

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013859.D
 Acq On : 29 Nov 2019 19:16
 Operator : SY/MD
 Sample : K6028-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA1

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\SOMVLM110619WMA.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	32	37	59	rBV	89452	148595	6.30%	0.782%
2	1.319	65	71	84	rVB	320906	320330	13.57%	1.686%
3	1.582	146	153	165	rVB	278587	315435	13.37%	1.660%
4	2.129	315	323	336	rVB	529815	741748	31.43%	3.903%
5	2.521	442	445	446	rBV2	2128	1372	0.06%	0.007%
6	2.733	508	511	515	rVB5	1067	707	0.03%	0.004%
7	2.801	521	532	536	rBV5	4866	9262	0.39%	0.049%
8	2.865	550	552	557	rVB4	2166	1597	0.07%	0.008%
9	2.888	557	559	563	rBV4	1755	1492	0.06%	0.008%
10	3.007	593	596	597	rBV2	941	558	0.02%	0.003%
11	3.126	631	633	636	rBV3	1069	592	0.03%	0.003%
12	3.151	638	641	643	rBV4	1246	865	0.04%	0.005%
13	3.286	680	683	684	rBV2	1315	734	0.03%	0.004%
14	3.354	701	704	708	rVB4	1844	1216	0.05%	0.006%
15	3.376	708	711	713	rBV2	1581	1029	0.04%	0.005%
16	3.598	776	780	781	rBV3	923	701	0.03%	0.004%
17	3.675	802	804	807	rBV3	1196	625	0.03%	0.003%
18	3.727	818	820	825	rVB5	1186	660	0.03%	0.003%
19	3.839	852	855	856	rBV2	1026	551	0.02%	0.003%
20	3.923	869	881	920	rBV3	206192	780662	33.08%	4.108%
21	4.270	986	989	992	rBV4	1341	830	0.04%	0.004%
22	4.399	1014	1029	1052	rBV	375583	951982	40.34%	5.010%
23	4.797	1150	1153	1157	rBV5	2070	1635	0.07%	0.009%
24	5.093	1227	1245	1267	rBV2	924322	2359915	100.00%	12.418%
25	5.659	1408	1421	1440	rBV	770726	1501393	63.62%	7.901%
26	6.113	1545	1562	1587	rBV	526188	1081574	45.83%	5.691%
27	6.373	1642	1643	1644	rBV	1740	514	0.02%	0.003%
28	6.720	1749	1751	1754	rBV4	1773	1012	0.04%	0.005%
29	6.849	1787	1791	1793	rBV4	1353	1026	0.04%	0.005%
30	6.961	1824	1826	1833	rVB6	2569	1926	0.08%	0.010%
31	7.026	1833	1846	1867	rBV	284947	519460	22.01%	2.734%
32	7.157	1886	1887	1890	rBV2	1603	1060	0.04%	0.006%
33	7.289	1926	1928	1932	rBV4	1195	868	0.04%	0.005%
34	7.357	1936	1949	1967	rBV	1121926	1933512	81.93%	10.175%

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 Title : VOC Analysis

35	7.659	2032	2043	2058	rBV	210266	349230	14.80%	1.838%
36	7.858	2104	2105	2107	rBV2	1541	681	0.03%	0.004%
37	7.926	2121	2126	2129	rBV7	2963	2804	0.12%	0.015%
38	8.061	2165	2168	2170	rBV4	2089	1340	0.06%	0.007%
39	8.125	2178	2188	2227	rBV	630016	1251831	53.05%	6.587%
40	8.891	2412	2426	2458	rBV	1121350	1850260	78.40%	9.736%
41	9.228	2527	2531	2534	rBV6	1411	1301	0.06%	0.007%
42	9.296	2550	2552	2554	rBV3	1302	541	0.02%	0.003%
43	9.341	2561	2566	2568	rBV5	1448	1043	0.04%	0.005%
44	9.354	2568	2570	2572	rVV3	1301	660	0.03%	0.003%
45	9.366	2572	2574	2577	rVV3	1495	741	0.03%	0.004%
46	9.382	2577	2579	2584	rVV3	1266	633	0.03%	0.003%
47	9.450	2598	2600	2603	rBV3	1163	588	0.02%	0.003%
48	9.543	2625	2629	2630	rBV4	1891	1089	0.05%	0.006%
49	9.624	2652	2654	2656	rBV3	1218	538	0.02%	0.003%
50	9.659	2661	2665	2668	rBV4	1507	1245	0.05%	0.007%
51	9.672	2668	2669	2672	rVB3	2157	812	0.03%	0.004%
52	9.688	2672	2674	2677	rBV	1273	1032	0.04%	0.005%
53	9.807	2707	2711	2713	rBV4	1023	779	0.03%	0.004%
54	9.865	2726	2729	2732	rBV4	1496	1056	0.04%	0.006%
55	9.916	2743	2745	2749	rVB4	1225	793	0.03%	0.004%
56	9.955	2754	2757	2759	rVV3	1142	772	0.03%	0.004%
57	9.977	2761	2764	2767	rVB3	1506	973	0.04%	0.005%
58	10.000	2767	2771	2773	rBV4	1282	778	0.03%	0.004%
59	10.051	2783	2787	2788	rBV3	1647	1326	0.06%	0.007%
60	10.254	2839	2850	2870	rBV	776517	1214791	51.48%	6.392%
61	10.485	2919	2922	2926	rBV6	1650	1201	0.05%	0.006%
62	10.739	2997	3001	3003	rBV3	2419	1552	0.07%	0.008%
63	10.878	3042	3044	3047	rBV3	1147	856	0.04%	0.005%
64	10.926	3057	3059	3063	rBV3	1031	767	0.03%	0.004%
65	10.993	3077	3080	3081	rBV3	1588	725	0.03%	0.004%
66	11.058	3099	3100	3104	rVB3	1002	520	0.02%	0.003%
67	11.112	3113	3117	3119	rBV5	1300	960	0.04%	0.005%
68	11.289	3160	3172	3193	rBV	1108397	1740360	73.75%	9.158%
69	11.665	3276	3289	3309	rBV	1185243	1846435	78.24%	9.716%
70	11.829	3337	3340	3343	rBV5	2354	1313	0.06%	0.007%
71	11.919	3364	3368	3371	rBV5	1475	1489	0.06%	0.008%

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72	11.987	3387	3389	3390	rBV2	1261	545	0.02%	0.003%
73	12.109	3425	3427	3430	rBV4	1258	939	0.04%	0.005%
74	12.177	3444	3448	3450	rBV3	1374	936	0.04%	0.005%
75	12.206	3454	3457	3462	rBV4	2385	2193	0.09%	0.012%
76	12.244	3467	3469	3473	rBV4	977	616	0.03%	0.003%
77	12.299	3484	3486	3489	rBV3	1210	926	0.04%	0.005%
78	12.337	3496	3498	3502	rBV5	1573	1145	0.05%	0.006%
79	12.427	3523	3526	3527	rBV2	1538	891	0.04%	0.005%
80	12.501	3547	3549	3551	rVB3	2054	837	0.04%	0.004%
81	12.517	3551	3554	3557	rBV5	1211	717	0.03%	0.004%
82	12.533	3557	3559	3563	rBV4	976	638	0.03%	0.003%
83	12.607	3577	3582	3584	rBV5	1545	1344	0.06%	0.007%
84	12.694	3602	3609	3611	rBV6	3206	3402	0.14%	0.018%
85	12.739	3620	3623	3624	rBV3	920	621	0.03%	0.003%
86	12.775	3629	3634	3635	rBV4	977	841	0.04%	0.004%
87	12.916	3673	3678	3680	rBV3	1924	1445	0.06%	0.008%
88	12.987	3695	3700	3702	rBV5	1747	1632	0.07%	0.009%
89	13.070	3723	3726	3730	rBV4	1113	924	0.04%	0.005%
90	13.177	3756	3759	3767	rBV7	1145	1478	0.06%	0.008%
91	13.212	3767	3770	3773	rBV4	1344	1218	0.05%	0.006%
92	13.434	3836	3839	3840	rBV3	1531	816	0.03%	0.004%
93	13.508	3859	3862	3865	rBV2	1252	1059	0.04%	0.006%
94	14.080	4036	4040	4046	rVB7	1657	1931	0.08%	0.010%
95	14.106	4046	4048	4052	rBV3	1967	1540	0.07%	0.008%
96	14.173	4067	4069	4070	rBV2	1196	518	0.02%	0.003%
97	14.196	4074	4076	4077	rBV3	1397	608	0.03%	0.003%
98	14.347	4121	4123	4127	rBV4	1910	1390	0.06%	0.007%
99	14.395	4135	4138	4139	rBV3	2061	1200	0.05%	0.006%
100	14.813	4265	4268	4275	rBV9	1597	1836	0.08%	0.010%

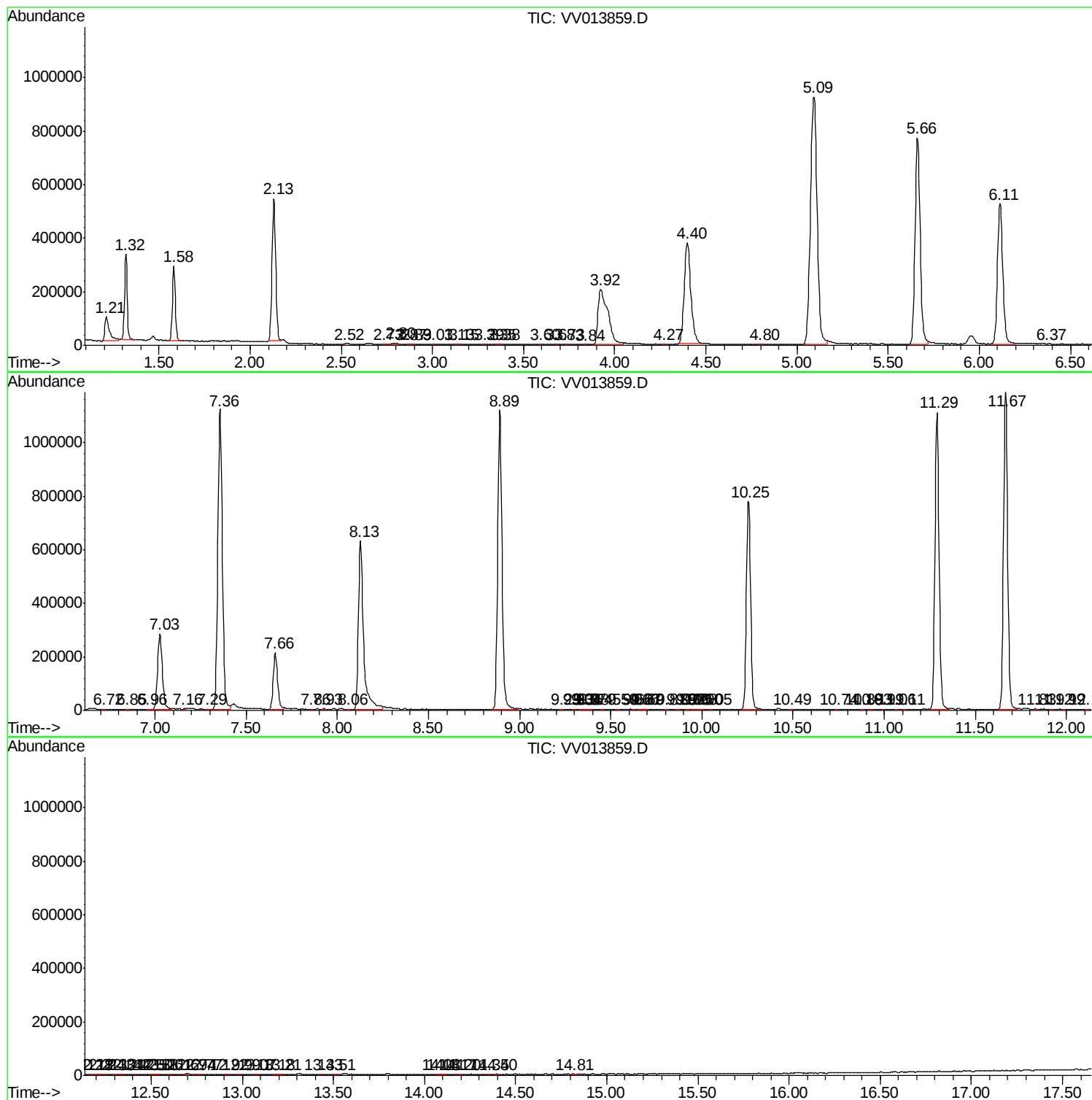
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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



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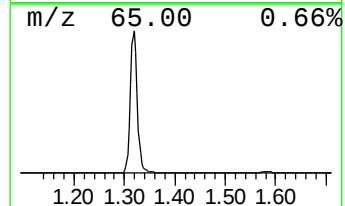
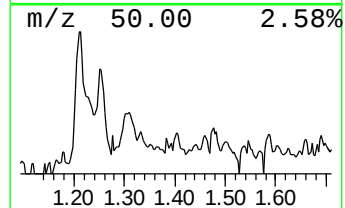
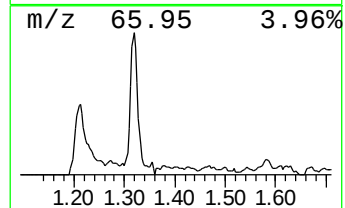
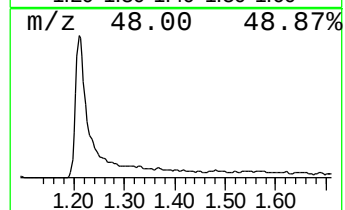
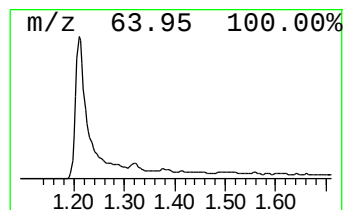
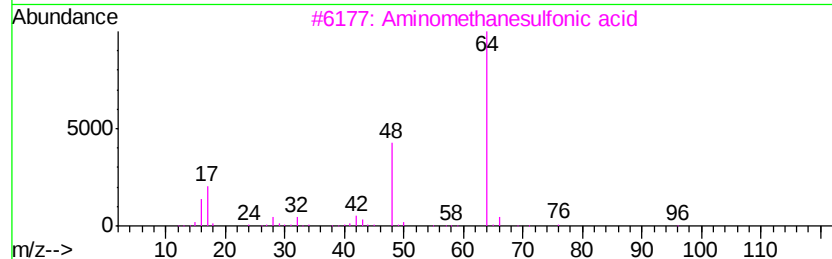
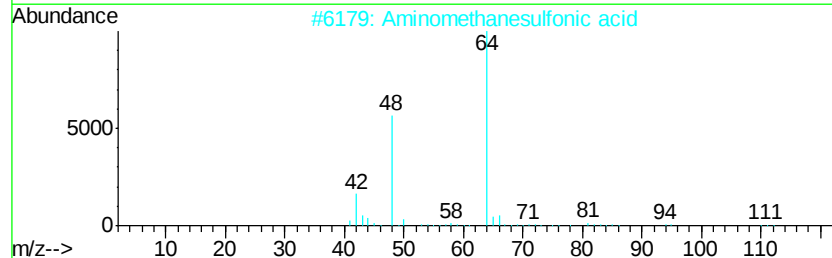
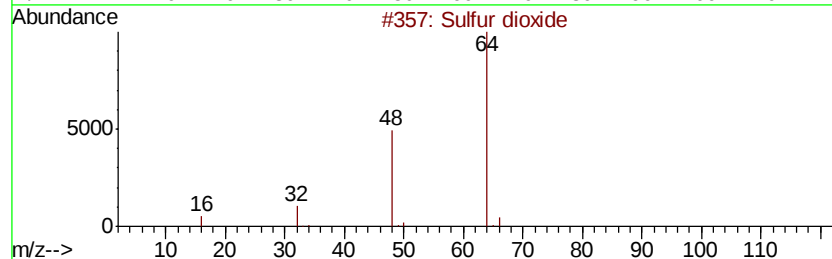
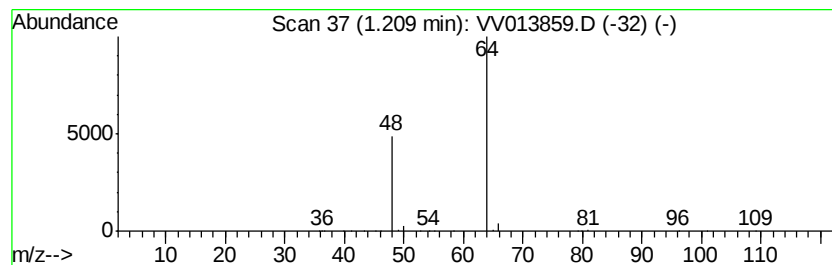
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
Quant Title : VOC Analysis

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	4.95 ug/L	148595	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 9
3		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 9
4		Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7 4
5		2-Aminoethyl hydrogen sulfate	141 C2H7NO4S	000926-39-6 4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	5.0	ug/L	148595	1	5.66	1501390	50.0