

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\
 Data File : VW014252.D
 Acq On : 06 Dec 2019 16:24
 Operator : SY/VA
 Sample : K6172-03
 Misc : 5.39G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BS9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	17	rVB3	10111	21063	0.47%	0.075%
2	2.148	35	40	48	rBV2	27078	63888	1.42%	0.227%
3	2.349	67	73	83	rBV	373910	688367	15.33%	2.448%
4	2.885	154	161	175	rVB	244656	608629	13.55%	2.164%
5	3.288	225	227	232	rVB6	1680	2051	0.05%	0.007%
6	3.385	237	243	249	rVB5	3619	7879	0.18%	0.028%
7	3.434	249	251	254	rVB4	886	1063	0.02%	0.004%
8	3.678	283	291	297	rBV4	7676	17146	0.38%	0.061%
9	3.922	328	331	333	rVB2	1343	1341	0.03%	0.005%
10	4.013	333	346	362	rBV	497090	1637738	36.47%	5.823%
11	4.348	399	401	403	rBV2	1183	1056	0.02%	0.004%
12	4.385	403	407	408	rBV3	3116	4156	0.09%	0.015%
13	4.635	445	448	450	rBV4	789	1188	0.03%	0.004%
14	4.836	478	481	482	rVV2	955	946	0.02%	0.003%
15	4.915	482	494	511	rVB2	29703	112822	2.51%	0.401%
16	5.117	525	527	529	rVV3	1098	1031	0.02%	0.004%
17	5.300	555	557	561	rVB2	923	942	0.02%	0.003%
18	5.354	561	566	568	rBV3	830	1464	0.03%	0.005%
19	5.501	587	590	593	rBV3	1260	1387	0.03%	0.005%
20	5.720	622	626	627	rBV3	1310	1383	0.03%	0.005%
21	5.745	627	630	631	rVV3	1583	1761	0.04%	0.006%
22	5.781	635	636	643	rVB3	1612	1779	0.04%	0.006%
23	5.928	650	660	673	rVB6	10492	33262	0.74%	0.118%
24	6.043	676	679	680	rBV2	1017	1004	0.02%	0.004%
25	6.068	680	683	686	rVB3	1251	1189	0.03%	0.004%
26	6.208	705	706	710	rVB4	1490	1427	0.03%	0.005%
27	6.263	710	715	716	rBV2	1378	1944	0.04%	0.007%
28	6.403	734	738	740	rVB3	1078	1029	0.02%	0.004%
29	6.543	758	761	766	rBV5	762	1319	0.03%	0.005%
30	6.647	773	778	779	rBV3	881	1334	0.03%	0.005%
31	6.842	806	810	813	rBV3	570	1028	0.02%	0.004%
32	6.909	816	821	822	rBV3	1131	1181	0.03%	0.004%
33	6.952	825	828	830	rBV4	1548	1534	0.03%	0.005%
34	6.976	830	832	837	rBV5	954	1198	0.03%	0.004%

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 Title : VOC Analysis

35	7.074	839	848	852	rBV	90998	236051	5.26%	0.839%
36	7.135	853	858	873	rVB	126728	342976	7.64%	1.220%
37	7.269	878	880	883	rVB4	1339	1350	0.03%	0.005%
38	7.427	904	906	907	rBV2	1619	1165	0.03%	0.004%
39	7.525	917	922	923	rBV4	2452	3181	0.07%	0.011%
40	7.647	931	942	956	rBV	729607	1838025	40.93%	6.536%
41	7.891	979	982	985	rBV3	1373	1635	0.04%	0.006%
42	7.933	987	989	992	rBV4	2323	2758	0.06%	0.010%
43	8.147	1021	1024	1025	rBV3	994	1082	0.02%	0.004%
44	8.269	1030	1044	1065	rBV2	1533760	4490547	100.00%	15.967%
45	8.628	1097	1103	1108	rBV5	2112	5113	0.11%	0.018%
46	8.689	1108	1113	1120	rVB7	4188	9485	0.21%	0.034%
47	8.842	1129	1138	1148	rBV	1301219	2579578	57.44%	9.172%
48	9.073	1169	1176	1182	rVB5	9232	20037	0.45%	0.071%
49	9.207	1194	1198	1199	rBV3	1003	1143	0.03%	0.004%
50	9.268	1199	1208	1227	rVV	1013184	2116186	47.13%	7.525%
51	9.488	1237	1244	1246	rBV6	2102	4799	0.11%	0.017%
52	9.573	1257	1258	1260	rBV2	1494	985	0.02%	0.004%
53	9.634	1266	1268	1270	rBV3	1192	1064	0.02%	0.004%
54	9.756	1283	1288	1293	rBV7	6234	16039	0.36%	0.057%
55	9.890	1305	1310	1318	rVB4	17718	40630	0.90%	0.144%
56	10.030	1326	1333	1342	rBV	441199	797896	17.77%	2.837%
57	10.207	1358	1362	1365	rBV4	7411	13850	0.31%	0.049%
58	10.323	1373	1381	1388	rBV	1926332	3420424	76.17%	12.162%
59	10.384	1388	1391	1399	rVB	29548	52864	1.18%	0.188%
60	10.573	1416	1422	1432	rBV	265976	469095	10.45%	1.668%
61	10.701	1437	1443	1449	rBV	87412	154538	3.44%	0.550%
62	10.921	1473	1479	1493	rBV	365848	673483	15.00%	2.395%
63	11.061	1497	1502	1512	rVB	78304	131049	2.92%	0.466%
64	11.170	1518	1520	1529	rVB7	8977	13361	0.30%	0.048%
65	11.433	1559	1563	1571	rVB2	38821	69842	1.56%	0.248%
66	11.512	1574	1576	1578	rBV2	2558	3004	0.07%	0.011%
67	11.628	1587	1595	1609	rBV	1517269	2560543	57.02%	9.105%
68	11.835	1624	1629	1635	rBV3	10551	18930	0.42%	0.067%
69	11.926	1642	1644	1646	rBV3	1659	1008	0.02%	0.004%
70	12.164	1679	1683	1691	rVB6	6071	13064	0.29%	0.046%
71	12.384	1717	1719	1721	rBV3	1941	1331	0.03%	0.005%

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72	12.463	1729	1732	1737	rVB5	3702	5334	0.12%	0.019%
73	12.560	1745	1748	1749	rBV3	1065	1147	0.03%	0.004%
74	12.609	1749	1756	1762	rVV	92790	161656	3.60%	0.575%
75	12.688	1762	1769	1778	rVV	633881	1067030	23.76%	3.794%
76	12.756	1778	1780	1785	rVB4	3316	4191	0.09%	0.015%
77	12.853	1795	1796	1800	rBV3	1478	1740	0.04%	0.006%
78	12.932	1803	1809	1817	rVV	37923	61699	1.37%	0.219%
79	12.987	1817	1818	1821	rVV3	1112	1019	0.02%	0.004%
80	13.036	1822	1826	1829	rVV5	3452	6235	0.14%	0.022%
81	13.085	1830	1834	1837	rVB4	3142	4866	0.11%	0.017%
82	13.194	1842	1852	1855	rBV6	6080	13000	0.29%	0.046%
83	13.298	1863	1869	1874	rVB	20491	33407	0.74%	0.119%
84	13.402	1881	1886	1892	rVB3	9805	16566	0.37%	0.059%
85	13.475	1895	1898	1899	rBV2	2316	2250	0.05%	0.008%
86	13.505	1899	1903	1905	rBV5	4428	6255	0.14%	0.022%
87	13.554	1905	1911	1918	rBV	847119	1391964	31.00%	4.950%
88	13.761	1941	1945	1948	rBV3	8879	14619	0.33%	0.052%
89	13.853	1953	1960	1966	rBV	1073170	1748363	38.93%	6.217%
90	14.072	1990	1996	2005	rVB2	63696	111313	2.48%	0.396%
91	14.207	2012	2018	2022	rVB6	5271	9062	0.20%	0.032%
92	14.328	2030	2038	2041	rBV8	6454	15349	0.34%	0.055%
93	14.359	2041	2043	2049	rVB4	6665	9426	0.21%	0.034%
94	14.560	2074	2076	2078	rBV3	1699	1584	0.04%	0.006%
95	14.658	2090	2092	2095	rBV4	1573	1426	0.03%	0.005%
96	14.725	2100	2103	2108	rVB5	5824	7826	0.17%	0.028%
97	15.109	2162	2166	2168	rBV5	2492	4141	0.09%	0.015%
98	15.438	2214	2220	2225	rBV2	40673	72807	1.62%	0.259%
99	15.493	2225	2229	2235	rVB2	6934	12771	0.28%	0.045%
100	16.310	2361	2363	2366	rBV4	1799	1625	0.04%	0.006%

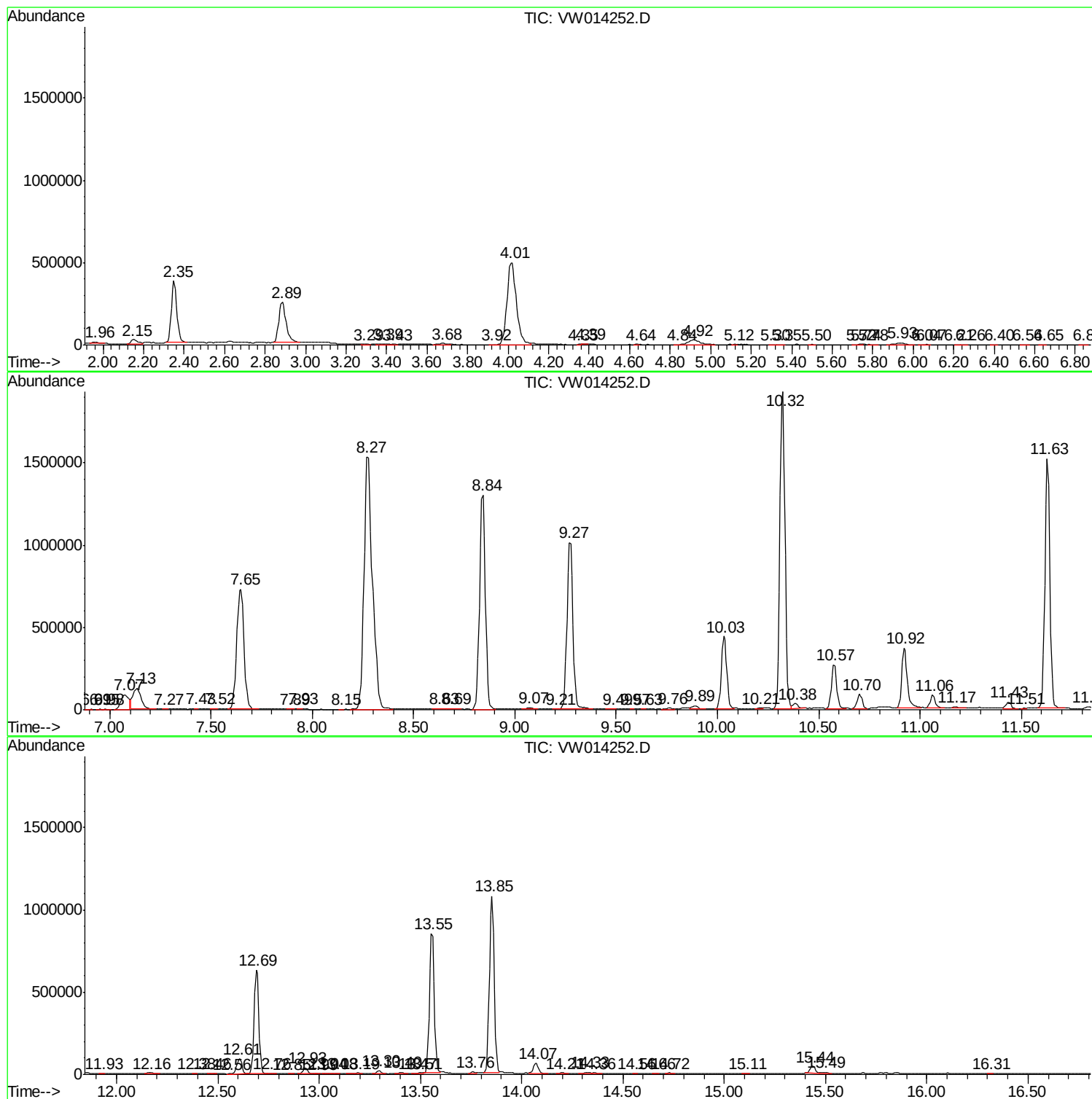
Sum of corrected areas: 28123311

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Quant Method : Z:\V0ASRV\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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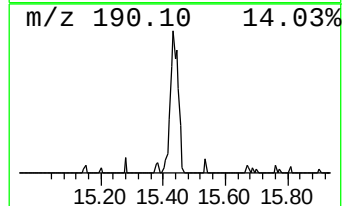
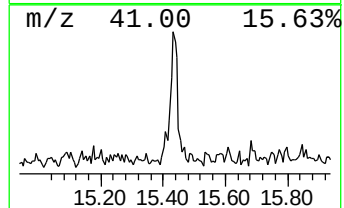
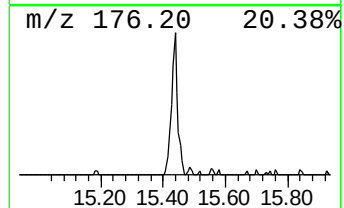
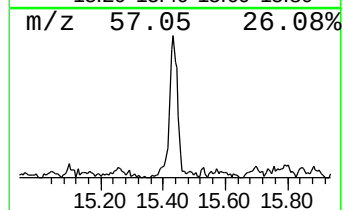
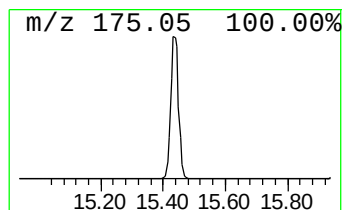
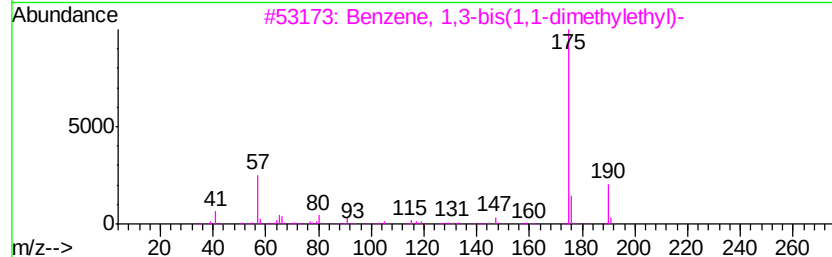
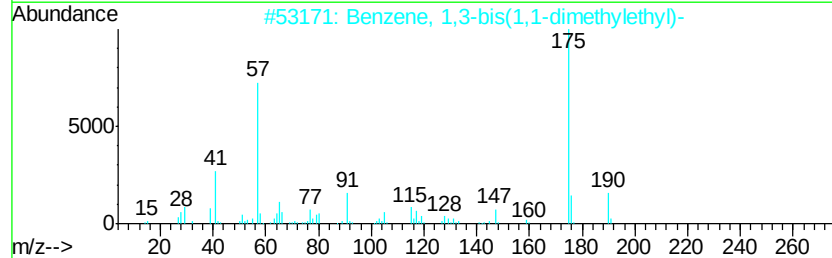
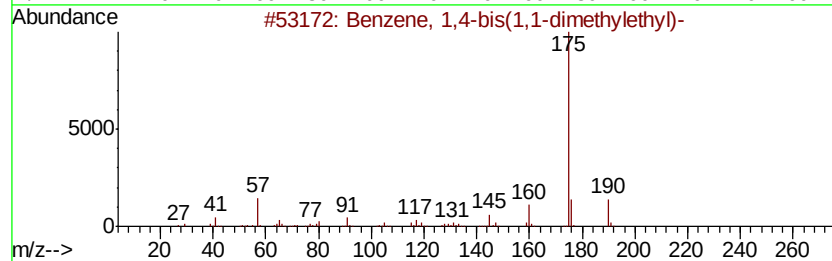
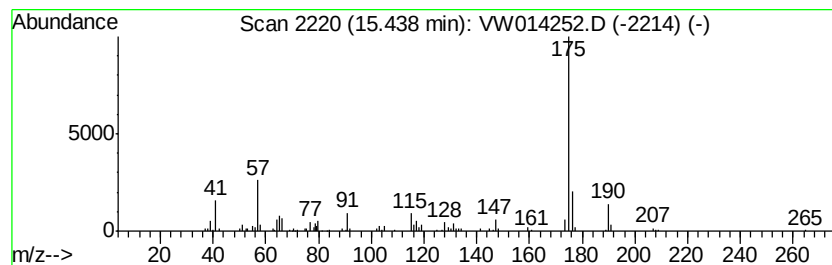
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.31 ug/L	72807	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	90
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	87
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	83
4		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	81
5		Benzenepropanal, 4-(1,1-dimethyl-)	190	C13H18O	018127-01-0	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,4-bis(...	15.44	1.3	ug/L	72807	3	13.56	1391960	25.0