

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037711.D
 Acq On : 14 Apr 2020 20:41
 Operator : JC/MD
 Sample : L2275-11
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQC9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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_U\METHOD\SOMUTR041420WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.372	4	10	13	rBV2	18550	18070	1.28%	0.152%
2	1.398	13	18	28	rVB2	62978	73278	5.21%	0.615%
3	1.494	36	48	74	rBV	300805	1187579	84.38%	9.961%
4	1.610	76	84	93	rVB2	198551	327029	23.24%	2.743%
5	1.932	177	184	208	rVB	141440	229940	16.34%	1.929%
6	2.430	334	339	351	rVB3	13124	22064	1.57%	0.185%
7	2.501	353	361	374	rVB3	8749	17137	1.22%	0.144%
8	2.591	377	389	402	rBV	232730	379727	26.98%	3.185%
9	2.655	402	409	417	rVV2	11266	18397	1.31%	0.154%
10	2.713	419	427	436	rVB2	10768	17793	1.26%	0.149%
11	3.893	780	794	808	rBV3	13525	33315	2.37%	0.279%
12	4.665	1019	1034	1040	rBV	213780	450533	32.01%	3.779%
13	5.102	1153	1170	1188	rBV	210372	458750	32.60%	3.848%
14	5.761	1353	1375	1405	rBV2	426720	1102699	78.35%	9.249%
15	6.282	1521	1537	1554	rBV	365804	687488	48.85%	5.766%
16	6.571	1614	1627	1644	rBV2	120578	226870	16.12%	1.903%
17	6.723	1654	1674	1693	rBV	268639	518792	36.86%	4.351%
18	7.591	1931	1944	1964	rBV	150954	262995	18.69%	2.206%
19	7.922	2033	2047	2063	rBV	551258	937523	66.61%	7.863%
20	8.202	2122	2134	2152	rBV2	97856	165908	11.79%	1.392%
21	8.510	2214	2230	2241	rBV2	36808	74123	5.27%	0.622%
22	8.575	2241	2250	2261	rVB3	18453	30254	2.15%	0.254%
23	8.655	2261	2275	2300	rBV	818835	1407417	100.00%	11.804%
24	9.436	2505	2518	2536	rBV	512577	854523	60.72%	7.167%
25	10.703	2902	2912	2922	rVB2	15667	25841	1.84%	0.217%
26	10.774	2922	2934	2945	rBV	194241	314518	22.35%	2.638%
27	10.906	2961	2975	2988	rVV4	23021	39492	2.81%	0.331%
28	10.980	2988	2998	3013	rVV	17421	28432	2.02%	0.238%
29	11.767	3234	3243	3250	rBV4	9273	15110	1.07%	0.127%
30	11.825	3250	3261	3275	rVB	551477	865777	61.52%	7.262%
31	11.954	3288	3301	3309	rBV6	10459	23419	1.66%	0.196%
32	11.992	3309	3313	3328	rVB4	10018	17321	1.23%	0.145%
33	12.079	3328	3340	3349	rBV3	31585	55923	3.97%	0.469%
34	12.208	3367	3380	3401	rVB	503705	831422	59.07%	6.973%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Title : TRACE VOA SOM01.0

35	12.693	3516	3531	3545	rBV7	7163	20026	1.42%	0.168%
36	12.912	3593	3599	3611	rVB9	11351	18986	1.35%	0.159%
37	13.008	3621	3629	3638	rBV4	11071	21809	1.55%	0.183%
38	13.060	3640	3645	3655	rVB4	9427	14442	1.03%	0.121%
39	13.140	3656	3670	3690	rVB6	16564	40530	2.88%	0.340%
40	13.877	3886	3899	3913	rVB9	8703	26113	1.86%	0.219%
41	15.224	4304	4318	4328	rBV	37667	61359	4.36%	0.515%

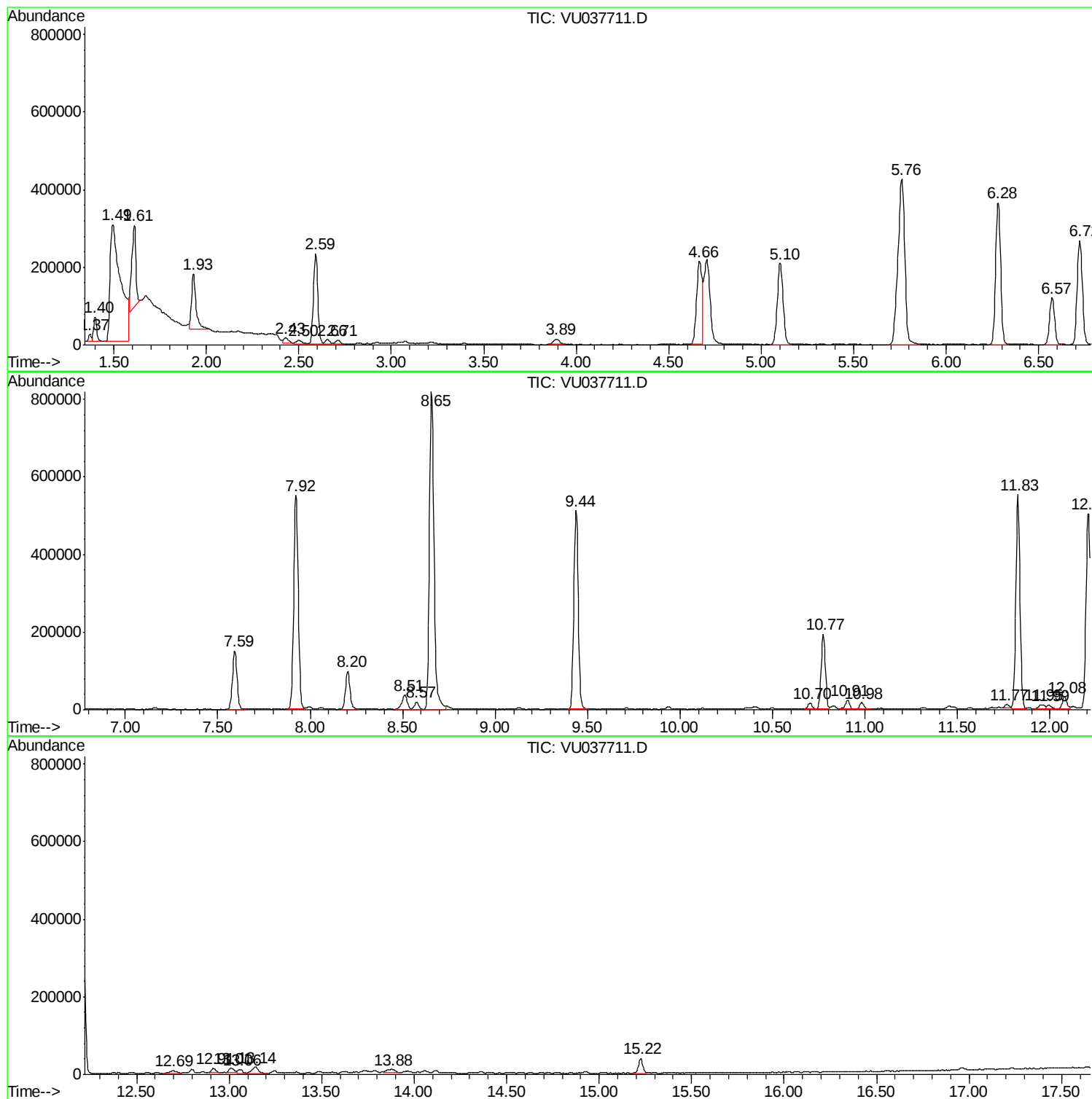
Sum of corrected areas: 11922724

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
Quant Title : TRACE VOA SOM01.0

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



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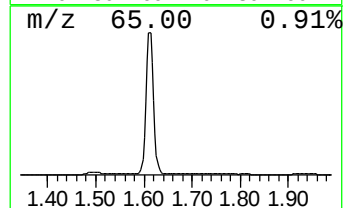
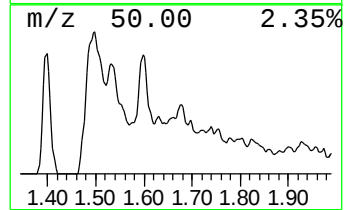
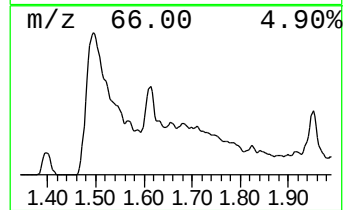
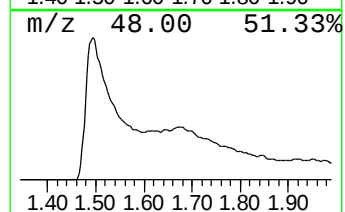
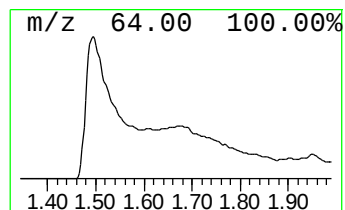
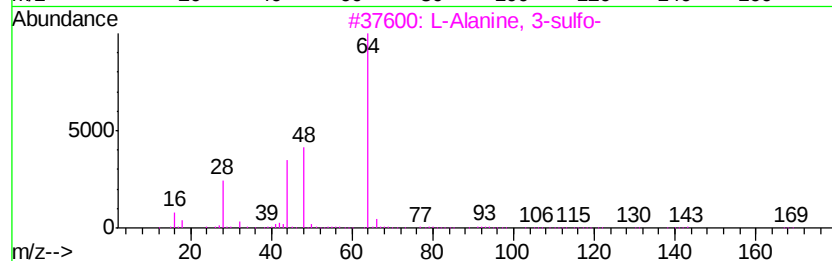
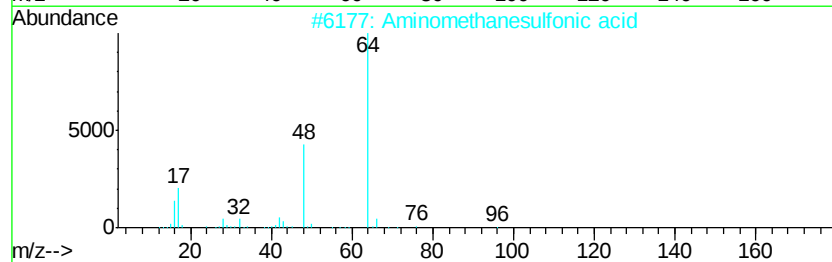
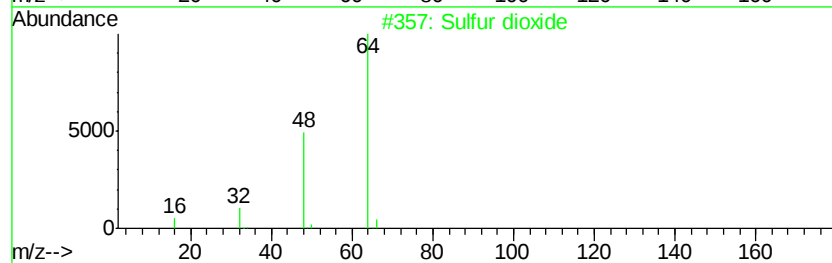
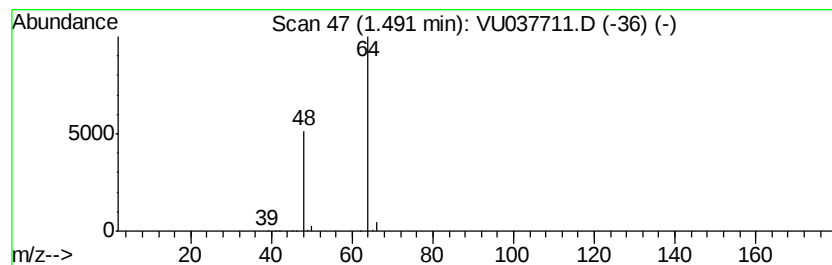
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.49	8.64 ug/L	1187580	1,4-Difluorobenzene	6.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
4	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.49	8.6	ug/L	1187580	1	6.28	687488	5.0