LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
Data File : VU062199.D
Acq On : 10 Dec 2024 08:55
Operator : MD/SY
Sample : P5111-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG458

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\SFAMUTR120924WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU062199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.357	16	21	23	rBV	7691	6475	1.69%	0.211%
2	1.377	23	27	35	rVB	8194	10249	2.67%	0.334%
3	1.592	84	94	105	rVB	45819	53642	13.96%	1.746%
4	1.808	127	161	162	rBV	18356	68789	17.90%	2.240%
5	1.914	186	194	202	rBV	36855	56923	14.82%	1.853%
6	2.097	247	251	269	rVB	15190	28911	7.52%	0.941%
7	2.451	354	361	380	rVB4	7113	14807	3.85%	0.482%
8	2.560	383	395	410	rVB	77055	121483	31.62%	3.955%
9	2.779	450	463	477	rBV2	5363	10004	2.60%	0.326%
10	3.666	729	739	750	rVB5	3091	6680	1.74%	0.217%
11	4.721	1049	1067	1069	rBV2	23170	43267	11.26%	1.409%
12	5.065	1158	1174	1198	rVB	70423	160828	41.86%	5.236%
13	5.730	1365	1381	1416	rBV2	152742	384211	100.00%	12.508%
14	6.254	1532	1544	1572	rBV	118485	226887	59.05%	7.387%
15	6.550	1625	1636	1651	rVB4	9491	17251	4.49%	0.562%
16	6.695	1669	1681	1703	rVB2	82340	162244	42.23%	5.282%
17	6.846	1718	1728	1740	rBV7	4010	7702	2.00%	0.251%
18	7.566	1942	1952	1974	rBV	40079	71414	18.59%	2.325%
19	7.897	2043	2055	2072	rBV	176577	312276	81.28%	10.166%
20	7.971	2072	2078	2092	rVB	5396	10071	2.62%	0.328%
21	8.180	2133	2143	2163	rVB	23605	40709	10.60%	1.325%
22	8.550	2251	2258	2267	rVB5	3307	4514	1.17%	0.147%
23	8.640	2276	2286	2324	rBV2	146263	319024	83.03%	10.386%
24	9.412	2515	2526	2554	rBV	162265	281520	73.27%	9.165%
25	10.749	2928	2942	2959	rBV	64891	103554	26.95%	3.371%
26	11.804	3258	3270	3292	rBV	164248	270111	70.30%	8.794%
27	12.187	3376	3389	3411	rBV	167681	278076	72.38%	9.053%

Sum of corrected areas: 3071622

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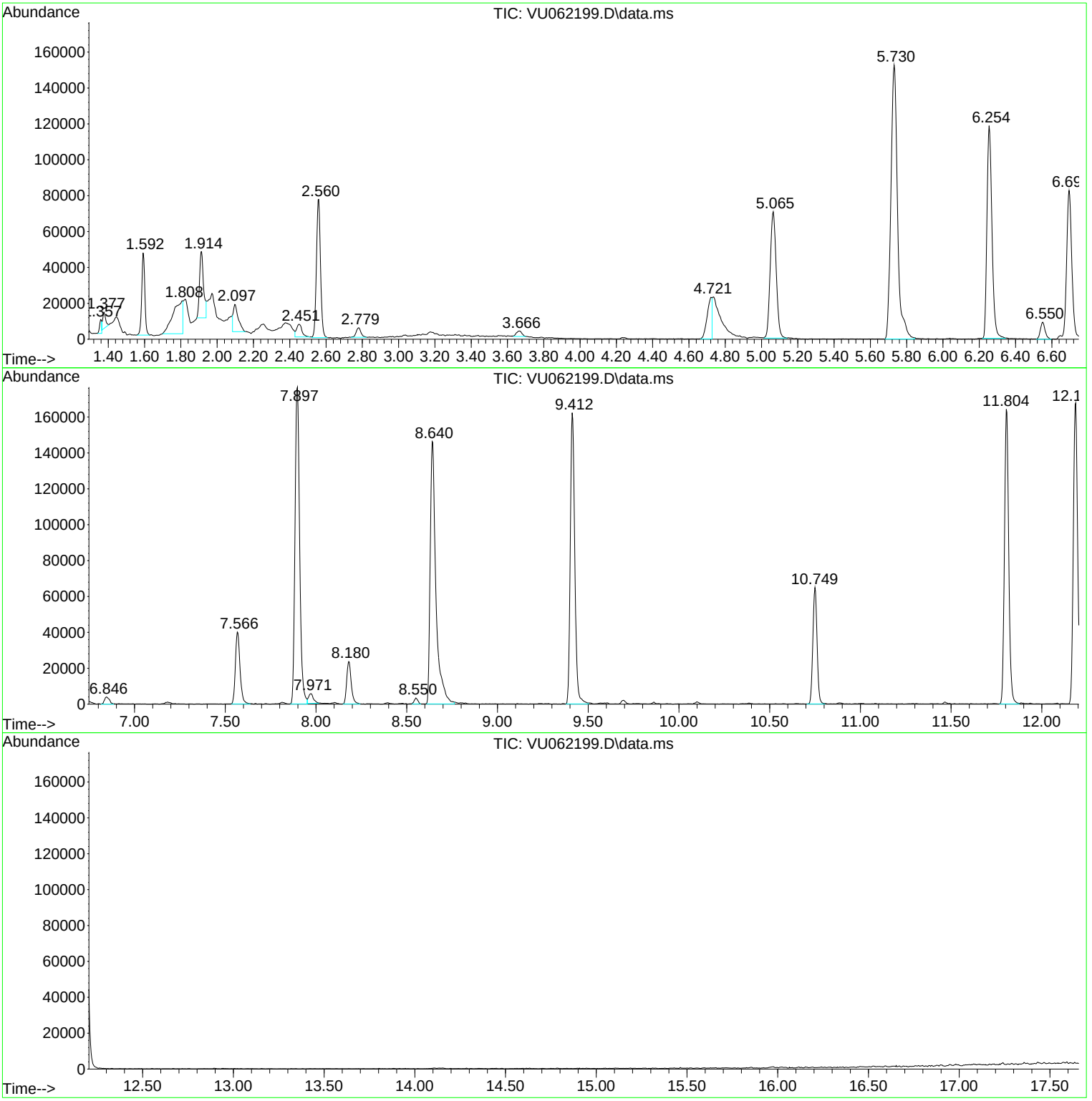
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0

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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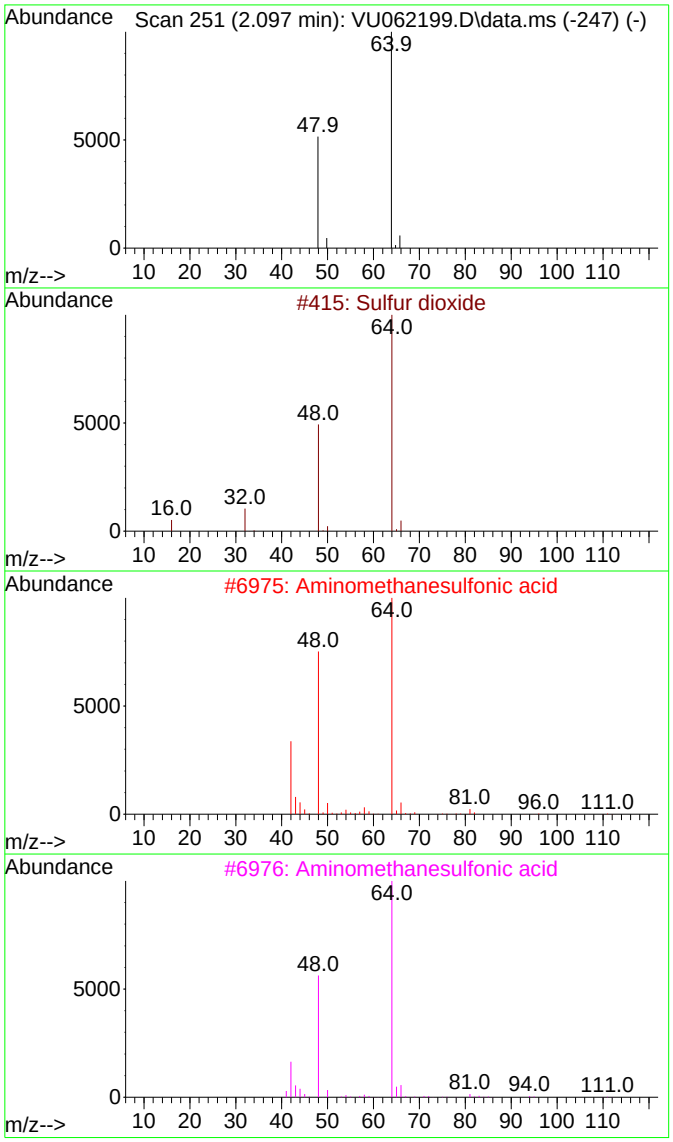
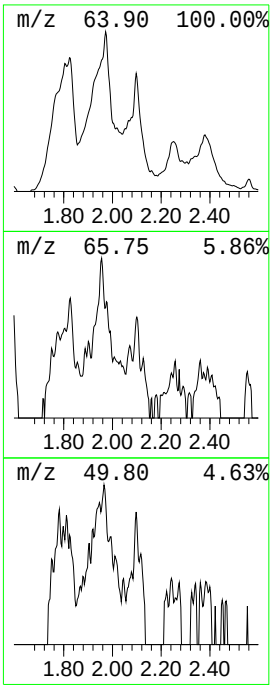
Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.097	0.64 ug/L	28911	1,4-Difluorobenzene	6.254

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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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	2.097	0.6	ug/L	28911	1	6.254	226887	5.0