

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056293.D
 Acq On : 14 Nov 2023 09:00
 Operator : MD/SY
 Sample : 05371-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN5

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\SFAMUTR111323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU056293.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.483	50	60	85	rBV2	47398	155871	17.52%	1.807%
2	1.595	88	95	105	rVB	88006	109487	12.30%	1.269%
3	1.727	130	136	145	rVB	27233	34121	3.83%	0.396%
4	1.911	185	193	205	rBV	80935	107943	12.13%	1.251%
5	2.563	383	396	411	rBV2	172975	298745	33.57%	3.463%
6	3.181	574	588	605	rBV	5018	11284	1.27%	0.131%
7	4.637	1021	1041	1085	rBV2	75191	309749	34.81%	3.591%
8	4.820	1092	1098	1113	rVB4	4920	11238	1.26%	0.130%
9	5.058	1156	1172	1190	rBV	155662	355611	39.96%	4.123%
10	5.309	1242	1250	1264	rVB5	4924	10445	1.17%	0.121%
11	5.721	1355	1378	1406	rBV2	305418	789637	88.73%	9.154%
12	6.245	1527	1541	1571	rBV	359694	702488	78.94%	8.144%
13	6.541	1621	1633	1647	rBV4	31094	62154	6.98%	0.721%
14	6.685	1661	1678	1698	rBV	186098	372319	41.84%	4.316%
15	7.164	1813	1827	1836	rBV6	5064	10854	1.22%	0.126%
16	7.563	1938	1951	1969	rBV2	86633	159325	17.90%	1.847%
17	7.894	2040	2054	2076	rBV	360344	652193	73.29%	7.561%
18	8.177	2131	2142	2159	rBV2	50171	87369	9.82%	1.013%
19	8.547	2244	2257	2272	rBV	396846	683405	76.80%	7.923%
20	8.631	2273	2283	2312	rBV	380415	774618	87.05%	8.980%
21	8.743	2312	2318	2326	rVV3	13058	18427	2.07%	0.214%
22	8.926	2366	2375	2383	rBV6	9949	17883	2.01%	0.207%
23	9.058	2398	2416	2431	rBV9	9255	26824	3.01%	0.311%
24	9.129	2431	2438	2447	rVV3	8427	13004	1.46%	0.151%
25	9.219	2458	2466	2476	rVB7	8395	14263	1.60%	0.165%
26	9.344	2493	2505	2514	rBV5	23316	44440	4.99%	0.515%
27	9.412	2514	2526	2548	rVB	510902	889887	100.00%	10.316%
28	9.798	2637	2646	2654	rBV6	6894	10662	1.20%	0.124%
29	10.666	2904	2916	2925	rBV4	5523	8989	1.01%	0.104%
30	10.753	2931	2943	2962	rBV	132954	218915	24.60%	2.538%
31	11.389	3128	3141	3152	rBV4	16390	30000	3.37%	0.348%
32	11.450	3152	3160	3166	rBV3	11848	17287	1.94%	0.200%
33	11.630	3204	3216	3227	rVV5	33462	64918	7.30%	0.753%
34	11.692	3227	3235	3243	rVB3	22822	35584	4.00%	0.413%
35	11.807	3258	3271	3292	rBV	499924	845001	94.96%	9.796%
36	11.939	3301	3312	3316	rBV2	16297	27584	3.10%	0.320%

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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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

37	11.968	3316	3321	3335	rVB2	24620	34407	3.87%	0.399%
38	12.077	3344	3355	3362	rBV2	6553	13451	1.51%	0.156%
39	12.187	3372	3389	3409	rVB	339429	584434	65.68%	6.775%
40	12.392	3444	3453	3464	rVB7	5445	11217	1.26%	0.130%

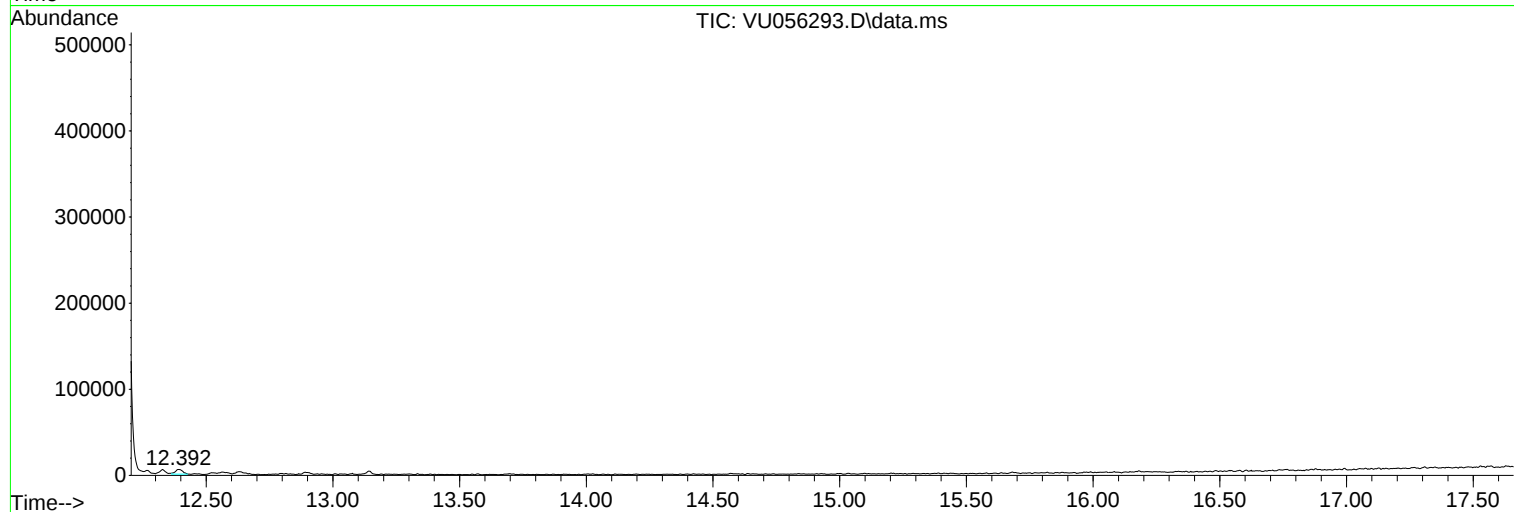
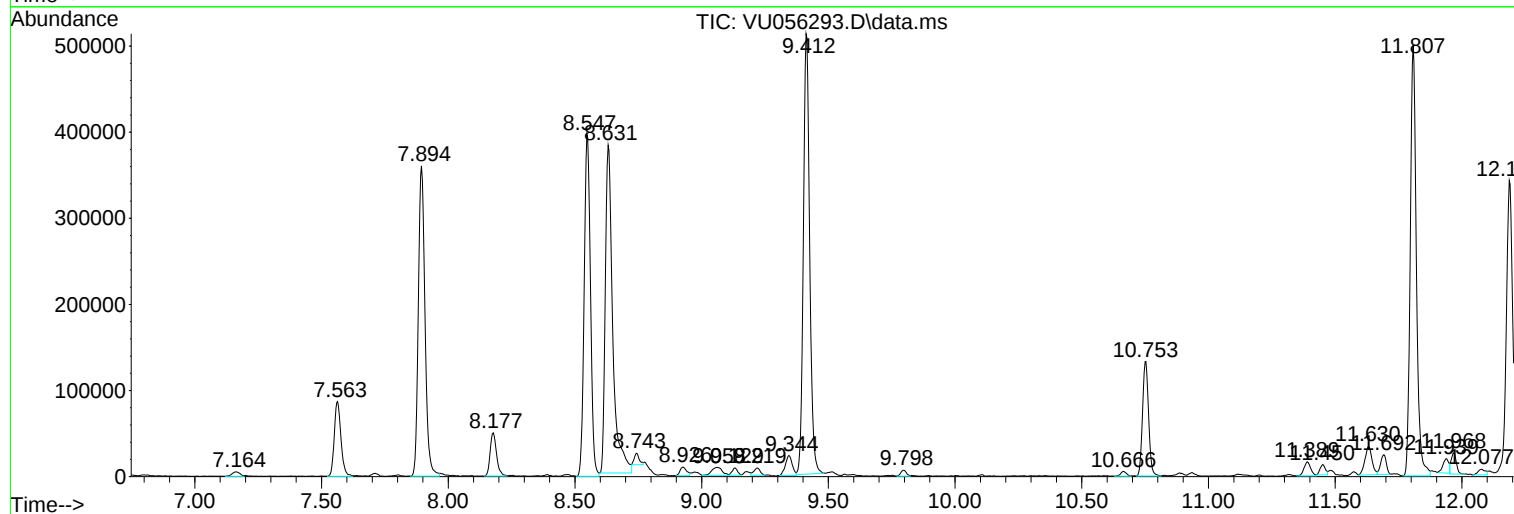
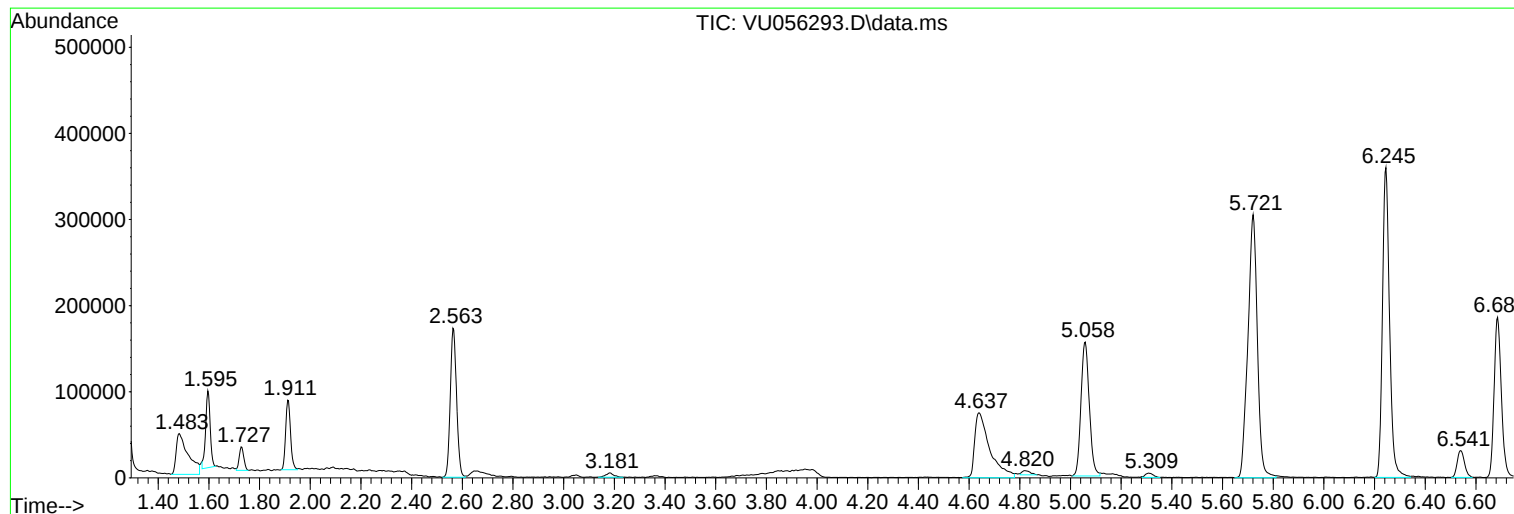
Sum of corrected areas: 8626033

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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ClientSampleId :
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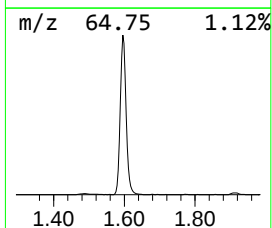
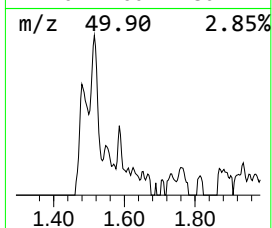
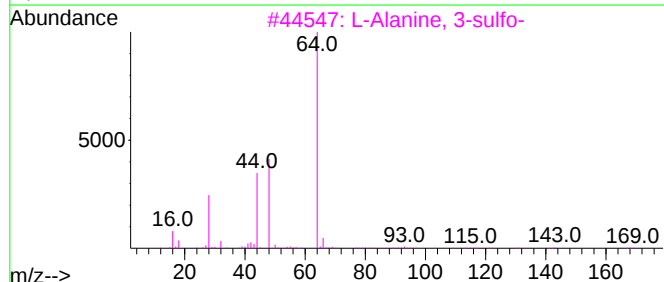
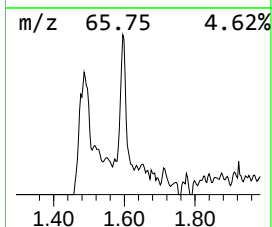
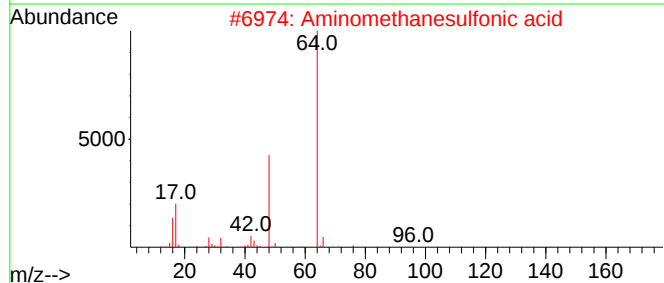
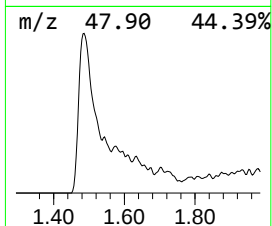
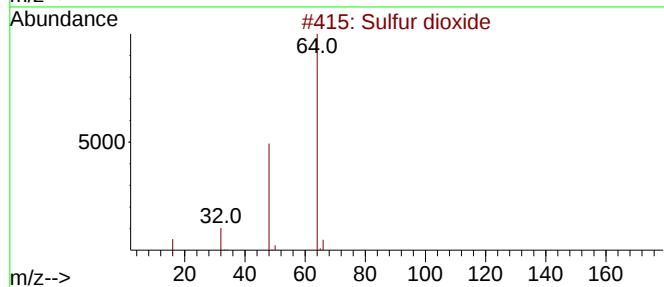
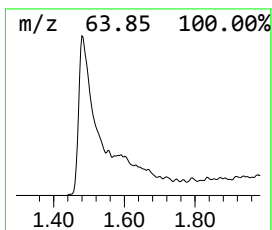
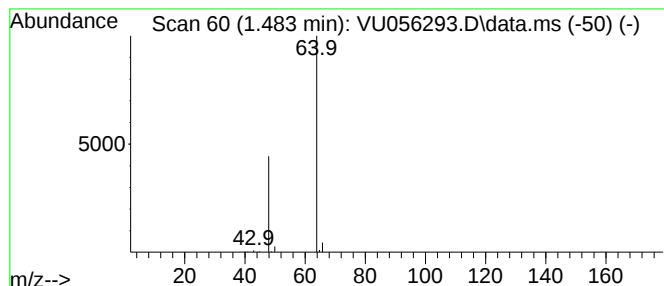
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.483	1.11 ug/L	155871	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.483	1.1	ug/L	155871	1	6.245	702488	5.0