

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050818\
 Data File : VU023749.D
 Acq On : 08 May 2018 20:55
 Operator : MD/SY
 Sample : VIBLK49
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.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	0.616	5	8	15	rBV	121	116	0.01%	0.001%
2	0.809	65	68	75	rVB2	146	128	0.01%	0.001%
3	0.850	75	81	85	rBV2	143	152	0.01%	0.001%
4	0.950	107	112	113	rBV2	112	86	0.01%	0.001%
5	0.960	113	115	118	rVB	204	116	0.01%	0.001%
6	0.998	124	127	131	rVB2	171	109	0.01%	0.001%
7	1.059	135	146	148	rBV	1604	1957	0.15%	0.018%
8	1.088	148	155	180	rBV	335968	395099	30.52%	3.680%
9	1.182	180	184	194	rVB3	5875	6709	0.52%	0.062%
10	1.285	207	216	236	rBV	75740	209665	16.19%	1.953%
11	1.397	246	251	283	rVB	183141	247458	19.11%	2.305%
12	1.680	331	339	354	rBV	129812	163891	12.66%	1.527%
13	2.272	512	523	535	rBV	299341	453464	35.02%	4.224%
14	2.448	570	578	599	rVB3	3387	7849	0.61%	0.073%
15	2.561	609	613	618	rVB3	292	217	0.02%	0.002%
16	2.587	618	621	623	rBV	174	103	0.01%	0.001%
17	2.622	624	632	639	rVV3	784	1309	0.10%	0.012%
18	2.702	650	657	670	rVB3	2764	4751	0.37%	0.044%
19	2.847	696	702	705	rBV2	220	276	0.02%	0.003%
20	2.956	732	736	738	rBV	126	114	0.01%	0.001%
21	2.979	741	743	748	rVB2	354	265	0.02%	0.002%
22	3.095	776	779	780	rBV	165	89	0.01%	0.001%
23	3.130	787	790	803	rVB2	259	334	0.03%	0.003%
24	3.185	803	807	811	rBV2	151	137	0.01%	0.001%
25	3.227	817	820	826	rBV2	147	146	0.01%	0.001%
26	3.288	835	839	841	rBV2	113	94	0.01%	0.001%
27	3.378	865	867	870	rBV	124	96	0.01%	0.001%
28	3.416	876	879	882	rBV	145	106	0.01%	0.001%
29	3.458	890	892	895	rBV	163	89	0.01%	0.001%
30	3.619	938	942	945	rBV2	152	119	0.01%	0.001%
31	3.735	972	978	981	rBV2	166	195	0.02%	0.002%
32	3.783	988	993	1000	rBV2	170	250	0.02%	0.002%
33	3.857	1007	1016	1021	rBV2	254	404	0.03%	0.004%
34	4.101	1087	1092	1097	rBV	202	244	0.02%	0.002%

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 Title : VOC Analysis

35	4.178	1102	1116	1145	rBV	123852	326325	25.20%	3.039%
36	4.500	1213	1216	1218	rBV	162	118	0.01%	0.001%
37	4.554	1228	1233	1235	rBV	163	165	0.01%	0.002%
38	4.651	1247	1263	1290	rBV	206360	484772	37.44%	4.515%
39	4.808	1310	1312	1315	rBV3	348	155	0.01%	0.001%
40	4.889	1330	1337	1339	rBV3	543	652	0.05%	0.006%
41	4.989	1362	1368	1369	rBV2	373	298	0.02%	0.003%
42	4.998	1369	1371	1378	rVV3	507	386	0.03%	0.004%
43	5.056	1382	1389	1391	rBV2	104	109	0.01%	0.001%
44	5.072	1391	1394	1398	rBV2	134	114	0.01%	0.001%
45	5.133	1411	1413	1419	rVB	208	193	0.01%	0.002%
46	5.169	1419	1424	1428	rVB2	133	131	0.01%	0.001%
47	5.207	1433	1436	1440	rBV	216	212	0.02%	0.002%
48	5.345	1454	1479	1522	rBV2	428591	1294767	100.00%	12.060%
49	5.680	1580	1583	1586	rVB3	358	254	0.02%	0.002%
50	5.699	1586	1589	1595	rVB2	183	162	0.01%	0.002%
51	5.738	1598	1601	1603	rBV2	223	111	0.01%	0.001%
52	5.792	1613	1618	1621	rBV2	333	360	0.03%	0.003%
53	5.892	1633	1649	1691	rBV	384288	789272	60.96%	7.351%
54	6.194	1731	1743	1755	rVV4	4953	9534	0.74%	0.089%
55	6.336	1772	1787	1809	rBV	286048	576831	44.55%	5.373%
56	6.590	1861	1866	1872	rBV2	138	138	0.01%	0.001%
57	6.857	1947	1949	1952	rBV	153	109	0.01%	0.001%
58	6.934	1970	1973	1975	rBV	159	93	0.01%	0.001%
59	7.053	2008	2010	2014	rVB	190	113	0.01%	0.001%
60	7.075	2014	2017	2019	rBV2	126	98	0.01%	0.001%
61	7.127	2030	2033	2037	rBV2	147	115	0.01%	0.001%
62	7.175	2040	2048	2052	rBV	619	690	0.05%	0.006%
63	7.233	2053	2066	2091	rVV	151348	270101	20.86%	2.516%
64	7.400	2114	2118	2119	rBV2	406	258	0.02%	0.002%
65	7.435	2126	2129	2130	rBV	301	130	0.01%	0.001%
66	7.570	2157	2171	2216	rBV	584252	1046436	80.82%	9.747%
67	7.853	2247	2259	2280	rBV	101483	175857	13.58%	1.638%
68	7.995	2300	2303	2305	rVB	239	133	0.01%	0.001%
69	8.056	2319	2322	2326	rBV2	142	122	0.01%	0.001%
70	8.181	2350	2361	2372	rVB	1477	2667	0.21%	0.025%
71	8.233	2372	2377	2383	rBV4	930	1269	0.10%	0.012%

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 Title : VOC Analysis

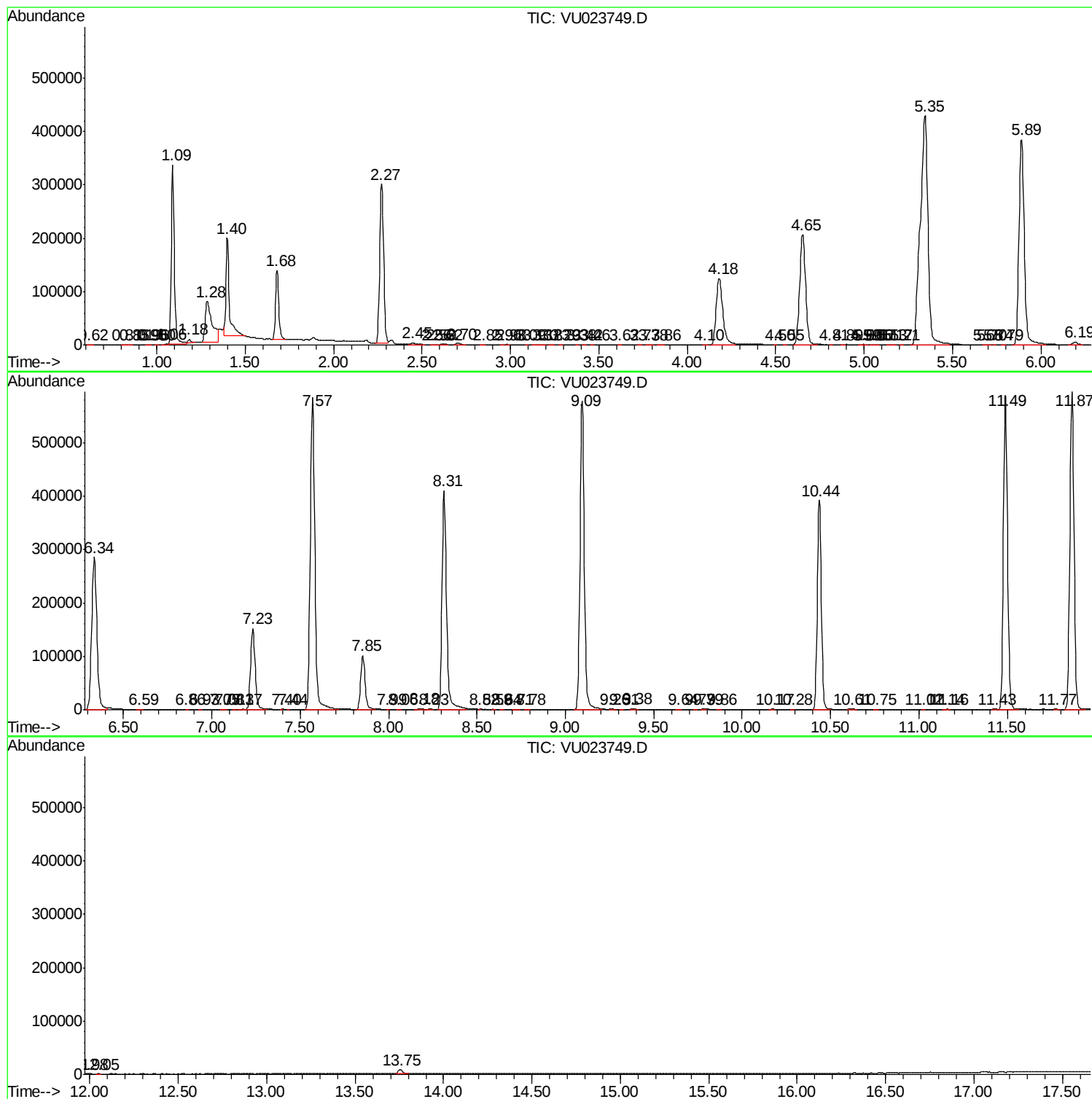
72	8.313	2390	2402	2441	rBV	410481	719975	55.61%	6.706%
73	8.516	2463	2465	2466	rBV	205	101	0.01%	0.001%
74	8.590	2486	2488	2493	rBV3	330	198	0.02%	0.002%
75	8.641	2500	2504	2507	rBV	299	197	0.02%	0.002%
76	8.712	2522	2526	2535	rBV2	285	302	0.02%	0.003%
77	8.783	2544	2548	2553	rBV2	188	202	0.02%	0.002%
78	9.094	2631	2645	2680	rBV	577479	967018	74.69%	9.007%
79	9.258	2692	2696	2705	rVB4	1064	1346	0.10%	0.013%
80	9.310	2710	2712	2717	rBV2	213	168	0.01%	0.002%
81	9.384	2728	2735	2743	rVB3	1365	1925	0.15%	0.018%
82	9.641	2809	2815	2819	rBV2	251	304	0.02%	0.003%
83	9.734	2841	2844	2847	rBV	201	171	0.01%	0.002%
84	9.786	2854	2860	2863	rBV3	524	712	0.05%	0.007%
85	9.863	2881	2884	2889	rBV	146	100	0.01%	0.001%
86	10.172	2974	2980	2984	rBV2	772	760	0.06%	0.007%
87	10.281	3011	3014	3017	rBV2	217	131	0.01%	0.001%
88	10.435	3050	3062	3082	rBV	392483	629263	48.60%	5.861%
89	10.612	3112	3117	3128	rVB3	1049	1726	0.13%	0.016%
90	10.754	3158	3161	3166	rBV	223	160	0.01%	0.001%
91	11.020	3242	3244	3247	rBV2	137	85	0.01%	0.001%
92	11.143	3279	3282	3284	rBV2	204	150	0.01%	0.001%
93	11.159	3284	3287	3292	rVV3	263	247	0.02%	0.002%
94	11.429	3365	3371	3376	rVB4	847	1021	0.08%	0.010%
95	11.487	3377	3389	3414	rBV	587431	949221	73.31%	8.841%
96	11.773	3474	3478	3485	rVB4	773	726	0.06%	0.007%
97	11.866	3493	3507	3529	rBV	595043	965749	74.59%	8.995%
98	11.982	3538	3543	3544	rBV2	578	475	0.04%	0.004%
99	12.049	3559	3564	3567	rBV3	342	381	0.03%	0.004%
100	13.753	4086	4094	4109	rBV2	7917	14172	1.09%	0.132%

Sum of corrected areas: 10736373

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Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
Quant Title : VOC Analysis

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



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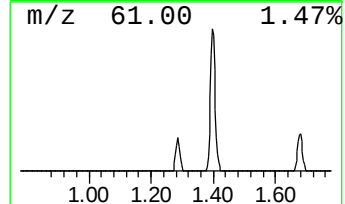
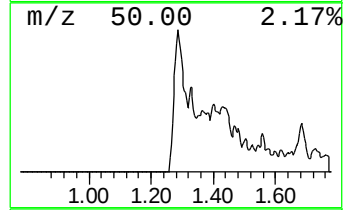
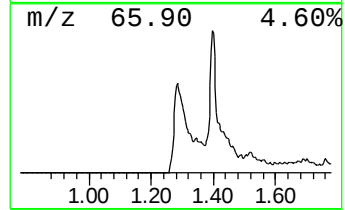
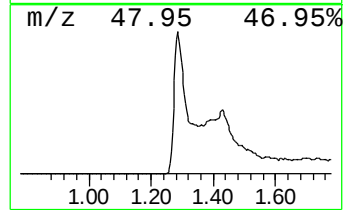
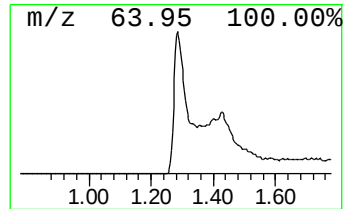
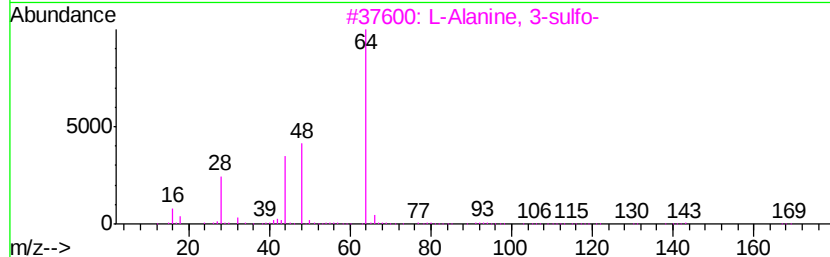
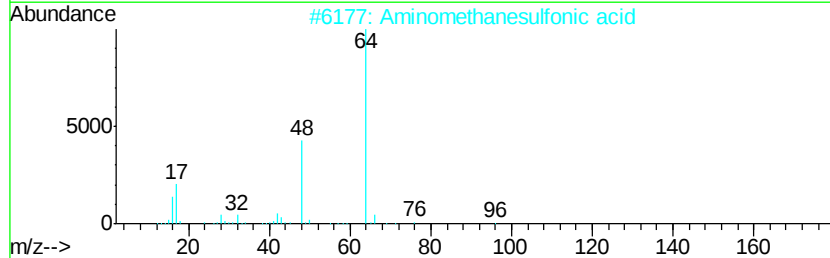
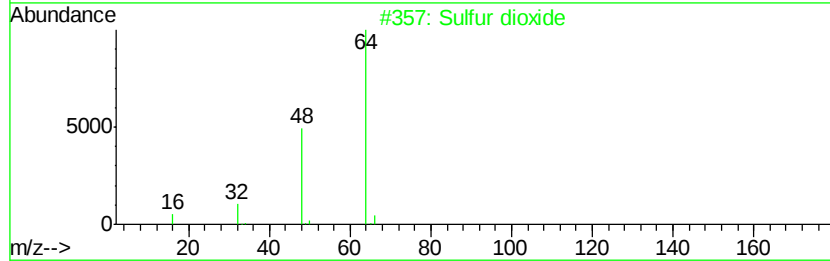
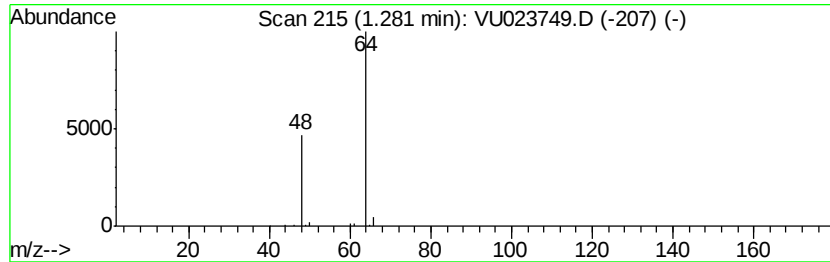
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	13.28 ug/L	209665	1,4-Difluorobenzene	5.89

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		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.28	13.3	ug/L	209665	1	5.89	789272	50.0