LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062871.D
Acq On : 17 Jan 2025 15:02
Operator : MD/SY
Sample : Q1071-04DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ70DL

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: VU062871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.457	45	52	67	rBV	30831	47990	16.54%	1.688%
2	1.592	84	94	110	rVB	30680	36627	12.62%	1.288%
3	1.766	143	148	160	rVB4	2072	3080	1.06%	0.108%
4	1.901	182	190	204	rVB	26300	35563	12.25%	1.251%
5	2.557	382	394	407	rBV2	63873	110682	38.14%	3.894%
6	2.618	407	413	427	rVB2	2273	4194	1.45%	0.148%
7	2.743	441	452	474	rBV	48413	95132	32.78%	3.347%
8	3.174	573	586	600	rBB2	6637	14642	5.05%	0.515%
9	3.853	782	797	827	rBV	72109	173122	59.65%	6.090%
10	4.608	1022	1032	1038	rBV	39261	78575	27.08%	2.764%
11	4.650	1041	1045	1067	rVB2	40099	81560	28.10%	2.869%
12	5.049	1155	1169	1193	rBV	62446	138251	47.64%	4.863%
13	5.711	1357	1375	1398	rBV3	106334	290209	100.00%	10.209%
14	6.235	1527	1538	1560	rBV2	109228	211963	73.04%	7.456%
15	6.541	1623	1633	1642	rBB6	3813	7295	2.51%	0.257%
16	6.679	1663	1676	1692	rBV	67682	129710	44.70%	4.563%
17	7.557	1938	1949	1970	rBV2	36529	64656	22.28%	2.274%
18	7.888	2041	2052	2073	rBV	134451	239889	82.66%	8.439%
19	8.171	2130	2140	2154	rBV	22958	38539	13.28%	1.356%
20	8.621	2270	2280	2320	rBV	121571	252251	86.92%	8.874%
21	9.409	2513	2525	2548	rBV	146745	255710	88.11%	8.995%
22	10.746	2930	2941	2960	rBB2	53134	87965	30.31%	3.094%
23	11.804	3259	3270	3293	rBV	138457	232085	79.97%	8.164%
24	12.184	3377	3388	3412	rBV	122833	213017	73.40%	7.493%

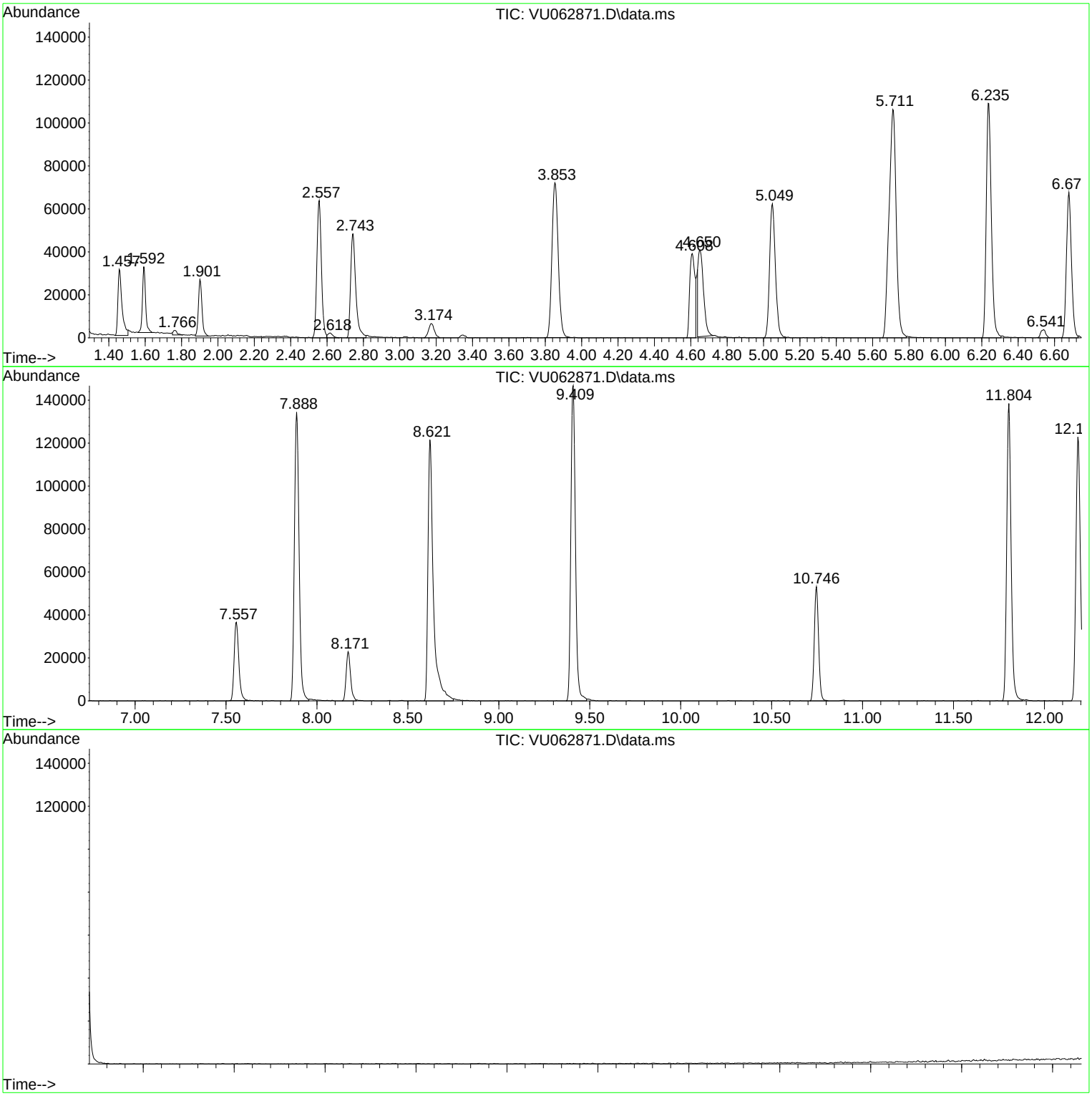
Sum of corrected areas: 2842707

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062871.D
Acq On : 17 Jan 2025 15:02
Operator : MD/SY
Sample : Q1071-04DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ70DL

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062871.D
Acq On : 17 Jan 2025 15:02
Operator : MD/SY
Sample : Q1071-04DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ70DL

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

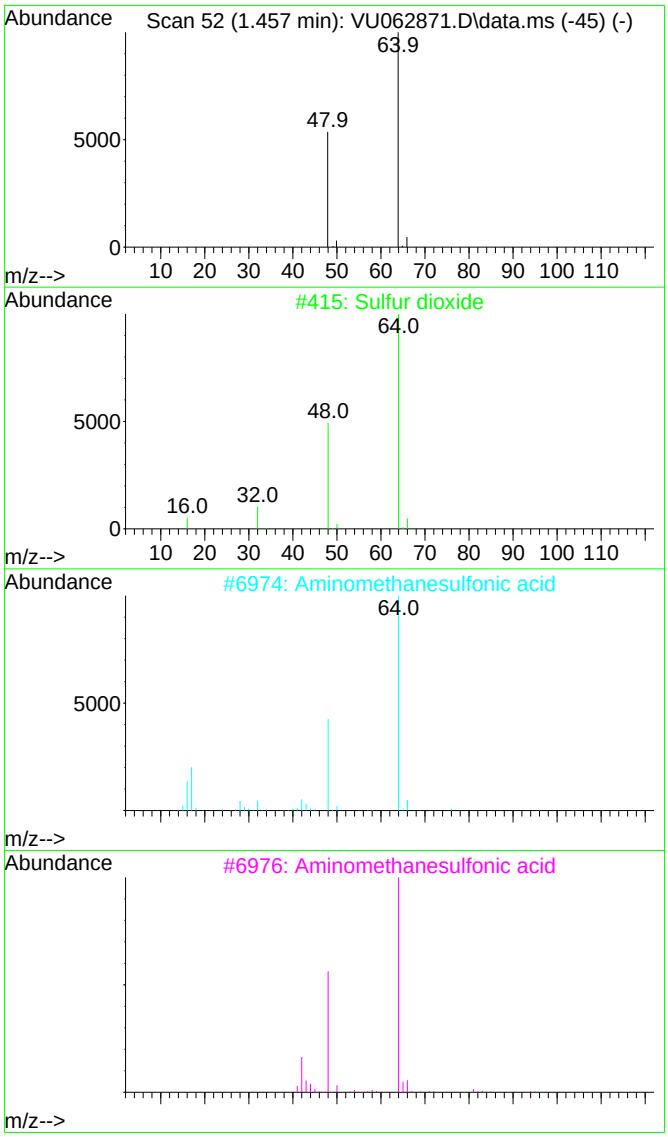
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

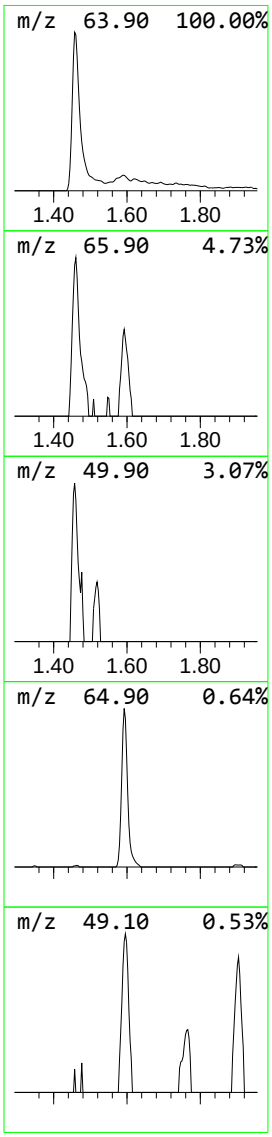
****

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.457	1.13 ug/L	47990	1,4-Difluorobenzene	6.235

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
Data File : VU062871.D
Acq On : 17 Jan 2025 15:02
Operator : MD/SY
Sample : Q1071-04DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ70DL

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.457	1.1	ug/L	47990	1	6.235	211963	5.0