

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051672.D
 Acq On : 01 Nov 2022 23:36
 Operator : JC/MD
 Sample : N5319-08DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1DL

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: VU051672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.472	32	41	53	rBV	41289	82340	2.30%	0.503%
2	1.597	73	80	91	rBV	109778	122884	3.43%	0.751%
3	1.909	169	177	197	rBV	88422	135886	3.79%	0.831%
4	2.375	312	322	339	rVB	81738	124667	3.48%	0.762%
5	2.565	365	381	394	rBV	169194	274857	7.67%	1.680%
6	3.183	557	573	593	rBV	26154	59230	1.65%	0.362%
7	3.993	807	825	845	rBV2	53864	139102	3.88%	0.850%
8	4.527	974	991	1008	rBV4	23457	59641	1.66%	0.365%
9	4.620	1008	1020	1060	rVV	136256	381047	10.63%	2.330%
10	5.060	1140	1157	1191	rBV	159616	375442	10.47%	2.295%
11	5.723	1342	1363	1368	rBV2	314744	732430	20.43%	4.478%
12	5.771	1369	1378	1398	rVB	1354817	2756266	76.90%	16.850%
13	6.247	1512	1526	1549	rBV	244099	470630	13.13%	2.877%
14	6.687	1649	1663	1681	rBV	189775	386323	10.78%	2.362%
15	7.565	1923	1936	1951	rBV	85885	149169	4.16%	0.912%
16	7.896	2025	2039	2049	rBV	350641	604241	16.86%	3.694%
17	7.967	2049	2061	2090	rVB	2114685	3584214	100.00%	21.912%
18	8.179	2116	2127	2143	rBV	54544	91022	2.54%	0.556%
19	8.629	2255	2267	2308	rBV	439805	822513	22.95%	5.028%
20	9.417	2498	2512	2518	rBV	362953	669797	18.69%	4.095%
21	9.568	2546	2559	2577	rBV	230667	372790	10.40%	2.279%
22	9.690	2584	2597	2628	rBV	1003037	1619664	45.19%	9.902%
23	10.099	2711	2724	2739	rBV	298195	479791	13.39%	2.933%
24	10.755	2914	2928	2945	rVB	164083	264121	7.37%	1.615%
25	10.902	2959	2974	2989	rBV3	22408	46124	1.29%	0.282%
26	10.996	2990	3003	3022	rVV	43266	95541	2.67%	0.584%
27	11.086	3022	3031	3045	rVB3	25806	43155	1.20%	0.264%
28	11.292	3086	3095	3107	rVB	25322	39212	1.09%	0.240%
29	11.465	3138	3149	3165	rBV	96681	150629	4.20%	0.921%
30	11.809	3243	3256	3273	rBV	353673	594475	16.59%	3.634%
31	11.893	3273	3282	3300	rVB	33620	55757	1.56%	0.341%
32	12.192	3362	3375	3395	rVV	338136	574374	16.03%	3.511%

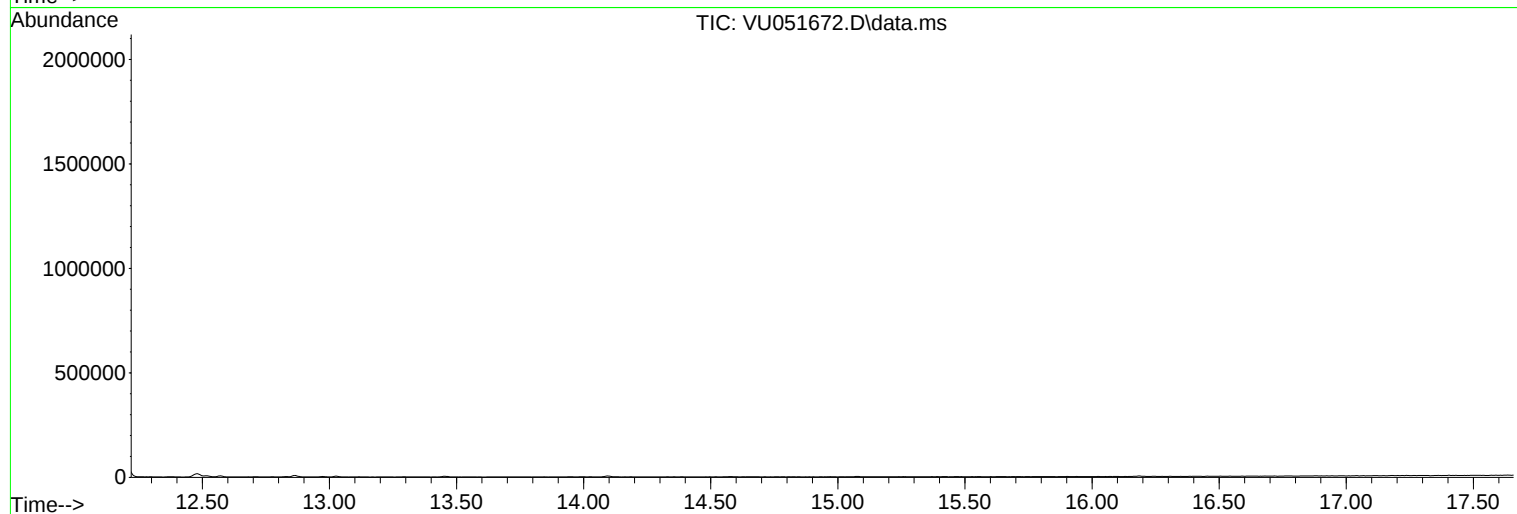
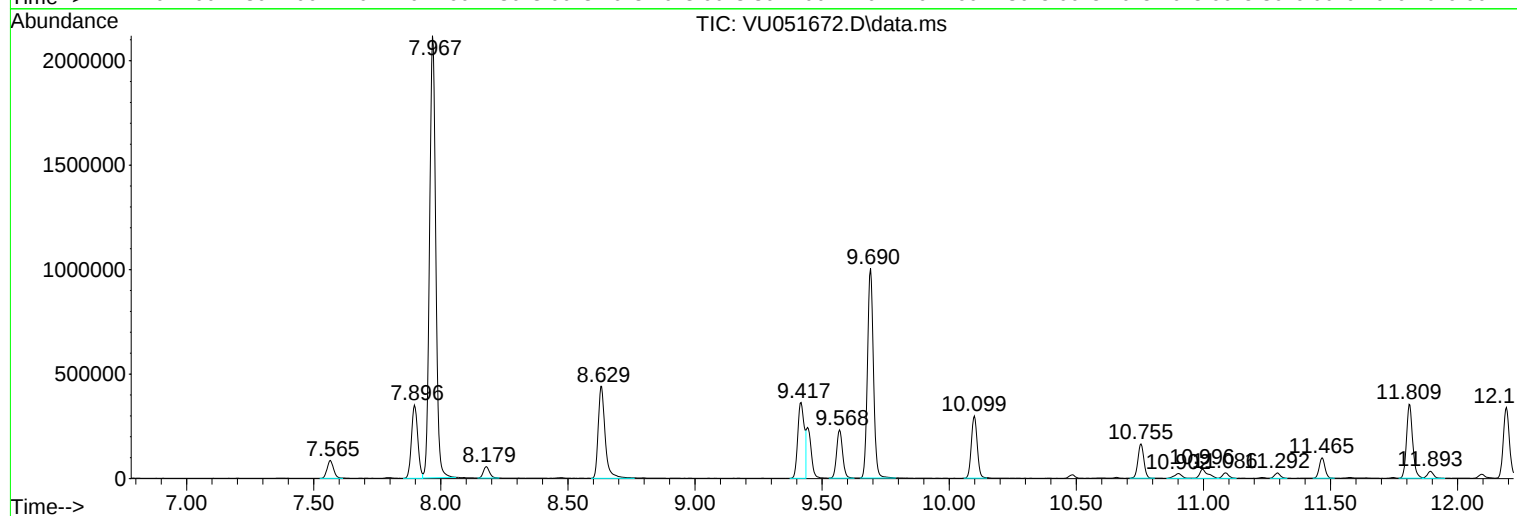
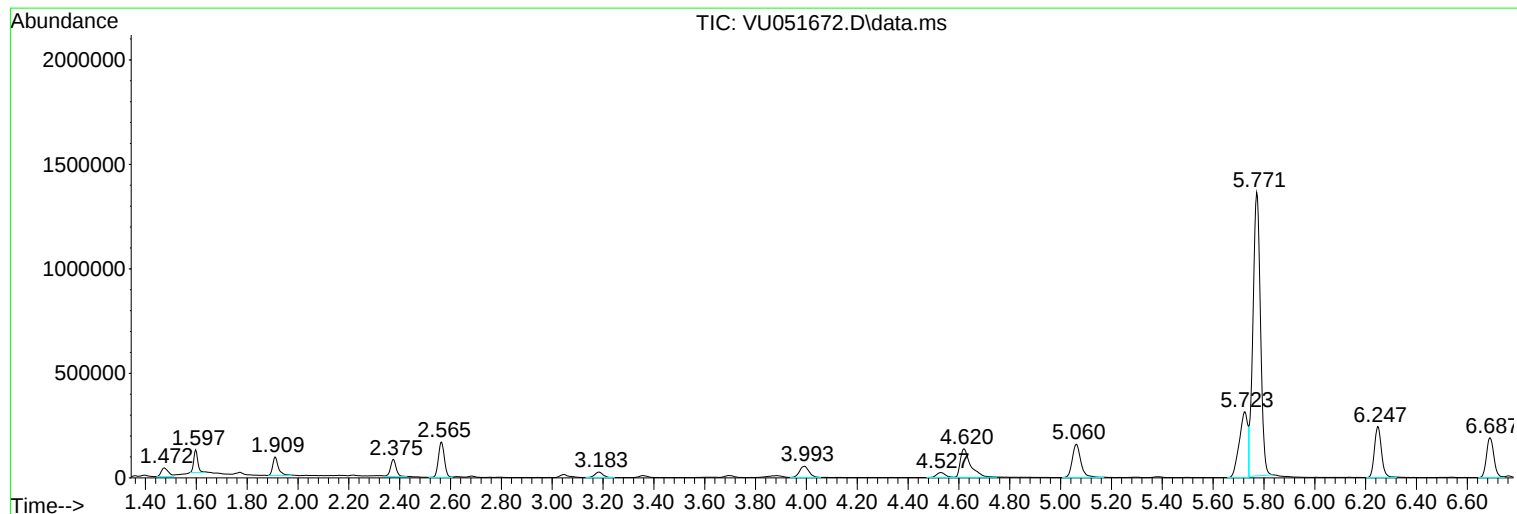
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BHAA1DL

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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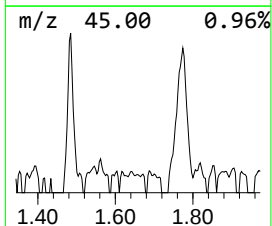
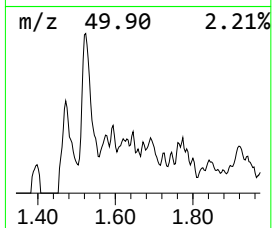
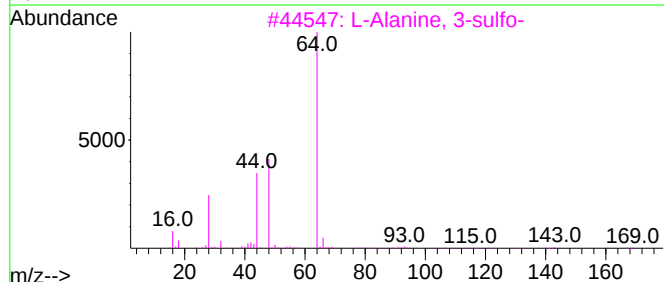
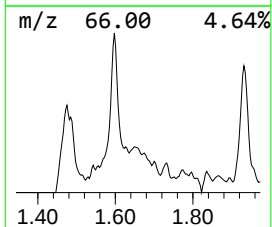
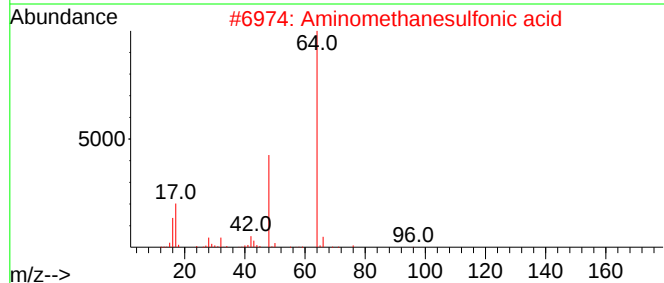
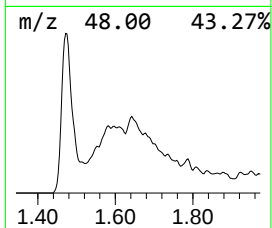
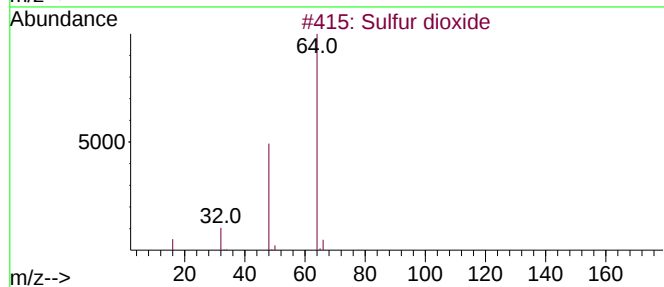
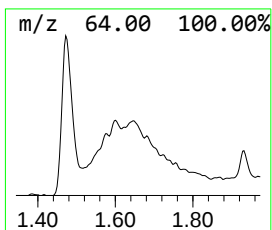
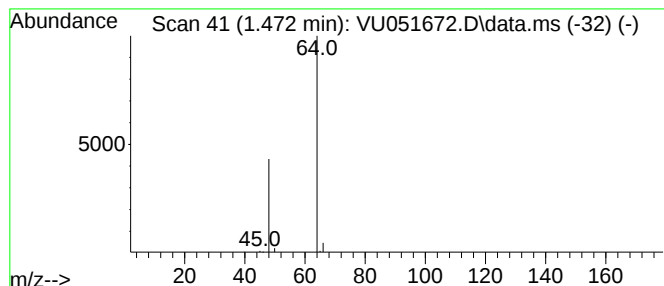
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	0.87 ug/L	82340	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			Sulfur dioxide	64	O2S	007446-09-5	5
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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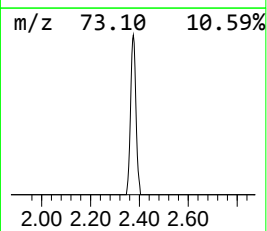
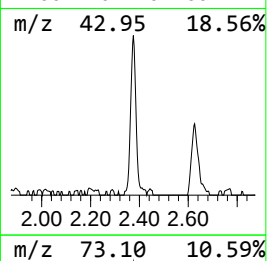
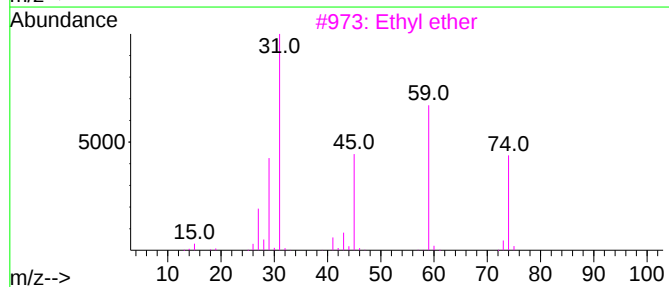
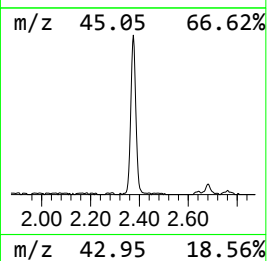
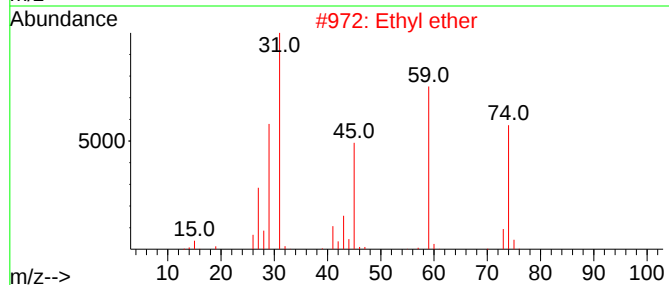
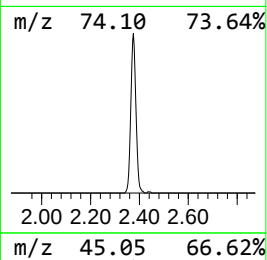
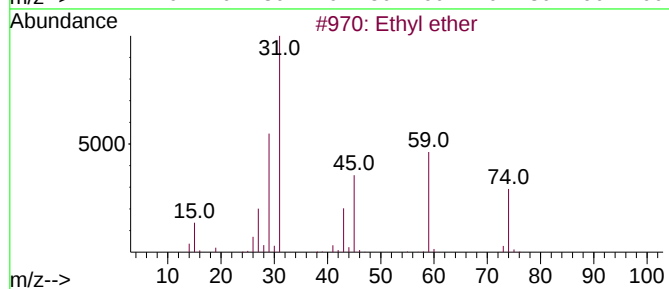
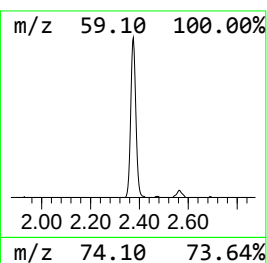
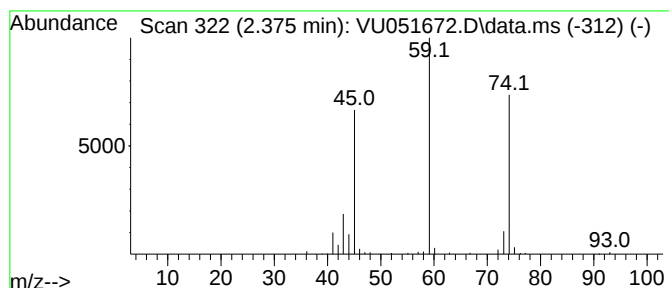
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	1.32 ug/L	124667	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ether	74	C4H10O	000060-29-7	90
2			Ethyl ether	74	C4H10O	000060-29-7	90
3			Ethyl ether	74	C4H10O	000060-29-7	86
4			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	74
5			Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64



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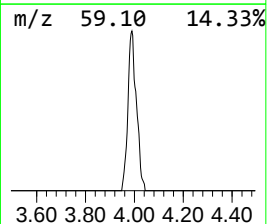
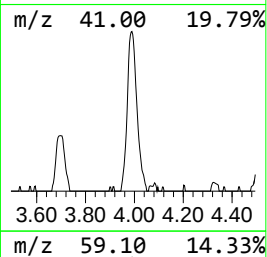
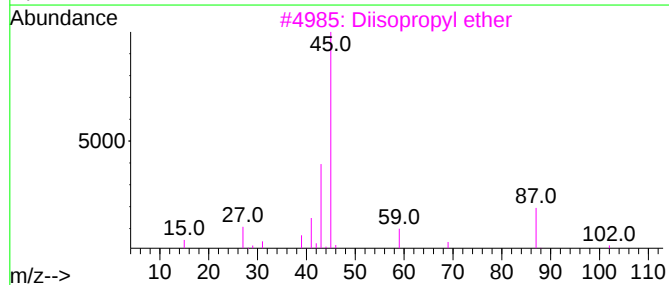
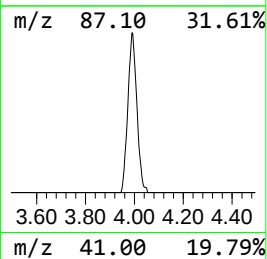
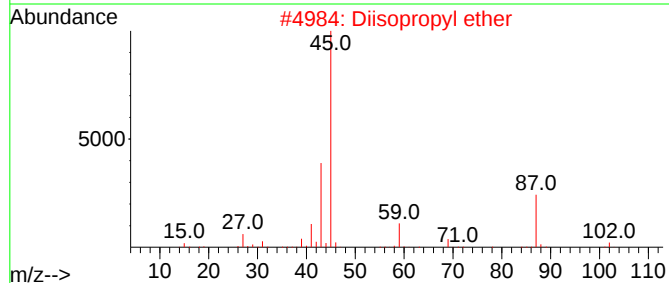
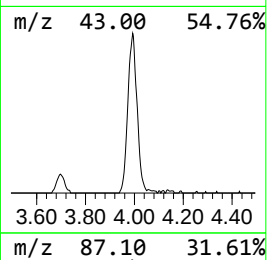
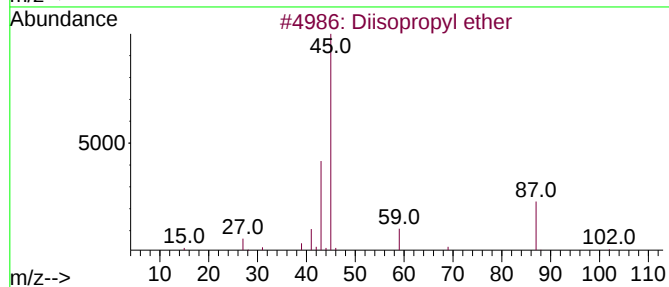
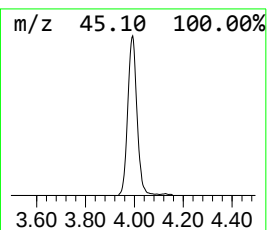
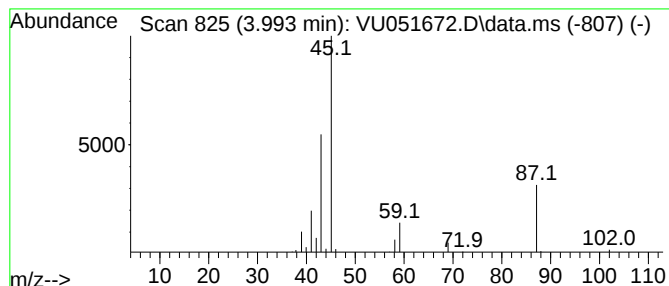
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	1.48 ug/L	139102	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	90
2			Diisopropyl ether	102	C6H14O	000108-20-3	86
3			Diisopropyl ether	102	C6H14O	000108-20-3	80
4			Diisopropyl ether	102	C6H14O	000108-20-3	78
5			1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78



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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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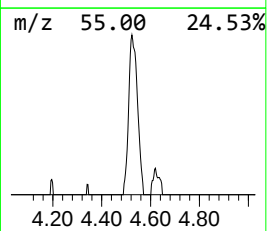
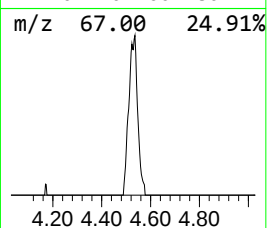
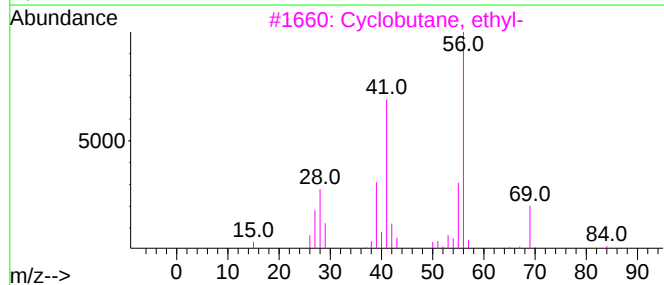
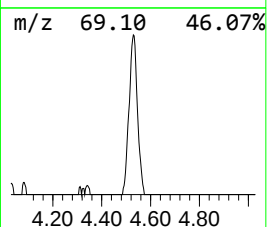
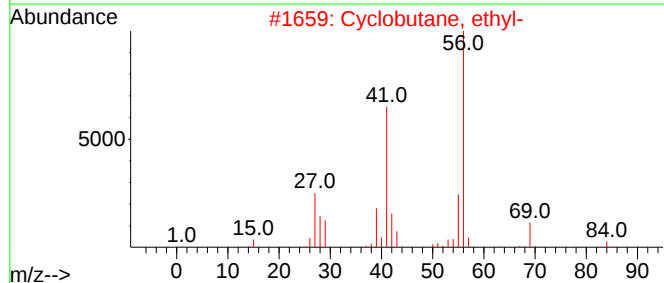
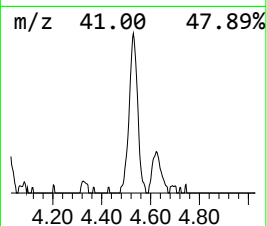
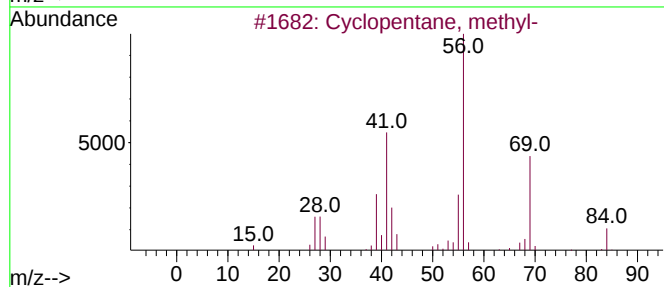
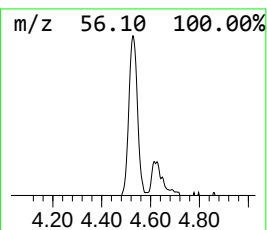
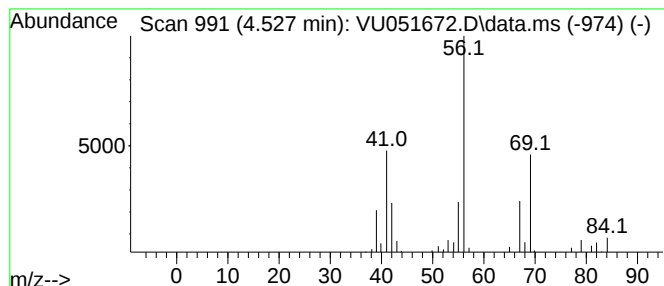
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Cyclic4.527 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.527	0.63 ug/L	59641	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	58
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	52
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	42
5			Cyclopentane, methyl-	84	C6H12	000096-37-7	42



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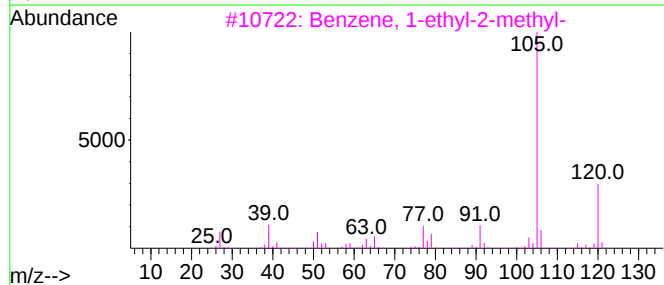
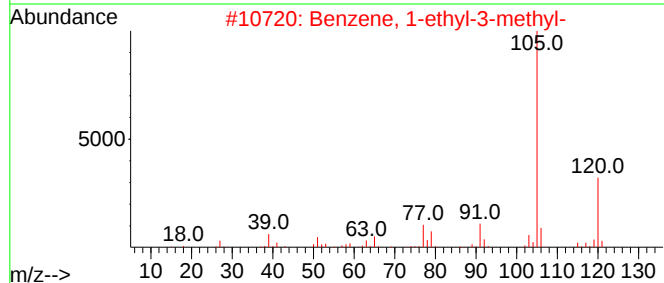
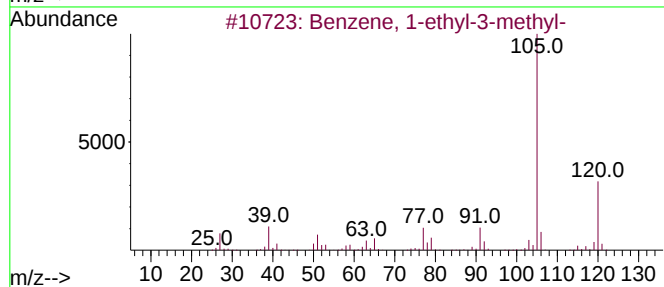
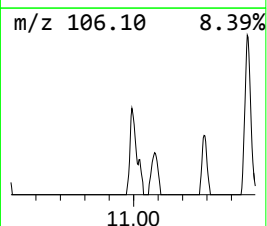
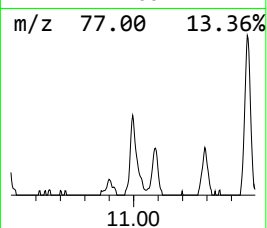
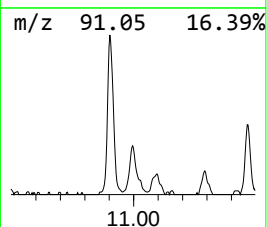
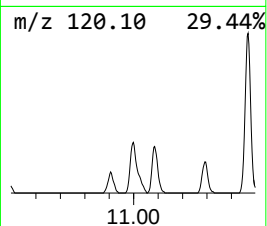
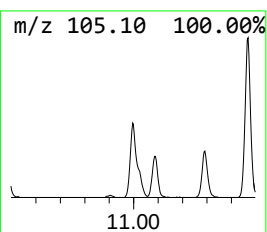
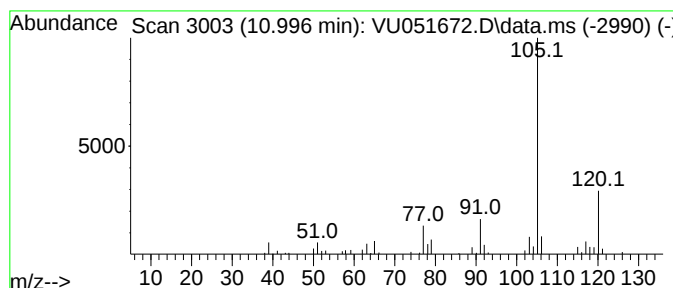
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	0.80 ug/L	95541	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5			Mesitylene	120	C9H12	000108-67-8	87



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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	1.472	0.9	ug/L	82340	1	6.247	470630	5.0
Ethyl ether	2.375	1.3	ug/L	124667	1	6.247	470630	5.0
Diisopropyl ether	3.993	1.5	ug/L	139102	1	6.247	470630	5.0
(DEL) Alkane: C...	4.527	0.6	ug/L	59641	1	6.247	470630	5.0
Benzene, 1-ethy...	10.996	0.8	ug/L	95541	3	11.809	594475	5.0