

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027367.D
 Acq On : 13 Aug 2022 14:16
 Operator : SY/MD
 Sample : N4115-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D84

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: VV027367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.204	44	51	63	rVB4	14854	27006	3.16%	0.368%
2	1.291	70	78	85	rBV2	281274	418982	49.00%	5.705%
3	1.339	85	93	109	rVB	313161	697985	81.63%	9.504%
4	1.561	157	162	178	rVB	75219	97418	11.39%	1.327%
5	2.027	301	307	320	rVV	28931	42753	5.00%	0.582%
6	2.101	322	330	342	rVB	130491	196587	22.99%	2.677%
7	2.156	342	347	356	rVB2	13175	20473	2.39%	0.279%
8	2.227	360	369	379	rVB	6560	11625	1.36%	0.158%
9	2.288	383	388	399	rVB2	5082	8577	1.00%	0.117%
10	3.683	806	822	834	rBV2	3975	10574	1.24%	0.144%
11	3.870	870	880	912	rBV	122712	383966	44.90%	5.228%
12	4.342	1012	1027	1051	rBV	128009	323017	37.78%	4.399%
13	5.043	1228	1245	1267	rBV3	230593	616262	72.07%	8.392%
14	5.612	1411	1422	1439	rBV	185790	380713	44.52%	5.184%
15	6.066	1546	1563	1579	rBV	157925	331167	38.73%	4.510%
16	6.985	1839	1849	1871	rBV2	53100	113019	13.22%	1.539%
17	7.313	1939	1951	1964	rBV	225471	411431	48.12%	5.602%
18	7.384	1964	1973	2000	rVB	237632	453216	53.00%	6.171%
19	7.622	2039	2047	2065	rBV2	32217	59812	6.99%	0.814%
20	8.085	2180	2191	2228	rBV	438468	855082	100.00%	11.644%
21	8.252	2235	2243	2266	rVB9	12379	30729	3.59%	0.418%
22	8.850	2417	2429	2454	rBV	312142	538078	62.93%	7.327%
23	9.021	2473	2482	2488	rBV5	5432	8985	1.05%	0.122%
24	9.111	2502	2510	2514	rBV	10178	15132	1.77%	0.206%
25	10.214	2840	2853	2869	rBV	144235	235752	27.57%	3.210%
26	10.416	2904	2916	2926	rBV	28139	48580	5.68%	0.662%
27	10.718	2997	3010	3023	rBV3	21291	35816	4.19%	0.488%
28	11.246	3164	3174	3195	rBV	302002	485992	56.84%	6.618%
29	11.622	3280	3291	3314	rVB	291206	467614	54.69%	6.368%
30	12.879	3671	3682	3689	rBV4	10956	17412	2.04%	0.237%

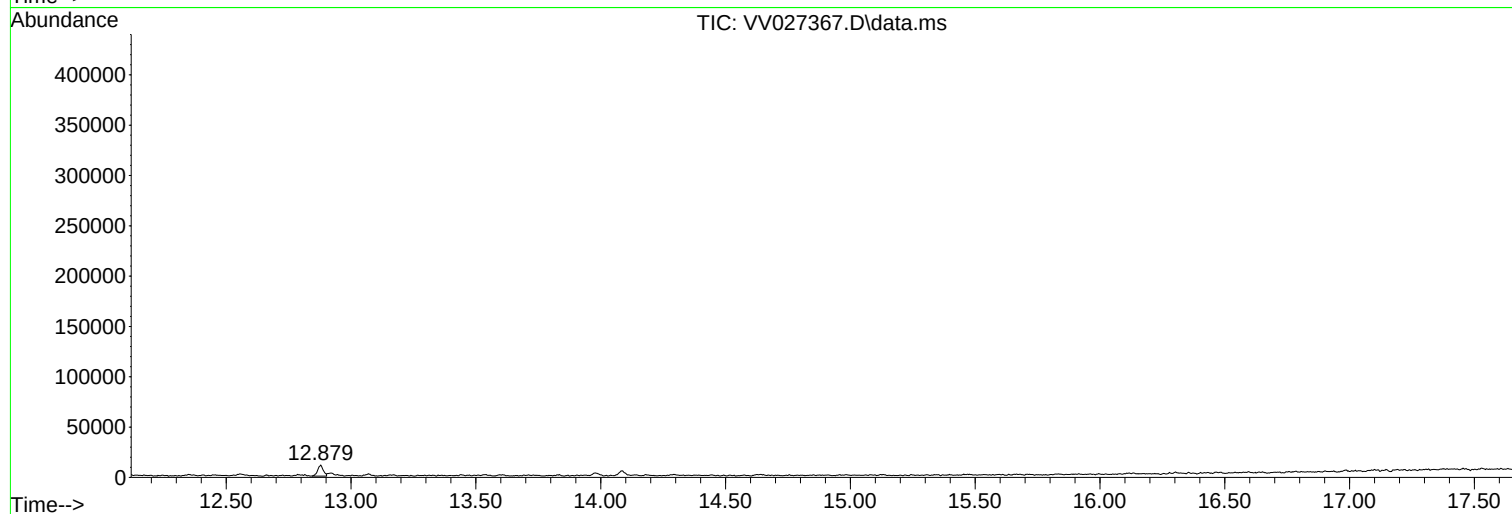
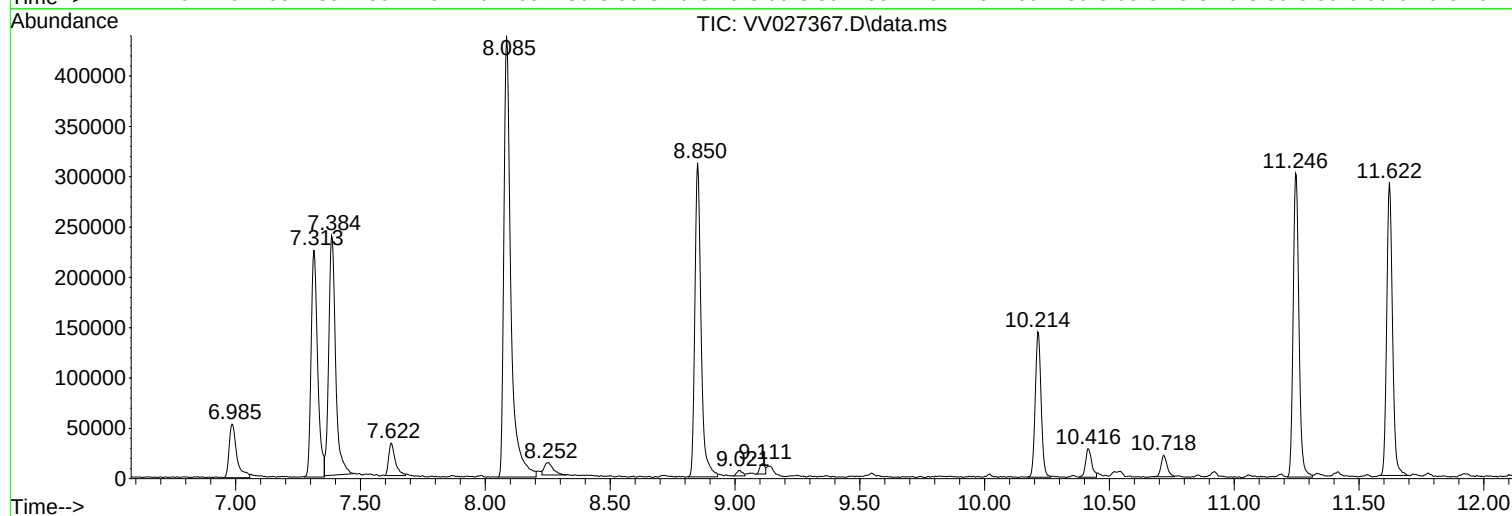
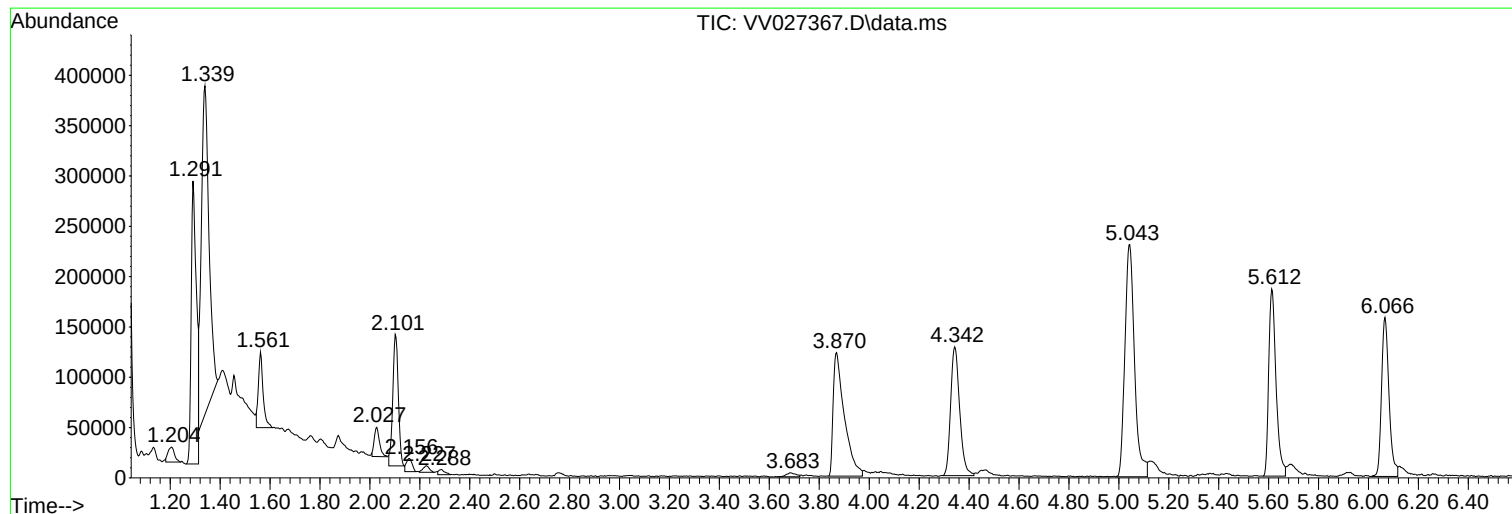
Sum of corrected areas: 7343755

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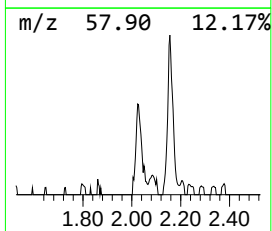
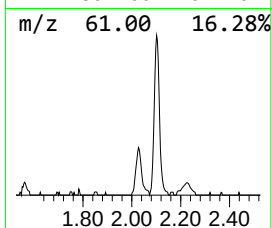
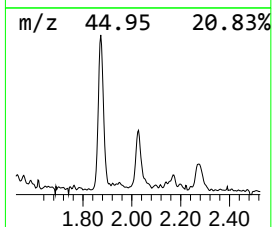
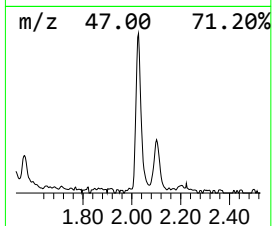
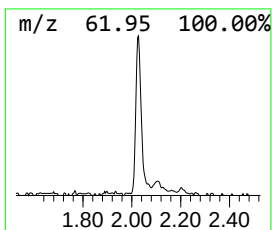
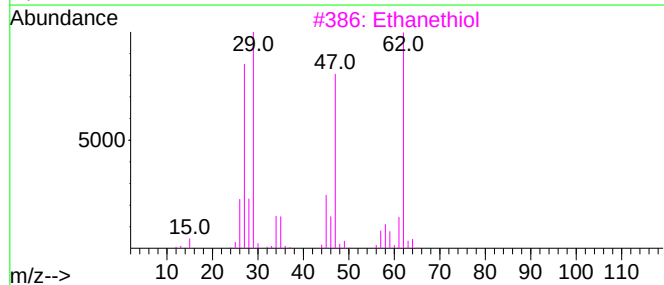
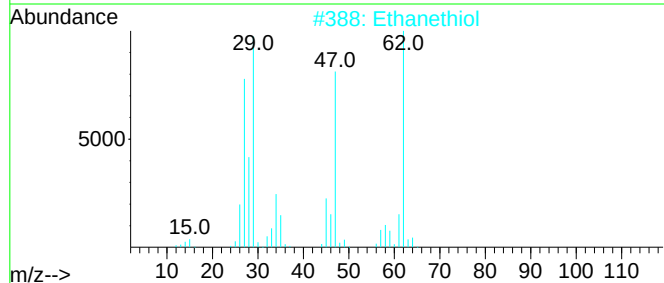
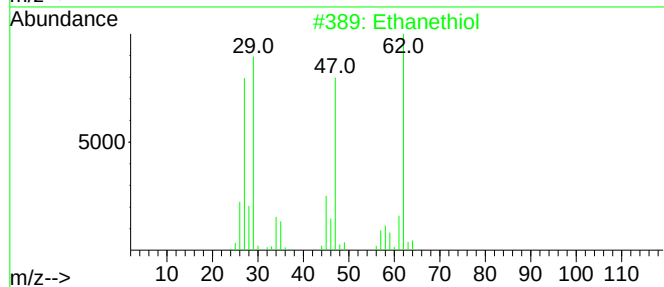
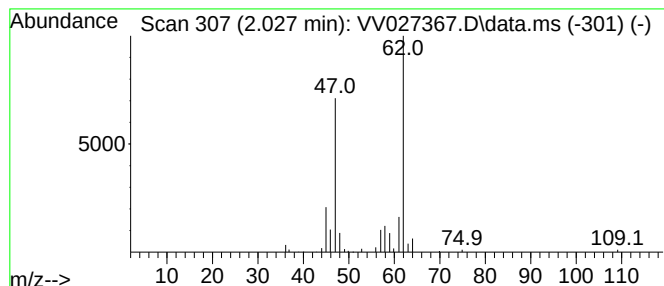
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Ethanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.027	0.56 ug/L	42753	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol			62	C2H6S	000075-08-1	91
2	Ethanethiol			62	C2H6S	000075-08-1	91
3	Ethanethiol			62	C2H6S	000075-08-1	91
4	Ethanethiol			62	C2H6S	000075-08-1	91
5	Ethanethiol			62	C2H6S	000075-08-1	86



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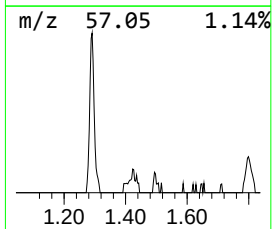
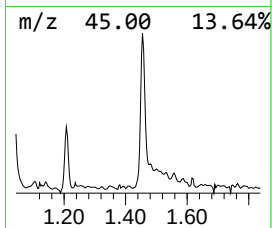
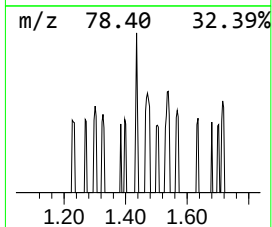
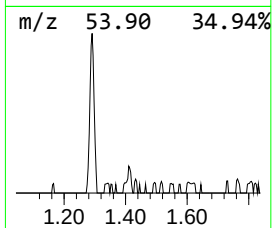
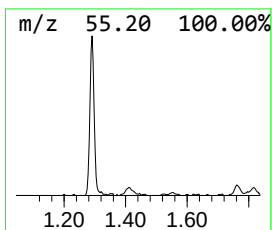
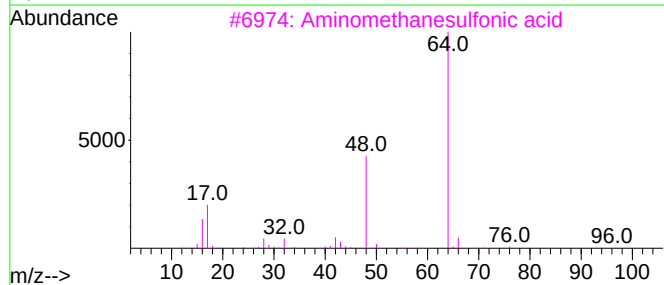
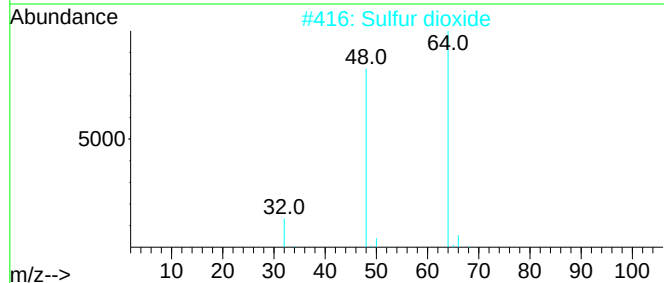
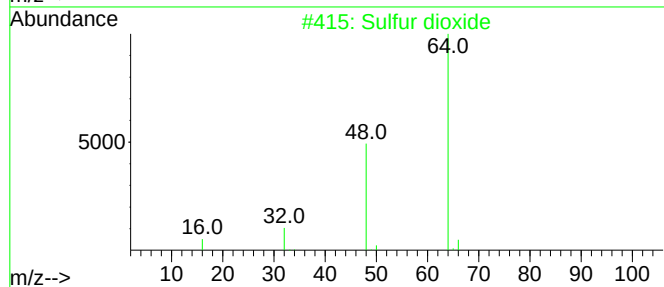
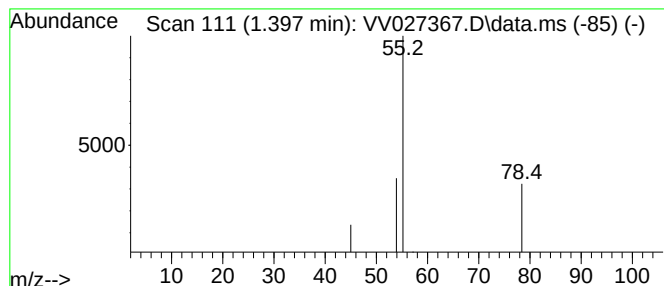
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.339	9.17 ug/L	697985	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanethiol	2.027	0.6	ug/L	42753	1	5.612	380713	5.0
Sulfur dioxide	1.339	9.2	ug/L	697985	1	5.612	380713	5.0