

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
 Data File : VV029818.D
 Acq On : 13 Jan 2023 19:05
 Operator : SY/MD
 Sample : 01138-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y1

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\SFAMVTR011223WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV029818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	33	rVB2	148676	223252	7.03%	1.356%
2	1.310	76	84	92	rBV	1031018	1046827	32.96%	6.357%
3	1.368	92	102	123	rVV	59847	271760	8.56%	1.650%
4	1.465	126	132	157	rVV	108691	290565	9.15%	1.765%
5	1.564	158	163	183	rVB	89216	132773	4.18%	0.806%
6	2.031	301	308	320	rVV	35926	55639	1.75%	0.338%
7	2.114	323	334	344	rVV	1588724	2338697	73.63%	14.203%
8	2.166	344	350	381	rVB	202611	425277	13.39%	2.583%
9	2.429	423	432	447	rBV	32106	57597	1.81%	0.350%
10	3.182	650	666	690	rBV	507362	1059597	33.36%	6.435%
11	3.674	803	819	850	rBV	131415	358891	11.30%	2.180%
12	3.899	872	889	971	rBV3	1109625	3176496	100.00%	19.290%
13	4.339	1010	1026	1056	rBV	102842	267753	8.43%	1.626%
14	5.040	1226	1244	1264	rBV3	226020	579500	18.24%	3.519%
15	5.609	1409	1421	1457	rBV	163583	347340	10.93%	2.109%
16	5.905	1498	1513	1550	rBV	1297356	2551600	80.33%	15.496%
17	6.063	1550	1562	1582	rVV	134247	284962	8.97%	1.731%
18	6.178	1584	1598	1627	rVB4	23448	70774	2.23%	0.430%
19	6.979	1833	1847	1872	rBV2	60293	113973	3.59%	0.692%
20	7.307	1937	1949	1968	rBV	269109	486102	15.30%	2.952%
21	7.616	2035	2045	2065	rBV2	34866	63370	1.99%	0.385%
22	8.085	2180	2191	2224	rBV	330117	641071	20.18%	3.893%
23	8.844	2416	2427	2455	rBV	267224	443571	13.96%	2.694%
24	10.204	2840	2850	2873	rVB	125068	198925	6.26%	1.208%
25	11.236	3156	3171	3188	rBV	307008	487299	15.34%	2.959%
26	11.612	3277	3288	3312	rVB	288325	460650	14.50%	2.797%
27	12.345	3507	3516	3529	rBV2	21842	32393	1.02%	0.197%

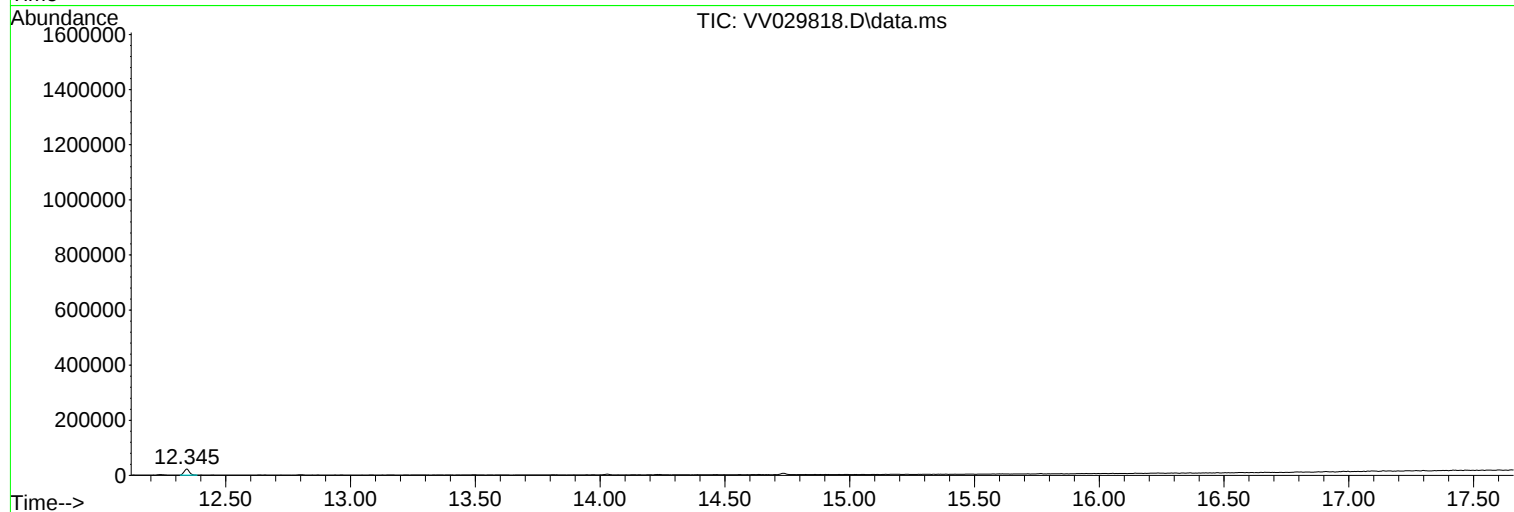
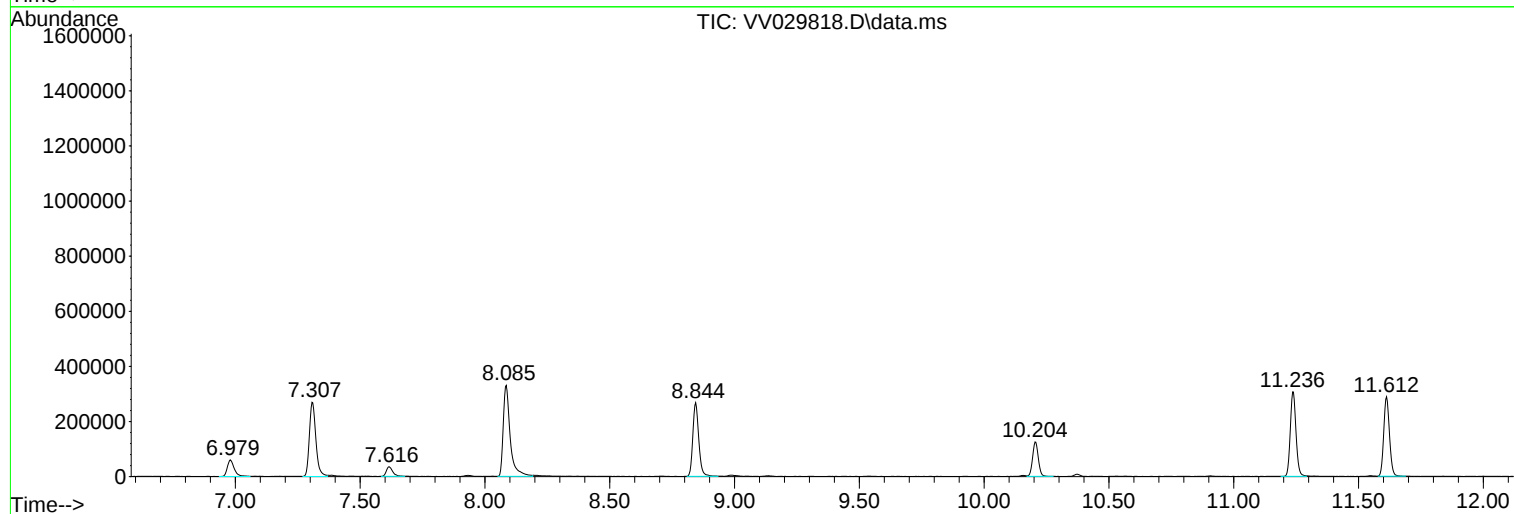
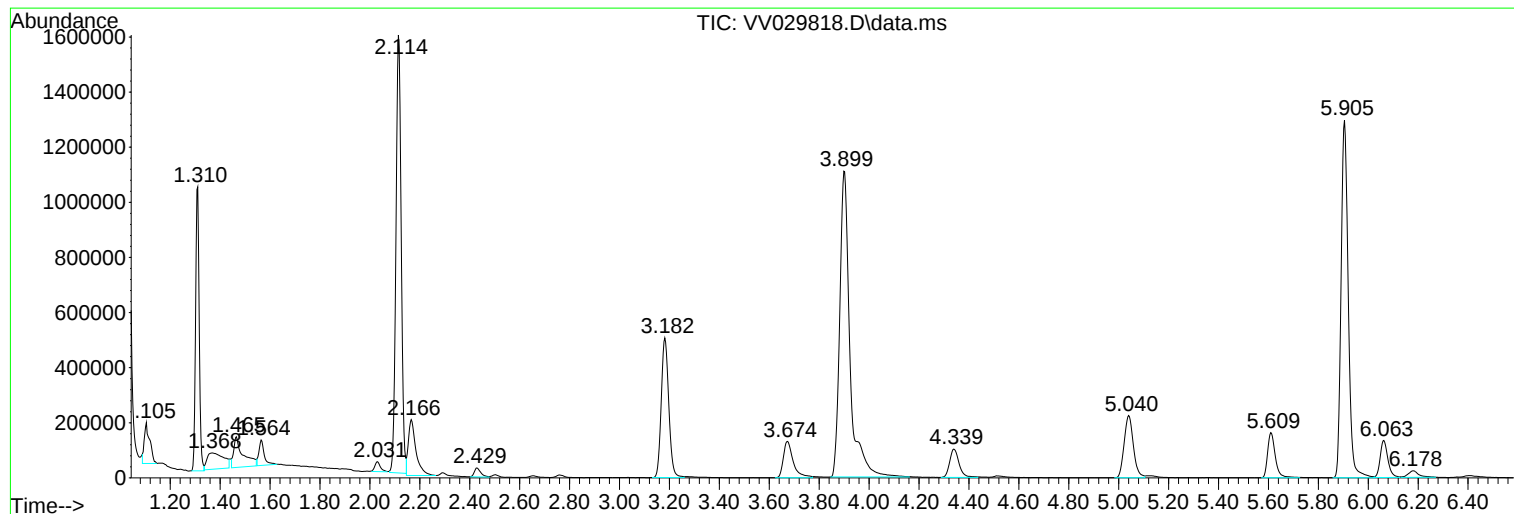
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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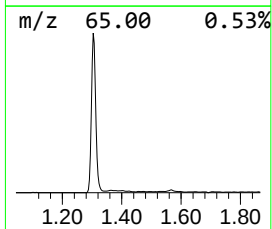
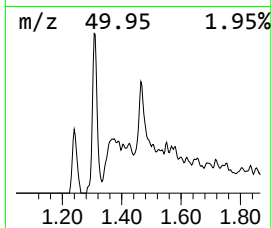
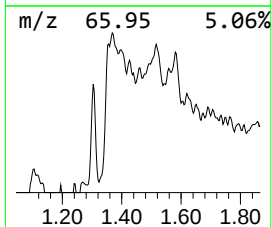
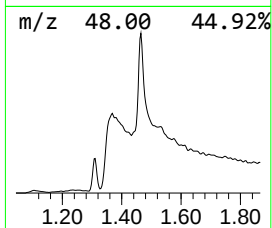
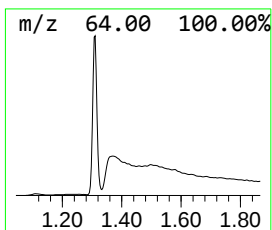
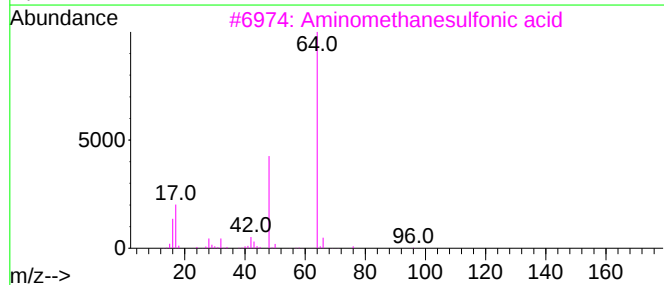
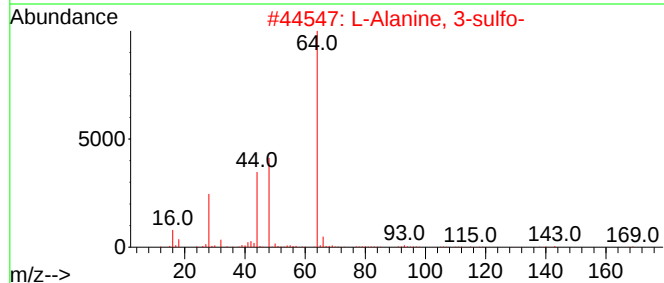
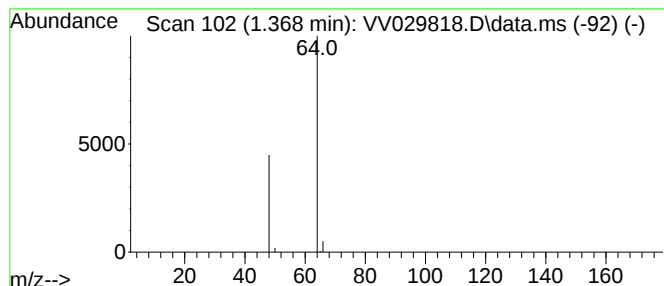
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.368	3.91 ug/L	271760	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Sulfur dioxide	64	O2S	007446-09-5	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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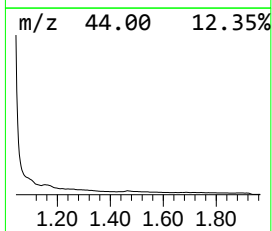
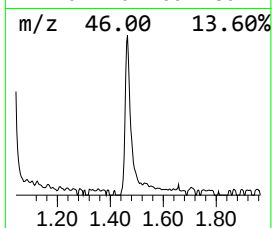
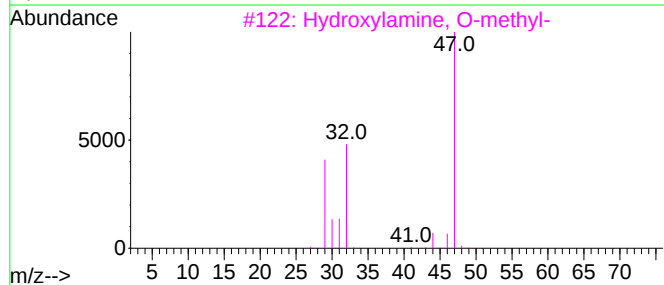
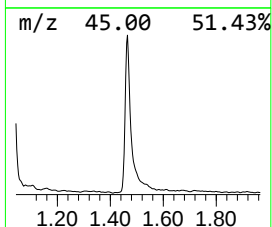
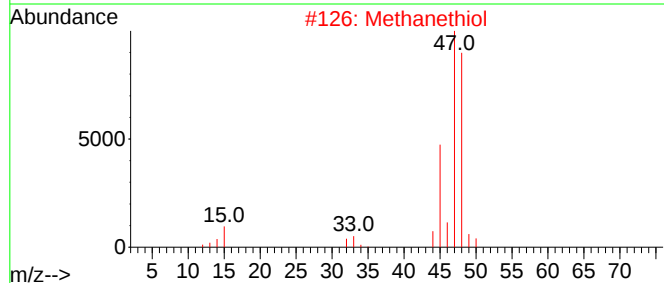
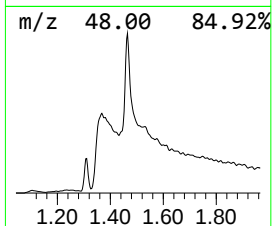
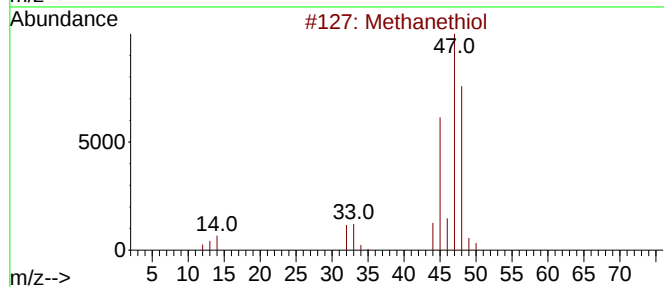
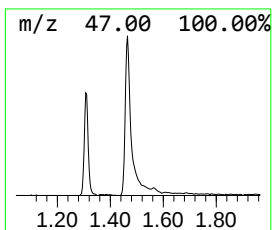
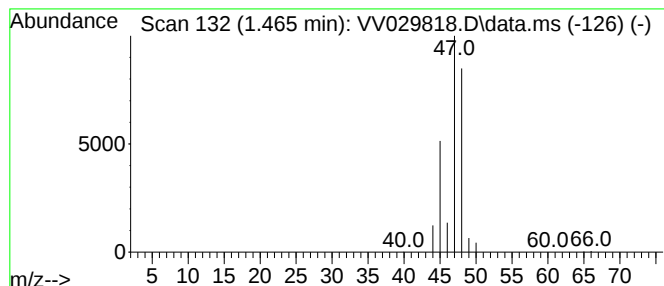
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.465	4.18 ug/L	290565	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	91
2			Methanethiol	48	CH4S	000074-93-1	90
3			Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4			Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	4
5			Ethanol	46	C2H6O	000064-17-5	4



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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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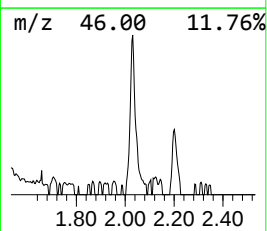
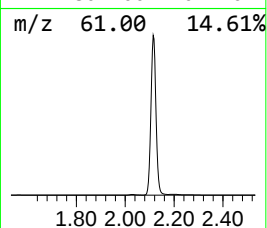
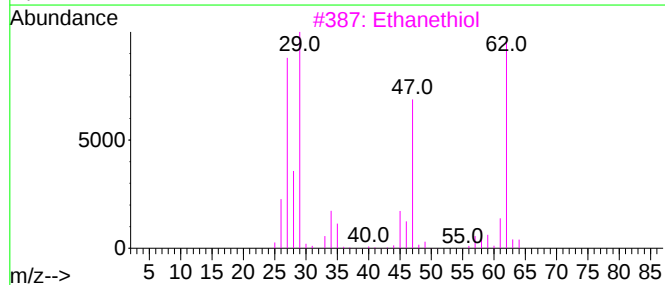
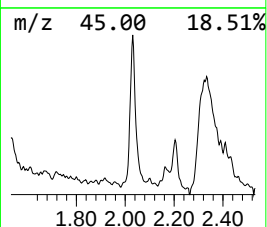
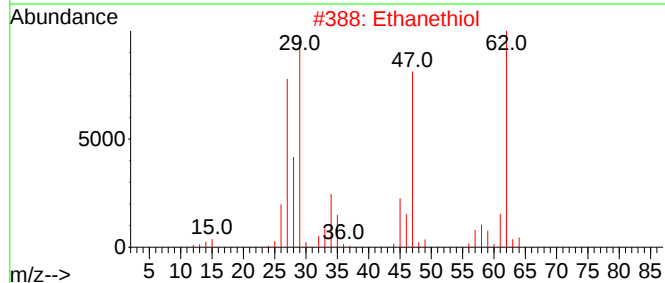
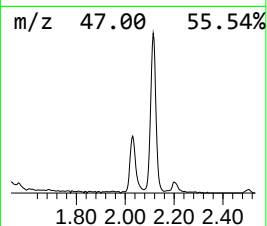
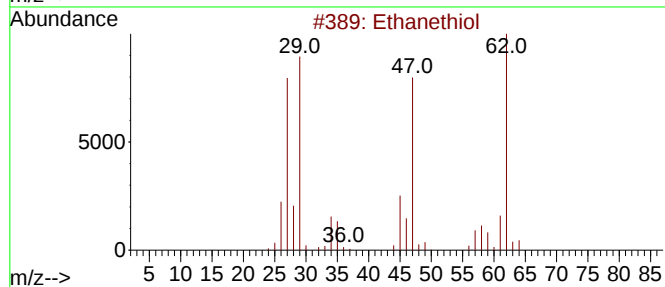
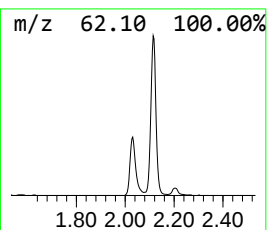
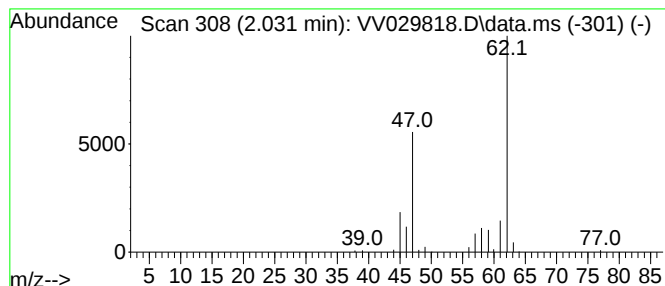
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Ethanethiol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.031	0.80 ug/L	55639	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol			62	C2H6S	000075-08-1	91
2	Ethanethiol			62	C2H6S	000075-08-1	83
3	Ethanethiol			62	C2H6S	000075-08-1	83
4	Ethanethiol			62	C2H6S	000075-08-1	83
5	Ethanethiol			62	C2H6S	000075-08-1	83



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ClientSampleId :
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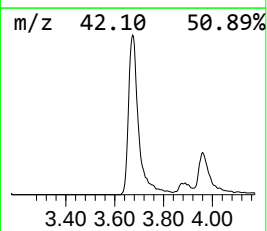
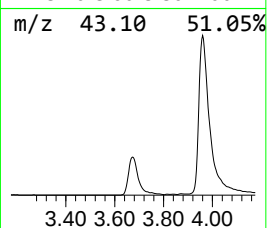
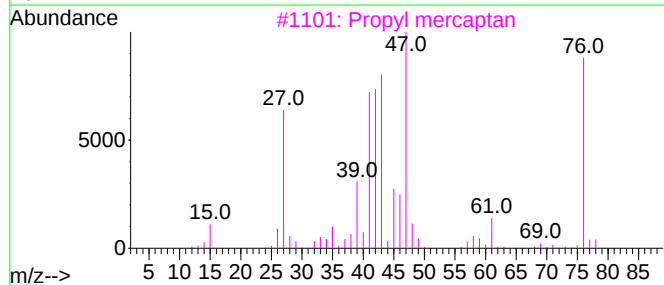
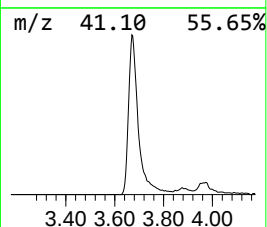
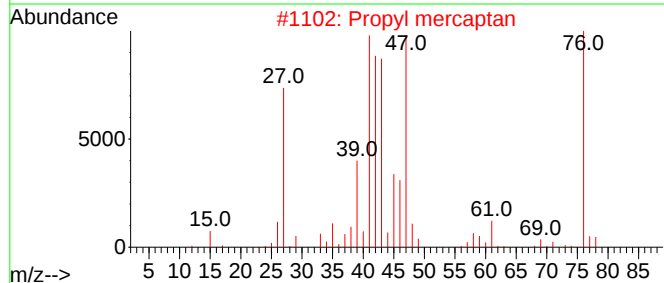
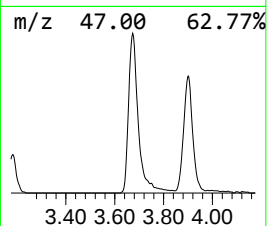
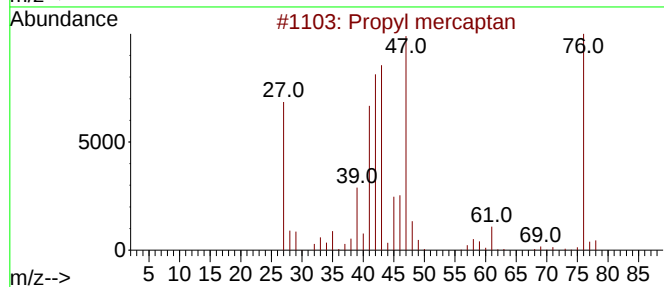
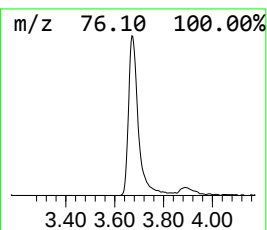
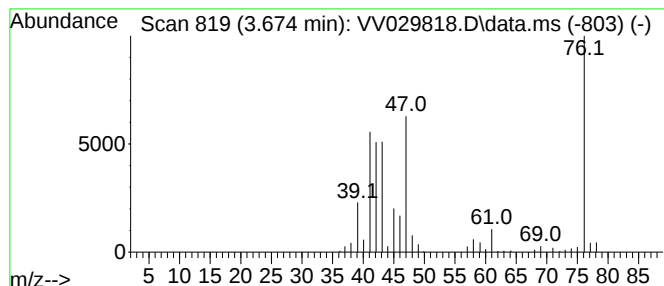
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Propyl mercaptan Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.674	5.17 ug/L	358891	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan			76	C3H8S	000107-03-9	91
2	Propyl mercaptan			76	C3H8S	000107-03-9	91
3	Propyl mercaptan			76	C3H8S	000107-03-9	91
4	Propyl mercaptan			76	C3H8S	000107-03-9	91
5	Propyl mercaptan			76	C3H8S	000107-03-9	91



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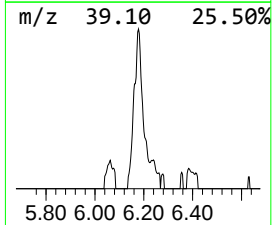
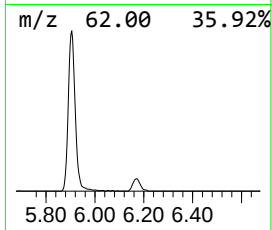
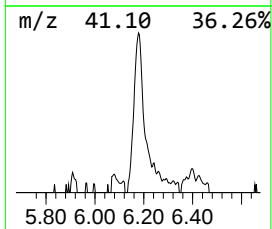
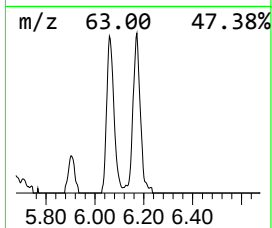
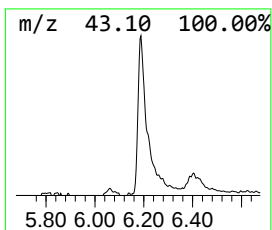
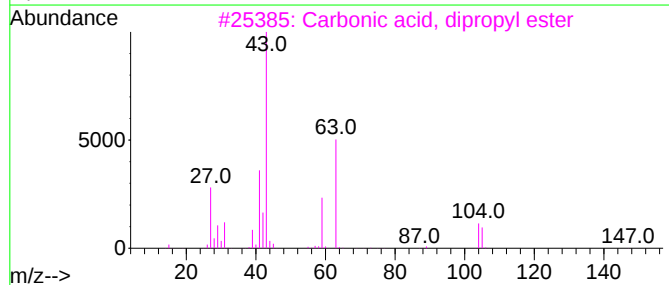
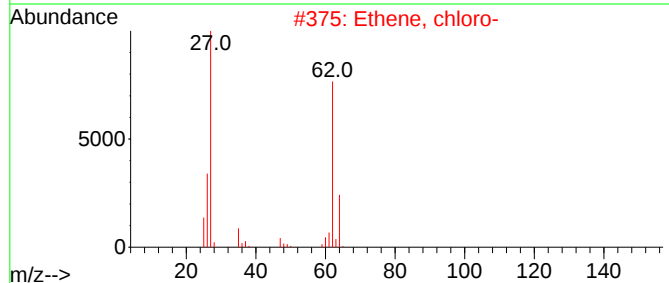
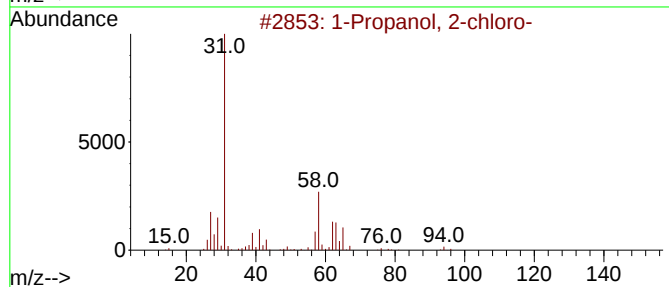
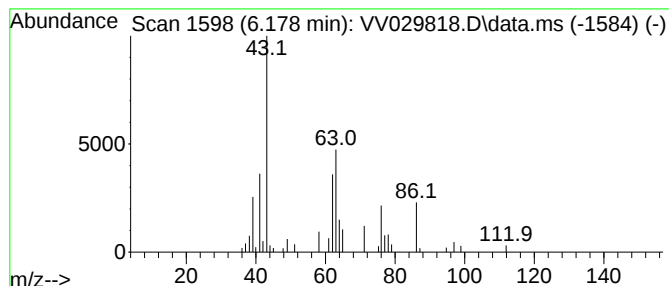
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.178	1.02 ug/L	70774	1,4-Difluorobenzene	5.609

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propanol, 2-chloro-	94	C3H7ClO	000078-89-7	39
2		Ethene, chloro-	62	C2H3Cl	000075-01-4	9
3		Carbonic acid, dipropyl ester	146	C7H14O3	000623-96-1	9
4		Etiron	104	C3H8N2S	002986-20-1	7
5		Ethanethiol	62	C2H6S	000075-08-1	4



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.368	3.9	ug/L	271760	1	5.609	347340	5.0
Methanethiol	1.465	4.2	ug/L	290565	1	5.609	347340	5.0
Ethanethiol	2.031	0.8	ug/L	55639	1	5.609	347340	5.0
Propyl mercaptan	3.674	5.2	ug/L	358891	1	5.609	347340	5.0
unknown-01	6.178	1.0	ug/L	70774	1	5.609	347340	5.0