

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050122.D
 Acq On : 06 Aug 2022 02:32
 Operator : SY/MD
 Sample : N4070-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJK0

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\SFAMUTR080422WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU050122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.488	32	46	71	rBV	42087	157686	39.15%	4.895%
2	1.597	74	80	90	rVV	40348	50056	12.43%	1.554%
3	1.729	115	121	132	rVB	46648	57580	14.30%	1.787%
4	1.909	170	177	187	rVB	33831	43714	10.85%	1.357%
5	2.565	365	381	392	rBV	57267	95617	23.74%	2.968%
6	2.626	392	400	408	rVV	10955	17356	4.31%	0.539%
7	2.681	408	417	432	rVV	19643	33093	8.22%	1.027%
8	2.758	432	441	445	rVV	6536	10673	2.65%	0.331%
9	2.790	446	451	469	rVB	7494	13121	3.26%	0.407%
10	3.182	561	573	587	rVB	4891	10528	2.61%	0.327%
11	3.925	773	804	821	rBV	5248	25882	6.43%	0.803%
12	4.623	1006	1021	1026	rBV	68791	138808	34.46%	4.309%
13	4.665	1029	1034	1063	rVV	92963	198224	49.21%	6.153%
14	4.803	1067	1077	1105	rVB2	19342	44585	11.07%	1.384%
15	5.063	1140	1158	1177	rBV2	64129	139600	34.66%	4.333%
16	5.726	1342	1364	1384	rBV3	125494	326359	81.02%	10.130%
17	6.250	1513	1527	1548	rBV	91114	167980	41.70%	5.214%
18	6.542	1607	1618	1633	rVB	28539	52913	13.14%	1.642%
19	6.690	1651	1664	1682	rBV	83165	161634	40.13%	5.017%
20	7.565	1925	1936	1954	rBV	35550	61112	15.17%	1.897%
21	7.681	1961	1972	1983	rBV3	5373	9533	2.37%	0.296%
22	7.899	2026	2040	2055	rBV	136966	239042	59.35%	7.420%
23	8.179	2117	2127	2141	rBV	22260	35873	8.91%	1.114%
24	8.632	2256	2268	2304	rBV3	197961	402797	100.00%	12.503%
25	8.787	2308	2316	2333	rVB3	10725	20711	5.14%	0.643%
26	9.417	2500	2512	2528	rBV	130386	213316	52.96%	6.621%
27	10.754	2917	2928	2945	rVB	71765	116001	28.80%	3.601%
28	11.812	3245	3257	3275	rBV	107011	171505	42.58%	5.324%
29	12.192	3358	3375	3391	rBV	124728	206341	51.23%	6.405%

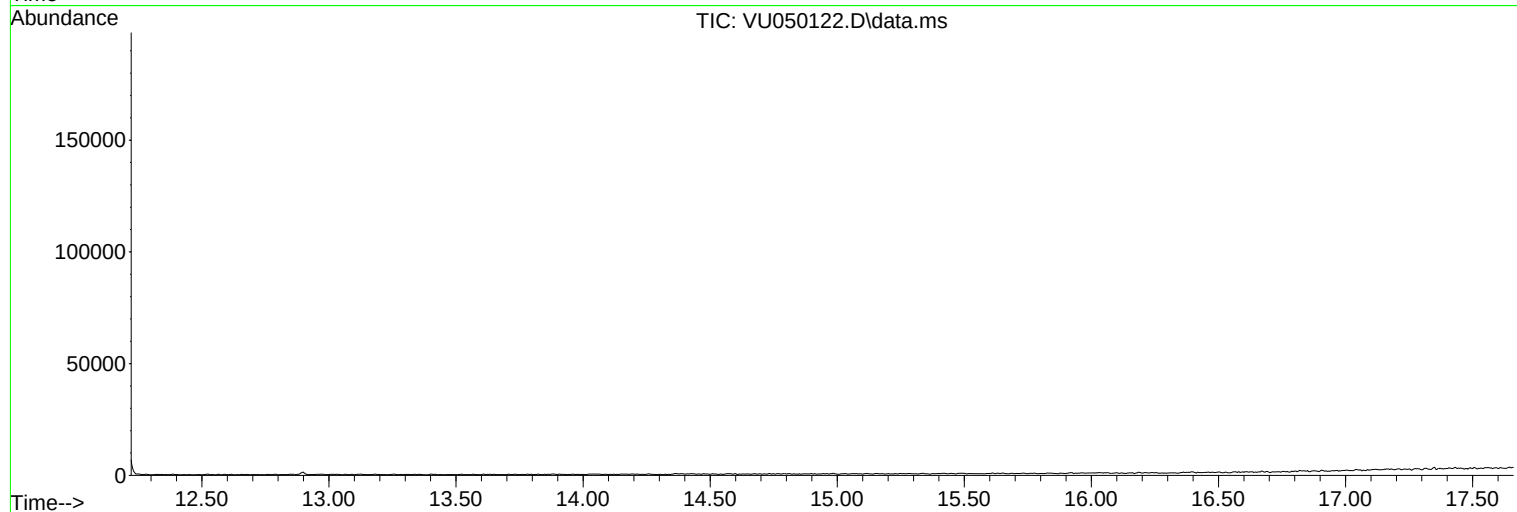
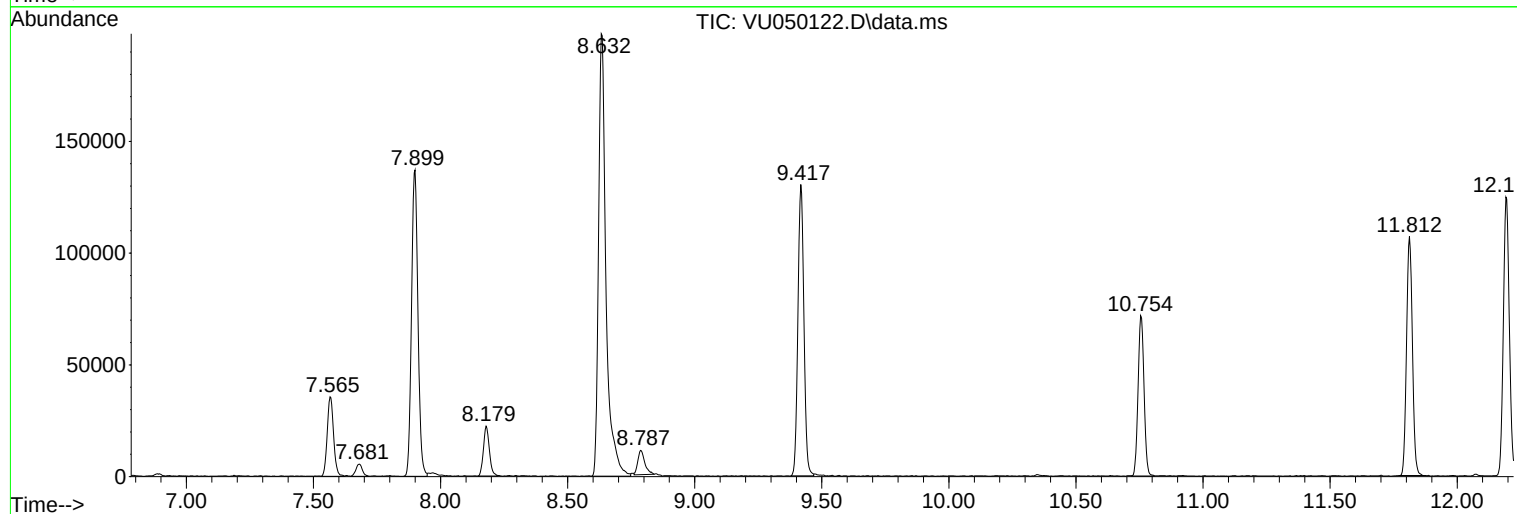
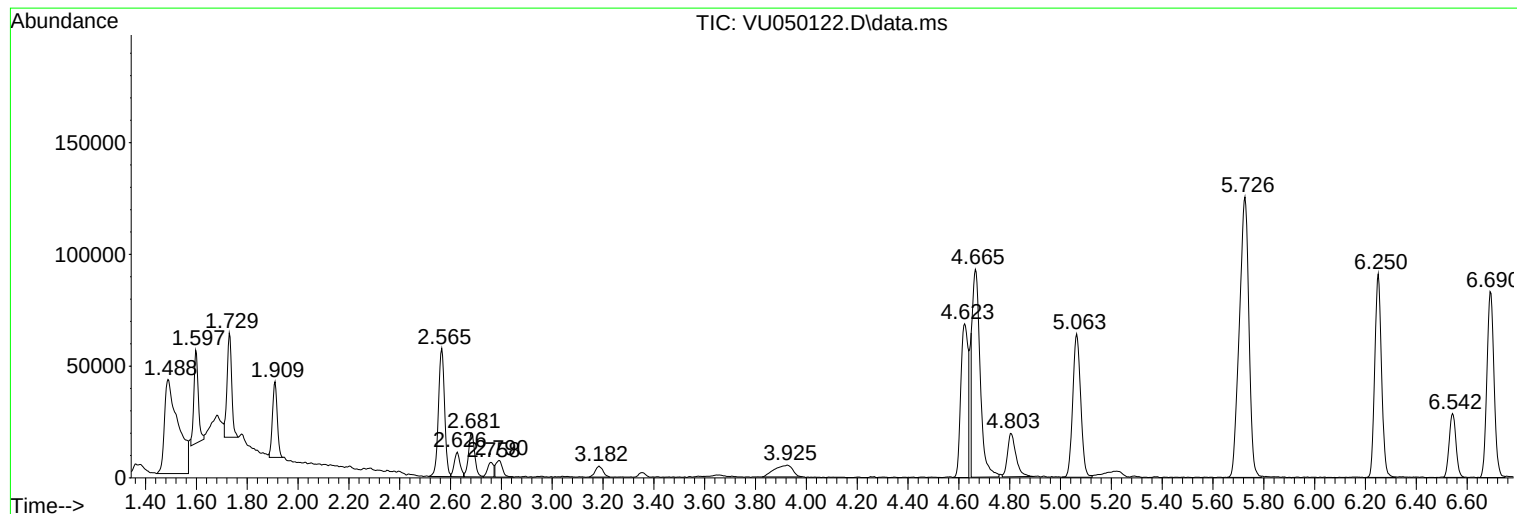
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBJK0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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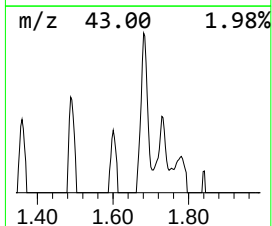
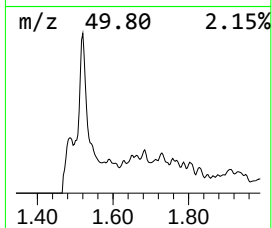
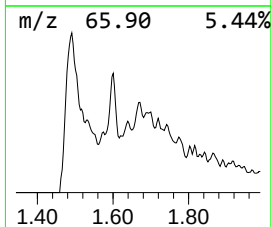
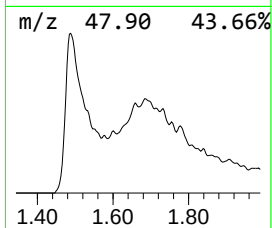
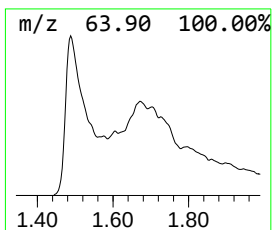
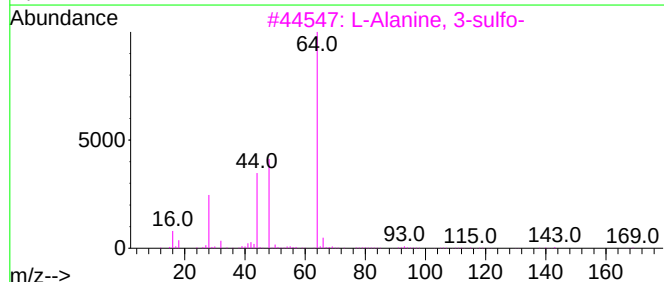
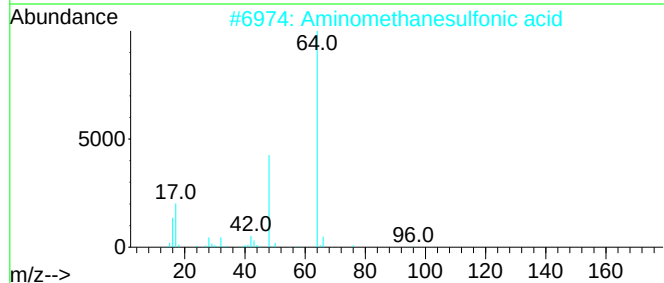
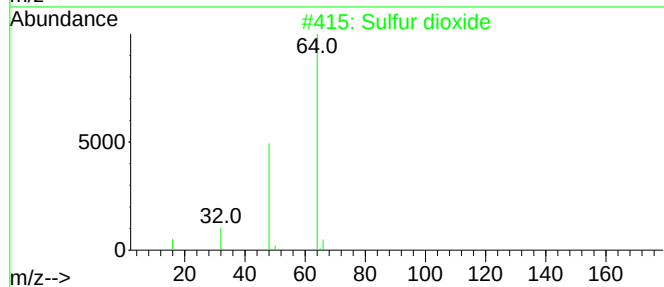
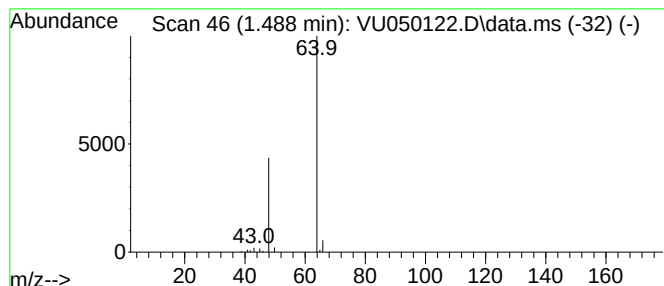
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.488	4.69 ug/L	157686	1,4-Difluorobenzene	6.250

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	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Sulfur dioxide	64	O2S	007446-09-5	5
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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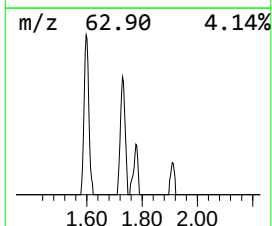
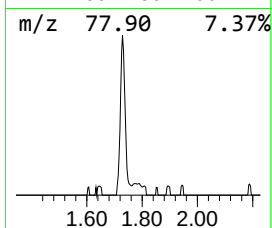
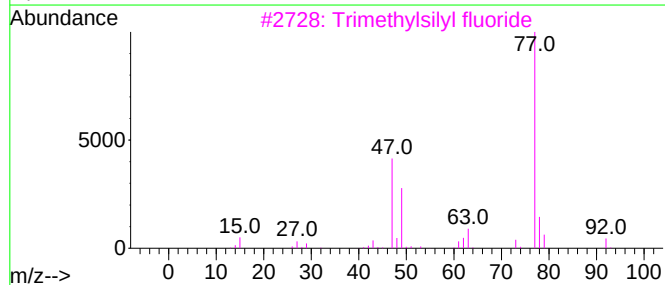
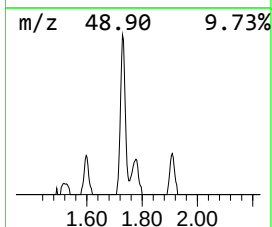
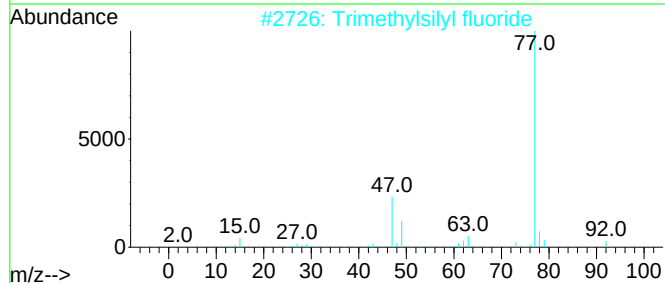
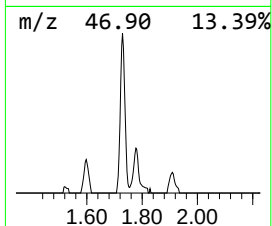
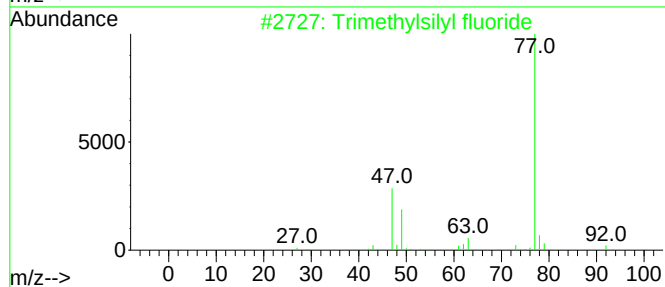
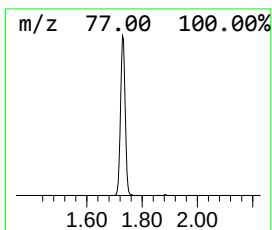
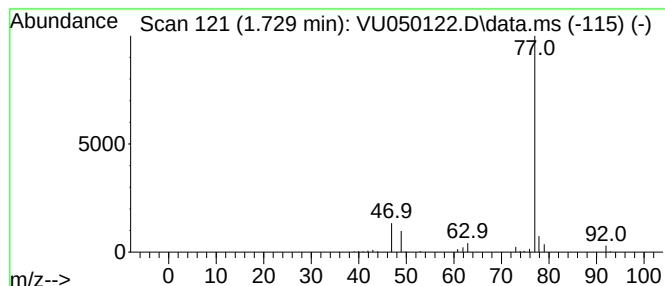
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Trimethylsilyl fluoride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.729	1.71 ug/L	57580	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	90
2			Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	49
3			Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	47
4			Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9
5			Trimethylphosphine oxide	92	C3H9OP	000676-96-0	4



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ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId :
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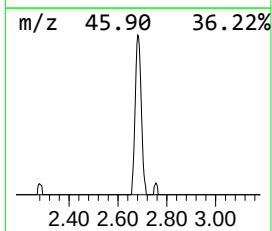
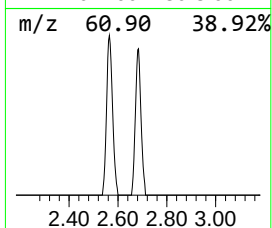
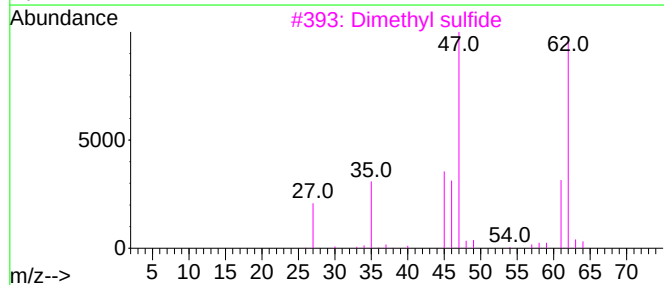
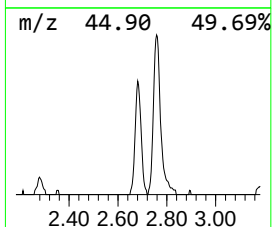
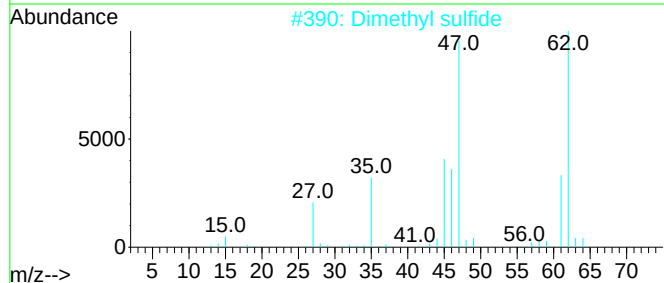
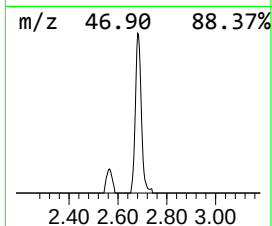
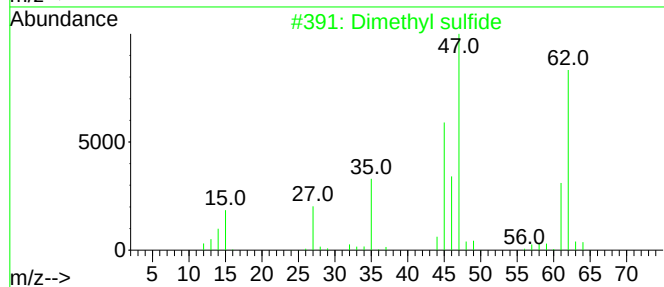
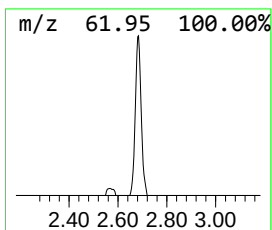
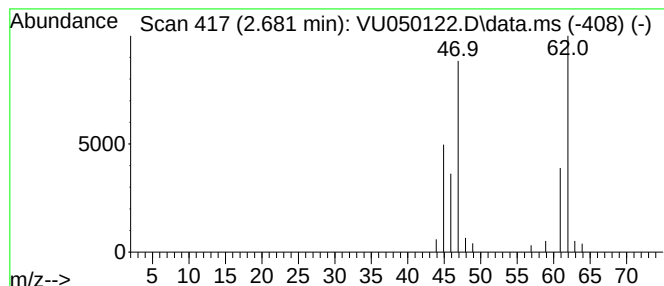
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Dimethyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.681	0.99 ug/L	33093	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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Instrument :
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ClientSampleId :
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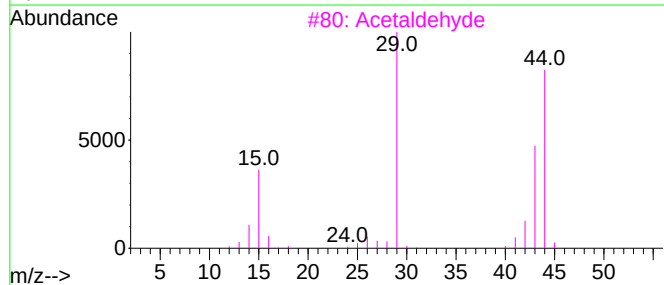
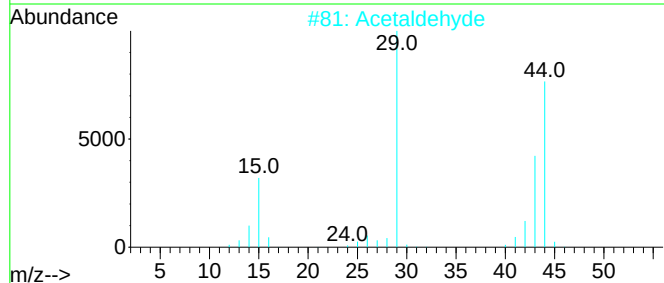
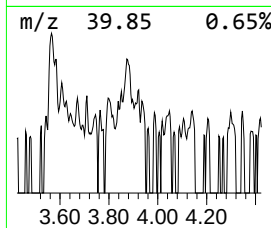
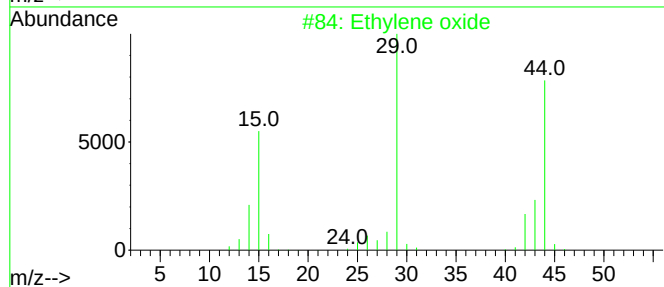
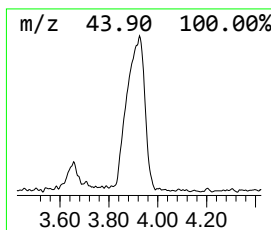
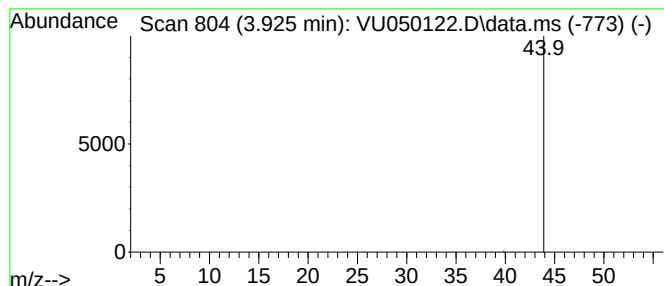
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.925	0.77 ug/L	25882	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylene oxide	44	C2H4O	000075-21-8	2
2			Acetaldehyde	44	C2H4O	000075-07-0	2
3			Acetaldehyde	44	C2H4O	000075-07-0	2
4			Acetonitrile-d3	44	C2D3N	002206-26-0	2
5			Acetonitrile-d3	44	C2D3N	002206-26-0	2



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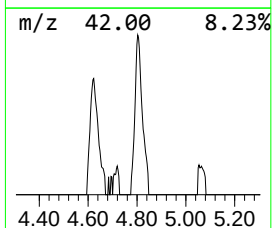
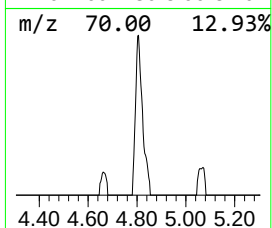
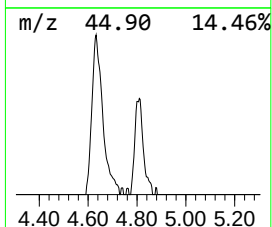
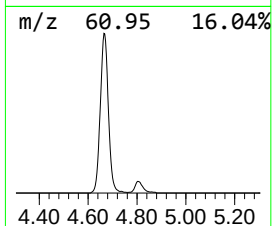
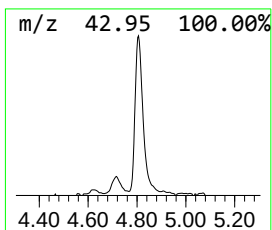
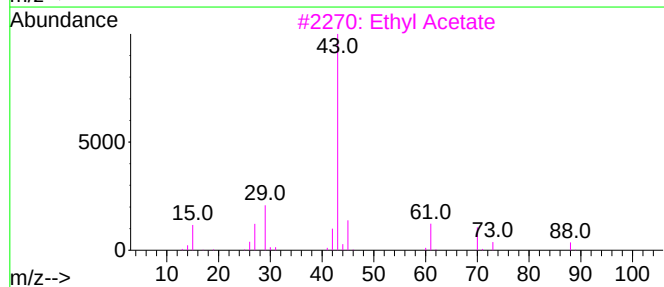
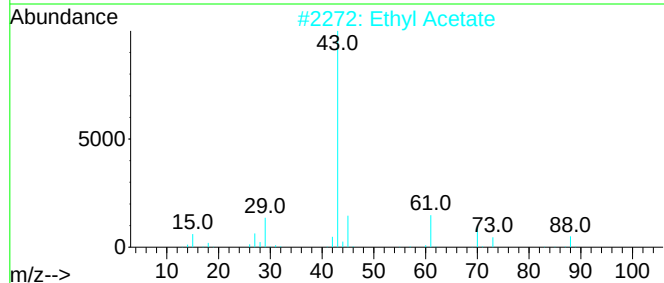
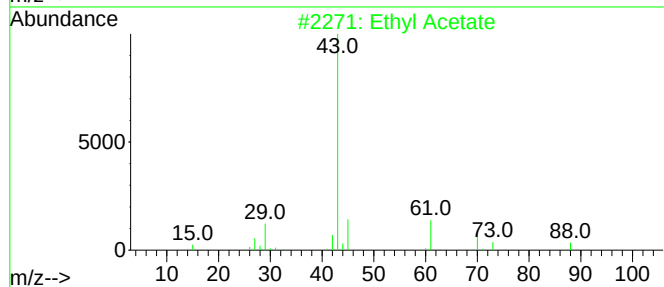
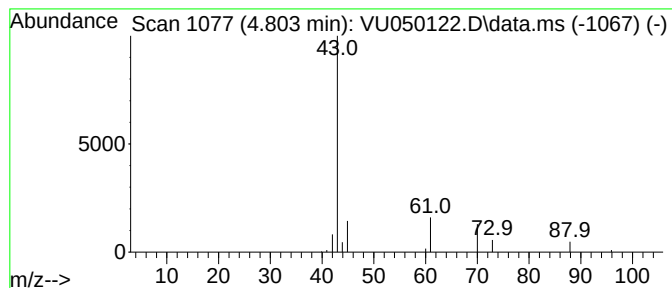
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.803	1.33 ug/L	44585	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Acetate	88	C4H8O2	000141-78-6	90
2			Ethyl Acetate	88	C4H8O2	000141-78-6	90
3			Ethyl Acetate	88	C4H8O2	000141-78-6	90
4			Ethyl Acetate	88	C4H8O2	000141-78-6	83
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	64



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
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	1.488	4.7	ug/L	157686	1	6.250	167980	5.0
Trimethylsilyl ...	1.729	1.7	ug/L	57580	1	6.250	167980	5.0
Dimethyl sulfide	2.681	1.0	ug/L	33093	1	6.250	167980	5.0
unknown-01	3.925	0.8	ug/L	25882	1	6.250	167980	5.0
Ethyl Acetate	4.803	1.3	ug/L	44585	1	6.250	167980	5.0