

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052764.D
 Acq On : 20 Jan 2023 16:42
 Operator : JC/MD
 Sample : 01216-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH206

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\SFAMUTR011023WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU052764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.012	2062	2075	2106	rVB	10058078	16793375	8.13%	3.465%
2	9.587	2551	2565	2584	rBV	2864476	4529843	2.19%	0.935%
3	9.710	2586	2603	2634	rVB	10764893	17486647	8.47%	3.608%
4	10.115	2717	2729	2756	rVB3	6227358	11682091	5.66%	2.410%
5	11.002	2992	3005	3023	rBV	1349632	3000272	1.45%	0.619%
6	11.092	3023	3033	3046	rVB	1601450	2410313	1.17%	0.497%
7	11.472	3132	3151	3163	rBV	5326069	8159529	3.95%	1.684%
8	11.735	3214	3233	3246	rBV	11997534	18820143	9.11%	3.883%
9	11.896	3270	3283	3293	rBV	1888552	2975267	1.44%	0.614%
10	12.099	3326	3346	3366	rBV	19971326	31887553	15.44%	6.579%
11	12.327	3393	3417	3429	rBV2	49191997	88190325	42.70%	18.196%
12	12.925	3576	3603	3612	rBV2	3200568	5622286	2.72%	1.160%
13	13.028	3624	3635	3645	rBV	7612822	14252383	6.90%	2.941%
14	13.452	3746	3767	3778	rBV3	2114037	3572437	1.73%	0.737%
15	13.626	3807	3821	3839	rBV	2616481	4279324	2.07%	0.883%
16	14.121	3948	3975	3986	rBV2	78168694	206526208	100.00%	42.613%
17	14.214	3993	4004	4019	rVB	11507331	18103252	8.77%	3.735%
18	15.221	4306	4317	4341	rVB	9905906	15485587	7.50%	3.195%
19	15.407	4362	4375	4405	rVB	6897191	10880238	5.27%	2.245%

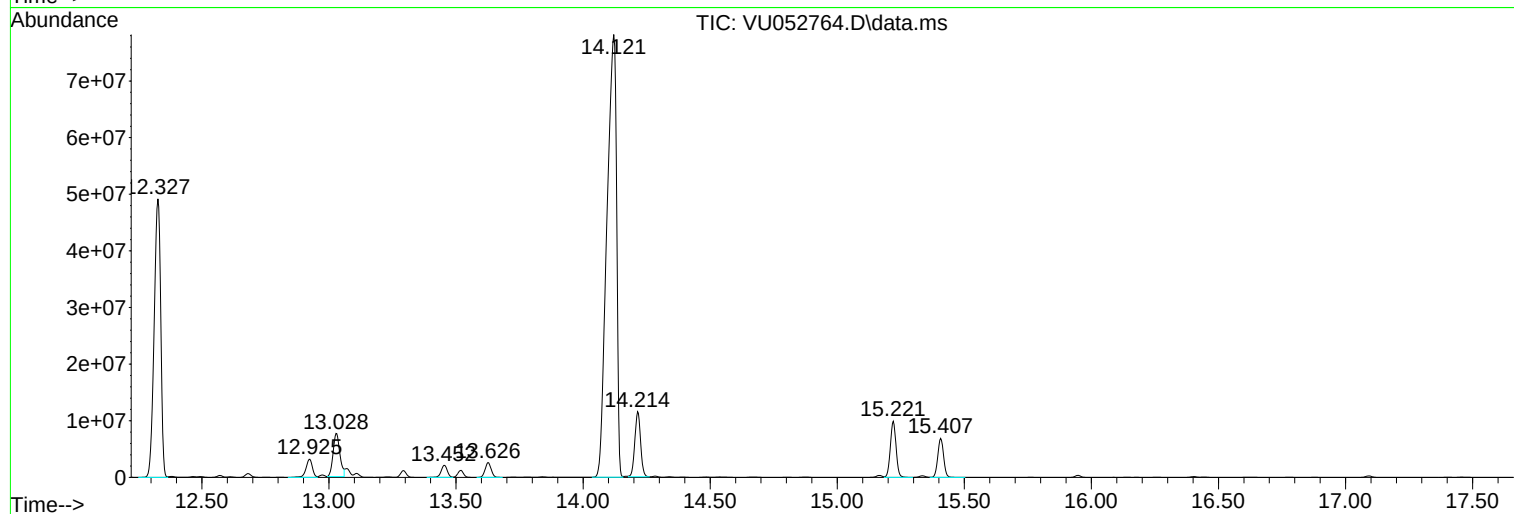
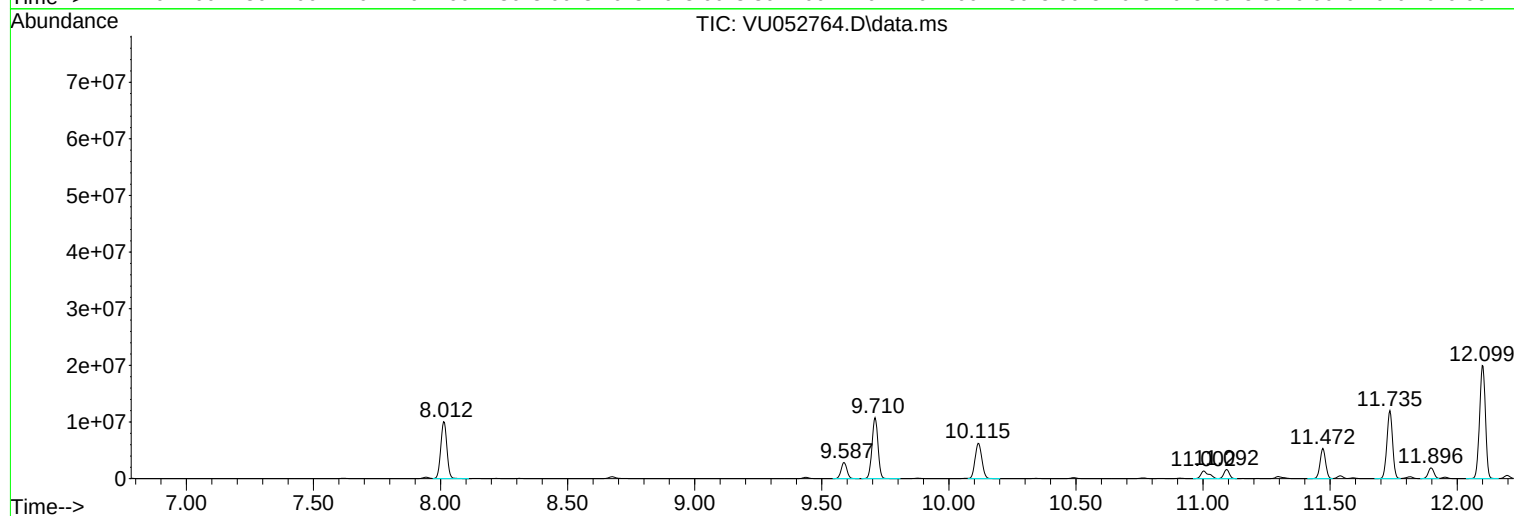
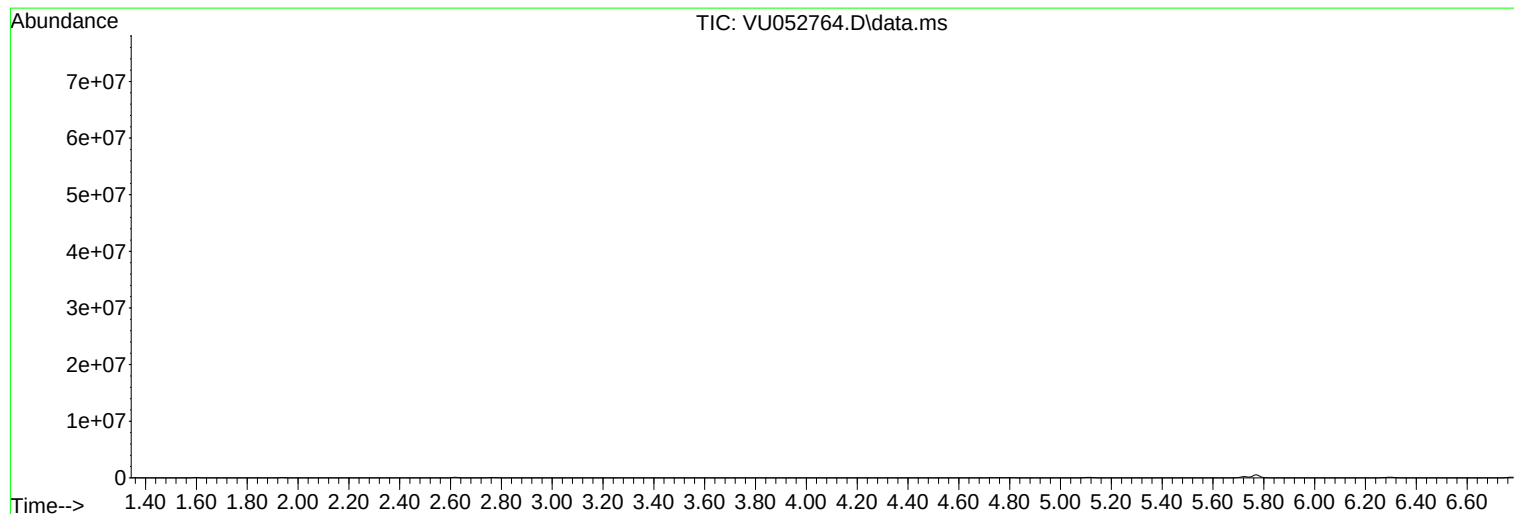
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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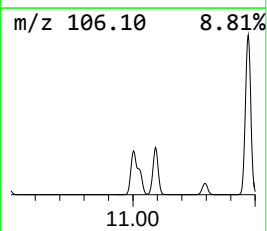
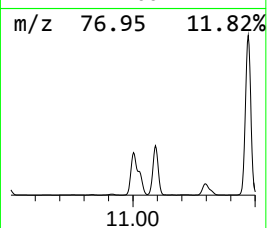
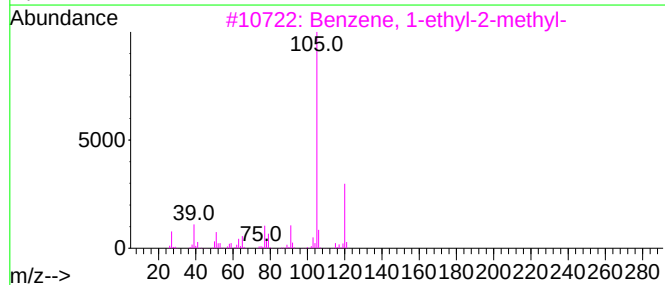
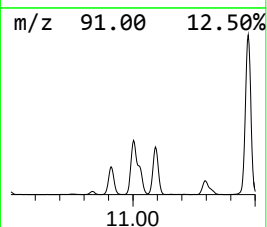
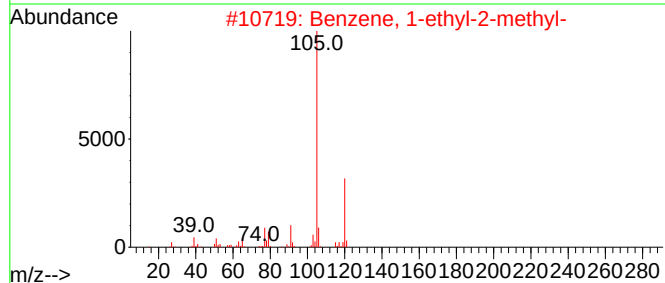
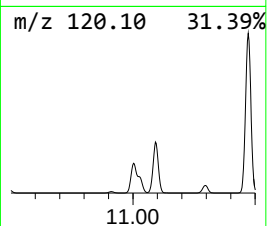
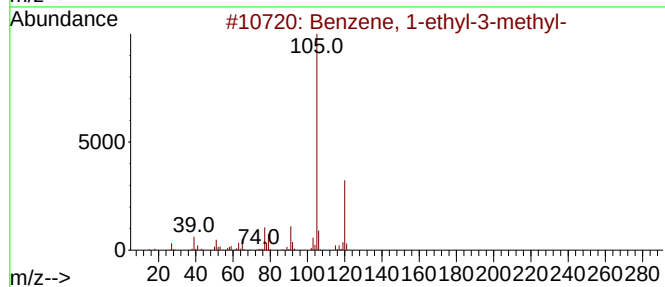
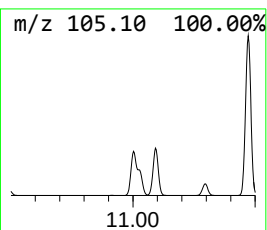
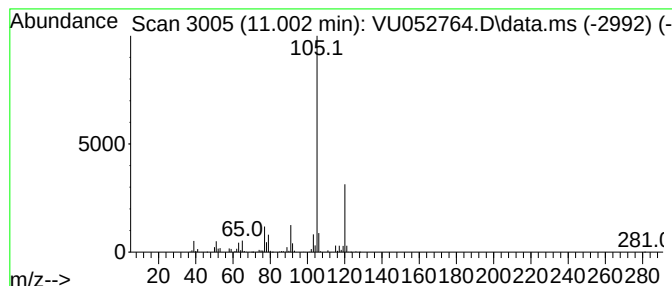
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.002	5.04 ug/L	3000270	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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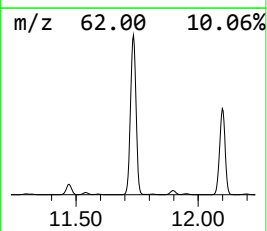
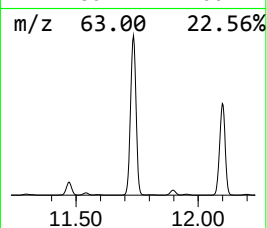
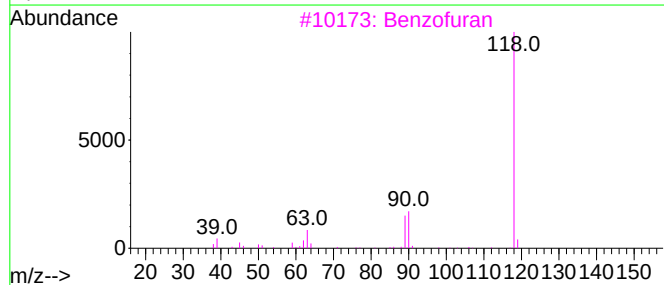
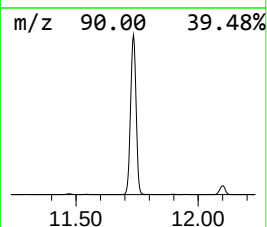
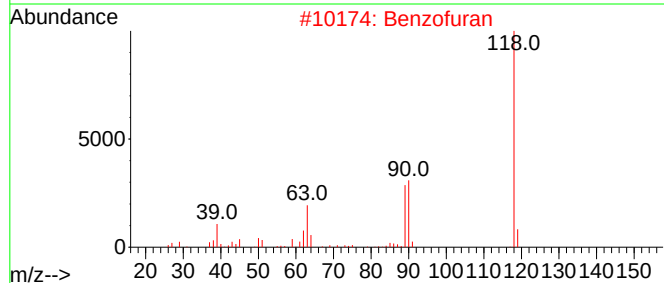
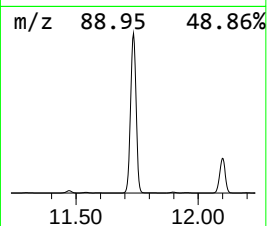
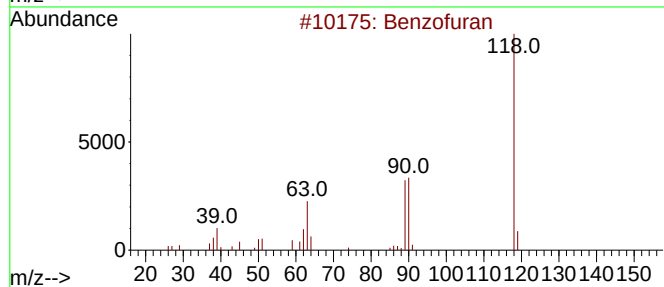
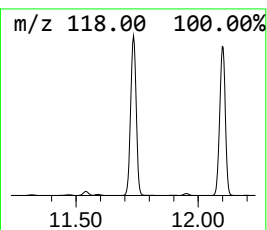
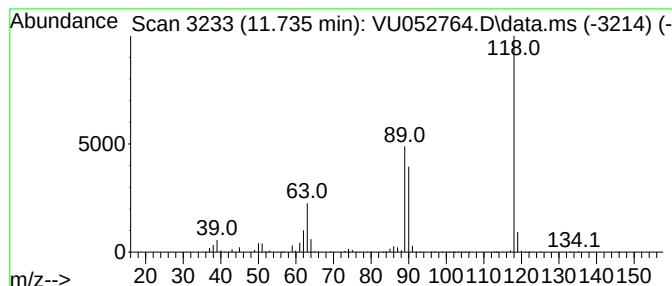
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.735	31.63 ug/L	18820100	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran	118	C8H6O	000271-89-6	93
2			Benzofuran	118	C8H6O	000271-89-6	91
3			Benzofuran	118	C8H6O	000271-89-6	90
4			Benzofuran	118	C8H6O	000271-89-6	87
5			2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	58



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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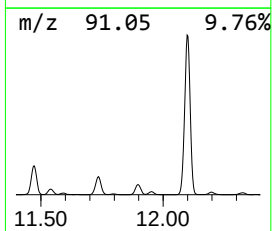
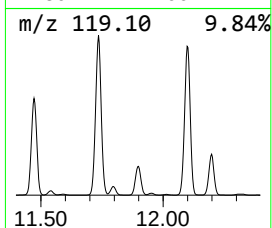
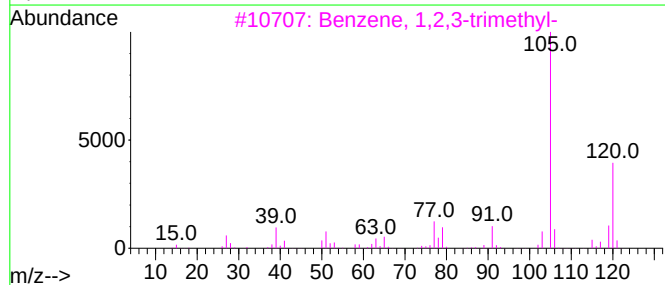
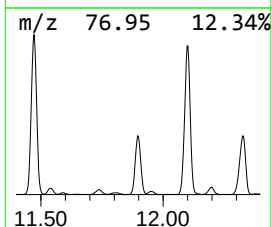
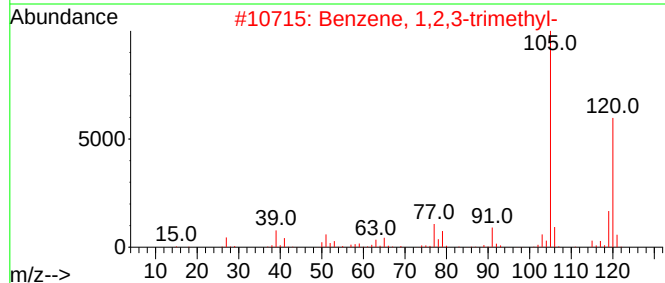
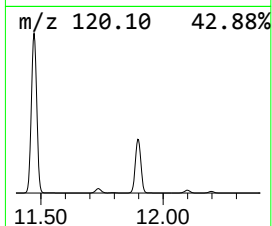
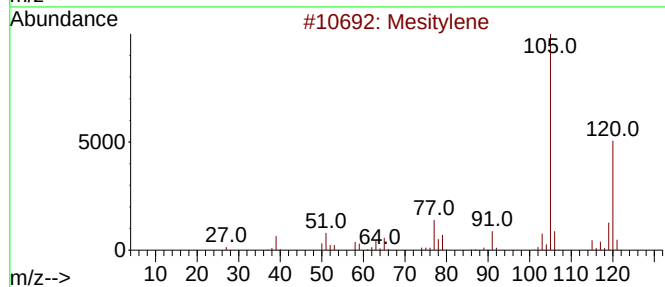
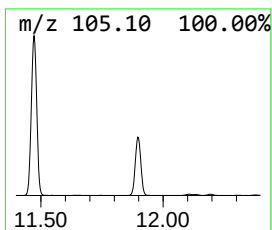
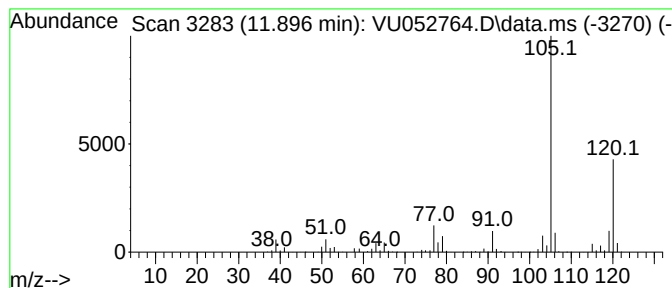
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	5.00 ug/L	2975270	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Mesitylene	120	C9H12	000108-67-8	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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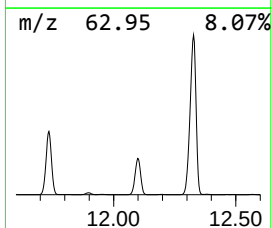
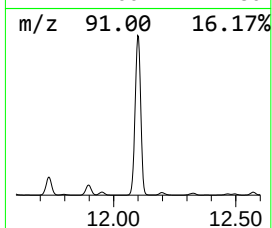
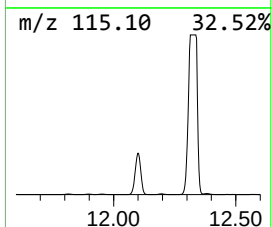
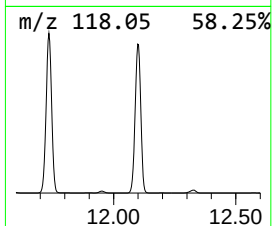
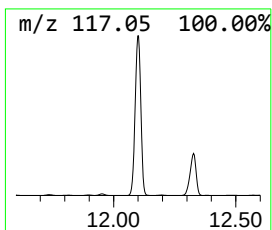
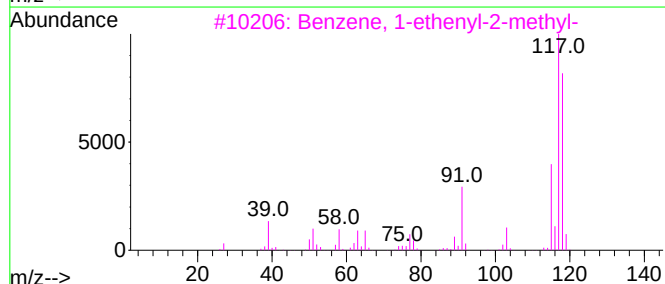
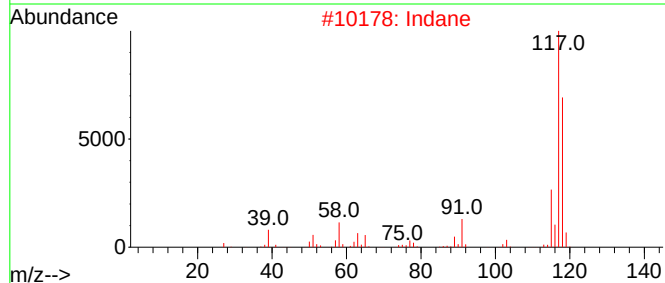
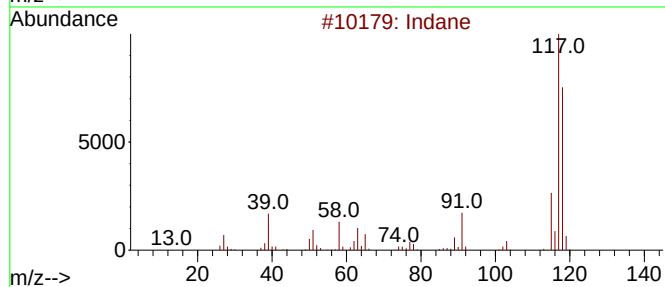
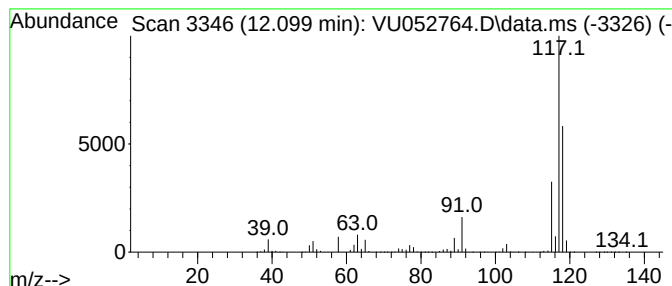
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	53.59 ug/L	31887600	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	91
2	Indane			118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	87
4	Indane			118	C9H10	000496-11-7	87
5	Benzene, 2-propenyl-			118	C9H10	000300-57-2	83



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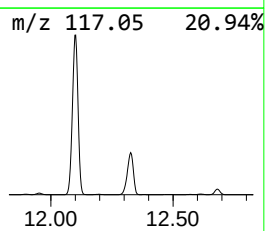
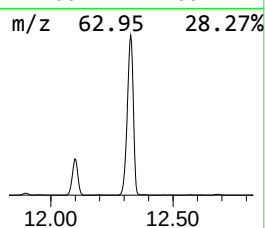
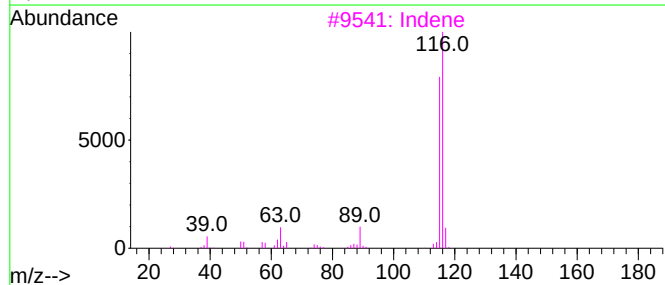
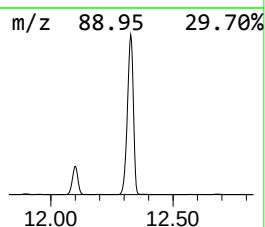
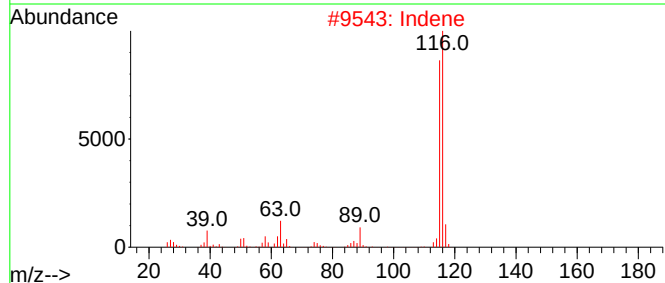
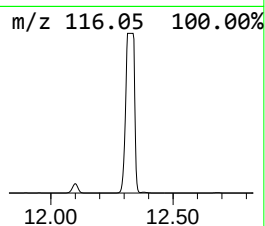
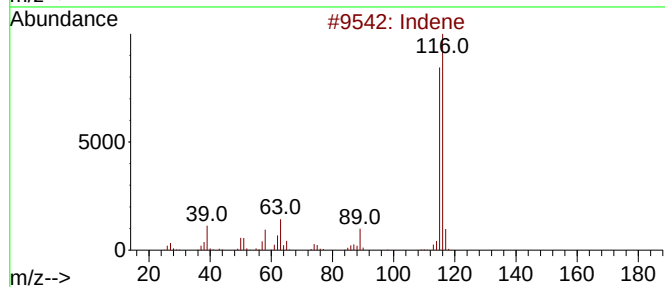
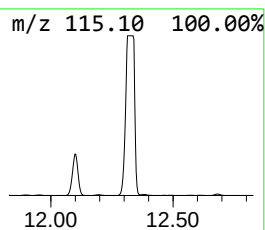
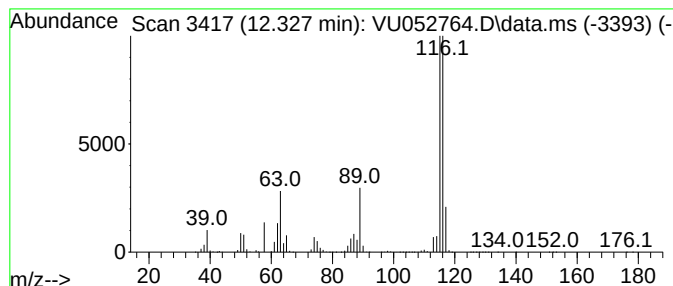
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	148.21 ug/L	88190300	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Indene	116	C9H8	000095-13-6	95
3			Indene	116	C9H8	000095-13-6	94
4			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	93
5			Benzene, 1-propynyl-	116	C9H8	000673-32-5	87



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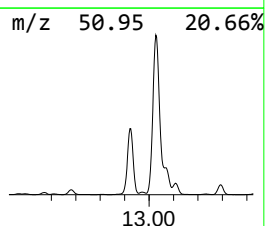
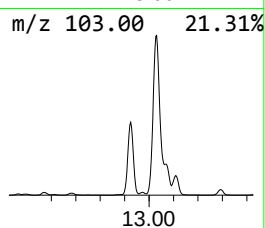
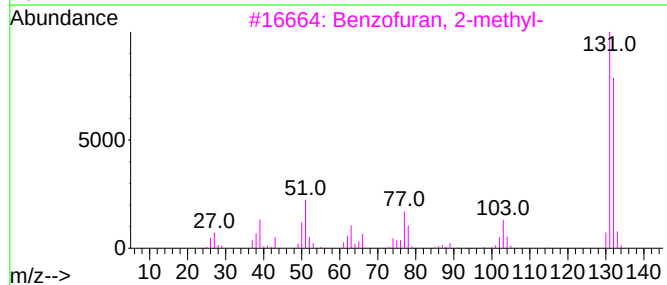
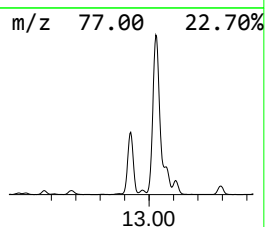
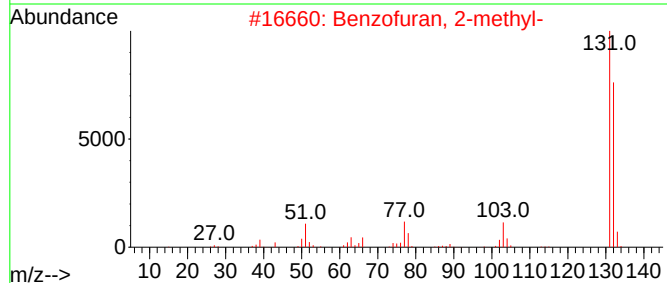
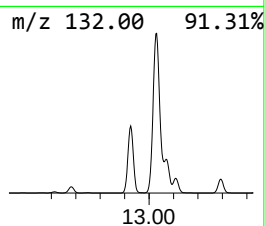
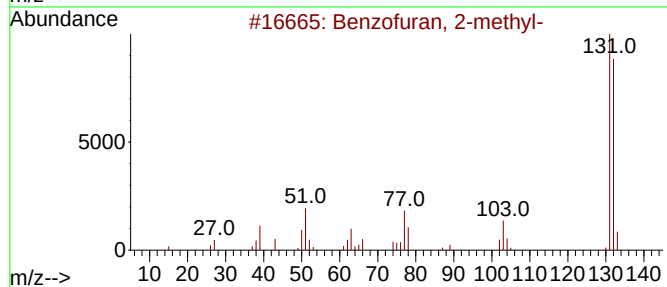
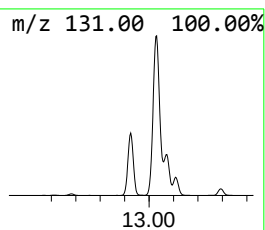
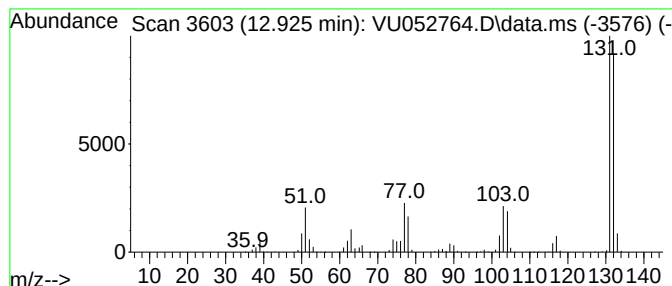
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzo[1,2-b:4,5-b']difuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.925	9.45 ug/L	5622290	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[1,2-b:4,5-b']difuran, 2-methyl-	132	C9H8O	004265-25-2	93
2			Benzo[1,2-b:4,5-b']difuran, 2-methyl-	132	C9H8O	004265-25-2	93
3			Benzo[1,2-b:4,5-b']difuran, 2-methyl-	132	C9H8O	004265-25-2	93
4			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5			1H-Indenol	132	C9H8O	056631-57-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
Acq On : 20 Jan 2023 16:42
Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH206

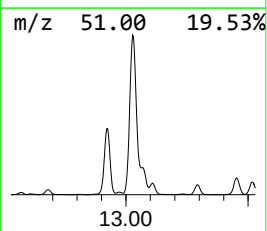
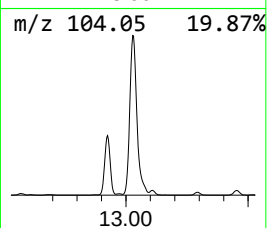
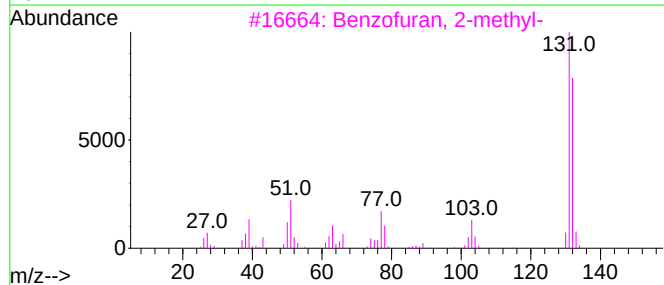
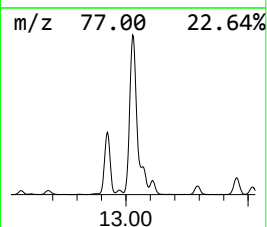
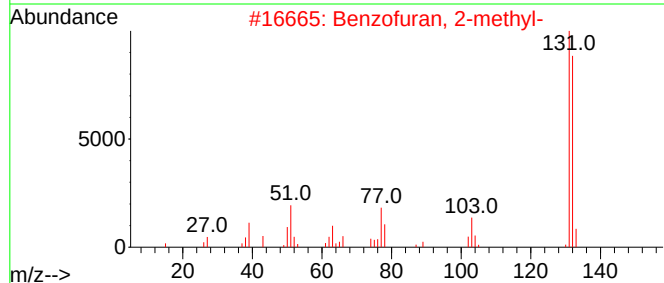
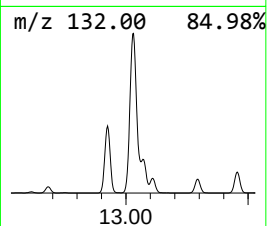
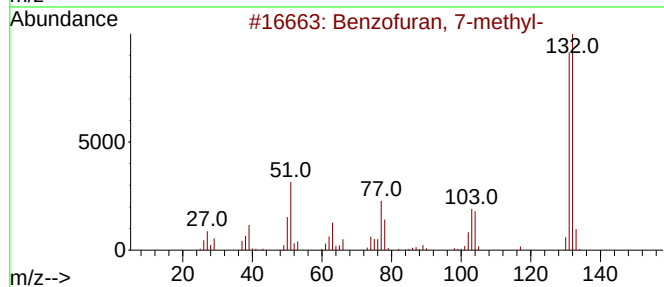
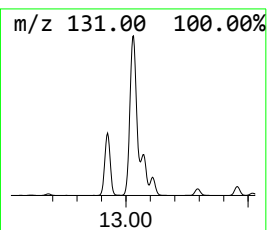
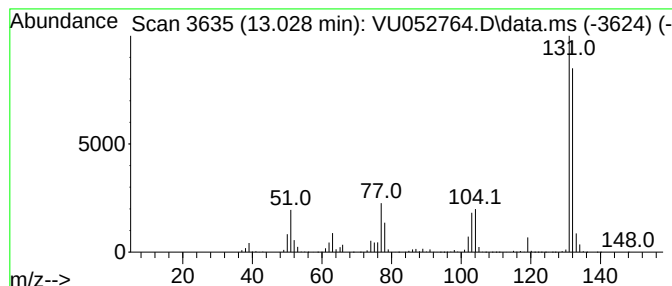
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	23.95 ug/L	14252400	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
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Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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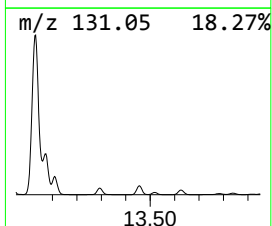
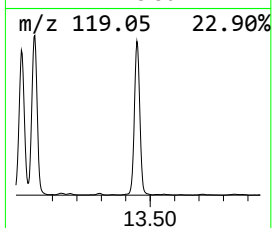
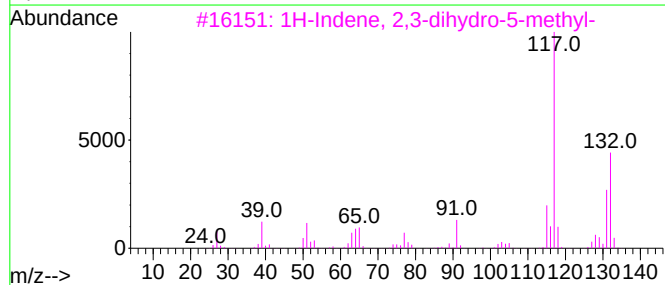
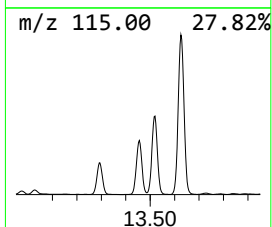
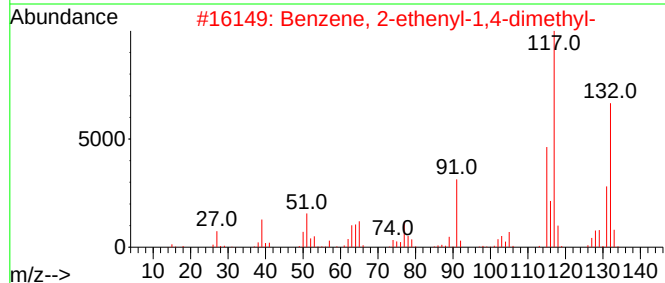
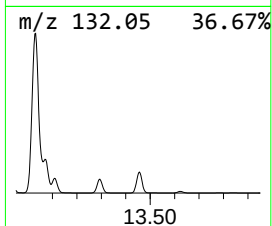
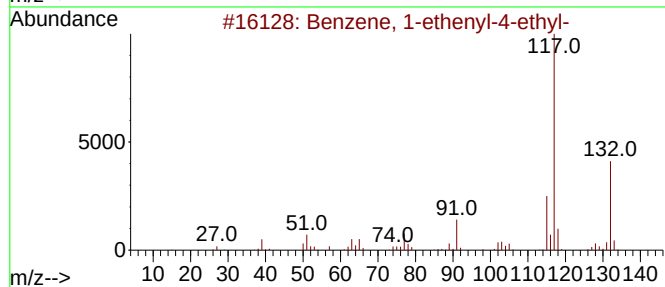
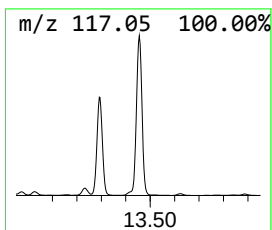
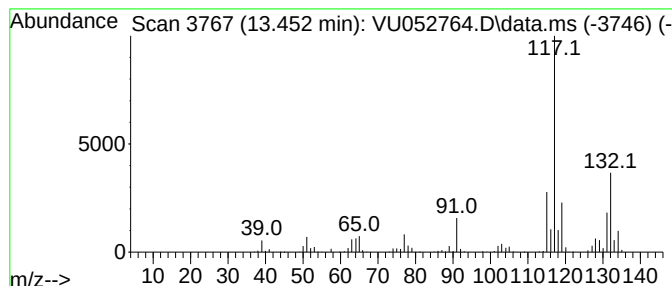
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	6.00 ug/L	3572440	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
Acq On : 20 Jan 2023 16:42
Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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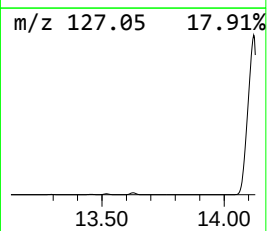
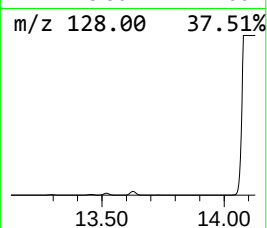
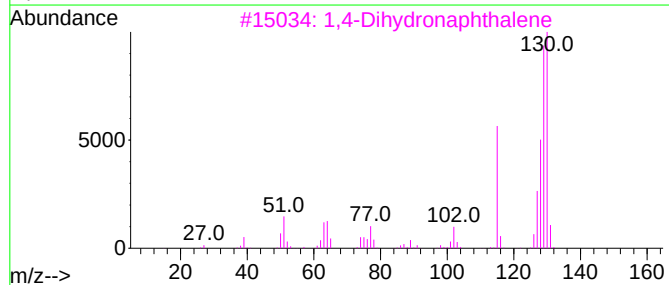
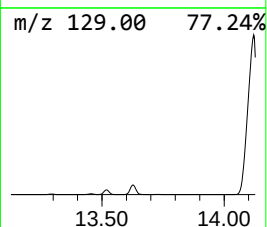
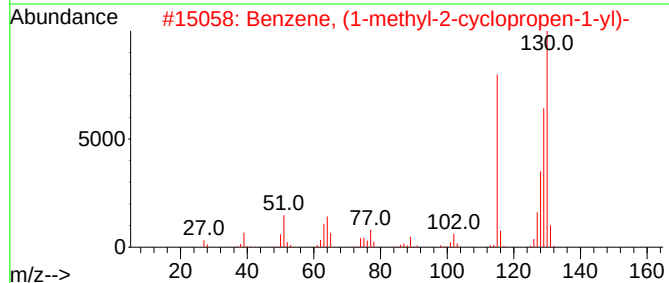
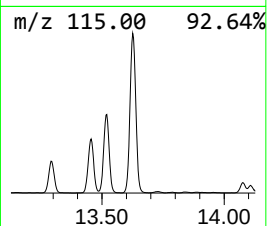
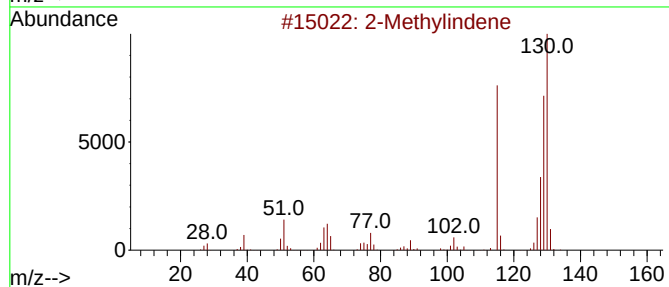
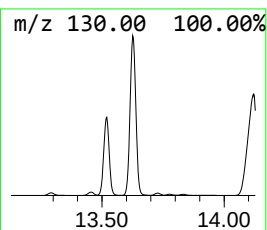
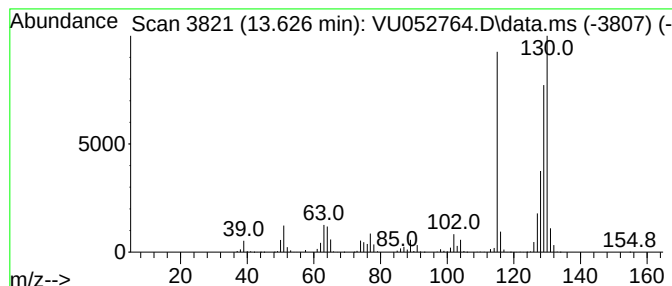
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.626	7.19 ug/L	4279320	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	97
3			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
Acq On : 20 Jan 2023 16:42
Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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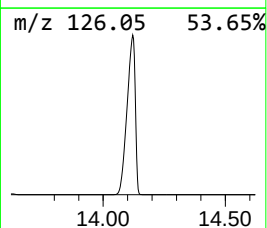
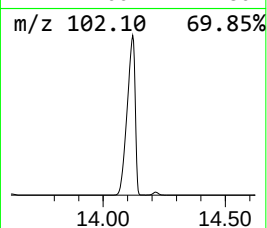
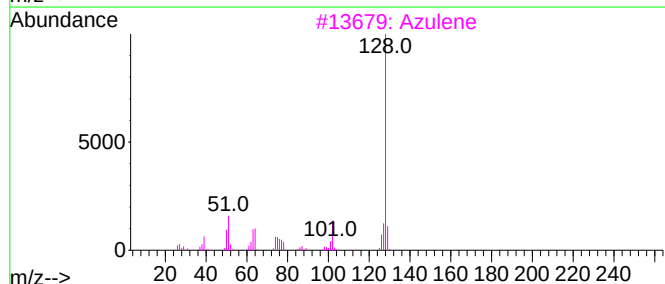
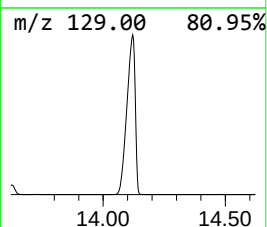
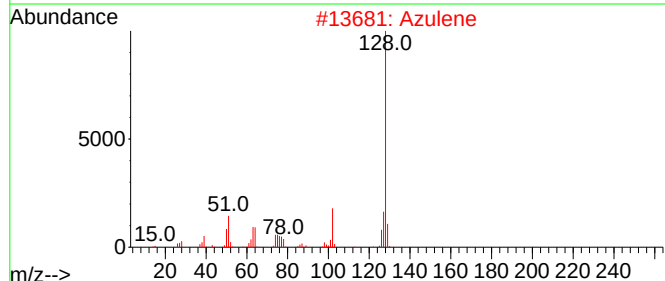
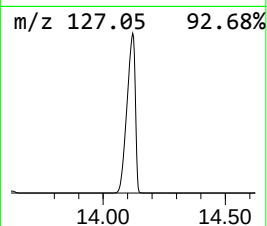
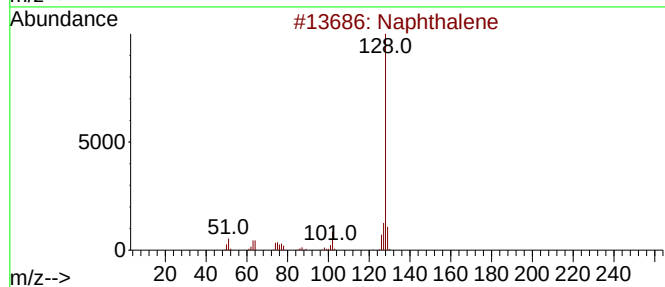
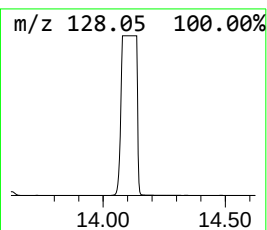
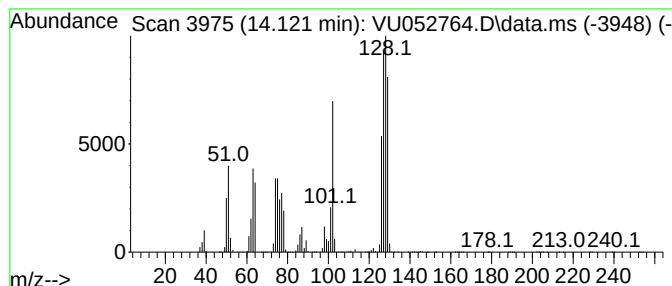
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.121	347.07 ug/L	206526000	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	92
3			Azulene	128	C10H8	000275-51-4	91
4			Naphthalene	128	C10H8	000091-20-3	72
5			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
Acq On : 20 Jan 2023 16:42
Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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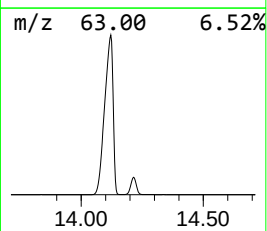
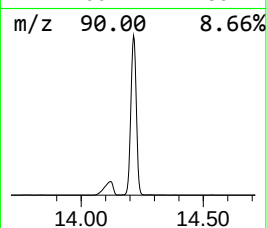
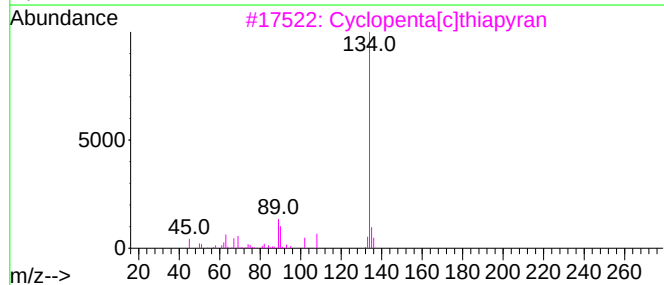
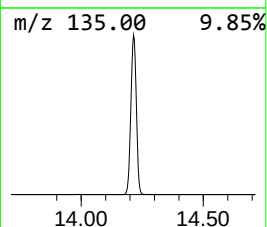
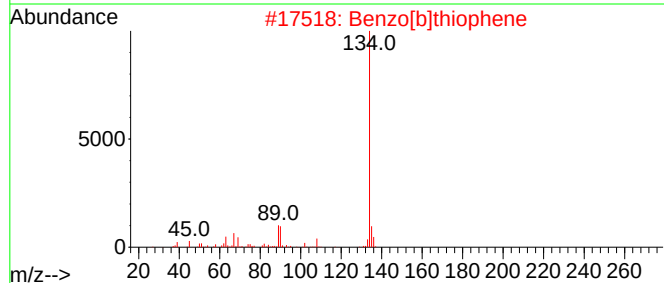
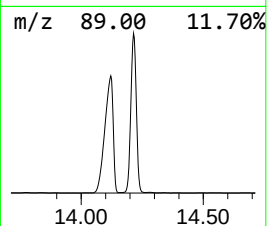
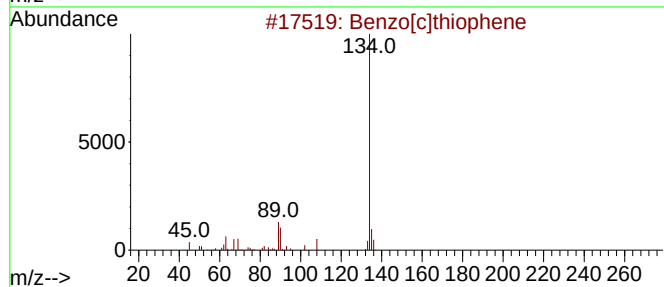
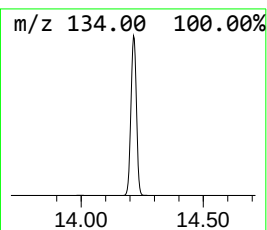
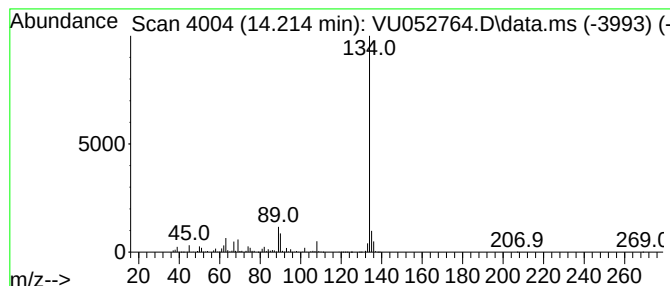
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.214	30.42 ug/L	18103300	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052764.D
Acq On : 20 Jan 2023 16:42
Operator : JC/MD
Sample : 01216-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH206

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzofuran	11.735	31.6	ug/L	18820100	3	11.816	2975270	5.0
Benzene, 1,2,3-...	11.896	5.0	ug/L	2975270	3	11.816	2975270	5.0
Indane	12.099	53.6	ug/L	31887600	3	11.816	2975270	5.0
Indene	12.327	148.2	ug/L	88190300	3	11.816	2975270	5.0
Benzofuran, 2-m...	12.925	9.4	ug/L	5622290	3	11.816	2975270	5.0
Benzofuran, 7-m...	13.028	23.9	ug/L	14252400	3	11.816	2975270	5.0
Benzene, 1-ethe...	13.452	6.0	ug/L	3572440	3	11.816	2975270	5.0
2-Methylindene	13.626	7.2	ug/L	4279320	3	11.816	2975270	5.0
Azulene	14.121	347.1	ug/L	206526000	3	11.816	2975270	5.0
Benzo[c]thiophene	14.214	30.4	ug/L	18103300	3	11.816	2975270	5.0