

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051778.D
 Acq On : 08 Nov 2022 12:46
 Operator : JC/MD
 Sample : N5407-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z6

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\SFAMUTR102822WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU051778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	33	42	53	rBV	43852	87278	10.39%	1.212%
2	1.597	72	80	96	rVV	108703	135151	16.09%	1.876%
3	1.684	99	107	125	rVB	207128	249848	29.74%	3.468%
4	1.912	169	178	193	rBV	92751	123477	14.70%	1.714%
5	2.565	369	381	392	rBV	166425	271208	32.28%	3.765%
6	2.626	392	400	413	rVB2	9944	18408	2.19%	0.256%
7	3.819	755	771	772	rBV	5900	9133	1.09%	0.127%
8	4.620	1008	1020	1043	rBV	119762	304156	36.20%	4.222%
9	5.063	1142	1158	1184	rBV2	177197	460561	54.82%	6.394%
10	5.723	1342	1363	1402	rBV2	316884	840141	100.00%	11.663%
11	6.247	1512	1526	1545	rBV	258568	500976	59.63%	6.955%
12	6.687	1648	1663	1686	rBV	203152	404433	48.14%	5.614%
13	7.565	1924	1936	1959	rBV	86234	156897	18.68%	2.178%
14	7.896	2026	2039	2054	rBV	363504	630280	75.02%	8.750%
15	7.970	2054	2062	2076	rVB	23041	42221	5.03%	0.586%
16	8.179	2116	2127	2143	rBV2	53744	92962	11.07%	1.291%
17	8.632	2256	2268	2311	rBV2	389312	762539	90.76%	10.586%
18	9.417	2499	2512	2531	rBV	389306	658154	78.34%	9.137%
19	9.693	2588	2598	2611	rBV2	11584	19280	2.29%	0.268%
20	10.755	2916	2928	2941	rBV	162676	259176	30.85%	3.598%
21	10.890	2960	2970	2984	rVB3	8658	14966	1.78%	0.208%
22	11.809	3243	3256	3277	rBV	339696	562809	66.99%	7.813%
23	12.063	3325	3335	3341	rBV3	11891	20589	2.45%	0.286%
24	12.192	3362	3375	3402	rBV	345798	578822	68.90%	8.035%

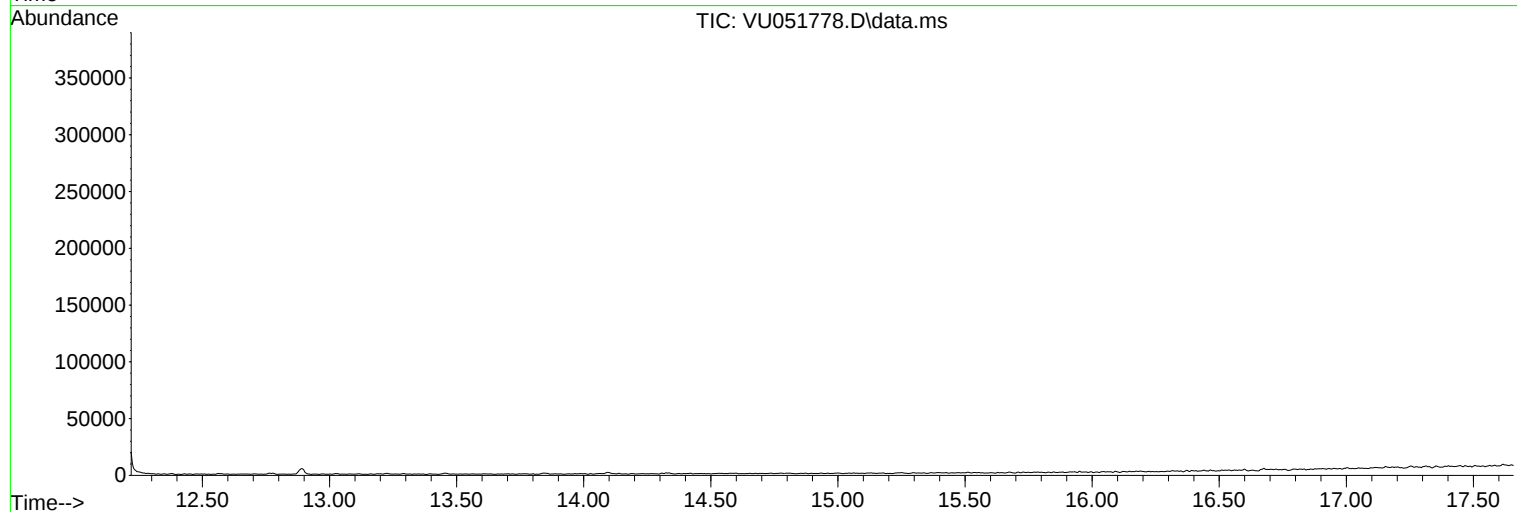
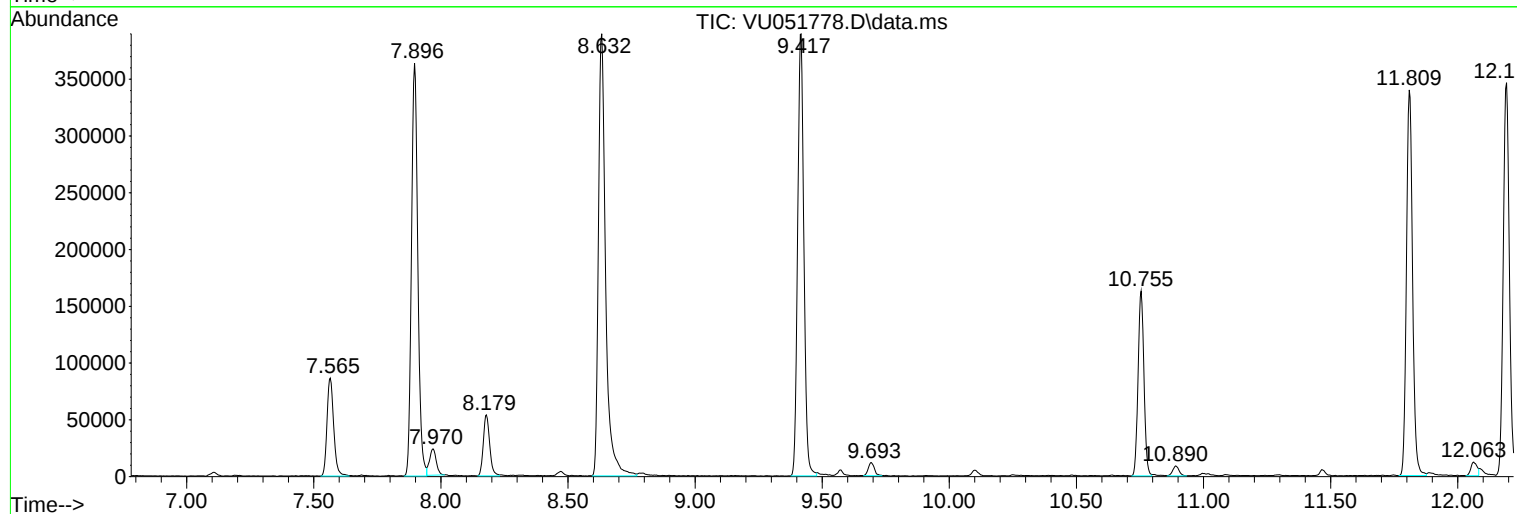
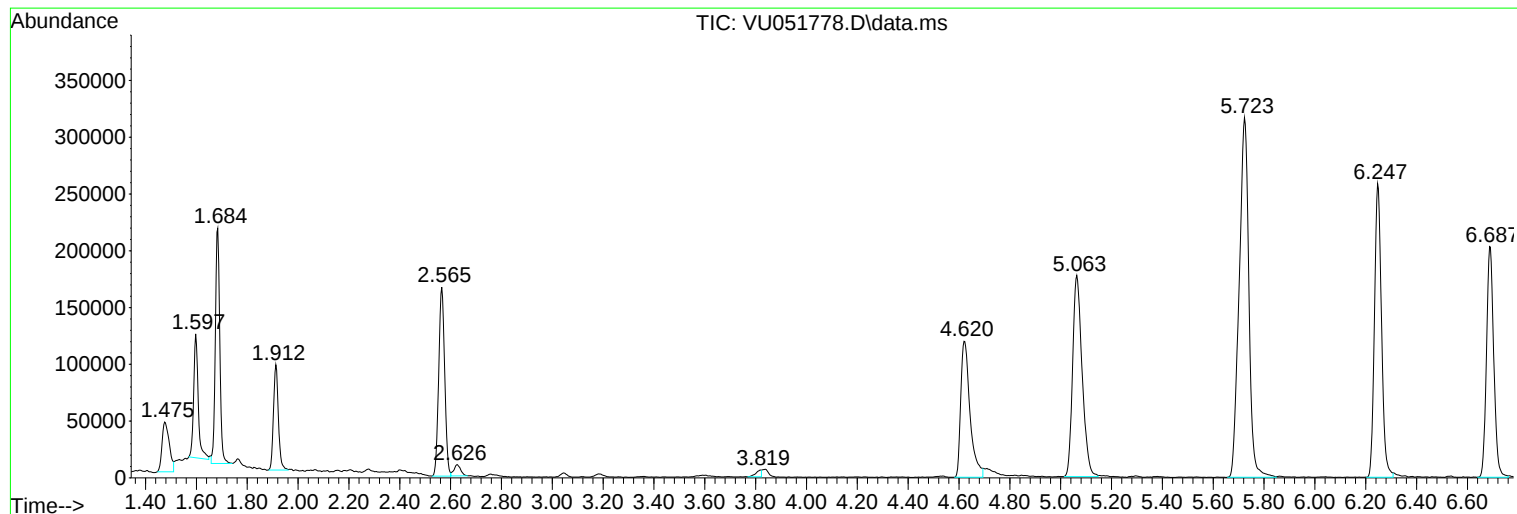
Sum of corrected areas: 7203465

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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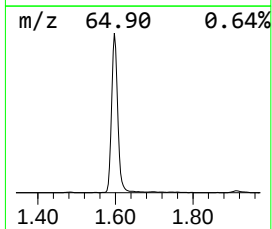
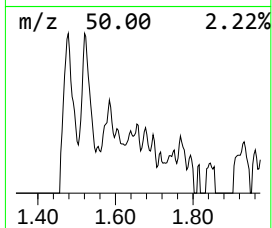
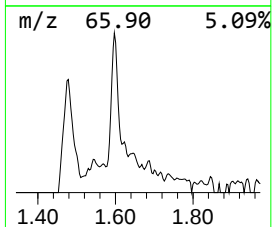
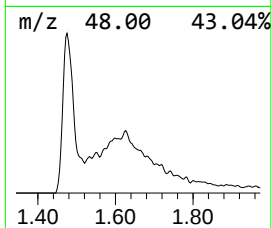
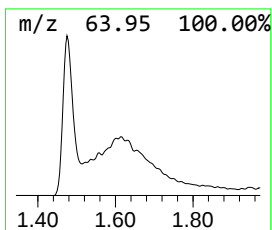
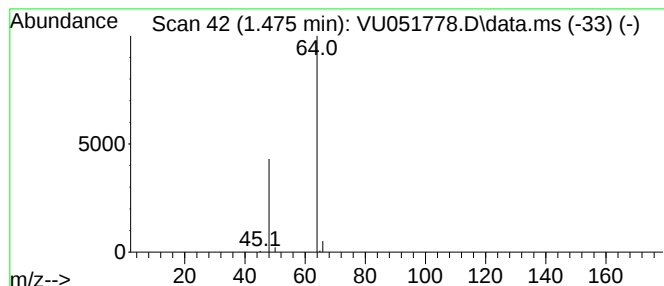
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.475	0.87 ug/L	87278	1,4-Difluorobenzene	6.247

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			Sulfur dioxide	64	O2S	007446-09-5	4



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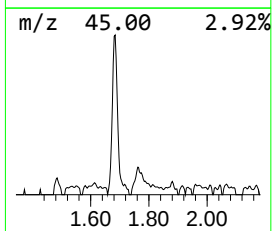
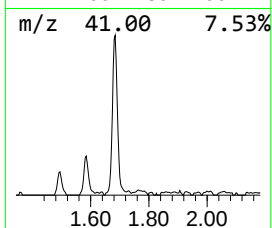
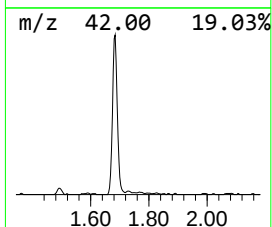
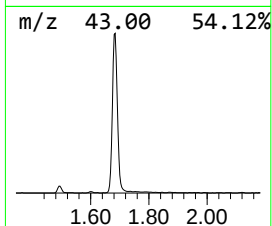
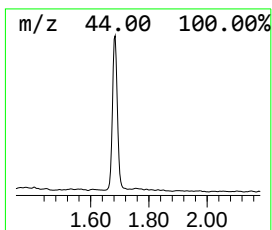
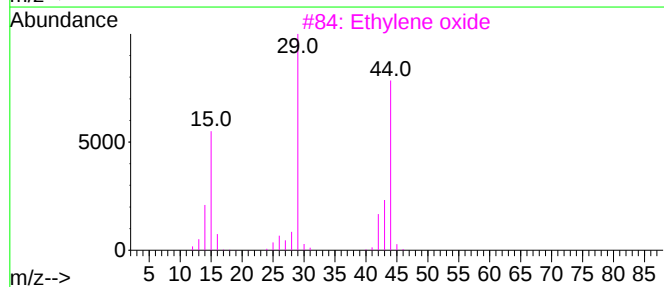
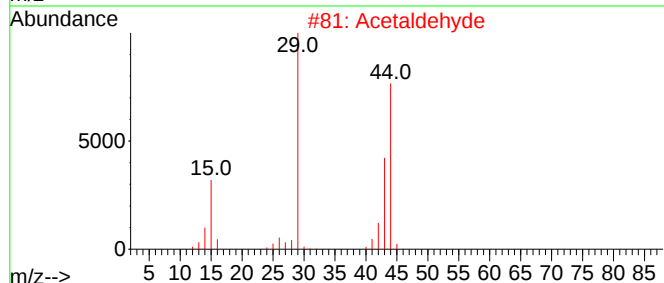
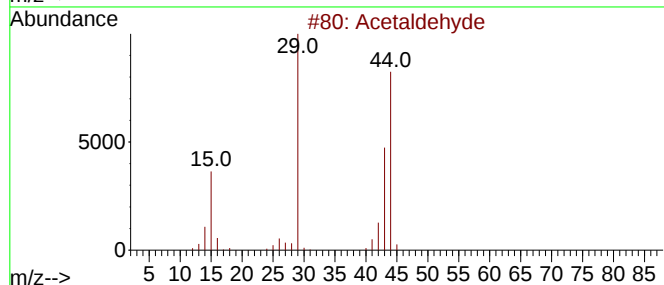
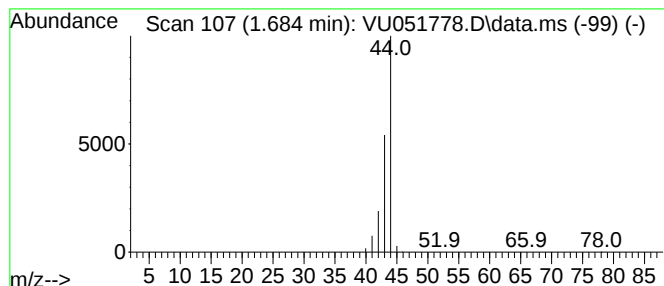
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.684	2.49 ug/L	249848	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	74
2			Acetaldehyde	44	C2H4O	000075-07-0	74
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.475	0.9	ug/L	87278	1	6.247	500976	5.0
Acetaldehyde	1.684	2.5	ug/L	249848	1	6.247	500976	5.0