LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121619\
Data File : VW014371.D
Acq On : 16 Dec 2019 16:15
Operator : SY/VA
Sample : K6277-16RE
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C55RE

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\SOM2WLM120519S.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	1.965	5	10	30	rVB5	13109	47017	1.31%	0.213%
2	2.154	36	41	48	rBV2	11208	27711	0.77%	0.126%
3	2.349	67	73	83	rVB	264538	478051	13.33%	2.169%
4	2.885	154	161	176	rVB	175440	455282	12.70%	2.066%
5	3.275	223	225	227	rVB3	1308	1161	0.03%	0.005%
6	3.306	227	230	231	rBV3	763	827	0.02%	0.004%
7	3.349	235	237	239	rBV3	690	813	0.02%	0.004%
8	3.458	251	255	256	rBV4	1219	1253	0.03%	0.006%
9	3.477	256	258	260	rBV2	1038	776	0.02%	0.004%
10	4.013	334	346	363	rBV	353137	1195322	33.34%	5.424%
11	4.397	401	409	420	rVV5	4171	14128	0.39%	0.064%
12	4.580	435	439	442	rVB3	812	1331	0.04%	0.006%
13	4.726	460	463	465	rBV2	619	756	0.02%	0.003%
14	4.781	468	472	477	rBV5	669	888	0.02%	0.004%
15	4.824	477	479	482	rBV3	473	706	0.02%	0.003%
16	4.921	482	495	512	rVV3	25791	101100	2.82%	0.459%
17	5.086	518	522	523	rVV4	709	711	0.02%	0.003%
18	5.129	528	529	533	rVV2	1384	2257	0.06%	0.010%
19	5.165	533	535	539	rVV2	1715	2321	0.06%	0.011%
20	5.214	542	543	547	rVB4	1006	832	0.02%	0.004%
21	5.330	560	562	565	rVB2	659	817	0.02%	0.004%
22	5.366	565	568	573	rBV5	890	1526	0.04%	0.007%
23	5.549	597	598	602	rVB2	793	920	0.03%	0.004%
24	5.787	636	637	644	rVB4	676	1021	0.03%	0.005%
25	5.927	653	660	661	rBV4	5760	9841	0.27%	0.045%
26	6.129	688	693	696	rBV4	984	1843	0.05%	0.008%
27	6.543	760	761	766	rVB3	601	839	0.02%	0.004%
28	6.891	813	818	819	rBV2	497	791	0.02%	0.004%
29	6.958	827	829	832	rBV	634	808	0.02%	0.004%
30	7.073	836	848	853	rBV	100818	287452	8.02%	1.304%
31	7.244	874	876	879	rBV3	1370	920	0.03%	0.004%
32	7.317	886	888	892	rVB2	953	1031	0.03%	0.005%
33	7.354	892	894	897	rBV4	803	822	0.02%	0.004%
34	7.500	915	918	919	rBV3	953	912	0.03%	0.004%

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Operator : SY/VA
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Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C55RE

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\SOM2WLM120519S.M
Title : VOC Analysis

35	7.537	922	924	928	rVB3	1548	1921	0.05%	0.009%
36	7.640	931	941	955	rVV	605055	1510813	42.13%	6.856%
37	7.933	984	989	990	rBV4	2964	3378	0.09%	0.015%
38	8.067	1007	1011	1017	rBV4	1249	2373	0.07%	0.011%
39	8.274	1033	1045	1061	rBV2	1210767	3585779	100.00%	16.271%
40	8.421	1067	1069	1073	rVB4	1607	1337	0.04%	0.006%
41	8.549	1086	1090	1092	rVB6	836	1087	0.03%	0.005%
42	8.671	1107	1110	1111	rBV3	1319	1329	0.04%	0.006%
43	8.695	1112	1114	1125	rVB9	1866	3893	0.11%	0.018%
44	8.841	1128	1138	1151	rBV	1092878	2184952	60.93%	9.915%
45	8.957	1156	1157	1159	rVB	1052	739	0.02%	0.003%
46	9.073	1167	1176	1181	rVB9	4854	11494	0.32%	0.052%
47	9.189	1192	1195	1196	rBV3	886	1043	0.03%	0.005%
48	9.268	1198	1208	1218	rBV	844851	1744953	48.66%	7.918%
49	9.421	1232	1233	1236	rBV3	1155	1150	0.03%	0.005%
50	9.445	1236	1237	1241	rVV4	1079	1022	0.03%	0.005%
51	9.524	1249	1250	1255	rBV4	772	926	0.03%	0.004%
52	9.591	1258	1261	1266	rVV3	996	1351	0.04%	0.006%
53	9.664	1268	1273	1279	rVB5	2811	6278	0.18%	0.028%
54	9.756	1284	1288	1291	rBV4	2245	3446	0.10%	0.016%
55	9.890	1303	1310	1315	rBV6	5836	11479	0.32%	0.052%
56	10.030	1321	1333	1343	rBV	352784	650018	18.13%	2.950%
57	10.213	1358	1363	1365	rBV3	6057	9041	0.25%	0.041%
58	10.323	1372	1381	1389	rBV	1537899	2689921	75.02%	12.206%
59	10.494	1403	1409	1410	rVV4	1565	2613	0.07%	0.012%
60	10.512	1410	1412	1415	rVB4	1647	2028	0.06%	0.009%
61	10.573	1415	1422	1433	rBV	202931	365156	10.18%	1.657%
62	10.701	1437	1443	1451	rVB2	46034	81729	2.28%	0.371%
63	10.762	1451	1453	1454	rBV	1563	1351	0.04%	0.006%
64	10.920	1473	1479	1492	rBV	378271	685377	19.11%	3.110%
65	11.061	1497	1502	1512	rVB	24588	47944	1.34%	0.218%
66	11.176	1517	1521	1529	rVB8	4711	9114	0.25%	0.041%
67	11.274	1535	1537	1540	rBV3	2204	2554	0.07%	0.012%
68	11.439	1554	1564	1571	rVB2	37521	67727	1.89%	0.307%
69	11.500	1571	1574	1575	rBV3	1277	1029	0.03%	0.005%
70	11.524	1575	1578	1579	rBV3	1547	1421	0.04%	0.006%
71	11.628	1588	1595	1612	rBV	1209504	2057090	57.37%	9.334%

LSC Area Percent Report

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Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C55RE

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\SOM2WLM120519S.M
Title : VOC Analysis

72	11.835	1625	1629	1630	rBV4	2477	3168	0.09%	0.014%
73	11.951	1646	1648	1650	rBV3	1480	1368	0.04%	0.006%
74	12.109	1673	1674	1675	rBV	1626	920	0.03%	0.004%
75	12.323	1707	1709	1711	rBV3	1191	911	0.03%	0.004%
76	12.463	1730	1732	1737	rVB5	2383	2925	0.08%	0.013%
77	12.609	1749	1756	1762	rBV	92965	158482	4.42%	0.719%
78	12.688	1762	1769	1777	rVV	560547	941120	26.25%	4.271%
79	12.762	1777	1781	1789	rVB7	6077	11546	0.32%	0.052%
80	12.853	1794	1796	1799	rBV3	1510	2096	0.06%	0.010%
81	12.932	1804	1809	1814	rBV3	16277	27454	0.77%	0.125%
82	13.036	1822	1826	1830	rBV6	3331	5543	0.15%	0.025%
83	13.079	1830	1833	1839	rVB7	4073	6235	0.17%	0.028%
84	13.127	1839	1841	1843	rBV3	1720	1812	0.05%	0.008%
85	13.164	1843	1847	1848	rBV3	2805	3162	0.09%	0.014%
86	13.292	1864	1868	1875	rVB2	14695	25302	0.71%	0.115%
87	13.408	1880	1887	1891	rBV6	8216	15679	0.44%	0.071%
88	13.469	1892	1897	1901	rBV2	19090	31728	0.88%	0.144%
89	13.554	1905	1911	1920	rBV	601958	985698	27.49%	4.473%
90	13.761	1941	1945	1948	rBV4	7488	11061	0.31%	0.050%
91	13.798	1948	1951	1953	rBV3	4141	5032	0.14%	0.023%
92	13.853	1953	1960	1966	rBV	751827	1240403	34.59%	5.629%
93	14.066	1991	1995	2005	rVB	36258	65768	1.83%	0.298%
94	14.200	2011	2017	2023	rVB9	6684	12604	0.35%	0.057%
95	14.328	2035	2038	2041	rBV5	3359	4129	0.12%	0.019%
96	14.499	2061	2066	2067	rBV5	3407	4919	0.14%	0.022%
97	14.834	2119	2121	2122	rBV2	1208	970	0.03%	0.004%
98	15.023	2150	2152	2155	rBV4	1622	2055	0.06%	0.009%
99	15.438	2215	2220	2226	rVB	40247	65517	1.83%	0.297%
100	15.639	2249	2253	2256	rBV5	1422	2437	0.07%	0.011%

Sum of corrected areas: 22037686

LSC Report - Integrated Chromatogram

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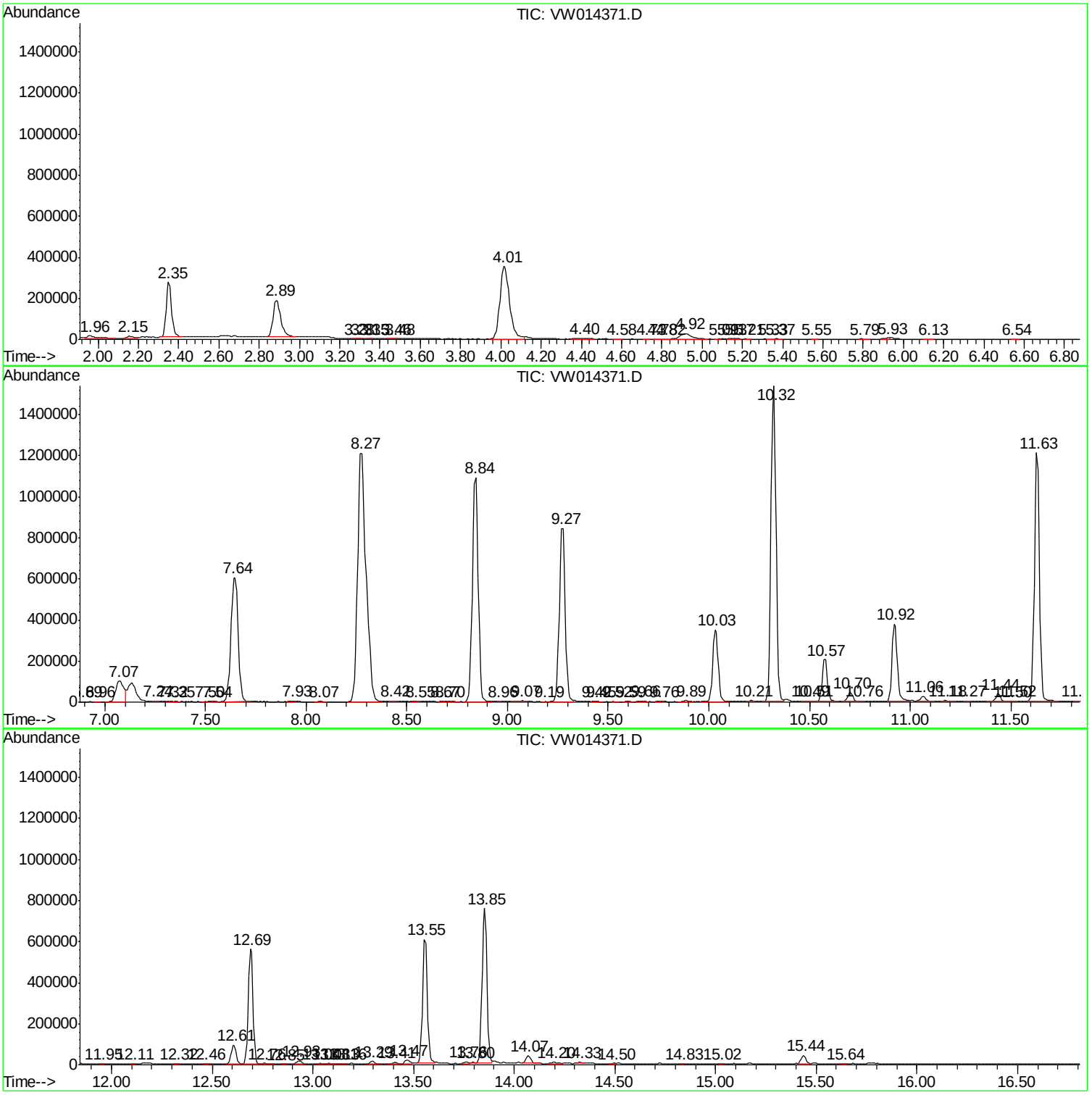
Instrument : MSVOA_W
ClientSampleId : C0C55RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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ClientSampleId : C0C55RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

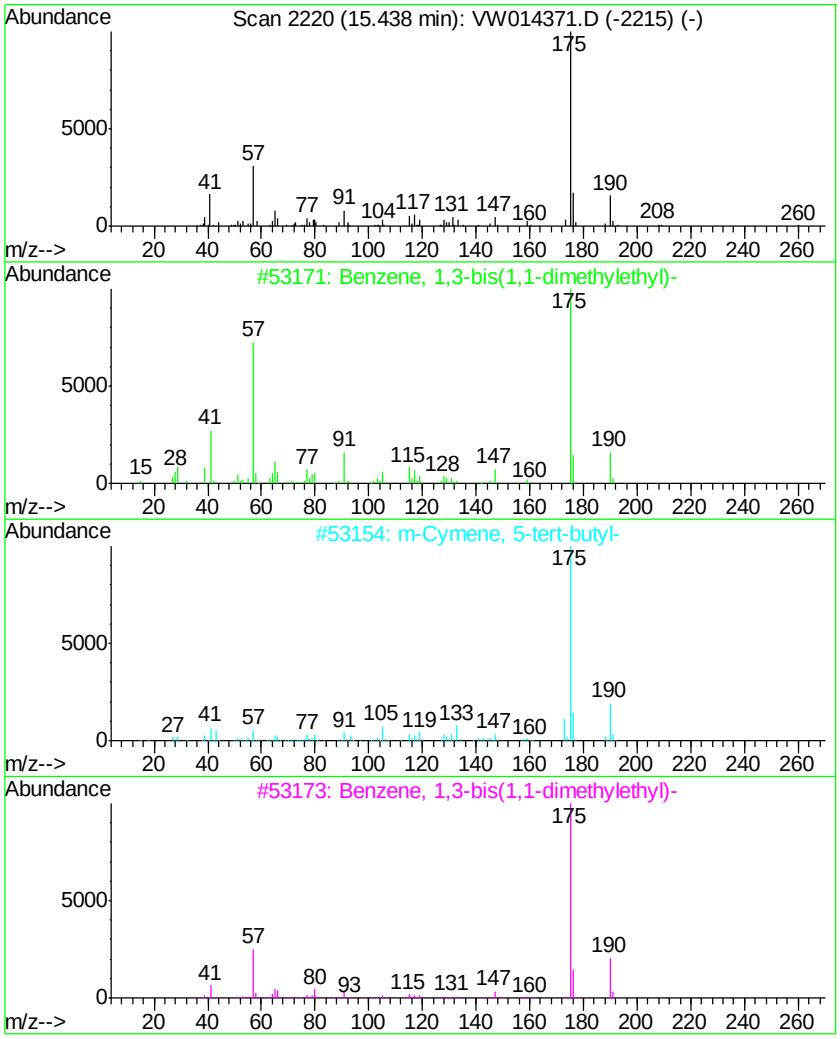
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

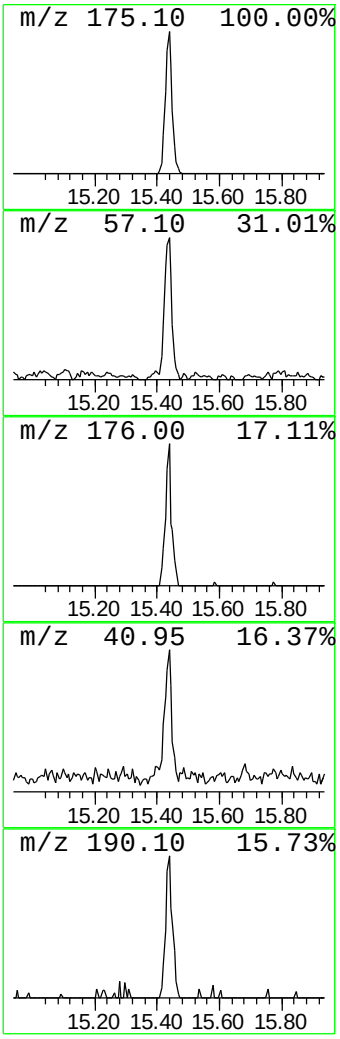
****

Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.66 ug/L	65517	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	87
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121619\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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
Benzene, 1,3-bis(...	15.44	1.7	ug/L	65517	3	13.55	985698	25.0