

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014397.D
 Acq On : 17 Dec 2019 17:15
 Operator : SY/VA
 Sample : K6277-14RE
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C53RE

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	14	rVB3	8658	14693	0.49%	0.079%
2	2.148	36	40	44	rBV3	13644	24446	0.81%	0.131%
3	2.349	67	73	85	rBV	219925	395808	13.15%	2.124%
4	2.885	154	161	176	rBV	152424	391325	13.00%	2.100%
5	3.373	238	241	247	rBV7	1414	3239	0.11%	0.017%
6	3.495	256	261	266	rBV6	1800	4098	0.14%	0.022%
7	3.556	269	271	275	rVB5	1235	1298	0.04%	0.007%
8	3.672	287	290	292	rBV3	722	914	0.03%	0.005%
9	3.836	316	317	320	rBV3	1058	865	0.03%	0.005%
10	3.903	325	328	330	rBV2	740	1100	0.04%	0.006%
11	4.019	333	347	372	rBV	292598	982719	32.66%	5.273%
12	4.403	401	410	415	rBV6	3812	10476	0.35%	0.056%
13	4.513	426	428	432	rVB2	1238	1591	0.05%	0.009%
14	4.580	435	439	441	rBV2	715	1199	0.04%	0.006%
15	4.641	446	449	452	rVB4	762	1100	0.04%	0.006%
16	4.848	480	483	484	rBV3	731	834	0.03%	0.004%
17	4.915	484	494	508	rBV3	17417	66662	2.22%	0.358%
18	5.141	529	531	532	rBV2	1198	1075	0.04%	0.006%
19	5.281	552	554	557	rVB2	785	974	0.03%	0.005%
20	5.318	557	560	562	rBV2	727	1075	0.04%	0.006%
21	5.738	626	629	630	rBV3	893	826	0.03%	0.004%
22	5.775	633	635	636	rVV2	1121	1047	0.03%	0.006%
23	5.793	636	638	645	rVB4	1651	2969	0.10%	0.016%
24	5.934	652	661	671	rBV7	5872	18765	0.62%	0.101%
25	6.251	710	713	715	rVB2	703	849	0.03%	0.005%
26	6.781	796	800	803	rBV4	635	963	0.03%	0.005%
27	6.885	813	817	818	rVB2	1087	1009	0.03%	0.005%
28	6.909	818	821	822	rBV2	790	989	0.03%	0.005%
29	7.074	837	848	853	rBV	104784	271235	9.01%	1.455%
30	7.317	886	888	891	rBV4	600	849	0.03%	0.005%
31	7.512	917	920	921	rBV3	971	907	0.03%	0.005%
32	7.531	921	923	926	rVV3	1339	1394	0.05%	0.007%
33	7.647	929	942	955	rBV	512193	1266342	42.08%	6.795%
34	7.848	974	975	978	rVB2	1274	844	0.03%	0.005%

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 Title : VOC Analysis

35	7.884	978	981	984	rBV2	936	1499	0.05%	0.008%
36	8.153	1021	1025	1028	rVB	1166	1065	0.04%	0.006%
37	8.189	1028	1031	1032	rBV2	871	954	0.03%	0.005%
38	8.275	1032	1045	1059	rBV2	1013548	3009207	100.00%	16.147%
39	8.409	1065	1067	1071	rVB5	1563	1789	0.06%	0.010%
40	8.524	1084	1086	1090	rBV5	1026	1307	0.04%	0.007%
41	8.695	1108	1114	1120	rVB6	1688	3932	0.13%	0.021%
42	8.842	1129	1138	1149	rBV	946408	1867045	62.04%	10.018%
43	9.079	1166	1177	1183	rBV9	5429	15459	0.51%	0.083%
44	9.274	1197	1209	1218	rBV	725536	1492178	49.59%	8.007%
45	9.665	1268	1273	1280	rVB6	2555	5956	0.20%	0.032%
46	9.756	1282	1288	1292	rBV7	2375	4829	0.16%	0.026%
47	9.890	1303	1310	1314	rBV7	5927	11610	0.39%	0.062%
48	9.963	1321	1322	1325	rBV3	1011	915	0.03%	0.005%
49	10.030	1325	1333	1344	rVV	287767	532172	17.68%	2.856%
50	10.213	1357	1363	1367	rBV2	5346	10329	0.34%	0.055%
51	10.323	1373	1381	1389	rBV	1217698	2122059	70.52%	11.387%
52	10.573	1415	1422	1433	rBV	172321	313089	10.40%	1.680%
53	10.701	1437	1443	1449	rBV	37222	67762	2.25%	0.364%
54	10.768	1449	1454	1457	rBV6	1655	3500	0.12%	0.019%
55	10.835	1463	1465	1467	rBV3	1284	1347	0.04%	0.007%
56	10.920	1473	1479	1496	rBV	366612	658434	21.88%	3.533%
57	11.061	1497	1502	1513	rVB	23850	49337	1.64%	0.265%
58	11.170	1515	1520	1524	rBV5	4217	7046	0.23%	0.038%
59	11.439	1559	1564	1570	rVB	32077	53107	1.76%	0.285%
60	11.518	1573	1577	1579	rBV4	2536	3713	0.12%	0.020%
61	11.628	1588	1595	1605	rBV	1029223	1740113	57.83%	9.337%
62	11.914	1641	1642	1644	rBV2	1448	860	0.03%	0.005%
63	12.176	1683	1685	1690	rVB6	2988	3709	0.12%	0.020%
64	12.371	1716	1717	1721	rVB3	1029	1232	0.04%	0.007%
65	12.609	1748	1756	1762	rVB	90198	154059	5.12%	0.827%
66	12.688	1762	1769	1777	rBV	530328	869240	28.89%	4.664%
67	12.762	1778	1781	1786	rVV4	3733	5487	0.18%	0.029%
68	12.847	1793	1795	1798	rBV3	915	1268	0.04%	0.007%
69	12.932	1805	1809	1816	rVB2	13280	21731	0.72%	0.117%
70	13.036	1820	1826	1829	rBV7	3537	5563	0.18%	0.030%
71	13.079	1829	1833	1838	rVB6	3504	4994	0.17%	0.027%

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Integration Parameters: LSCINT.P

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72	13.158	1843	1846	1848	rBV4	1153	1380	0.05%	0.007%
73	13.194	1848	1852	1857	rBV5	3546	6262	0.21%	0.034%
74	13.298	1863	1869	1877	rVB	14310	24699	0.82%	0.133%
75	13.402	1880	1886	1892	rBV3	6726	12918	0.43%	0.069%
76	13.469	1892	1897	1901	rBV5	14978	26727	0.89%	0.143%
77	13.511	1901	1904	1905	rVV3	2512	2961	0.10%	0.016%
78	13.554	1905	1911	1924	rVV	486328	819134	27.22%	4.395%
79	13.761	1940	1945	1948	rBV4	7661	12673	0.42%	0.068%
80	13.798	1948	1951	1953	rVV4	5865	7594	0.25%	0.041%
81	13.853	1953	1960	1966	rVV	563885	944111	31.37%	5.066%
82	13.902	1966	1968	1972	rVB4	9588	12347	0.41%	0.066%
83	14.030	1985	1989	1991	rBV4	4221	6984	0.23%	0.037%
84	14.072	1991	1996	2010	rVB2	40050	81686	2.71%	0.438%
85	14.194	2010	2016	2025	rBV8	6588	17043	0.57%	0.091%
86	14.328	2034	2038	2041	rBV5	5038	8097	0.27%	0.043%
87	14.420	2051	2053	2055	rBV3	1263	1059	0.04%	0.006%
88	14.475	2060	2062	2063	rBV2	1258	1229	0.04%	0.007%
89	14.499	2063	2066	2067	rVV3	3263	3743	0.12%	0.020%
90	14.523	2067	2070	2075	rVV5	7734	12549	0.42%	0.067%
91	14.584	2078	2080	2084	rVB3	1953	2156	0.07%	0.012%
92	14.719	2098	2102	2108	rVB6	3401	6392	0.21%	0.034%
93	15.176	2175	2177	2179	rBV3	1427	1182	0.04%	0.006%
94	15.249	2187	2189	2191	rBV3	1688	1739	0.06%	0.009%
95	15.438	2211	2220	2225	rBV	49071	83075	2.76%	0.446%
96	15.487	2226	2228	2234	rVB3	4806	6487	0.22%	0.035%
97	15.694	2258	2262	2266	rVB7	2953	5242	0.17%	0.028%
98	15.731	2266	2268	2269	rBV2	1557	1118	0.04%	0.006%
99	15.767	2271	2274	2275	rBV3	2130	2721	0.09%	0.015%
100	16.474	2389	2390	2394	rVB4	1486	814	0.03%	0.004%

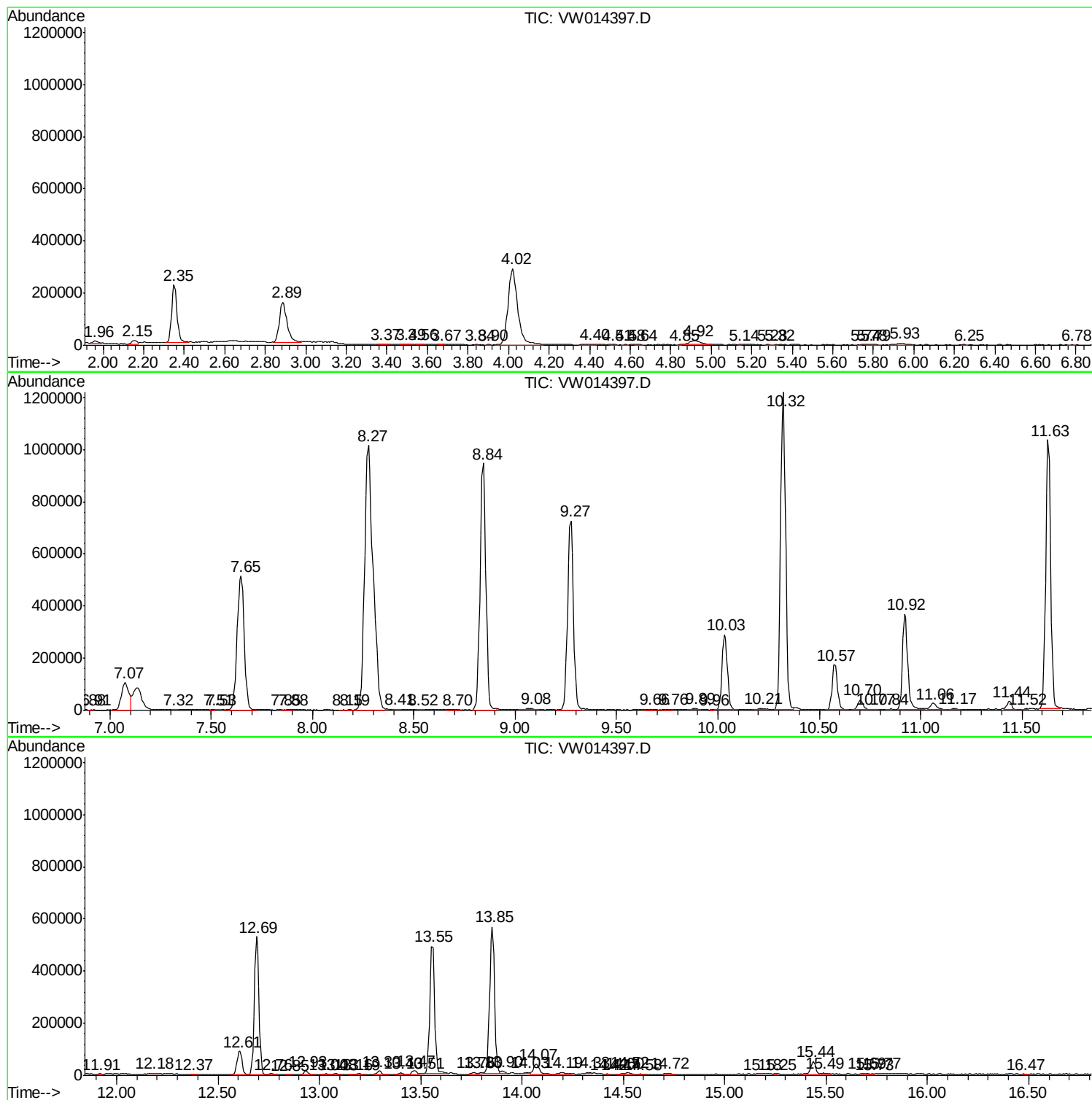
Sum of corrected areas: 18636497

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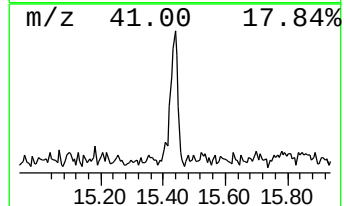
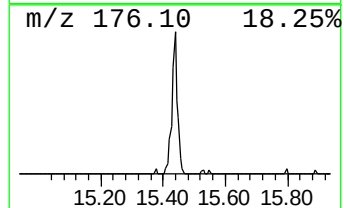
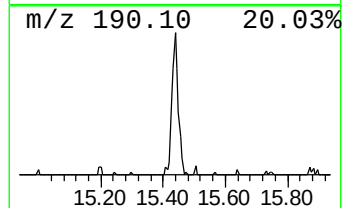
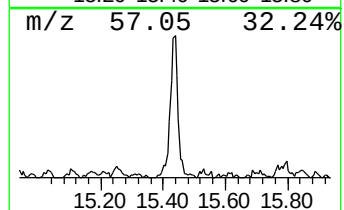
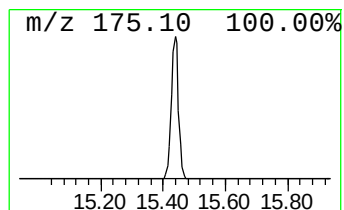
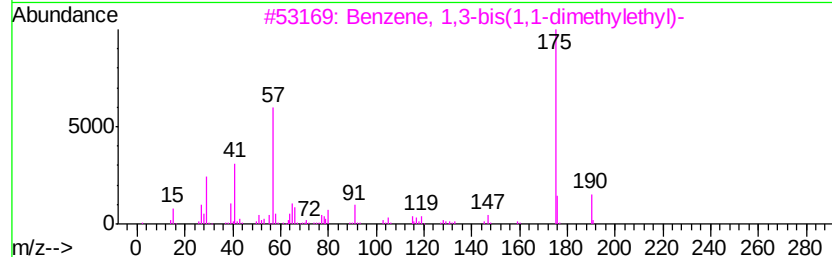
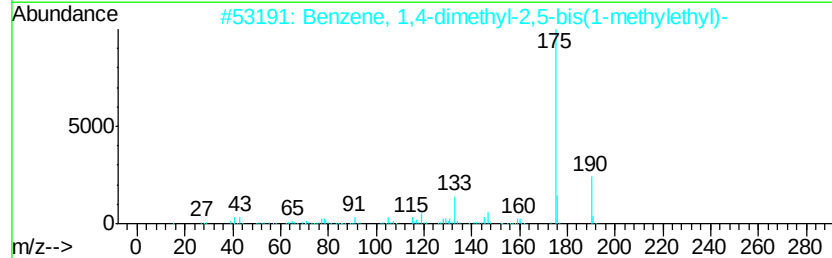
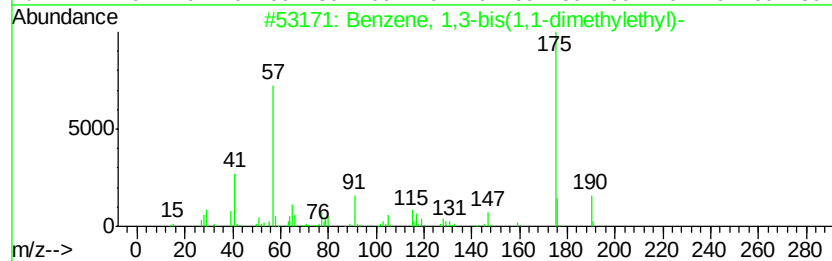
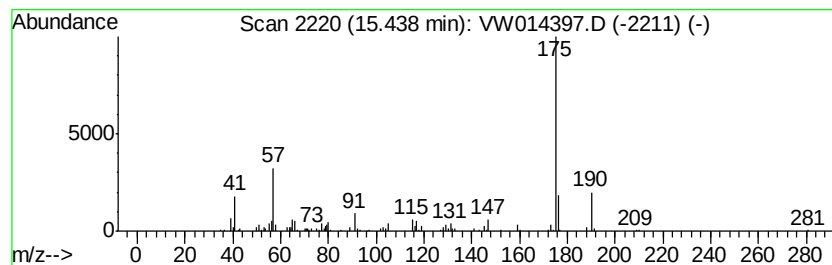
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.54 ug/L	83075	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-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	86
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	83
4		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	83
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bis(...	15.44	2.5	ug/L	83075	3	13.56	819134	25.0