LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056533.D
Acq On : 20 Nov 2023 18:03
Operator : MD/SY
Sample : 05476-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AE8

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\SFAMUTR111323WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU056533.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	16	26	34	rBV	12097	14977	1.49%	0.196%
2	1.464	44	54	74	rBV	653489	1006958	100.00%	13.178%
3	1.596	89	95	103	rVB	68588	75145	7.46%	0.983%
4	1.911	185	193	202	rBV	67130	89846	8.92%	1.176%
5	2.563	382	396	410	rBV	112472	189173	18.79%	2.476%
6	2.634	410	418	424	rVV2	6677	12533	1.24%	0.164%
7	2.679	424	432	444	rVB3	13364	23049	2.29%	0.302%
8	2.792	454	467	477	rBV	6946	12913	1.28%	0.169%
9	3.039	530	544	556	rBV3	7621	14639	1.45%	0.192%
10	4.618	1025	1035	1083	rBV	115746	313620	31.15%	4.104%
11	5.055	1156	1171	1195	rBV2	143213	327176	32.49%	4.282%
12	5.721	1356	1378	1408	rBV2	258736	693177	68.84%	9.071%
13	6.245	1528	1541	1570	rBV	336409	662051	65.75%	8.664%
14	6.685	1665	1678	1696	rVB2	174575	341038	33.87%	4.463%
15	7.563	1939	1951	1974	rBV	78742	141743	14.08%	1.855%
16	7.894	2041	2054	2073	rBV	264081	476919	47.36%	6.241%
17	8.177	2131	2142	2159	rBV	46612	84469	8.39%	1.105%
18	8.627	2269	2282	2322	rBV	430685	814478	80.89%	10.659%
19	8.791	2322	2333	2344	rVB7	6151	11888	1.18%	0.156%
20	9.412	2511	2526	2552	rBV	455398	805831	80.03%	10.546%
21	10.750	2927	2942	2959	rBV	147496	243073	24.14%	3.181%
22	10.888	2972	2985	2998	rVB5	6111	10735	1.07%	0.140%
23	11.807	3258	3271	3292	rBV	461371	755546	75.03%	9.888%
24	12.187	3377	3389	3410	rBV	305635	520448	51.69%	6.811%

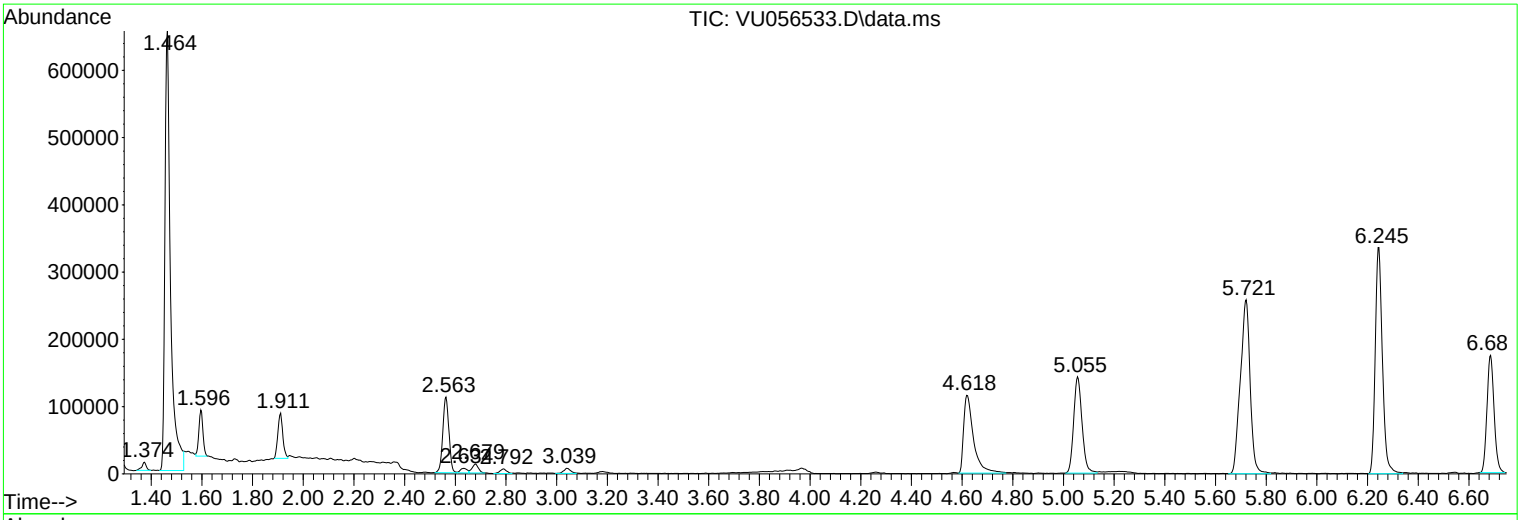
Sum of corrected areas: 7641425

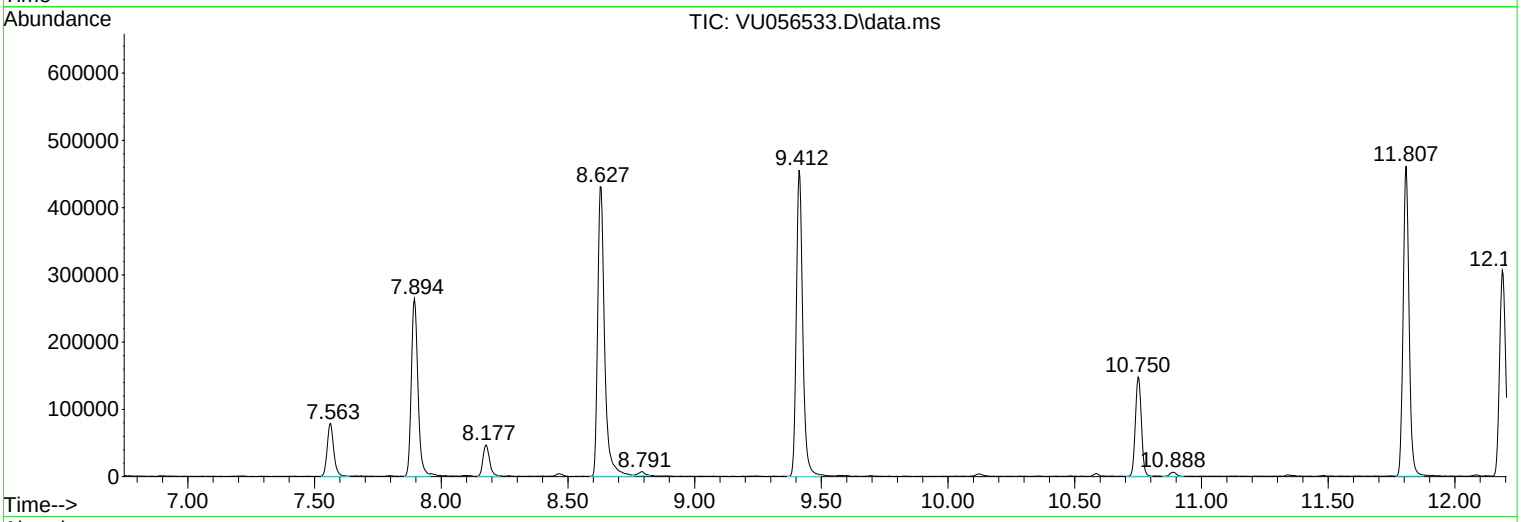
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
Data File : VU056533.D
Acq On : 20 Nov 2023 18:03
Operator : MD/SY
Sample : 05476-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

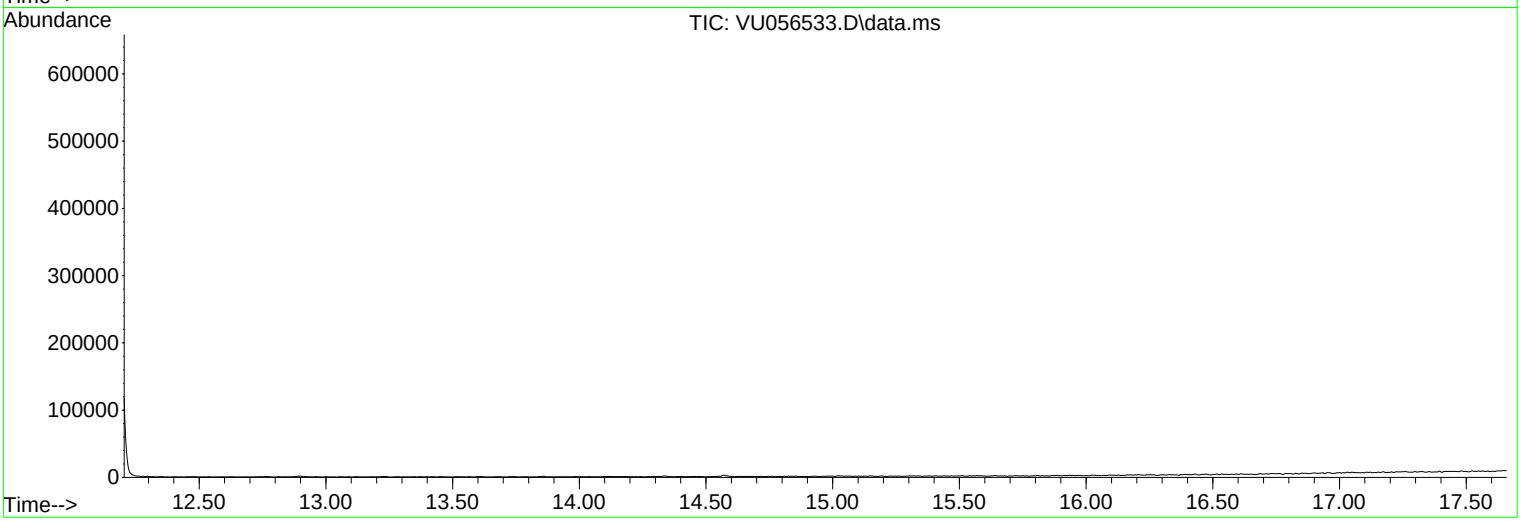
Instrument :
MSVOA_U
ClientSampleId :
C0AE8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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\VU112023\
Data File : VU056533.D
Acq On : 20 Nov 2023 18:03
Operator : MD/SY
Sample : 05476-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AE8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0

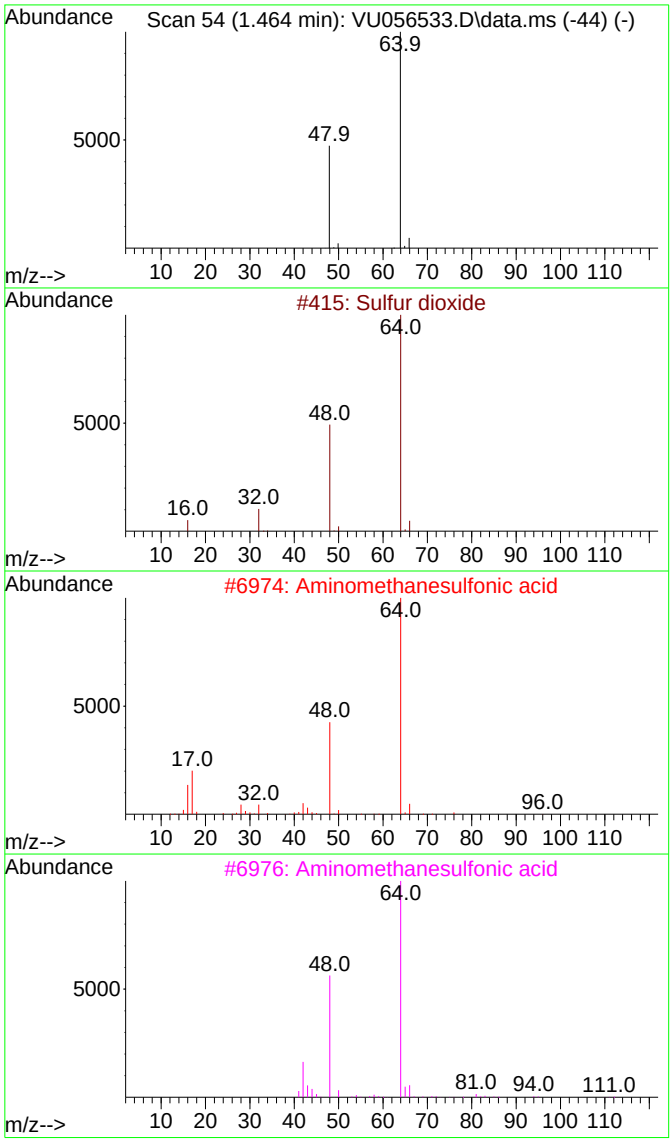
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

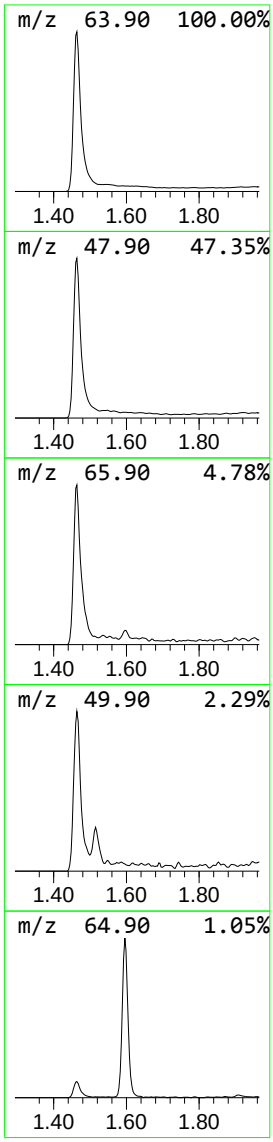
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.464	7.60 ug/L	1006960	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
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\VU112023\
Data File : VU056533.D
Acq On : 20 Nov 2023 18:03
Operator : MD/SY
Sample : 05476-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AE8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.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	1.464	7.6	ug/L	1006960	1	6.245	662051	5.0