LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
Data File : VV033717.D
Acq On : 17 Jan 2024 14:07
Operator : SY/MD
Sample : P1121-12 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH8L5

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: VV033717.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	37	43	67	rBV	37913	66049	9.85%	1.652%
2	1.288	68	77	115	rBV2	167733	462281	68.97%	11.564%
3	1.436	118	123	136	rVB	25633	36444	5.44%	0.912%
4	1.536	149	154	187	rVB	40707	70374	10.50%	1.760%
5	1.989	290	295	306	rVV3	9803	14706	2.19%	0.368%
6	2.066	310	319	330	rVV3	78601	138315	20.64%	3.460%
7	2.130	330	339	362	rVB	48928	112869	16.84%	2.823%
8	3.114	632	645	664	rBV	13439	28542	4.26%	0.714%
9	3.815	849	863	884	rBV2	260019	670292	100.00%	16.767%
10	4.252	984	999	1029	rBV2	48106	126511	18.87%	3.165%
11	4.960	1205	1219	1250	rBV2	108287	275096	41.04%	6.882%
12	5.535	1385	1398	1427	rBV	120019	253752	37.86%	6.348%
13	5.841	1482	1493	1515	rBV	33096	70830	10.57%	1.772%
14	5.992	1527	1540	1563	rBV2	64423	137150	20.46%	3.431%
15	6.921	1818	1829	1856	rBV	27405	56414	8.42%	1.411%
16	7.246	1916	1930	1956	rBV	125894	228961	34.16%	5.727%
17	7.564	2020	2029	2053	rBV3	13807	28518	4.25%	0.713%
18	8.027	2165	2173	2210	rBV	139585	295489	44.08%	7.392%
19	8.786	2399	2409	2433	rBV	185082	307586	45.89%	7.694%
20	10.156	2824	2835	2852	rBV	45004	72059	10.75%	1.803%
21	10.329	2879	2889	2897	rVB4	4701	7296	1.09%	0.183%
22	11.185	3145	3155	3177	rBV	199567	317070	47.30%	7.932%
23	11.561	3260	3272	3291	rBV	137218	220995	32.97%	5.528%

Sum of corrected areas: 3997599

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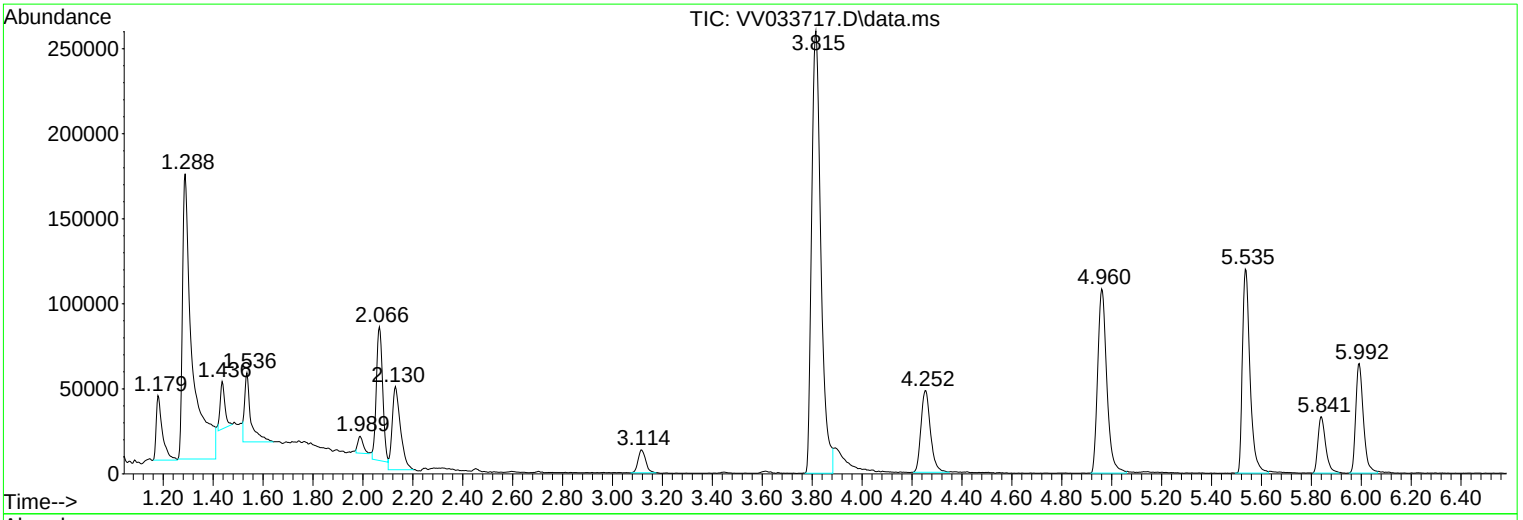
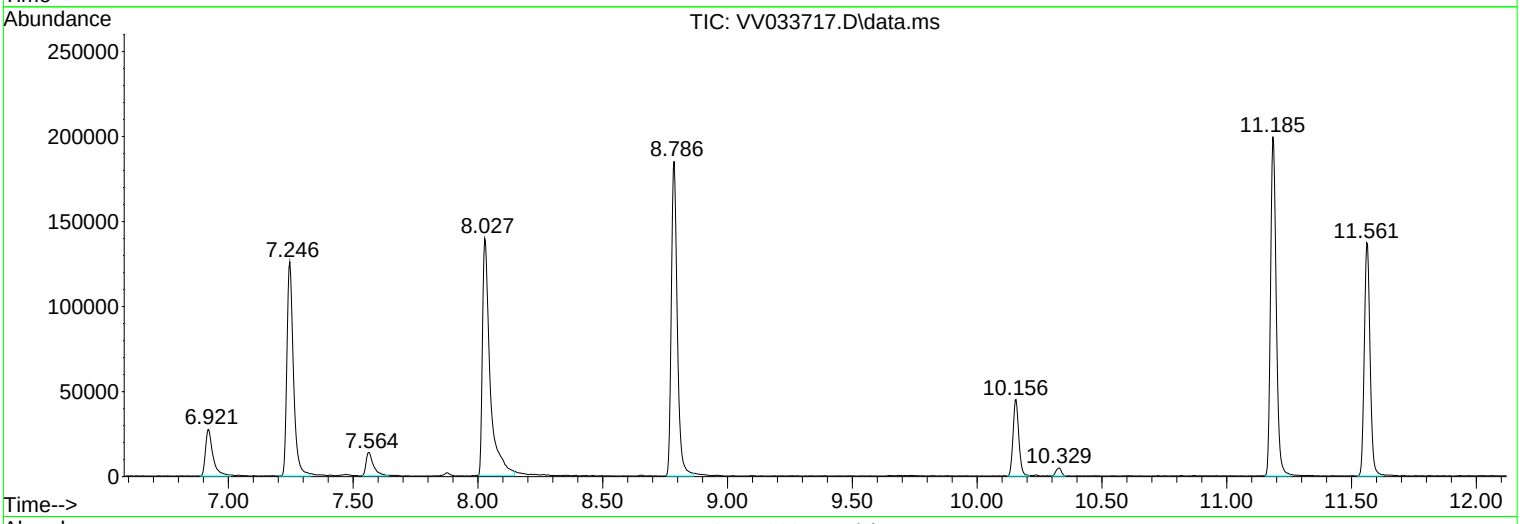
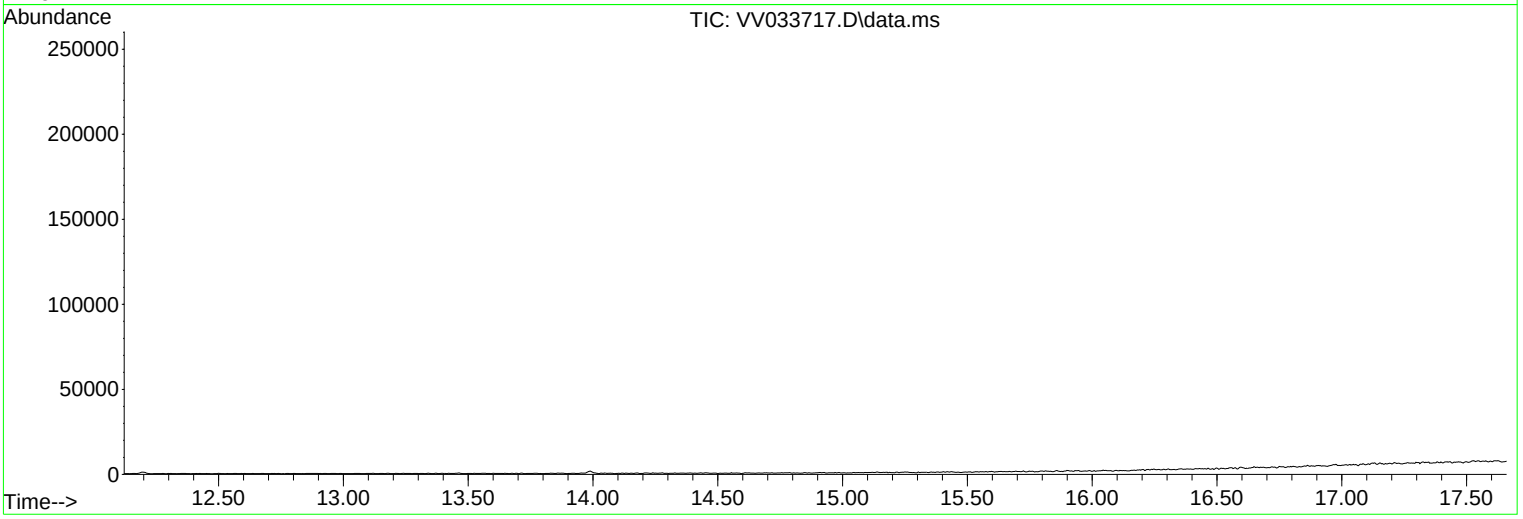
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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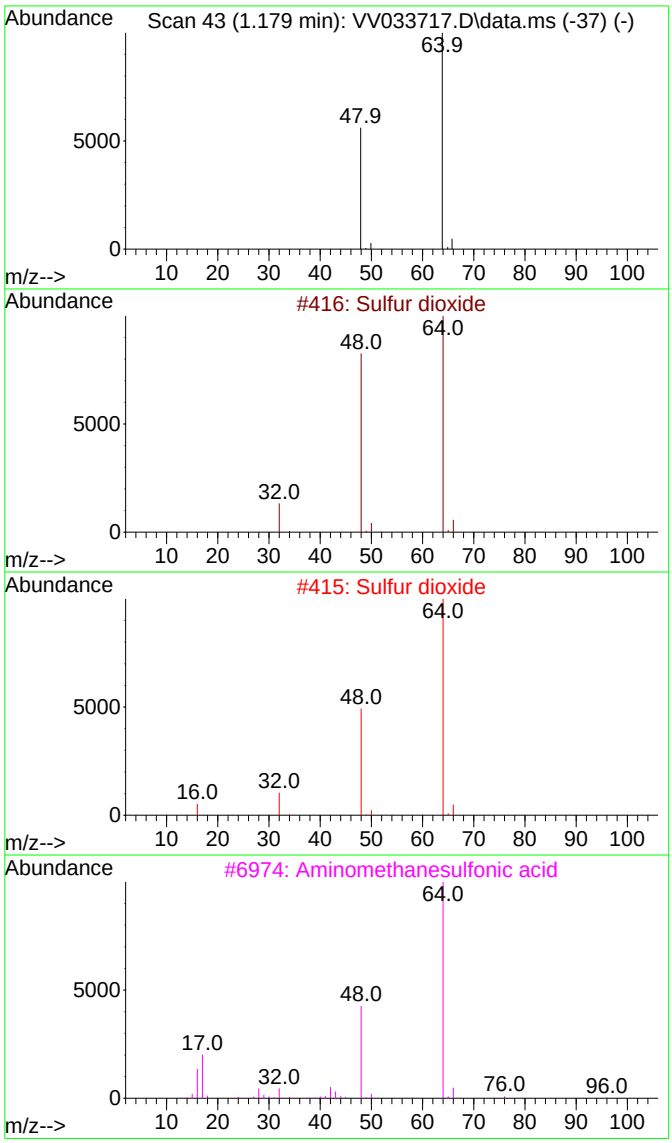
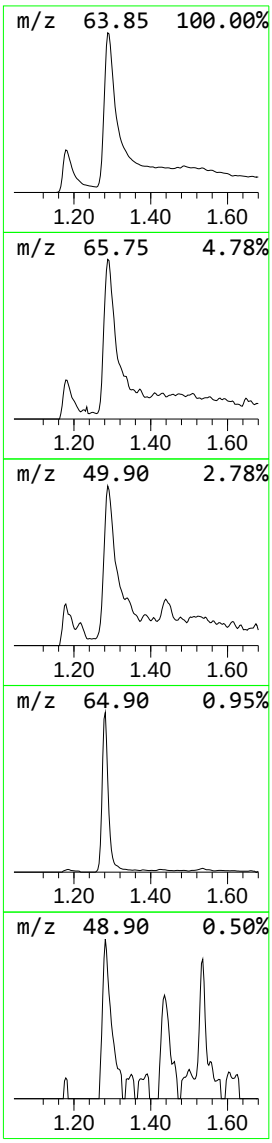
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.179	1.30 ug/L	66049	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 Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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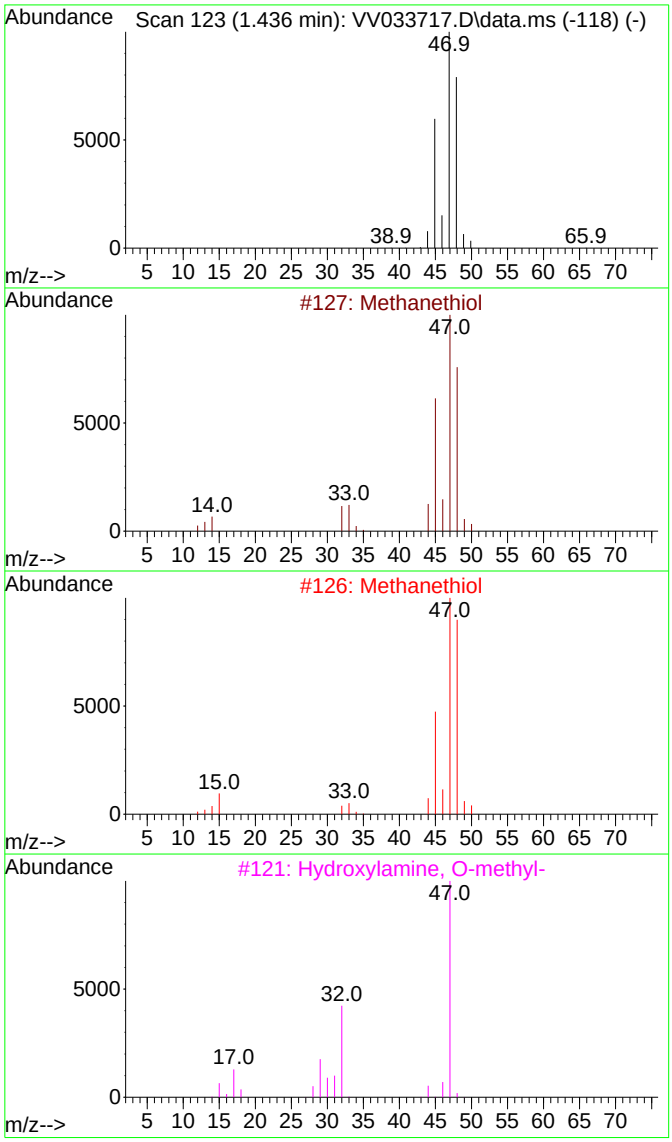
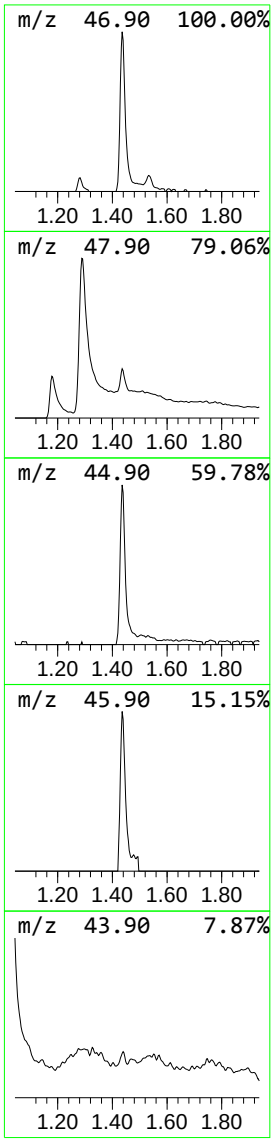
Peak Number 2 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.436	0.72 ug/L	36444	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	83
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	5
5	Ethanol	46	C2H6O	000064-17-5	4





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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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	1.3	ug/L	66049	1	5.535	253752	5.0
Methanethiol	1.436	0.7	ug/L	36444	1	5.535	253752	5.0