LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062845.D
Acq On : 17 Jan 2025 01:56
Operator : MD/SY
Sample : Q1071-09DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ75DL

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: VU062845.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	77	rBV	21368	40674	11.20%	1.391%
2	1.592	87	94	107	rVB	17821	22169	6.10%	0.758%
3	1.776	145	151	161	rVB4	3163	4942	1.36%	0.169%
4	1.901	182	190	210	rVB	17630	24128	6.64%	0.825%
5	2.563	383	396	409	rBV4	64639	126491	34.83%	4.326%
6	3.171	571	585	602	rBV2	16665	37465	10.32%	1.281%
7	3.853	782	797	817	rBV	67784	162539	44.76%	5.559%
8	4.608	1021	1032	1035	rBV	44695	76873	21.17%	2.629%
9	4.650	1036	1045	1078	rVB	150447	363173	100.00%	12.422%
10	4.808	1083	1094	1109	rVV3	3461	7647	2.11%	0.262%
11	5.045	1155	1168	1187	rBV	59340	134348	36.99%	4.595%
12	5.711	1357	1375	1396	rBV3	81444	226311	62.31%	7.740%
13	6.235	1527	1538	1557	rBV	116513	223405	61.51%	7.641%
14	6.534	1621	1631	1645	rBB3	13059	24615	6.78%	0.842%
15	6.679	1664	1676	1697	rBV3	54547	106730	29.39%	3.650%
16	7.235	1837	1849	1862	rBV	14938	27609	7.60%	0.944%
17	7.557	1939	1949	1969	rBV	29649	53007	14.60%	1.813%
18	7.888	2041	2052	2072	rBV	98883	173246	47.70%	5.926%
19	8.171	2130	2140	2155	rBV	18309	31993	8.81%	1.094%
20	8.621	2270	2280	2315	rBV2	133802	265045	72.98%	9.065%
21	9.409	2513	2525	2546	rBV	159667	272740	75.10%	9.329%
22	10.746	2930	2941	2954	rBV2	51753	85837	23.64%	2.936%
23	10.881	2975	2983	2994	rBB2	2387	4024	1.11%	0.138%
24	11.804	3259	3270	3294	rBV	146204	248744	68.49%	8.508%
25	12.183	3377	3388	3407	rBV2	105536	179971	49.56%	6.156%

Sum of corrected areas: 2923726

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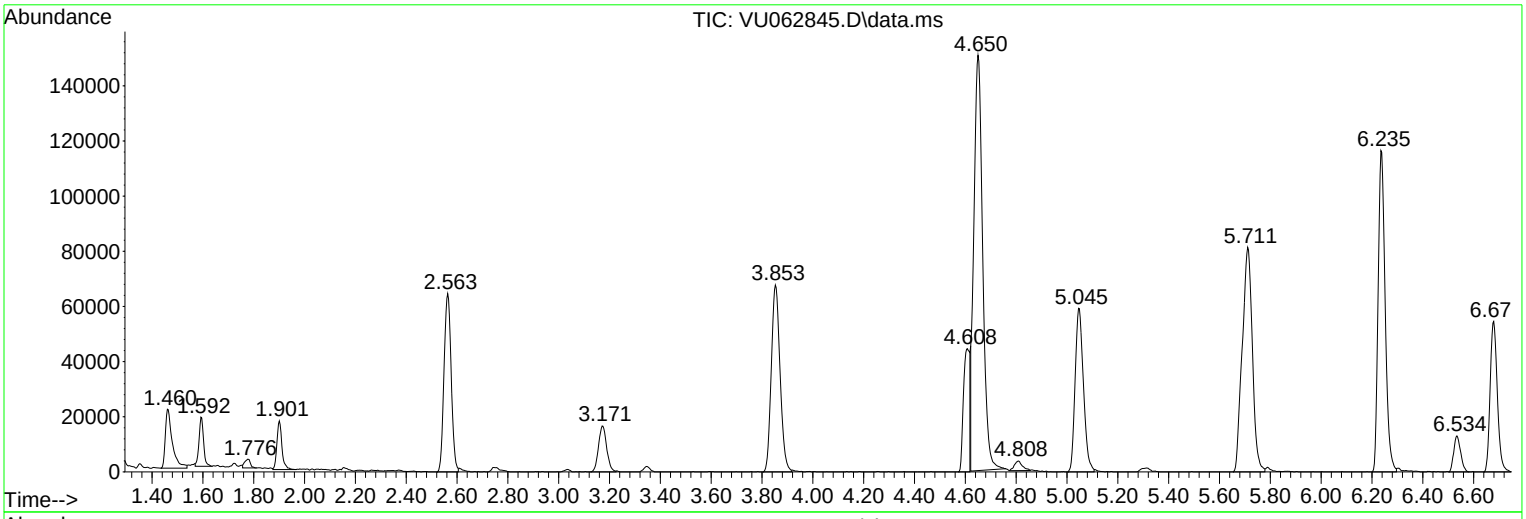
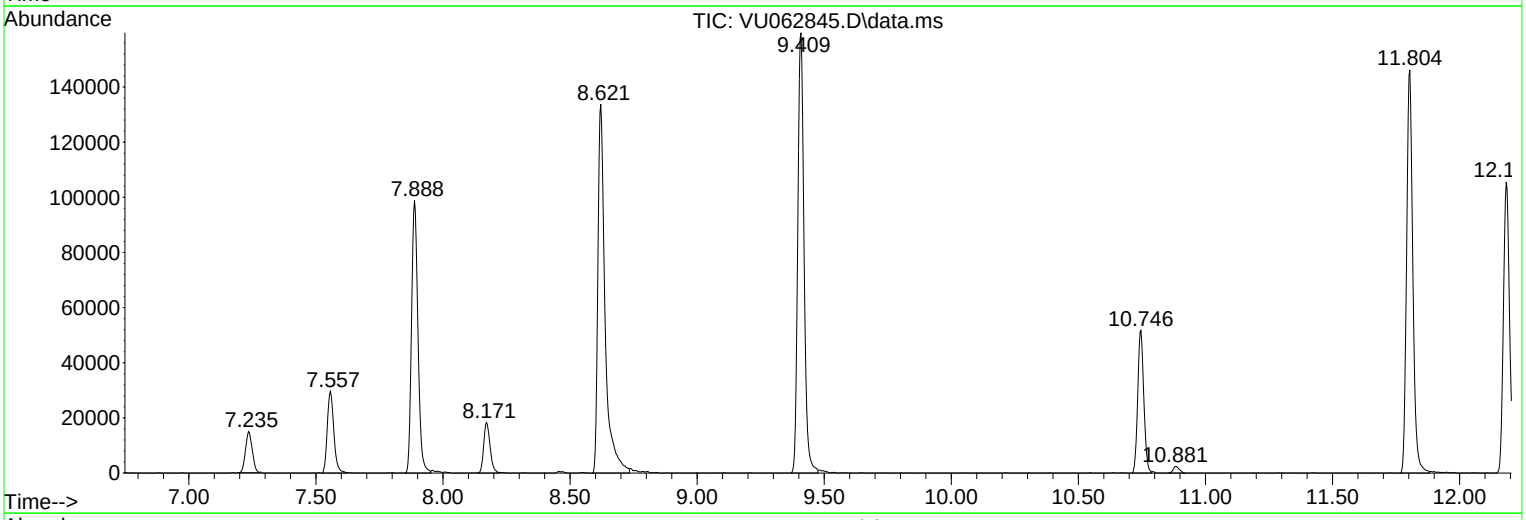
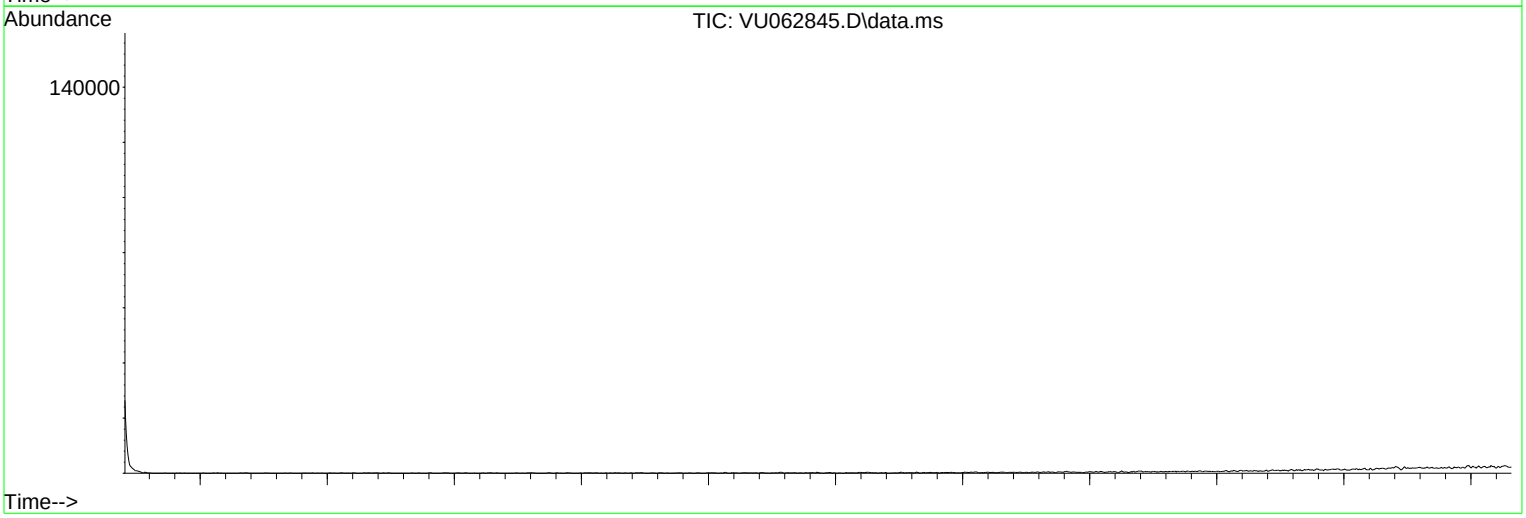
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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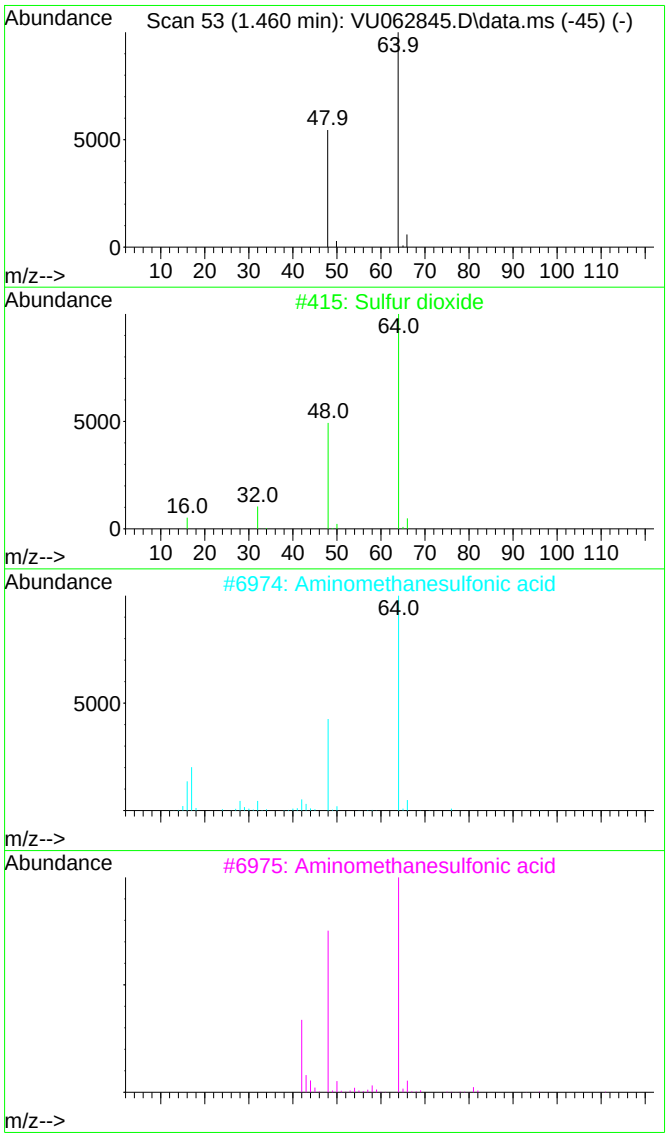
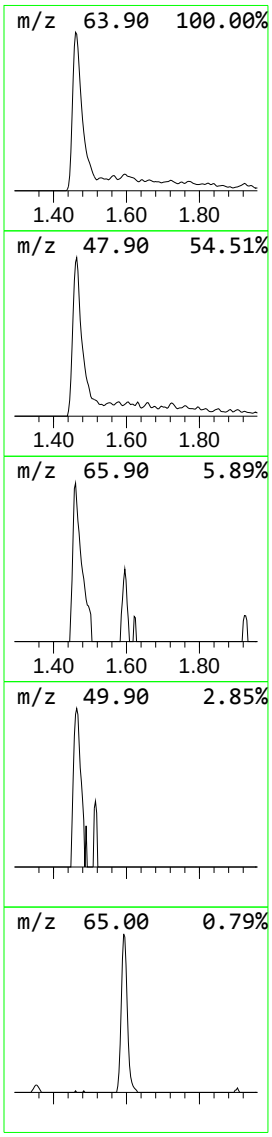
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.460	0.91 ug/L	40674	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	64
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	0.9	ug/L	40674	1	6.235	223405	5.0