

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010145.D
 Acq On : 25 Apr 2019 16:11
 Operator : SY/VA
 Sample : K2481-16
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW9

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\SOM2WLM042419S.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	68	74	83	rBV	82479	193560	10.18%	1.343%
2	2.617	115	117	119	rBV3	4472	4575	0.24%	0.032%
3	2.891	155	162	175	rBV	70547	190301	10.00%	1.320%
4	3.812	311	313	314	rBV2	1468	977	0.05%	0.007%
5	4.007	335	345	361	rBV	192805	668989	35.17%	4.640%
6	4.287	389	391	394	rBV2	874	1228	0.06%	0.009%
7	4.403	400	410	418	rBV4	5059	15100	0.79%	0.105%
8	4.519	426	429	431	rBV4	1048	1148	0.06%	0.008%
9	4.586	437	440	443	rBV4	994	943	0.05%	0.007%
10	4.915	480	494	508	rBV3	23549	102062	5.37%	0.708%
11	5.348	562	565	568	rBV3	840	1017	0.05%	0.007%
12	5.397	571	573	576	rVB	971	972	0.05%	0.007%
13	5.434	576	579	582	rBV3	787	1315	0.07%	0.009%
14	5.592	601	605	608	rVB2	892	1414	0.07%	0.010%
15	5.629	608	611	617	rBV4	1047	1733	0.09%	0.012%
16	5.921	652	659	660	rBV5	3368	5663	0.30%	0.039%
17	6.482	748	751	755	rBV2	793	1193	0.06%	0.008%
18	6.671	780	782	784	rVB2	1209	950	0.05%	0.007%
19	6.702	784	787	790	rBV2	833	1276	0.07%	0.009%
20	6.927	822	824	828	rVB	996	1028	0.05%	0.007%
21	7.074	840	848	861	rBV2	46696	135065	7.10%	0.937%
22	7.256	871	878	889	rVB	25558	65344	3.44%	0.453%
23	7.378	896	898	902	rBV3	828	1041	0.05%	0.007%
24	7.647	930	942	956	rVB	336412	815081	42.85%	5.654%
25	7.878	979	980	986	rVB3	1045	1137	0.06%	0.008%
26	7.945	986	991	994	rBV5	2032	2695	0.14%	0.019%
27	8.268	1035	1044	1061	rVV2	653285	1902082	100.00%	13.194%
28	8.390	1061	1064	1066	rVV4	1482	1530	0.08%	0.011%
29	8.616	1099	1101	1102	rBV2	1066	925	0.05%	0.006%
30	8.683	1110	1112	1116	rVB3	1119	1017	0.05%	0.007%
31	8.842	1129	1138	1149	rBV	694050	1354035	71.19%	9.392%
32	9.049	1166	1172	1173	rBV5	2401	2960	0.16%	0.021%
33	9.079	1173	1177	1185	rVV10	4459	10443	0.55%	0.072%
34	9.274	1200	1209	1219	rBV	441170	903216	47.49%	6.265%

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 Title : VOC Analysis

35	9.537	1250	1252	1256	rBV2	888	1087	0.06%	0.008%
36	9.658	1268	1272	1273	rBV2	1765	2011	0.11%	0.014%
37	9.756	1283	1288	1294	rVB6	1549	3690	0.19%	0.026%
38	9.841	1299	1302	1304	rBV2	950	1080	0.06%	0.007%
39	9.890	1304	1310	1315	rVB7	3076	6274	0.33%	0.044%
40	10.036	1325	1334	1343	rBV	228057	416181	21.88%	2.887%
41	10.122	1346	1348	1356	rVB6	1463	2784	0.15%	0.019%
42	10.250	1365	1369	1372	rVB4	2147	3011	0.16%	0.021%
43	10.323	1372	1381	1389	rBV	926836	1623115	85.33%	11.259%
44	10.384	1389	1391	1400	rVB3	7941	12495	0.66%	0.087%
45	10.579	1415	1423	1431	rBV	143892	252458	13.27%	1.751%
46	10.707	1438	1444	1449	rBV	6662	8481	0.45%	0.059%
47	10.853	1462	1468	1473	rBV9	2912	6304	0.33%	0.044%
48	10.927	1473	1480	1492	rBV	204292	346107	18.20%	2.401%
49	11.073	1499	1504	1511	rVB7	5886	10801	0.57%	0.075%
50	11.305	1539	1542	1545	rVV3	820	1087	0.06%	0.008%
51	11.329	1545	1546	1550	rVV4	819	1216	0.06%	0.008%
52	11.402	1553	1558	1563	rVB5	2550	4864	0.26%	0.034%
53	11.506	1572	1575	1577	rBV2	1014	1194	0.06%	0.008%
54	11.634	1587	1596	1611	rBV	976825	1637054	86.07%	11.355%
55	11.841	1626	1630	1639	rVV6	3684	9372	0.49%	0.065%
56	11.908	1639	1641	1644	rVB2	1325	1284	0.07%	0.009%
57	12.042	1659	1663	1667	rVB4	857	1386	0.07%	0.010%
58	12.140	1678	1679	1680	rBV	1389	991	0.05%	0.007%
59	12.170	1680	1684	1691	rVB6	3206	6459	0.34%	0.045%
60	12.341	1707	1712	1714	rBV2	1948	2412	0.13%	0.017%
61	12.463	1728	1732	1734	rVV3	1507	2009	0.11%	0.014%
62	12.481	1734	1735	1737	rVV	1783	919	0.05%	0.006%
63	12.542	1742	1745	1748	rBV5	1370	1345	0.07%	0.009%
64	12.615	1748	1757	1762	rVB3	14741	26834	1.41%	0.186%
65	12.694	1762	1770	1779	rBV	311239	498735	26.22%	3.459%
66	12.877	1794	1800	1801	rBV3	1267	2398	0.13%	0.017%
67	12.938	1806	1810	1815	rVV5	2885	5062	0.27%	0.035%
68	13.109	1835	1838	1839	rBV3	1042	1160	0.06%	0.008%
69	13.164	1844	1847	1849	rVV4	1012	1294	0.07%	0.009%
70	13.194	1849	1852	1856	rVV4	2688	3690	0.19%	0.026%
71	13.249	1859	1861	1863	rVV3	2279	1924	0.10%	0.013%

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72	13.310	1866	1871	1872	rBV5	2162	2713	0.14%	0.019%
73	13.408	1882	1887	1892	rVB3	5631	9917	0.52%	0.069%
74	13.475	1892	1898	1901	rBV6	5036	9695	0.51%	0.067%
75	13.518	1901	1905	1906	rBV4	1605	2359	0.12%	0.016%
76	13.560	1906	1912	1919	rBV	925040	1443857	75.91%	10.015%
77	13.652	1924	1927	1934	rVB2	10518	16130	0.85%	0.112%
78	13.767	1942	1946	1952	rVB6	4293	7065	0.37%	0.049%
79	13.853	1952	1960	1968	rBV	777757	1304504	68.58%	9.049%
80	13.908	1968	1969	1972	rVB3	4070	3101	0.16%	0.022%
81	14.017	1985	1987	1990	rBV4	2038	2756	0.14%	0.019%
82	14.042	1990	1991	1993	rVV2	2013	1606	0.08%	0.011%
83	14.078	1993	1997	2003	rVB	10550	16152	0.85%	0.112%
84	14.334	2033	2039	2045	rBV6	10905	17525	0.92%	0.122%
85	14.493	2061	2065	2068	rBV5	1631	2728	0.14%	0.019%
86	14.523	2068	2070	2076	rVV5	3515	6178	0.32%	0.043%
87	14.633	2087	2088	2094	rVB3	1436	1885	0.10%	0.013%
88	14.725	2101	2103	2109	rVV5	2299	3218	0.17%	0.022%
89	15.139	2167	2171	2173	rBV4	1966	2438	0.13%	0.017%
90	15.188	2175	2179	2187	rVB9	3522	7001	0.37%	0.049%
91	15.261	2190	2191	2197	rVB4	1813	2099	0.11%	0.015%
92	15.371	2203	2209	2214	rVV	19075	35630	1.87%	0.247%
93	15.444	2216	2221	2227	rVV2	48065	85394	4.49%	0.592%
94	15.505	2228	2231	2236	rVB2	4512	7649	0.40%	0.053%
95	15.663	2255	2257	2259	rBV3	1883	1908	0.10%	0.013%
96	15.810	2276	2281	2284	rBV5	5762	10179	0.54%	0.071%
97	15.962	2304	2306	2308	rBV3	2684	3322	0.17%	0.023%
98	16.096	2325	2328	2329	rBV3	1192	1327	0.07%	0.009%
99	16.456	2380	2387	2394	rVB2	29814	63947	3.36%	0.444%
100	16.657	2413	2420	2427	rVB	20076	43602	2.29%	0.302%

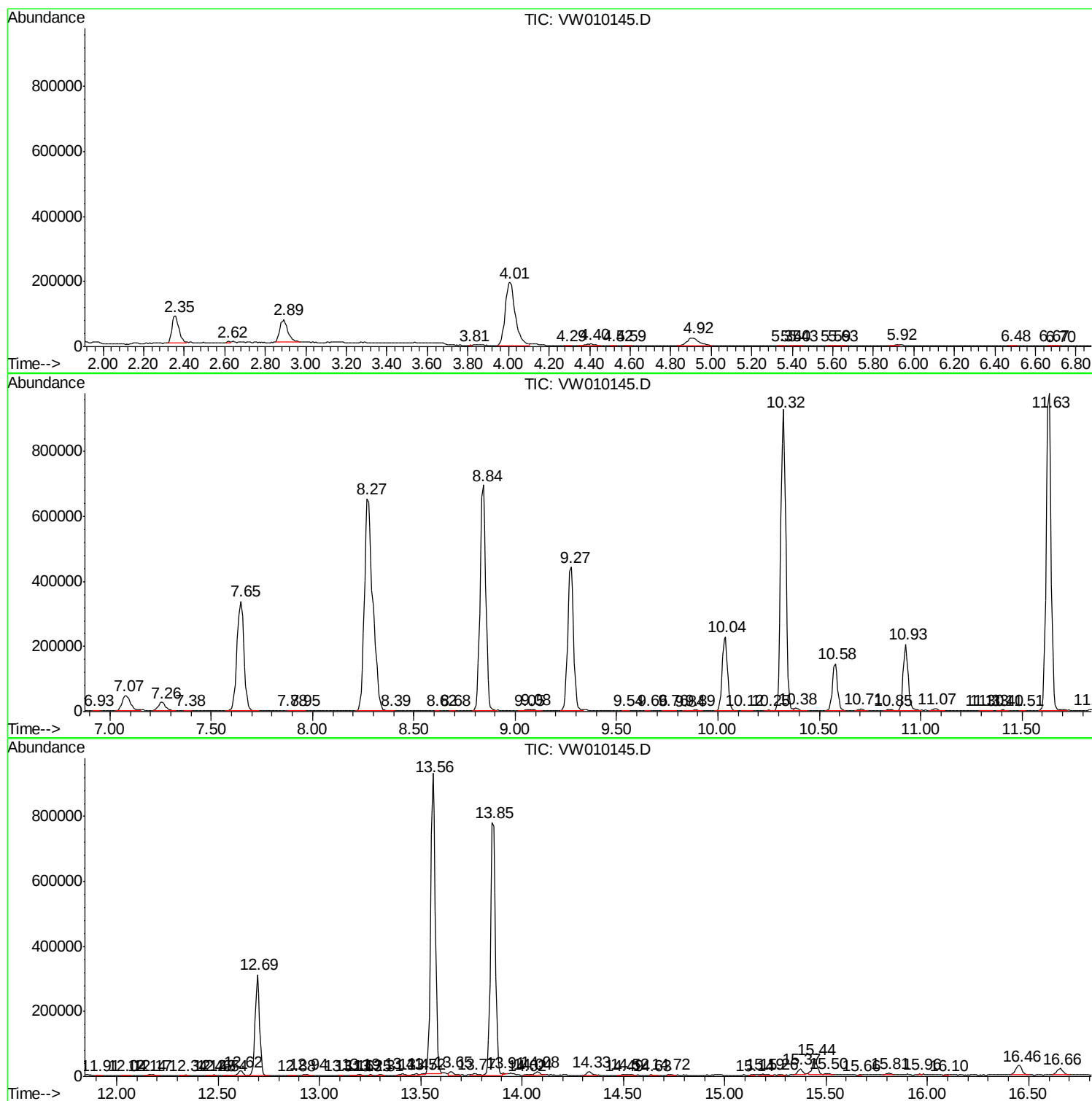
Sum of corrected areas: 14416468

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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



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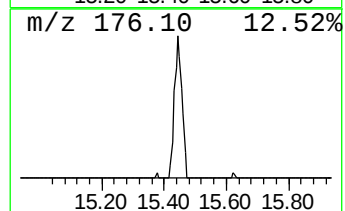
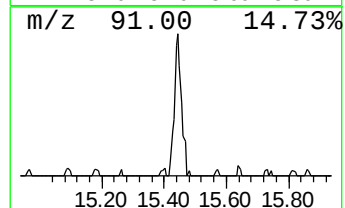
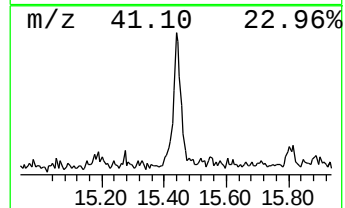
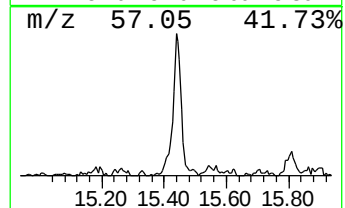
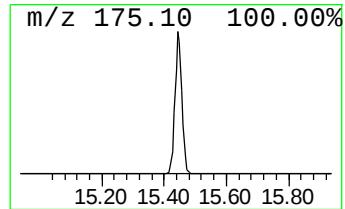
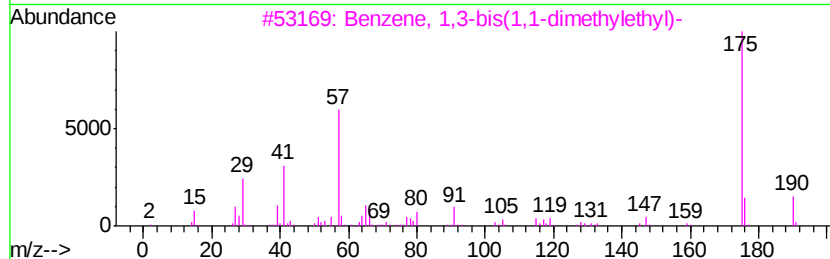
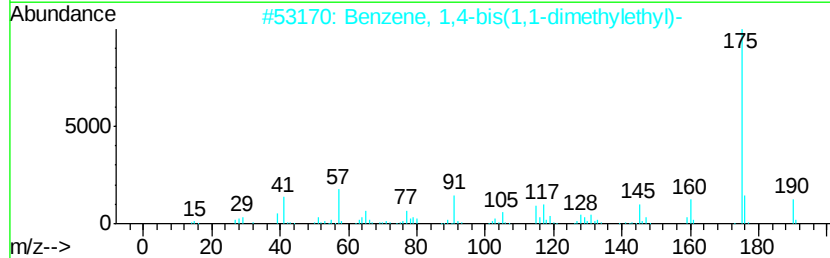
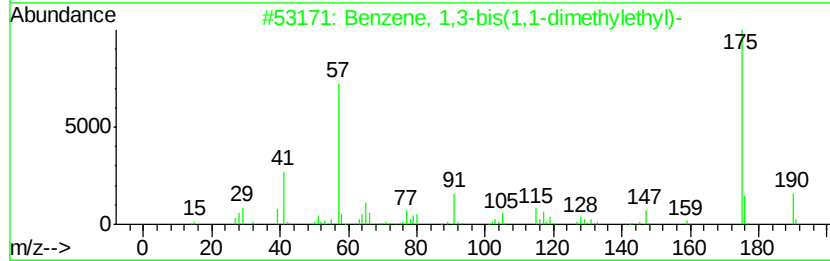
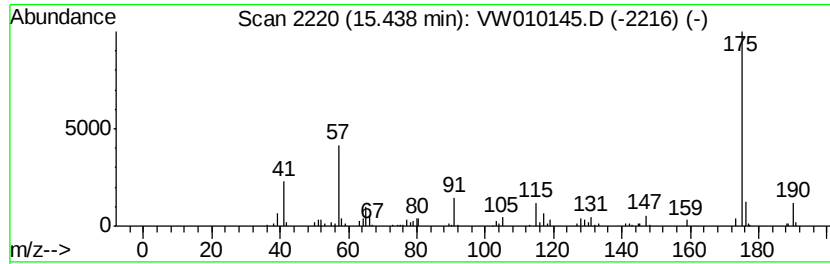
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.48 ug/L	85394	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	87
2		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	83
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	74
4		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72
5		2H-1,3-Benzimidazol-2-one, 5-[[...]	276	C11H16N8O	1000351-18-3	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bis(...	15.44	1.5	ug/L	85394	3	13.56	1443860	25.0