

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009761.D
 Acq On : 18 Mar 2019 16:11
 Operator : SY/MD
 Sample : K1967-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A9

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	1.206	29	36	48	rBV	94482	128763	0.51%	0.214%
2	1.319	66	71	81	rVB	71156	67849	0.27%	0.113%
3	2.122	313	321	333	rVB	136508	193114	0.77%	0.320%
4	2.322	374	383	394	rBV3	6177	12598	0.05%	0.021%
5	2.409	407	410	413	rVB2	809	472	0.00%	0.001%
6	2.534	445	449	451	rBV	962	831	0.00%	0.001%
7	2.653	474	486	504	rVB	44839	96420	0.38%	0.160%
8	2.798	528	531	537	rBV	762	557	0.00%	0.001%
9	3.026	600	602	606	rVB	964	594	0.00%	0.001%
10	3.052	606	610	611	rBV	510	303	0.00%	0.001%
11	3.110	625	628	631	rBV2	439	366	0.00%	0.001%
12	3.245	666	670	673	rBV3	781	806	0.00%	0.001%
13	3.274	677	679	681	rVB	193	63	0.00%	0.000%
14	3.290	681	684	690	rBV2	433	378	0.00%	0.001%
15	3.319	690	693	695	rVB	372	218	0.00%	0.000%
16	3.348	695	702	707	rBV	858	904	0.00%	0.0002%
17	3.376	707	711	713	rVB	617	361	0.00%	0.001%
18	3.393	713	716	717	rBV	470	256	0.00%	0.000%
19	3.425	723	726	727	rBV	472	269	0.00%	0.000%
20	3.470	738	740	742	rBV	216	54	0.00%	0.000%
21	3.528	754	758	760	rBV	428	365	0.00%	0.001%
22	3.589	775	777	779	rVB	404	143	0.00%	0.000%
23	3.621	784	787	791	rVV2	577	450	0.00%	0.001%
24	3.730	818	821	823	rVB2	397	202	0.00%	0.000%
25	3.749	823	827	829	rBV	663	399	0.00%	0.001%
26	3.765	829	832	834	rVB	653	345	0.00%	0.001%
27	3.807	834	845	846	rBV5	1661	2352	0.01%	0.0004%
28	3.929	871	883	901	rBV	36240	97389	0.39%	0.162%
29	4.399	1013	1029	1055	rBV	81397	204439	0.81%	0.339%
30	4.563	1078	1080	1086	rVB2	964	799	0.00%	0.001%
31	4.589	1086	1088	1092	rBV	605	641	0.00%	0.001%
32	4.698	1117	1122	1124	rBV2	893	851	0.00%	0.001%
33	4.794	1150	1152	1154	rBV	368	198	0.00%	0.000%
34	4.881	1167	1179	1191	rVB7	3802	8455	0.03%	0.014%

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 Title : VOC Analysis

35	5.032	1221	1226	1227	rBV	459	407	0.00%	0.001%
36	5.097	1228	1246	1250	rBV2	203017	430540	1.71%	0.714%
37	5.515	1373	1376	1378	rBV2	644	426	0.00%	0.001%
38	5.592	1397	1400	1403	rBV2	897	796	0.00%	0.001%
39	5.663	1410	1422	1447	rBV	170318	337296	1.34%	0.560%
40	5.936	1505	1507	1510	rBV	380	172	0.00%	0.000%
41	5.997	1523	1526	1531	rBV2	363	389	0.00%	0.001%
42	6.058	1539	1545	1548	rBV	660	679	0.00%	0.001%
43	6.119	1549	1564	1584	rBV	111286	230379	0.92%	0.382%
44	6.318	1623	1626	1628	rBV	425	294	0.00%	0.000%
45	6.367	1637	1641	1644	rBV	777	642	0.00%	0.001%
46	6.386	1644	1647	1650	rBV	514	339	0.00%	0.001%
47	6.550	1694	1698	1699	rBV	523	363	0.00%	0.001%
48	6.662	1731	1733	1736	rBV2	341	155	0.00%	0.000%
49	6.958	1822	1825	1829	rBV	628	423	0.00%	0.001%
50	6.981	1829	1832	1835	rBV	628	468	0.00%	0.001%
51	7.029	1836	1847	1862	rVV	65812	115505	0.46%	0.192%
52	7.235	1908	1911	1914	rBV2	629	389	0.00%	0.001%
53	7.264	1917	1920	1925	rVB2	629	437	0.00%	0.001%
54	7.360	1937	1950	1967	rBV	241768	437329	1.74%	0.726%
55	7.550	2006	2009	2015	rBV3	842	850	0.00%	0.001%
56	7.608	2023	2027	2029	rBV	569	390	0.00%	0.001%
57	7.662	2034	2044	2066	rVB	46907	80844	0.32%	0.134%
58	7.743	2066	2069	2070	rBV	448	282	0.00%	0.000%
59	7.798	2079	2086	2088	rBV3	680	830	0.00%	0.001%
60	7.920	2119	2124	2128	rBV	524	516	0.00%	0.001%
61	7.942	2128	2131	2135	rBV2	467	467	0.00%	0.001%
62	8.019	2149	2155	2159	rBV4	1223	1374	0.01%	0.002%
63	8.061	2164	2168	2169	rBV2	552	408	0.00%	0.001%
64	8.135	2180	2191	2213	rBV	118338	223039	0.89%	0.370%
65	8.434	2282	2284	2287	rBV	444	233	0.00%	0.000%
66	8.502	2302	2305	2306	rBV	424	212	0.00%	0.000%
67	8.527	2310	2313	2318	rBV	604	590	0.00%	0.001%
68	8.605	2334	2337	2339	rBV2	424	306	0.00%	0.001%
69	8.640	2345	2348	2350	rBV	666	370	0.00%	0.001%
70	8.736	2376	2378	2381	rVB	241	117	0.00%	0.000%
71	8.765	2381	2387	2389	rBV	418	468	0.00%	0.001%

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72	8.823	2402	2405	2407	rBV	321	233	0.00%	0.000%
73	8.936	2416	2440	2480	rBV	14959937	25172582	100.00%	41.773%
74	9.804	2706	2710	2712	rBV	739	667	0.00%	0.001%
75	9.900	2737	2740	2744	rBV	638	380	0.00%	0.001%
76	10.190	2825	2830	2835	rBV2	1027	1165	0.00%	0.002%
77	10.264	2842	2853	2872	rVB	165426	268954	1.07%	0.446%
78	10.707	2989	2991	2994	rBV	459	272	0.00%	0.000%
79	10.749	3001	3004	3005	rBV	845	513	0.00%	0.001%
80	10.936	3059	3062	3068	rBV2	573	564	0.00%	0.001%
81	11.177	3135	3137	3140	rBV	712	440	0.00%	0.001%
82	11.228	3140	3153	3165	rBV	1271547	1996243	7.93%	3.313%
83	11.321	3166	3182	3206	rVB	5791077	9375884	37.25%	15.559%
84	11.694	3281	3298	3318	rBV	6379520	10098314	40.12%	16.758%
85	12.161	3437	3443	3453	rBV5	2214	3429	0.01%	0.006%
86	12.444	3521	3531	3544	rBV	50329	76273	0.30%	0.127%
87	12.630	3576	3589	3602	rBV4	23996	59401	0.24%	0.099%
88	12.694	3602	3609	3618	rVB4	11423	16680	0.07%	0.028%
89	12.797	3633	3641	3651	rVB2	26656	40551	0.16%	0.067%
90	13.264	3783	3786	3787	rBV	906	525	0.00%	0.001%
91	13.315	3787	3802	3826	rVV	5380326	8149323	32.37%	13.524%
92	13.794	3938	3951	3972	rBV	1262304	1929218	7.66%	3.202%
93	13.942	3995	3997	3998	rBV	850	398	0.00%	0.001%
94	14.553	4183	4187	4188	rBV2	1248	933	0.00%	0.002%
95	14.871	4271	4286	4300	rVB2	57854	114580	0.46%	0.190%
96	15.450	4455	4466	4481	rBV	165346	261339	1.04%	0.434%

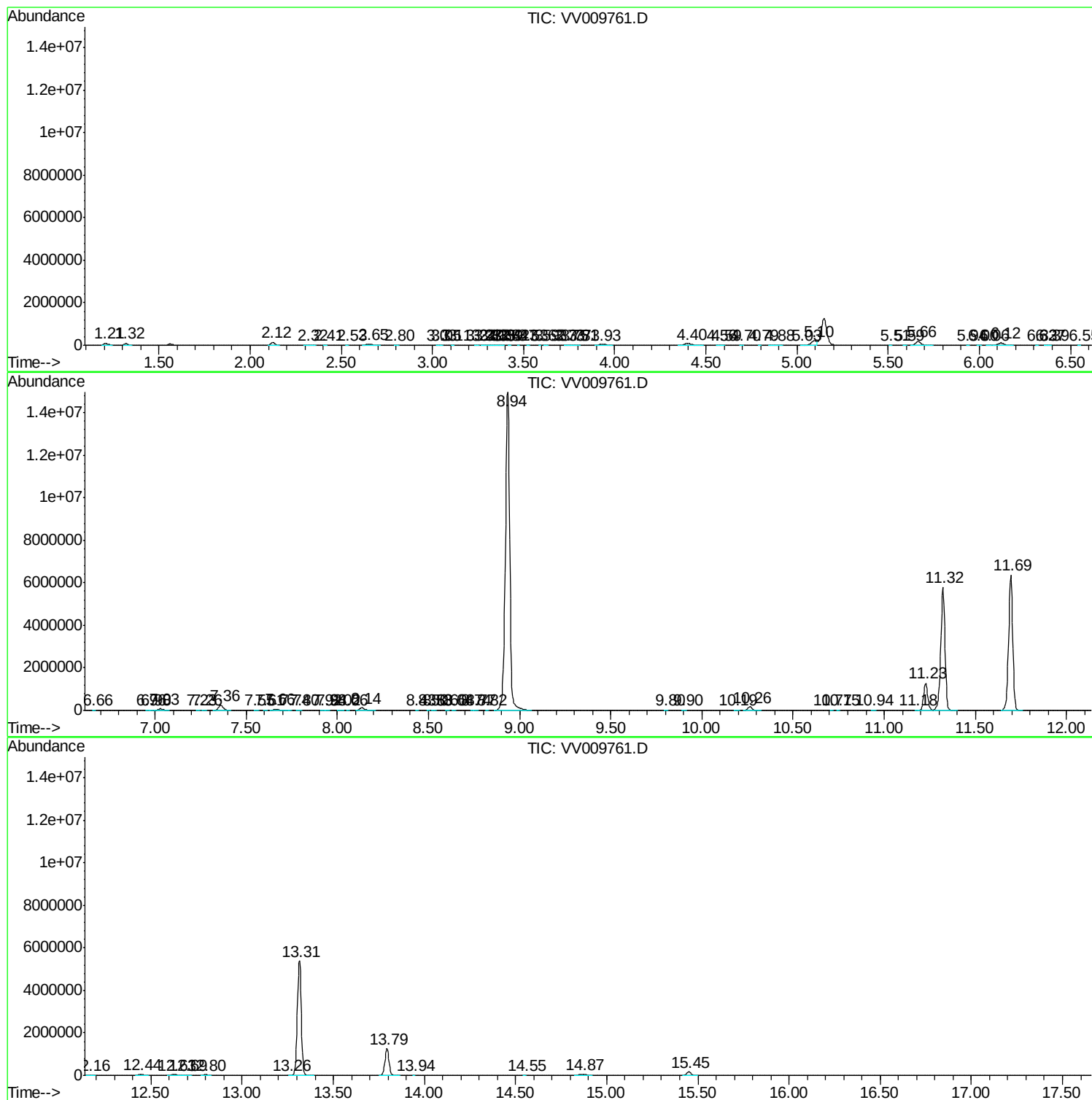
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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



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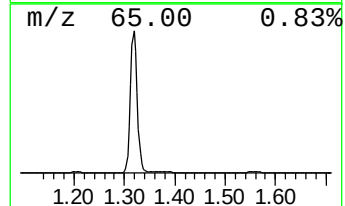
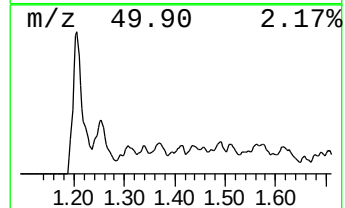
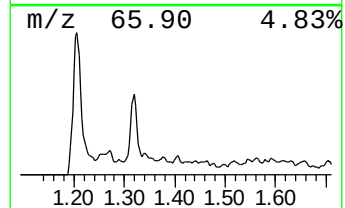
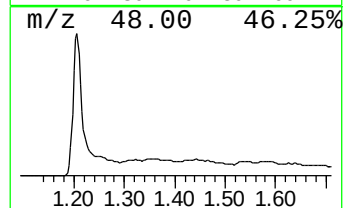
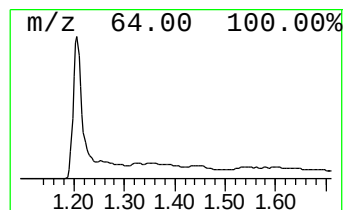
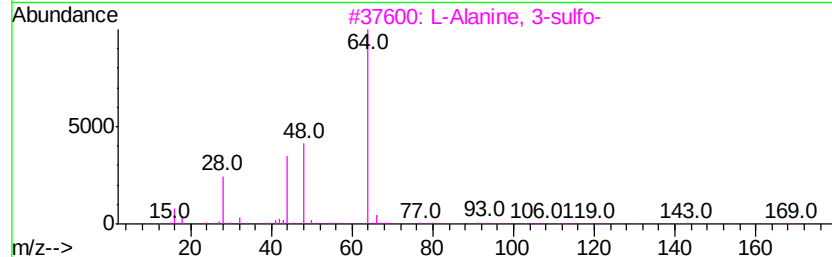
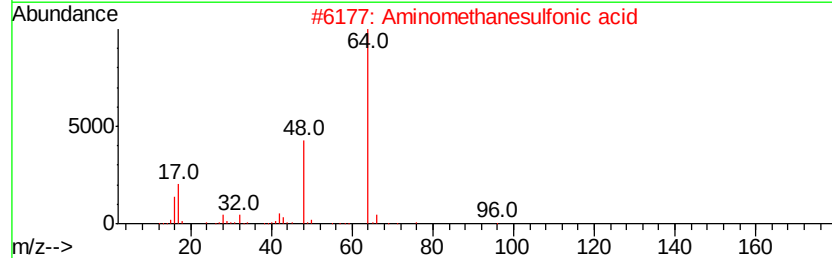
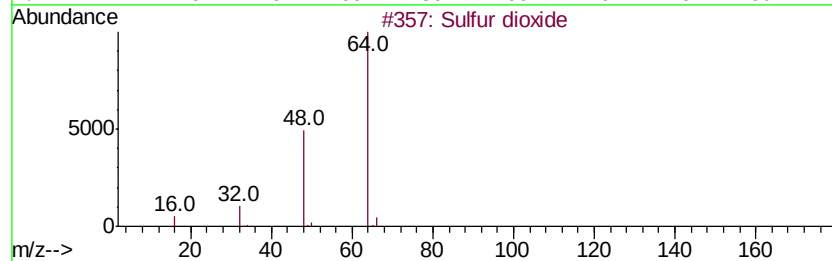
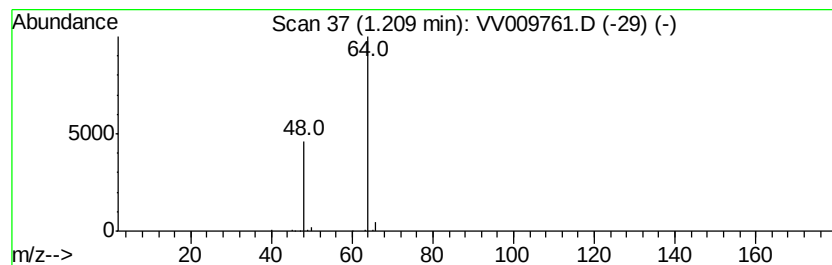
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	19.09 ug/L	128763	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	83
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		Sulfur dioxide	64	O2S	007446-09-5	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	19.1	ug/L	128763	1	5.66	337296	50.0