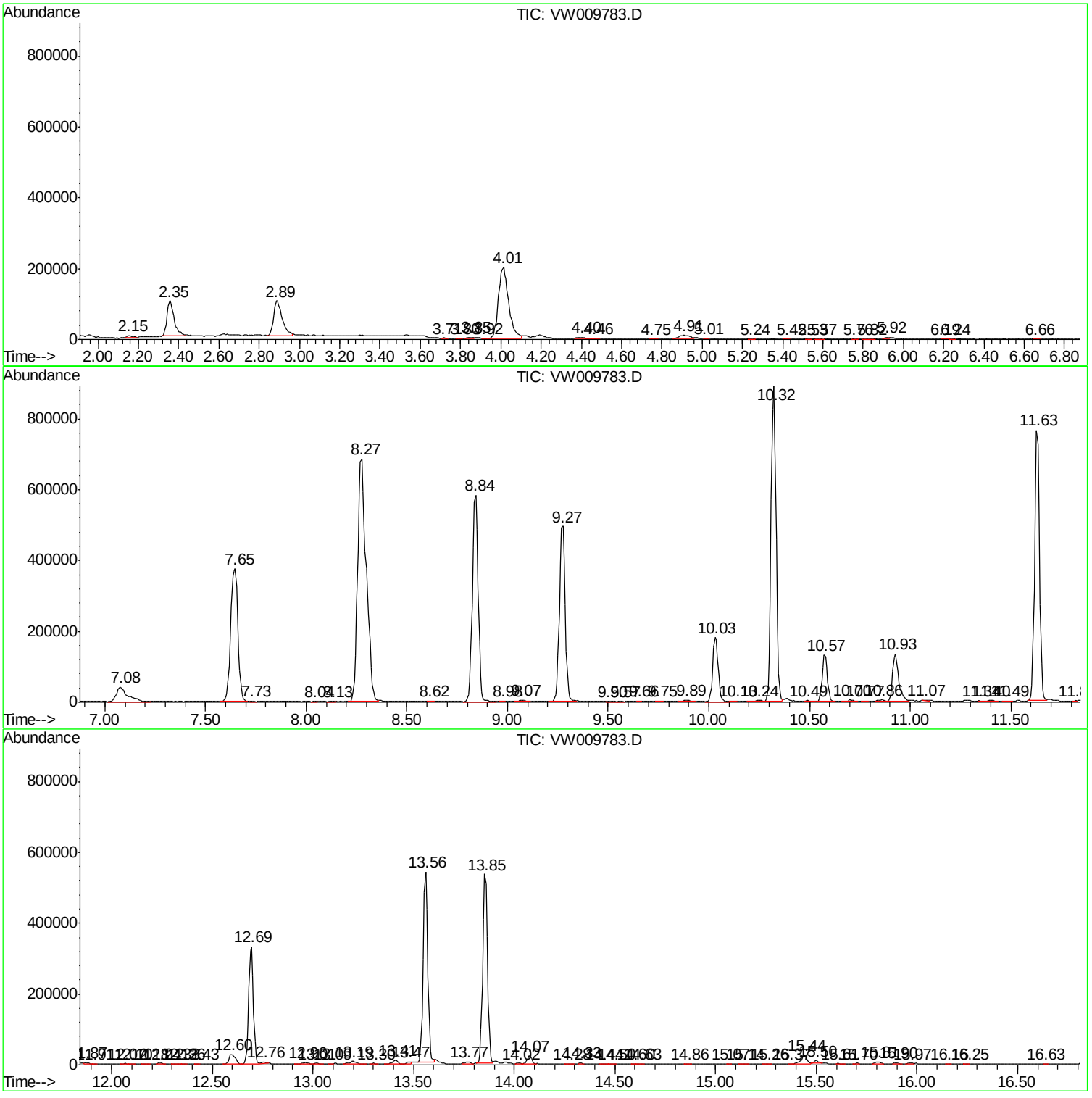
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF611

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009783.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF611

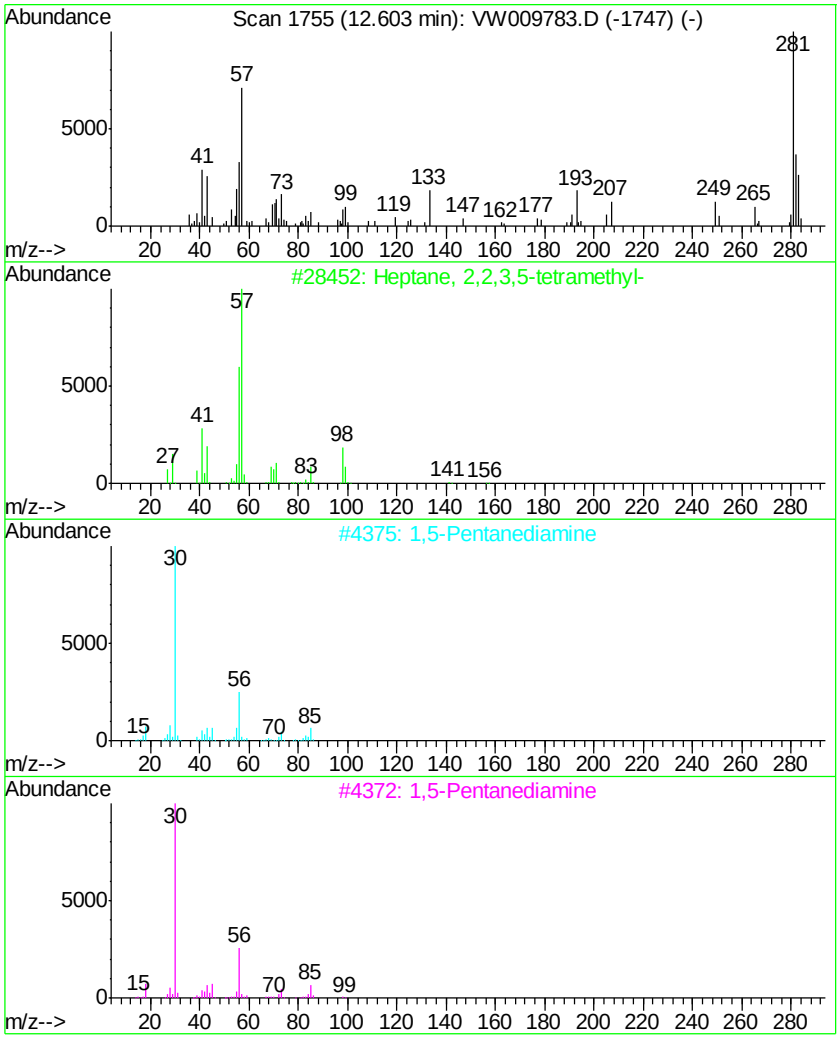
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

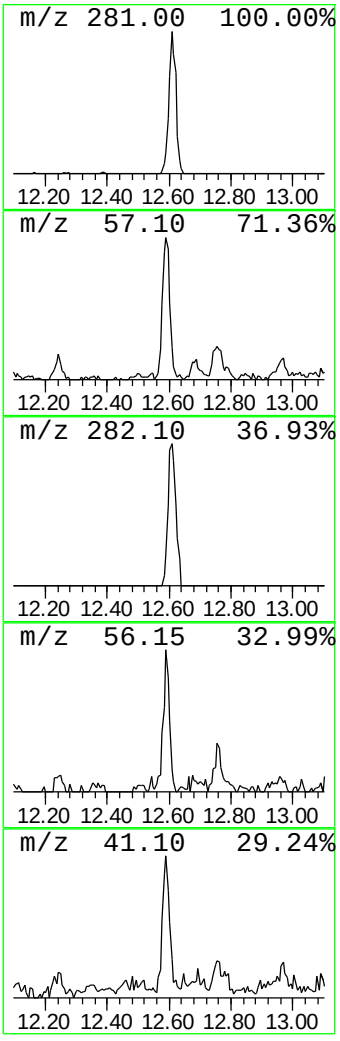
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	1.97 ug/L	66723	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	27
2	1,5-Pentanediamine	102	C5H14N2	000462-94-2	16
3	1,5-Pentanediamine	102	C5H14N2	000462-94-2	16
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	14
5	Methyl-4,6-dideoxy-4-(3-deoxy-l-...	279	C11H21NO7	116786-66-4	14





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Quant Title : VOC Analysis

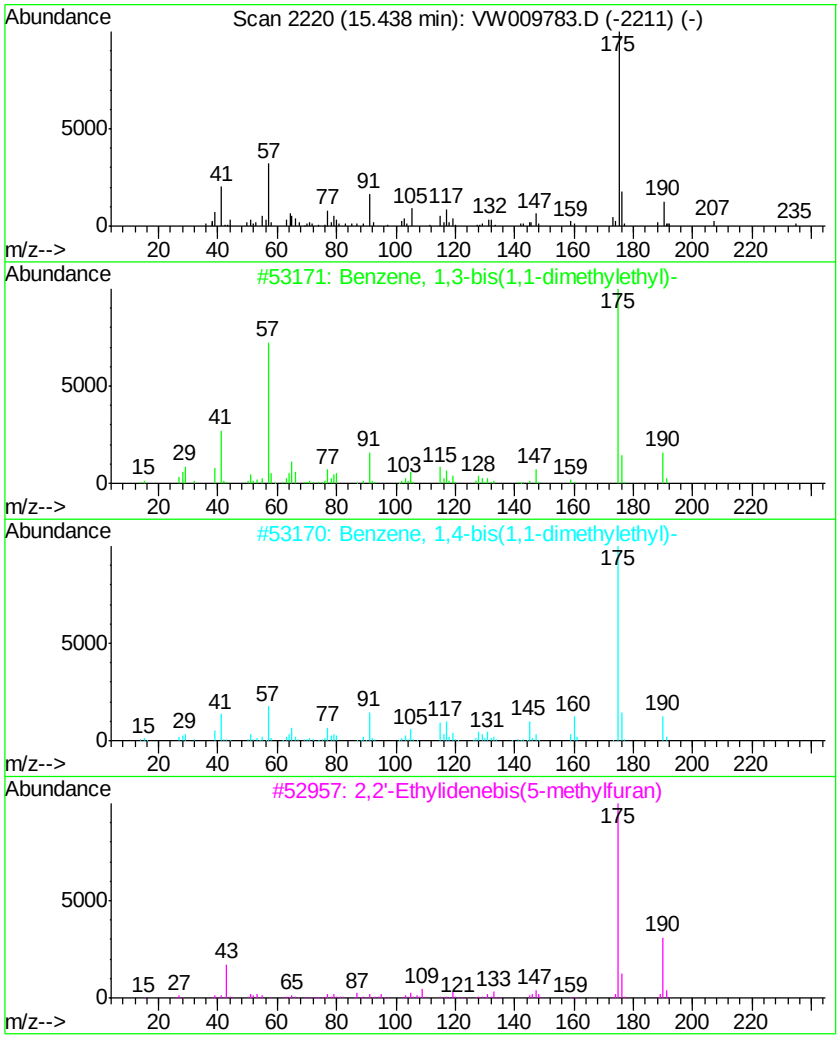
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

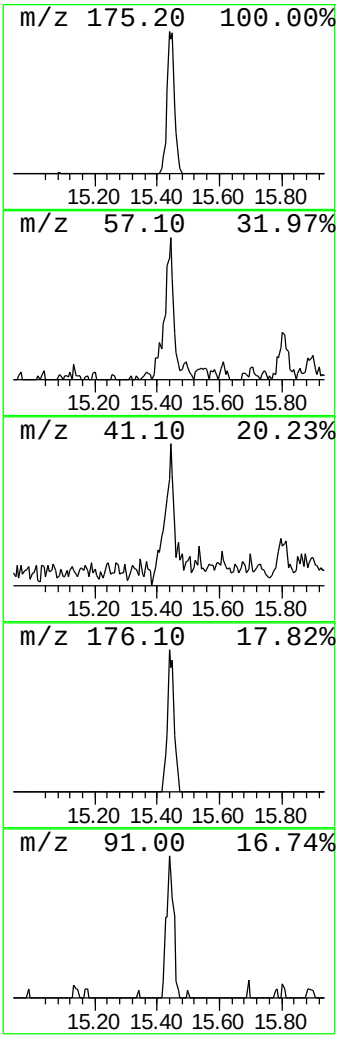
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.53 ug/L	51899	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	90
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
3	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	72
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72





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...	12.60	2.0	ug/L	66723	3	13.56	845815	25.0
Benzene, 1,3-bis(...	15.44	1.5	ug/L	51899	3	13.56	845815	25.0