

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051678.D
 Acq On : 02 Nov 2022 02:09
 Operator : JC/MD
 Sample : N5320-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB5DL

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: VU051678.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.469	31	40	53	rBV	78463	147842	17.69%	1.823%
2	1.597	73	80	102	rVB	110031	152105	18.20%	1.876%
3	1.909	169	177	193	rBV	84579	123227	14.74%	1.520%
4	2.376	314	322	339	rVB2	46094	77674	9.29%	0.958%
5	2.562	369	380	396	rBV	162345	262838	31.45%	3.242%
6	3.044	516	530	551	rBV	52058	111543	13.34%	1.376%
7	3.183	556	573	590	rBV	53503	124559	14.90%	1.536%
8	3.356	615	627	646	rVB4	13871	32307	3.87%	0.398%
9	3.697	720	733	745	rBV3	9646	19404	2.32%	0.239%
10	3.845	756	779	780	rBV	9159	18297	2.19%	0.226%
11	3.993	807	825	848	rBV3	70819	183573	21.96%	2.264%
12	4.527	976	991	1007	rBV3	19541	46221	5.53%	0.570%
13	4.620	1007	1020	1055	rBV2	143979	363242	43.46%	4.480%
14	5.060	1140	1157	1196	rBV	154584	372741	44.59%	4.597%
15	5.723	1340	1363	1371	rBV2	303094	785792	94.01%	9.692%
16	5.771	1371	1378	1402	rVB	415736	835861	100.00%	10.309%
17	6.247	1508	1526	1545	rBV	232254	444949	53.23%	5.488%
18	6.690	1650	1664	1680	rBV	191784	378090	45.23%	4.663%
19	7.565	1924	1936	1956	rBV	82441	145378	17.39%	1.793%
20	7.896	2024	2039	2055	rBV	337626	587124	70.24%	7.241%
21	8.179	2115	2127	2145	rBV2	51230	86134	10.30%	1.062%
22	8.469	2208	2217	2232	rVB2	6378	11627	1.39%	0.143%
23	8.632	2256	2268	2304	rBV	406022	755196	90.35%	9.314%
24	9.417	2496	2512	2518	rBV	356526	625808	74.87%	7.719%
25	9.694	2586	2598	2610	rBV3	17155	30518	3.65%	0.376%
26	10.485	2832	2844	2858	rBV	26788	42433	5.08%	0.523%
27	10.755	2912	2928	2948	rBV	158071	255730	30.59%	3.154%
28	10.896	2961	2972	2985	rBV5	12628	27352	3.27%	0.337%
29	11.292	3085	3095	3103	rBV2	10610	14958	1.79%	0.184%
30	11.809	3244	3256	3275	rBV	298156	497158	59.48%	6.132%
31	11.896	3275	3283	3296	rVB2	8680	14765	1.77%	0.182%
32	12.095	3333	3345	3359	rVB3	10521	18091	2.16%	0.223%
33	12.192	3362	3375	3397	rBV	309956	515235	61.64%	6.355%

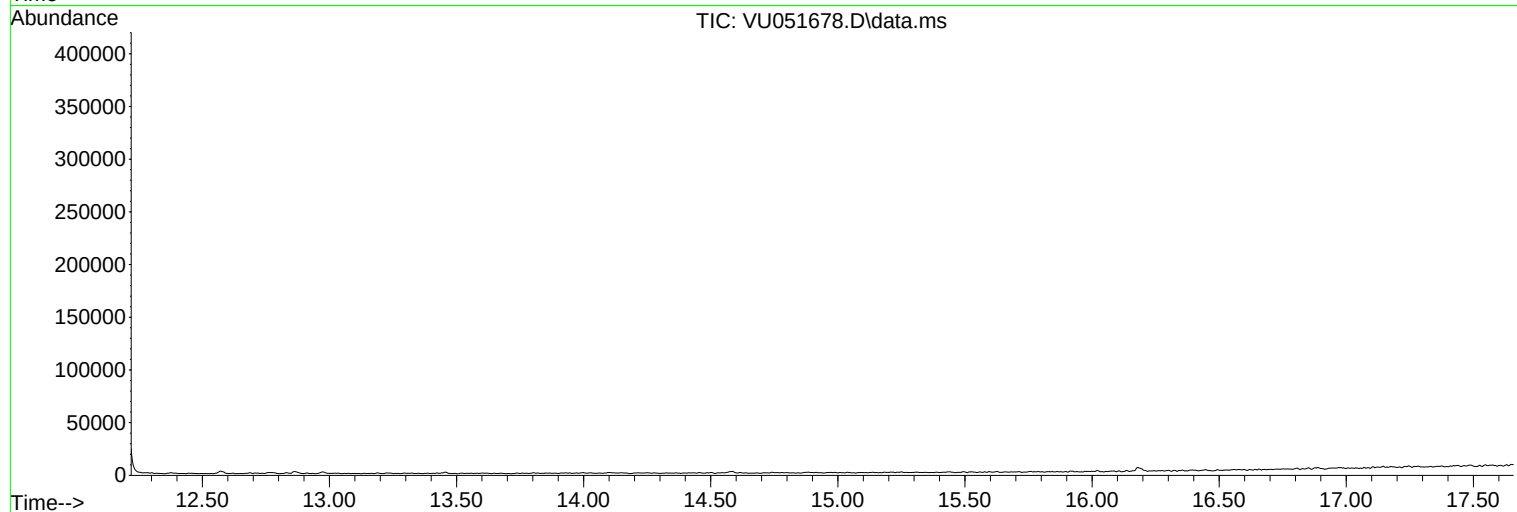
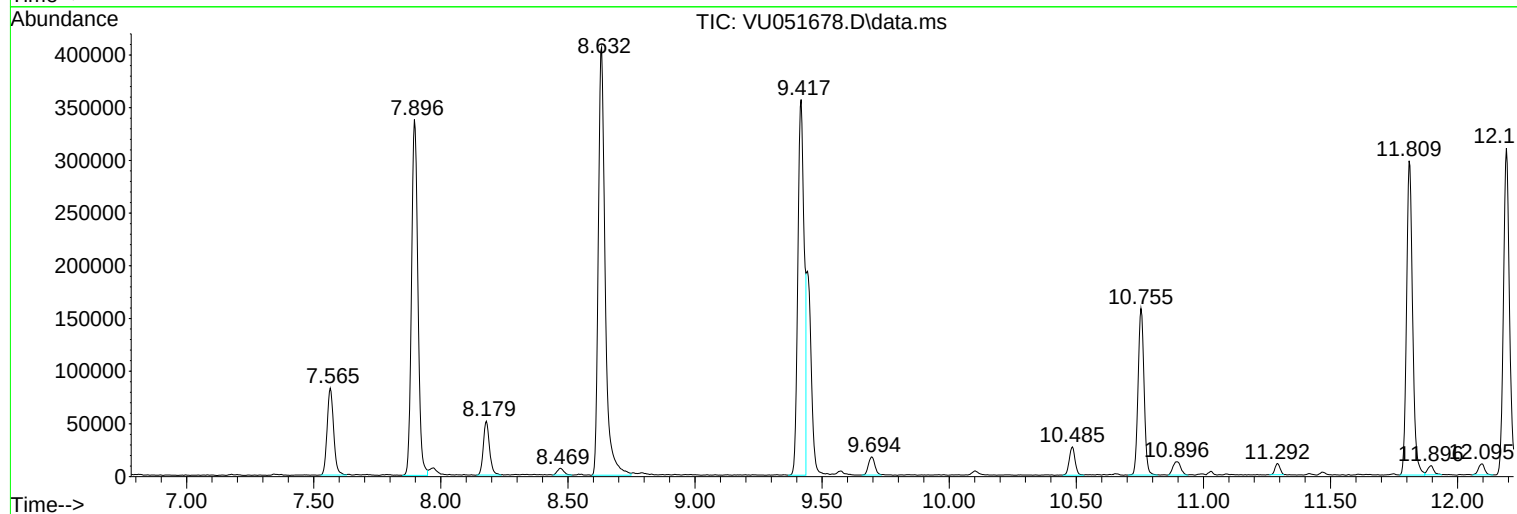
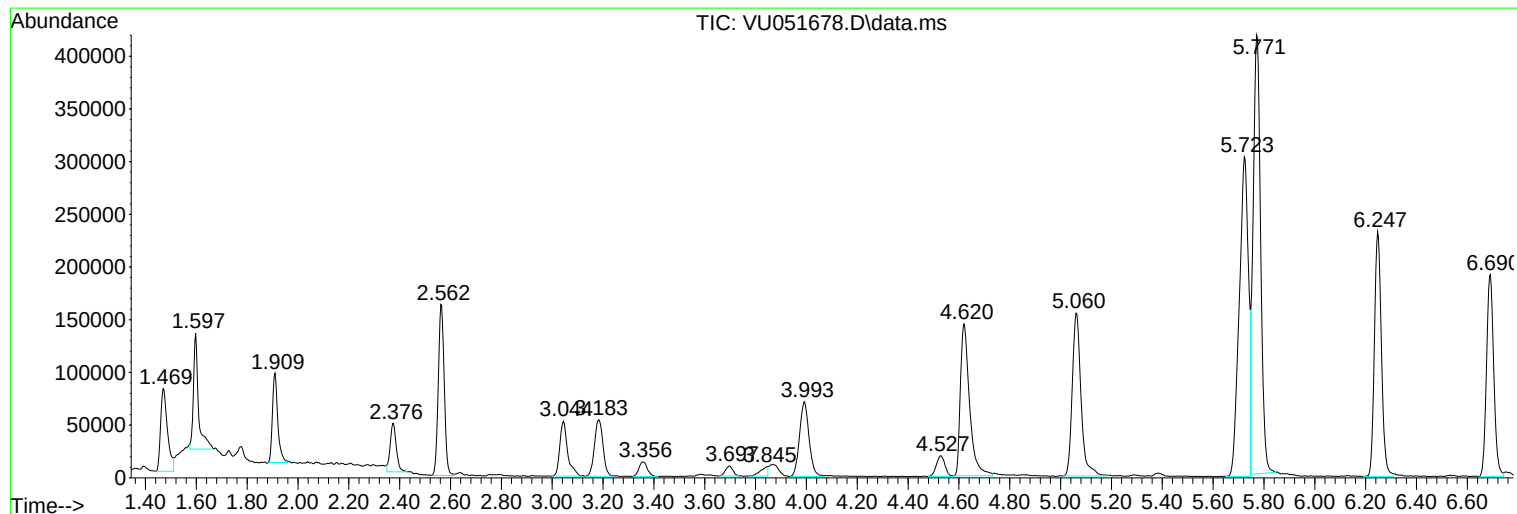
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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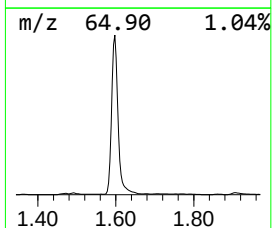
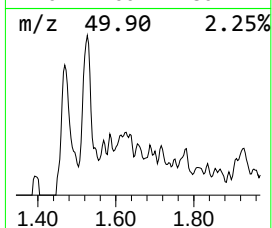
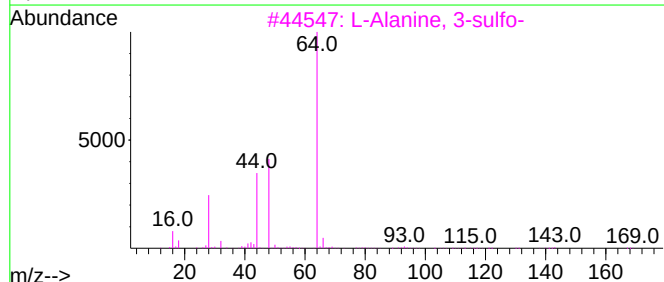
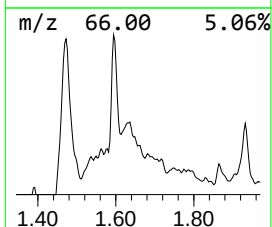
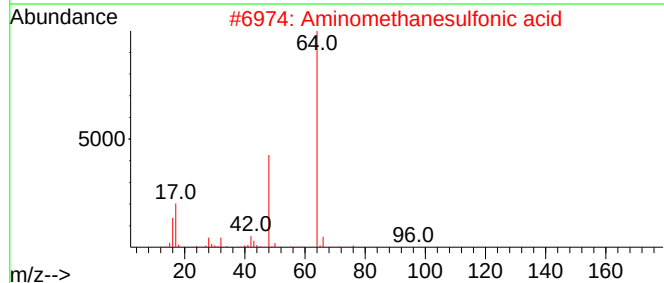
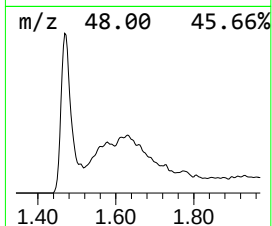
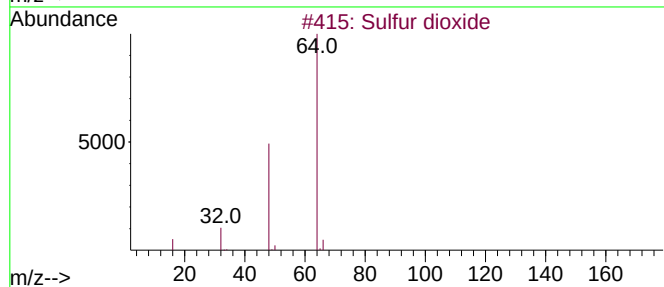
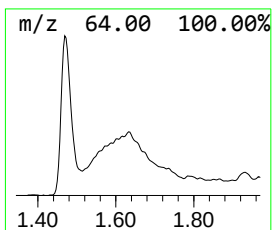
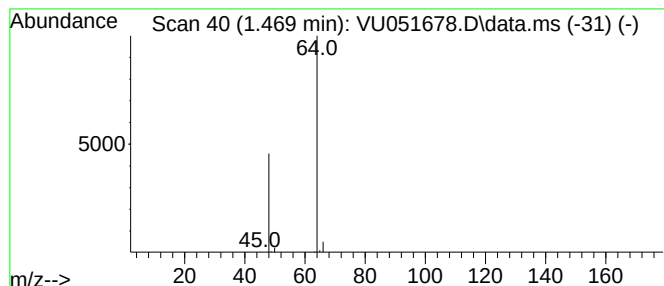
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	1.66 ug/L	147842	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
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	5



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MSVOA_U
ClientSampleId :
BHAB5DL

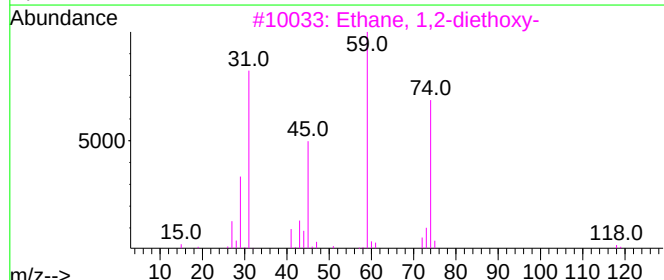
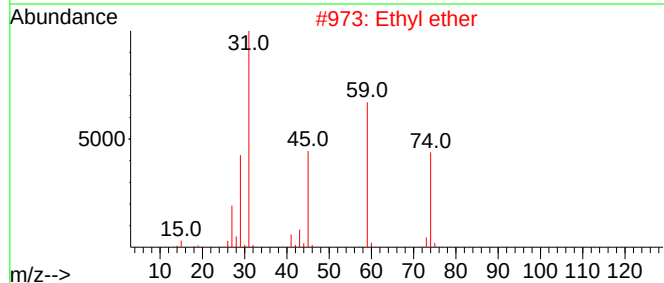
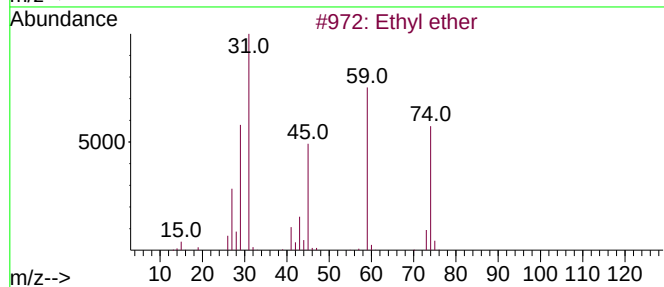
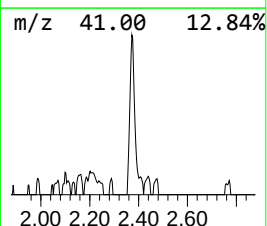
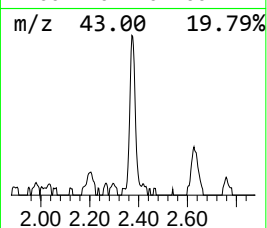
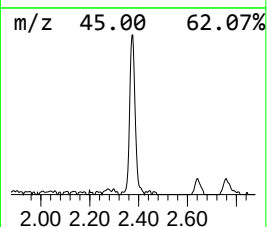
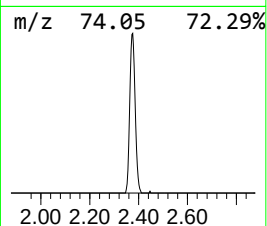
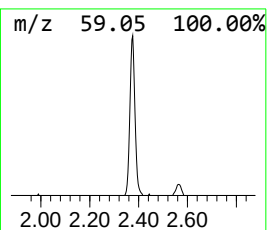
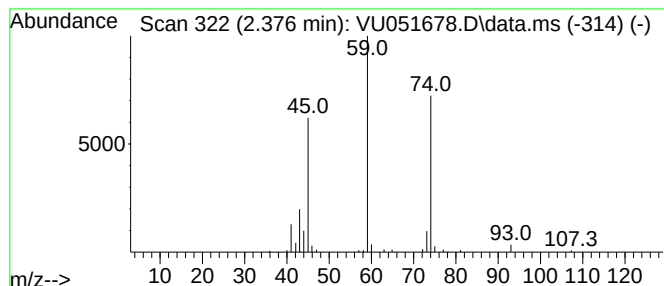
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Ethyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.376	0.87 ug/L	77674	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	86
3	Ethane, 1,2-diethoxy-			118	C6H14O2	000629-14-1	83
4	Ethyl ether			74	C4H10O	000060-29-7	72
5	Ethyl ether			74	C4H10O	000060-29-7	64



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ALS Vial : 32 Sample Multiplier: 1

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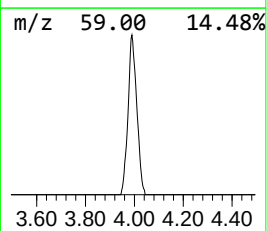
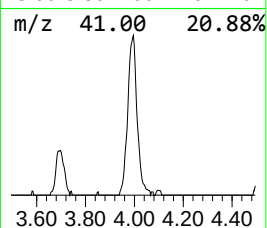
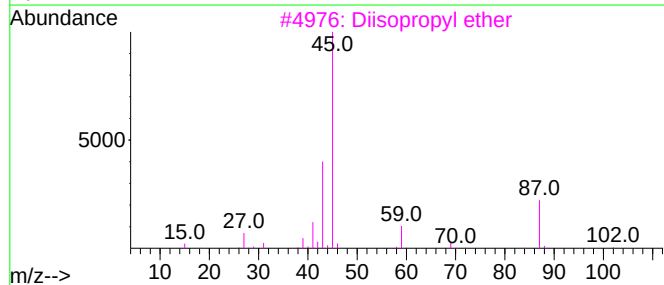
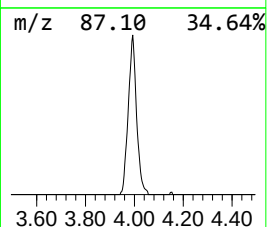
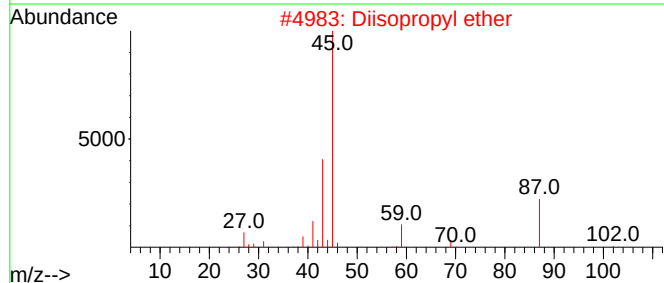
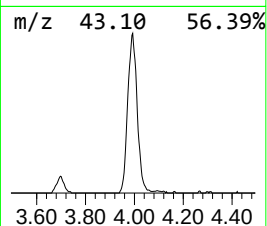
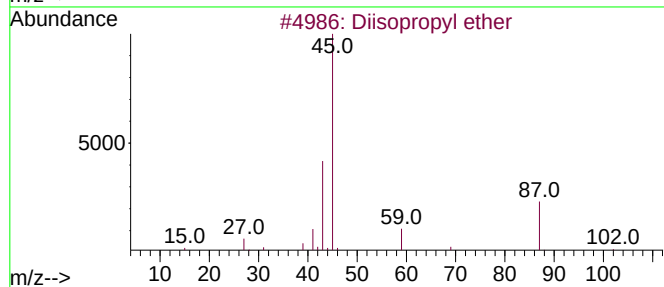
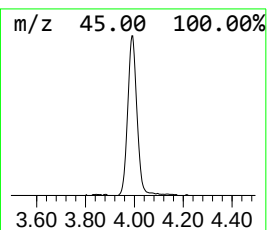
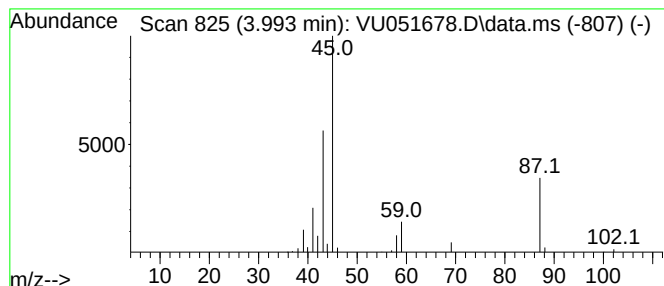
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.993	2.06 ug/L	183573	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	90
3			Diisopropyl ether	102	C6H14O	000108-20-3	83
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 : 32 Sample Multiplier: 1

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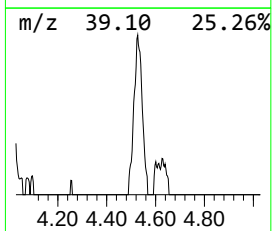
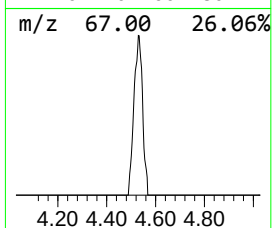
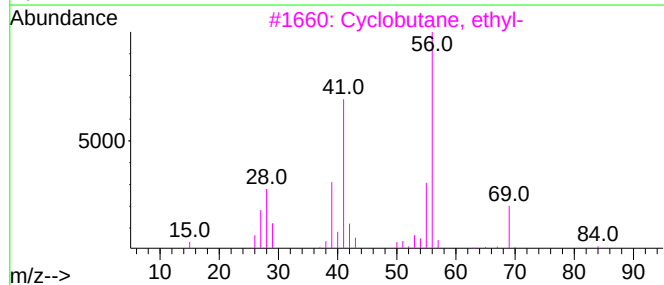
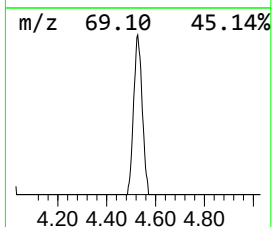
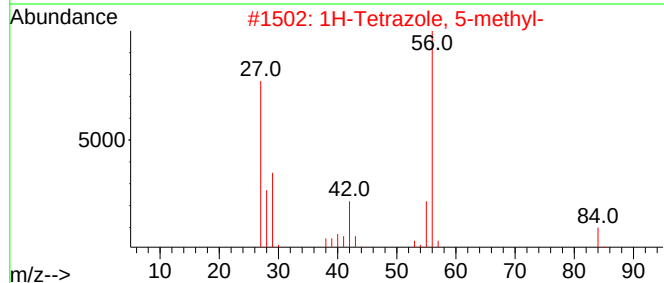
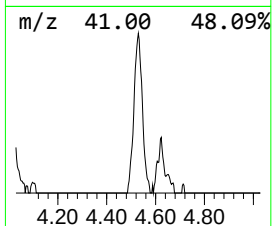
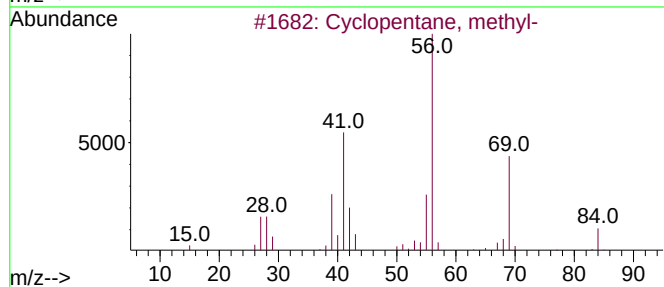
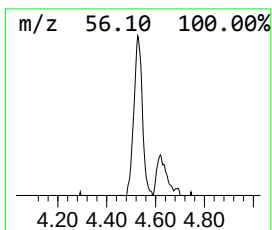
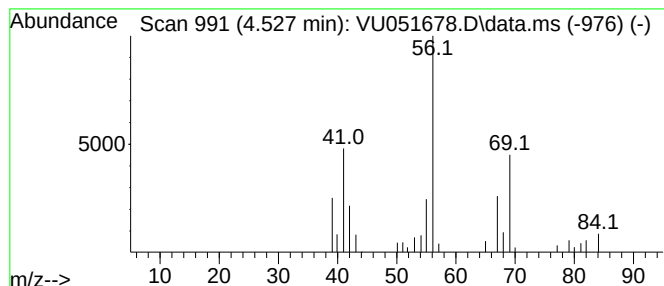
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.527	0.52 ug/L	46221	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	68
2			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	42
5			2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.469	1.7	ug/L	147842	1	6.247	444949	5.0
Ethyl ether	2.376	0.9	ug/L	77674	1	6.247	444949	5.0
Diisopropyl ether	3.993	2.1	ug/L	183573	1	6.247	444949	5.0
(DEL) Alkane: C...	4.527	0.5	ug/L	46221	1	6.247	444949	5.0