LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011624.D
Acq On : 02 Aug 2019 15:43
Operator : SY/VA
Sample : K4116-17
Misc : 4.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE9

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\SOM2WLM073019S.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	1.953	5	8	24	rVB4	19651	44370	4.27%	0.596%
2	2.154	36	41	47	rBV3	12818	25874	2.49%	0.347%
3	2.349	67	73	83	rVB	75079	131428	12.66%	1.764%
4	2.495	93	97	103	rVB2	3679	6862	0.66%	0.092%
5	2.885	154	161	172	rBV	48692	113568	10.94%	1.524%
6	3.263	221	223	227	rBV4	1125	2056	0.20%	0.028%
7	3.556	266	271	272	rBV3	1437	1778	0.17%	0.024%
8	3.763	303	305	309	rVB2	867	1191	0.11%	0.016%
9	3.861	315	321	335	rVB6	2312	6796	0.65%	0.091%
10	4.013	335	346	358	rBV	118435	364911	35.14%	4.898%
11	4.123	358	364	372	rVV	38953	108361	10.44%	1.455%
12	4.208	373	378	388	rVB	12836	32443	3.12%	0.435%
13	4.404	399	410	423	rVB3	4135	14712	1.42%	0.197%
14	4.532	428	431	432	rBV3	520	623	0.06%	0.008%
15	4.599	437	442	443	rBV4	680	1057	0.10%	0.014%
16	4.617	443	445	449	rVB3	701	1062	0.10%	0.014%
17	4.922	481	495	511	rVB3	9923	39306	3.79%	0.528%
18	5.092	520	523	526	rBV4	743	1244	0.12%	0.017%
19	5.781	627	636	643	rBV6	2516	8085	0.78%	0.109%
20	5.934	651	661	671	rVB5	4073	12953	1.25%	0.174%
21	6.617	769	773	775	rVB4	816	1003	0.10%	0.013%
22	6.909	818	821	822	rBV3	590	643	0.06%	0.009%
23	7.080	840	849	854	rBV2	39218	111184	10.71%	1.492%
24	7.647	931	942	954	rBV	167322	416874	40.15%	5.596%
25	7.946	988	991	992	rBV2	498	509	0.05%	0.007%
26	8.183	1026	1030	1034	rVB4	572	1036	0.10%	0.014%
27	8.275	1034	1045	1061	rBV2	351046	1038415	100.00%	13.939%
28	8.488	1076	1080	1083	rVB5	752	1156	0.11%	0.016%
29	8.519	1083	1085	1087	rBV3	646	795	0.08%	0.011%
30	8.549	1087	1090	1091	rVV3	771	753	0.07%	0.010%
31	8.634	1102	1104	1108	rVB3	975	1090	0.10%	0.015%
32	8.702	1108	1115	1122	rBV7	2242	5764	0.56%	0.077%
33	8.842	1128	1138	1151	rBV	396196	782221	75.33%	10.500%
34	8.933	1151	1153	1156	rVV3	719	737	0.07%	0.010%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE9

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\SOM2WLM073019S.M
Title : VOC Analysis

35	9.275	1199	1209	1219	rBV	246117	499956	48.15%	6.711%
36	9.421	1229	1233	1240	rVB7	945	1624	0.16%	0.022%
37	9.573	1254	1258	1261	rBV4	609	1027	0.10%	0.014%
38	9.659	1268	1272	1279	rVB7	1704	3159	0.30%	0.042%
39	9.829	1299	1300	1304	rBV	474	546	0.05%	0.007%
40	9.884	1307	1309	1315	rBV5	1102	1988	0.19%	0.027%
41	9.957	1317	1321	1325	rBV4	522	936	0.09%	0.013%
42	10.037	1325	1334	1343	rBV	111468	206666	19.90%	2.774%
43	10.128	1346	1349	1356	rVB5	2088	3880	0.37%	0.052%
44	10.213	1356	1363	1367	rBV5	1688	3780	0.36%	0.051%
45	10.323	1372	1381	1388	rBV	438441	760071	73.20%	10.203%
46	10.384	1388	1391	1399	rVB	5349	10068	0.97%	0.135%
47	10.506	1408	1411	1415	rBV5	1176	1716	0.17%	0.023%
48	10.579	1415	1423	1431	rBV	72929	127190	12.25%	1.707%
49	10.707	1437	1444	1450	rVV	18248	30853	2.97%	0.414%
50	10.774	1454	1455	1459	rVB3	747	702	0.07%	0.009%
51	10.835	1461	1465	1466	rBV3	713	861	0.08%	0.012%
52	10.854	1466	1468	1471	rVB2	943	846	0.08%	0.011%
53	10.927	1472	1480	1496	rBV	134346	237650	22.89%	3.190%
54	11.061	1496	1502	1512	rBV	18939	34986	3.37%	0.470%
55	11.177	1518	1521	1525	rVB5	1989	3002	0.29%	0.040%
56	11.408	1555	1559	1560	rBV3	1175	1591	0.15%	0.021%
57	11.445	1560	1565	1571	rVB3	4010	7171	0.69%	0.096%
58	11.634	1588	1596	1608	rBV	474544	809047	77.91%	10.860%
59	11.725	1608	1611	1620	rVV6	2167	3655	0.35%	0.049%
60	11.835	1625	1629	1638	rVB6	2881	6467	0.62%	0.087%
61	11.908	1638	1641	1644	rVB3	491	521	0.05%	0.007%
62	11.994	1654	1655	1659	rBV2	452	615	0.06%	0.008%
63	12.134	1675	1678	1679	rVB3	874	527	0.05%	0.007%
64	12.164	1679	1683	1690	rBV9	1723	3920	0.38%	0.053%
65	12.244	1693	1696	1699	rVB3	929	867	0.08%	0.012%
66	12.347	1705	1713	1717	rBV3	2265	4161	0.40%	0.056%
67	12.469	1728	1733	1740	rVB6	2657	4870	0.47%	0.065%
68	12.542	1740	1745	1746	rBV4	500	856	0.08%	0.011%
69	12.609	1750	1756	1763	rVV	15934	26945	2.59%	0.362%
70	12.695	1763	1770	1778	rVV	150733	257585	24.81%	3.458%
71	12.762	1778	1781	1785	rVB3	759	854	0.08%	0.011%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE9

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\SOM2WLM073019S.M
Title : VOC Analysis

72	12.853	1793	1796	1797	rBV3	803	785	0.08%	0.011%
73	12.890	1799	1802	1804	rVV3	2756	3435	0.33%	0.046%
74	12.932	1805	1809	1816	rVB3	8163	13806	1.33%	0.185%
75	13.042	1822	1827	1829	rVB5	1162	1744	0.17%	0.023%
76	13.073	1829	1832	1837	rBV6	1158	2139	0.21%	0.029%
77	13.189	1849	1851	1853	rBV3	1470	1576	0.15%	0.021%
78	13.256	1858	1862	1865	rBV5	1765	2786	0.27%	0.037%
79	13.408	1881	1887	1891	rVB5	4843	8372	0.81%	0.112%
80	13.475	1894	1898	1901	rBV5	1709	3445	0.33%	0.046%
81	13.499	1901	1902	1905	rVV3	1461	1660	0.16%	0.022%
82	13.560	1905	1912	1919	rVV	338187	552969	53.25%	7.423%
83	13.646	1922	1926	1933	rVB	21006	36551	3.52%	0.491%
84	13.762	1940	1945	1948	rBV5	4156	6304	0.61%	0.085%
85	13.853	1953	1960	1967	rBV	247948	402647	38.78%	5.405%
86	13.944	1974	1975	1981	rVB5	2010	2999	0.29%	0.040%
87	14.012	1984	1986	1987	rBV2	1061	773	0.07%	0.010%
88	14.073	1991	1996	2000	rBV	6031	9145	0.88%	0.123%
89	14.255	2024	2026	2030	rVB5	1090	912	0.09%	0.012%
90	14.329	2035	2038	2043	rVB5	3628	6341	0.61%	0.085%
91	14.426	2050	2054	2056	rBV4	1236	1638	0.16%	0.022%
92	14.713	2099	2101	2106	rVB6	1845	2935	0.28%	0.039%
93	15.024	2150	2152	2154	rBV3	773	793	0.08%	0.011%
94	15.261	2187	2191	2195	rBV5	839	1490	0.14%	0.020%
95	15.316	2199	2200	2205	rBV4	748	1076	0.10%	0.014%
96	15.438	2212	2220	2225	rBV2	21283	35176	3.39%	0.472%
97	15.499	2227	2230	2237	rVB	2461	3513	0.34%	0.047%
98	15.761	2271	2273	2275	rBV3	1132	1093	0.11%	0.015%
99	15.840	2284	2286	2289	rBV3	817	810	0.08%	0.011%
100	16.657	2416	2420	2421	rBV4	586	804	0.08%	0.011%

Sum of corrected areas: 7449736

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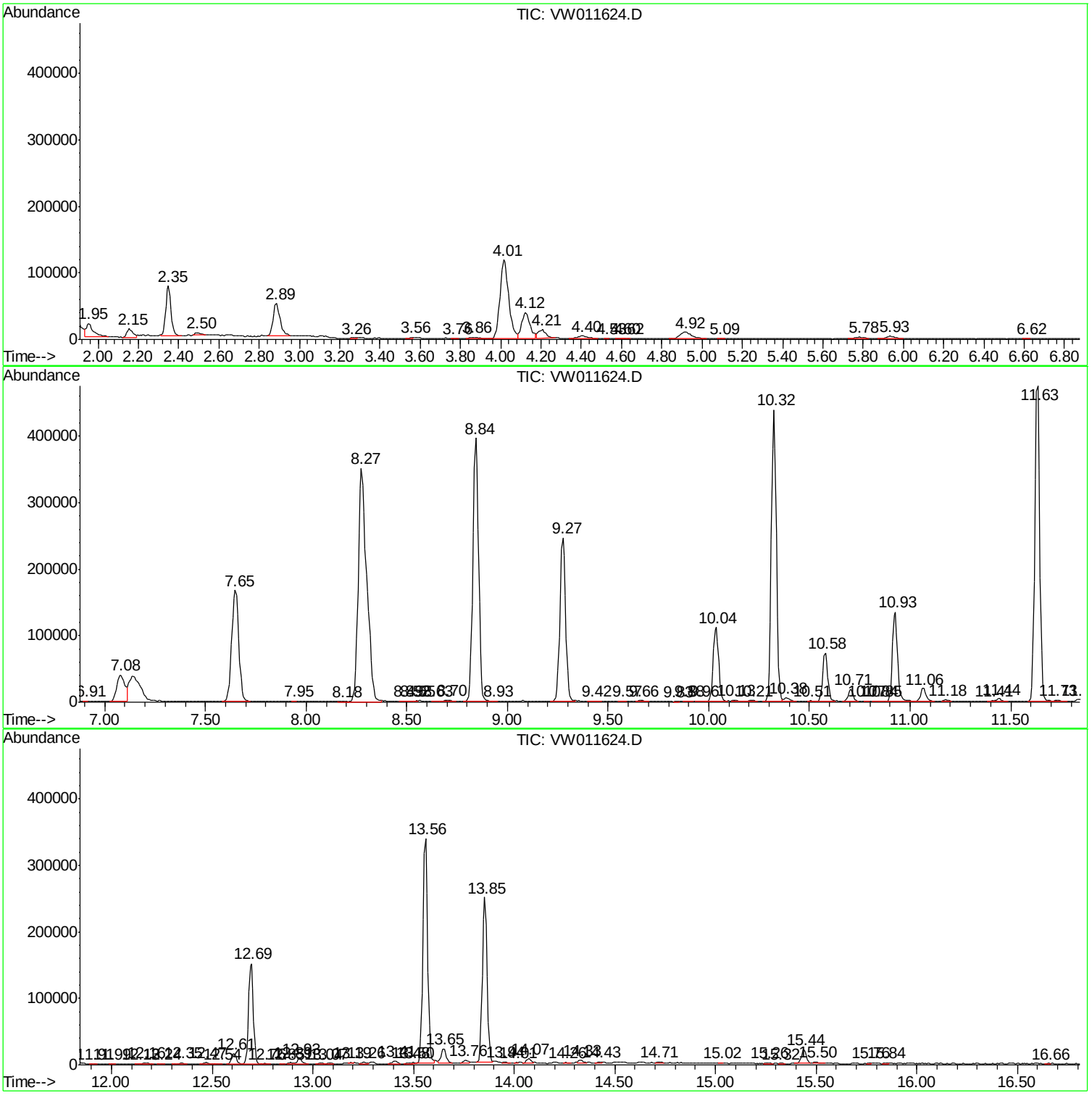
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011624.D
Acq On : 02 Aug 2019 15:43
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Instrument : MSVOA_W
ClientSampleId : JLLE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

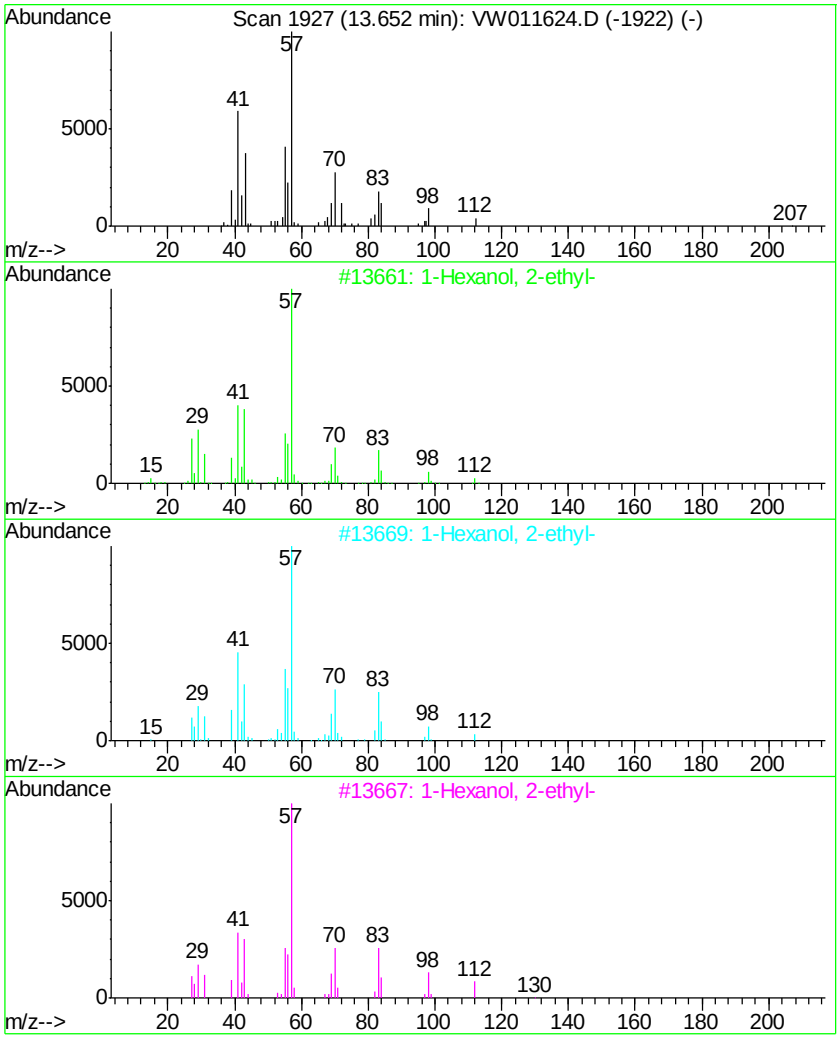
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

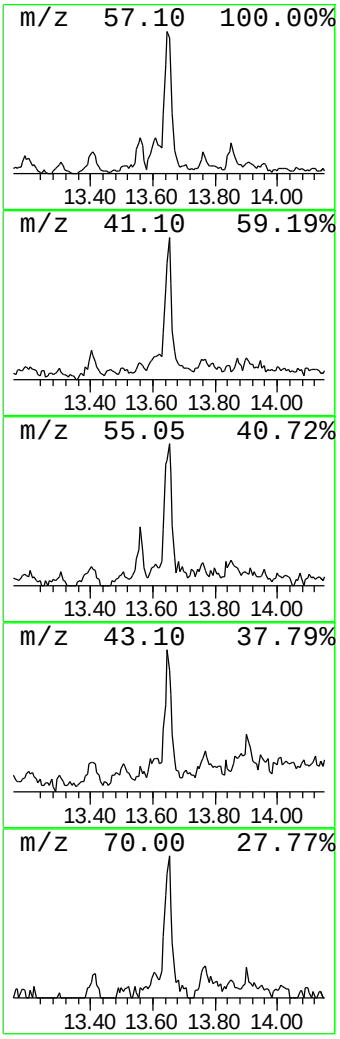
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.65 ug/L	36551	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

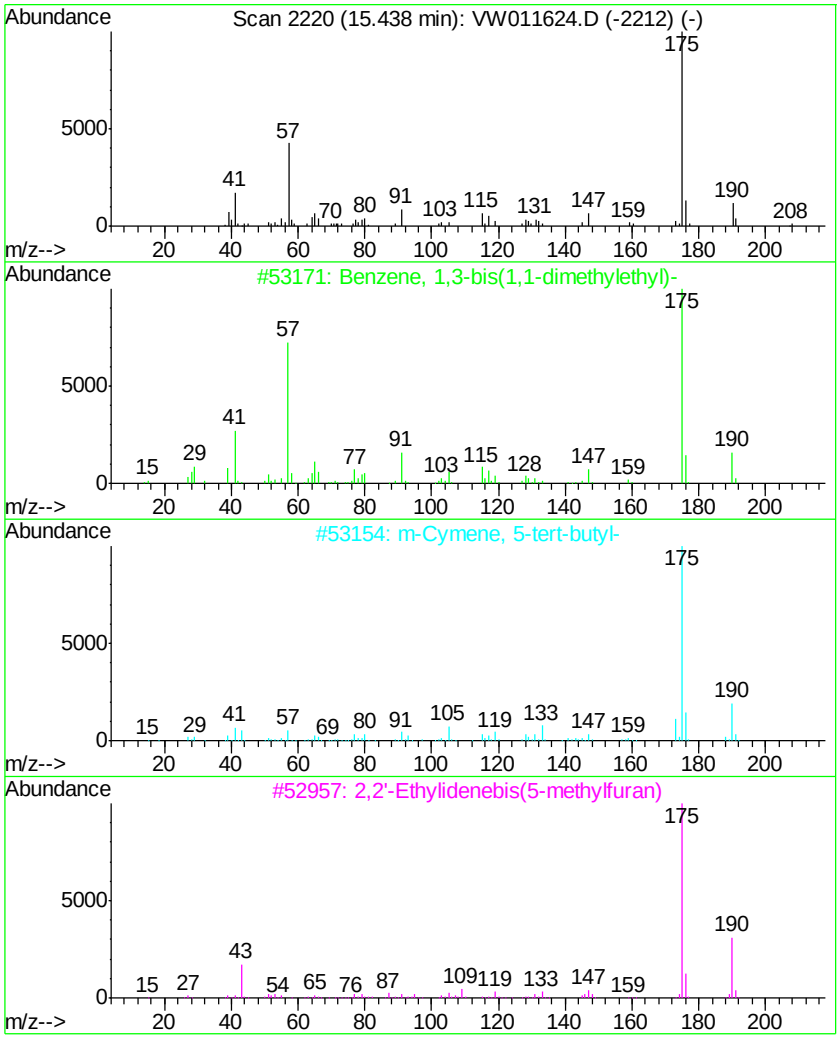
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

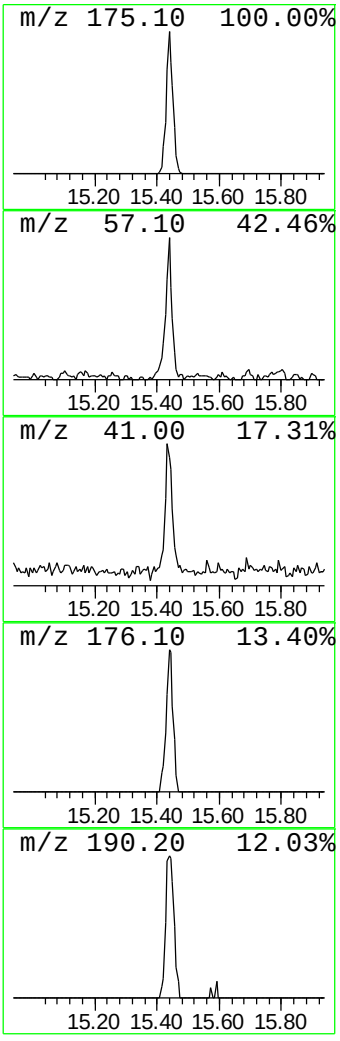
****

Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.59 ug/L	35176	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	95
2	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80
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	Precocene I	190	C12H14O2	017598-02-6	64





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
1-Hexanol, 2-ethyl-	13.65	1.6	ug/L	36551	3	13.56	552969	25.0
Benzene, 1,3-bis(...	15.44	1.6	ug/L	35176	3	13.56	552969	25.0