LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
Data File : VV034327.D
Acq On : 21 Feb 2024 18:23
Operator : SY/MD
Sample : P1498-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AC4

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.179	35	43	53	rBV	36661	51505	10.38%	1.511%
2	1.281	68	75	83	rBV	29752	31571	6.36%	0.926%
3	1.333	83	91	107	rBV	18266	52146	10.51%	1.530%
4	1.535	148	154	165	rVB	31466	36995	7.46%	1.085%
5	2.063	308	318	333	rVB3	81983	142185	28.65%	4.171%
6	3.114	629	645	665	rBV2	29463	61210	12.33%	1.795%
7	3.815	849	863	896	rBV2	145486	384238	77.43%	11.270%
8	4.256	983	1000	1030	rBV3	52461	172675	34.80%	5.065%
9	4.516	1067	1081	1101	rBV4	11129	28282	5.70%	0.830%
10	4.738	1136	1150	1165	rBV4	11872	28391	5.72%	0.833%
11	4.960	1203	1219	1253	rBV3	99340	254036	51.19%	7.451%
12	5.535	1387	1398	1424	rBV	87761	182000	36.68%	5.338%
13	5.834	1478	1491	1522	rBV	82953	173355	34.93%	5.085%
14	5.989	1527	1539	1563	rBV2	56349	118152	23.81%	3.466%
15	6.921	1820	1829	1852	rBV	21575	42984	8.66%	1.261%
16	7.246	1920	1930	1956	rBV	117166	211126	42.55%	6.193%
17	7.561	2020	2028	2044	rBV2	10979	21565	4.35%	0.633%
18	7.905	2123	2135	2152	rBV	298510	496240	100.00%	14.556%
19	8.027	2163	2173	2208	rBV	113868	226843	45.71%	6.654%
20	8.786	2399	2409	2433	rBV	134540	224423	45.22%	6.583%
21	10.153	2825	2834	2851	rVB	38467	61282	12.35%	1.798%
22	11.185	3142	3155	3178	rBV	136607	213311	42.99%	6.257%
23	11.561	3261	3272	3292	rBV	118618	187853	37.86%	5.510%
24	12.294	3493	3500	3511	rVB5	4579	6920	1.39%	0.203%

Sum of corrected areas: 3409288

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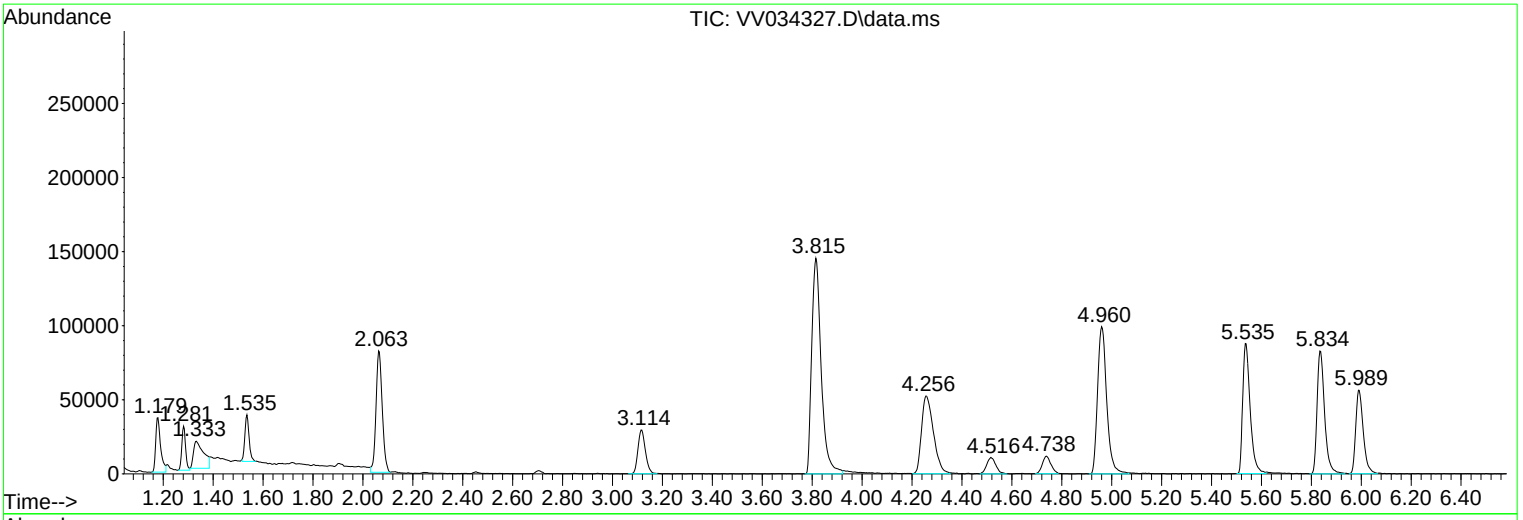
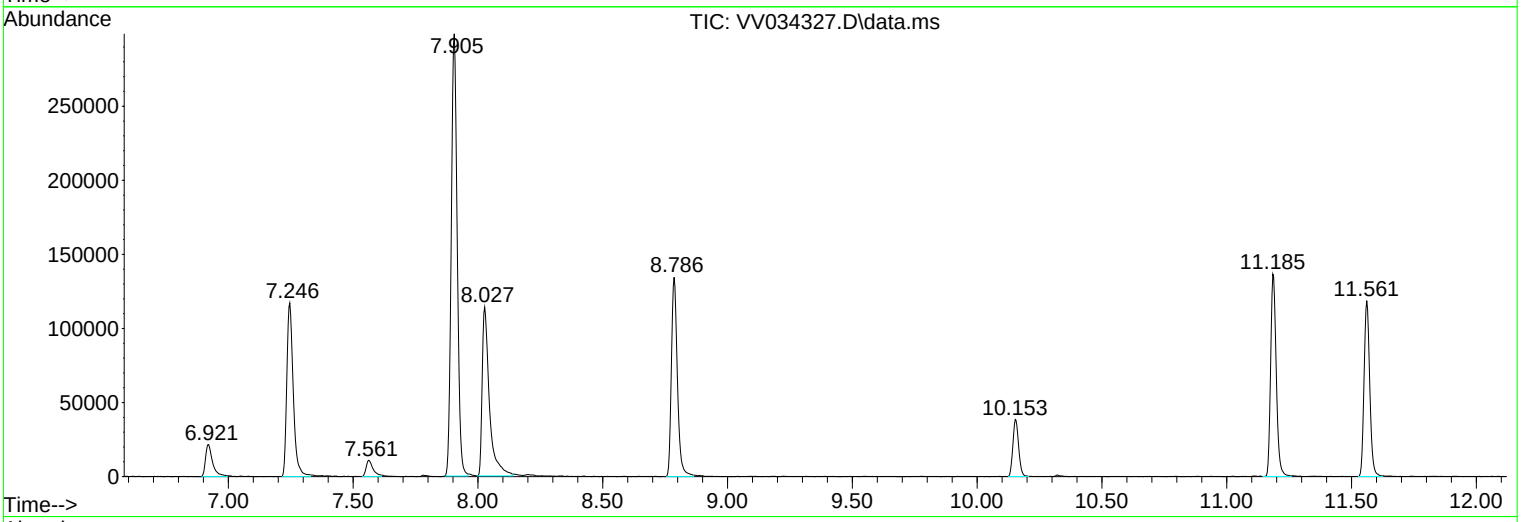
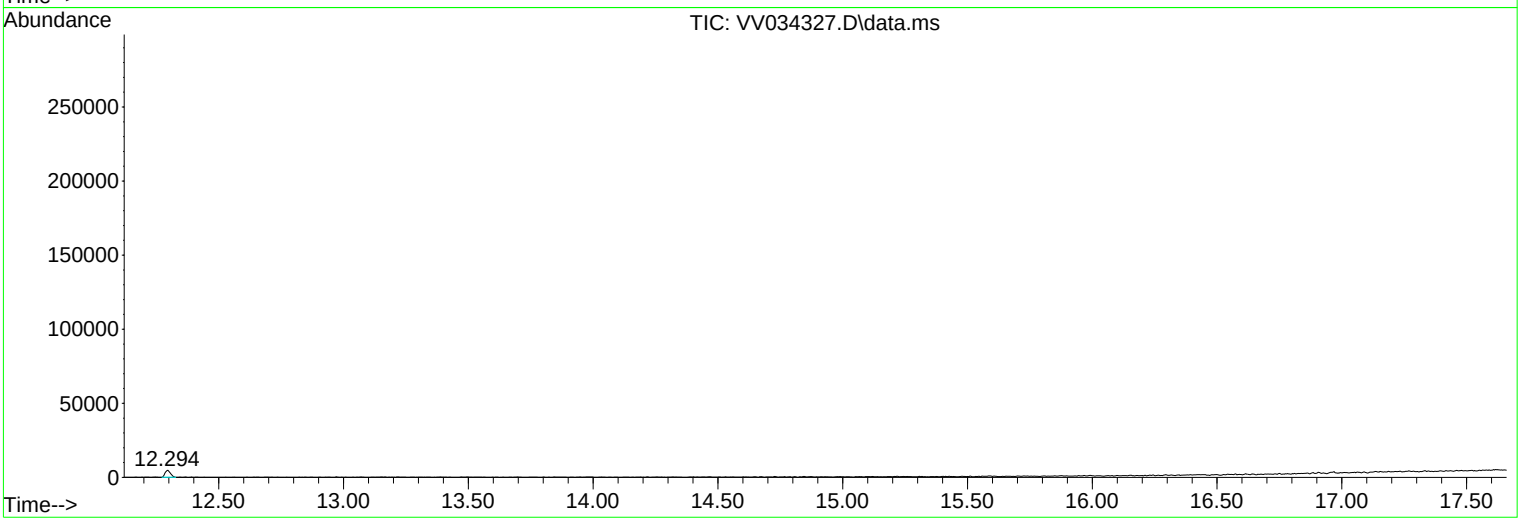
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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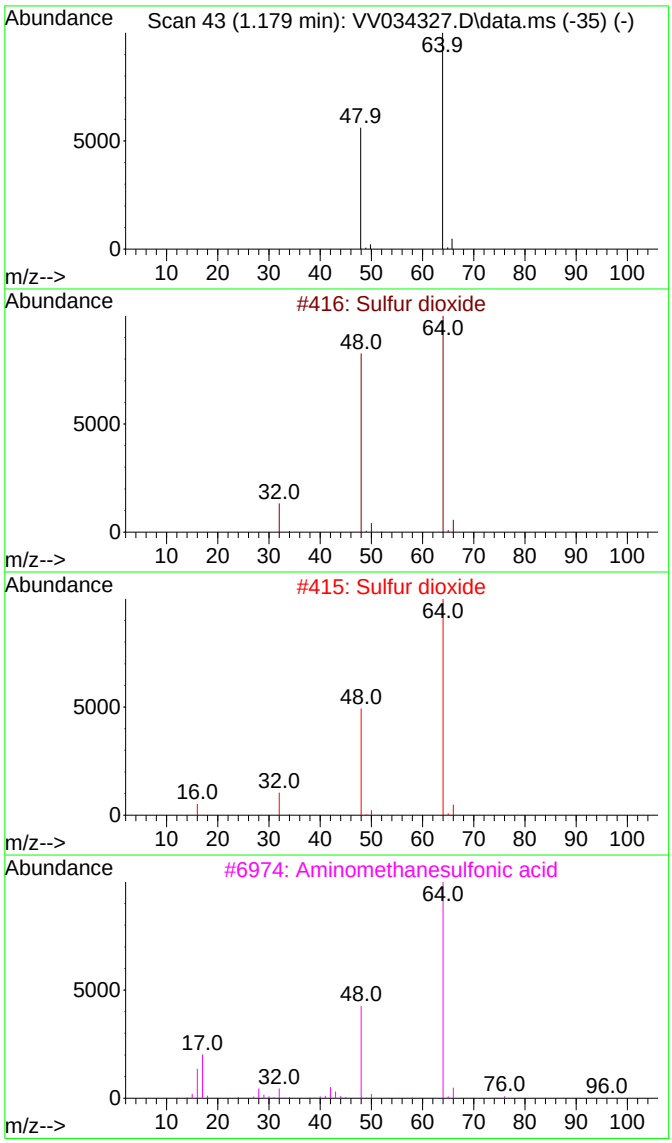
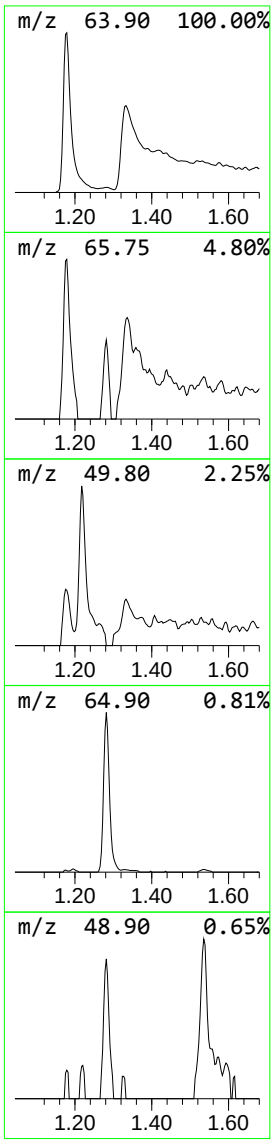
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.179	1.41 ug/L	51505	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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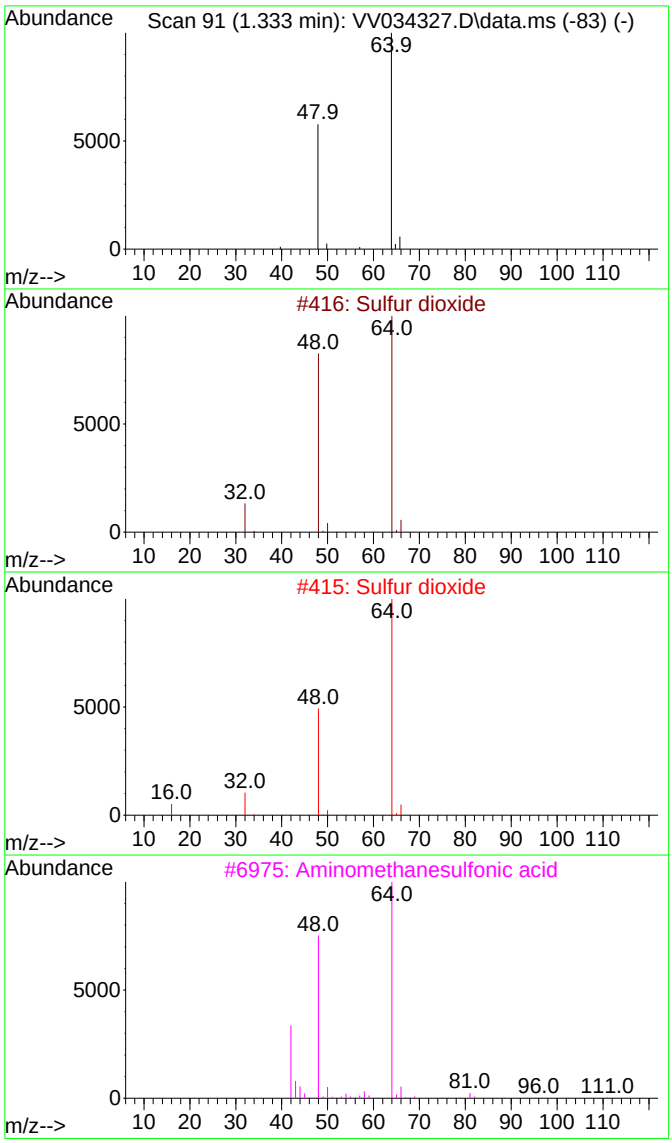
Quant Title : TRACE VOA SFAM1.0

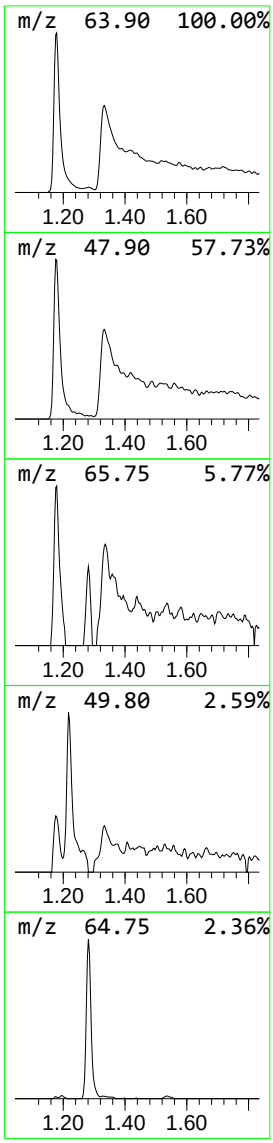
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.333	1.43 ug/L	52146	1,4-Difluorobenzene	5.539

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





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.179	1.4	ug/L	51505	1	5.539	182000	5.0
Aminomethanesul...	1.333	1.4	ug/L	52146	1	5.539	182000	5.0