

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028328.D
 Acq On : 04 Oct 2022 14:40
 Operator : SY/MD
 Sample : N4730-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

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_V\Method\SFAMVTR100322WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	16	20	39	rVB2	14897	27602	3.74%	0.413%
2	1.304	72	82	96	rBV2	234382	267533	36.24%	4.004%
3	1.388	97	108	142	rBV	88026	391923	53.10%	5.866%
4	1.561	156	162	178	rVB	87351	106568	14.44%	1.595%
5	2.102	320	330	352	rVB	170623	260128	35.24%	3.894%
6	2.761	525	535	545	rBV4	6438	11941	1.62%	0.179%
7	3.902	877	890	937	rBV2	178858	545624	73.92%	8.167%
8	4.343	1010	1027	1053	rBV	111252	289419	39.21%	4.332%
9	5.040	1227	1244	1280	rBV3	266093	738139	100.00%	11.049%
10	5.613	1408	1422	1448	rBV	189581	393024	53.25%	5.883%
11	5.921	1505	1518	1533	rBV7	8450	17198	2.33%	0.257%
12	6.066	1545	1563	1576	rBV	148539	317939	43.07%	4.759%
13	6.986	1838	1849	1880	rBV	67184	132502	17.95%	1.983%
14	7.314	1939	1951	1970	rBV	286251	507354	68.73%	7.594%
15	7.622	2034	2047	2067	rBV2	40506	77034	10.44%	1.153%
16	8.088	2181	2192	2212	rBV	321941	609093	82.52%	9.117%
17	8.847	2415	2428	2450	rBV	299306	505975	68.55%	7.573%
18	9.140	2512	2519	2530	rBV4	5219	8530	1.16%	0.128%
19	10.214	2839	2853	2873	rBV	122309	198273	26.86%	2.968%
20	10.352	2888	2896	2915	rVB3	5204	12570	1.70%	0.188%
21	10.452	2915	2927	2930	rBV3	5796	8923	1.21%	0.134%
22	10.471	2930	2933	2944	rVB3	7188	9672	1.31%	0.145%
23	10.538	2944	2954	2964	rBV4	12731	20606	2.79%	0.308%
24	10.738	3007	3016	3024	rBV2	7103	10859	1.47%	0.163%
25	10.915	3062	3071	3085	rVB3	14066	20965	2.84%	0.314%
26	11.191	3149	3157	3164	rBV4	6875	9923	1.34%	0.149%
27	11.246	3164	3174	3193	rVV	309622	484506	65.64%	7.252%
28	11.336	3193	3202	3212	rVB	13814	21186	2.87%	0.317%
29	11.529	3251	3262	3271	rBV4	17840	38503	5.22%	0.576%
30	11.622	3281	3291	3311	rVB	303917	505909	68.54%	7.573%
31	11.818	3342	3352	3363	rBV2	7495	10975	1.49%	0.164%
32	11.908	3371	3380	3385	rBV2	10955	16117	2.18%	0.241%
33	11.937	3385	3389	3401	rVV2	9135	13923	1.89%	0.208%
34	12.014	3404	3413	3430	rVB2	14484	24372	3.30%	0.365%
35	12.310	3495	3505	3515	rBV4	5894	9322	1.26%	0.140%
36	12.410	3528	3536	3545	rBV2	8723	12388	1.68%	0.185%

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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_V\Method\SFAMVTR100322WMA.M
Title : TRACE VOA SFAM1.0

37	12.464	3545	3553	3563	rVB	15001	22175	3.00%	0.332%
38	12.879	3670	3682	3692	rVB4	14044	22175	3.00%	0.332%

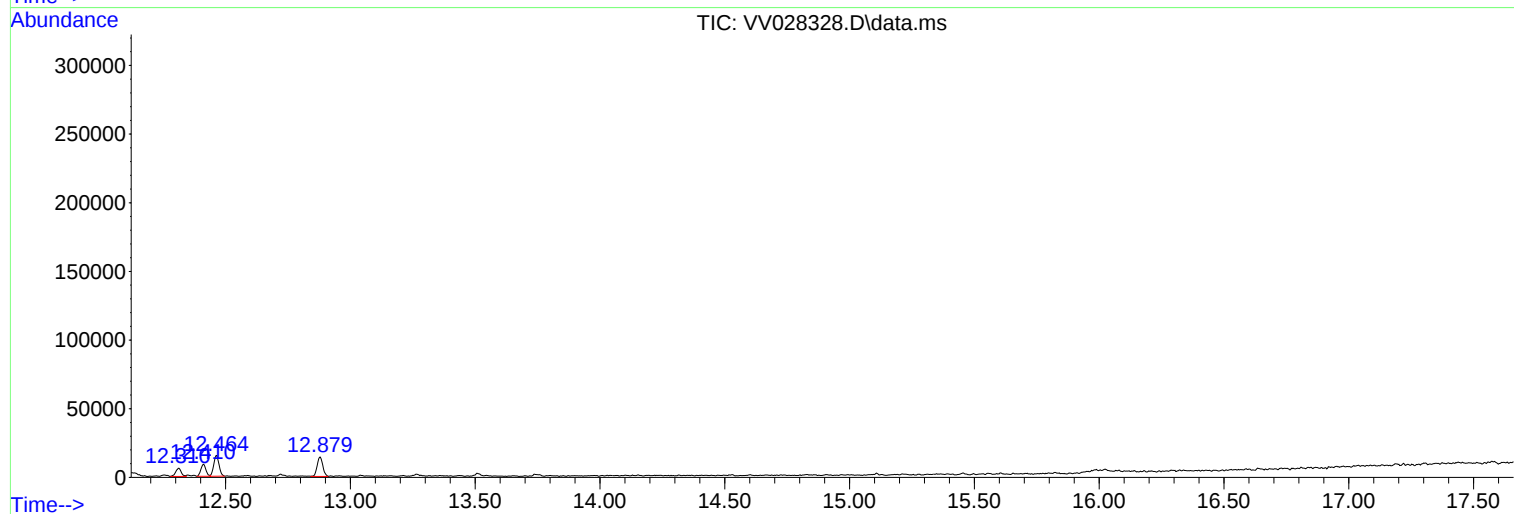
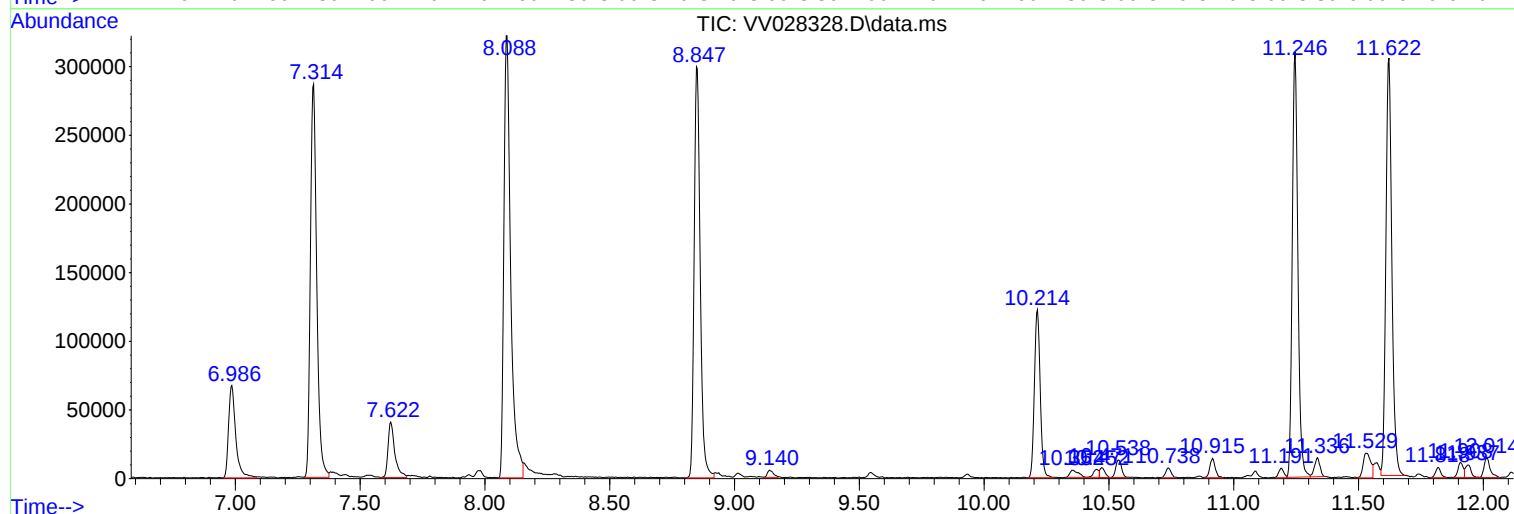
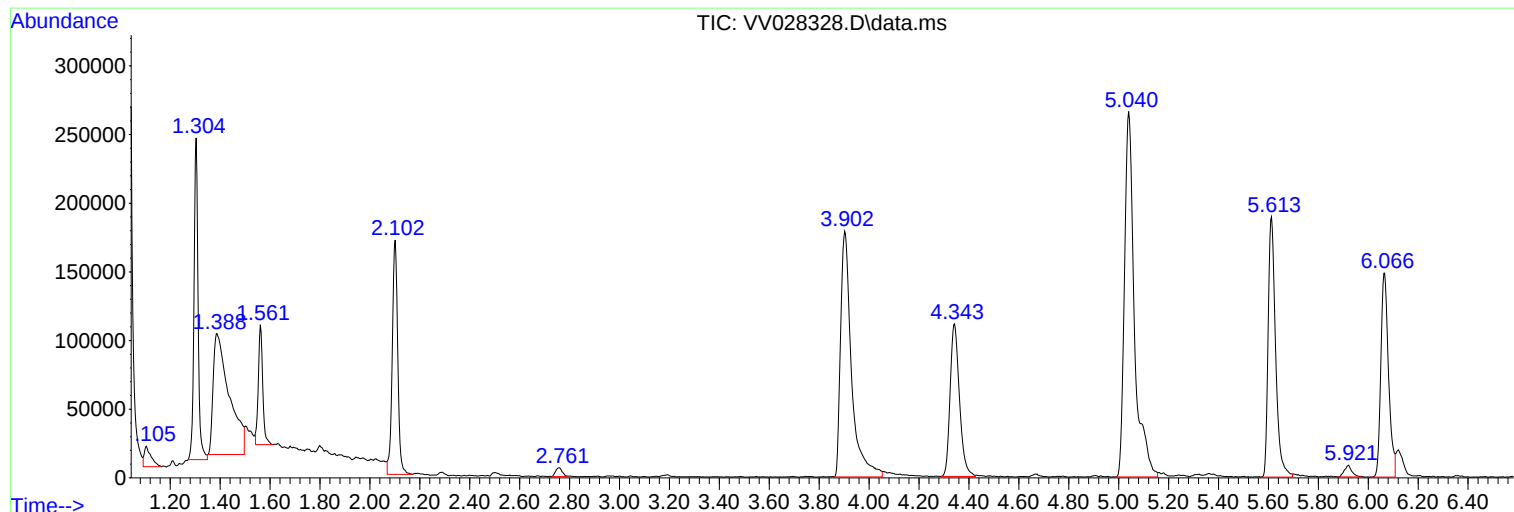
Sum of corrected areas: 6680868

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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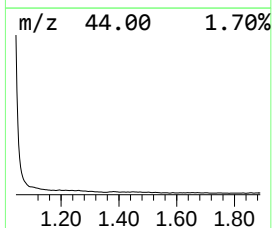
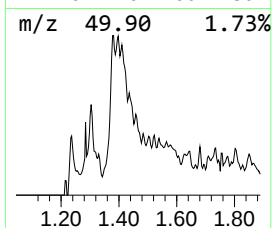
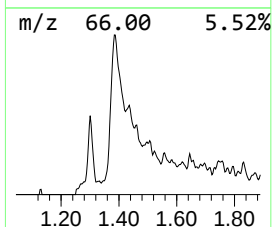
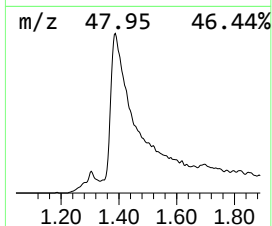
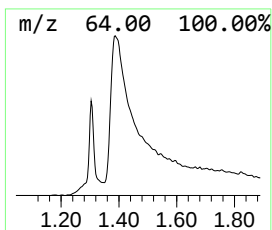
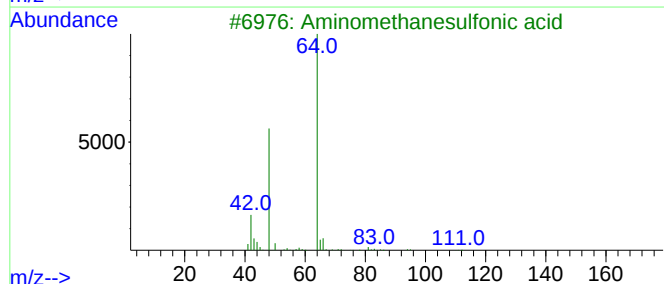
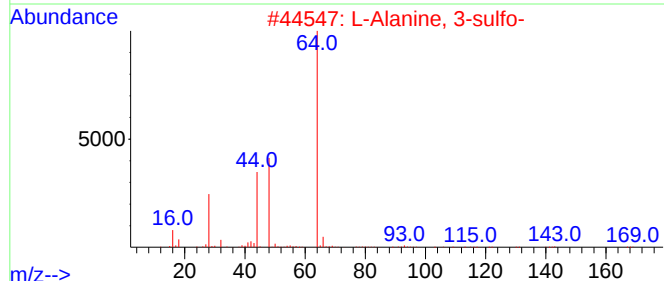
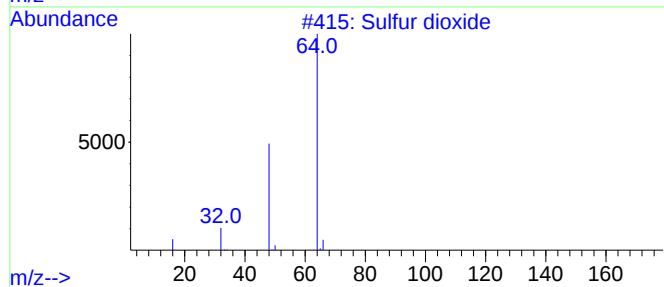
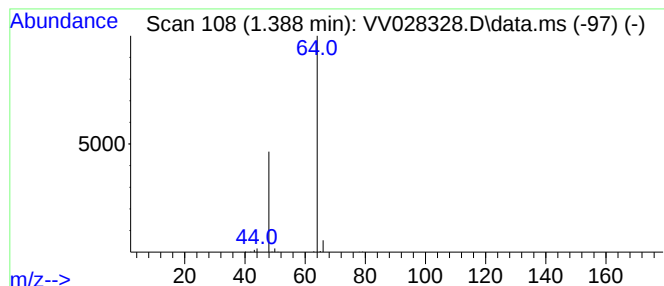
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.388	4.99 ug/L	391923	1,4-Difluorobenzene	5.613

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.388	5.0	ug/L	391923	1	5.613	393024	5.0