LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014116.D
Acq On : 25 Nov 2019 17:21
Operator : SY/VA
Sample : K6007-13
Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL9

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\SOM2WLM111119S.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	37	41	49	rBV	9856	19867	3.21%	0.484%
2	2.349	68	73	81	rVB	31261	53367	8.63%	1.299%
3	2.885	155	161	173	rVB	27299	64980	10.50%	1.582%
4	3.605	277	279	282	rVB2	298	332	0.05%	0.008%
5	3.635	282	284	287	rBV	220	279	0.05%	0.007%
6	3.782	305	308	309	rBV2	356	281	0.05%	0.007%
7	3.800	309	311	312	rVV	278	186	0.03%	0.005%
8	3.922	329	331	333	rVB	338	215	0.03%	0.005%
9	4.013	333	346	357	rBV2	55406	161964	26.18%	3.943%
10	4.281	387	390	391	rBV2	321	366	0.06%	0.009%
11	4.391	400	408	417	rBV2	2458	6315	1.02%	0.154%
12	4.726	461	463	467	rBV2	278	257	0.04%	0.006%
13	4.769	467	470	471	rBV2	224	276	0.04%	0.007%
14	4.812	475	477	480	rVB	390	341	0.06%	0.008%
15	4.915	484	494	502	rBV3	7521	25038	4.05%	0.610%
16	5.013	508	510	513	rVB2	326	253	0.04%	0.006%
17	5.324	558	561	562	rBV2	298	243	0.04%	0.006%
18	5.470	583	585	589	rBV2	308	479	0.08%	0.012%
19	5.501	589	590	593	rVB2	380	306	0.05%	0.007%
20	5.586	602	604	607	rVB2	343	226	0.04%	0.006%
21	5.702	622	623	626	rBV2	352	263	0.04%	0.006%
22	5.739	626	629	630	rBV2	452	391	0.06%	0.010%
23	5.824	641	643	644	rBV	295	244	0.04%	0.006%
24	5.867	648	650	652	rVV	359	306	0.05%	0.007%
25	5.940	652	662	670	rVB5	2837	8009	1.29%	0.195%
26	6.056	678	681	682	rBV3	291	321	0.05%	0.008%
27	6.287	717	719	721	rBV2	226	266	0.04%	0.006%
28	6.360	727	731	733	rBV2	234	353	0.06%	0.009%
29	6.427	737	742	743	rBV	335	594	0.10%	0.014%
30	6.458	745	747	749	rBV	429	330	0.05%	0.008%
31	6.677	781	783	786	rVB	344	281	0.05%	0.007%
32	6.720	789	790	793	rVB	480	304	0.05%	0.007%
33	6.818	804	806	808	rVB2	451	308	0.05%	0.007%
34	6.909	817	821	822	rBV	475	591	0.10%	0.014%

LSC Area Percent Report

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Misc : 6.24G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL9

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\SOM2WLM111119S.M
Title : VOC Analysis

35	7.074	838	848	853	rBV	34094	95252	15.40%	2.319%
36	7.452	908	910	915	rBV2	267	339	0.05%	0.008%
37	7.519	920	921	922	rBV	472	324	0.05%	0.008%
38	7.641	932	941	955	rVB	102586	244121	39.46%	5.943%
39	7.793	964	966	970	rVB	474	361	0.06%	0.009%
40	7.854	974	976	977	rBV2	251	222	0.04%	0.005%
41	7.945	985	991	992	rBV4	638	1143	0.18%	0.028%
42	8.165	1023	1027	1030	rVB2	319	368	0.06%	0.009%
43	8.269	1033	1044	1059	rBV2	195591	618620	100.00%	15.060%
44	8.695	1111	1114	1115	rBV2	635	554	0.09%	0.013%
45	8.714	1115	1117	1119	rVB2	610	507	0.08%	0.012%
46	8.842	1129	1138	1147	rVV	137882	286369	46.29%	6.972%
47	8.933	1150	1153	1155	rVB2	478	494	0.08%	0.012%
48	9.006	1161	1165	1166	rBV	326	483	0.08%	0.012%
49	9.049	1170	1172	1179	rVB3	672	1082	0.17%	0.026%
50	9.098	1179	1180	1183	rVB	501	255	0.04%	0.006%
51	9.134	1183	1186	1187	rBV2	249	226	0.04%	0.006%
52	9.183	1192	1194	1196	rVB2	254	210	0.03%	0.005%
53	9.207	1196	1198	1200	rBV	248	260	0.04%	0.006%
54	9.268	1200	1208	1218	rBV	138950	288520	46.64%	7.024%
55	9.372	1223	1225	1227	rVB2	497	334	0.05%	0.008%
56	9.598	1260	1262	1265	rVB2	341	248	0.04%	0.006%
57	9.659	1267	1272	1276	rBV4	1517	2584	0.42%	0.063%
58	9.713	1279	1281	1283	rBV	318	289	0.05%	0.007%
59	9.768	1286	1290	1292	rVB3	893	1072	0.17%	0.026%
60	9.890	1305	1310	1316	rVB6	1747	3466	0.56%	0.084%
61	9.969	1321	1323	1324	rBV2	509	294	0.05%	0.007%
62	10.030	1327	1333	1344	rVB2	59935	110334	17.84%	2.686%
63	10.116	1346	1347	1348	rBV	921	455	0.07%	0.011%
64	10.213	1358	1363	1365	rBV5	1748	2755	0.45%	0.067%
65	10.323	1373	1381	1388	rBV	235603	415761	67.21%	10.122%
66	10.475	1404	1406	1409	rVB2	345	322	0.05%	0.008%
67	10.579	1415	1423	1429	rBV	38701	70467	11.39%	1.715%
68	10.701	1437	1443	1452	rVB	32647	58618	9.48%	1.427%
69	10.774	1452	1455	1456	rBV3	487	533	0.09%	0.013%
70	10.921	1473	1479	1495	rBV	113756	197340	31.90%	4.804%
71	11.061	1497	1502	1509	rVB	15714	28730	4.64%	0.699%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL9

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\SOM2WLM111119S.M
Title : VOC Analysis

72	11.170	1517	1520	1525	rVB4	1787	2259	0.37%	0.055%
73	11.256	1531	1534	1535	rBV2	560	526	0.09%	0.013%
74	11.439	1558	1564	1570	rVB	28564	45545	7.36%	1.109%
75	11.518	1576	1577	1578	rBV	706	445	0.07%	0.011%
76	11.628	1589	1595	1606	rVB	187340	321740	52.01%	7.833%
77	11.829	1626	1628	1629	rBV	509	405	0.07%	0.010%
78	12.048	1663	1664	1666	rVB	542	253	0.04%	0.006%
79	12.365	1714	1716	1722	rVB3	924	944	0.15%	0.023%
80	12.420	1724	1725	1729	rVB	388	303	0.05%	0.007%
81	12.463	1729	1732	1733	rBV2	965	1020	0.16%	0.025%
82	12.536	1742	1744	1745	rBV	311	285	0.05%	0.007%
83	12.609	1748	1756	1763	rVB	65048	108008	17.46%	2.629%
84	12.688	1763	1769	1777	rBV	139879	236321	38.20%	5.753%
85	12.835	1791	1793	1794	rBV	317	257	0.04%	0.006%
86	12.853	1794	1796	1798	rBV2	386	377	0.06%	0.009%
87	12.932	1804	1809	1818	rVB4	6276	9681	1.56%	0.236%
88	13.042	1823	1827	1829	rBV3	810	1023	0.17%	0.025%
89	13.298	1863	1869	1875	rVB2	7054	11501	1.86%	0.280%
90	13.341	1875	1876	1879	rBV3	500	569	0.09%	0.014%
91	13.408	1880	1887	1892	rBV3	3427	6090	0.98%	0.148%
92	13.469	1892	1897	1900	rBV4	3974	5453	0.88%	0.133%
93	13.554	1905	1911	1924	rVB	147594	248011	40.09%	6.038%
94	13.761	1940	1945	1948	rBV3	2773	4533	0.73%	0.110%
95	13.853	1954	1960	1966	rBV	164425	267965	43.32%	6.524%
96	14.072	1991	1996	2001	rVB2	16414	26477	4.28%	0.645%
97	14.188	2012	2015	2016	rBV3	1534	1656	0.27%	0.040%
98	14.902	2130	2132	2133	rVB2	576	304	0.05%	0.007%
99	15.030	2151	2153	2154	rBV2	698	411	0.07%	0.010%
100	15.438	2215	2220	2226	rVB2	15146	23876	3.86%	0.581%

Sum of corrected areas: 4107682

LSC Report - Integrated Chromatogram

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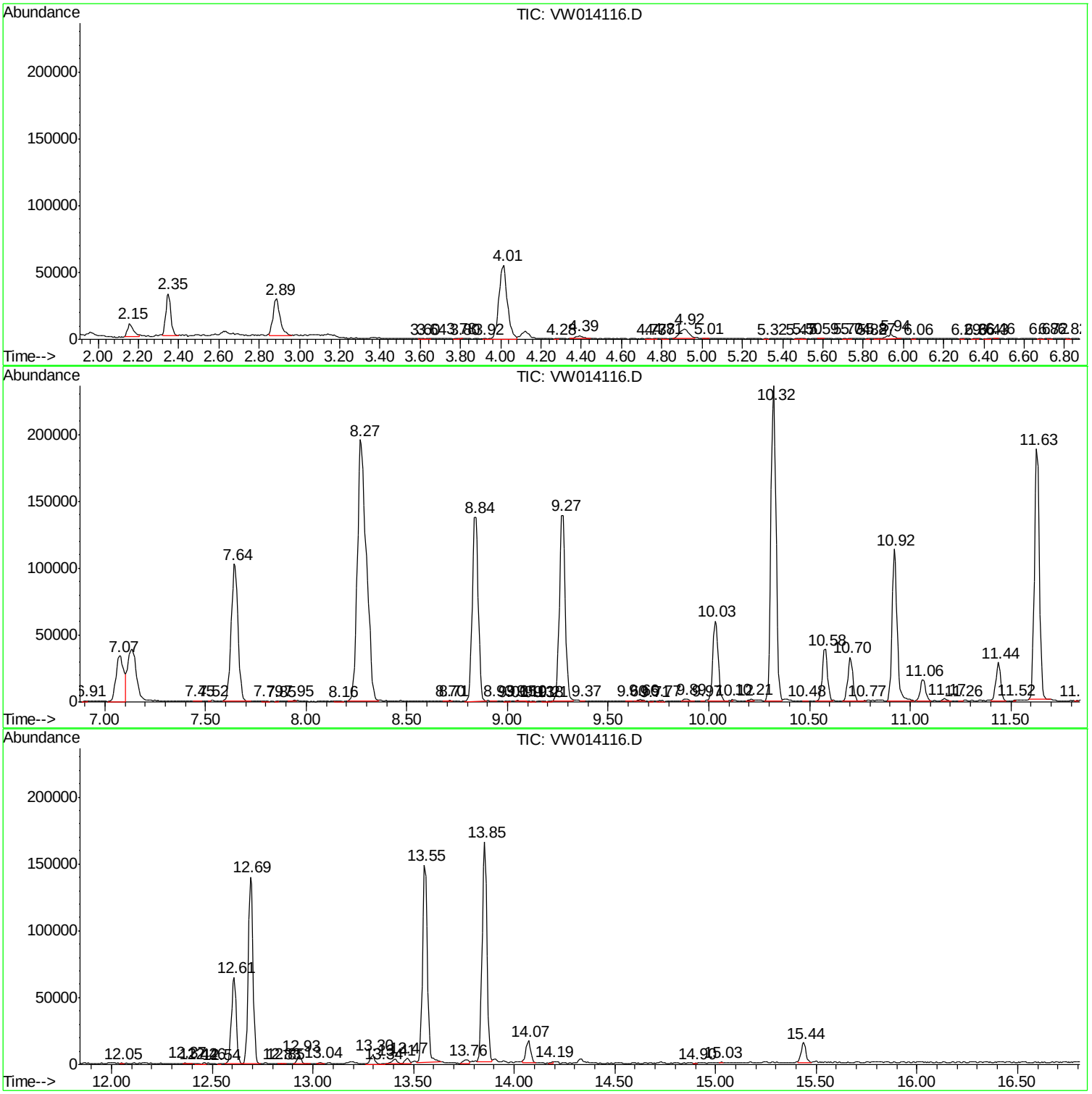
Instrument : MSVOA_W
ClientSampleId : C0BL9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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\VW112519\
Data File : VW014116.D
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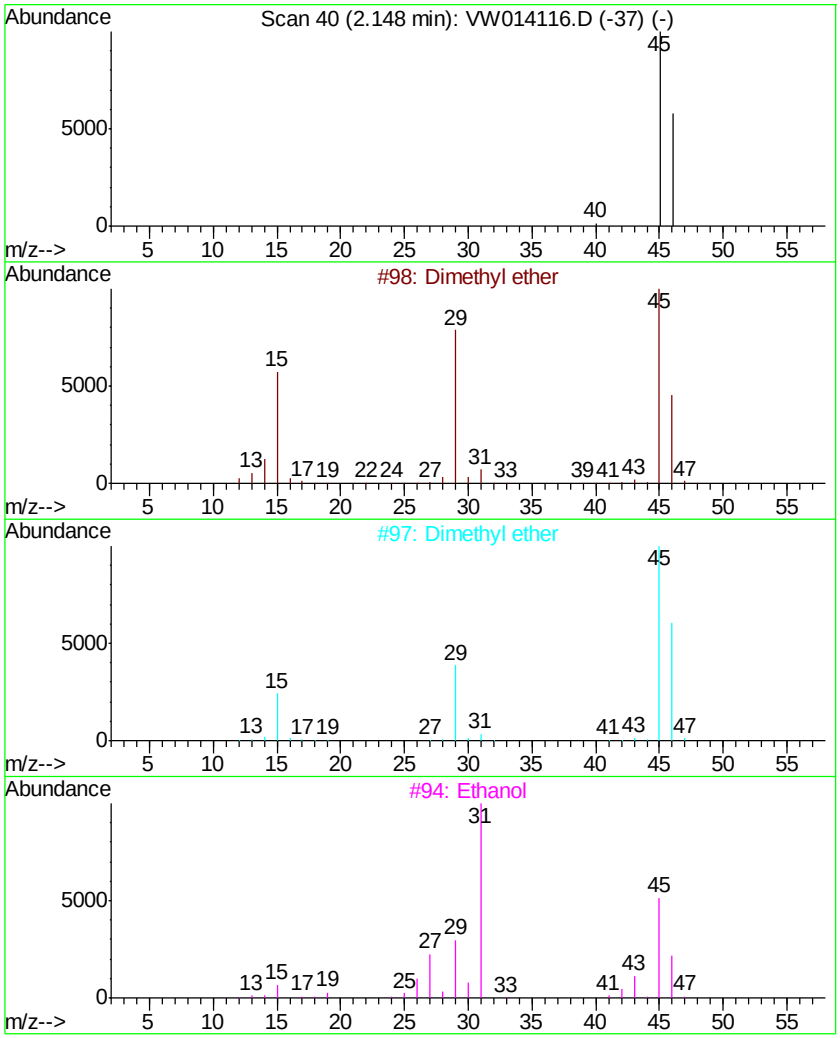
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

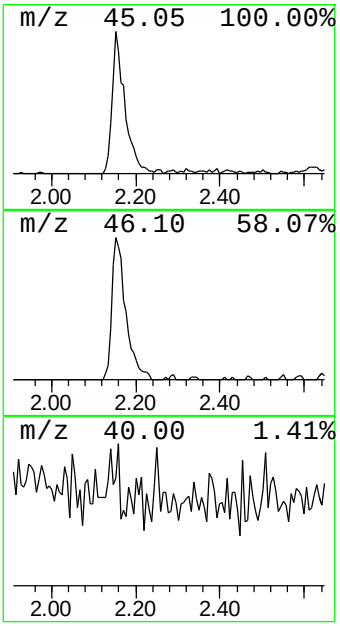
****

Peak Number 1 Dimethyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.73 ug/L	19867	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Ethanol	46	C2H6O	000064-17-5	4
4	Ethanol	46	C2H6O	000064-17-5	4
5	Ethanol	46	C2H6O	000064-17-5	4





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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

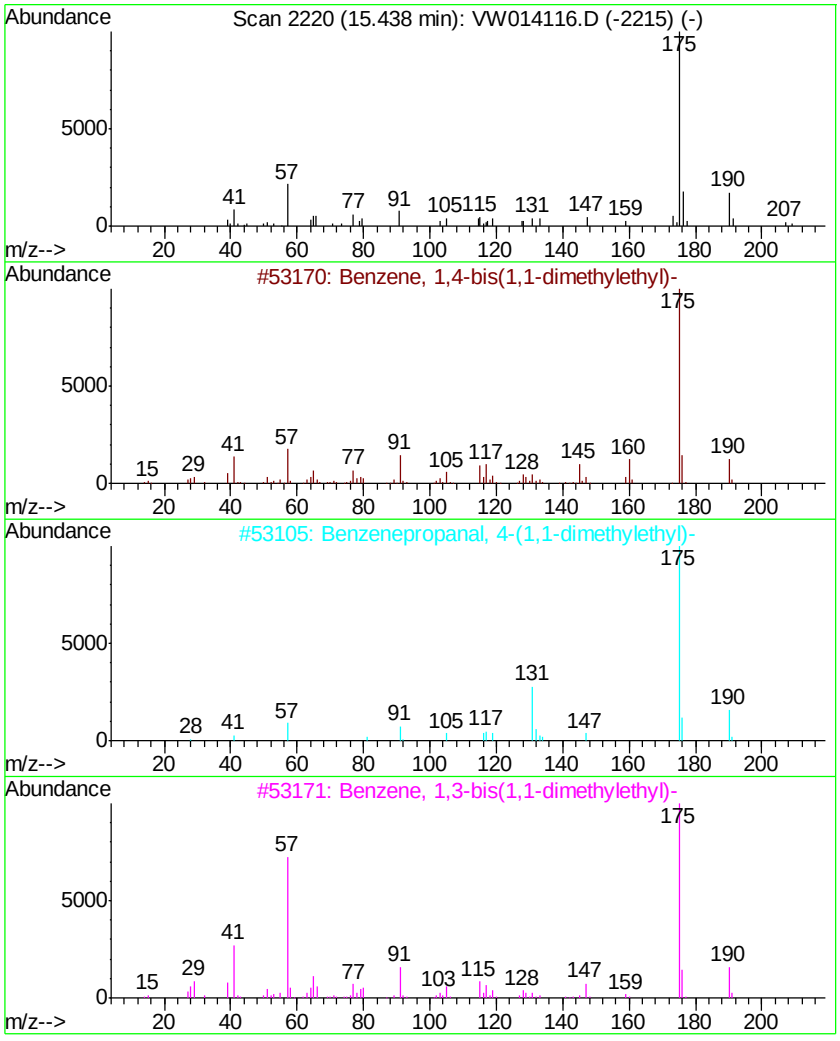
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

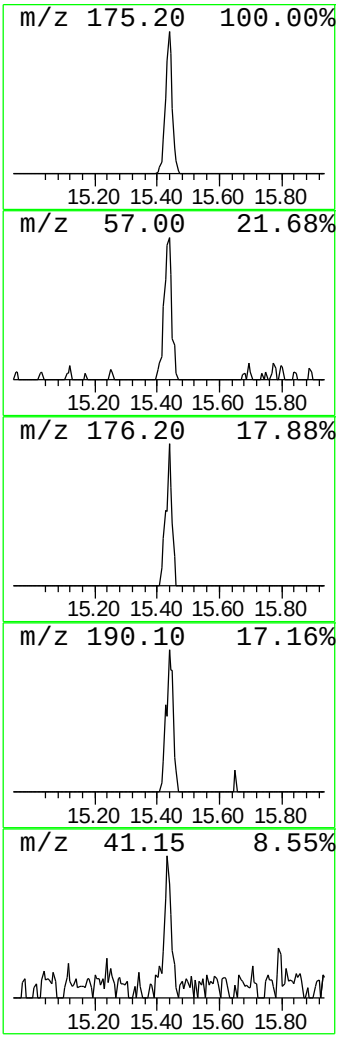
****

Peak Number 8 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.41 ug/L	23876	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	90
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	83
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80
5	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	78





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.15	1.7	ug/L	19867	1	8.84	286369	25.0
Benzene, 1,4-bis(...	15.44	2.4	ug/L	23876	3	13.55	248011	25.0