

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051328.D
 Acq On : 10 Oct 2022 15:38
 Operator : JC/MD
 Sample : N5013-01DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA38DL

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: VU051328.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	72	80	94	rBV2	93364	112463	2.14%	0.606%
2	1.909	170	177	194	rVB2	80261	131439	2.50%	0.709%
3	2.375	312	322	335	rBV	73185	106642	2.03%	0.575%
4	2.565	369	381	393	rBV	132520	217148	4.13%	1.171%
5	3.041	516	529	555	rBV4	27239	59983	1.14%	0.323%
6	3.182	558	573	590	rVB2	24316	54751	1.04%	0.295%
7	3.989	808	824	846	rBV4	59321	156812	2.99%	0.845%
8	4.530	971	992	1007	rBV4	26941	68986	1.31%	0.372%
9	4.620	1008	1020	1028	rBV2	163159	371661	7.08%	2.004%
10	5.060	1141	1157	1176	rBV	155773	344224	6.55%	1.856%
11	5.723	1342	1363	1368	rBV2	274327	657684	12.52%	3.546%
12	5.771	1369	1378	1408	rVB	1505768	3041445	57.91%	16.398%
13	6.247	1513	1526	1543	rBV	285317	543802	10.35%	2.932%
14	6.690	1647	1664	1679	rBV	190698	374017	7.12%	2.017%
15	7.565	1924	1936	1955	rBV2	79313	140272	2.67%	0.756%
16	7.896	2019	2039	2049	rBV	292553	503875	9.59%	2.717%
17	7.967	2049	2061	2092	rVB	3124186	5251945	100.00%	28.317%
18	8.179	2114	2127	2140	rBV	58253	95256	1.81%	0.514%
19	8.632	2256	2268	2300	rBV3	411963	884577	16.84%	4.769%
20	9.417	2493	2512	2516	rBV	431523	697062	13.27%	3.758%
21	9.568	2547	2559	2580	rVB	365828	597233	11.37%	3.220%
22	9.690	2584	2597	2630	rBV	984415	1606247	30.58%	8.660%
23	10.099	2709	2724	2742	rBV	263129	426690	8.12%	2.301%
24	10.481	2832	2843	2858	rBV	80118	127360	2.43%	0.687%
25	10.754	2912	2928	2941	rBV	160245	262029	4.99%	1.413%
26	10.902	2960	2974	2990	rBV2	29435	55904	1.06%	0.301%
27	10.996	2991	3003	3009	rBV2	36019	60746	1.16%	0.328%
28	11.465	3139	3149	3165	rVB	86229	134552	2.56%	0.725%
29	11.809	3243	3256	3273	rBV	417232	695628	13.25%	3.751%
30	11.893	3273	3282	3298	rVB	40041	66908	1.27%	0.361%
31	12.092	3332	3344	3362	rBV2	70881	117414	2.24%	0.633%
32	12.192	3362	3375	3395	rBV	330812	582445	11.09%	3.140%

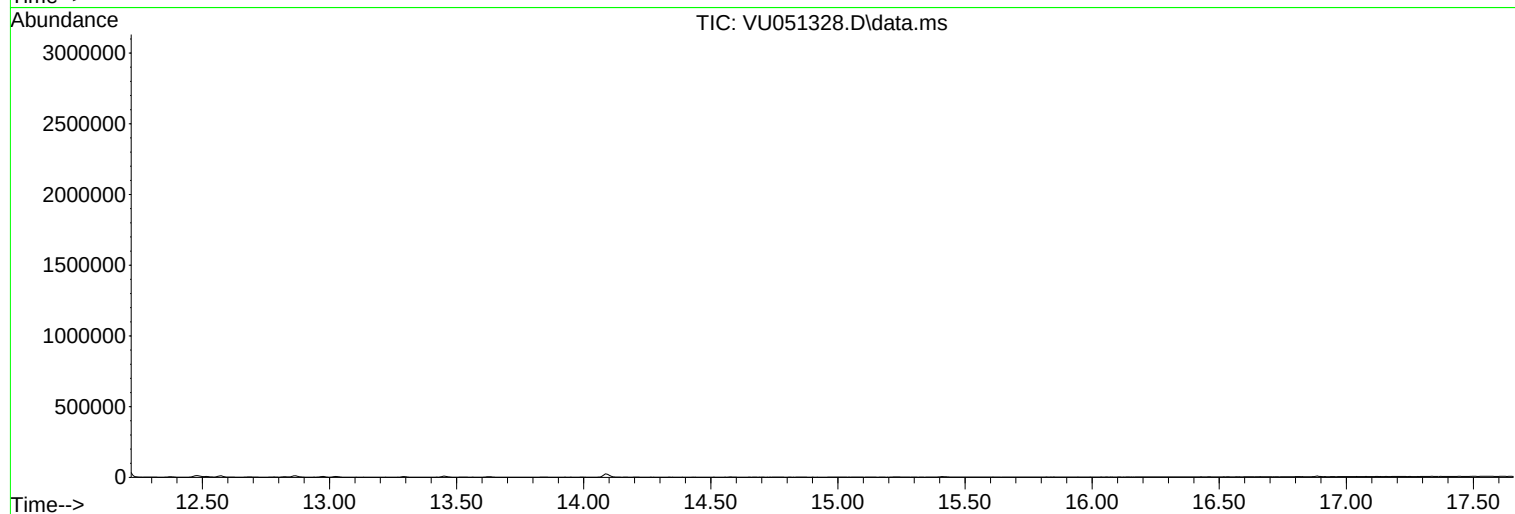
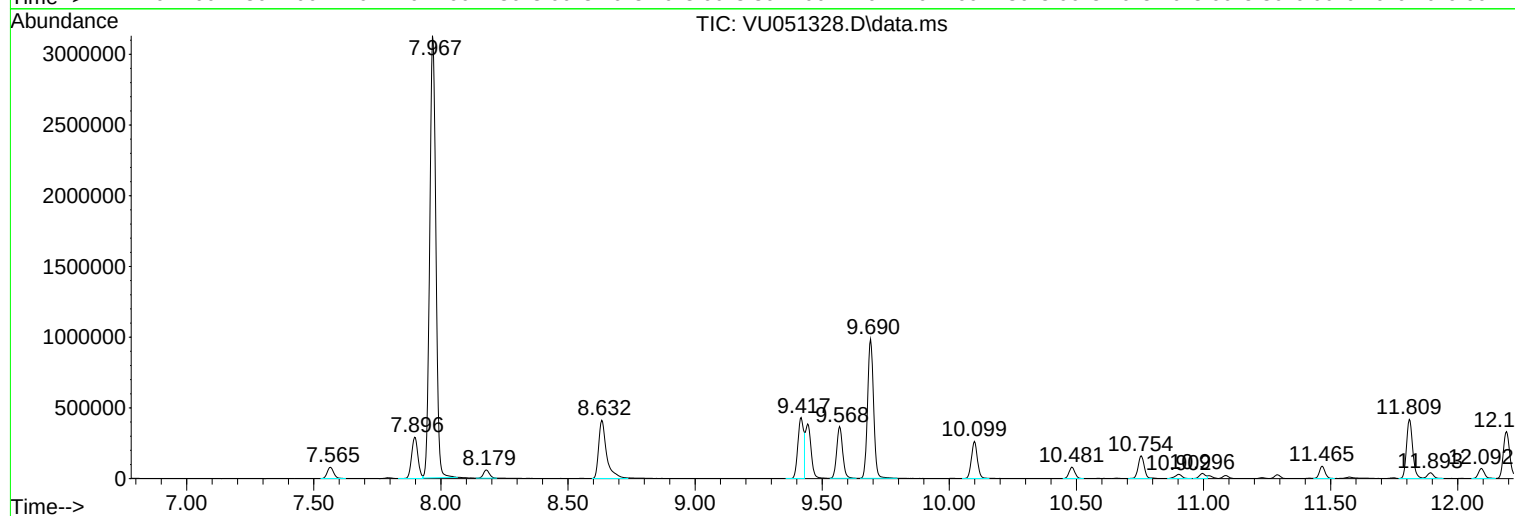
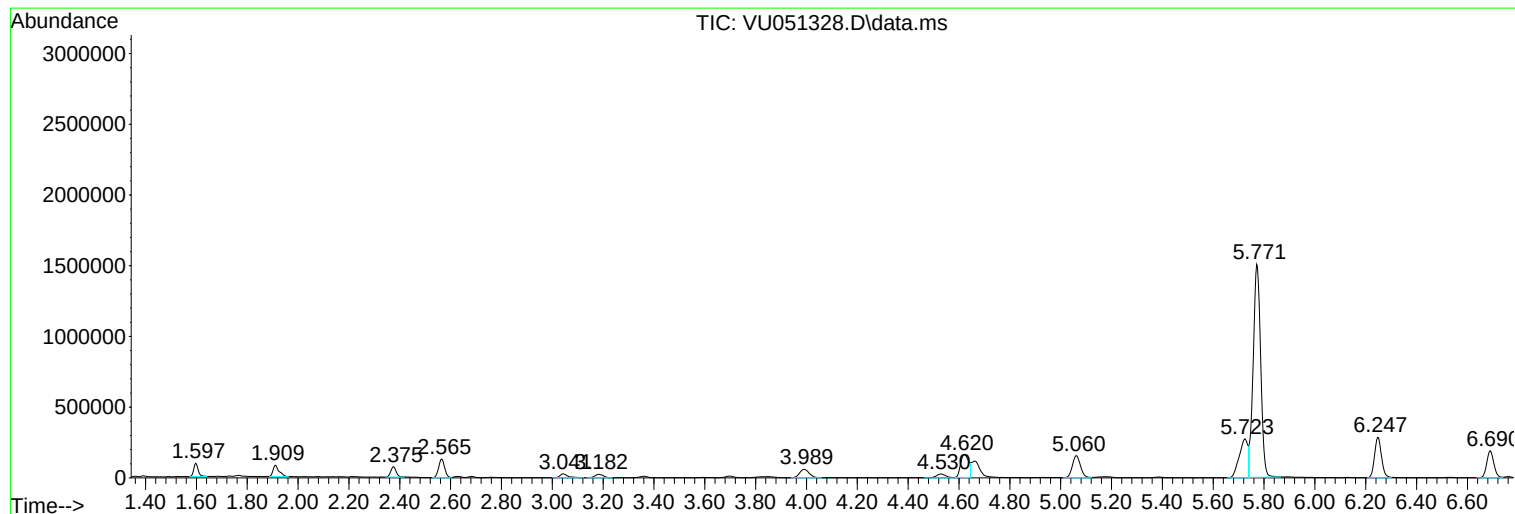
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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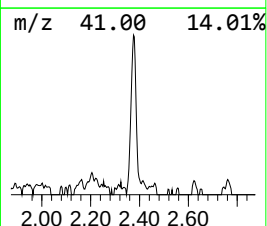
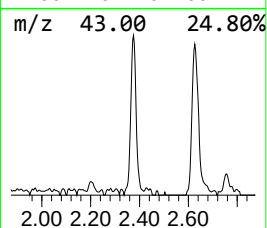
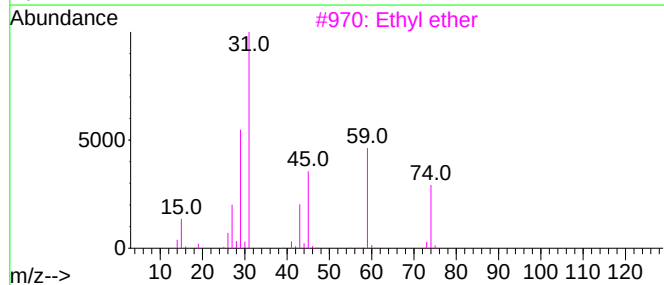
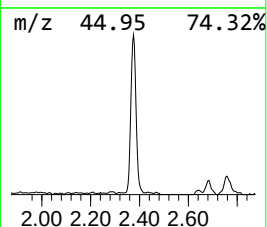
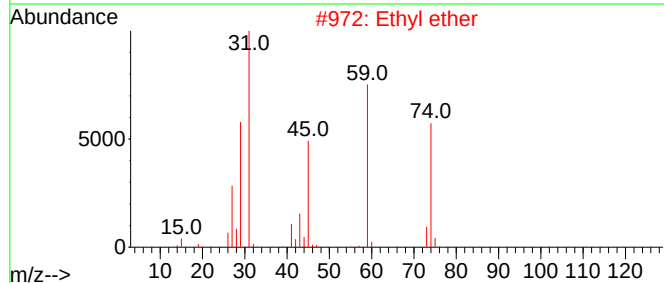
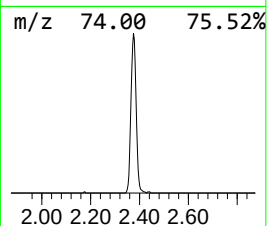
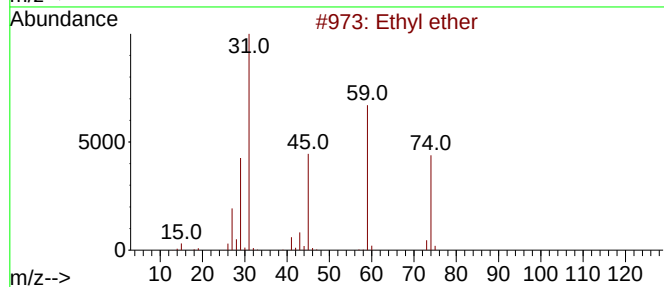
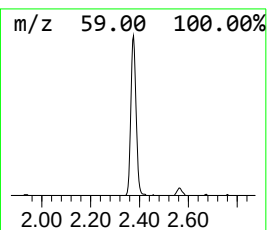
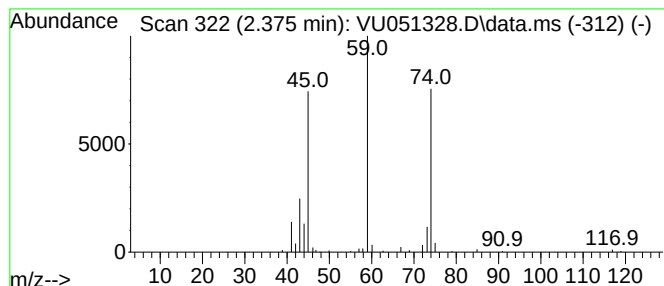
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Quant Title : TRACE VOA SFAM1.0

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	0.98 ug/L	106642	1,4-Difluorobenzene	6.250

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	Ethyl ether			74	C4H10O	000060-29-7	83
4	Ethyl ether			74	C4H10O	000060-29-7	78
5	Ethane, 1,2-diethoxy-			118	C6H14O2	000629-14-1	64



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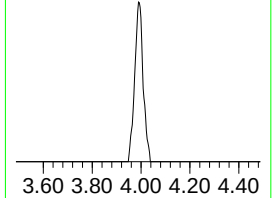
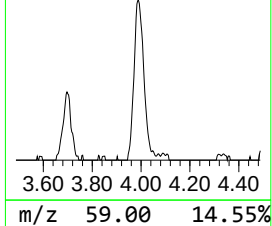
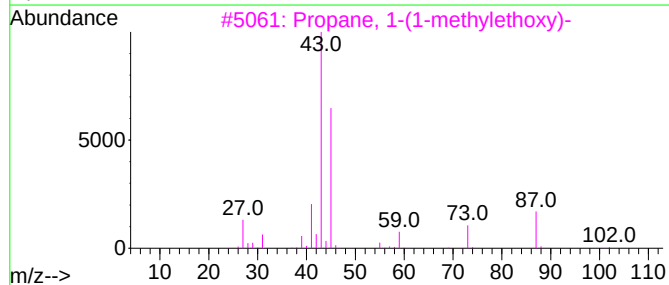
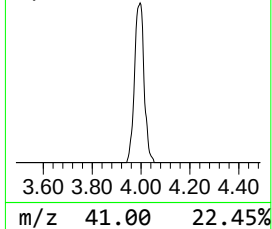
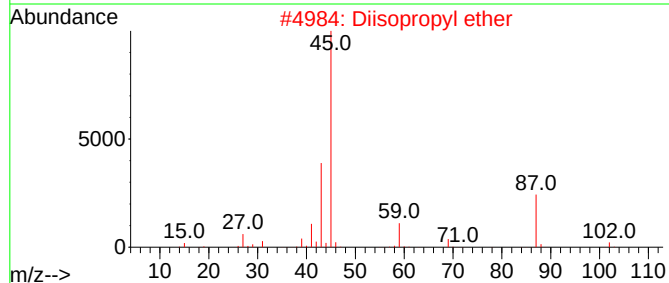
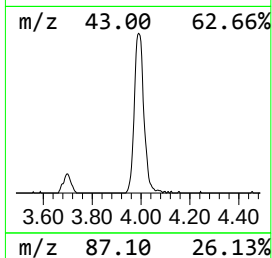
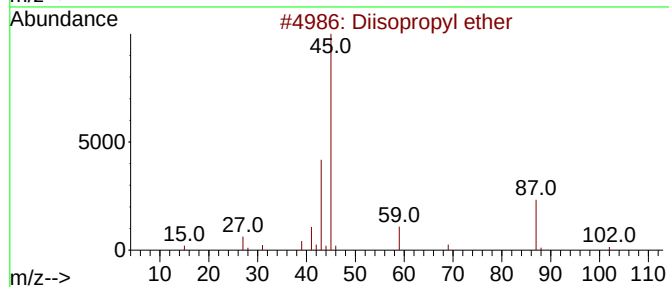
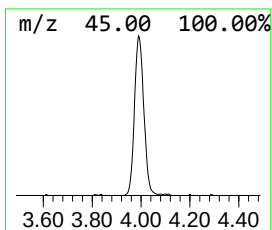
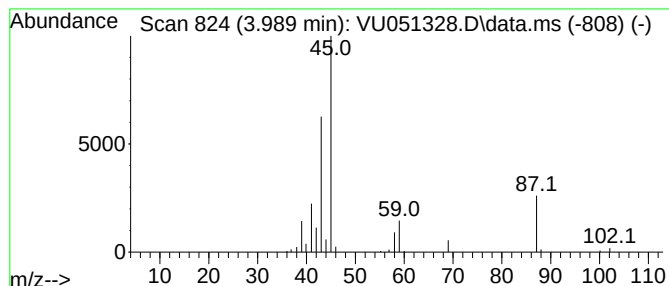
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.989	1.44 ug/L	156812	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	80
2			Diisopropyl ether	102	C6H14O	000108-20-3	72
3			Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	72
4			Diisopropyl ether	102	C6H14O	000108-20-3	64
5			Diisopropyl ether	102	C6H14O	000108-20-3	56



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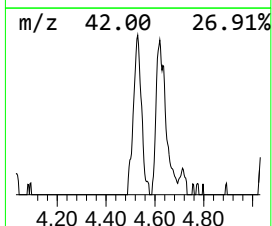
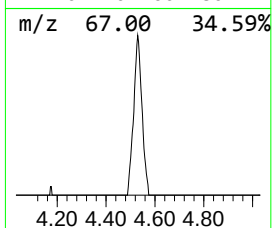
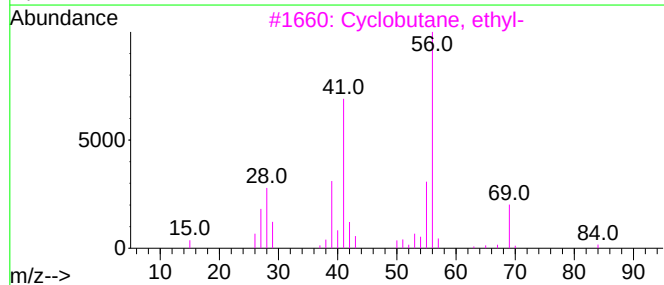
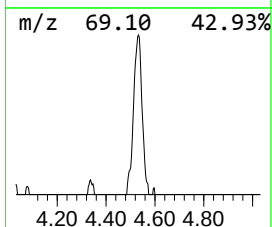
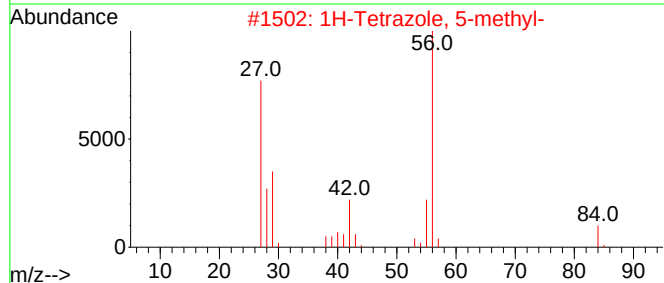
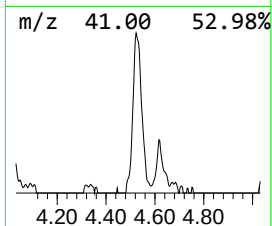
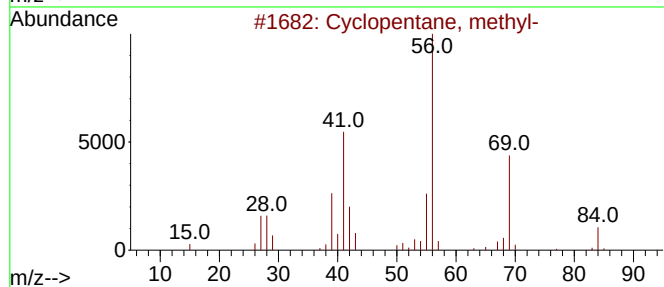
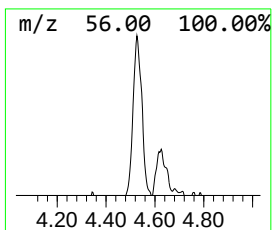
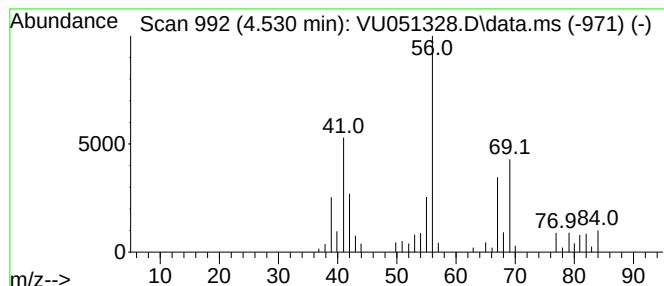
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic4.530 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	0.63 ug/L	68986	1,4-Difluorobenzene	6.250

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	74
2		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	52
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
4		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	40



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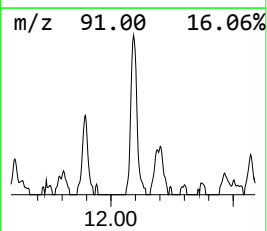
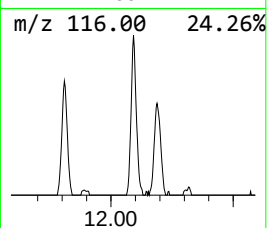
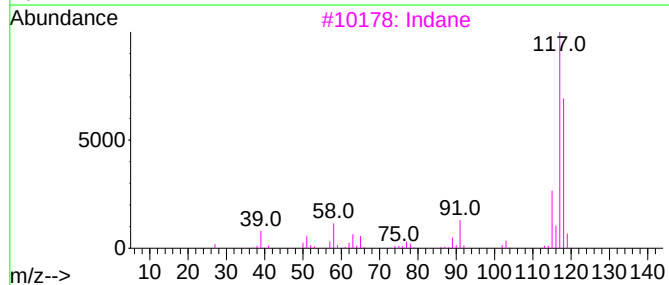
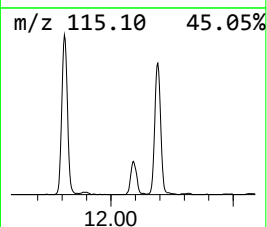
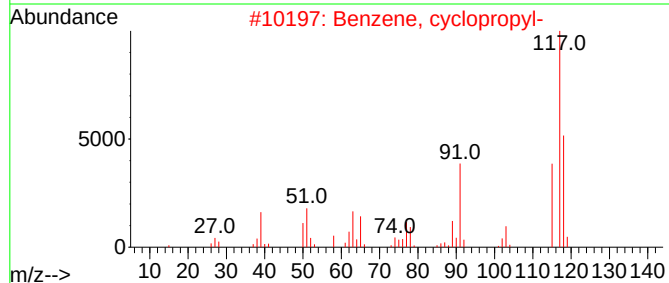
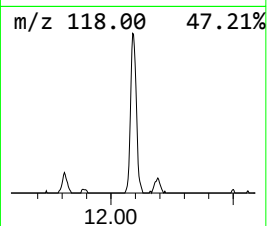
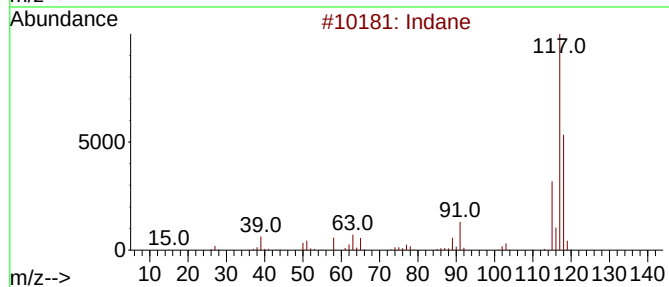
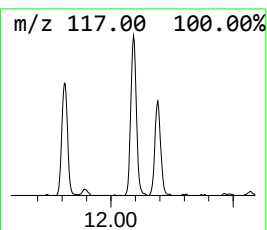
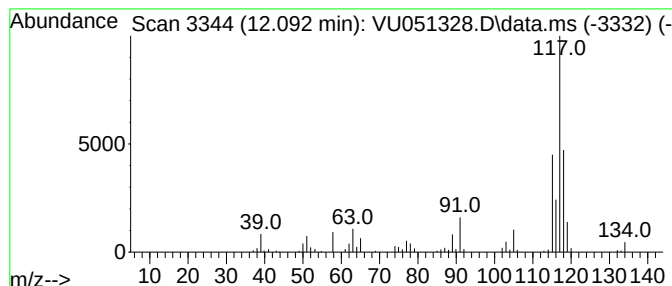
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	0.84 ug/L	117414	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	64
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
3			Indane	118	C9H10	000496-11-7	58
4			Deltacyclene	118	C9H10	007785-10-6	58
5			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl ether	2.375	1.0	ug/L	106642	1	6.250	543802	5.0
Diisopropyl ether	3.989	1.4	ug/L	156812	1	6.250	543802	5.0
(DEL) Alkane: C...	4.530	0.6	ug/L	68986	1	6.250	543802	5.0
Indane	12.092	0.8	ug/L	117414	3	11.809	695628	5.0