

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051676.D
 Acq On : 02 Nov 2022 01:18
 Operator : JC/MD
 Sample : N5320-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB4

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: VU051676.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	109857	218606	28.63%	2.225%
2	1.597	74	80	103	rVB2	109765	164371	21.53%	1.673%
3	1.912	170	178	195	rVB	84523	120288	15.75%	1.224%
4	2.375	312	322	339	rVB	314933	483925	63.38%	4.925%
5	2.565	369	381	394	rBV	150440	243746	31.92%	2.481%
6	2.639	395	404	426	rVB3	14626	29045	3.80%	0.296%
7	3.044	521	530	540	rBV4	4968	8344	1.09%	0.085%
8	3.182	560	573	588	rVB2	13015	28735	3.76%	0.292%
9	3.362	615	629	644	rBV2	14466	33897	4.44%	0.345%
10	3.700	723	734	746	rVB6	3520	7957	1.04%	0.081%
11	3.854	756	782	784	rBV	11185	28317	3.71%	0.288%
12	3.989	806	824	853	rBV	280363	724795	94.93%	7.377%
13	4.530	978	992	1007	rBV4	4757	12246	1.60%	0.125%
14	4.620	1007	1020	1055	rBV	127344	315827	41.37%	3.215%
15	5.063	1140	1158	1183	rBV	158082	377317	49.42%	3.840%
16	5.722	1342	1363	1371	rBV2	293663	754930	98.88%	7.684%
17	5.771	1371	1378	1408	rVB	321011	674630	88.36%	6.866%
18	6.247	1514	1526	1550	rBV	225770	438497	57.43%	4.463%
19	6.690	1650	1664	1683	rBV2	187281	371699	48.68%	3.783%
20	7.565	1922	1936	1957	rBV	80505	143495	18.79%	1.461%
21	7.896	2024	2039	2054	rBV	326418	565940	74.12%	5.760%
22	7.970	2055	2062	2074	rVB	18878	31582	4.14%	0.321%
23	8.179	2117	2127	2141	rBV2	48830	79987	10.48%	0.814%
24	8.472	2201	2218	2229	rBV	26985	47900	6.27%	0.488%
25	8.632	2256	2268	2299	rBV	392667	742271	97.22%	7.555%
26	9.417	2498	2512	2515	rBV	351050	521552	68.31%	5.308%
27	9.446	2516	2521	2551	rVV	476555	763508	100.00%	7.771%
28	9.571	2551	2560	2578	rVB2	9260	20117	2.63%	0.205%
29	9.693	2584	2598	2610	rBV3	70214	120016	15.72%	1.222%
30	10.098	2711	2724	2745	rVB	60224	105266	13.79%	1.071%
31	10.484	2833	2844	2856	rBV	28677	45818	6.00%	0.466%
32	10.754	2913	2928	2938	rBV	157587	254323	33.31%	2.589%
33	10.893	2959	2971	2989	rVB3	64201	113438	14.86%	1.155%
34	10.989	2989	3001	3009	rBV4	5729	10030	1.31%	0.102%
35	11.291	3085	3095	3107	rBV	15494	24320	3.19%	0.248%
36	11.468	3140	3150	3162	rBV3	12559	19292	2.53%	0.196%

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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

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 Title : TRACE VOA SFAM1.0

37	11.809	3245	3256	3273	rBV	303469	529159	69.31%	5.386%
38	11.889	3273	3281	3296	rVB5	17057	29674	3.89%	0.302%
39	12.095	3327	3345	3362	rVB3	30087	52164	6.83%	0.531%
40	12.192	3362	3375	3393	rBV	312329	523441	68.56%	5.328%
41	12.571	3484	3493	3503	rBV2	8260	12269	1.61%	0.125%
42	12.770	3544	3555	3565	rBV2	7414	13167	1.72%	0.134%
43	12.973	3608	3618	3625	rBV	6623	9797	1.28%	0.100%
44	14.761	4165	4174	4191	rBV9	4577	9294	1.22%	0.095%

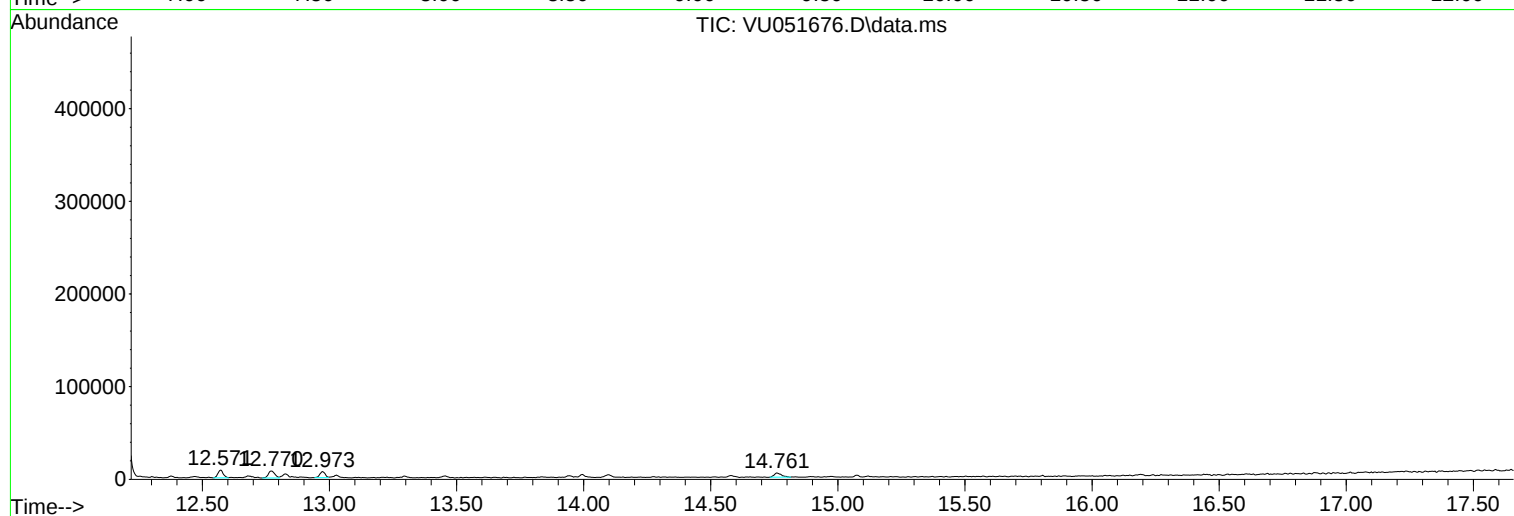
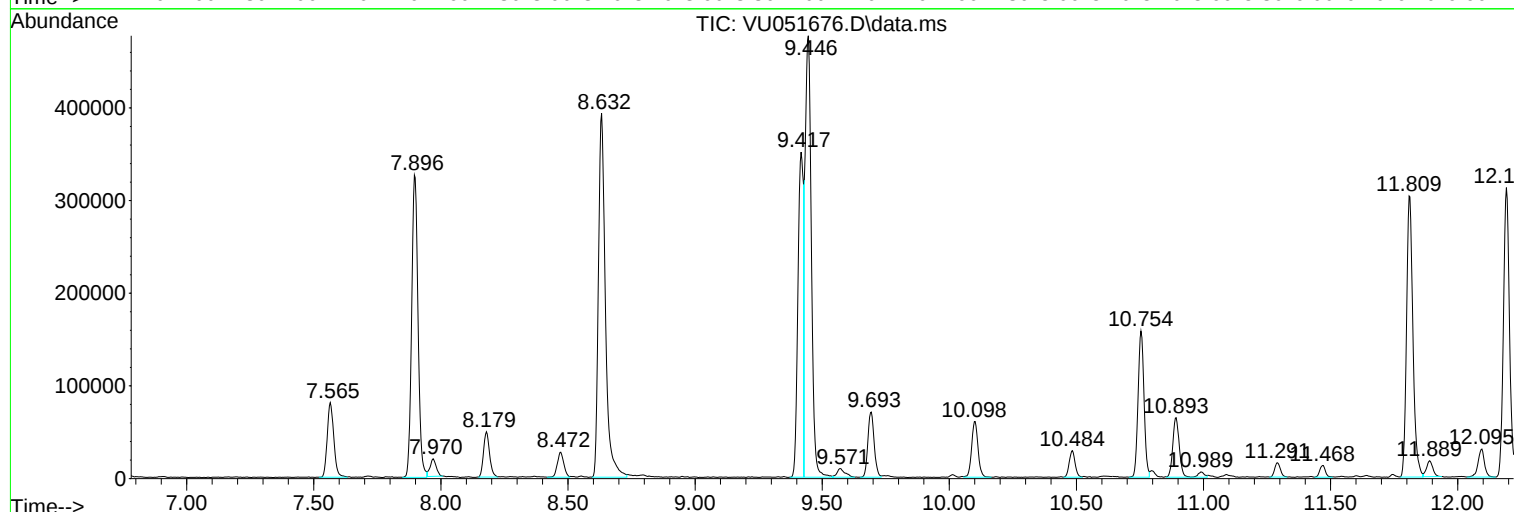
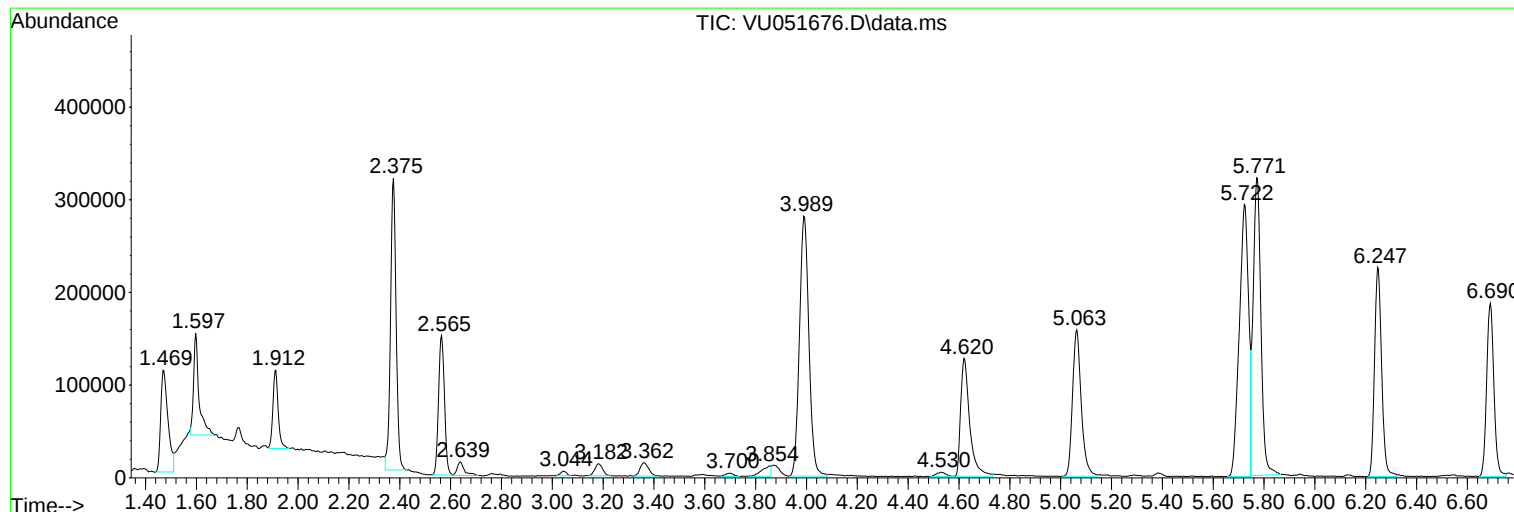
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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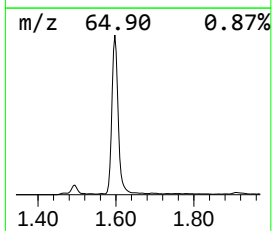
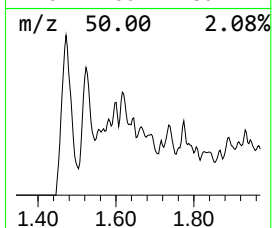
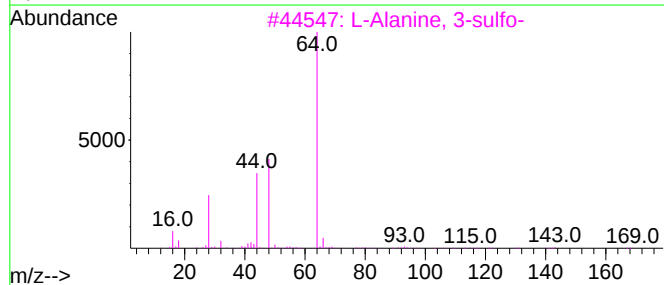
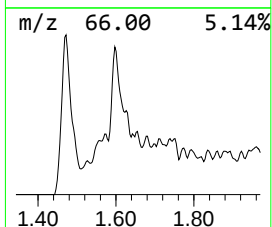
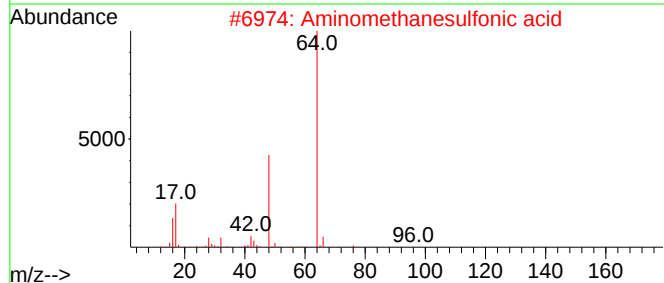
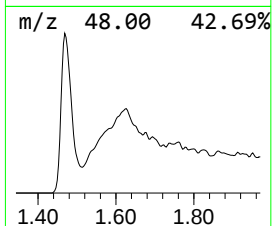
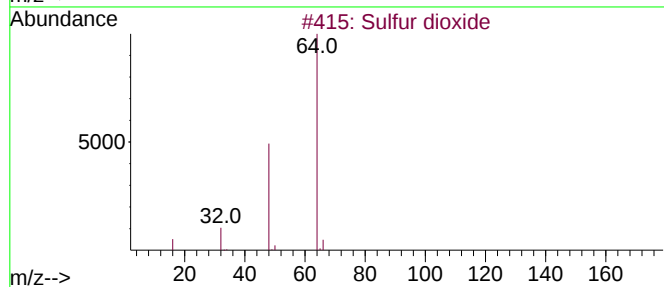
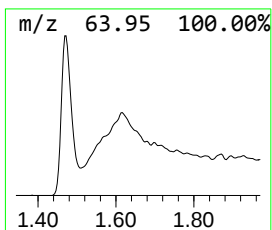
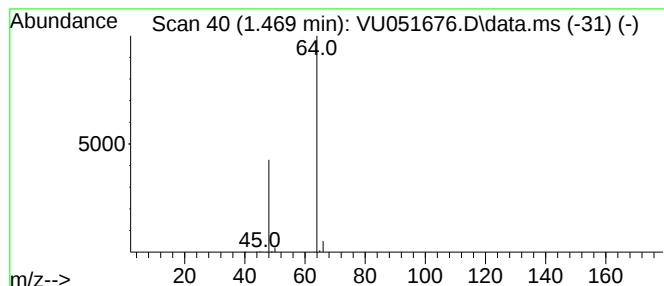
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	2.49 ug/L	218606	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			Sulfur dioxide	64	O2S	007446-09-5	5
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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ALS Vial : 30 Sample Multiplier: 1

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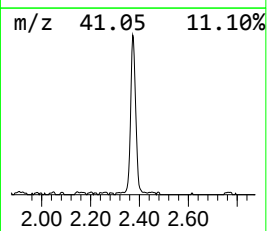
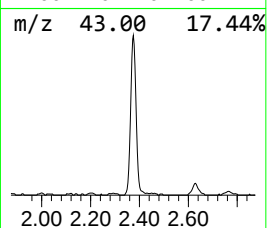
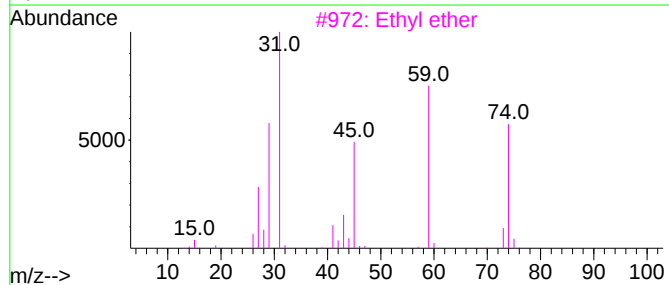
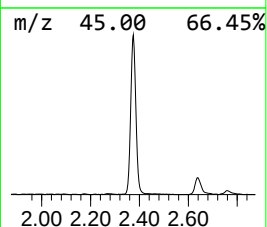
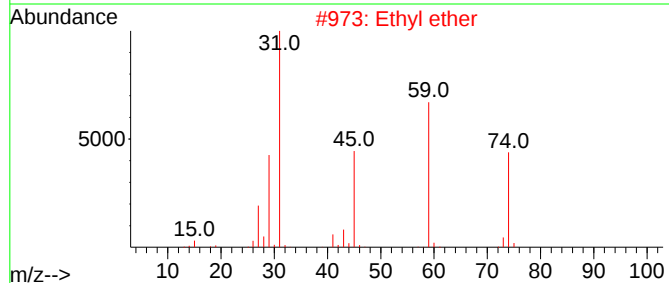
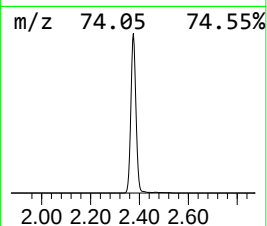
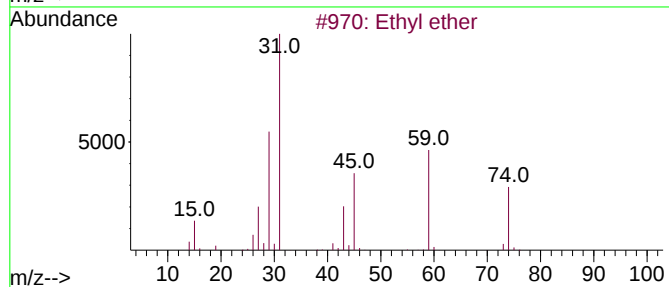
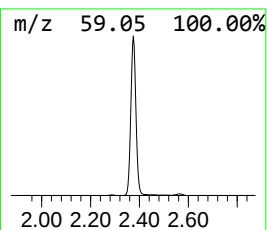
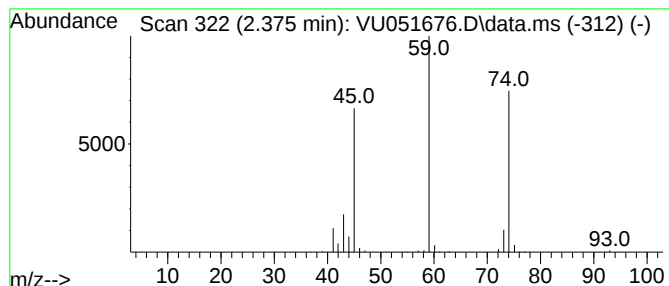
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	5.52 ug/L	483925	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	90
4	Ethane, 1,2-diethoxy-			118	C6H14O2	000629-14-1	74
5	Ethyl ether			74	C4H10O	000060-29-7	59



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ALS Vial : 30 Sample Multiplier: 1

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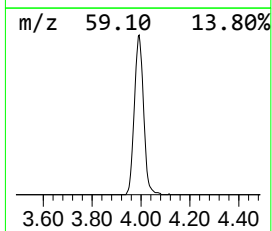
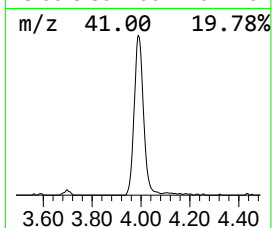
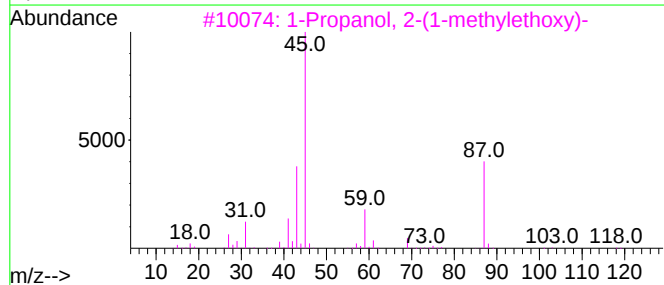
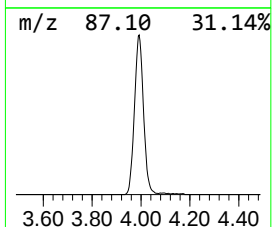
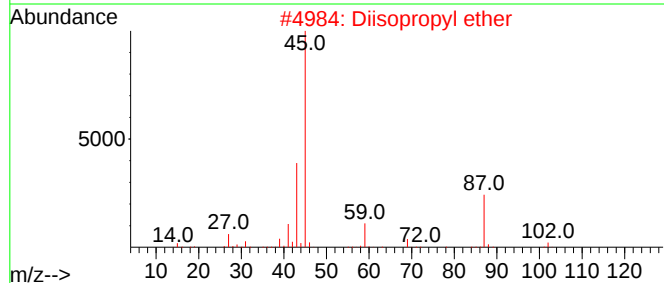
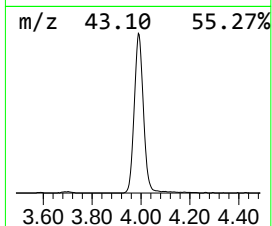
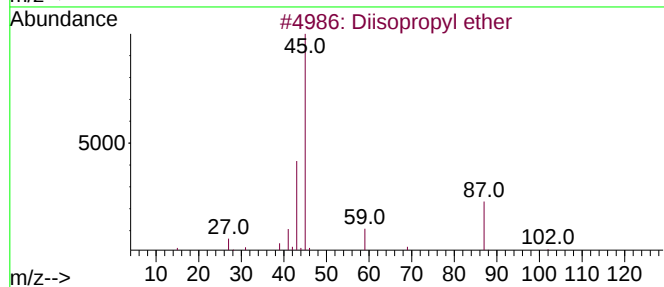
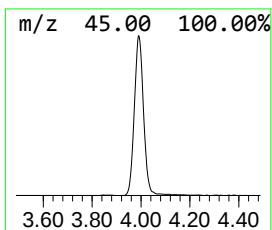
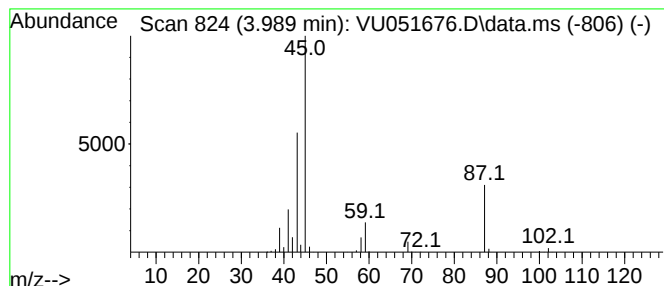
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.989	8.26 ug/L	724795	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			1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
4			Diisopropyl ether	102	C6H14O	000108-20-3	78
5			Diisopropyl ether	102	C6H14O	000108-20-3	78



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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	1.469	2.5	ug/L	218606	1	6.247	438497	5.0
Ethyl ether	2.375	5.5	ug/L	483925	1	6.247	438497	5.0
Diisopropyl ether	3.989	8.3	ug/L	724795	1	6.247	438497	5.0