

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027365.D
 Acq On : 13 Aug 2022 13:18
 Operator : SY/MD
 Sample : N4115-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D81

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_V\Method\SFAMVTR081122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	15	21	22	rBV	10629	9435	1.82%	0.220%
2	1.208	47	52	57	rBV3	5669	5855	1.13%	0.137%
3	1.304	72	82	94	rBV2	223197	260944	50.23%	6.098%
4	1.375	95	104	124	rVV	31521	102456	19.72%	2.394%
5	1.561	156	162	173	rVB	39701	46908	9.03%	1.096%
6	1.802	232	237	251	rVB6	10207	18148	3.49%	0.424%
7	2.101	320	330	347	rVB	82204	123344	23.74%	2.883%
8	2.754	521	533	550	rBV	37125	68886	13.26%	1.610%
9	3.754	834	844	847	rBV8	3720	5942	1.14%	0.139%
10	3.889	876	886	921	rBV2	61580	213518	41.10%	4.990%
11	4.343	1009	1027	1048	rBV	73630	190648	36.70%	4.456%
12	5.043	1228	1245	1258	rBV3	142843	364928	70.25%	8.529%
13	5.362	1334	1344	1359	rBV4	18404	41206	7.93%	0.963%
14	5.613	1412	1422	1440	rBV	189134	388523	74.79%	9.080%
15	5.915	1508	1516	1522	rBV	4129	7096	1.37%	0.166%
16	6.066	1545	1563	1580	rBV	93035	209150	40.26%	4.888%
17	6.989	1839	1850	1863	rBV2	35113	71085	13.68%	1.661%
18	7.314	1941	1951	1975	rBV	133259	252822	48.67%	5.909%
19	7.625	2040	2048	2064	rBV2	20447	38758	7.46%	0.906%
20	8.088	2182	2192	2233	rBV	227901	477942	92.00%	11.170%
21	8.850	2411	2429	2452	rBV	302446	519483	100.00%	12.141%
22	10.214	2842	2853	2868	rBV	84977	139421	26.84%	3.258%
23	11.249	3163	3175	3192	rBV	279539	443632	85.40%	10.368%
24	11.622	3280	3291	3310	rBV	165491	270772	52.12%	6.328%
25	14.082	4049	4056	4063	rVB7	5582	8019	1.54%	0.187%

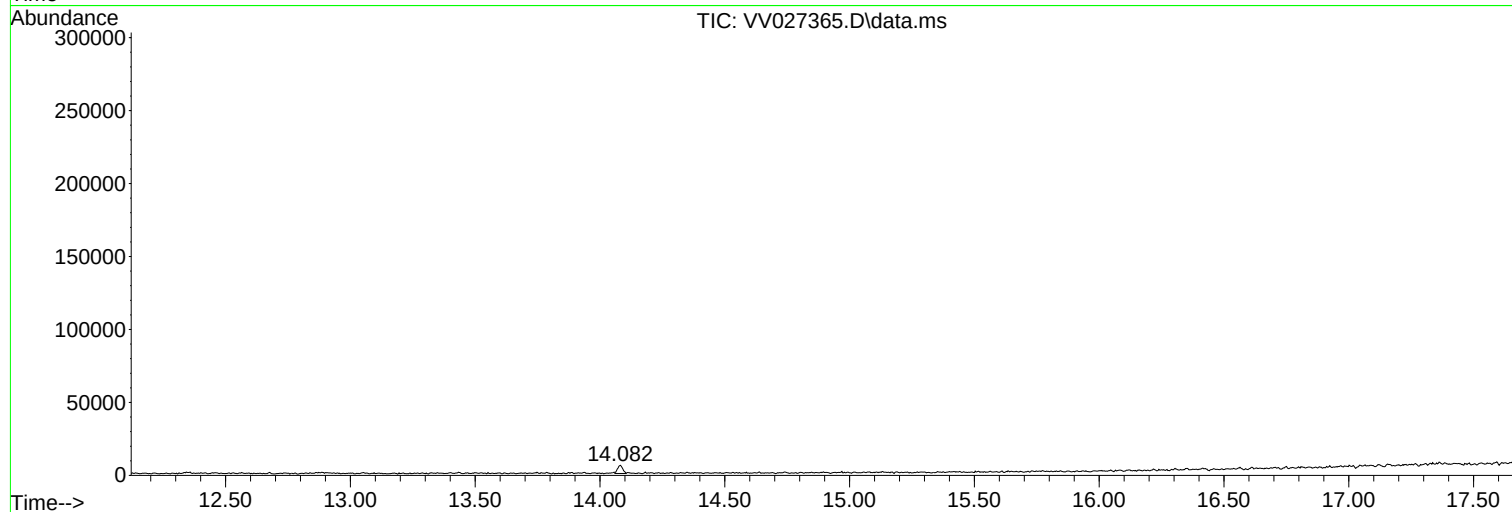
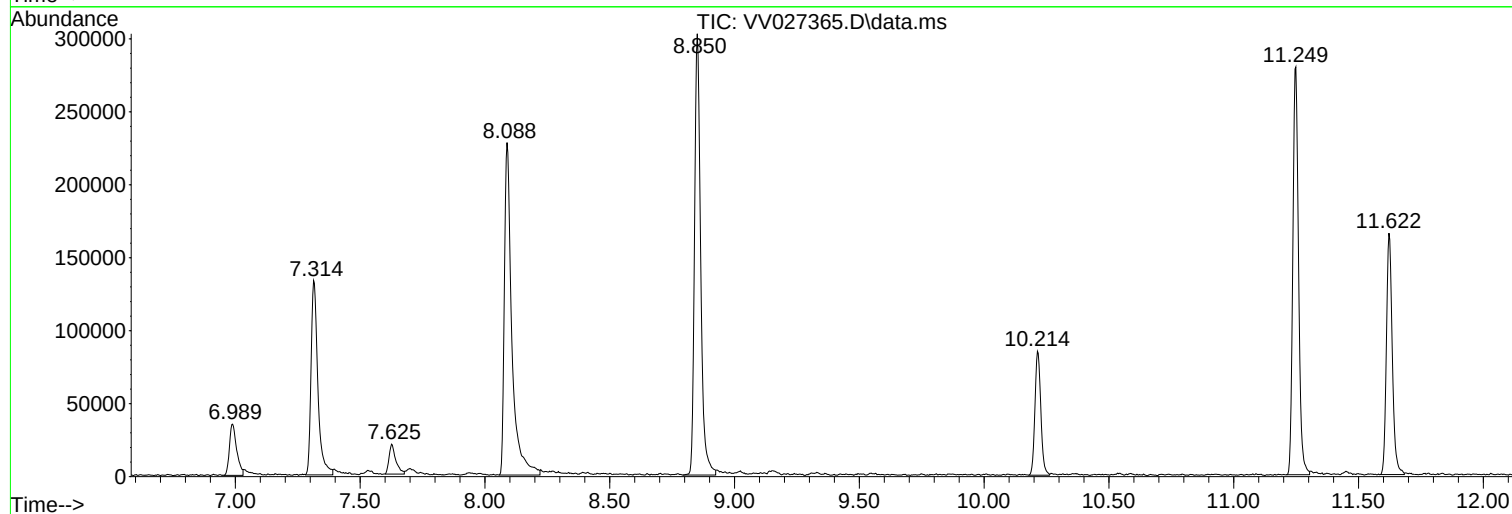
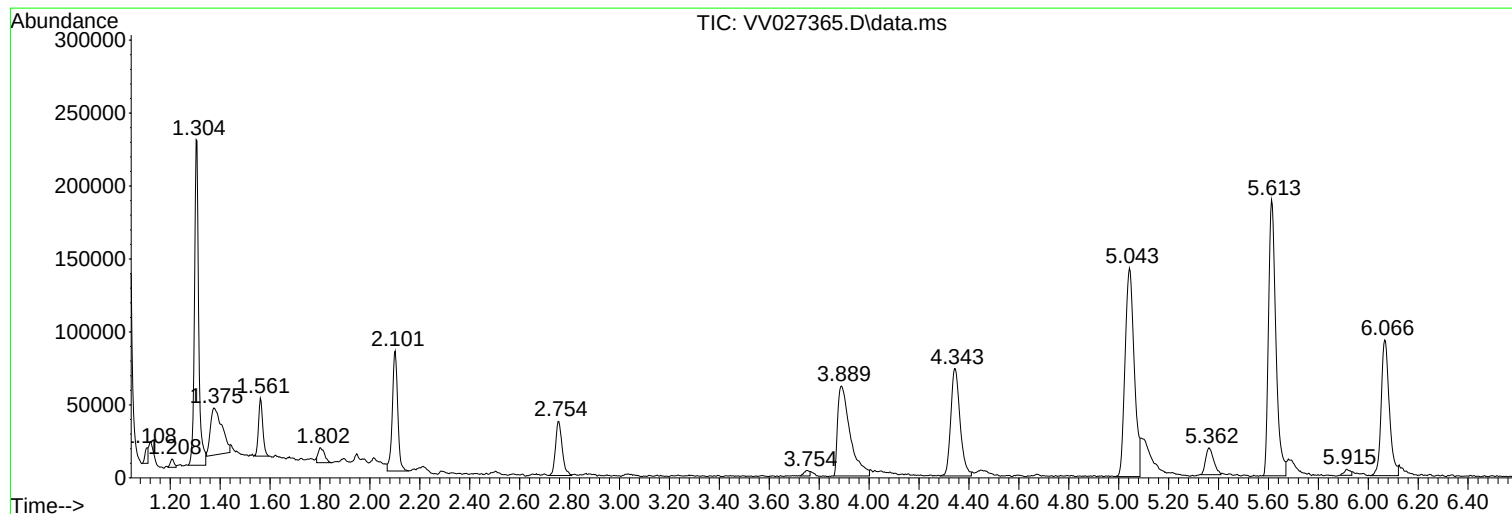
Sum of corrected areas: 4278921

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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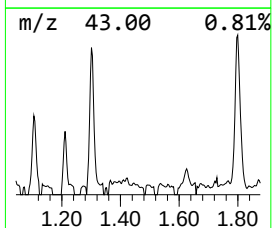
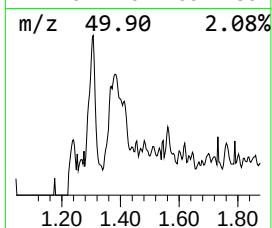
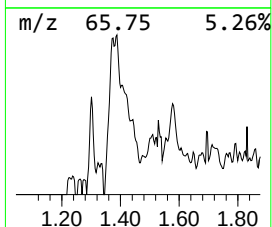
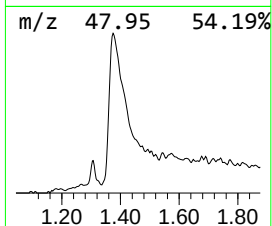
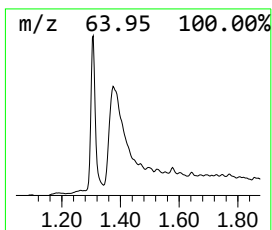
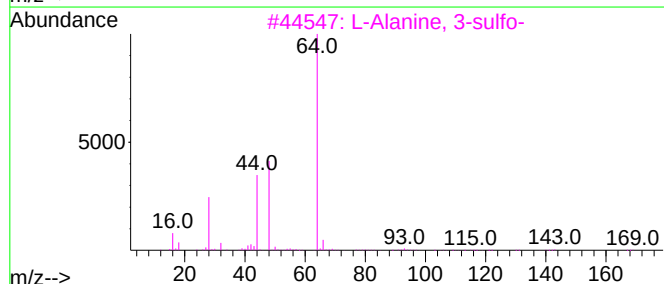
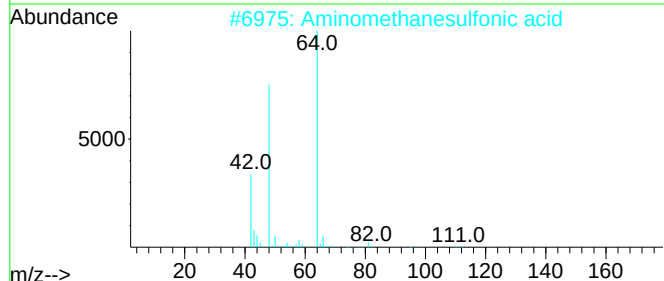
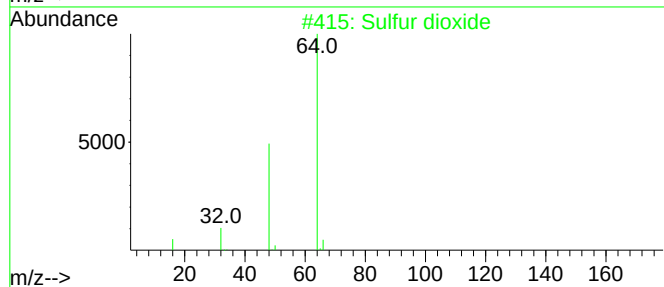
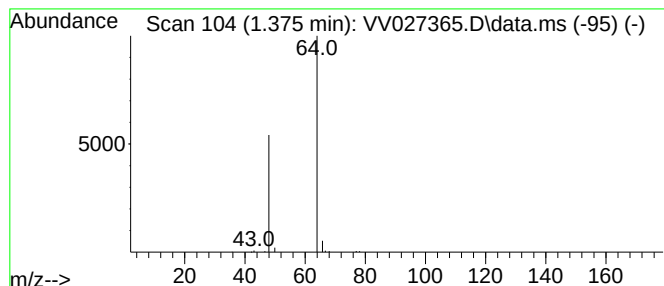
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.375	1.32 ug/L	102456	1,4-Difluorobenzene	5.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
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			Sulfur dioxide	64	O2S	007446-09-5	4



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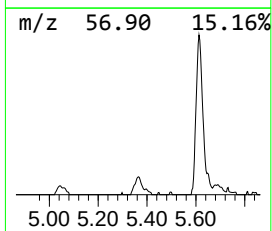
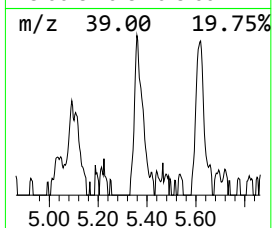
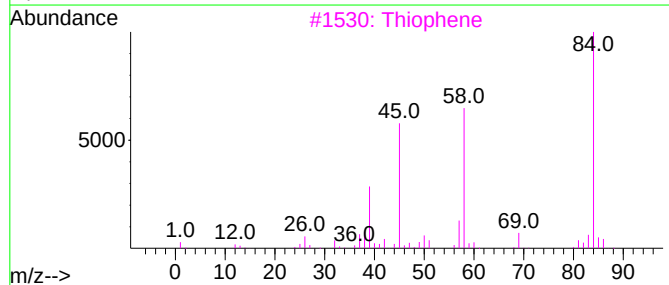
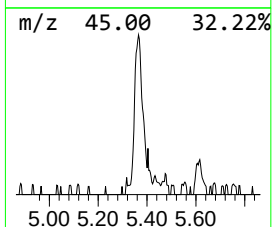
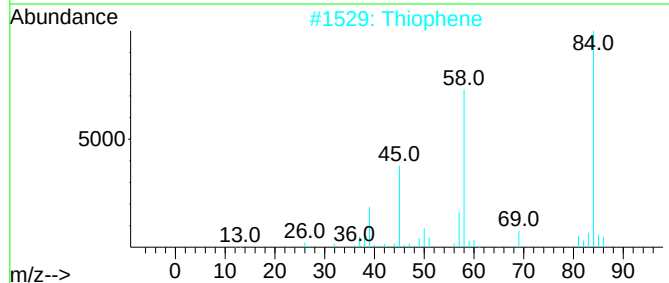
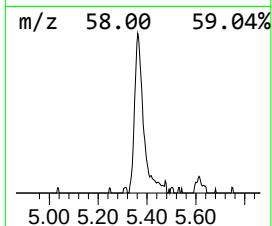
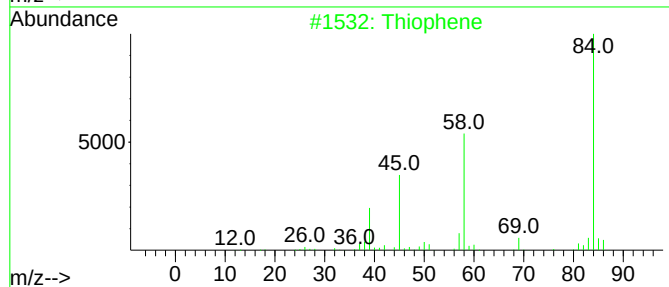
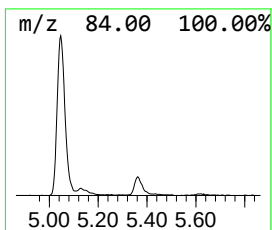
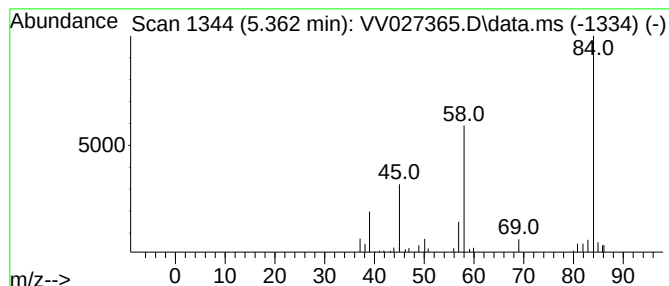
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.362	0.53 ug/L	41206	1,4-Difluorobenzene	5.613

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	91
2			Thiophene	84	C4H4S	000110-02-1	91
3			Thiophene	84	C4H4S	000110-02-1	87
4			Thiophene	84	C4H4S	000110-02-1	83
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43



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Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.375	1.3	ug/L	102456	1	5.613	388523	5.0
Thiophene	5.362	0.5	ug/L	41206	1	5.613	388523	5.0