LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
Data File : VW014129.D
Acq On : 26 Nov 2019 12:30
Operator : SY/VA
Sample : K6007-08RE
Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL6RE

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	36	41	50	rBV	12404	28551	2.57%	0.490%
2	2.349	67	73	81	rBV	63226	115128	10.38%	1.978%
3	2.885	155	161	175	rVB	51972	130520	11.76%	2.242%
4	3.233	215	218	219	rBV2	413	390	0.04%	0.007%
5	3.379	237	242	247	rBV3	1397	3228	0.29%	0.055%
6	3.635	283	284	286	rBV	353	341	0.03%	0.006%
7	3.727	296	299	302	rVB4	775	999	0.09%	0.017%
8	3.775	305	307	311	rVB2	351	333	0.03%	0.006%
9	3.916	328	330	333	rVB2	404	359	0.03%	0.006%
10	4.013	333	346	361	rBV2	99057	329221	29.68%	5.656%
11	4.208	377	378	382	rVB4	382	347	0.03%	0.006%
12	4.373	400	405	406	rBV2	1332	1625	0.15%	0.028%
13	4.440	415	416	419	rVB	632	458	0.04%	0.008%
14	4.483	419	423	424	rBV2	253	324	0.03%	0.006%
15	4.672	453	454	457	rVB2	375	338	0.03%	0.006%
16	4.775	466	471	473	rBV2	227	449	0.04%	0.008%
17	4.909	483	493	494	rBV2	4799	9275	0.84%	0.159%
18	5.104	523	525	526	rBV2	482	307	0.03%	0.005%
19	5.123	526	528	530	rVV	391	387	0.03%	0.007%
20	5.226	543	545	547	rBV2	280	326	0.03%	0.006%
21	5.421	571	577	580	rBV5	633	1135	0.10%	0.019%
22	5.751	630	631	637	rVB2	719	990	0.09%	0.017%
23	5.799	637	639	640	rBV2	397	309	0.03%	0.005%
24	5.927	654	660	670	rVV4	2654	7450	0.67%	0.128%
25	6.159	696	698	700	rBV3	278	249	0.02%	0.004%
26	6.208	704	706	708	rBV2	433	420	0.04%	0.007%
27	6.269	714	716	719	rBV2	281	290	0.03%	0.005%
28	6.305	719	722	724	rBV2	241	307	0.03%	0.005%
29	6.379	732	734	736	rBV2	345	308	0.03%	0.005%
30	6.433	741	743	745	rVB	444	259	0.02%	0.004%
31	6.476	745	750	751	rBV2	452	547	0.05%	0.009%
32	6.714	785	789	792	rBV3	607	682	0.06%	0.012%
33	6.885	813	817	819	rBV2	399	495	0.04%	0.009%
34	6.952	827	828	831	rBV	398	493	0.04%	0.008%

LSC Area Percent Report

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Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL6RE

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	6.976	831	832	835	rBV3	894	717	0.06%	0.012%
36	7.074	839	848	853	rBV2	35330	98914	8.92%	1.699%
37	7.330	888	890	893	rVB3	497	390	0.04%	0.007%
38	7.378	896	898	901	rVB	290	315	0.03%	0.005%
39	7.433	905	907	909	rBV	565	476	0.04%	0.008%
40	7.537	918	924	929	rVB4	1459	3036	0.27%	0.052%
41	7.641	931	941	953	rVV	190307	474437	42.77%	8.151%
42	7.750	956	959	961	rBV	435	514	0.05%	0.009%
43	7.781	962	964	967	rVB2	515	378	0.03%	0.006%
44	7.823	967	971	972	rVB3	331	368	0.03%	0.006%
45	7.872	972	979	984	rBV4	1100	2545	0.23%	0.044%
46	7.945	984	991	998	rVB6	2552	6334	0.57%	0.109%
47	8.049	1005	1008	1010	rVV3	329	414	0.04%	0.007%
48	8.067	1010	1011	1014	rVB2	523	392	0.04%	0.007%
49	8.147	1023	1024	1028	rVB3	518	403	0.04%	0.007%
50	8.268	1032	1044	1062	rBV2	379429	1109404	100.00%	19.059%
51	8.628	1101	1103	1107	rVB2	504	499	0.04%	0.009%
52	8.677	1109	1111	1112	rBV2	671	489	0.04%	0.008%
53	8.781	1125	1128	1129	rVV2	300	309	0.03%	0.005%
54	8.842	1129	1138	1158	rVV	254286	509735	45.95%	8.757%
55	9.037	1167	1170	1171	rBV3	351	351	0.03%	0.006%
56	9.134	1184	1186	1190	rVB2	716	634	0.06%	0.011%
57	9.171	1190	1192	1194	rVB2	492	356	0.03%	0.006%
58	9.268	1200	1208	1216	rBV	266736	547821	49.38%	9.411%
59	9.463	1239	1240	1243	rVB	492	283	0.03%	0.005%
60	9.555	1252	1255	1257	rBV2	394	432	0.04%	0.007%
61	9.591	1260	1261	1262	rBV	715	336	0.03%	0.006%
62	9.665	1269	1273	1277	rVB3	1401	2216	0.20%	0.038%
63	9.756	1286	1288	1290	rBV2	1238	1133	0.10%	0.019%
64	9.982	1323	1325	1327	rBV2	667	601	0.05%	0.010%
65	10.030	1327	1333	1341	rVV	78053	144908	13.06%	2.489%
66	10.116	1345	1347	1348	rBV	1132	871	0.08%	0.015%
67	10.207	1359	1362	1366	rBV4	1294	2282	0.21%	0.039%
68	10.323	1373	1381	1389	rBV	418532	732832	66.06%	12.590%
69	10.579	1417	1423	1434	rVB	36185	66312	5.98%	1.139%
70	10.701	1438	1443	1449	rVB	22962	39371	3.55%	0.676%
71	10.920	1473	1479	1496	rVB	105679	195138	17.59%	3.352%

LSC Area Percent Report

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Misc : 4.86G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL6RE

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

72	11.061	1498	1502	1508	rBV3	12454	21284	1.92%	0.366%
73	11.439	1560	1564	1569	rVB	15091	24144	2.18%	0.415%
74	11.628	1589	1595	1605	rBV	221708	383275	34.55%	6.585%
75	11.829	1626	1628	1637	rVB6	1945	3098	0.28%	0.053%
76	12.414	1723	1724	1727	rVB3	680	381	0.03%	0.007%
77	12.469	1728	1733	1739	rVB4	6017	10055	0.91%	0.173%
78	12.530	1739	1743	1744	rBV2	474	631	0.06%	0.011%
79	12.609	1749	1756	1762	rBV	45296	76373	6.88%	1.312%
80	12.688	1762	1769	1777	rBV	164658	275440	24.83%	4.732%
81	12.755	1777	1780	1786	rVB5	3019	4273	0.39%	0.073%
82	12.847	1791	1795	1796	rBV2	476	685	0.06%	0.012%
83	12.932	1804	1809	1816	rBV5	9071	13204	1.19%	0.227%
84	13.030	1820	1825	1830	rVB5	1645	3204	0.29%	0.055%
85	13.072	1830	1832	1836	rBV3	801	1111	0.10%	0.019%
86	13.249	1859	1861	1862	rVB2	872	443	0.04%	0.008%
87	13.292	1864	1868	1877	rVB3	6022	10801	0.97%	0.186%
88	13.365	1877	1880	1882	rBV2	583	725	0.07%	0.012%
89	13.408	1882	1887	1891	rBV3	2830	4260	0.38%	0.073%
90	13.469	1893	1897	1899	rBV2	1537	1671	0.15%	0.029%
91	13.554	1905	1911	1917	rBV	83898	139815	12.60%	2.402%
92	13.713	1935	1937	1939	rBV3	963	799	0.07%	0.014%
93	13.767	1941	1946	1947	rBV3	1883	2422	0.22%	0.042%
94	13.853	1953	1960	1966	rBV	120658	199892	18.02%	3.434%
95	14.066	1991	1995	2005	rVB2	18319	30825	2.78%	0.530%
96	14.194	2011	2016	2019	rBV3	1731	2721	0.25%	0.047%
97	14.286	2029	2031	2032	rBV	743	472	0.04%	0.008%
98	14.627	2085	2087	2089	rBV2	871	757	0.07%	0.013%
99	15.255	2188	2190	2191	rBV2	819	590	0.05%	0.010%
100	15.432	2214	2219	2225	rVB	14628	24661	2.22%	0.424%

Sum of corrected areas: 5820798

LSC Report - Integrated Chromatogram

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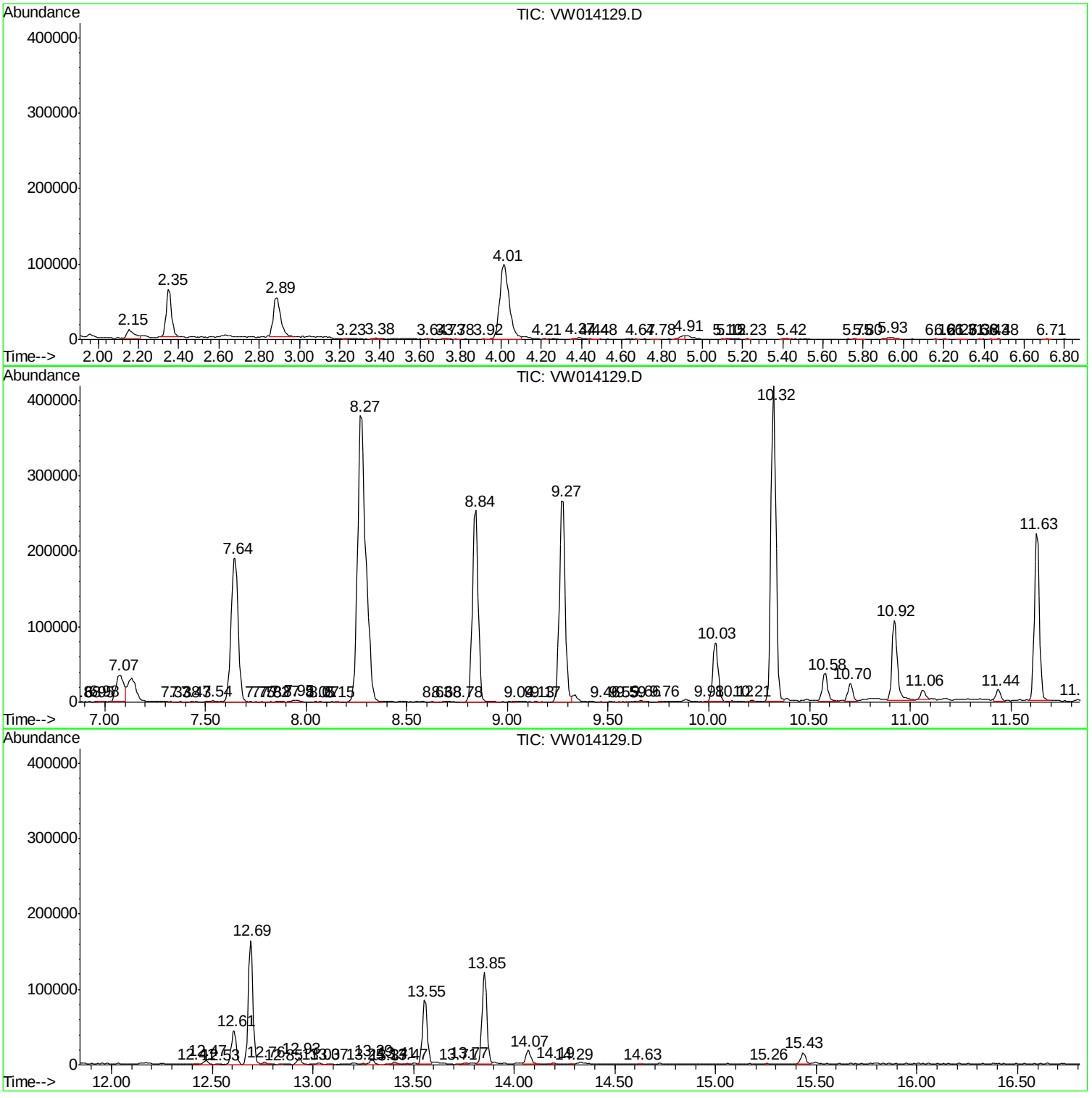
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL6RE

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\VW112619\
Data File : VW014129.D
Acq On : 26 Nov 2019 12:30
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Sample : K6007-08RE
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ALS Vial : 1 Sample Multiplier: 1

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

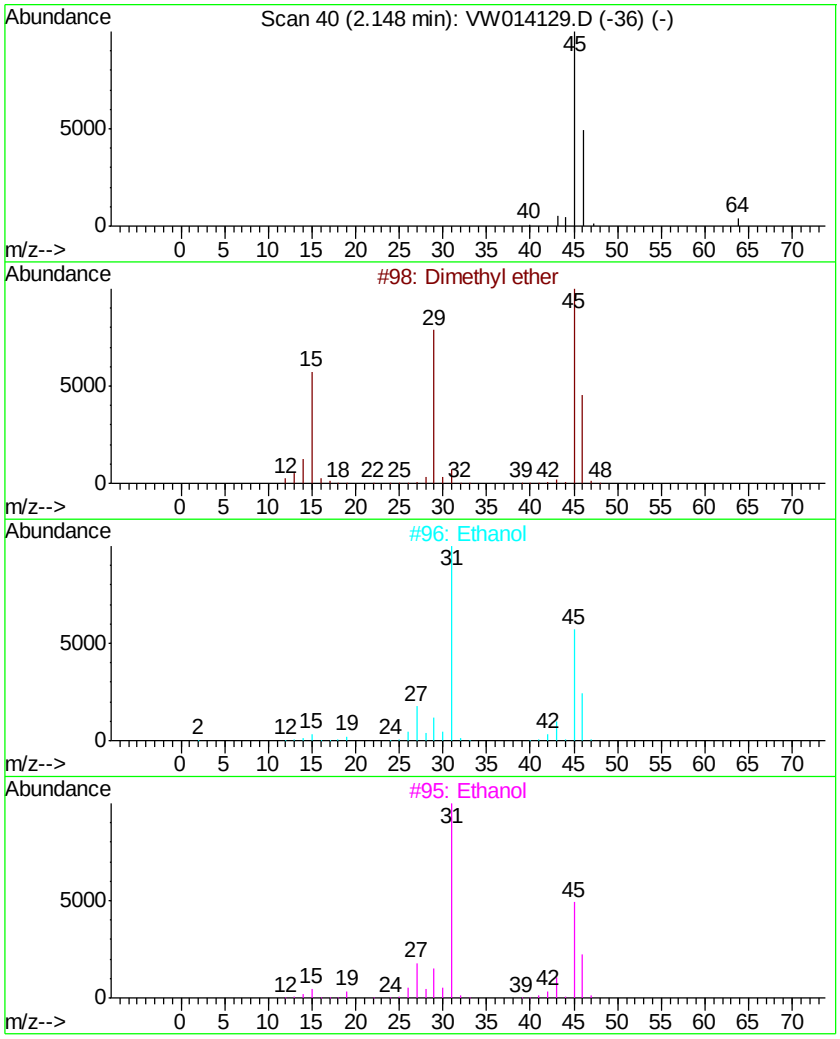
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

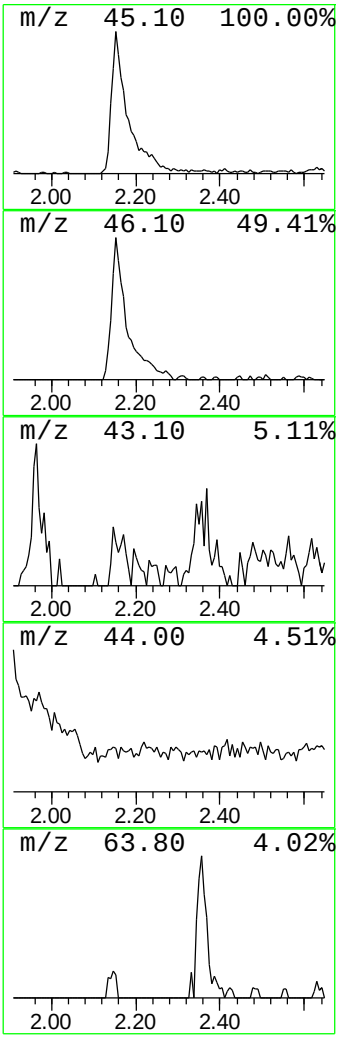
****

Peak Number 1 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.40 ug/L	28551	1,4-Difluorobenzene	8.84

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





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

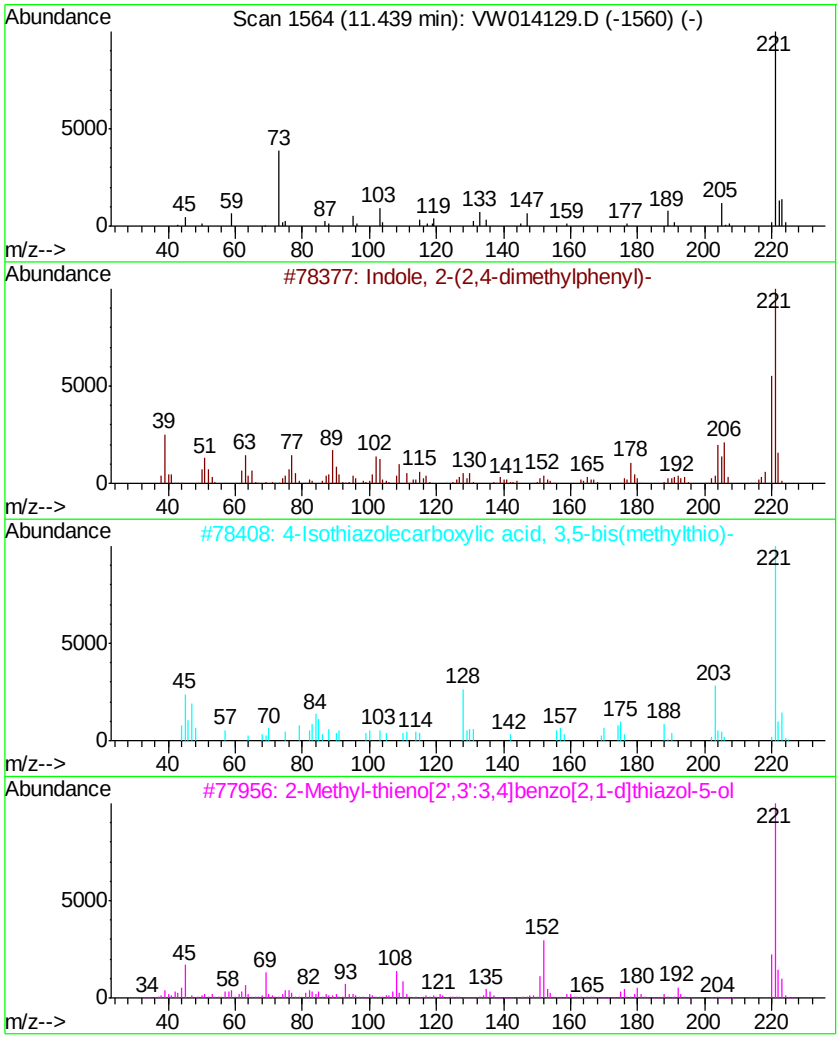
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

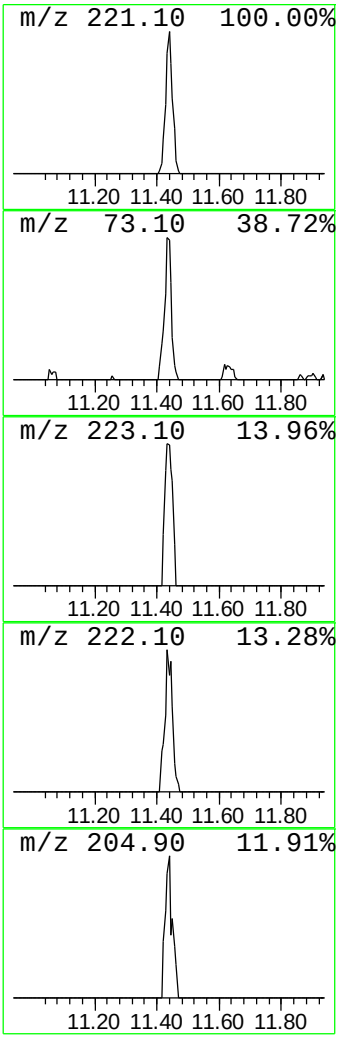
****

Peak Number 5 Indole, 2-(2,4-dimethylphen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	1.57 ug/L	24144	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole, 2-(2,4-dimethylphenyl)-	221	C16H15N	062663-29-0	59
2	4-Isothiazolecarboxylic acid, 3,...	221	C6H7NO2S3	004886-15-1	53
3	2-Methyl-thieno[2',3':3,4]benzo[...	221	C10H7NOS2	294668-48-7	53
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	50
5	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	50





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

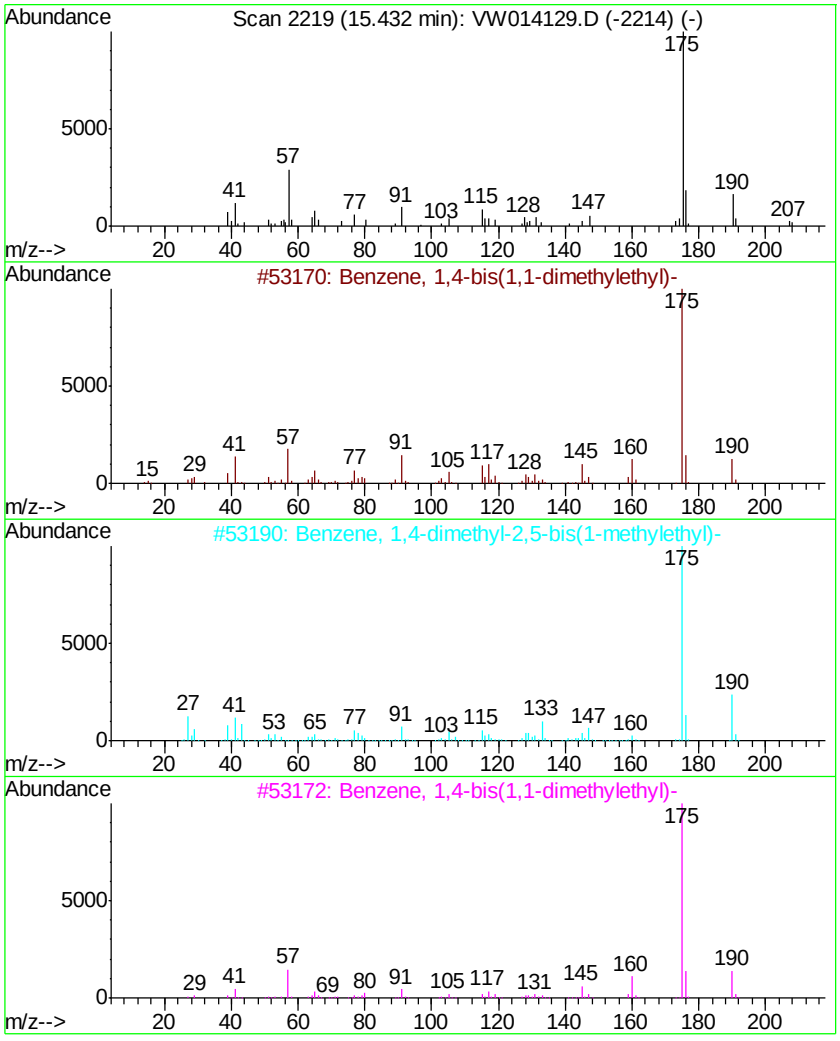
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

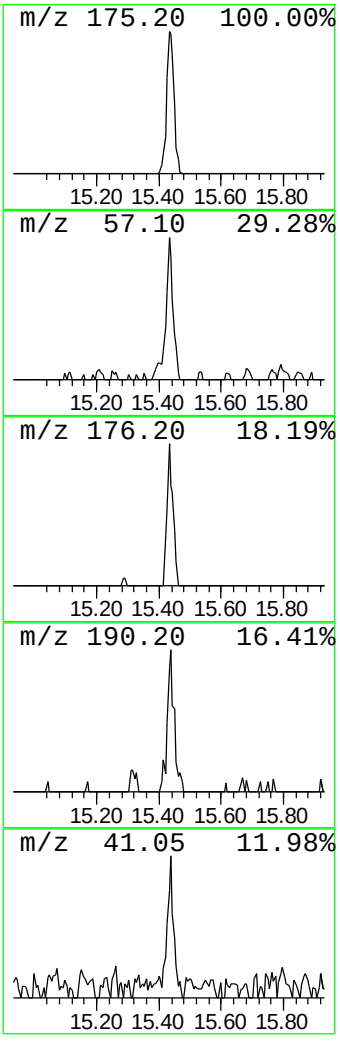
****

Peak Number 10 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.41 ug/L	24661	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	87
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	87
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
4	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	78
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	74





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	2.15	1.4	ug/L	28551	1	8.84	509735	25.0
Indole, 2-(2,4-di...	11.44	1.6	ug/L	24144	2	11.63	383275	25.0
Benzene, 1,4-bis(...	15.43	4.4	ug/L	24661	3	13.55	139815	25.0