

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
 Data File : VV013888.D
 Acq On : 03 Dec 2019 13:01
 Operator : SY/MD
 Sample : K6083-03DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2DL

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\SOMVLM120219WMA.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	1.216	32	39	48	rBV2	47247	87201	2.87%	0.384%
2	1.319	64	71	80	rVB	282161	274107	9.03%	1.206%
3	1.569	142	149	166	rVB	290804	345060	11.37%	1.518%
4	2.126	313	322	336	rVB	564743	789098	26.00%	3.472%
5	2.344	388	390	393	rBV4	1837	966	0.03%	0.004%
6	2.380	398	401	405	rVB3	2297	1463	0.05%	0.006%
7	2.483	429	433	437	rVB4	1514	1263	0.04%	0.006%
8	2.531	440	448	454	rVV4	8051	11799	0.39%	0.052%
9	2.788	520	528	532	rBV9	4329	5785	0.19%	0.025%
10	2.885	554	558	565	rBV7	1012	1126	0.04%	0.005%
11	2.962	578	582	586	rVV7	1542	1187	0.04%	0.005%
12	3.036	603	605	610	rVB3	2541	1880	0.06%	0.008%
13	3.126	627	633	638	rBV8	1479	2039	0.07%	0.009%
14	3.303	686	688	691	rVV3	1298	959	0.03%	0.004%
15	3.428	724	727	733	rBV6	1230	1239	0.04%	0.005%
16	3.489	743	746	751	rVB4	1222	1091	0.04%	0.005%
17	3.531	758	759	762	rVV2	1451	815	0.03%	0.004%
18	3.701	808	812	816	rBV6	1325	1182	0.04%	0.005%
19	3.926	869	882	921	rBV3	176598	676773	22.30%	2.978%
20	4.187	959	963	966	rBV4	1682	1402	0.05%	0.006%
21	4.303	997	999	1003	rVB3	1717	1051	0.03%	0.005%
22	4.393	1010	1027	1052	rBV	375497	906443	29.86%	3.988%
23	4.518	1063	1066	1072	rBV8	2095	1370	0.05%	0.006%
24	4.598	1087	1091	1095	rBV6	1551	1324	0.04%	0.006%
25	4.701	1121	1123	1127	rBV3	1208	810	0.03%	0.004%
26	4.878	1176	1178	1184	rVB6	1484	1327	0.04%	0.006%
27	4.926	1190	1193	1196	rVV4	1589	1069	0.04%	0.005%
28	4.971	1203	1207	1210	rBV3	1258	887	0.03%	0.004%
29	5.090	1224	1244	1268	rBV2	939456	2396953	78.96%	10.547%
30	5.434	1349	1351	1353	rBV4	2157	1170	0.04%	0.005%
31	5.454	1355	1357	1361	rVB5	1765	1180	0.04%	0.005%
32	5.601	1401	1403	1406	rBV3	1410	866	0.03%	0.004%
33	5.659	1406	1421	1444	rBV	773618	1523515	50.19%	6.703%
34	5.955	1496	1513	1543	rBV	1553024	3035505	100.00%	13.356%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Title : VOC Analysis

35	6.113	1549	1562	1587	rVB	548312	1087454	35.82%	4.785%
36	6.376	1641	1644	1649	rVV6	1631	1345	0.04%	0.006%
37	6.466	1668	1672	1675	rBV5	2096	1953	0.06%	0.009%
38	6.521	1685	1689	1690	rBV4	1467	861	0.03%	0.004%
39	6.579	1702	1707	1708	rBV4	1357	794	0.03%	0.003%
40	6.691	1739	1742	1748	rVB8	2292	1908	0.06%	0.008%
41	6.756	1760	1762	1767	rVV5	1727	1387	0.05%	0.006%
42	6.778	1767	1769	1773	rVB4	1849	957	0.03%	0.004%
43	6.888	1797	1803	1805	rBV5	1453	1378	0.05%	0.006%
44	6.910	1805	1810	1815	rBV7	1856	1952	0.06%	0.009%
45	6.949	1821	1822	1826	rVB3	1592	875	0.03%	0.004%
46	6.968	1826	1828	1830	rBV4	1464	1042	0.03%	0.005%
47	7.026	1834	1846	1865	rVV	271582	485135	15.98%	2.135%
48	7.174	1883	1892	1893	rBV8	2423	3644	0.12%	0.016%
49	7.354	1935	1948	1972	rBV	1088359	1861212	61.31%	8.189%
50	7.598	2020	2024	2026	rBV4	1343	1111	0.04%	0.005%
51	7.659	2031	2043	2062	rVV2	195883	336189	11.08%	1.479%
52	7.798	2083	2086	2091	rVB7	2209	1856	0.06%	0.008%
53	7.820	2091	2093	2096	rBV4	1219	854	0.03%	0.004%
54	8.013	2141	2153	2175	rBV	697426	1130654	37.25%	4.975%
55	8.129	2178	2189	2218	rBV3	534380	1114331	36.71%	4.903%
56	8.492	2300	2302	2309	rVB8	1703	1533	0.05%	0.007%
57	8.524	2309	2312	2315	rBV5	1703	1070	0.04%	0.005%
58	8.572	2325	2327	2329	rBV3	1925	1267	0.04%	0.006%
59	8.791	2391	2395	2398	rBV6	1677	1564	0.05%	0.007%
60	8.891	2413	2426	2449	rBV	1264233	2027329	66.79%	8.920%
61	9.045	2471	2474	2478	rBV5	2351	2489	0.08%	0.011%
62	9.087	2485	2487	2491	rBV3	2331	2096	0.07%	0.009%
63	9.129	2495	2500	2502	rBV6	1783	1772	0.06%	0.008%
64	9.280	2545	2547	2553	rVB6	1554	1310	0.04%	0.006%
65	9.351	2565	2569	2571	rBV5	1715	1187	0.04%	0.005%
66	9.389	2578	2581	2582	rBV3	1765	914	0.03%	0.004%
67	9.431	2592	2594	2599	rBV6	1512	981	0.03%	0.004%
68	9.556	2629	2633	2635	rVB4	1308	974	0.03%	0.004%
69	9.588	2637	2643	2645	rBV7	2225	2141	0.07%	0.009%
70	9.698	2674	2677	2678	rBV3	1597	1040	0.03%	0.005%
71	9.756	2691	2695	2698	rVB5	1698	1204	0.04%	0.005%

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Integration Parameters: LSCINT.P

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72	9.817	2711	2714	2716	rBV4	1752	982	0.03%	0.004%
73	9.842	2720	2722	2726	rVB4	2255	1316	0.04%	0.006%
74	9.884	2732	2735	2737	rBV4	2097	1399	0.05%	0.006%
75	9.965	2753	2760	2762	rBV6	2810	3098	0.10%	0.014%
76	10.013	2773	2775	2777	rBV3	1835	972	0.03%	0.004%
77	10.132	2805	2812	2815	rBV9	2539	3080	0.10%	0.014%
78	10.212	2833	2837	2838	rBV5	1786	1112	0.04%	0.005%
79	10.254	2838	2850	2868	rVV	773955	1208386	39.81%	5.317%
80	10.466	2913	2916	2920	rVB5	2367	1924	0.06%	0.008%
81	10.566	2943	2947	2948	rBV4	1498	941	0.03%	0.004%
82	10.601	2954	2958	2960	rVB5	1465	927	0.03%	0.004%
83	10.630	2964	2967	2971	rBV5	1291	1090	0.04%	0.005%
84	10.653	2971	2974	2976	rBV3	1162	806	0.03%	0.004%
85	10.836	3024	3031	3036	rVB9	1524	2234	0.07%	0.010%
86	11.289	3160	3172	3192	rBV	976371	1525790	50.26%	6.714%
87	11.572	3255	3260	3262	rBV6	2524	2328	0.08%	0.010%
88	11.666	3278	3289	3310	rBV	1143647	1788817	58.93%	7.871%
89	12.228	3462	3464	3469	rVB5	2349	2020	0.07%	0.009%
90	12.559	3564	3567	3568	rBV3	1768	990	0.03%	0.004%
91	12.646	3592	3594	3597	rVB3	2036	997	0.03%	0.004%
92	12.842	3653	3655	3658	rBV4	1448	890	0.03%	0.004%
93	13.013	3704	3708	3711	rBV5	2233	2020	0.07%	0.009%
94	13.129	3740	3744	3746	rBV3	1430	1255	0.04%	0.006%
95	13.231	3774	3776	3779	rBV3	1809	967	0.03%	0.004%
96	13.312	3798	3801	3804	rVB4	2456	1345	0.04%	0.006%
97	14.032	4022	4025	4027	rBV4	2135	1528	0.05%	0.007%
98	14.260	4093	4096	4100	rBV5	3124	2372	0.08%	0.010%
99	14.418	4143	4145	4147	rBV3	2204	972	0.03%	0.004%
100	14.498	4168	4170	4171	rBV2	1785	956	0.03%	0.004%

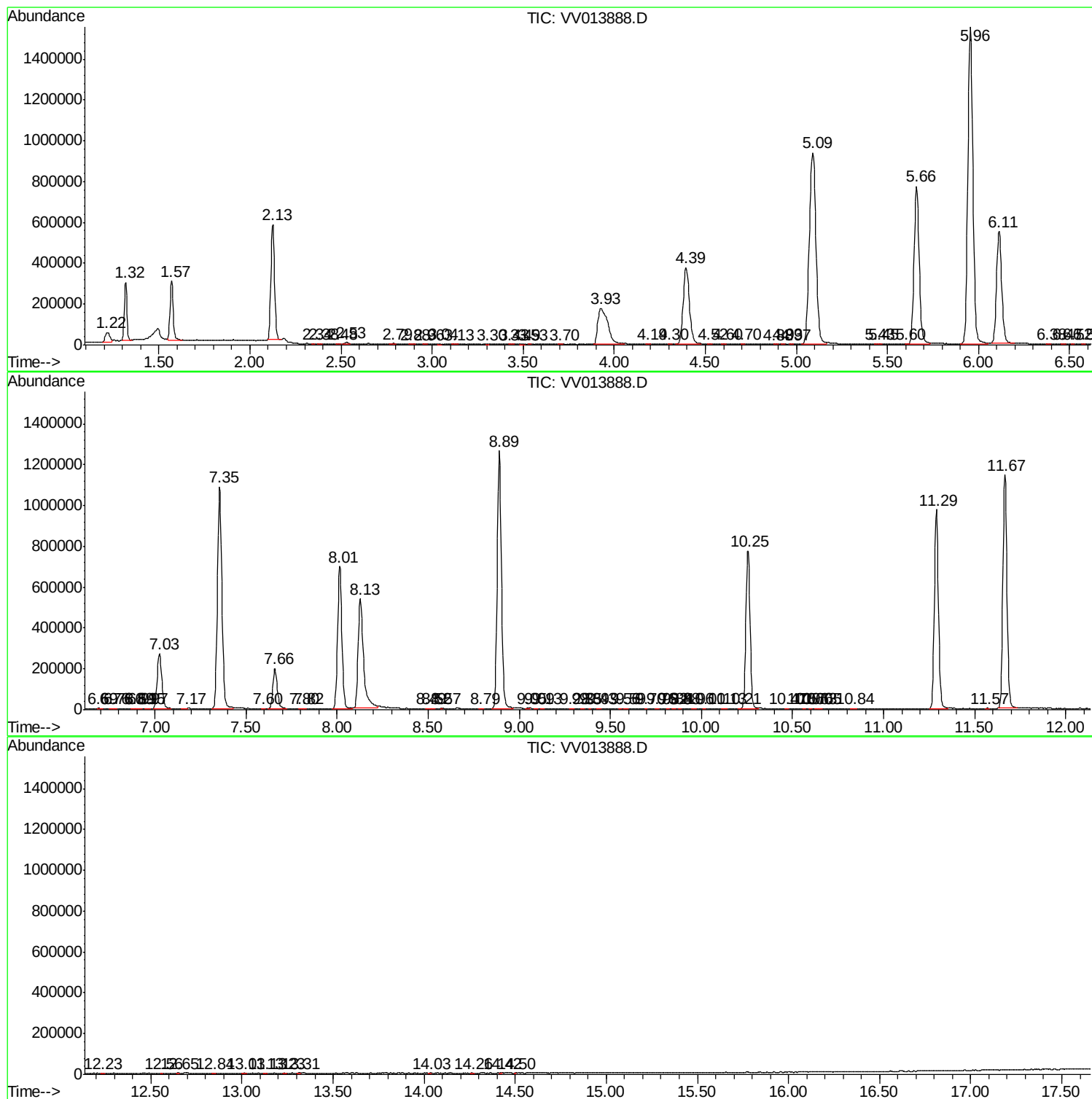
Sum of corrected areas: 22727182

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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



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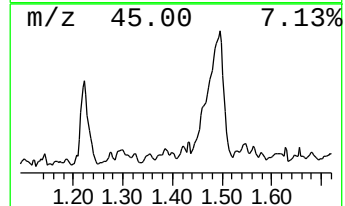
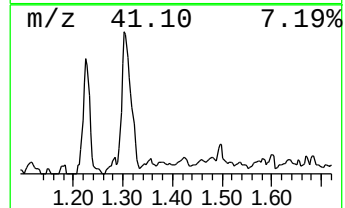
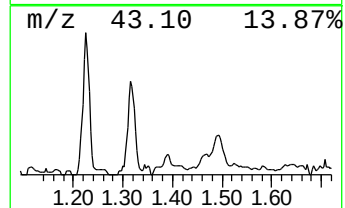
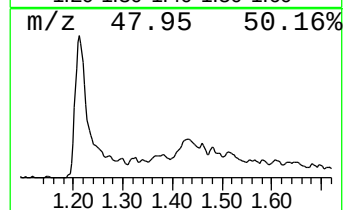
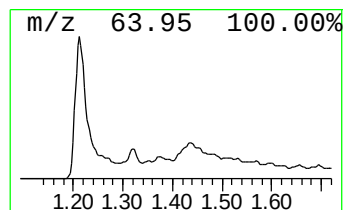
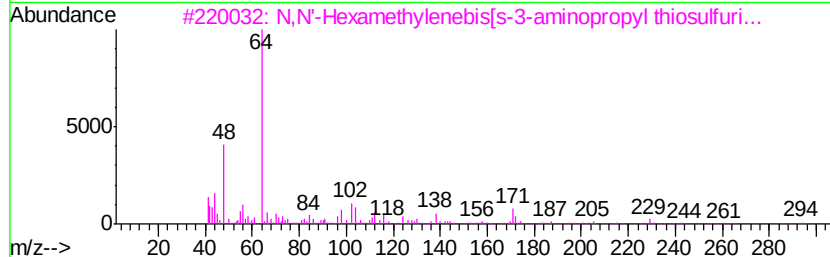
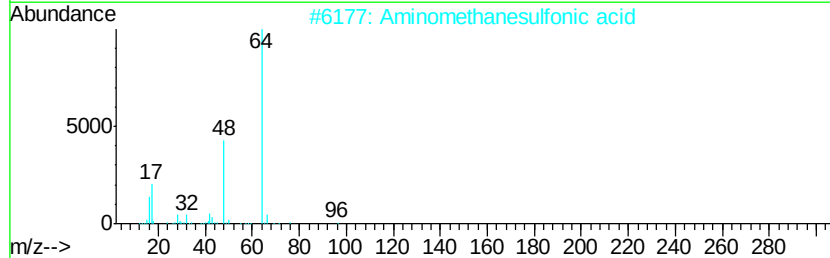
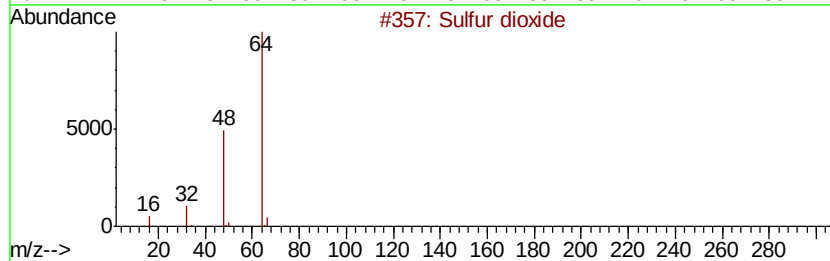
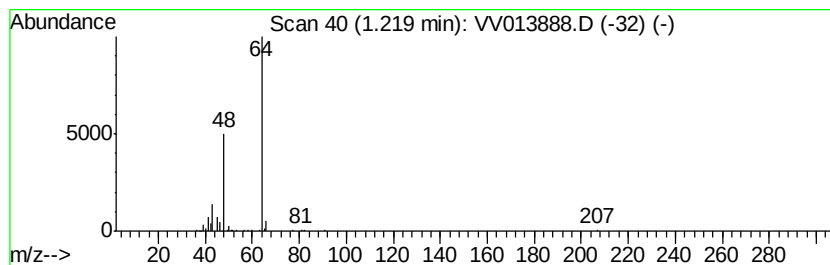
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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.
1.22	2.86 ug/L	87201	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 83
2		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 83
3		N,N'-Hexamethylenebis[s-3-aminop...	424 C12H28N2O6S4	035871-55-7 74
4		2-Aminoethyl hydrogen sulfate	141 C2H7NO4S	000926-39-6 74
5		(N-(-2-Acetamido))-2-aminoethane...	182 C4H10N2O4S	007365-82-4 64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.22	2.9	ug/L	87201	1	5.66	1523520	50.0