LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029101.D
Acq On : 18 Nov 2022 06:40
Operator : SY/MD
Sample : N5648-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46G2

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: VV029101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.240	49	62	75	rBV4	16205	50714	6.53%	0.728%
2	1.307	76	83	96	rVB	85696	95004	12.23%	1.364%
3	1.404	99	113	156	rBV2	77967	443395	57.09%	6.368%
4	1.568	158	164	180	rVB	85526	107725	13.87%	1.547%
5	2.105	321	331	348	rVB	169737	251754	32.42%	3.615%
6	3.899	878	889	918	rBV	60365	226889	29.21%	3.258%
7	4.342	1009	1027	1060	rBV2	130698	333604	42.95%	4.791%
8	5.043	1229	1245	1277	rBV2	308205	776657	100.00%	11.153%
9	5.612	1410	1422	1456	rBV	266981	560302	72.14%	8.046%
10	5.924	1506	1519	1533	rBV5	10429	23575	3.04%	0.339%
11	6.066	1550	1563	1599	rBV	169659	362007	46.61%	5.199%
12	6.985	1837	1849	1884	rBV2	71568	142995	18.41%	2.054%
13	7.310	1939	1950	1978	rBV	371404	689490	88.78%	9.902%
14	7.622	2037	2047	2069	rBV2	38403	70811	9.12%	1.017%
15	7.934	2134	2144	2154	rBV2	4910	8440	1.09%	0.121%
16	8.088	2179	2192	2240	rBV3	257069	704123	90.66%	10.112%
17	8.847	2417	2428	2455	rBV	385001	658464	84.78%	9.456%
18	10.210	2840	2852	2872	rBV	133734	218229	28.10%	3.134%
19	10.381	2894	2905	2916	rVB2	13667	22214	2.86%	0.319%
20	11.242	3162	3173	3198	rBV	385970	623943	80.34%	8.960%
21	11.615	3273	3289	3313	rBV	365890	593026	76.36%	8.516%

Sum of corrected areas: 6963361

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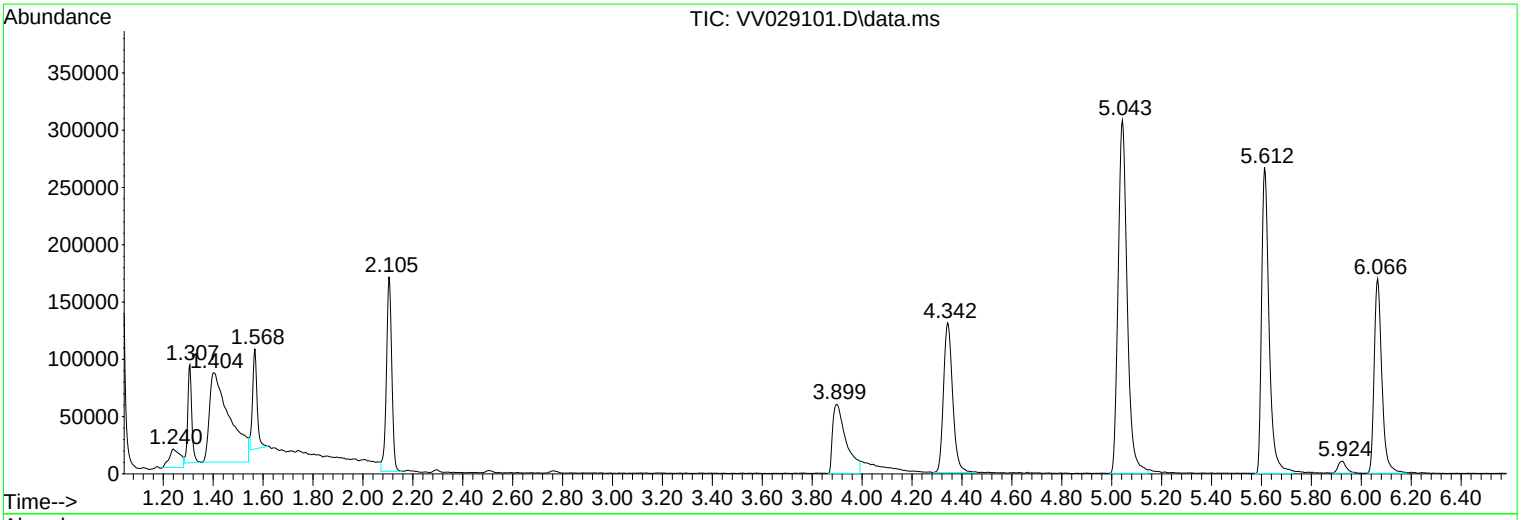
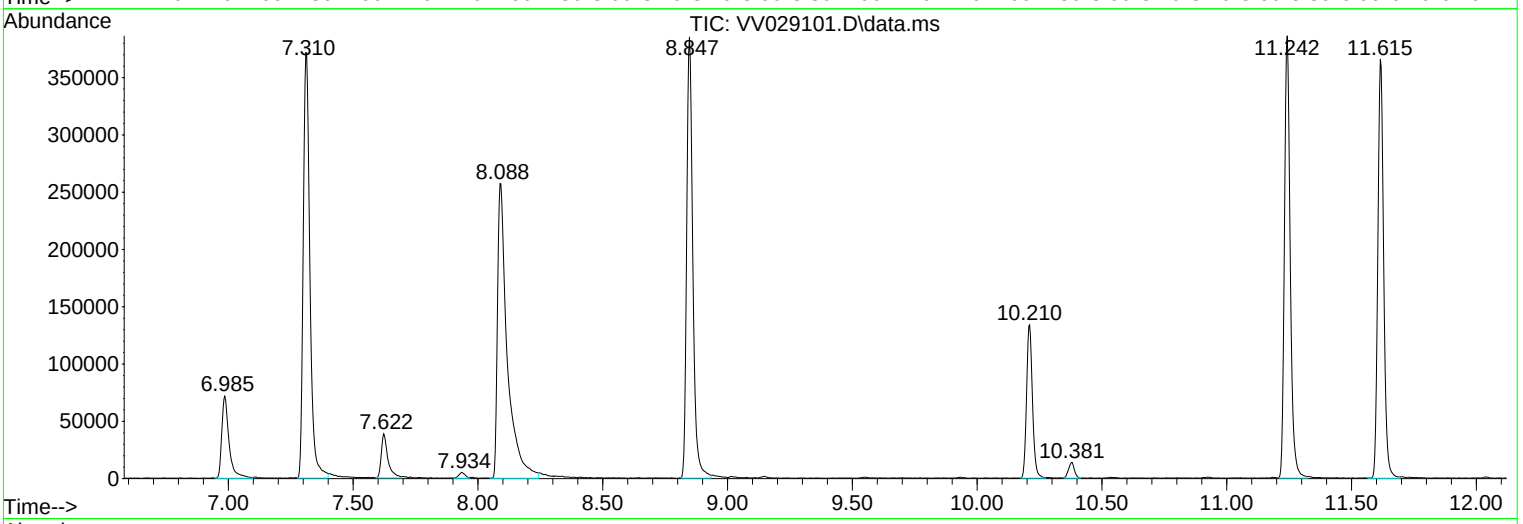
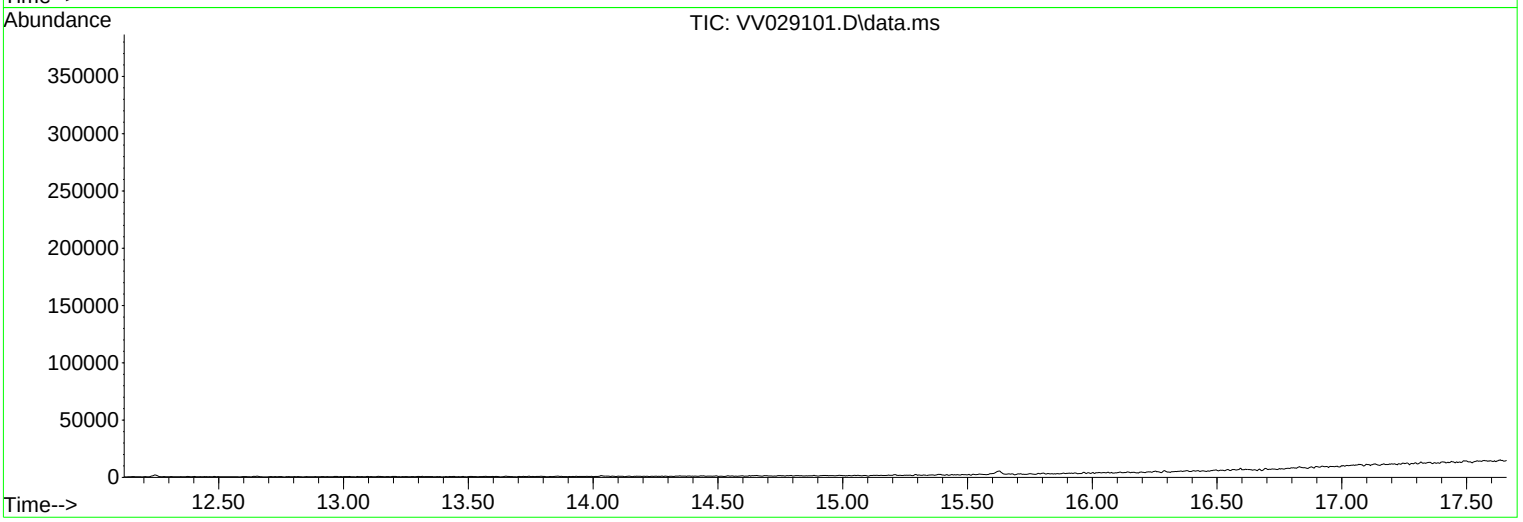
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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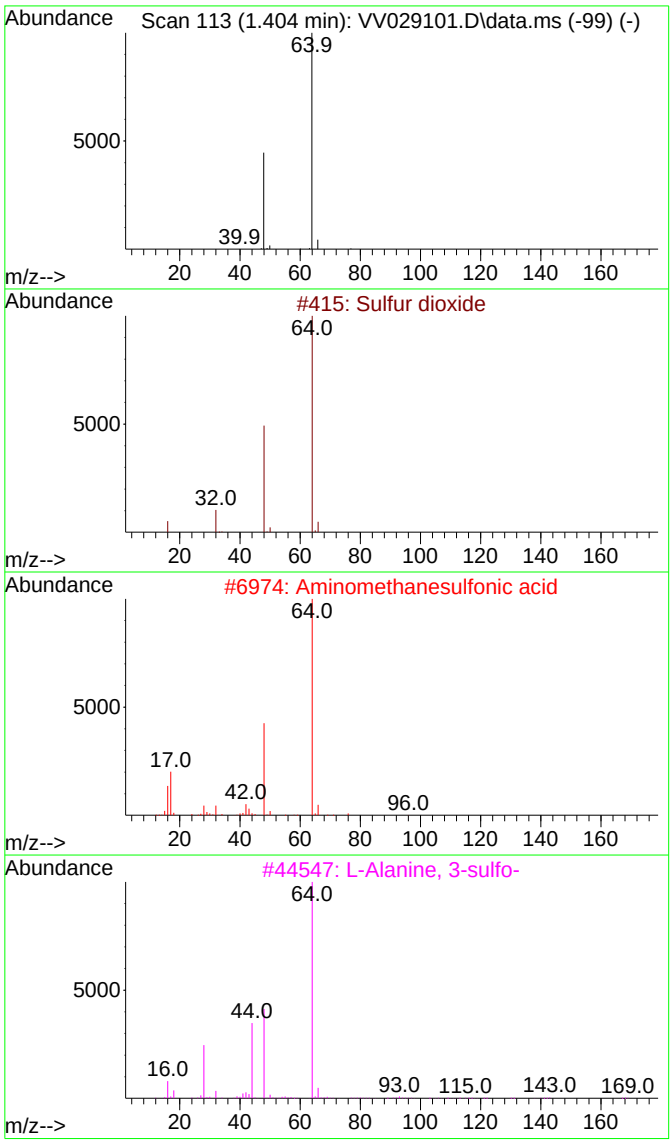
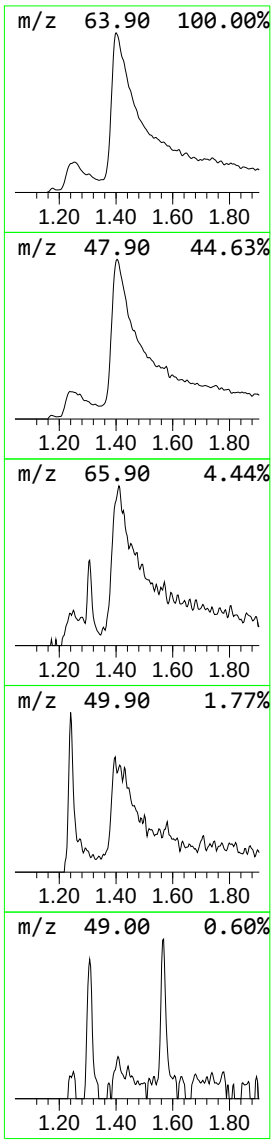
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.404	3.96 ug/L	443395	1,4-Difluorobenzene	5.612

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	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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	1.404	4.0	ug/L	443395	1	5.612	560302	5.0