LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029125.D
Acq On : 18 Nov 2022 18:00
Operator : SY/MD
Sample : N5688-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCE7

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\SFAMVTR111122WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV029125.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	48	rBV	24691	37709	4.16%	0.512%
2	1.298	73	80	97	rVB	105038	115174	12.72%	1.564%
3	1.558	153	161	172	rVB	100985	113088	12.49%	1.535%
4	1.870	244	258	270	rBV	36787	116928	12.91%	1.587%
5	2.095	319	328	352	rVB	209468	311872	34.45%	4.234%
6	3.953	883	906	908	rBV2	62838	133277	14.72%	1.809%
7	4.333	1008	1024	1042	rBV	159087	386553	42.69%	5.248%
8	5.027	1224	1240	1271	rBV2	407949	905415	100.00%	12.292%
9	5.603	1404	1419	1439	rBV	317852	627411	69.30%	8.517%
10	6.056	1546	1560	1579	rBV	192914	382429	42.24%	5.192%
11	6.973	1831	1845	1861	rBV	95975	168118	18.57%	2.282%
12	7.162	1899	1904	1923	rBV	49453	86953	9.60%	1.180%
13	7.297	1935	1946	1969	rBV	446855	766406	84.65%	10.404%
14	7.612	2034	2044	2059	rVB	53775	88681	9.79%	1.204%
15	7.934	2132	2144	2158	rBV2	7228	14217	1.57%	0.193%
16	8.104	2186	2197	2238	rBV2	381187	859391	94.92%	11.667%
17	8.844	2415	2427	2453	rBV	416708	703515	77.70%	9.551%
18	10.210	2840	2852	2871	rBV	157007	245908	27.16%	3.338%
19	10.371	2892	2902	2917	rBV	20236	34533	3.81%	0.469%
20	11.239	3161	3172	3199	rBV	390431	620018	68.48%	8.417%
21	11.615	3277	3289	3310	rBV	399330	639463	70.63%	8.681%
22	12.246	3475	3485	3498	rVB2	5446	9107	1.01%	0.124%

Sum of corrected areas: 7366166

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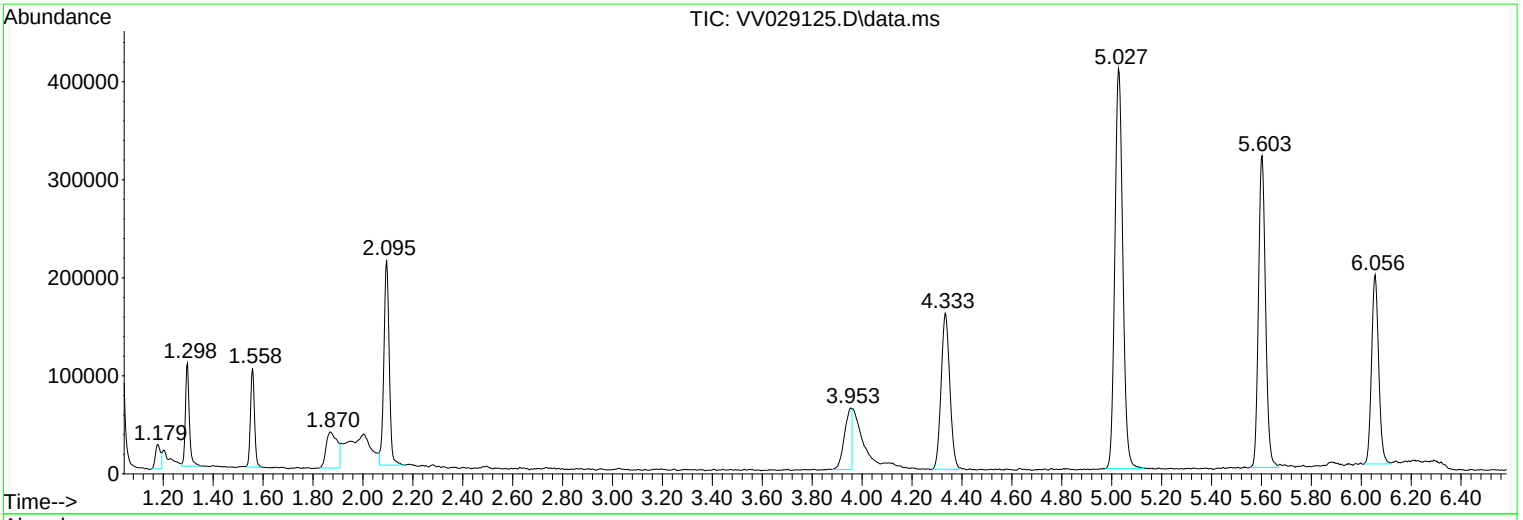
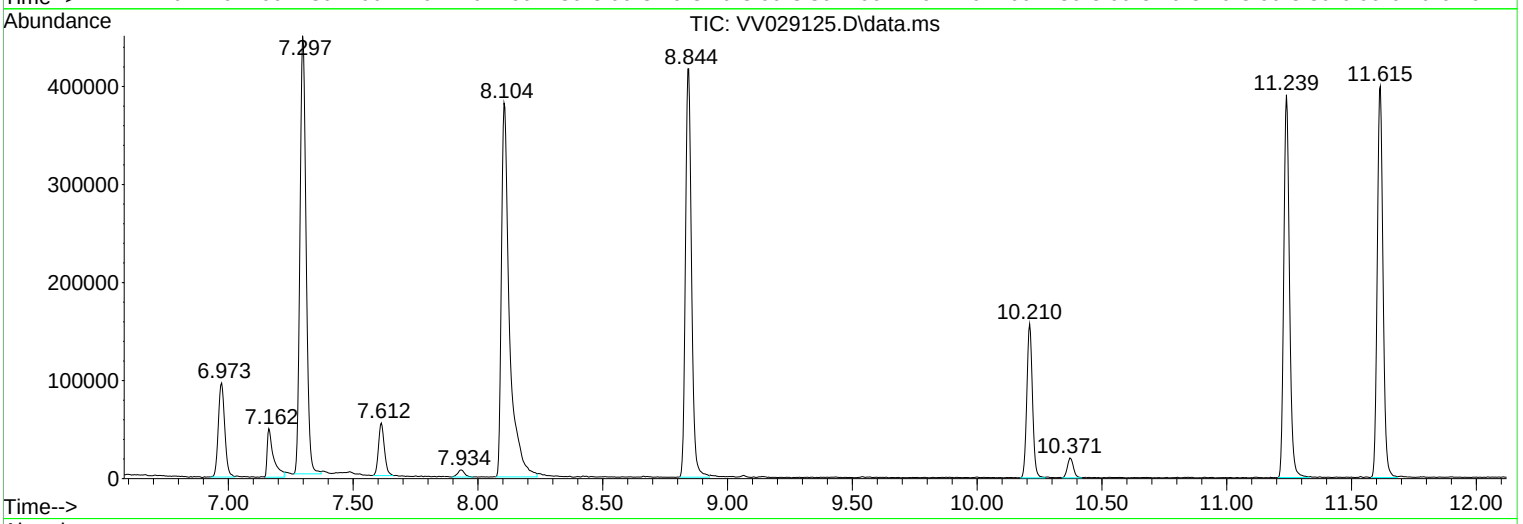
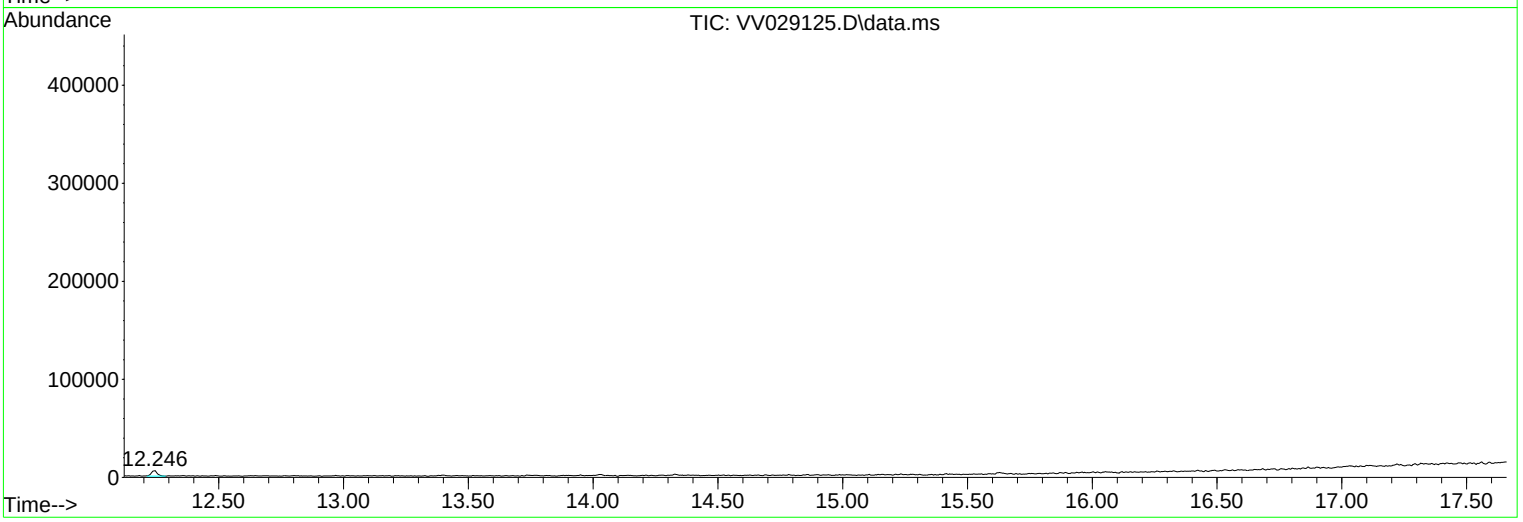
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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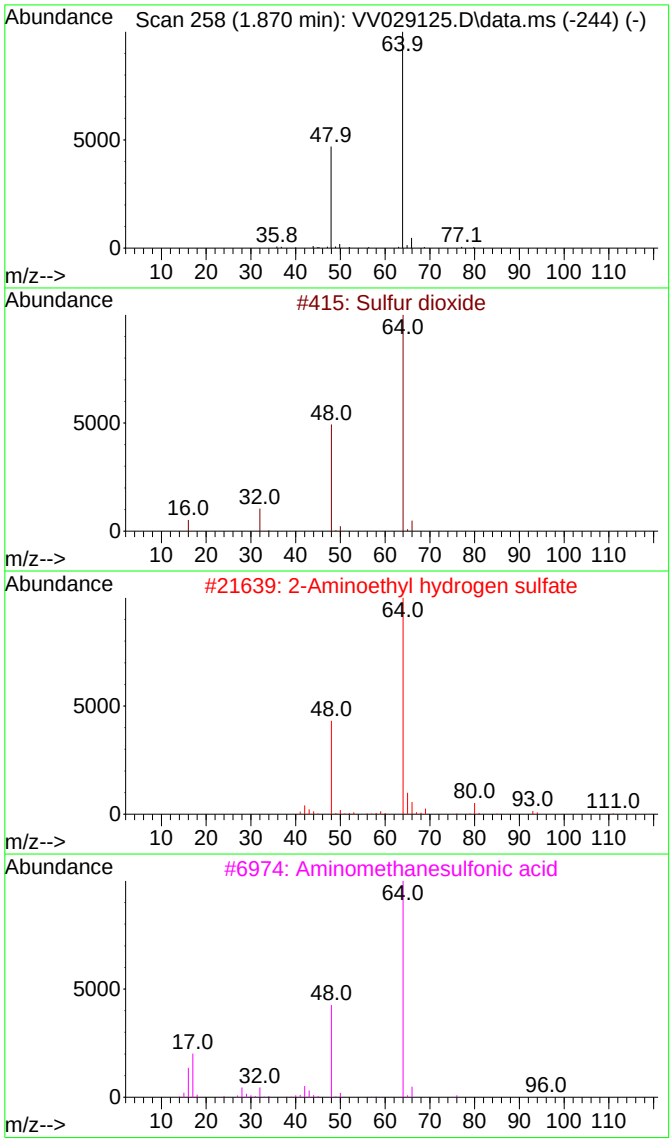
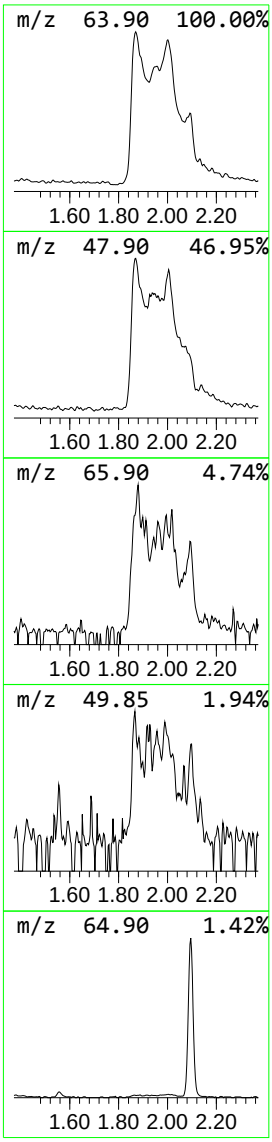
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.870	0.93 ug/L	116928	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





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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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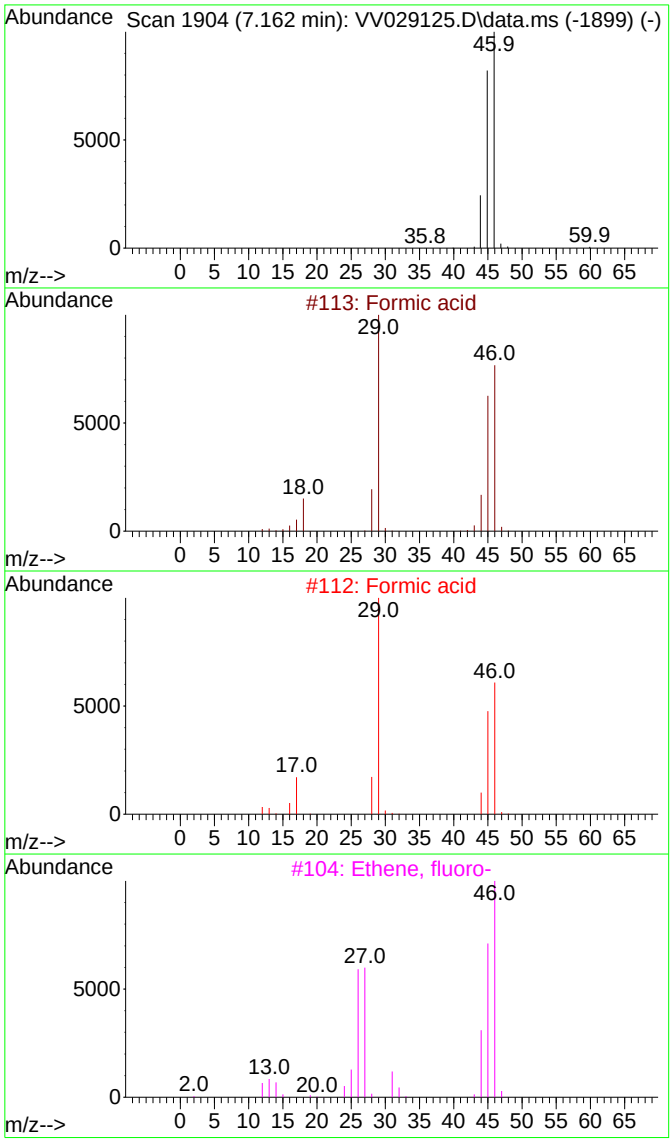
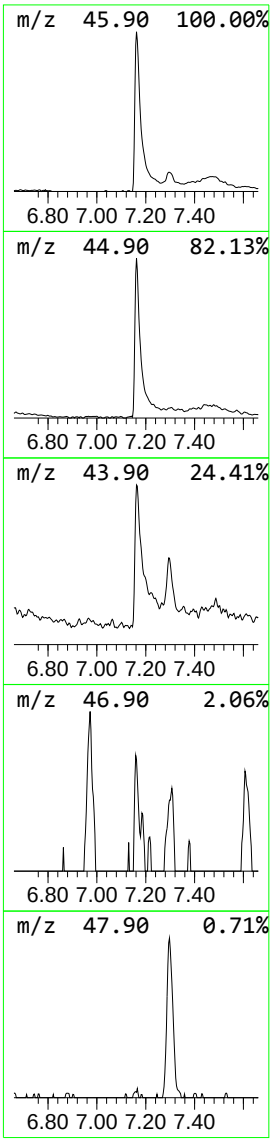
Peak Number 3 Formic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.162	0.69 ug/L	86953	1,4-Difluorobenzene	5.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid	46	CH2O2	000064-18-6	74
2	Formic acid	46	CH2O2	000064-18-6	74
3	Ethene, fluoro-	46	C2H3F	000075-02-5	9
4	Formic acid	46	CH2O2	000064-18-6	9
5	Hydrazine, methyl-	46	CH6N2	000060-34-4	9





Tentatively Identified Compound (LSC) summary

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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	1.870	0.9	ug/L	116928	1	5.603	627411	5.0
Formic acid	7.162	0.7	ug/L	86953	1	5.603	627411	5.0