

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014294.D
 Acq On : 10 Dec 2019 20:40
 Operator : SY/VA
 Sample : K6172-19
 Misc : 4.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C21

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	1.959	5	9	22	rVB3	16377	43695	1.05%	0.172%
2	2.075	27	28	32	rBV4	1467	1333	0.03%	0.005%
3	2.154	36	41	47	rBV	13027	27737	0.67%	0.109%
4	2.349	67	73	82	rVB	348525	613238	14.80%	2.409%
5	2.885	154	161	178	rVB	227300	550285	13.28%	2.161%
6	3.196	211	212	215	rVB2	1333	1223	0.03%	0.005%
7	3.367	238	240	243	rBV3	1406	1727	0.04%	0.007%
8	3.483	254	259	262	rVV7	1577	2878	0.07%	0.011%
9	3.519	262	265	267	rBV4	1372	1985	0.05%	0.008%
10	3.593	275	277	279	rVB2	1627	1319	0.03%	0.005%
11	3.666	286	289	294	rBV6	844	1706	0.04%	0.007%
12	3.910	327	329	332	rVB4	733	759	0.02%	0.003%
13	4.013	332	346	359	rBV	424786	1394599	33.65%	5.478%
14	4.239	381	383	385	rVB3	1538	1285	0.03%	0.005%
15	4.379	400	406	418	rVB7	5269	17336	0.42%	0.068%
16	4.605	438	443	450	rBV8	1472	4576	0.11%	0.018%
17	4.916	483	494	506	rBV2	15010	56261	1.36%	0.221%
18	5.013	508	510	515	rVB2	612	747	0.02%	0.003%
19	5.098	519	524	525	rBV3	713	990	0.02%	0.004%
20	5.123	526	528	531	rBV4	767	1066	0.03%	0.004%
21	5.233	543	546	548	rBV2	1034	974	0.02%	0.004%
22	5.562	598	600	604	rBV3	518	748	0.02%	0.003%
23	5.696	617	622	624	rVB2	775	1228	0.03%	0.005%
24	5.739	624	629	630	rBV4	1403	2269	0.05%	0.009%
25	5.763	630	633	634	rBV3	870	860	0.02%	0.003%
26	5.940	654	662	670	rVB6	5117	15005	0.36%	0.059%
27	6.080	683	685	688	rBV2	570	872	0.02%	0.003%
28	6.147	693	696	697	rVV3	796	892	0.02%	0.004%
29	6.184	700	702	709	rVB4	1101	2009	0.05%	0.008%
30	6.379	730	734	735	rBV3	637	995	0.02%	0.004%
31	6.549	761	762	767	rVB3	771	1046	0.03%	0.004%
32	6.641	774	777	778	rBV3	999	909	0.02%	0.004%
33	7.074	839	848	853	rBV	113034	312590	7.54%	1.228%
34	7.464	911	912	915	rVB3	1243	753	0.02%	0.003%

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 Title : VOC Analysis

35	7.525	919	922	923	rVV3	1483	1579	0.04%	0.006%
36	7.543	923	925	929	rVB4	2566	2764	0.07%	0.011%
37	7.647	930	942	953	rBV	692725	1700783	41.03%	6.680%
38	7.945	987	991	994	rVV5	2947	3845	0.09%	0.015%
39	8.269	1030	1044	1064	rBV2	1423313	4144797	100.00%	16.279%
40	8.488	1078	1080	1084	rVB5	2096	1925	0.05%	0.008%
41	8.628	1100	1103	1106	rVB4	1622	1555	0.04%	0.006%
42	8.701	1109	1115	1119	rVB4	2651	5482	0.13%	0.022%
43	8.768	1122	1126	1128	rBV4	687	819	0.02%	0.003%
44	8.842	1128	1138	1150	rBV	1209371	2396711	57.82%	9.414%
45	9.031	1167	1169	1171	rBV3	2253	2861	0.07%	0.011%
46	9.146	1186	1188	1191	rVB3	1446	1167	0.03%	0.005%
47	9.268	1199	1208	1221	rBV	970306	1992397	48.07%	7.826%
48	9.531	1249	1251	1253	rVB3	934	821	0.02%	0.003%
49	9.579	1257	1259	1260	rBV2	1039	787	0.02%	0.003%
50	9.762	1285	1289	1292	rBV4	1555	2474	0.06%	0.010%
51	9.811	1294	1297	1298	rBV2	1249	1170	0.03%	0.005%
52	9.890	1307	1310	1313	rVB5	2668	2982	0.07%	0.012%
53	9.982	1323	1325	1326	rBV2	1765	1408	0.03%	0.006%
54	10.030	1326	1333	1346	rVV	387413	708018	17.08%	2.781%
55	10.213	1356	1363	1369	rBV4	9309	18871	0.46%	0.074%
56	10.323	1373	1381	1390	rBV	1785504	3168593	76.45%	12.445%
57	10.573	1416	1422	1436	rVB	224009	397440	9.59%	1.561%
58	10.701	1437	1443	1450	rVB	96337	175357	4.23%	0.689%
59	10.780	1454	1456	1457	rBV2	3121	1999	0.05%	0.008%
60	10.921	1473	1479	1497	rBV	416202	740216	17.86%	2.907%
61	11.061	1497	1502	1510	rVV	44268	74166	1.79%	0.291%
62	11.439	1558	1564	1571	rVB	71018	122969	2.97%	0.483%
63	11.524	1576	1578	1579	rBV2	2495	1836	0.04%	0.007%
64	11.628	1588	1595	1609	rVB	1372218	2310670	55.75%	9.076%
65	12.170	1680	1684	1689	rVB5	3855	6721	0.16%	0.026%
66	12.341	1708	1712	1715	rBV6	1804	2782	0.07%	0.011%
67	12.420	1723	1725	1727	rVB2	942	765	0.02%	0.003%
68	12.469	1729	1733	1735	rBV4	2408	2645	0.06%	0.010%
69	12.609	1748	1756	1762	rBV	183382	306972	7.41%	1.206%
70	12.689	1762	1769	1777	rVV	652242	1061388	25.61%	4.169%
71	12.756	1777	1780	1788	rVB9	4199	8498	0.21%	0.033%

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Integration Parameters: LSCINT.P

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72	12.932	1804	1809	1817	rVB2	18926	30101	0.73%	0.118%
73	13.036	1823	1826	1829	rVB4	2819	3260	0.08%	0.013%
74	13.079	1829	1833	1838	rVB7	2387	4437	0.11%	0.017%
75	13.188	1844	1851	1855	rBV3	4756	10573	0.26%	0.042%
76	13.292	1863	1868	1875	rVB3	23698	39823	0.96%	0.156%
77	13.402	1880	1886	1891	rBV3	9625	17432	0.42%	0.068%
78	13.475	1893	1898	1900	rBV5	6417	9820	0.24%	0.039%
79	13.505	1900	1903	1904	rBV2	3286	3276	0.08%	0.013%
80	13.554	1905	1911	1918	rBV	672127	1094455	26.41%	4.299%
81	13.762	1941	1945	1948	rBV5	7265	9857	0.24%	0.039%
82	13.804	1948	1952	1953	rBV4	3488	4511	0.11%	0.018%
83	13.853	1953	1960	1967	rBV	949441	1566952	37.81%	6.154%
84	14.066	1990	1995	2001	rVB	57200	95928	2.31%	0.377%
85	14.182	2010	2014	2015	rBV4	4241	5870	0.14%	0.023%
86	14.249	2023	2025	2028	rBV4	1417	1462	0.04%	0.006%
87	14.322	2035	2037	2041	rVB3	5943	6899	0.17%	0.027%
88	14.627	2085	2087	2091	rVB5	2206	2533	0.06%	0.010%
89	14.676	2093	2095	2098	rBV4	1133	1079	0.03%	0.004%
90	14.731	2099	2104	2106	rVB5	4989	6544	0.16%	0.026%
91	14.920	2133	2135	2136	rBV2	1700	1443	0.03%	0.006%
92	15.030	2151	2153	2156	rBV3	1949	2389	0.06%	0.009%
93	15.091	2161	2163	2167	rBV5	2200	3502	0.08%	0.014%
94	15.432	2211	2219	2225	rBV	42506	80460	1.94%	0.316%
95	15.499	2225	2230	2233	rVV2	3588	6067	0.15%	0.024%
96	15.639	2251	2253	2257	rBV5	1485	1292	0.03%	0.005%
97	15.688	2257	2261	2263	rBV5	2300	3960	0.10%	0.016%
98	15.840	2284	2286	2290	rVB3	1956	2172	0.05%	0.009%
99	16.737	2431	2433	2434	rBV2	1587	1161	0.03%	0.005%
100	16.755	2434	2436	2438	rVB3	1508	900	0.02%	0.004%

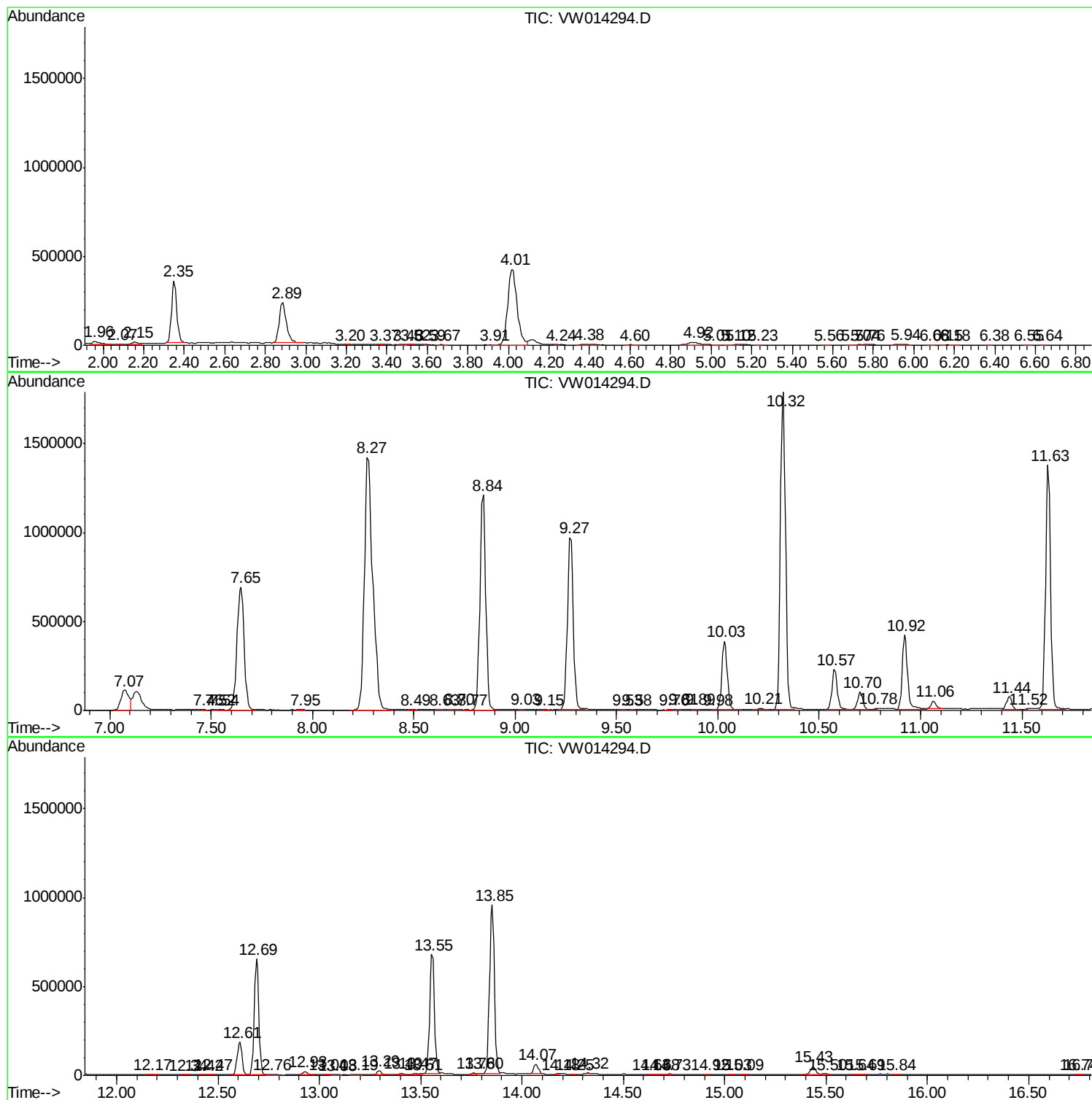
Sum of corrected areas: 25460286

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ALS Vial : 1 Sample Multiplier: 1

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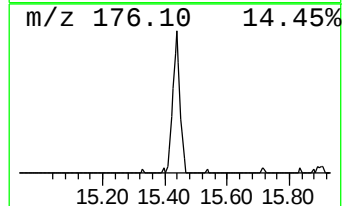
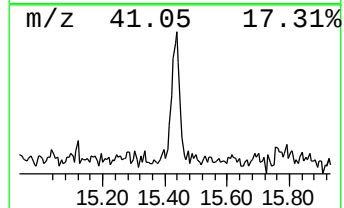
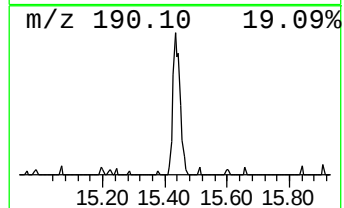
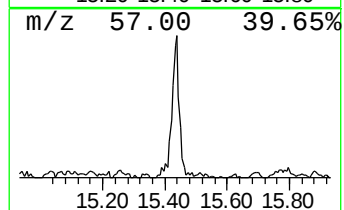
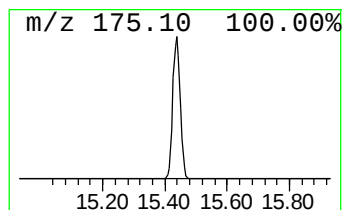
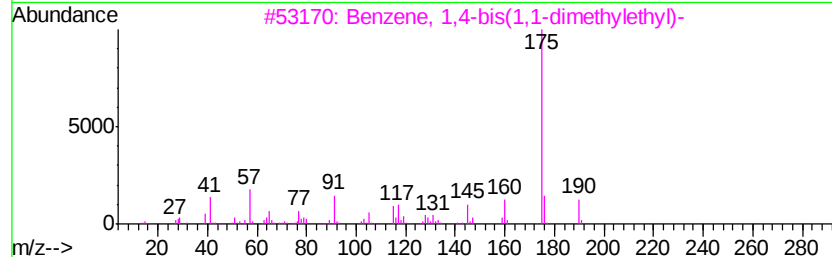
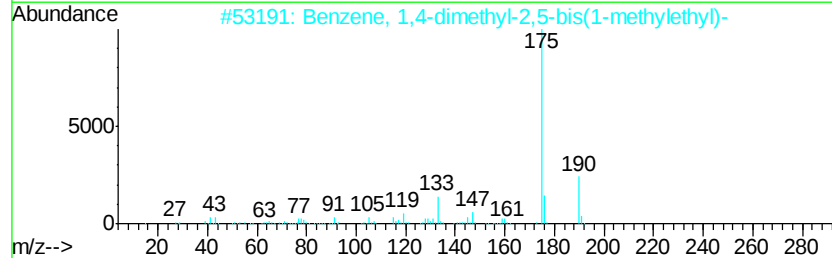
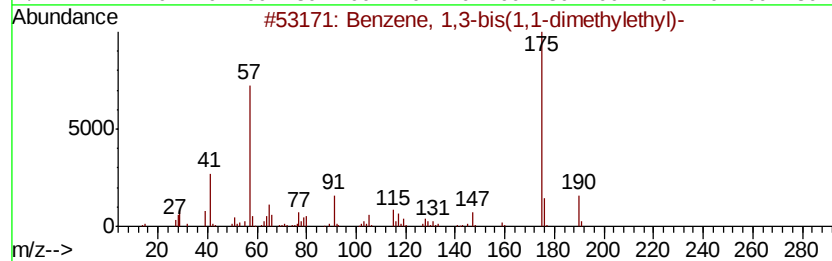
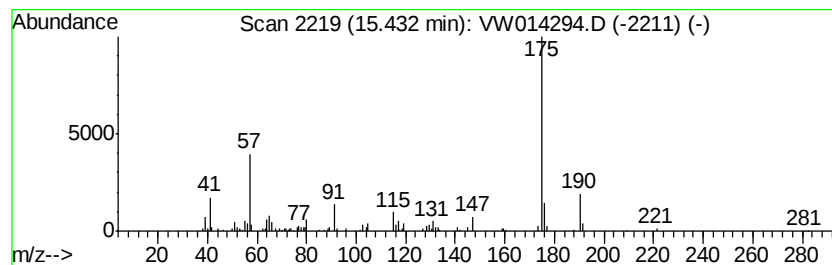
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	1.84 ug/L	80460	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	91
2		Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	90
3		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	87
4		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	83
5		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc

Benzene, 1,3-bis(...	15.43	1.8	ug/L	80460	3	13.56	1094460	25.0