

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051306.D
 Acq On : 09 Oct 2022 17:41
 Operator : JC/MD
 Sample : N5013-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA42

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\SFAMUTR100722WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU051306.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.597	71	80	91	rBV	97800	121728	7.52%	1.168%
2	1.912	170	178	203	rVB2	94491	186540	11.53%	1.790%
3	2.375	312	322	340	rVB4	67558	114242	7.06%	1.096%
4	2.565	367	381	393	rBV	155148	251959	15.57%	2.417%
5	2.758	432	441	458	rVB	10538	19688	1.22%	0.189%
6	3.864	759	785	804	rBV3	43797	118522	7.32%	1.137%
7	3.989	804	824	857	rBV	623716	1618147	100.00%	15.523%
8	4.620	1008	1020	1064	rVB	173540	476641	29.46%	4.573%
9	5.060	1140	1157	1179	rBV	173488	399521	24.69%	3.833%
10	5.723	1343	1363	1374	rBV2	328898	878463	54.29%	8.427%
11	6.247	1512	1526	1548	rBV	276686	530733	32.80%	5.092%
12	6.690	1649	1664	1683	rBV	220372	428831	26.50%	4.114%
13	7.565	1922	1936	1954	rBV	97207	171753	10.61%	1.648%
14	7.713	1972	1982	1993	rVB2	9115	16492	1.02%	0.158%
15	7.896	2026	2039	2051	rBV	362460	632490	39.09%	6.068%
16	7.967	2051	2061	2084	rVB	179816	313001	19.34%	3.003%
17	8.169	2109	2124	2142	rBV4	121730	277321	17.14%	2.660%
18	8.552	2234	2243	2255	rVB5	11460	19452	1.20%	0.187%
19	8.632	2255	2268	2302	rBV3	495812	1052778	65.06%	10.100%
20	9.417	2499	2512	2531	rBV	404743	757190	46.79%	7.264%
21	9.568	2549	2559	2578	rVB	29173	49539	3.06%	0.475%
22	9.690	2583	2597	2611	rBV	71363	121994	7.54%	1.170%
23	10.099	2716	2724	2738	rVB	20092	33915	2.10%	0.325%
24	10.754	2909	2928	2946	rVV	183194	304845	18.84%	2.924%
25	10.880	2957	2967	2983	rBV9	19049	38328	2.37%	0.368%
26	11.028	2993	3013	3024	rBV5	27682	53484	3.31%	0.513%
27	11.468	3138	3150	3162	rBV2	10972	17559	1.09%	0.168%
28	11.574	3167	3183	3196	rBV4	9596	20384	1.26%	0.196%
29	11.809	3244	3256	3273	rBV	384646	647635	40.02%	6.213%
30	11.889	3273	3281	3298	rVB5	13926	26533	1.64%	0.255%
31	12.092	3337	3344	3354	rVB4	10893	18206	1.13%	0.175%
32	12.192	3362	3375	3396	rBV	364109	610753	37.74%	5.859%
33	14.089	3955	3965	3987	rVB	27509	50948	3.15%	0.489%
34	15.076	4260	4272	4280	rBV10	10512	17202	1.06%	0.165%
35	15.410	4368	4376	4390	rVB4	14265	27038	1.67%	0.259%

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Title : TRACE VOA SFAM1.0

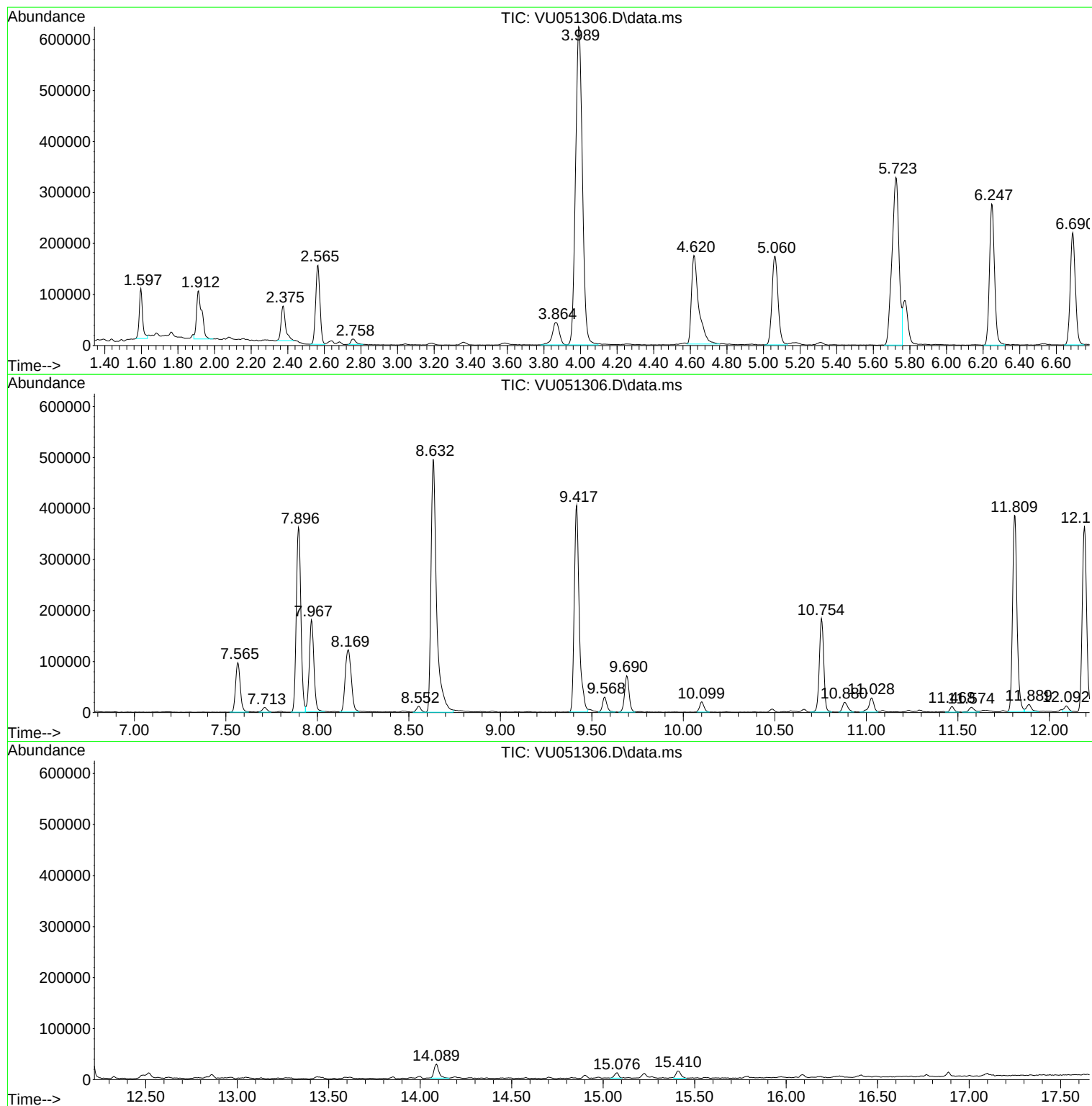
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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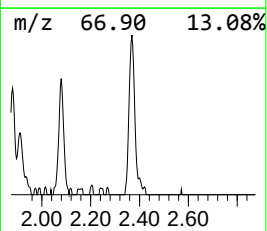
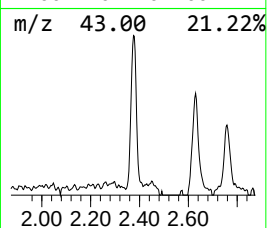
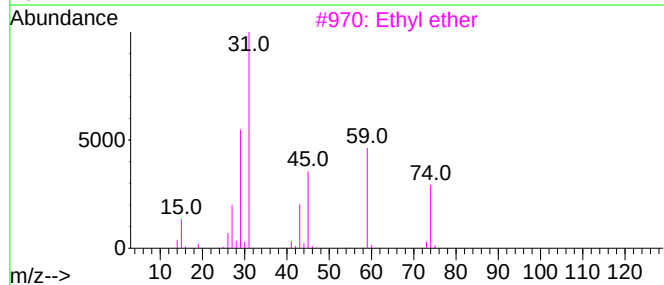
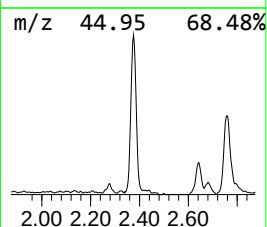
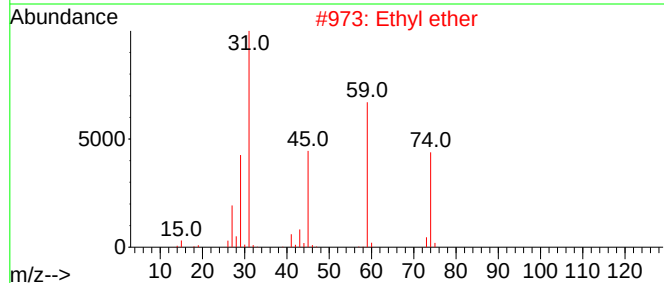
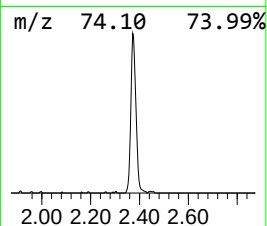
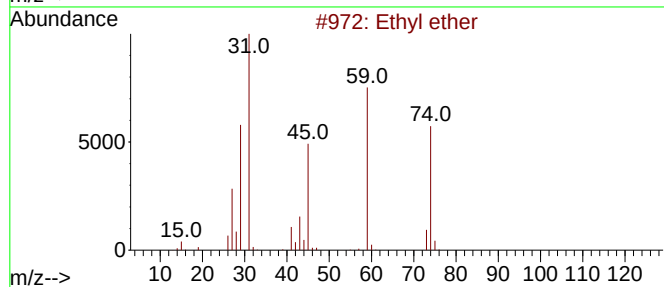
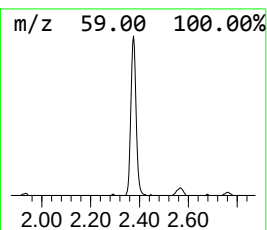
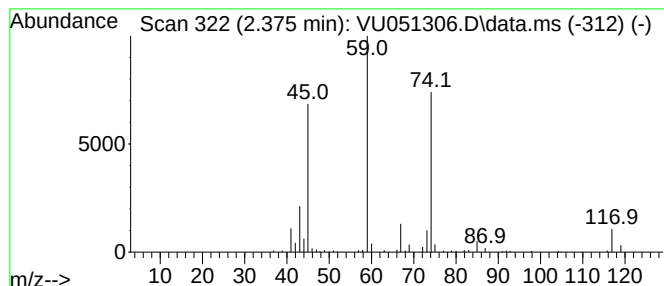
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	1.08 ug/L	114242	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether			74	C4H10O	000060-29-7	83
2	Ethyl ether			74	C4H10O	000060-29-7	80
3	Ethyl ether			74	C4H10O	000060-29-7	80
4	Boron trifluoride etherate			142	C4H10BF3O	000109-63-7	56
5	Ethyl ether			74	C4H10O	000060-29-7	53



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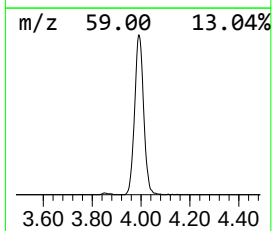
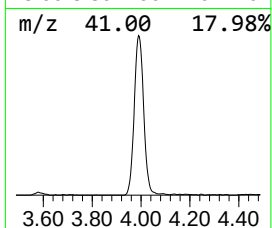
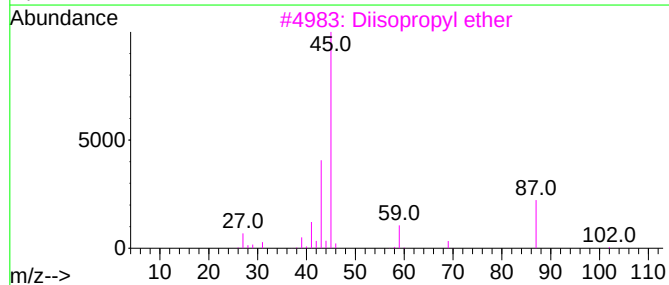
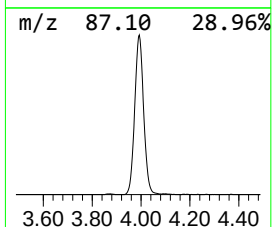
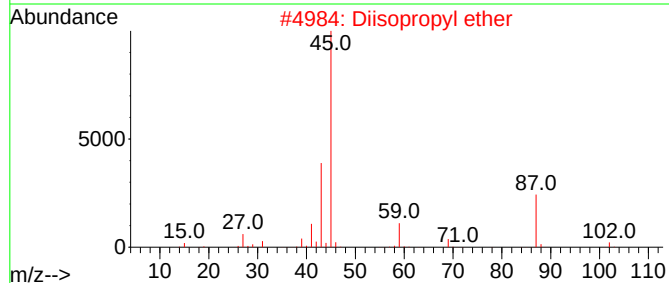
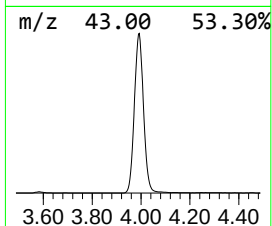
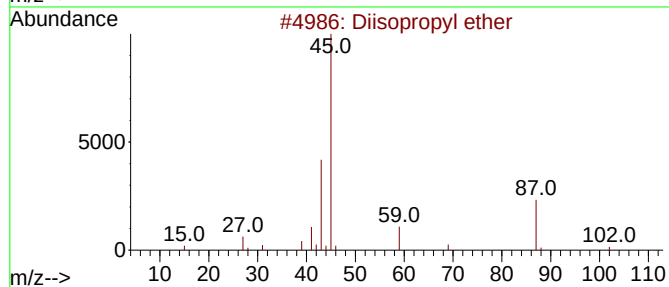
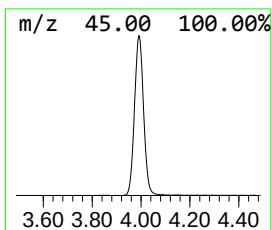
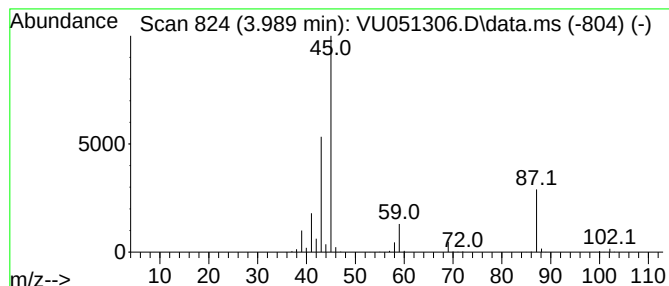
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.989	15.24 ug/L	1618150	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	83
3			Diisopropyl ether	102	C6H14O	000108-20-3	78
4			Diisopropyl ether	102	C6H14O	000108-20-3	78
5			Diisopropyl ether	102	C6H14O	000108-20-3	78



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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
Ethyl ether	2.375	1.1	ug/L	114242	1	6.247	530733	5.0
Diisopropyl ether	3.989	15.2	ug/L	1618150	1	6.247	530733	5.0