LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
Data File : VW016920.D
Acq On : 15 Oct 2020 18:30
Operator : SY/VA
Sample : VIBLK14
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK14

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\SOM2WLM100720S.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	2.355	69	74	85	rVB	92234	175348	11.72%	1.469%
2	2.898	156	163	177	rVB	67933	165814	11.08%	1.389%
3	3.398	237	245	250	rBV3	2571	6043	0.40%	0.051%
4	4.025	336	348	366	rBV	159847	501814	33.54%	4.203%
5	4.391	405	408	410	rBV3	426	561	0.04%	0.005%
6	4.922	483	495	513	rBV3	21843	82892	5.54%	0.694%
7	5.062	516	518	523	rVB2	387	499	0.03%	0.004%
8	5.111	523	526	527	rBV	551	453	0.03%	0.004%
9	5.434	576	579	581	rVB3	352	391	0.03%	0.003%
10	5.757	624	632	634	rBV7	1876	4059	0.27%	0.034%
11	5.946	653	663	675	rVB2	10221	30925	2.07%	0.259%
12	6.135	692	694	698	rVV3	374	489	0.03%	0.004%
13	6.586	765	768	770	rVB2	396	433	0.03%	0.004%
14	6.616	770	773	778	rBV2	430	760	0.05%	0.006%
15	6.933	815	825	830	rBV5	731	2201	0.15%	0.018%
16	7.086	841	850	854	rBV	31681	81070	5.42%	0.679%
17	7.421	903	905	910	rVB2	493	449	0.03%	0.004%
18	7.561	924	928	932	rVB3	398	563	0.04%	0.005%
19	7.653	932	943	957	rBV	246703	610755	40.82%	5.115%
20	7.763	959	961	963	rVB2	525	445	0.03%	0.004%
21	7.952	987	992	993	rBV3	1075	1369	0.09%	0.011%
22	8.067	1009	1011	1016	rVB3	440	565	0.04%	0.005%
23	8.281	1032	1046	1061	rBV2	499985	1496359	100.00%	12.533%
24	8.403	1061	1066	1068	rVB5	575	866	0.06%	0.007%
25	8.482	1078	1079	1083	rBV2	344	475	0.03%	0.004%
26	8.598	1094	1098	1100	rBV3	488	465	0.03%	0.004%
27	8.634	1101	1104	1108	rVB2	558	742	0.05%	0.006%
28	8.671	1108	1110	1112	rBV2	522	564	0.04%	0.005%
29	8.695	1112	1114	1117	rVB3	849	698	0.05%	0.006%
30	8.848	1129	1139	1150	rBV	530256	1058070	70.71%	8.862%
31	9.079	1171	1177	1184	rBV6	2127	4988	0.33%	0.042%
32	9.274	1201	1209	1220	rBV	304096	620845	41.49%	5.200%
33	9.665	1268	1273	1274	rBV4	862	989	0.07%	0.008%
34	9.768	1286	1290	1293	rVV3	449	764	0.05%	0.006%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Title : VOC Analysis

35	9.896	1305	1311	1319	rVB7	1350	2661	0.18%	0.022%
36	10.037	1319	1334	1346	rBV	163313	300840	20.10%	2.520%
37	10.122	1346	1348	1351	rVB4	641	600	0.04%	0.005%
38	10.207	1357	1362	1367	rBV5	2696	5840	0.39%	0.049%
39	10.329	1374	1382	1391	rBV	697433	1258066	84.08%	10.537%
40	10.579	1416	1423	1433	rBV	98333	172390	11.52%	1.444%
41	10.707	1437	1444	1453	rBV	121309	213356	14.26%	1.787%
42	10.866	1461	1470	1475	rBV	220584	391949	26.19%	3.283%
43	10.927	1475	1480	1492	rVB	122059	208826	13.96%	1.749%
44	11.067	1497	1503	1511	rBV3	29449	51963	3.47%	0.435%
45	11.177	1516	1521	1529	rVB2	5893	10207	0.68%	0.085%
46	11.305	1540	1542	1545	rVV3	649	620	0.04%	0.005%
47	11.341	1545	1548	1552	rVB5	615	881	0.06%	0.007%
48	11.402	1555	1558	1559	rBV3	2584	2803	0.19%	0.023%
49	11.439	1559	1564	1571	rVB	25155	42395	2.83%	0.355%
50	11.634	1588	1596	1608	rBV	741384	1229914	82.19%	10.301%
51	11.835	1626	1629	1635	rBV5	1000	2232	0.15%	0.019%
52	11.951	1646	1648	1652	rVB4	729	705	0.05%	0.006%
53	12.170	1679	1684	1690	rBV4	1132	2246	0.15%	0.019%
54	12.256	1695	1698	1701	rVV4	442	456	0.03%	0.004%
55	12.353	1709	1714	1717	rBV6	529	1023	0.07%	0.009%
56	12.469	1729	1733	1736	rBV4	1749	2621	0.18%	0.022%
57	12.609	1749	1756	1763	rVV	156863	242959	16.24%	2.035%
58	12.695	1763	1770	1778	rVV	241608	388443	25.96%	3.253%
59	12.859	1793	1797	1799	rBV3	650	979	0.07%	0.008%
60	12.932	1803	1809	1813	rBV	13228	21091	1.41%	0.177%
61	13.042	1821	1827	1830	rBV3	2110	3289	0.22%	0.028%
62	13.079	1830	1833	1838	rVB5	2156	2774	0.19%	0.023%
63	13.158	1844	1846	1847	rBV2	628	574	0.04%	0.005%
64	13.201	1849	1853	1857	rVB4	1610	2102	0.14%	0.018%
65	13.243	1857	1860	1863	rBV4	825	1186	0.08%	0.010%
66	13.298	1864	1869	1878	rVB2	12597	21278	1.42%	0.178%
67	13.408	1878	1887	1892	rBV4	4247	8036	0.54%	0.067%
68	13.475	1894	1898	1899	rBV3	1760	2017	0.13%	0.017%
69	13.512	1900	1904	1905	rBV3	2674	2998	0.20%	0.025%
70	13.560	1905	1912	1919	rBV	737323	1165805	77.91%	9.764%
71	13.762	1940	1945	1948	rBV4	5205	7860	0.53%	0.066%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK14

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Title : VOC Analysis

72	13.798	1949	1951	1954	rVB3	1875	1671	0.11%	0.014%
73	13.853	1954	1960	1967	rBV	625489	1030710	68.88%	8.633%
74	13.950	1974	1976	1980	rVB4	2836	3352	0.22%	0.028%
75	14.018	1983	1987	1990	rBV4	2106	3624	0.24%	0.030%
76	14.072	1990	1996	2005	rVB2	91422	147311	9.84%	1.234%
77	14.200	2011	2017	2025	rBV3	3212	5332	0.36%	0.045%
78	14.328	2029	2038	2042	rBV7	4954	12405	0.83%	0.104%
79	14.487	2063	2064	2066	rVV	649	607	0.04%	0.005%
80	14.524	2068	2070	2076	rVV5	1365	2055	0.14%	0.017%
81	14.591	2079	2081	2084	rVB3	384	428	0.03%	0.004%
82	14.633	2084	2088	2090	rBV4	638	898	0.06%	0.008%
83	14.725	2099	2103	2108	rVV5	2652	4173	0.28%	0.035%
84	14.798	2110	2115	2117	rBV6	563	1047	0.07%	0.009%
85	14.902	2130	2132	2135	rBV3	388	440	0.03%	0.004%
86	15.036	2148	2154	2158	rBV6	891	1774	0.12%	0.015%
87	15.109	2158	2166	2169	rBV9	1668	3451	0.23%	0.029%
88	15.249	2187	2189	2191	rBV2	398	415	0.03%	0.003%
89	15.365	2207	2208	2211	rVB3	639	569	0.04%	0.005%
90	15.438	2211	2220	2225	rBV3	33681	59819	4.00%	0.501%
91	15.493	2225	2229	2237	rVB	8470	14817	0.99%	0.124%
92	15.688	2253	2261	2265	rBV6	2962	6299	0.42%	0.053%
93	15.767	2270	2274	2275	rBV4	1825	2214	0.15%	0.019%
94	15.846	2285	2287	2293	rVB5	1935	2505	0.17%	0.021%
95	15.895	2293	2295	2299	rVB3	1196	1358	0.09%	0.011%
96	15.968	2301	2307	2312	rVB7	1093	2477	0.17%	0.021%
97	16.243	2350	2352	2354	rVB2	691	485	0.03%	0.004%
98	16.481	2389	2391	2394	rBV4	622	516	0.03%	0.004%
99	16.712	2427	2429	2432	rBV4	560	559	0.04%	0.005%
100	16.743	2432	2434	2437	rVV3	603	549	0.04%	0.005%

Sum of corrected areas: 11939568

LSC Report - Integrated Chromatogram

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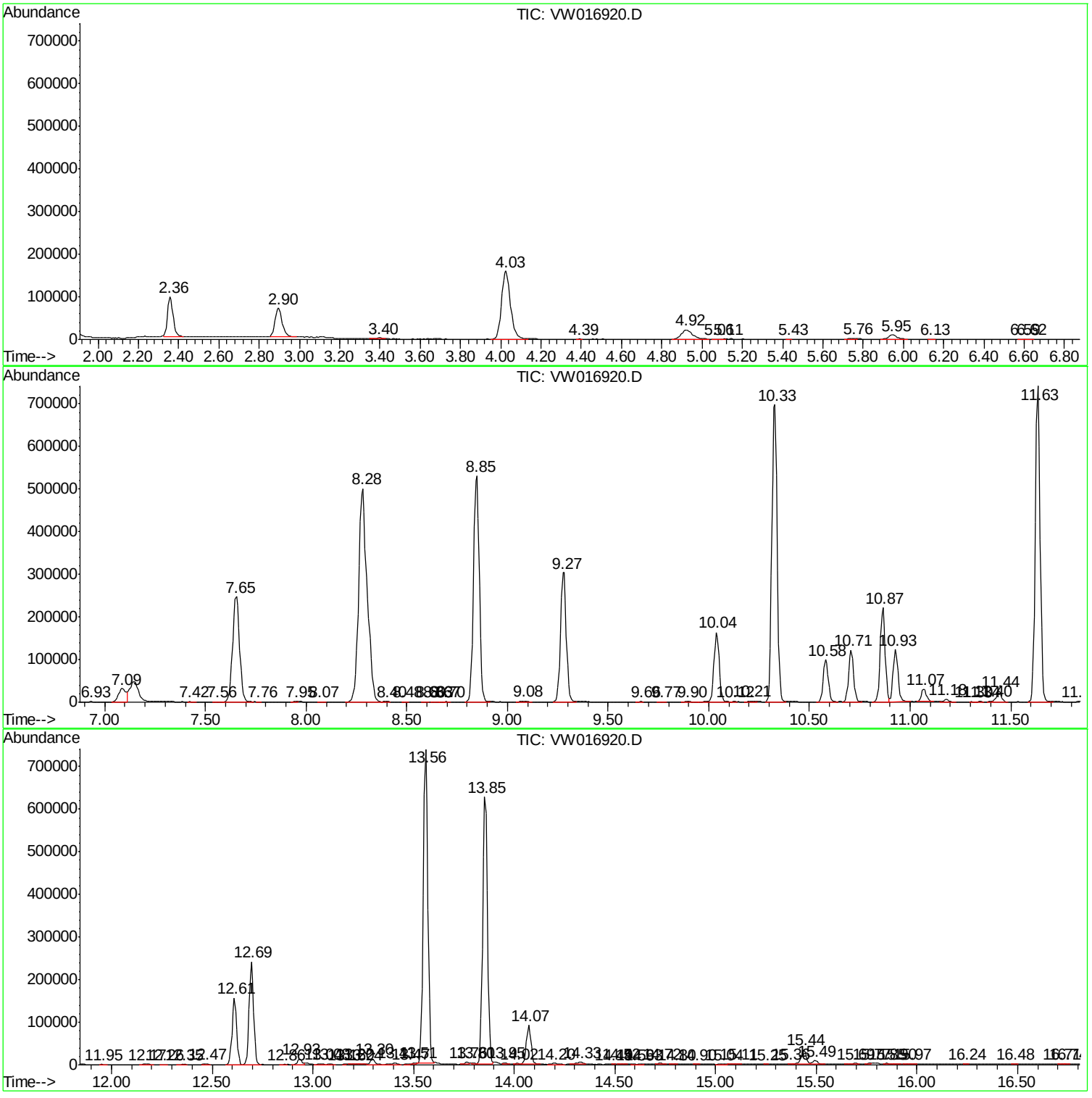
Instrument : MSVOA_W
ClientSampleId : VIBLK14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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



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ClientSampleId : VIBLK14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

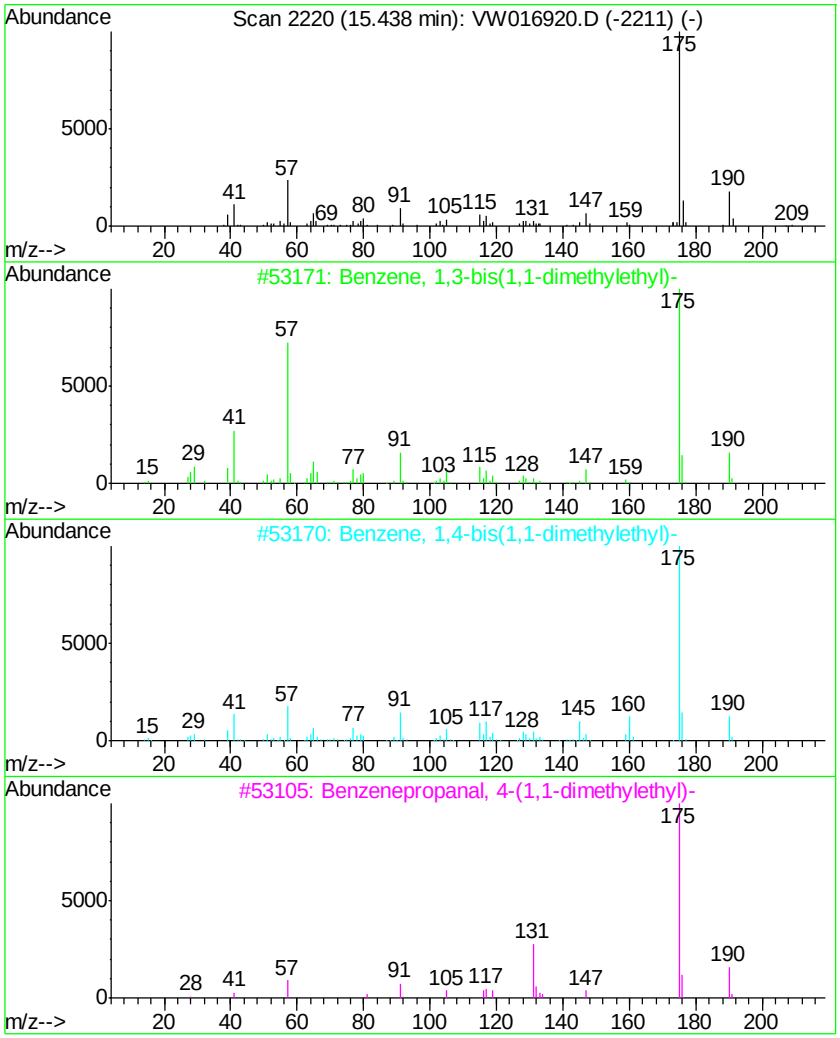
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

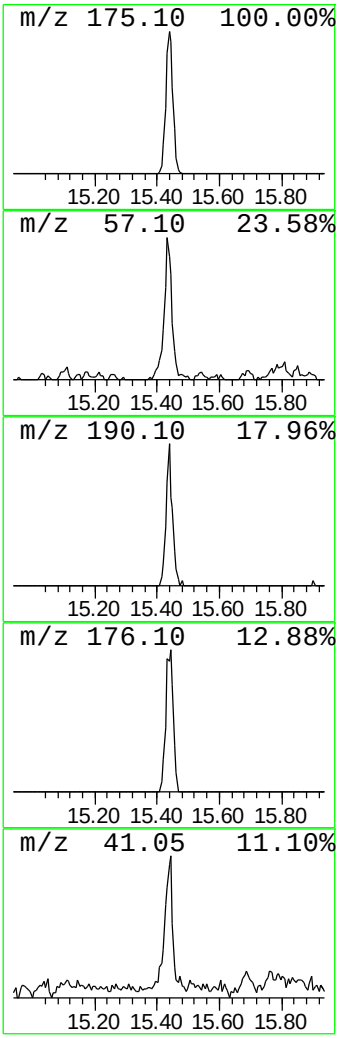
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.28 ug/L	59819	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	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	81





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
Benzene, 1,3-bis(...	15.44	1.3	ug/L	59819	3	13.56	1165810	25.0