

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009769.D
 Acq On : 18 Mar 2019 19:25
 Operator : SY/MD
 Sample : K1967-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09C3

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\SOMVLM031719WMA.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	31	39	48	rBV2	12612	27145	5.60%	0.716%
2	1.319	66	71	78	rVB	71896	65843	13.58%	1.738%
3	1.560	141	146	160	rVB	52259	65431	13.50%	1.727%
4	2.122	313	321	334	rVB	132316	188913	38.97%	4.985%
5	2.653	476	486	503	rVB2	15872	35038	7.23%	0.925%
6	2.826	537	540	543	rVB	729	415	0.09%	0.011%
7	2.846	543	546	549	rBV	424	244	0.05%	0.006%
8	2.865	549	552	557	rBV2	623	615	0.13%	0.016%
9	2.888	557	559	562	rBV2	395	254	0.05%	0.007%
10	3.013	594	598	601	rBV	604	512	0.11%	0.014%
11	3.190	650	653	660	rVB	504	594	0.12%	0.016%
12	3.225	660	664	666	rBV2	546	404	0.08%	0.011%
13	3.257	671	674	677	rBV	399	370	0.08%	0.010%
14	3.322	689	694	696	rBV	496	434	0.09%	0.011%
15	3.537	758	761	765	rBV	611	423	0.09%	0.011%
16	3.624	785	788	791	rVB	649	402	0.08%	0.011%
17	3.679	803	805	808	rVB	599	296	0.06%	0.008%
18	3.807	840	845	847	rBV	669	648	0.13%	0.017%
19	3.929	862	883	906	rBV	34456	95891	19.78%	2.530%
20	4.399	1013	1029	1054	rBV2	77516	189755	39.14%	5.007%
21	4.556	1075	1078	1081	rVB2	476	309	0.06%	0.008%
22	4.669	1107	1113	1116	rVB2	476	497	0.10%	0.013%
23	4.691	1116	1120	1123	rBV	505	334	0.07%	0.009%
24	4.730	1129	1132	1137	rBV	568	476	0.10%	0.013%
25	4.752	1137	1139	1144	rVB	396	319	0.07%	0.008%
26	4.900	1183	1185	1189	rBV2	376	290	0.06%	0.008%
27	4.952	1198	1201	1203	rBV	357	298	0.06%	0.008%
28	4.994	1211	1214	1216	rBV2	461	343	0.07%	0.009%
29	5.096	1224	1246	1271	rBV2	190403	484788	100.00%	12.793%
30	5.424	1341	1348	1351	rBV3	754	813	0.17%	0.021%
31	5.582	1392	1397	1401	rBV3	846	820	0.17%	0.022%
32	5.666	1407	1423	1449	rBV	149423	312555	64.47%	8.248%
33	5.884	1487	1491	1492	rBV3	366	300	0.06%	0.008%
34	6.019	1530	1533	1535	rBV	385	272	0.06%	0.007%

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 Title : VOC Analysis

35	6.116	1550	1563	1580	rBV	104830	212160	43.76%	5.599%
36	6.322	1623	1627	1631	rBV2	554	534	0.11%	0.014%
37	6.685	1735	1740	1742	rBV2	570	520	0.11%	0.014%
38	6.858	1790	1794	1797	rBV	630	590	0.12%	0.016%
39	6.904	1805	1808	1810	rBV	335	225	0.05%	0.006%
40	7.029	1837	1847	1864	rBV2	58361	102227	21.09%	2.698%
41	7.254	1912	1917	1920	rBV2	392	397	0.08%	0.010%
42	7.302	1929	1932	1934	rBV	349	229	0.05%	0.006%
43	7.360	1937	1950	1970	rBV	225516	403856	83.31%	10.657%
44	7.604	2023	2026	2031	rBV3	569	566	0.12%	0.015%
45	7.662	2035	2044	2059	rVV	41654	70403	14.52%	1.858%
46	8.016	2151	2154	2158	rBV	510	335	0.07%	0.009%
47	8.055	2162	2166	2169	rBV	413	369	0.08%	0.010%
48	8.135	2179	2191	2214	rBV	104213	207969	42.90%	5.488%
49	8.543	2316	2318	2321	rBV2	403	246	0.05%	0.006%
50	8.604	2334	2337	2339	rBV	429	296	0.06%	0.008%
51	8.897	2416	2428	2452	rBV	224063	391348	80.73%	10.327%
52	9.051	2471	2476	2481	rVB2	390	416	0.09%	0.011%
53	9.080	2481	2485	2489	rBV	694	816	0.17%	0.022%
54	9.145	2503	2505	2509	rVB	481	251	0.05%	0.007%
55	9.170	2509	2513	2518	rBV	829	953	0.20%	0.025%
56	9.219	2523	2528	2531	rBV2	542	513	0.11%	0.014%
57	9.373	2571	2576	2578	rBV	551	566	0.12%	0.015%
58	9.411	2585	2588	2591	rBV	551	361	0.07%	0.010%
59	9.482	2607	2610	2612	rBV2	446	274	0.06%	0.007%
60	9.572	2635	2638	2640	rBV	611	414	0.09%	0.011%
61	9.653	2661	2663	2666	rBV	395	276	0.06%	0.007%
62	9.891	2734	2737	2739	rBV	512	297	0.06%	0.008%
63	9.977	2760	2764	2765	rBV	540	387	0.08%	0.010%
64	10.067	2788	2792	2794	rBV	584	510	0.11%	0.013%
65	10.263	2841	2853	2869	rBV	151892	247543	51.06%	6.532%
66	10.431	2896	2905	2911	rBV	995	1410	0.29%	0.037%
67	10.907	3049	3053	3055	rBV	487	353	0.07%	0.009%
68	10.942	3061	3064	3068	rBV	603	465	0.10%	0.012%
69	11.019	3085	3088	3092	rBV2	644	570	0.12%	0.015%
70	11.164	3130	3133	3135	rBV	446	296	0.06%	0.008%
71	11.299	3163	3175	3198	rBV	180325	319155	65.83%	8.422%

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72	11.395	3202	3205	3208	rBV2	569	531	0.11%	0.014%
73	11.553	3251	3254	3256	rBV	453	238	0.05%	0.006%
74	11.675	3280	3292	3313	rVB	197024	333309	68.75%	8.796%
75	11.884	3354	3357	3360	rBV	562	401	0.08%	0.011%
76	11.939	3371	3374	3375	rBV	437	233	0.05%	0.006%
77	11.997	3389	3392	3393	rBV	570	295	0.06%	0.008%
78	12.070	3409	3415	3418	rBV	888	919	0.19%	0.024%
79	12.215	3457	3460	3464	rBV2	301	306	0.06%	0.008%
80	12.450	3529	3533	3535	rBV2	283	218	0.04%	0.006%
81	12.762	3628	3630	3634	rBV	510	445	0.09%	0.012%
82	12.807	3641	3644	3648	rBV	730	565	0.12%	0.015%
83	12.878	3663	3666	3668	rBV2	551	333	0.07%	0.009%
84	12.910	3673	3676	3680	rBV	574	519	0.11%	0.014%
85	13.151	3749	3751	3754	rVB	505	224	0.05%	0.006%
86	13.170	3754	3757	3762	rBV2	631	702	0.14%	0.019%
87	13.222	3769	3773	3776	rBV	635	530	0.11%	0.014%
88	13.363	3814	3817	3818	rBV	479	315	0.06%	0.008%
89	13.437	3838	3840	3843	rVB	515	229	0.05%	0.006%
90	13.460	3843	3847	3849	rBV	411	352	0.07%	0.009%
91	13.623	3896	3898	3902	rVB	416	219	0.05%	0.006%
92	13.701	3919	3922	3923	rBV	658	332	0.07%	0.009%
93	13.730	3928	3931	3933	rBV	436	369	0.08%	0.010%
94	13.858	3969	3971	3973	rBV	438	266	0.05%	0.007%
95	14.125	4050	4054	4057	rBV2	627	590	0.12%	0.016%
96	14.215	4080	4082	4084	rBV2	493	258	0.05%	0.007%
97	14.691	4227	4230	4234	rBV	902	700	0.14%	0.018%
98	14.807	4261	4266	4271	rBV	892	1056	0.22%	0.028%
99	15.115	4359	4362	4363	rBV	625	363	0.07%	0.010%
100	15.334	4428	4430	4434	rBV	577	463	0.10%	0.012%

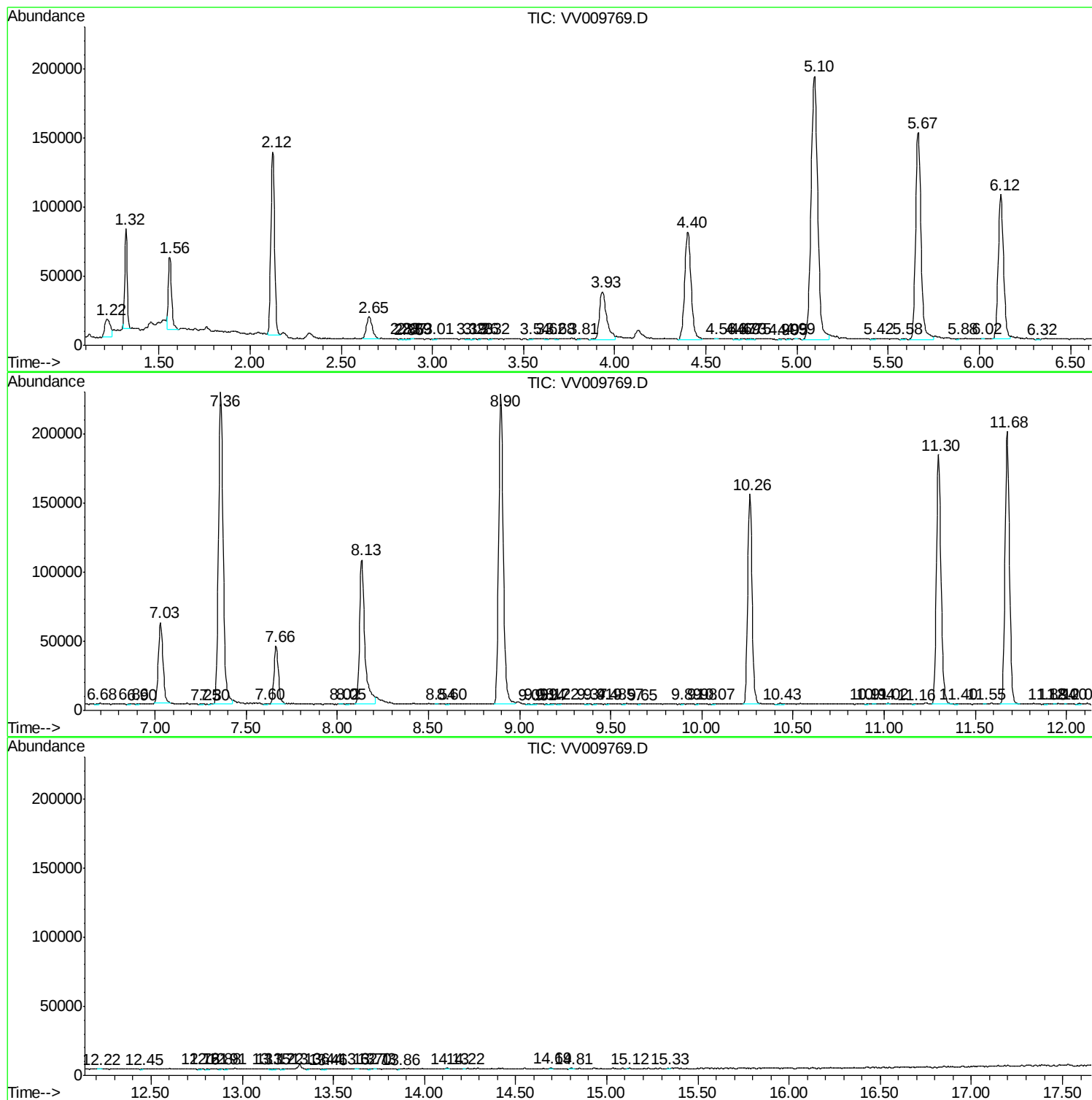
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Quant Title : VOC Analysis

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



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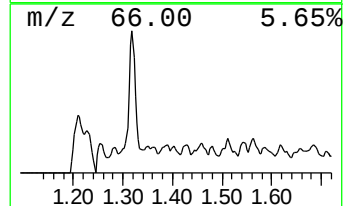
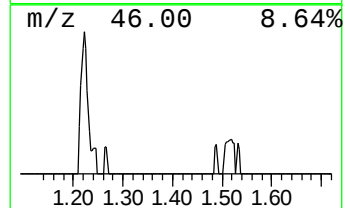
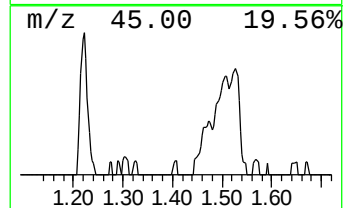
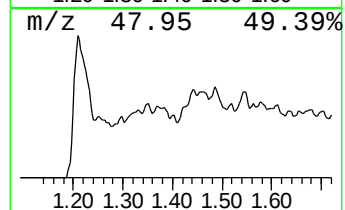
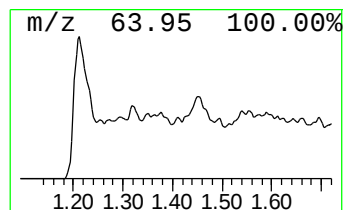
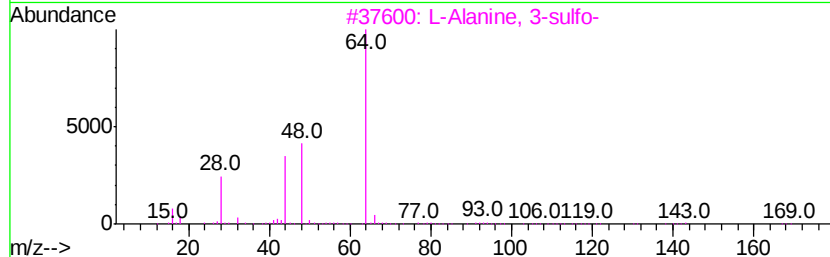
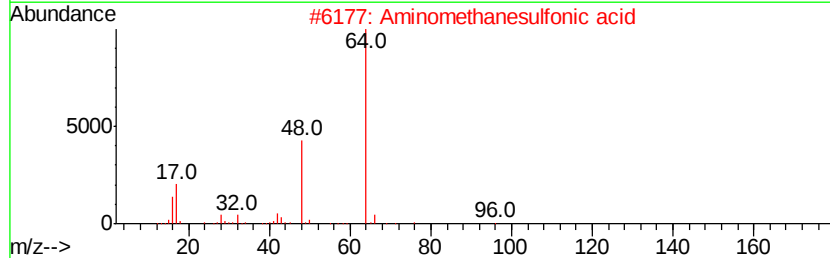
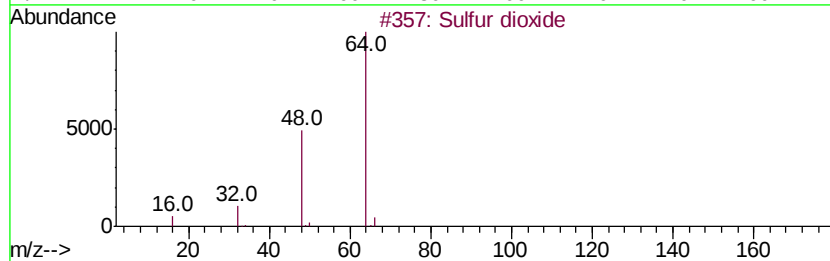
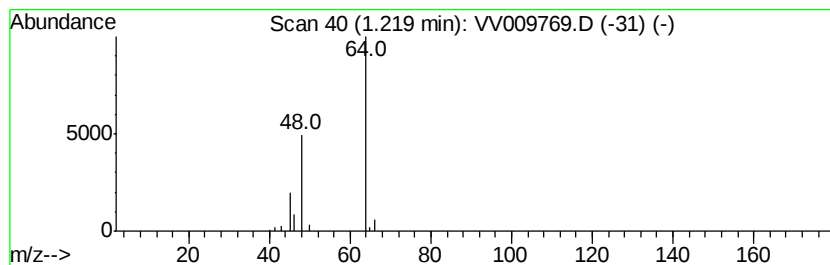
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	4.34 ug/L	27145	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	90
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.22	4.3	ug/L	27145	1	5.67	312555	50.0