LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062785.D
Acq On : 15 Jan 2025 23:35
Operator : MD/SY
Sample : Q1059-02DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8Z1DL

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_U\Method\SFAMUTR010225WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU062785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.460	45	53	70	rBV	38182	67756	22.27%	2.370%
2	1.595	88	95	107	rVB2	29800	34732	11.41%	1.215%
3	1.769	142	149	157	rVB	12654	13093	4.30%	0.458%
4	1.904	183	191	204	rVB	22987	30563	10.04%	1.069%
5	2.557	383	394	409	rBV2	54767	99073	32.56%	3.466%
6	2.673	423	430	439	rVB2	3314	4509	1.48%	0.158%
7	3.174	573	586	605	rBV	7041	16173	5.31%	0.566%
8	3.859	787	799	815	rBB3	4389	10222	3.36%	0.358%
9	4.602	1021	1030	1037	rBV	47071	94511	31.06%	3.306%
10	4.650	1038	1045	1077	rVB3	65245	171153	56.24%	5.987%
11	5.049	1154	1169	1192	rBV2	61438	138230	45.42%	4.836%
12	5.711	1357	1375	1396	rBV2	102297	278385	91.48%	9.739%
13	6.238	1527	1539	1564	rBV2	116008	227700	74.83%	7.966%
14	6.534	1621	1631	1647	rBB3	17983	33292	10.94%	1.165%
15	6.676	1664	1675	1703	rBV2	66501	131079	43.07%	4.586%
16	7.557	1938	1949	1973	rBB	36494	65140	21.41%	2.279%
17	7.669	1974	1984	1996	rBV5	3333	6098	2.00%	0.213%
18	7.888	2041	2052	2072	rBV	129088	223415	73.42%	7.816%
19	8.171	2131	2140	2156	rBV2	23008	39516	12.99%	1.382%
20	8.621	2270	2280	2322	rBV	149489	304307	100.00%	10.646%
21	9.409	2514	2525	2550	rBV	163457	277492	91.19%	9.708%
22	10.746	2930	2941	2959	rBB	60487	100828	33.13%	3.527%
23	11.357	3122	3131	3145	rBB4	3680	6014	1.98%	0.210%
24	11.804	3259	3270	3293	rBV	153800	258236	84.86%	9.034%
25	12.183	3375	3388	3420	rBV	131024	227008	74.60%	7.941%

Sum of corrected areas: 2858525

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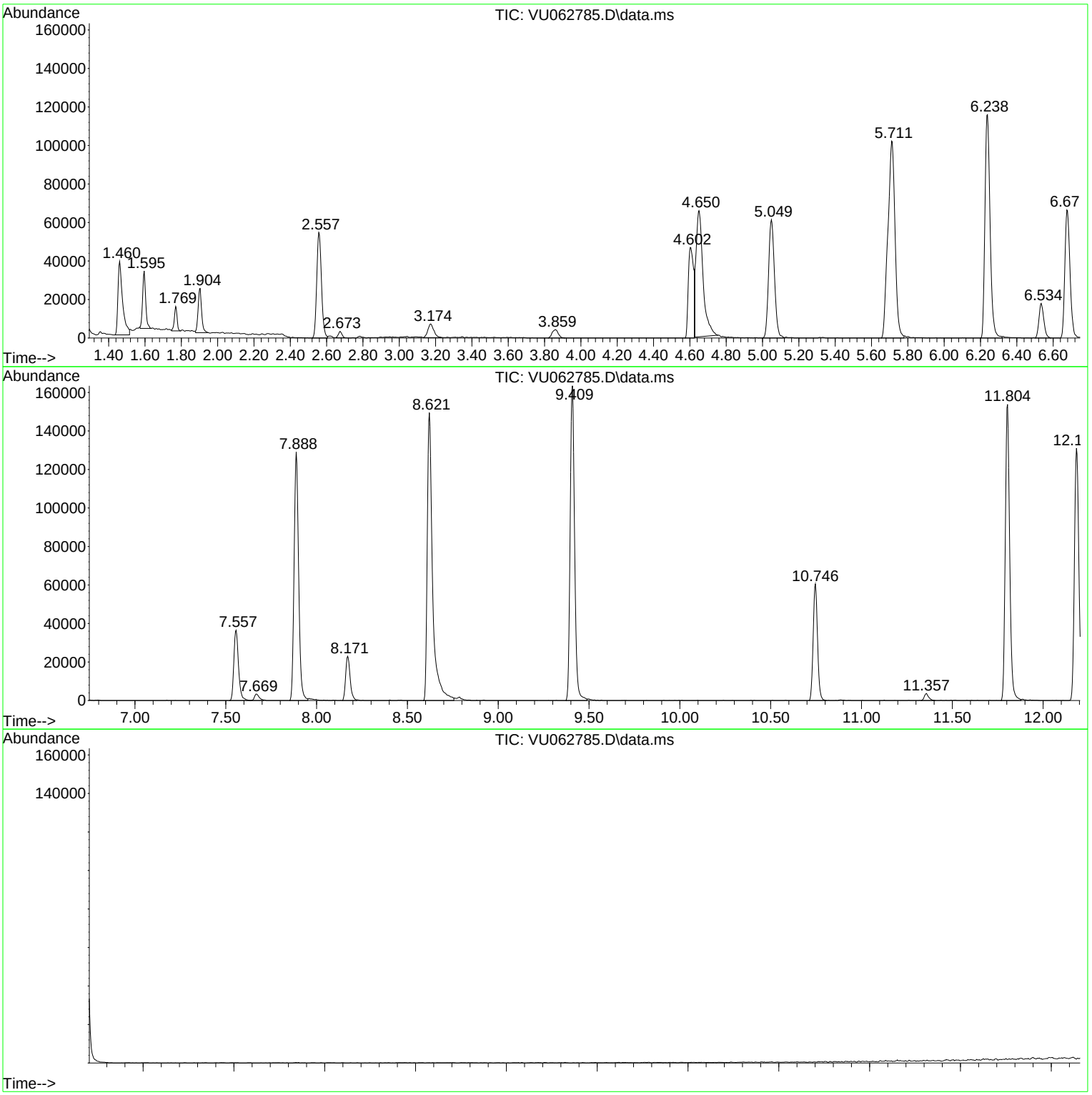
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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

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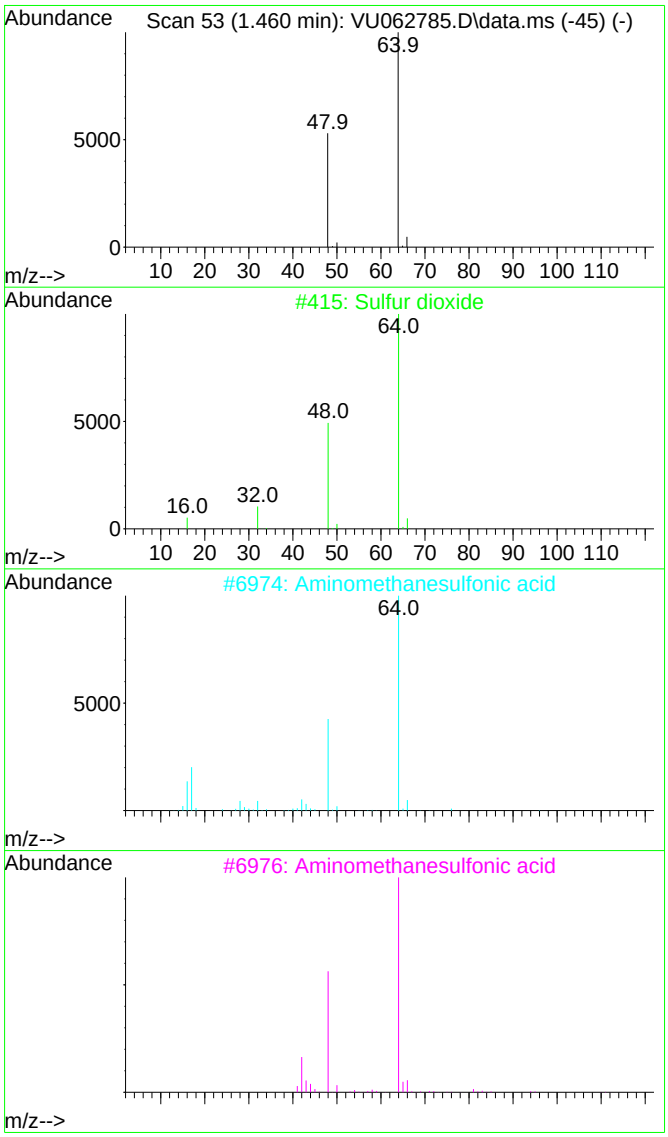
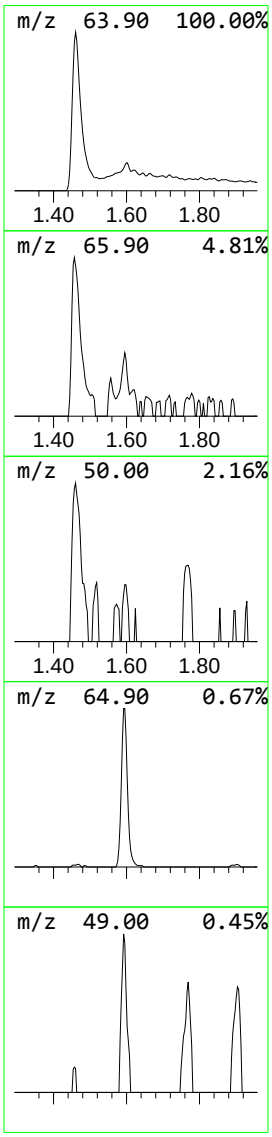
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.460	1.49 ug/L	67756	1,4-Difluorobenzene	6.238

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	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	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	1.460	1.5	ug/L	67756	1	6.238	227700	5.0