

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051303.D
 Acq On : 09 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5013-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA39

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: VU051303.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	70	80	90	rBV	94918	129549	1.82%	0.563%
2	1.909	170	177	199	rVB2	86126	144916	2.03%	0.629%
3	2.375	312	322	343	rVB	389521	572574	8.03%	2.487%
4	2.565	369	381	394	rBV	139547	228750	3.21%	0.994%
5	3.359	609	628	647	rBV2	66765	152058	2.13%	0.660%
6	3.697	719	733	753	rVB2	49549	112070	1.57%	0.487%
7	3.989	804	824	850	rBV	550651	1436368	20.14%	6.239%
8	4.530	973	992	1008	rBV2	95610	235740	3.31%	1.024%
9	4.620	1008	1020	1059	rVV	160910	420776	5.90%	1.828%
10	5.060	1139	1157	1192	rVB	175710	410493	5.76%	1.783%
11	5.726	1341	1364	1367	rBV2	310400	682500	9.57%	2.964%
12	5.771	1367	1378	1409	rVB	3509256	7131653	100.00%	30.976%
13	6.247	1511	1526	1553	rVB	260895	506188	7.10%	2.199%
14	6.690	1649	1664	1678	rBV2	195016	388653	5.45%	1.688%
15	7.565	1922	1936	1949	rBV	88094	156907	2.20%	0.682%
16	7.896	2017	2039	2051	rBV	322235	561155	7.87%	2.437%
17	7.970	2051	2062	2076	rVB	166665	288460	4.04%	1.253%
18	8.179	2116	2127	2142	rBV	56813	97376	1.37%	0.423%
19	8.632	2255	2268	2303	rBV2	434807	924438	12.96%	4.015%
20	9.446	2499	2521	2550	rBV2	1288177	2747865	38.53%	11.935%
21	9.568	2550	2559	2579	rVB2	57166	131463	1.84%	0.571%
22	9.690	2584	2597	2614	rBV	918630	1453459	20.38%	6.313%
23	10.098	2710	2724	2752	rVB	429681	702663	9.85%	3.052%
24	10.484	2830	2844	2856	rBV	200837	324859	4.56%	1.411%
25	10.754	2911	2928	2938	rBV	180395	303561	4.26%	1.318%
26	10.896	2956	2972	2989	rBV3	117017	261611	3.67%	1.136%
27	10.996	2992	3003	3010	rBV2	54159	100234	1.41%	0.435%
28	11.291	3084	3095	3113	rVB	105869	171868	2.41%	0.746%
29	11.468	3140	3150	3167	rVB2	112057	179668	2.52%	0.780%
30	11.812	3244	3257	3272	rBV2	399649	734075	10.29%	3.188%
31	11.893	3273	3282	3295	rVB	118635	199447	2.80%	0.866%
32	12.095	3329	3345	3362	rBV3	160325	274579	3.85%	1.193%
33	12.192	3362	3375	3399	rVB2	394517	743219	10.42%	3.228%
34	14.089	3953	3965	3986	rVB	60387	114214	1.60%	0.496%

Sum of corrected areas: 23023409

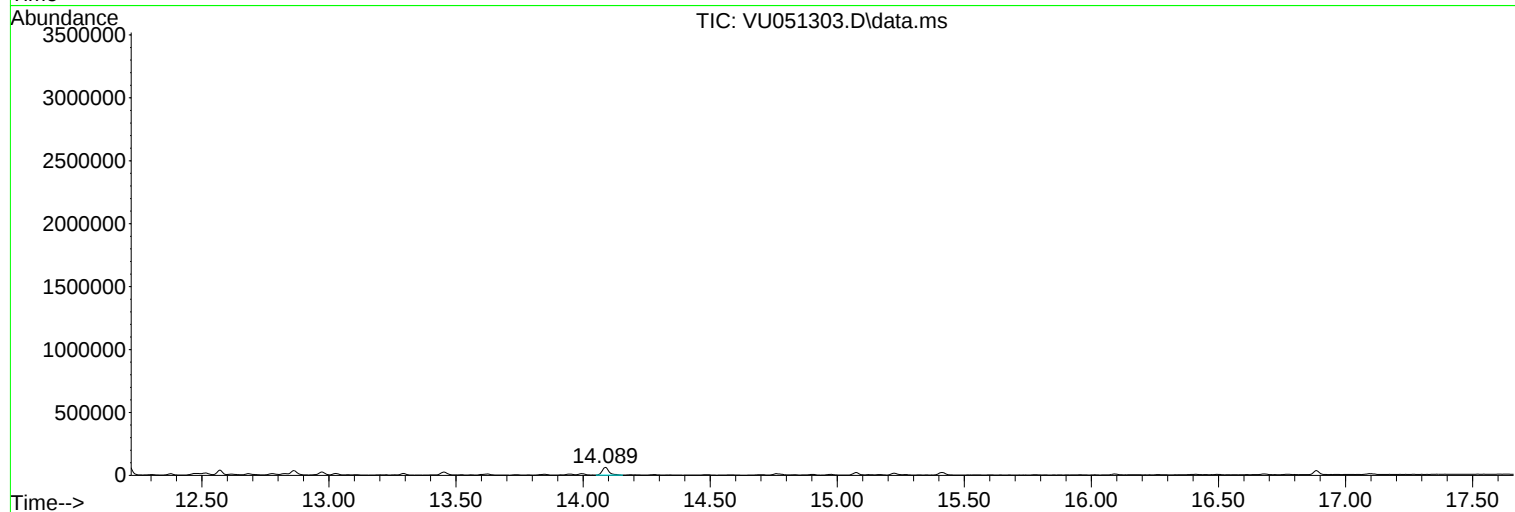
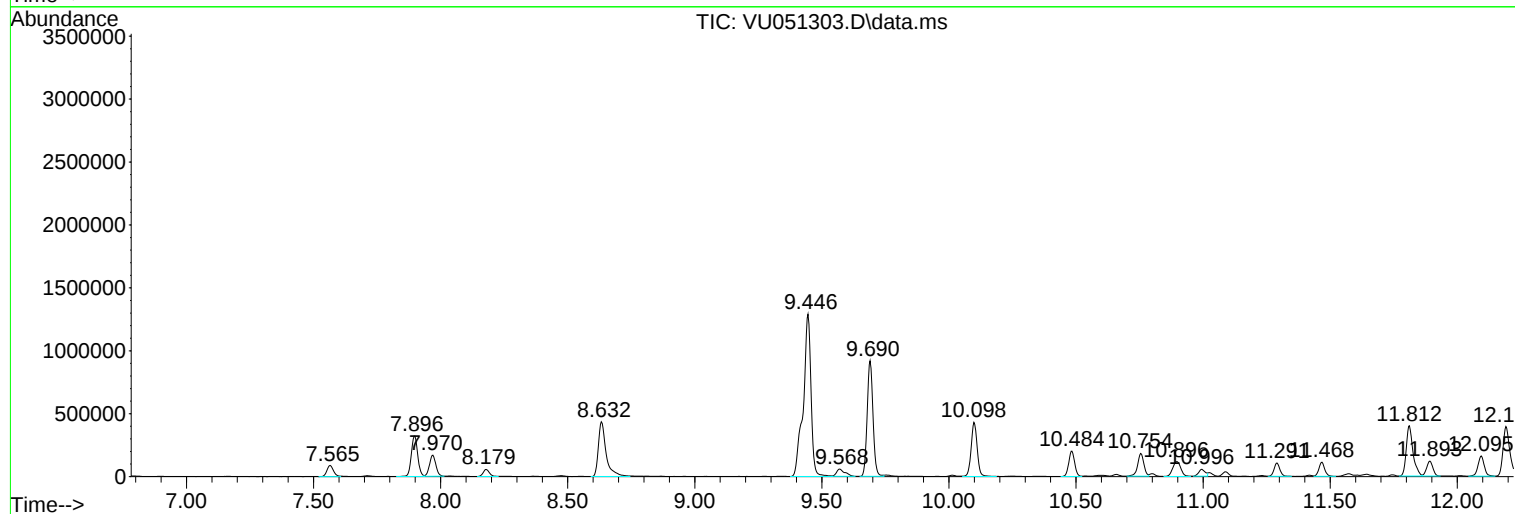
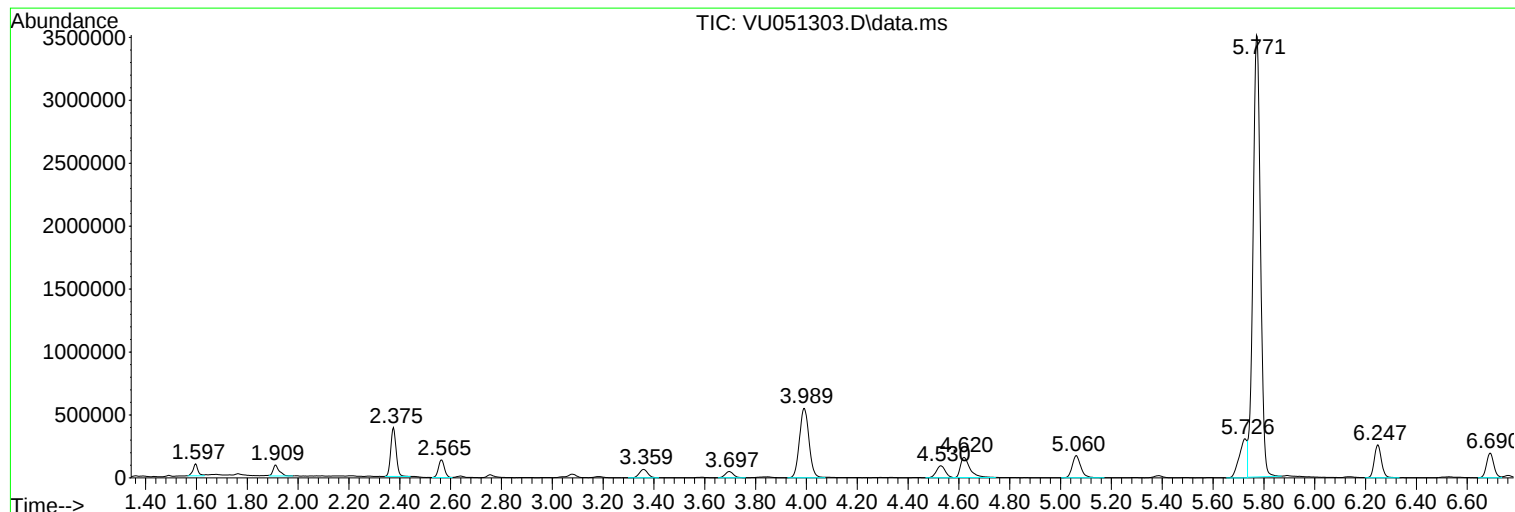
Instrument :
MSVOA_U
ClientSampleId :
BHA39

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

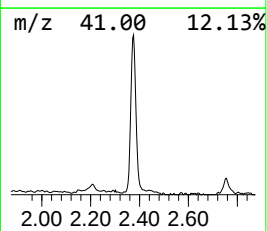
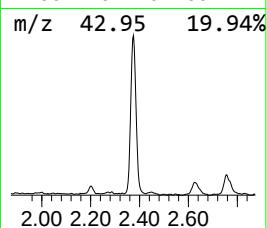
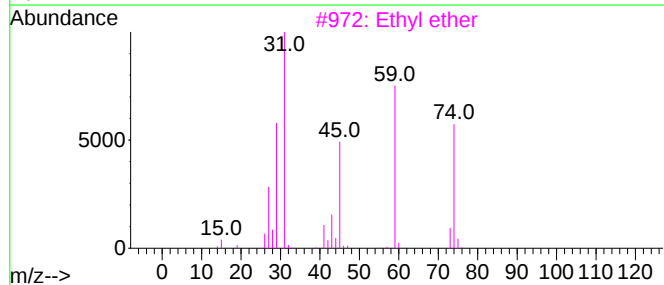
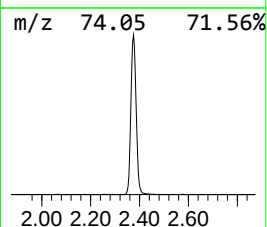
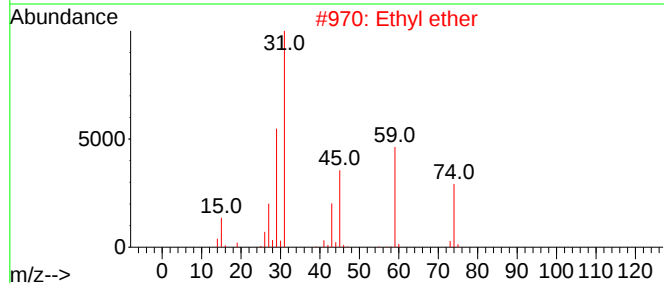
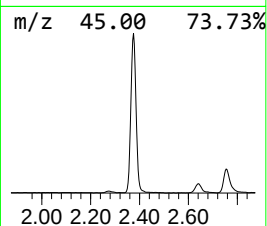
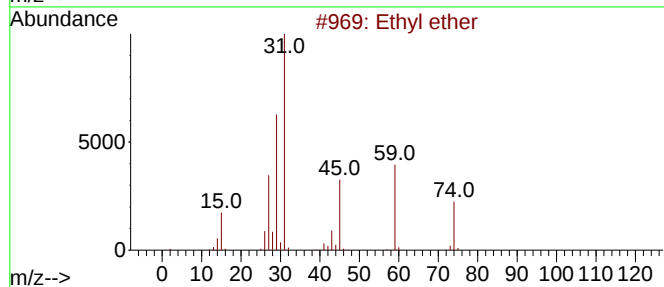
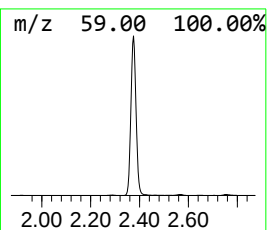
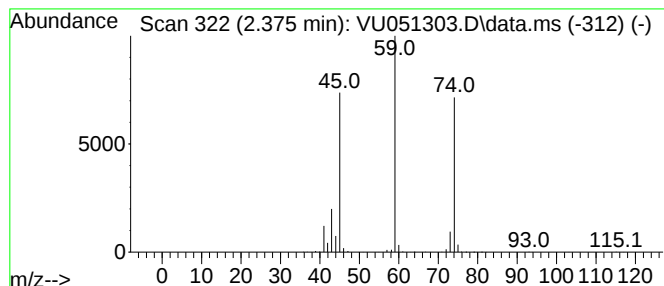
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.375	5.66 ug/L	572574	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	Ethyl ether			74	C4H10O	000060-29-7	90
5	Ethane, 1,2-diethoxy-			118	C6H14O2	000629-14-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

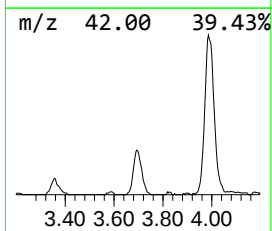
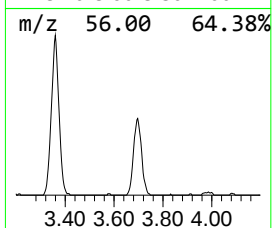
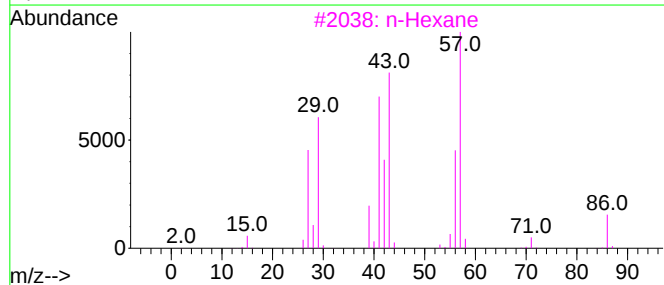
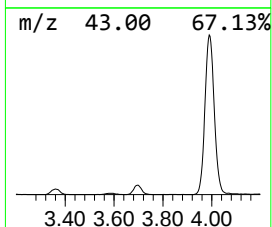
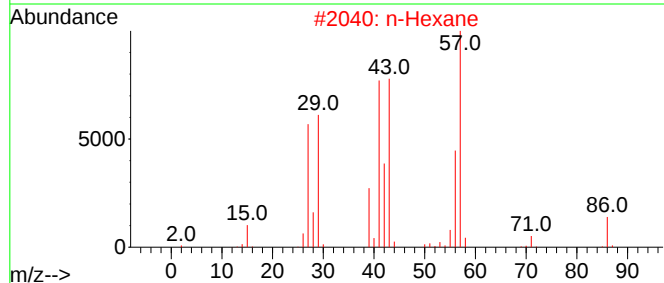
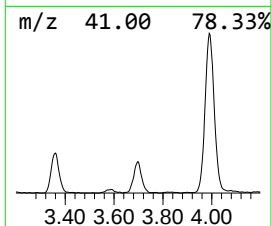
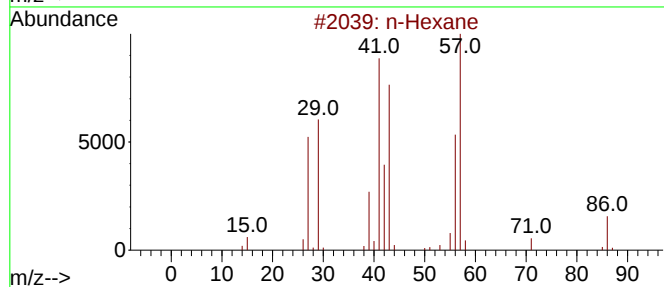
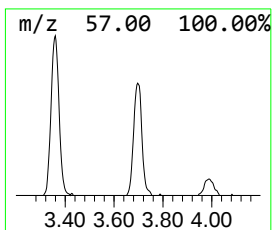
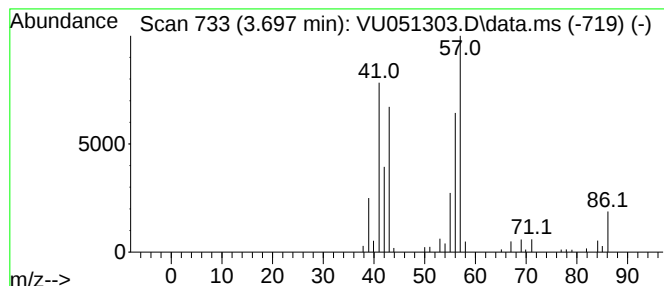
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	1.11 ug/L	112070	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	87
2	n-Hexane		86	C6H14	000110-54-3	72
3	n-Hexane		86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane		86	C5H10O	1010386-40-2	64
5	n-Hexane		86	C6H14	000110-54-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

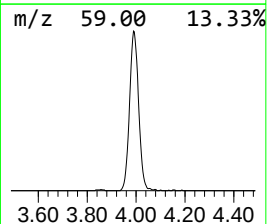
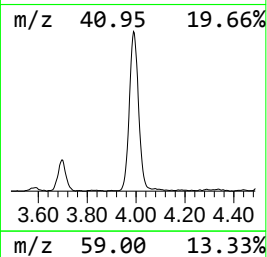
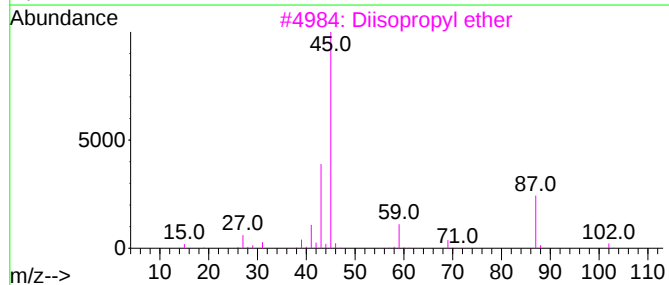
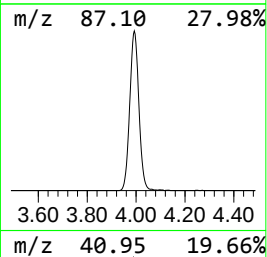
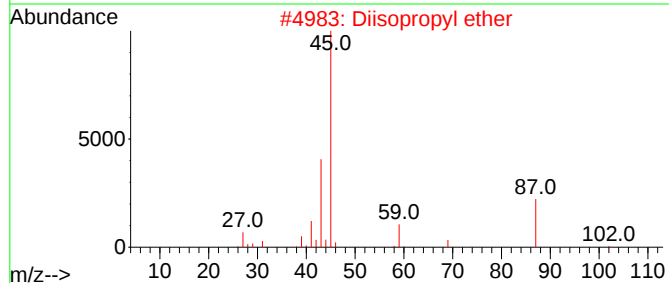
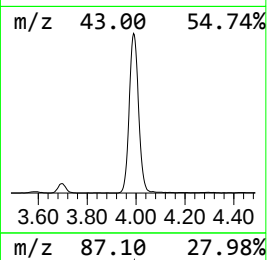
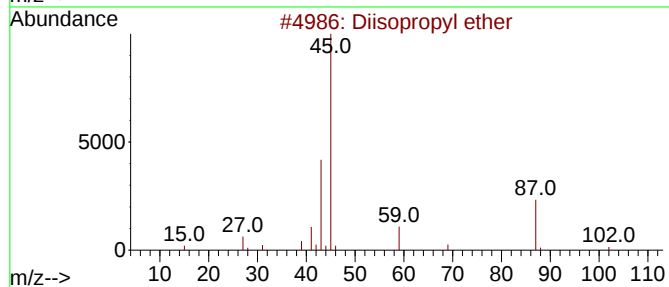
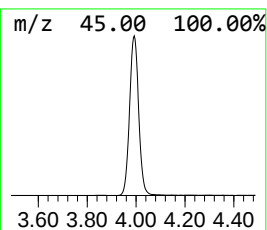
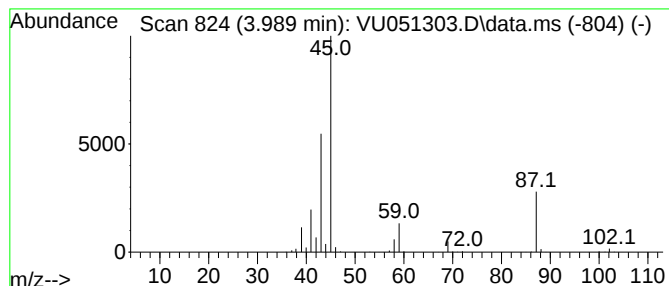
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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	14.19 ug/L	1436370	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	78
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	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

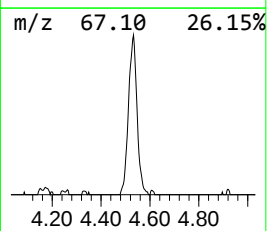
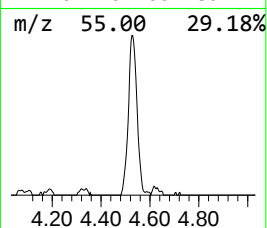
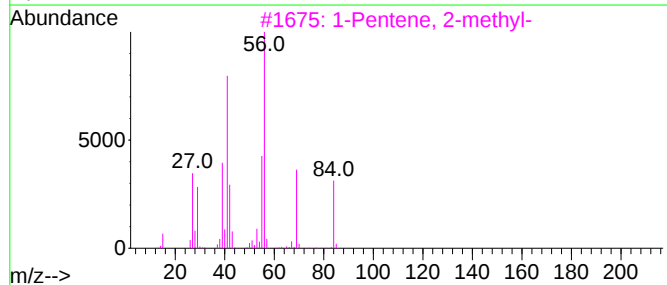
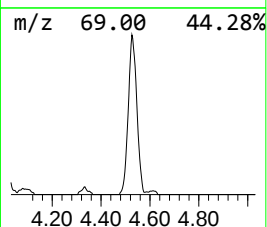
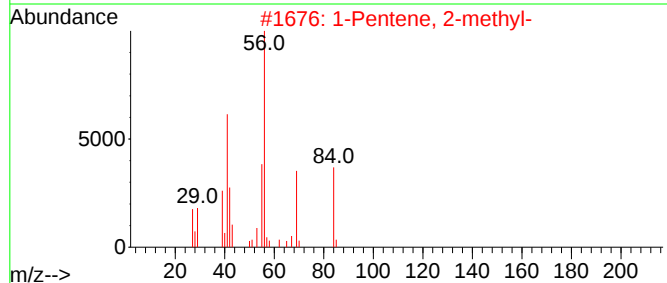
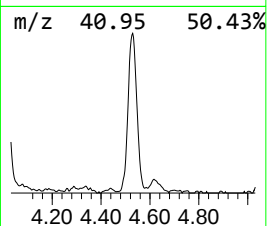
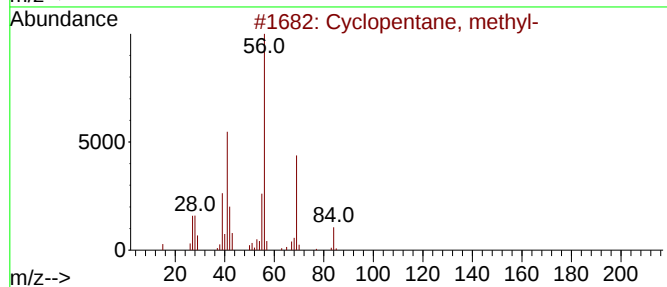
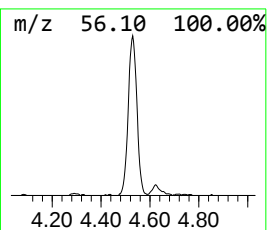
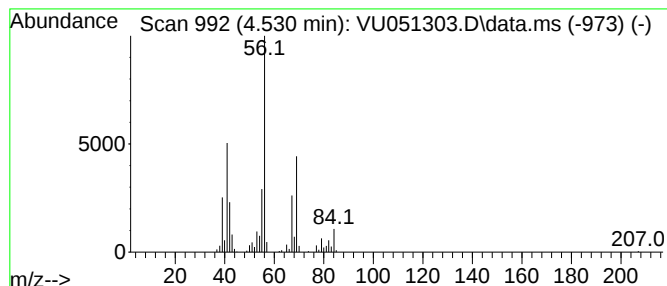
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic4.530 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	2.33 ug/L	235740	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
4			Cyclohexane	84	C6H12	000110-82-7	64
5			Cyclohexane	84	C6H12	000110-82-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

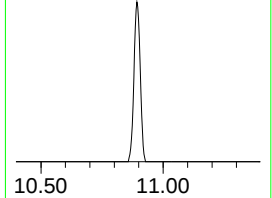
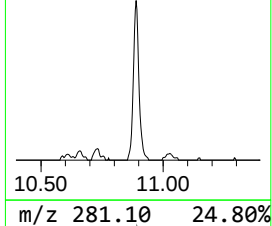
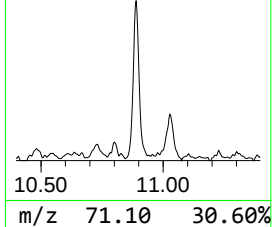
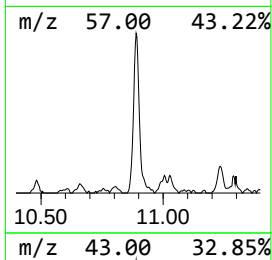
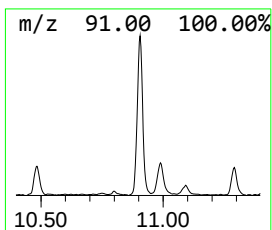
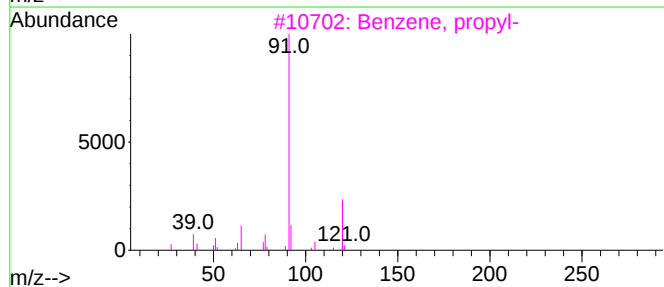
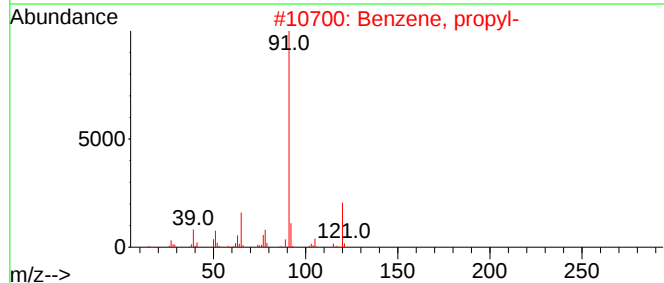
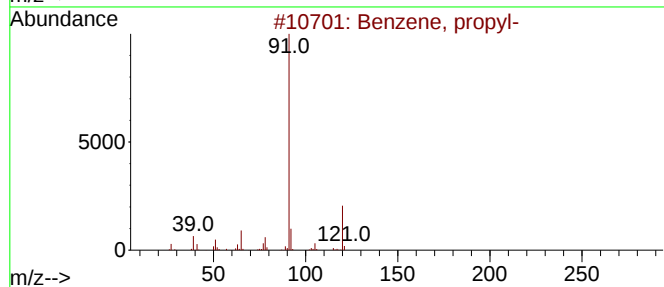
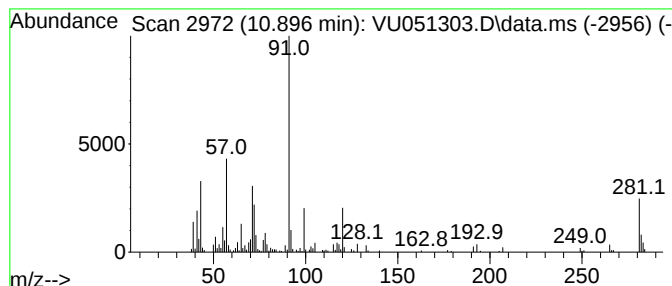
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	1.78 ug/L	261611	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	38
2			Benzene, propyl-	120	C9H12	000103-65-1	38
3			Benzene, propyl-	120	C9H12	000103-65-1	38
4			Acetamide, 2-phenyl-N-benzyl-N-b...	281	C19H23NO	1010446-79-6	30
5			Benzene, propyl-	120	C9H12	000103-65-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

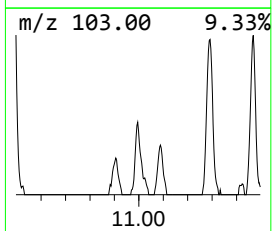
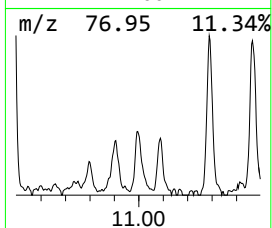
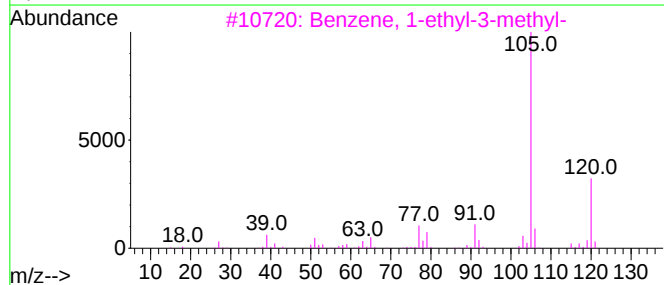
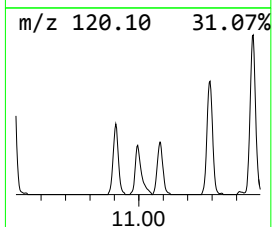
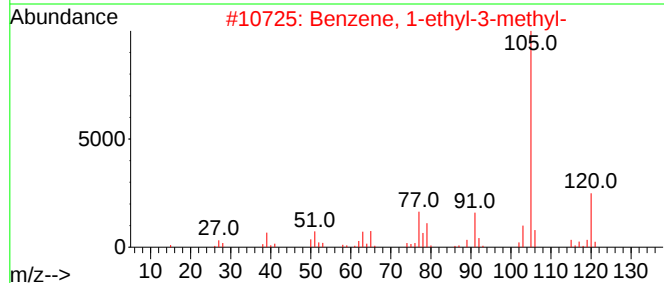
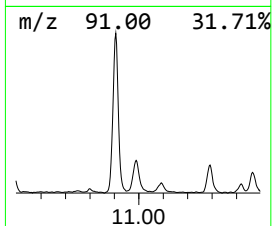
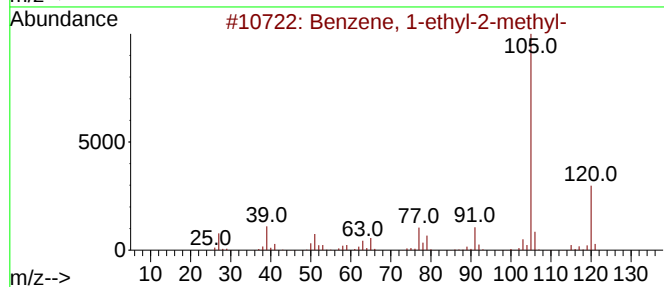
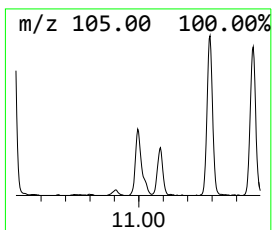
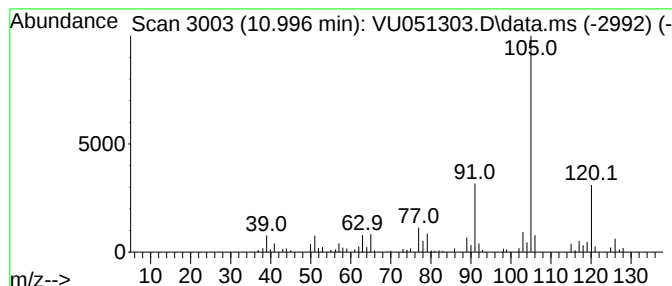
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	0.68 ug/L	100234	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

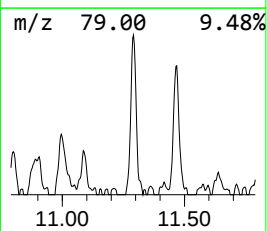
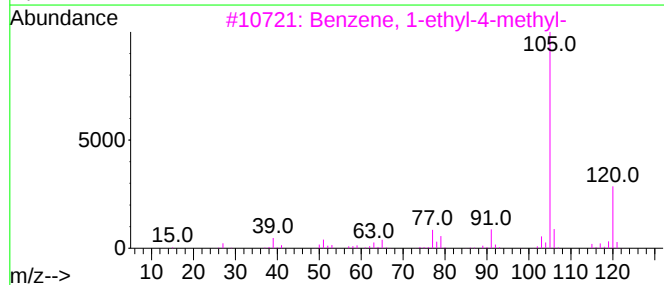
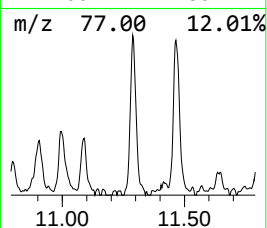
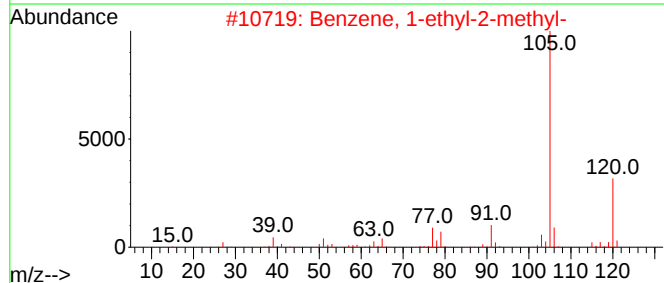
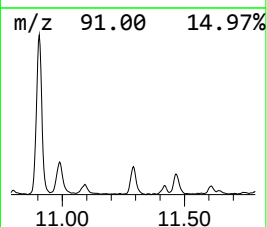
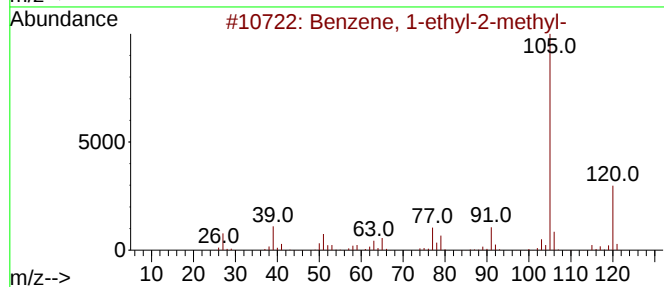
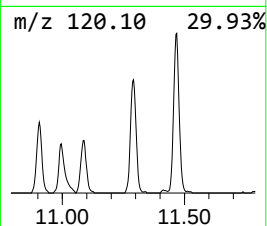
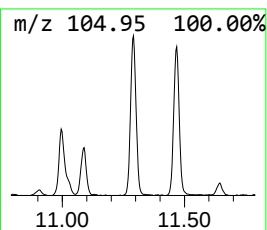
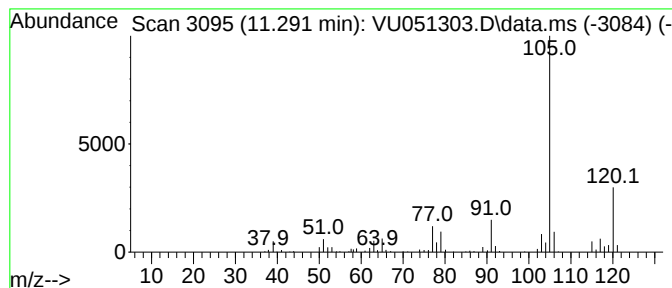
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	1.17 ug/L	171868	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

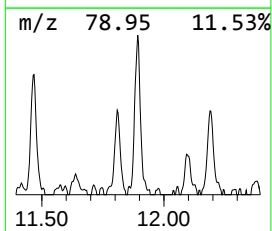
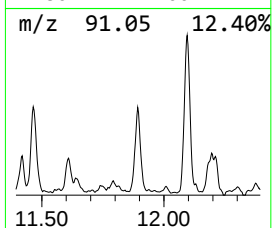
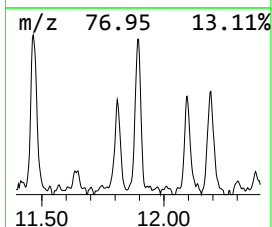
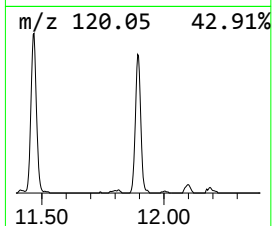
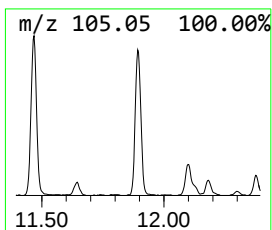
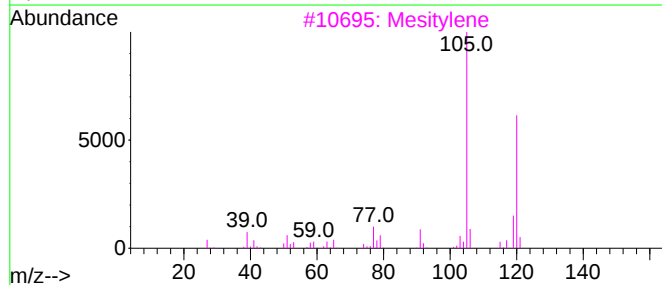
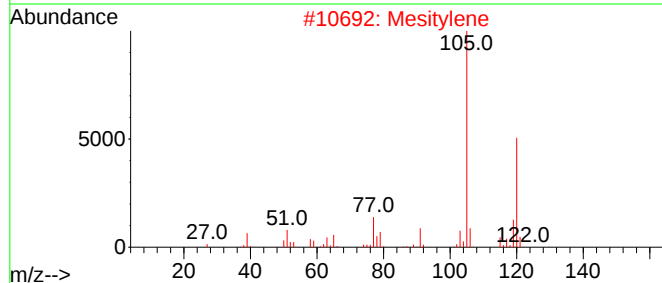
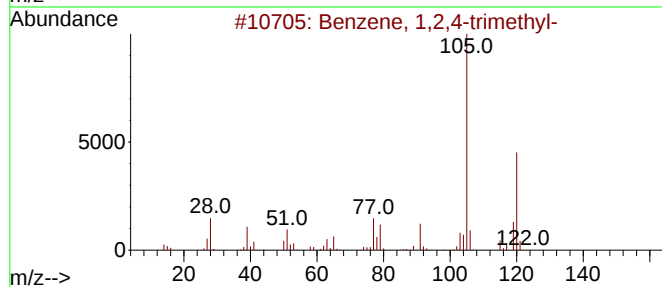
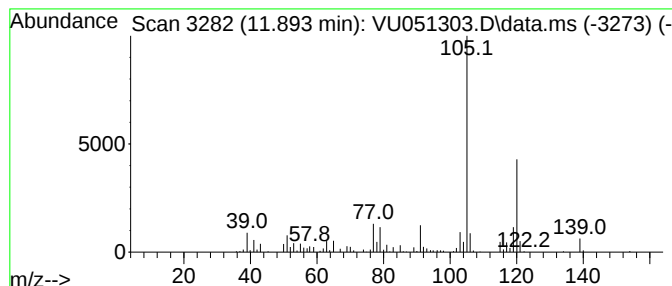
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	1.36 ug/L	199447	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2			Mesitylene	120	C9H12	000108-67-8	95
3			Mesitylene	120	C9H12	000108-67-8	95
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

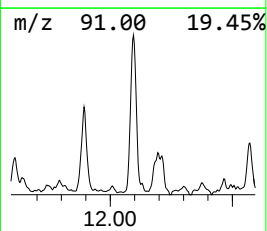
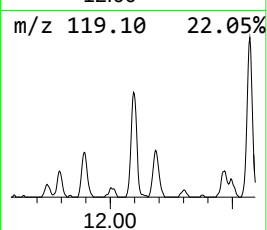
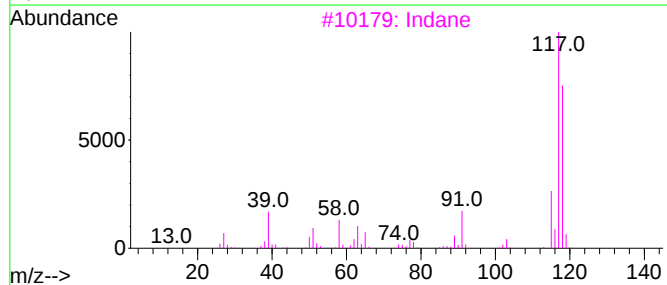
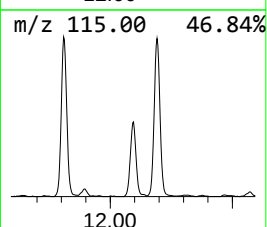
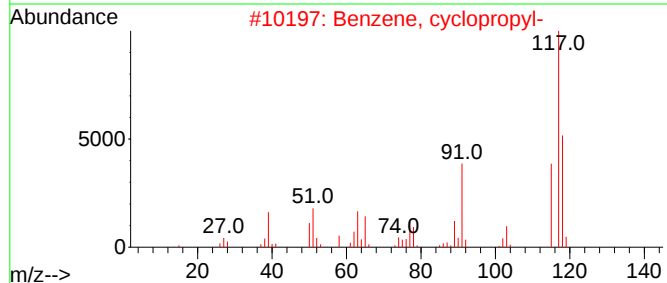
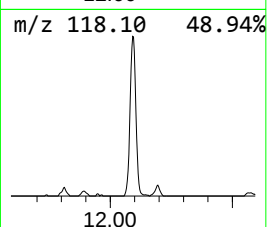
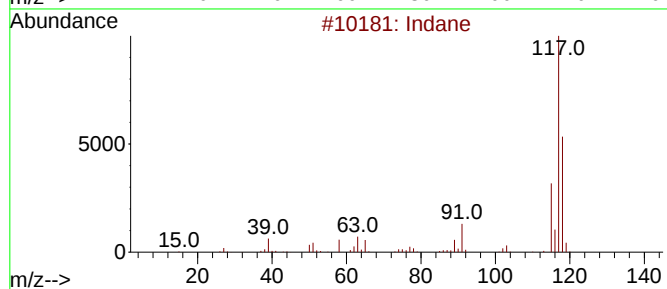
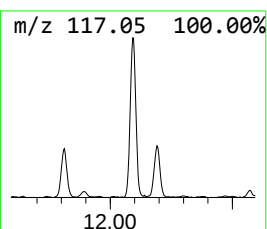
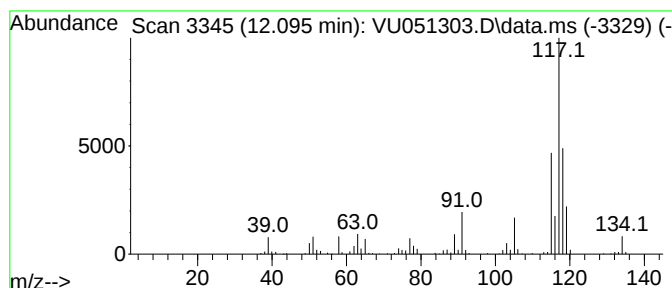
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	1.87 ug/L	274579	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	91
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3		Indane	118	C9H10	000496-11-7	64
4		Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
5		Indane	118	C9H10	000496-11-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
Data File : VU051303.D
Acq On : 09 Oct 2022 16:27
Operator : JC/MD
Sample : N5013-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA39

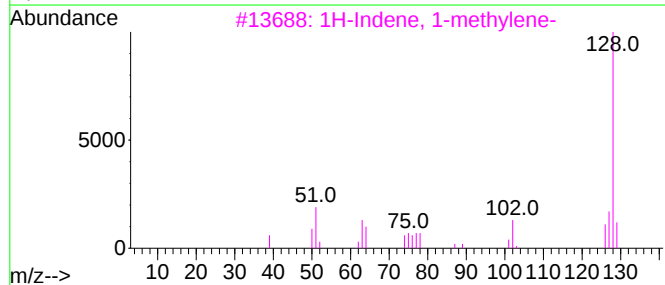
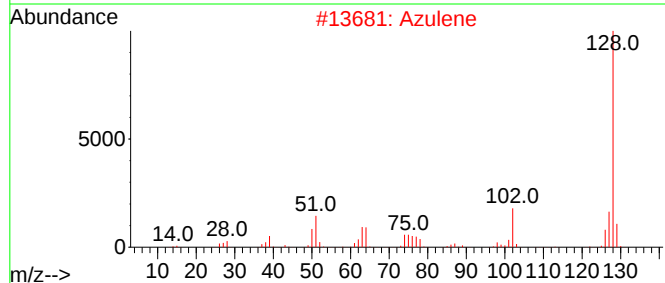
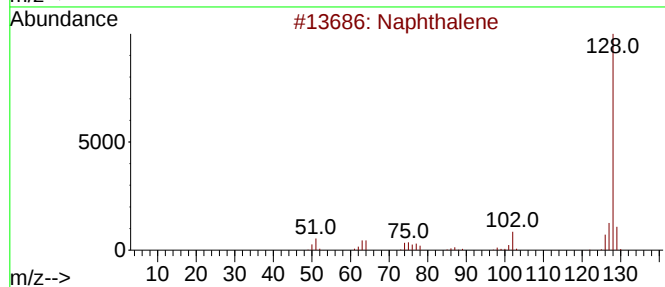
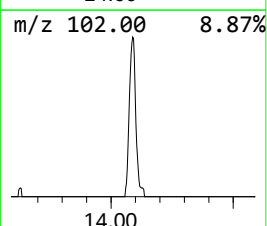
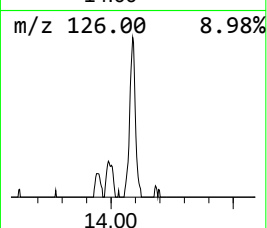
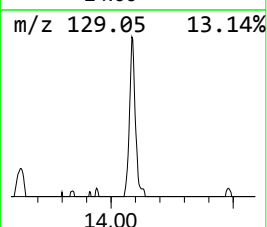
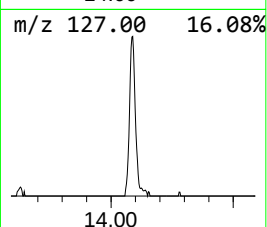
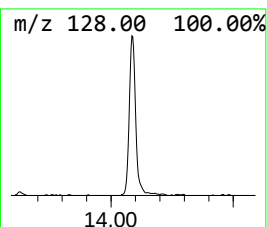
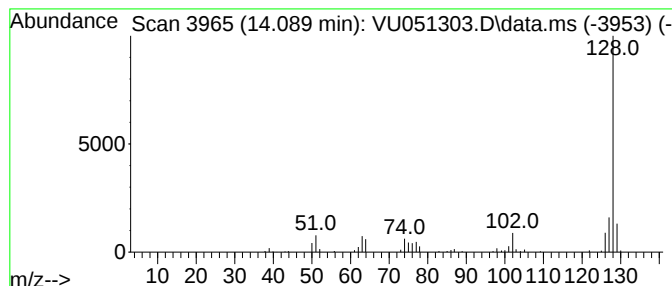
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.089	0.78 ug/L	114214	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	94
4			Naphthalene	128	C10H8	000091-20-3	91
5			Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051303.D
 Acq On : 09 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5013-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA39

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	5.7	ug/L	572574	1	6.247	506188	5.0
(DEL) Alkane: S...	3.697	1.1	ug/L	112070	1	6.247	506188	5.0
Diisopropyl ether	3.989	14.2	ug/L	1436370	1	6.247	506188	5.0
(DEL) Alkane: C...	4.530	2.3	ug/L	235740	1	6.247	506188	5.0
unknown-01	10.896	1.8	ug/L	261611	3	11.812	734075	5.0
Benzene, 1-ethy...	10.996	0.7	ug/L	100234	3	11.812	734075	5.0
Benzene, 1-ethy...	11.291	1.2	ug/L	171868	3	11.812	734075	5.0
Benzene, 1,2,4-...	11.893	1.4	ug/L	199447	3	11.812	734075	5.0
Indane	12.095	1.9	ug/L	274579	3	11.812	734075	5.0
Azulene	14.089	0.8	ug/L	114214	3	11.812	734075	5.0