

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
 Data File : VV009866.D
 Acq On : 25 Mar 2019 17:32
 Operator : SY/MD
 Sample : K2016-20 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09F0

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_V\METHOD\SOMVLM032519WMA.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	1.209	31	37	45	rBV3	18858	26709	1.51%	0.335%
2	1.322	65	72	79	rBV	154865	147229	8.33%	1.847%
3	2.123	313	321	337	rVB	362710	526197	29.78%	6.600%
4	2.428	411	416	417	rBV2	1222	928	0.05%	0.012%
5	2.457	423	425	434	rVB3	1136	1128	0.06%	0.014%
6	2.618	467	475	480	rBV3	1997	2651	0.15%	0.033%
7	2.650	481	485	489	rBV3	1679	1459	0.08%	0.018%
8	2.766	518	521	527	rBV2	1510	1956	0.11%	0.025%
9	2.946	572	577	585	rVB3	1845	2636	0.15%	0.033%
10	2.997	591	593	597	rVV2	1083	587	0.03%	0.007%
11	3.045	606	608	614	rVB	1092	863	0.05%	0.011%
12	3.126	631	633	636	rVB	1217	587	0.03%	0.007%
13	3.287	680	683	688	rBV	870	900	0.05%	0.011%
14	3.515	750	754	756	rBV2	1052	822	0.05%	0.010%
15	3.717	814	817	818	rBV	892	537	0.03%	0.007%
16	3.778	828	836	837	rBV2	1649	1775	0.10%	0.022%
17	3.869	858	864	866	rBV	1208	1062	0.06%	0.013%
18	3.933	872	884	904	rBV2	48606	130730	7.40%	1.640%
19	4.106	935	938	943	rBV2	1329	1151	0.07%	0.014%
20	4.135	943	947	949	rBV	1154	925	0.05%	0.012%
21	4.229	972	976	979	rBV	1183	947	0.05%	0.012%
22	4.303	996	999	1002	rBV2	1228	833	0.05%	0.010%
23	4.402	1015	1030	1051	rVV	116947	281789	15.95%	3.534%
24	4.608	1090	1094	1099	rBV3	1421	1485	0.08%	0.019%
25	4.711	1122	1126	1128	rBV4	1281	1179	0.07%	0.015%
26	4.766	1139	1143	1145	rBV3	881	818	0.05%	0.010%
27	4.933	1188	1195	1197	rBV4	1207	1360	0.08%	0.017%
28	5.094	1230	1245	1270	rBV2	290970	711343	40.26%	8.922%
29	5.354	1324	1326	1329	rBV2	1006	530	0.03%	0.007%
30	5.431	1346	1350	1352	rBV3	1205	1019	0.06%	0.013%
31	5.486	1362	1367	1368	rBV	1311	1076	0.06%	0.013%
32	5.663	1408	1422	1442	rBV	215073	426786	24.15%	5.353%
33	6.000	1524	1527	1529	rBV	1200	833	0.05%	0.010%
34	6.029	1533	1536	1541	rVV2	962	1079	0.06%	0.014%

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 Title : VOC Analysis

35	6.119	1550	1564	1583	rBV	162870	334315	18.92%	4.193%
36	6.232	1596	1599	1602	rBV2	1094	870	0.05%	0.011%
37	6.399	1648	1651	1656	rBV3	808	903	0.05%	0.011%
38	6.550	1692	1698	1700	rBV2	1271	935	0.05%	0.012%
39	6.634	1721	1724	1728	rVB3	1032	694	0.04%	0.009%
40	6.695	1741	1743	1752	rVB4	2133	1924	0.11%	0.024%
41	6.753	1756	1761	1762	rBV	894	724	0.04%	0.009%
42	6.788	1770	1772	1778	rVB2	1372	1295	0.07%	0.016%
43	6.862	1790	1795	1798	rBV2	984	875	0.05%	0.011%
44	7.029	1837	1847	1864	rBV3	80391	141201	7.99%	1.771%
45	7.167	1886	1890	1896	rBV2	1668	1530	0.09%	0.019%
46	7.360	1938	1950	1969	rBV	333967	581281	32.89%	7.291%
47	7.511	1994	1997	1998	rBV2	1227	758	0.04%	0.010%
48	7.663	2034	2044	2061	rBV2	59550	103496	5.86%	1.298%
49	8.135	2181	2191	2208	rBV	164019	287590	16.27%	3.607%
50	8.553	2318	2321	2323	rBV2	1057	816	0.05%	0.010%
51	8.708	2366	2369	2371	rBV3	910	565	0.03%	0.007%
52	8.740	2374	2379	2385	rBV3	1216	1571	0.09%	0.020%
53	8.897	2412	2428	2433	rBV	351210	608017	34.41%	7.626%
54	9.331	2561	2563	2568	rVB4	736	602	0.03%	0.008%
55	9.357	2568	2571	2574	rBV	918	697	0.04%	0.009%
56	9.392	2579	2582	2585	rBV	862	664	0.04%	0.008%
57	9.482	2605	2610	2615	rBV3	1567	2016	0.11%	0.025%
58	9.659	2663	2665	2668	rBV	1224	722	0.04%	0.009%
59	9.707	2676	2680	2684	rBV	1765	1529	0.09%	0.019%
60	10.032	2778	2781	2784	rBV	756	700	0.04%	0.009%
61	10.142	2814	2815	2819	rVB2	1108	546	0.03%	0.007%
62	10.264	2840	2853	2874	rBV	234628	375243	21.24%	4.706%
63	10.511	2927	2930	2933	rBV2	836	583	0.03%	0.007%
64	10.894	3042	3049	3052	rBV2	948	1106	0.06%	0.014%
65	10.933	3057	3061	3064	rBV2	751	644	0.04%	0.008%
66	10.974	3070	3074	3077	rBV	850	892	0.05%	0.011%
67	11.023	3083	3089	3093	rBV4	1170	1410	0.08%	0.018%
68	11.068	3100	3103	3104	rBV2	1225	718	0.04%	0.009%
69	11.174	3131	3136	3137	rBV	1002	608	0.03%	0.008%
70	11.228	3143	3153	3163	rBV	48223	77030	4.36%	0.966%
71	11.296	3163	3174	3199	rVB2	338197	726157	41.09%	9.108%

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72	11.421	3210	3213	3217	rVV2	964	879	0.05%	0.011%
73	11.505	3236	3239	3242	rBV	1318	1145	0.06%	0.014%
74	11.688	3280	3296	3319	rVB2	859711	1767088	100.00%	22.163%
75	11.772	3319	3322	3325	rBV2	1027	708	0.04%	0.009%
76	11.839	3340	3343	3347	rBV3	1329	1127	0.06%	0.014%
77	11.900	3358	3362	3367	rVB3	2187	2161	0.12%	0.027%
78	11.929	3367	3371	3375	rBV2	1480	1403	0.08%	0.018%
79	12.087	3417	3420	3422	rBV2	1355	785	0.04%	0.010%
80	12.341	3495	3499	3502	rBV	1303	1084	0.06%	0.014%
81	12.653	3594	3596	3598	rBV2	876	543	0.03%	0.007%
82	12.794	3635	3640	3646	rBV5	2589	3575	0.20%	0.045%
83	12.997	3698	3703	3707	rBV3	1510	1595	0.09%	0.020%
84	13.161	3751	3754	3758	rVB2	1529	893	0.05%	0.011%
85	13.312	3788	3801	3816	rBV	323927	496388	28.09%	6.226%
86	13.434	3836	3839	3847	rVB2	1683	2162	0.12%	0.027%
87	13.469	3847	3850	3854	rBV3	1086	894	0.05%	0.011%
88	13.630	3896	3900	3903	rBV3	2037	1409	0.08%	0.018%
89	13.707	3921	3924	3925	rBV	833	558	0.03%	0.007%
90	13.794	3940	3951	3964	rBV2	88519	135876	7.69%	1.704%
91	13.887	3977	3980	3982	rBV	938	613	0.03%	0.008%
92	13.945	3995	3998	4000	rBV	1222	771	0.04%	0.010%
93	14.241	4087	4090	4092	rBV	1220	769	0.04%	0.010%
94	14.421	4143	4146	4151	rBV3	969	929	0.05%	0.012%
95	14.598	4198	4201	4206	rVB2	1353	1056	0.06%	0.013%
96	14.842	4274	4277	4279	rBV3	1523	897	0.05%	0.011%
97	15.003	4323	4327	4330	rBV5	1351	1228	0.07%	0.015%
98	15.071	4345	4348	4351	rBV	1811	1454	0.08%	0.018%
99	15.132	4365	4367	4369	rBV	1044	548	0.03%	0.007%
100	15.964	4622	4626	4632	rBV4	1170	1291	0.07%	0.016%

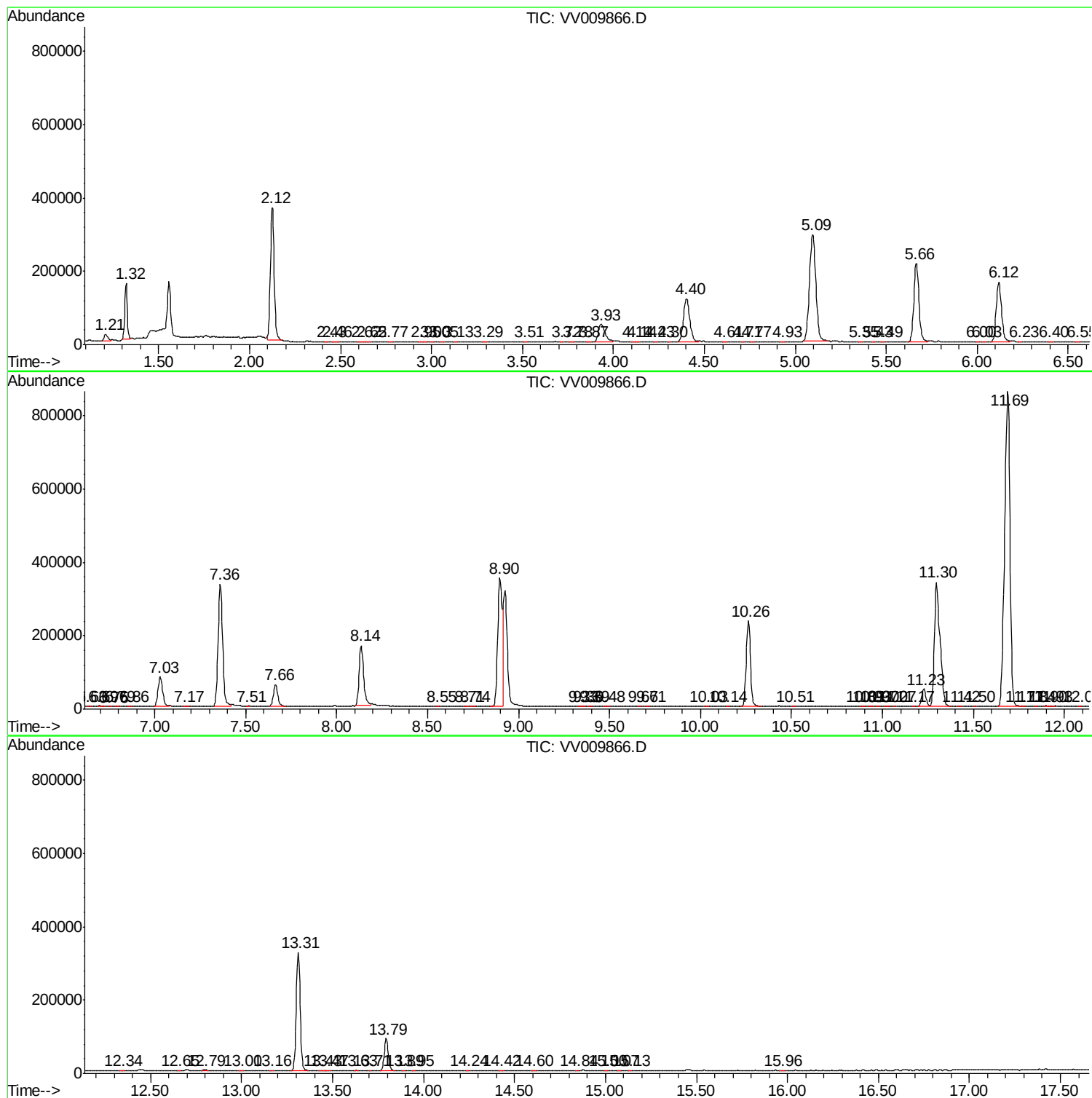
Sum of corrected areas: 7972965

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

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



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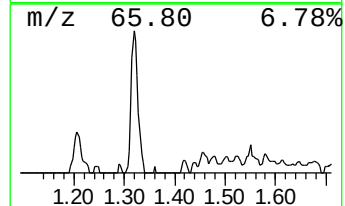
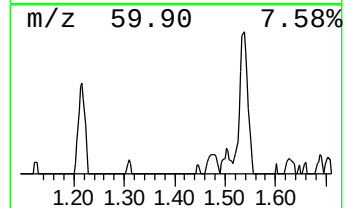
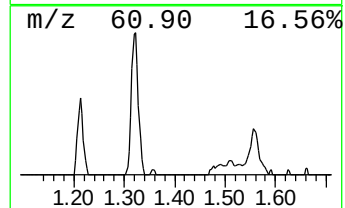
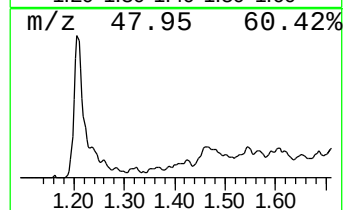
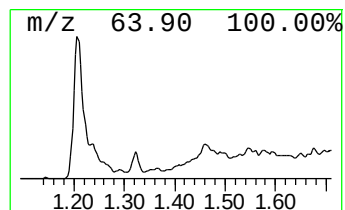
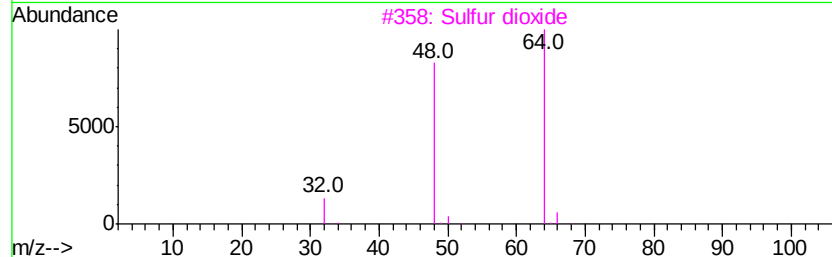
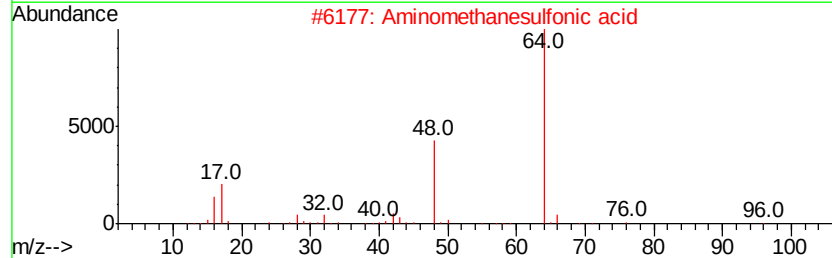
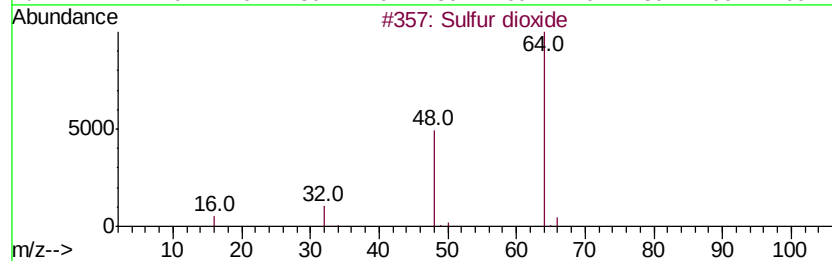
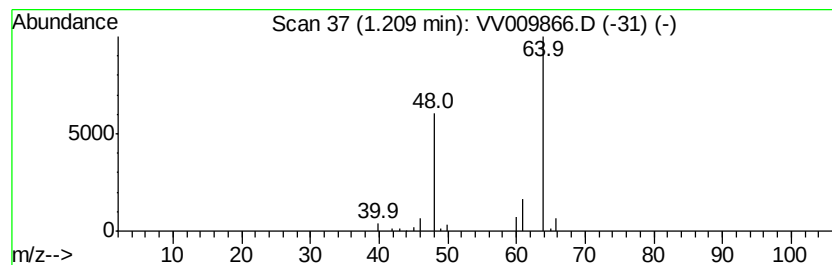
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	3.13 ug/L	26709	1,4-Difluorobenzene	5.67
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 02S	007446-09-5 90
2		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 64
3		Sulfur dioxide	64 02S	007446-09-5 64
4		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 43
5		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	3.1	ug/L	26709	1	5.67	426786	50.0