LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011524\
Data File : VV033645.D
Acq On : 15 Jan 2024 16:11
Operator : SY/MD
Sample : P1131-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B06

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\SFAMVTR011224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV033645.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	37	46	68	rBV	40971	113596	32.16%	3.528%
2	1.282	69	75	80	rBV	36710	34851	9.87%	1.082%
3	1.333	81	91	100	rBV2	15679	42361	11.99%	1.316%
4	1.536	147	154	170	rVB	41239	52795	14.94%	1.640%
5	2.060	309	317	333	rVB	75271	118544	33.56%	3.682%
6	3.825	854	866	913	rBV2	24903	119608	33.86%	3.715%
7	4.253	984	999	1024	rBV	57805	154172	43.64%	4.788%
8	4.960	1205	1219	1249	rBV2	135860	345594	97.83%	10.734%
9	5.535	1385	1398	1429	rBV	137675	290214	82.15%	9.014%
10	5.992	1528	1540	1563	rBV	76962	168010	47.56%	5.218%
11	6.918	1817	1828	1847	rBV2	36293	72948	20.65%	2.266%
12	7.246	1918	1930	1952	rBV	160742	290524	82.24%	9.023%
13	7.561	2020	2028	2044	rBV2	18970	37521	10.62%	1.165%
14	7.879	2116	2127	2140	rBV3	3145	5761	1.63%	0.179%
15	8.031	2162	2174	2214	rBV	145211	329831	93.37%	10.244%
16	8.786	2398	2409	2427	rBV	205119	343498	97.24%	10.669%
17	10.156	2823	2835	2850	rBV	48685	78786	22.30%	2.447%
18	10.326	2879	2888	2897	rBV2	5007	8042	2.28%	0.250%
19	11.185	3145	3155	3179	rBV	222870	353262	100.00%	10.972%
20	11.561	3261	3272	3298	rBV	158954	259797	73.54%	8.069%

Sum of corrected areas: 3219715

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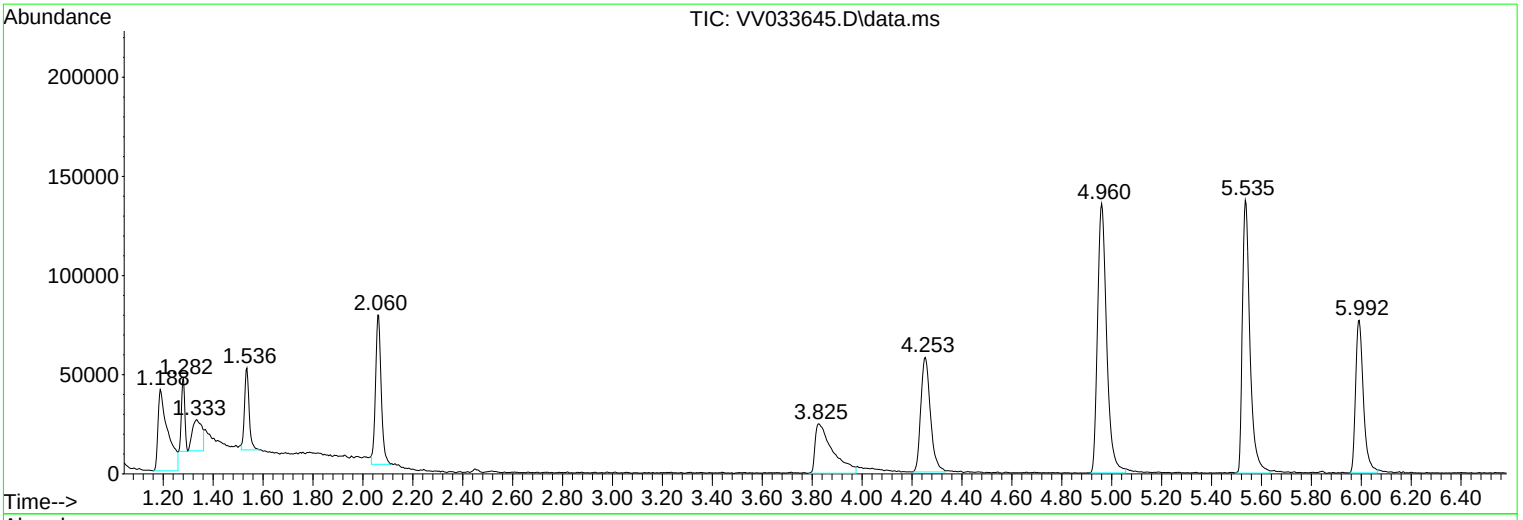
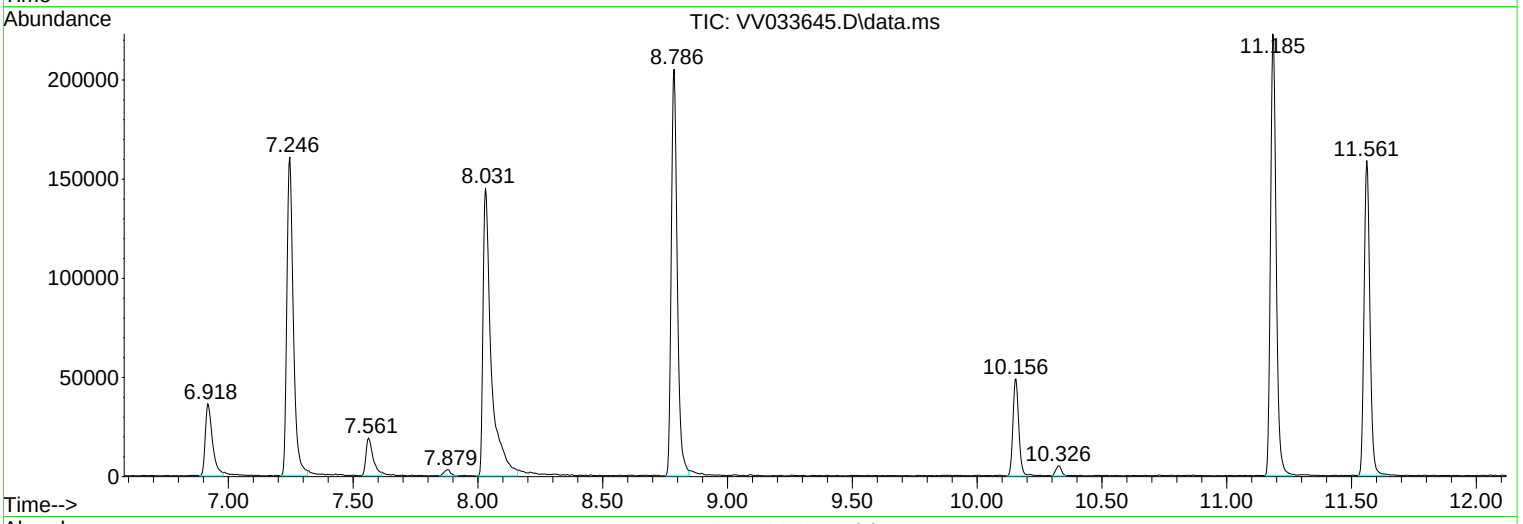
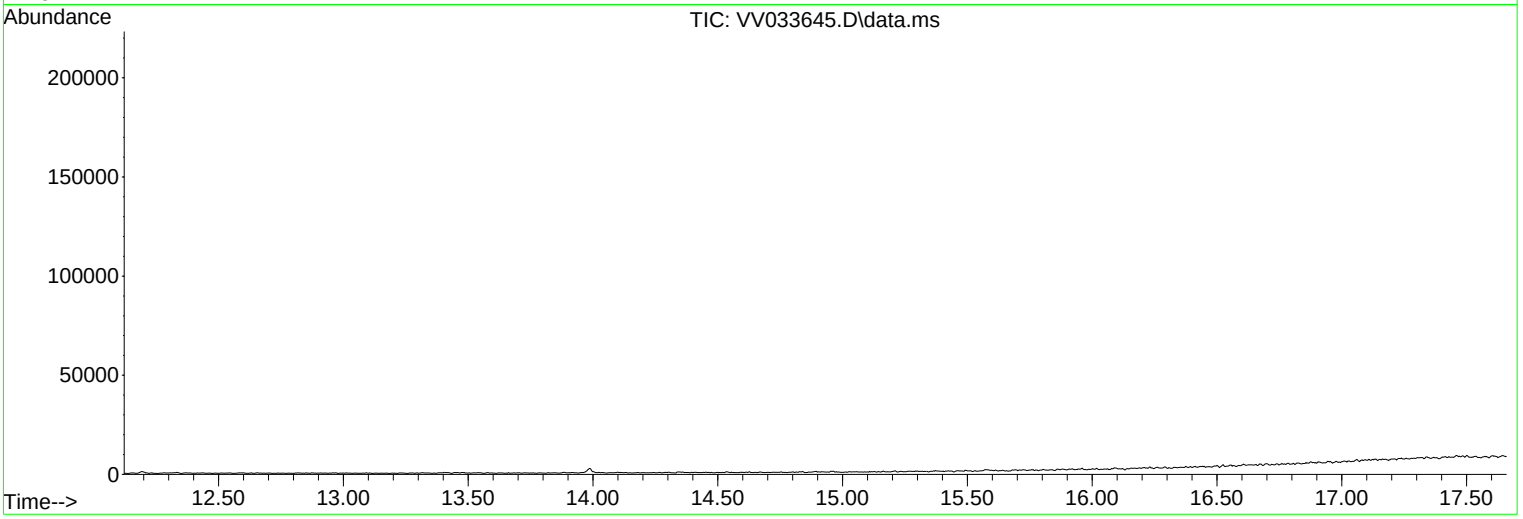
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

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

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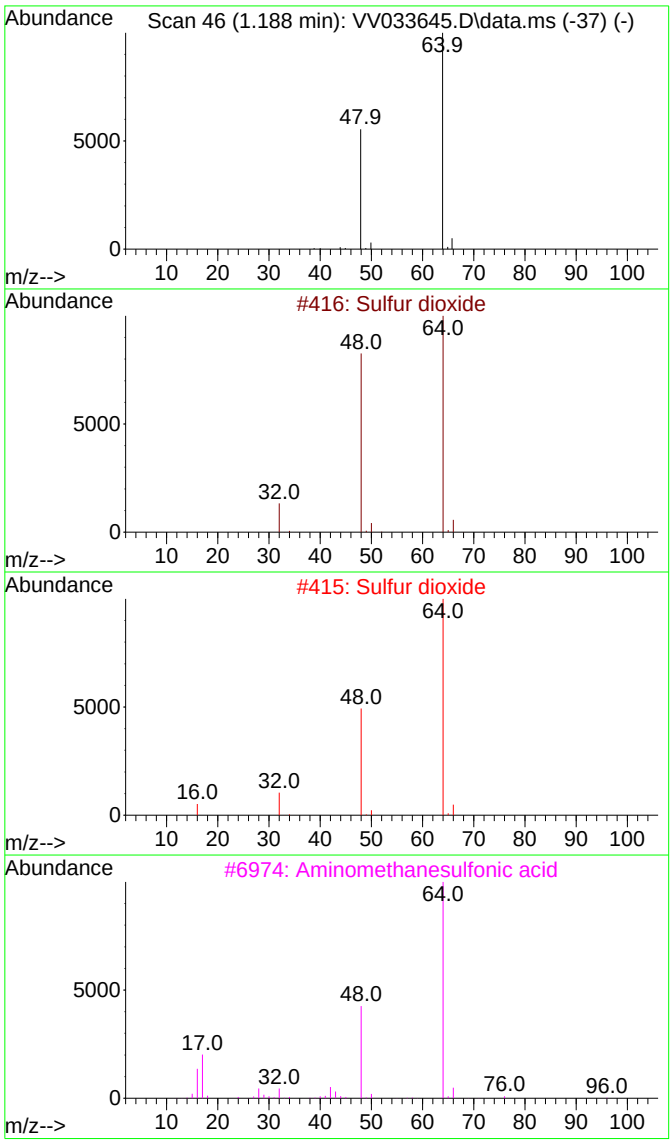
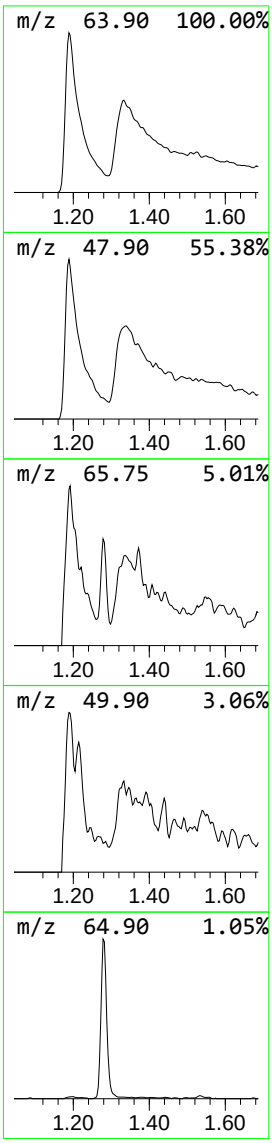
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.188	1.96 ug/L	113596	1,4-Difluorobenzene	5.535

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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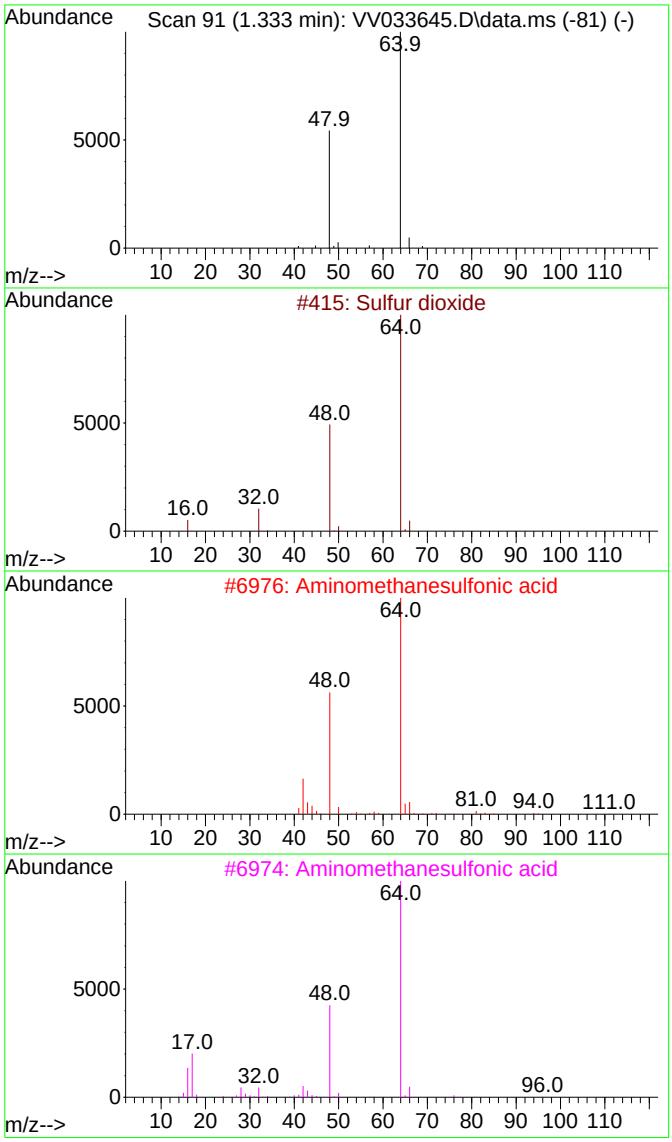
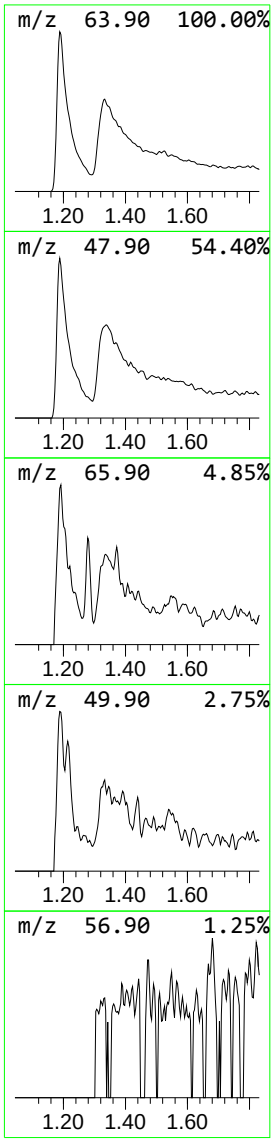
Peak Number 2 Aminomethanesulfonic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.333	0.73 ug/L	42361	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	7





Tentatively Identified Compound (LSC) summary

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B06

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.188	2.0	ug/L	113596	1	5.535	290214	5.0
Aminomethanesul...	1.333	0.7	ug/L	42361	1	5.535	290214	5.0