

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014429.D
 Acq On : 18 Dec 2019 13:40
 Operator : SY/VA
 Sample : K6277-08RE
 Misc : 3.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C68RE

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	6	9	25	rVB5	18505	61056	2.09%	0.324%
2	2.154	37	41	49	rBV	12121	32068	1.10%	0.170%
3	2.349	67	73	84	rVB	202241	368068	12.57%	1.953%
4	2.885	154	161	178	rVB	146414	371746	12.70%	1.973%
5	3.263	221	223	226	rVB	1229	990	0.03%	0.005%
6	3.294	226	228	232	rVB4	1058	1301	0.04%	0.007%
7	3.361	236	239	241	rBV2	1291	1239	0.04%	0.007%
8	3.385	241	243	250	rVB5	2004	3553	0.12%	0.019%
9	3.538	266	268	271	rBV3	1970	1935	0.07%	0.010%
10	3.611	278	280	283	rVB2	973	860	0.03%	0.005%
11	3.684	288	292	293	rBV3	1362	1470	0.05%	0.008%
12	3.733	298	300	304	rVB3	907	999	0.03%	0.005%
13	4.019	334	347	358	rBV	279712	903104	30.85%	4.793%
14	4.123	359	364	374	rVB	37976	99879	3.41%	0.530%
15	4.245	382	384	388	rBV4	988	1646	0.06%	0.009%
16	4.385	398	407	409	rBV5	5362	12054	0.41%	0.064%
17	4.470	417	421	425	rVB3	729	1131	0.04%	0.006%
18	4.726	458	463	467	rBV5	500	893	0.03%	0.005%
19	4.922	483	495	509	rBV2	14652	56089	1.92%	0.298%
20	5.446	579	581	584	rBV2	1089	983	0.03%	0.005%
21	5.714	621	625	627	rBV3	655	864	0.03%	0.005%
22	5.775	627	635	637	rBV4	4210	8598	0.29%	0.046%
23	5.940	653	662	672	rVB5	6253	19640	0.67%	0.104%
24	6.385	732	735	737	rVB2	1023	952	0.03%	0.005%
25	6.976	829	832	835	rBV4	667	972	0.03%	0.005%
26	7.074	838	848	853	rBV	81249	224741	7.68%	1.193%
27	7.299	883	885	887	rVB3	970	1019	0.03%	0.005%
28	7.354	892	894	899	rVB3	954	957	0.03%	0.005%
29	7.519	917	921	922	rBV3	1473	2002	0.07%	0.011%
30	7.647	931	942	954	rBV	503681	1257741	42.97%	6.675%
31	7.732	954	956	958	rVV2	1147	1236	0.04%	0.007%
32	7.897	981	983	985	rVV2	1001	1058	0.04%	0.006%
33	7.939	987	990	996	rVV7	2249	5033	0.17%	0.027%
34	8.275	1034	1045	1061	rBV2	1001265	2927331	100.00%	15.536%

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 Title : VOC Analysis

35	8.470	1075	1077	1080	rBV4	768	1026	0.04%	0.005%
36	8.610	1098	1100	1101	rBV	839	775	0.03%	0.004%
37	8.701	1107	1115	1117	rBV7	2277	4638	0.16%	0.025%
38	8.842	1127	1138	1153	rBV	1083600	2158889	73.75%	11.458%
39	9.274	1199	1209	1218	rBV	715507	1472464	50.30%	7.815%
40	9.537	1249	1252	1255	rBV3	587	809	0.03%	0.004%
41	9.579	1257	1259	1260	rBV2	1135	802	0.03%	0.004%
42	9.665	1268	1273	1276	rVB6	1899	3009	0.10%	0.016%
43	9.884	1302	1309	1315	rBV7	3233	7041	0.24%	0.037%
44	10.030	1326	1333	1345	rBV	262943	483331	16.51%	2.565%
45	10.213	1357	1363	1368	rBV6	4257	8483	0.29%	0.045%
46	10.323	1372	1381	1389	rBV	1243718	2212669	75.59%	11.743%
47	10.573	1416	1422	1434	rVB	141521	255243	8.72%	1.355%
48	10.701	1438	1443	1450	rVB2	15687	30439	1.04%	0.162%
49	10.921	1473	1479	1496	rBV	303096	545259	18.63%	2.894%
50	11.061	1497	1502	1510	rVV3	22791	41849	1.43%	0.222%
51	11.140	1513	1515	1516	rBV2	935	755	0.03%	0.004%
52	11.170	1518	1520	1521	rBV2	1571	778	0.03%	0.004%
53	11.292	1537	1540	1542	rBV4	1086	1792	0.06%	0.010%
54	11.439	1558	1564	1571	rVB3	12985	23008	0.79%	0.122%
55	11.494	1571	1573	1575	rBV3	717	826	0.03%	0.004%
56	11.524	1575	1578	1581	rBV3	867	1269	0.04%	0.007%
57	11.628	1587	1595	1608	rBV	1185540	2013025	68.77%	10.684%
58	11.841	1626	1630	1633	rBV5	2460	4336	0.15%	0.023%
59	12.091	1669	1671	1673	rBV2	1504	1618	0.06%	0.009%
60	12.164	1680	1683	1684	rBV2	2978	2948	0.10%	0.016%
61	12.237	1693	1695	1697	rBV3	1457	1451	0.05%	0.008%
62	12.317	1707	1708	1710	rBV2	1336	1255	0.04%	0.007%
63	12.341	1710	1712	1717	rVB5	1943	2231	0.08%	0.012%
64	12.463	1726	1732	1738	rVB9	2260	4824	0.16%	0.026%
65	12.506	1738	1739	1743	rVB2	1590	1565	0.05%	0.008%
66	12.603	1747	1755	1762	rBV	51973	91917	3.14%	0.488%
67	12.688	1762	1769	1777	rBV	471382	770541	26.32%	4.089%
68	12.762	1777	1781	1787	rVB5	3902	6767	0.23%	0.036%
69	12.865	1796	1798	1800	rVB2	1202	750	0.03%	0.004%
70	12.932	1803	1809	1817	rVB2	14522	24517	0.84%	0.130%
71	12.993	1817	1819	1822	rVB3	877	932	0.03%	0.005%

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Integration Parameters: LSCINT.P

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72	13.030	1823	1825	1828	rBV3	1398	1525	0.05%	0.008%
73	13.085	1830	1834	1836	rBV4	3233	3557	0.12%	0.019%
74	13.158	1844	1846	1848	rBV2	959	898	0.03%	0.005%
75	13.182	1848	1850	1853	rVV3	999	1190	0.04%	0.006%
76	13.243	1858	1860	1864	rVV4	2823	4511	0.15%	0.024%
77	13.292	1864	1868	1875	rVB4	10095	15454	0.53%	0.082%
78	13.408	1880	1887	1891	rBV6	4707	8769	0.30%	0.047%
79	13.481	1893	1899	1900	rBV5	2075	3261	0.11%	0.017%
80	13.554	1905	1911	1923	rVV	587688	977869	33.40%	5.190%
81	13.652	1923	1927	1933	rVB4	8047	12318	0.42%	0.065%
82	13.701	1933	1935	1940	rVB5	2376	3146	0.11%	0.017%
83	13.755	1940	1944	1948	rBV5	5737	10349	0.35%	0.055%
84	13.853	1953	1960	1967	rBV	634730	1045166	35.70%	5.547%
85	14.011	1984	1986	1987	rBV2	2378	2094	0.07%	0.011%
86	14.066	1991	1995	2001	rVB	34894	59763	2.04%	0.317%
87	14.194	2012	2016	2023	rVB9	4927	10610	0.36%	0.056%
88	14.328	2032	2038	2041	rBV4	8040	15063	0.51%	0.080%
89	14.524	2067	2070	2075	rVB6	6156	9887	0.34%	0.052%
90	14.621	2084	2086	2090	rVB4	1601	1760	0.06%	0.009%
91	14.725	2101	2103	2109	rVB6	3624	4944	0.17%	0.026%
92	14.786	2109	2113	2116	rBV3	1172	1806	0.06%	0.010%
93	14.871	2124	2127	2128	rBV3	1809	1551	0.05%	0.008%
94	15.097	2162	2164	2166	rBV2	1611	1669	0.06%	0.009%
95	15.298	2195	2197	2199	rVB2	1961	1399	0.05%	0.007%
96	15.322	2199	2201	2203	rVB3	1402	1169	0.04%	0.006%
97	15.438	2214	2220	2225	rVB	47018	78849	2.69%	0.418%
98	15.493	2225	2229	2234	rVB4	2906	4295	0.15%	0.023%
99	16.206	2344	2346	2347	rBV2	1781	1020	0.03%	0.005%
100	16.304	2360	2362	2364	rBV3	1370	1200	0.04%	0.006%

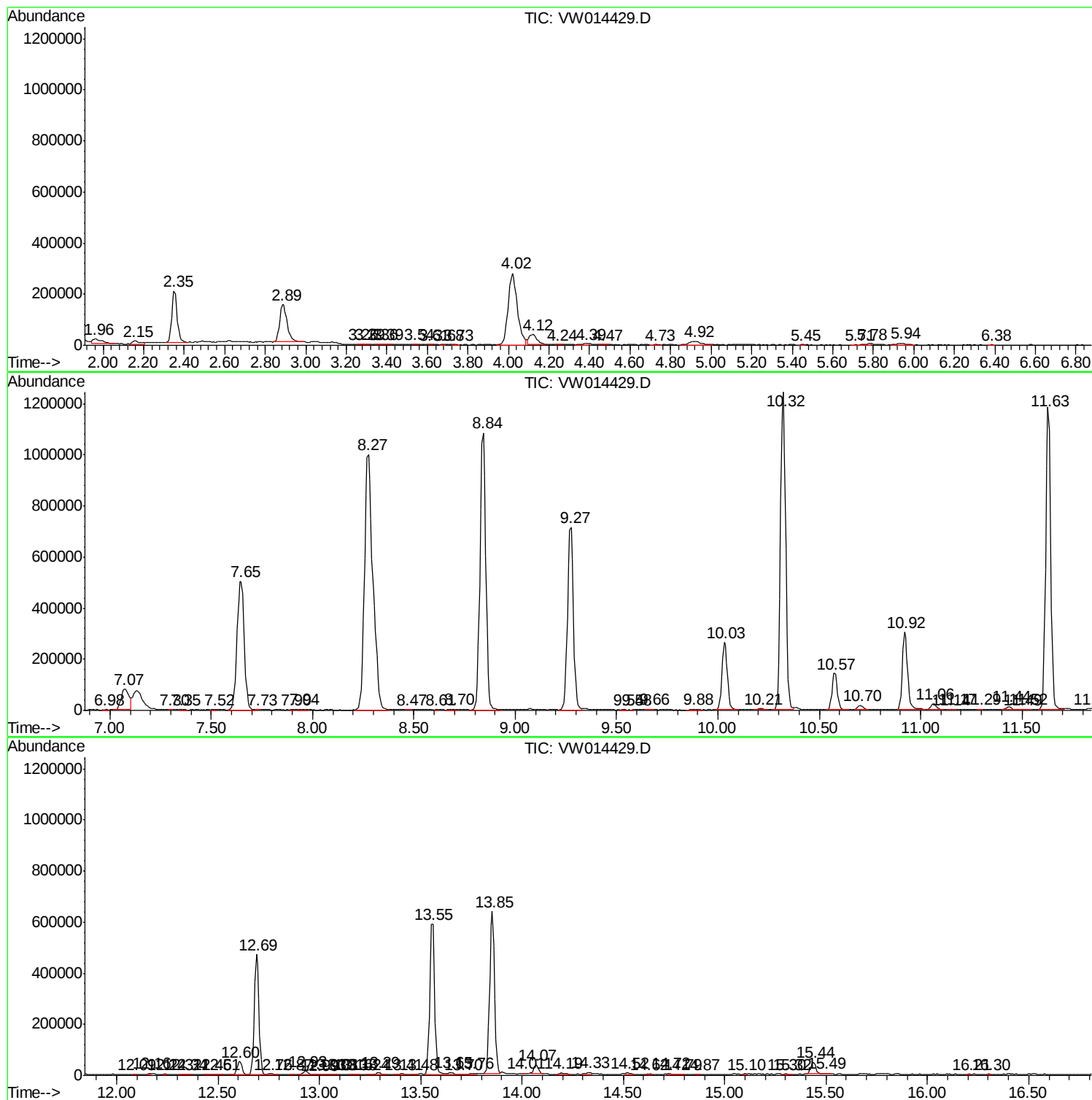
Sum of corrected areas: 18842131

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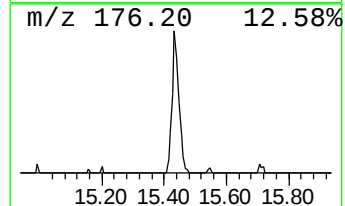
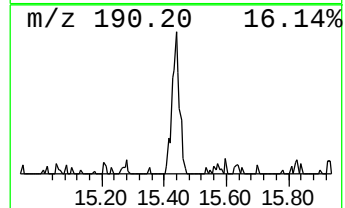
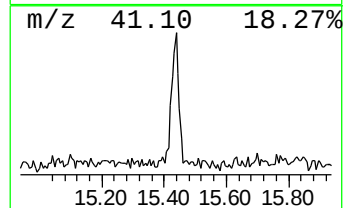
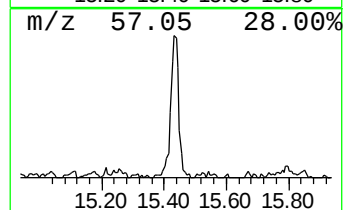
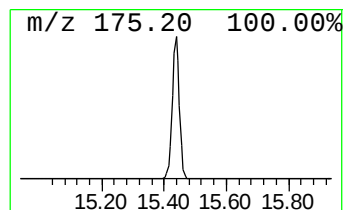
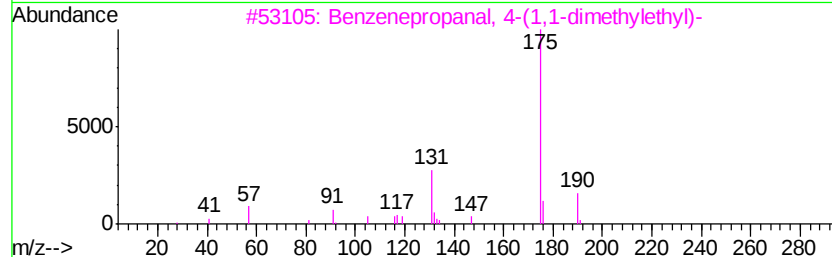
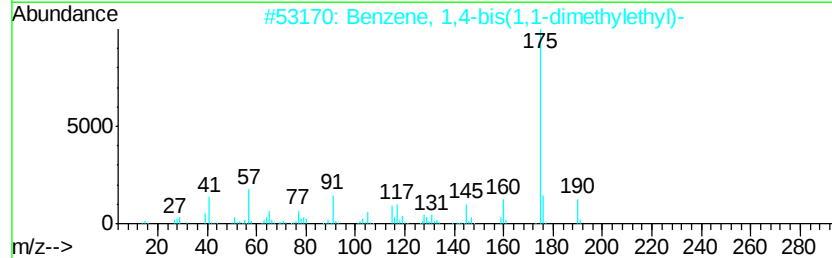
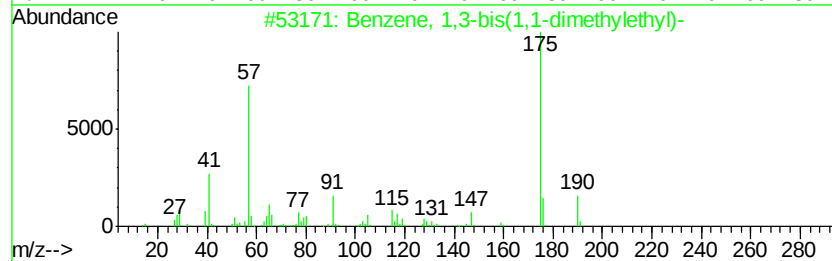
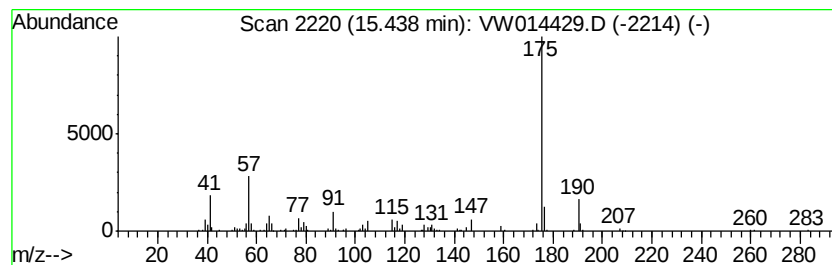
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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	2.02 ug/L	78849	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	95
2		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	87
3		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	86
4		Benzo[b]thiophene, 2-ethyl-5,7-dimethyl-	190	C12H14S	018428-05-2	64
5		Benzene, 1,5-dimethyl-2,4-bis(1,1-dimethylethyl)-	190	C14H22	005186-68-5	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-bis(...	15.44	2.0	ug/L	78849	3	13.56	977869	25.0