LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063161.D
Acq On : 05 Feb 2025 15:51
Operator : MD/SY
Sample : Q1226-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DCZP5

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\SFAMUTR020425WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU063161.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	79	rBV	28835	53146	16.65%	2.161%
2	1.592	86	94	111	rVB	29295	34840	10.91%	1.416%
3	1.763	140	147	155	rVB6	3909	6031	1.89%	0.245%
4	1.901	182	190	208	rVB	28859	38031	11.91%	1.546%
5	2.554	381	393	406	rBV	48897	79816	25.01%	3.245%
6	3.174	574	586	597	rBV2	1792	3978	1.25%	0.162%
7	3.692	736	747	757	rBV3	1880	3829	1.20%	0.156%
8	4.457	976	985	1002	rBV4	1679	3975	1.25%	0.162%
9	4.605	1022	1031	1075	rBV	51739	138492	43.39%	5.630%
10	5.049	1155	1169	1190	rBV	50636	112996	35.40%	4.594%
11	5.711	1357	1375	1395	rBV2	101238	267732	83.88%	10.885%
12	6.238	1527	1539	1566	rBV	98311	189546	59.38%	7.706%
13	6.534	1621	1631	1646	rBV	13489	24980	7.83%	1.016%
14	6.679	1663	1676	1696	rBV	64604	127532	39.95%	5.185%
15	7.557	1938	1949	1971	rBV2	29612	52723	16.52%	2.143%
16	7.888	2040	2052	2075	rBV	115018	202379	63.40%	8.228%
17	8.171	2131	2140	2156	rBV	17616	30393	9.52%	1.236%
18	8.544	2247	2256	2268	rVB2	16820	28290	8.86%	1.150%
19	8.621	2270	2280	2319	rBV	164462	319197	100.00%	12.977%
20	9.409	2513	2525	2540	rBV	140511	239980	75.18%	9.757%
21	9.476	2540	2546	2557	rVB3	5197	8965	2.81%	0.364%
22	10.746	2929	2941	2964	rBV	52796	88216	27.64%	3.586%
23	11.804	3259	3270	3286	rBV	116809	195346	61.20%	7.942%
24	12.183	3376	3388	3409	rBV	100984	169193	53.01%	6.879%
25	13.000	3633	3642	3653	rBV2	8016	11800	3.70%	0.480%
26	13.093	3663	3671	3680	rVB3	6893	9860	3.09%	0.401%
27	13.958	3930	3940	3949	rVB	12645	18417	5.77%	0.749%

Sum of corrected areas: 2459683

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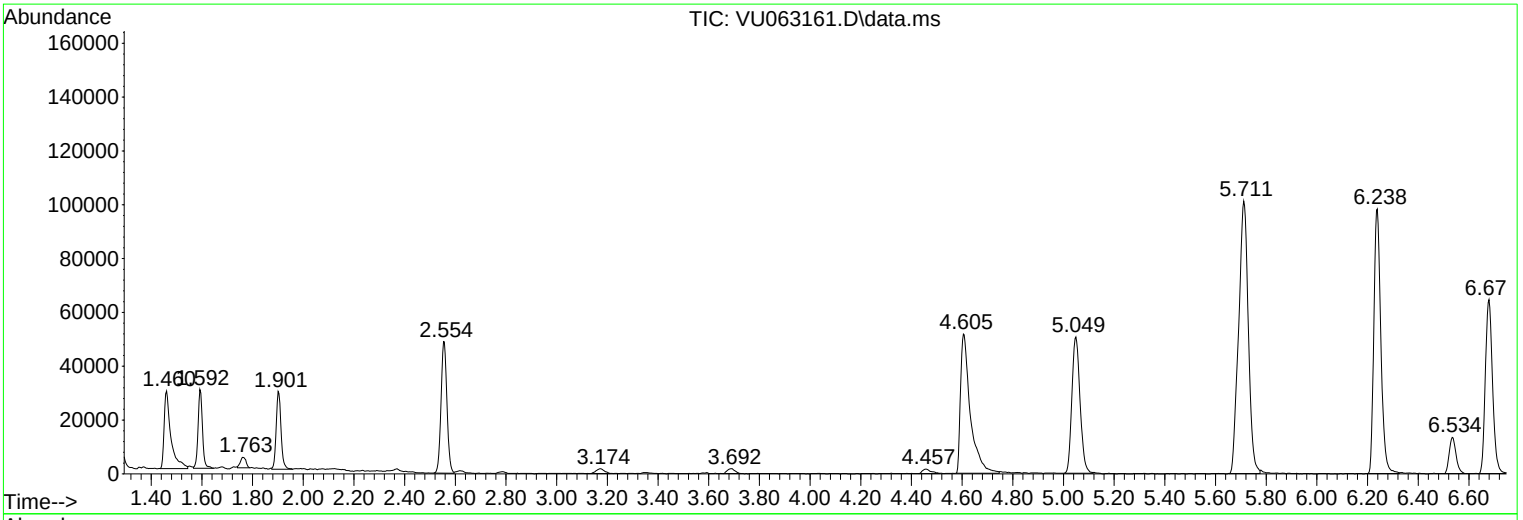
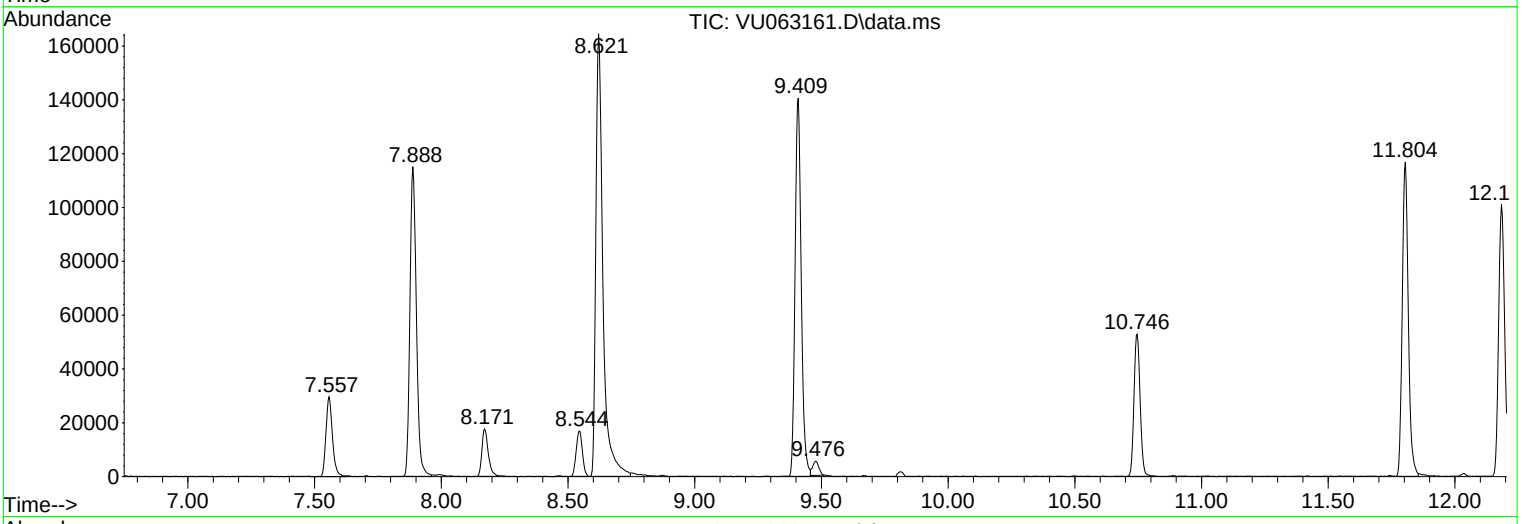
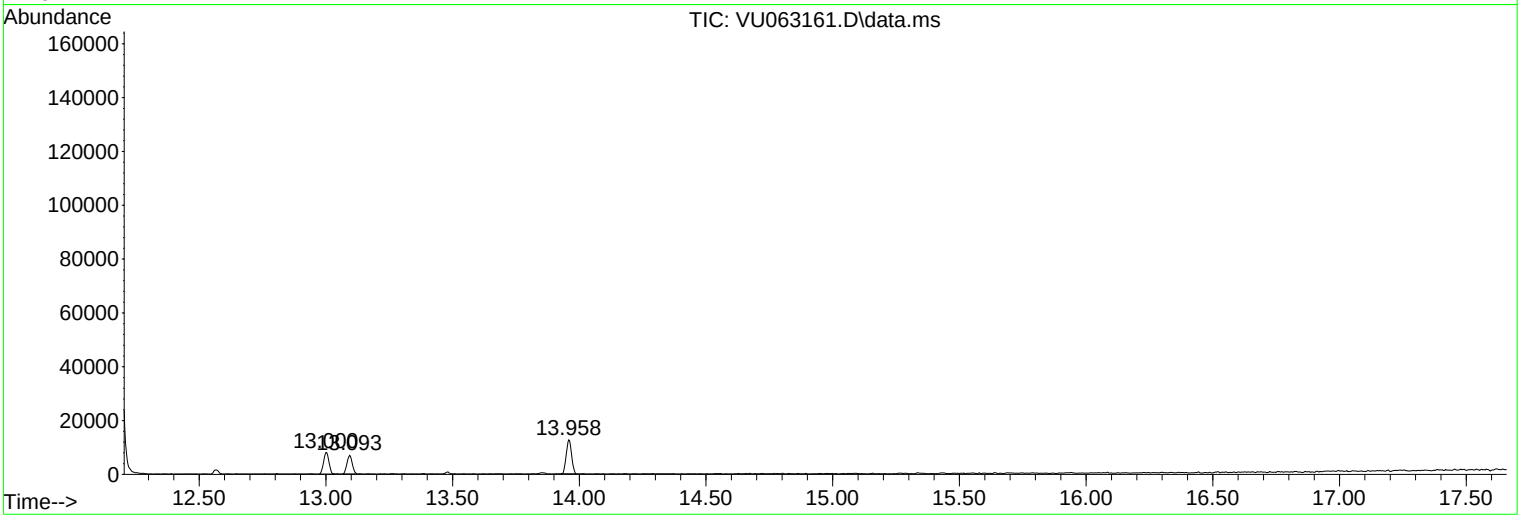
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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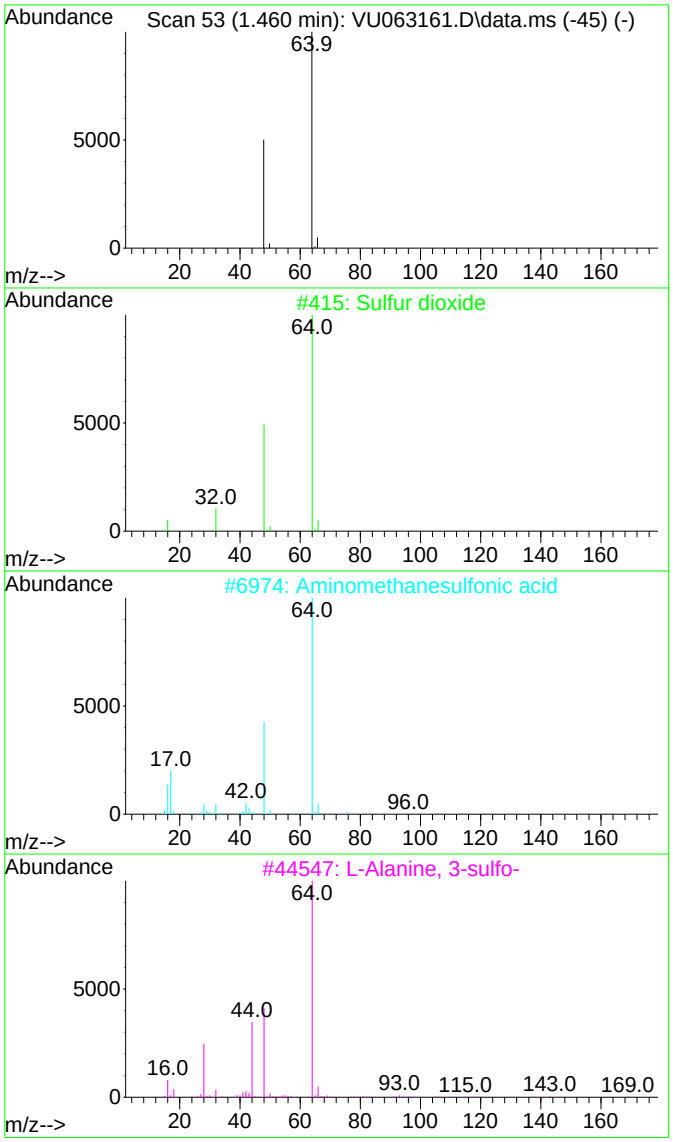
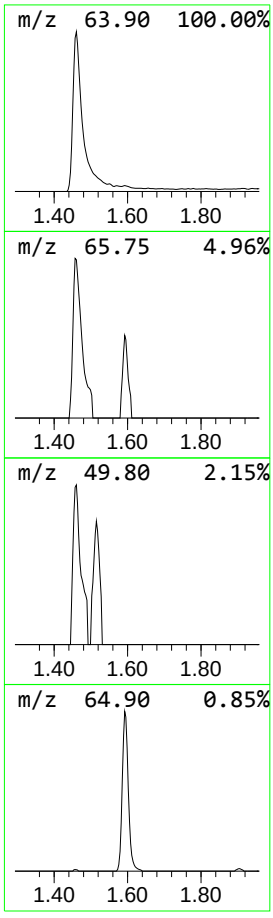
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.460	1.40 ug/L	53146	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	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	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	1.460	1.4	ug/L	53146	1	6.238	189546	5.0