

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061703.D
 Acq On : 15 Nov 2024 04:46
 Operator : MD/SY
 Sample : P4804-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46R9

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\SFAMUTR111324WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU061703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	16	21	32	rVB3	9195	11595	1.96%	0.216%
2	1.541	66	78	84	rBV2	25614	64495	10.91%	1.203%
3	1.599	88	96	109	rVB3	164134	220098	37.24%	4.106%
4	1.911	185	193	207	rVB	55590	73799	12.49%	1.377%
5	1.991	213	218	229	rVB3	10618	14315	2.42%	0.267%
6	2.560	383	395	413	rBV	110678	185149	31.33%	3.454%
7	3.351	630	641	657	rVB4	7103	14424	2.44%	0.269%
8	3.859	788	799	816	rBV3	2910	6622	1.12%	0.124%
9	4.650	1025	1045	1086	rBV3	86693	294791	49.88%	5.500%
10	5.052	1155	1170	1195	rBV	106237	243533	41.21%	4.543%
11	5.628	1336	1349	1358	rBV4	4641	10057	1.70%	0.188%
12	5.718	1358	1377	1408	rVV3	214181	591011	100.00%	11.026%
13	6.242	1528	1540	1571	rBV	186051	374528	63.37%	6.987%
14	6.499	1608	1620	1628	rBV4	6314	12815	2.17%	0.239%
15	6.682	1663	1677	1704	rBV	130703	276289	46.75%	5.154%
16	6.795	1706	1712	1722	rVB7	4101	7279	1.23%	0.136%
17	7.560	1939	1950	1980	rBV	59914	120277	20.35%	2.244%
18	7.891	2033	2053	2073	rBV	263444	478284	80.93%	8.923%
19	8.029	2086	2096	2113	rVB2	12142	23206	3.93%	0.433%
20	8.174	2129	2141	2152	rBV2	33023	59235	10.02%	1.105%
21	8.232	2154	2159	2169	rVB4	5060	8344	1.41%	0.156%
22	8.306	2172	2182	2192	rVV4	10507	18078	3.06%	0.337%
23	8.631	2271	2283	2324	rBV2	263838	572602	96.89%	10.682%
24	8.917	2359	2372	2383	rBV3	9730	17877	3.02%	0.334%
25	9.409	2512	2525	2550	rBV	261395	472556	79.96%	8.816%
26	9.682	2599	2610	2625	rBV9	10574	25198	4.26%	0.470%
27	9.875	2656	2670	2680	rBV9	6178	13861	2.35%	0.259%
28	10.058	2717	2727	2736	rVB3	8564	13476	2.28%	0.251%
29	10.689	2913	2923	2930	rBV6	3807	5924	1.00%	0.111%
30	10.746	2930	2941	2953	rVV	107281	176341	29.84%	3.290%
31	10.801	2953	2958	2965	rVB4	5099	7118	1.20%	0.133%
32	11.804	3258	3270	3296	rBV	256435	425337	71.97%	7.935%
33	12.184	3375	3388	3413	rBV	234463	395105	66.85%	7.371%
34	12.544	3487	3500	3513	rBV5	5664	11328	1.92%	0.211%
35	12.621	3514	3524	3536	rVB7	9574	16384	2.77%	0.306%
36	12.753	3557	3565	3575	rVB4	10907	16624	2.81%	0.310%

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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

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Title : TRACE VOA SFAM1.0

37	12.817	3575	3585	3592	rBV2	5342	8738	1.48%	0.163%
38	12.888	3601	3607	3615	rBV6	4541	7018	1.19%	0.131%
39	13.386	3753	3762	3774	rBV5	4948	7970	1.35%	0.149%
40	13.872	3905	3913	3922	rVB5	7442	11753	1.99%	0.219%
41	14.794	4191	4200	4208	rBV4	5642	8810	1.49%	0.164%
42	14.875	4216	4225	4234	rBV6	6261	11600	1.96%	0.216%
43	15.264	4337	4346	4355	rBV8	5382	9425	1.59%	0.176%
44	15.412	4378	4392	4406	rVB4	7454	16986	2.87%	0.317%

Sum of corrected areas: 5360255

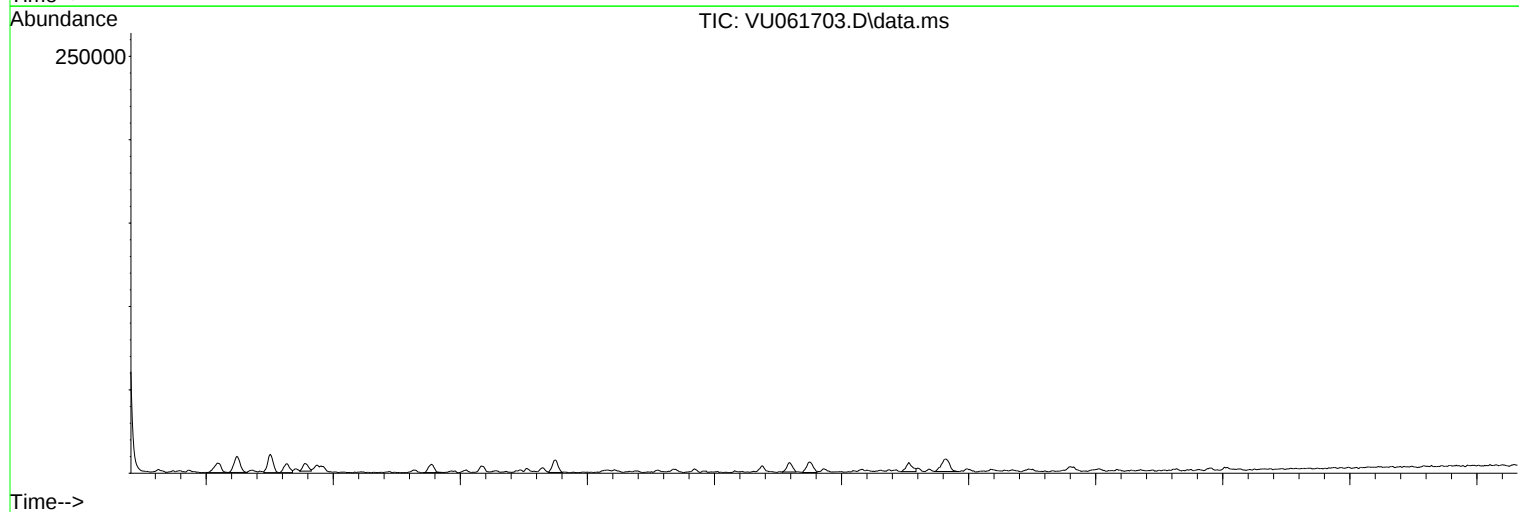
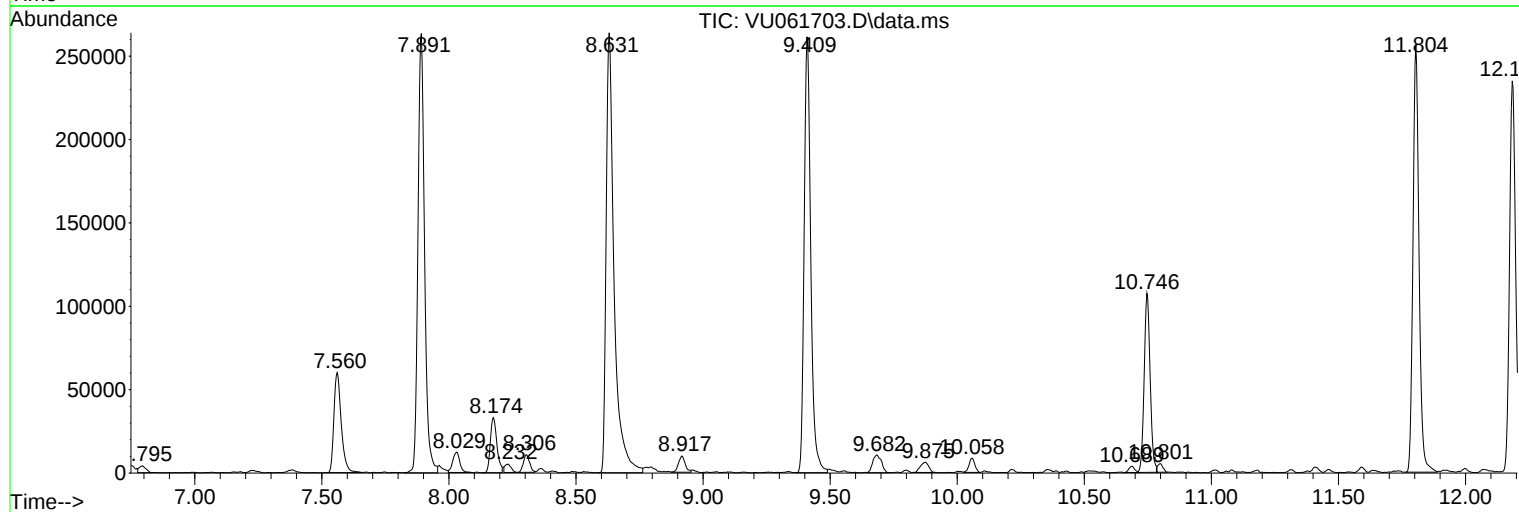
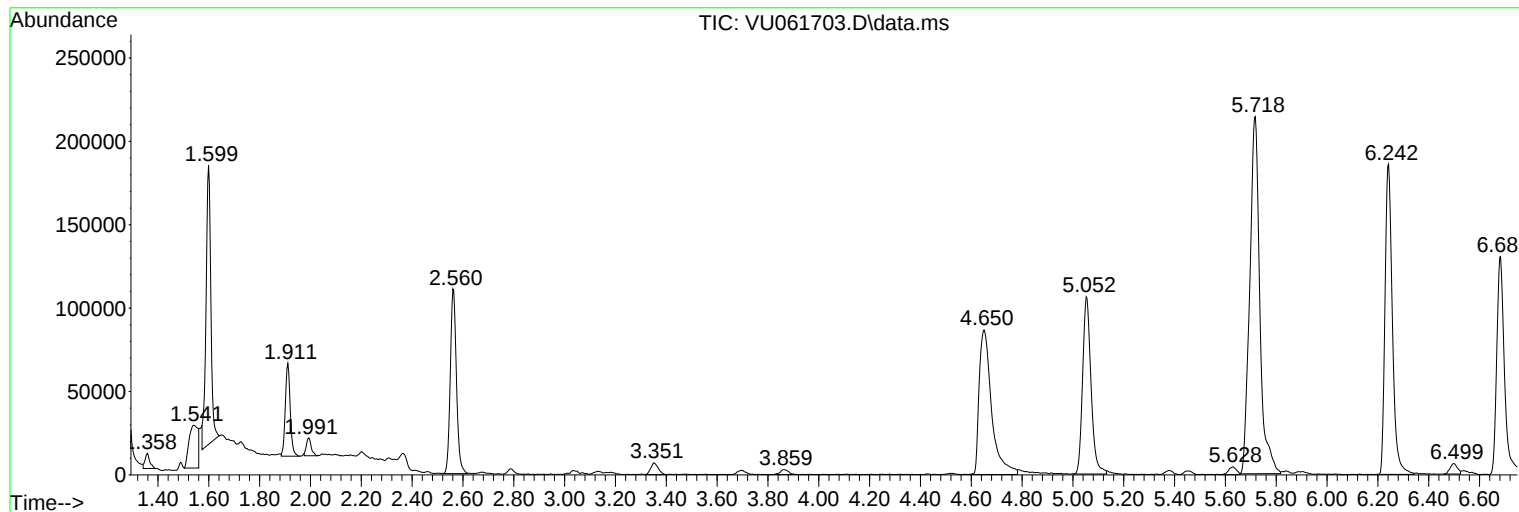
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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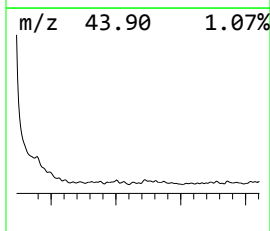
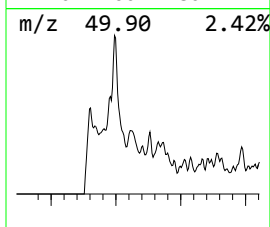
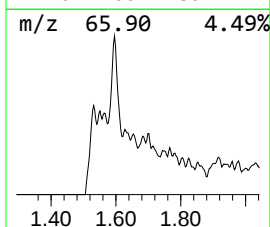
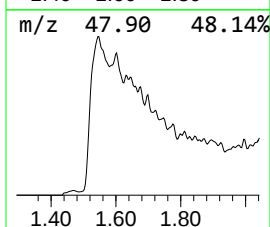
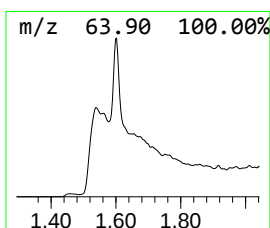
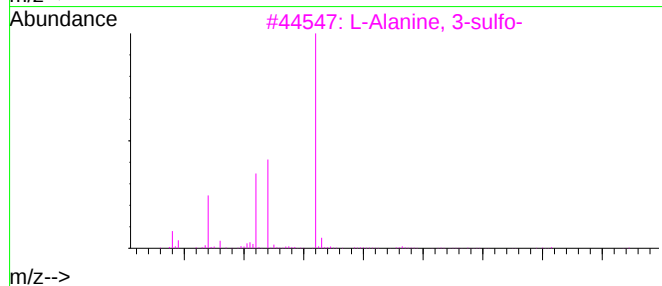
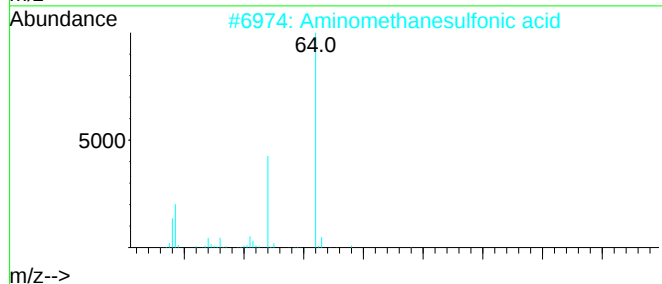
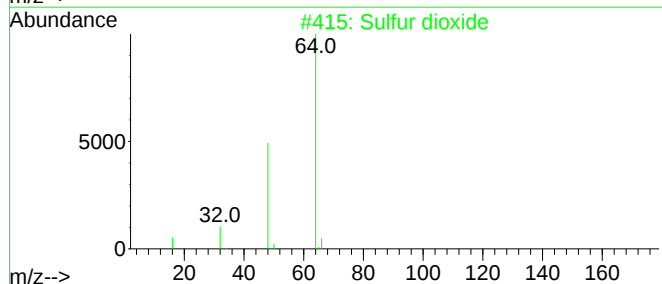
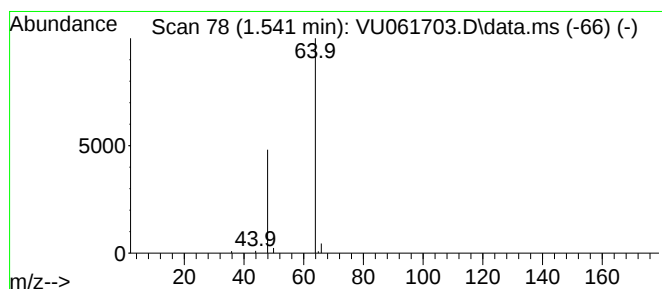
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.541	0.86 ug/L	64495	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
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 Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.541	0.9	ug/L	64495	1	6.242	374528	5.0