

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028743.D
 Acq On : 28 Oct 2022 02:19
 Operator : SY/MD
 Sample : N5232-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA50

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_V\Method\SFAMVTR102522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV028743.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.947	272	282	299	rBV	2168955	2885369	6.88%	4.205%
2	3.281	678	697	730	rBV	1093106	2513609	5.99%	3.663%
3	5.043	1228	1245	1252	rBV3	281325	646655	1.54%	0.942%
4	5.092	1253	1260	1281	rVB	411941	888670	2.12%	1.295%
5	7.310	1939	1950	1966	rVB	294418	514155	1.23%	0.749%
6	8.088	2183	2192	2209	rBV	258819	558890	1.33%	0.815%
7	8.876	2417	2437	2471	rBV	26415872	41950050	100.00%	61.137%
8	9.924	2750	2763	2780	rBV	6716603	10044539	23.94%	14.639%
9	10.346	2880	2894	2908	rVV2	668436	1126494	2.69%	1.642%
10	10.728	3002	3013	3040	rVB	422578	669882	1.60%	0.976%
11	10.857	3040	3053	3062	rBV	347128	535103	1.28%	0.780%
12	11.243	3163	3173	3176	rBV	351640	500146	1.19%	0.729%
13	11.342	3193	3204	3227	rVB3	276029	511322	1.22%	0.745%
14	11.519	3248	3259	3278	rBV2	708750	1395051	3.33%	2.033%
15	11.619	3279	3290	3313	rVB5	440883	1031926	2.46%	1.504%
16	12.005	3396	3410	3427	rBV	728205	1184586	2.82%	1.726%
17	12.403	3517	3534	3543	rBV	576519	877961	2.09%	1.280%
18	12.873	3663	3680	3689	rBV2	471010	782057	1.86%	1.140%

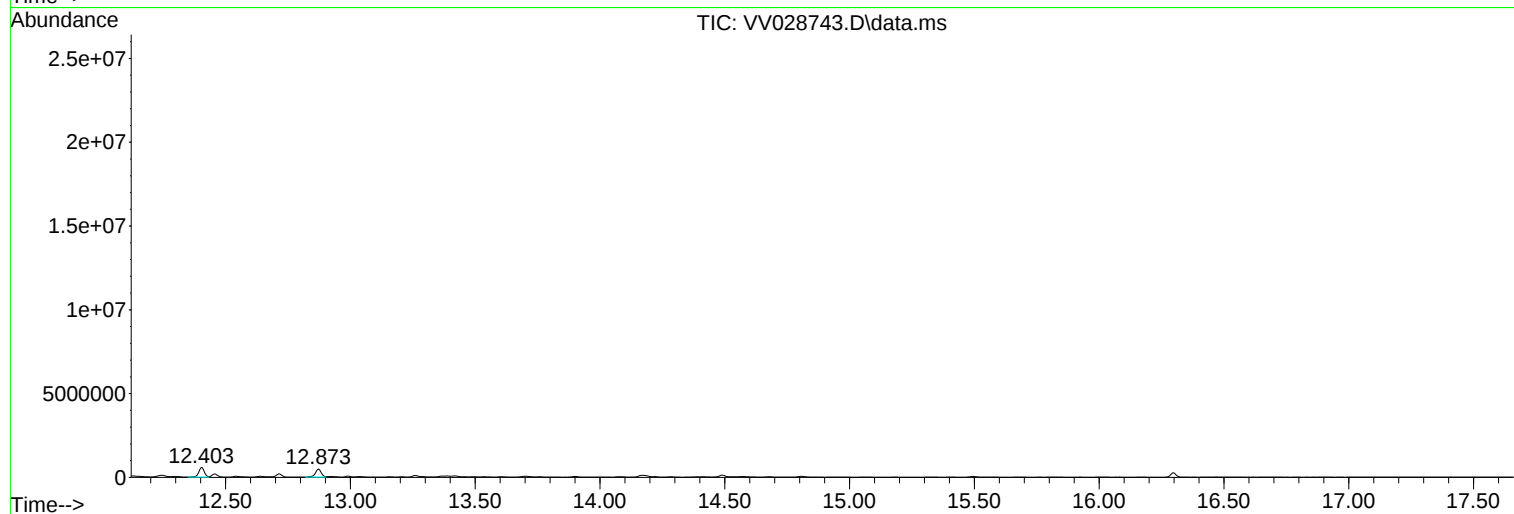
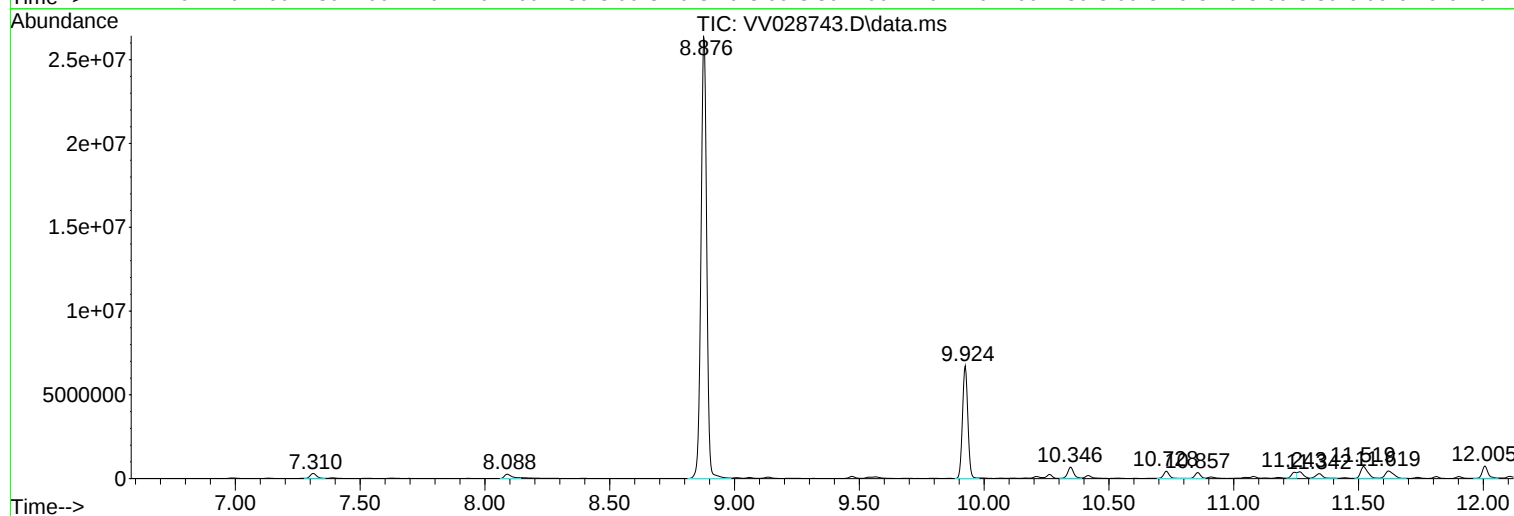
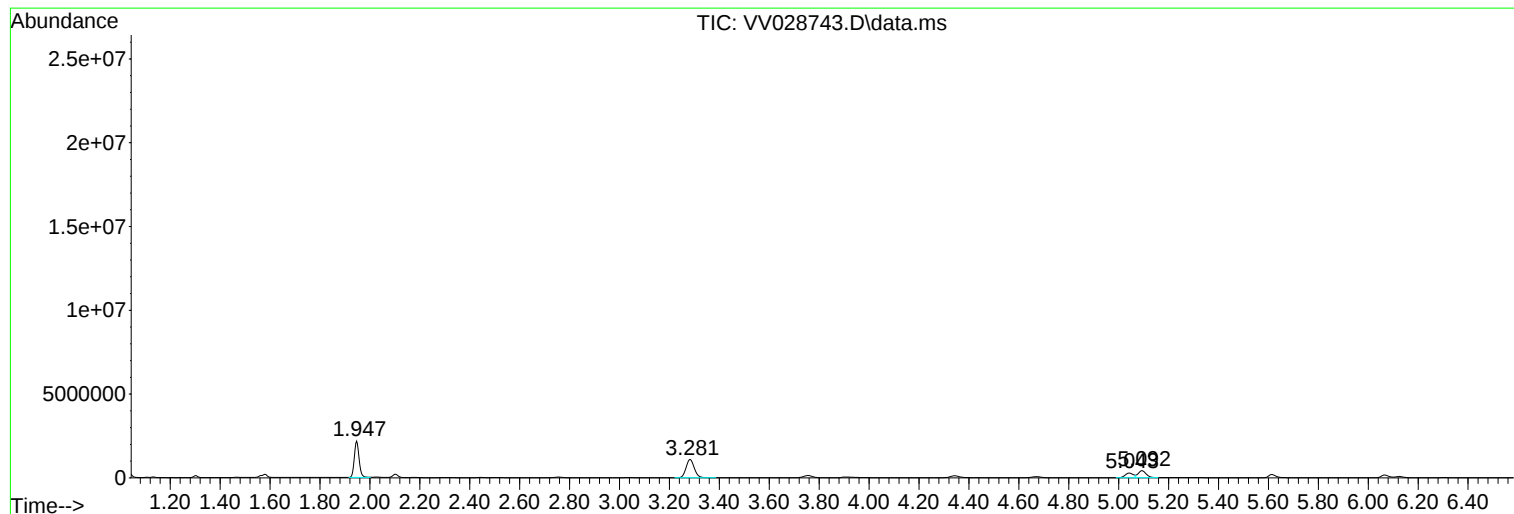
Sum of corrected areas: 68616465

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

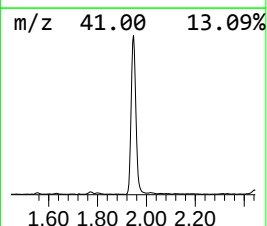
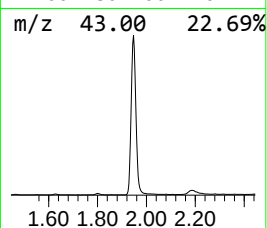
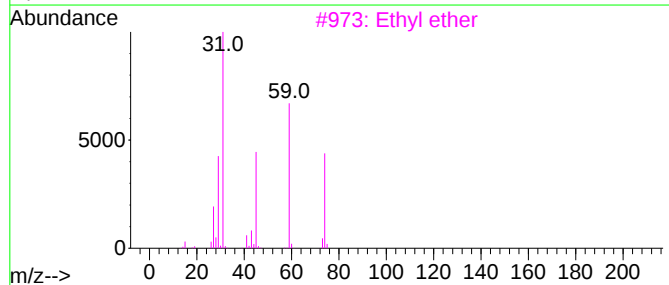
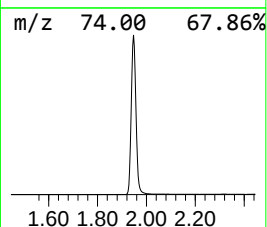
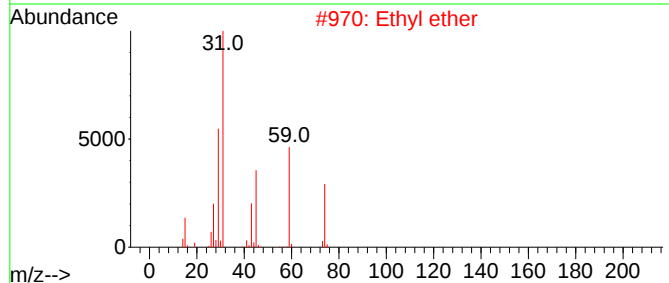
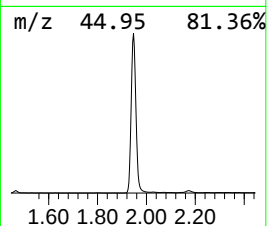
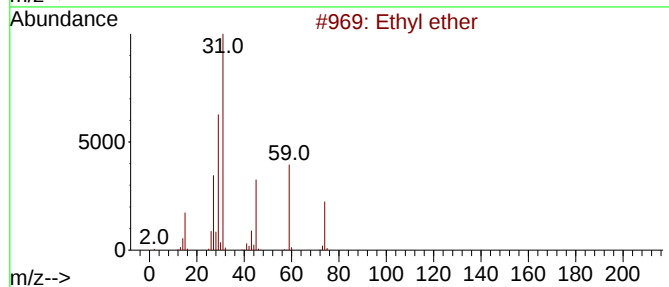
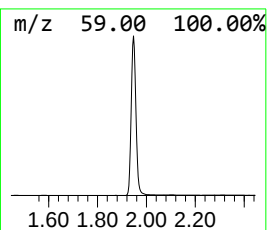
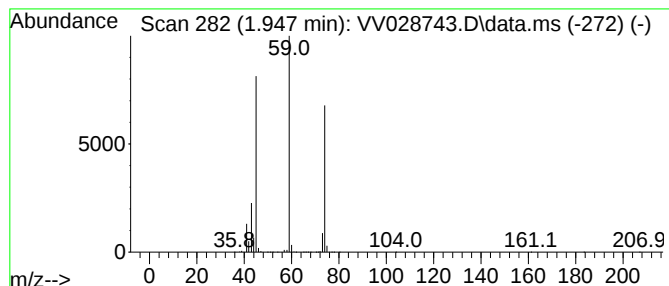
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	16.23 ug/L	2885370	1,4-Difluorobenzene	5.616

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	72
5	Ethyl ether			74	C4H10O	000060-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

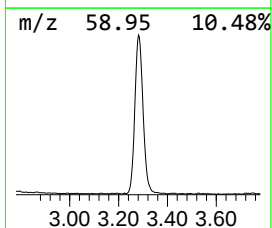
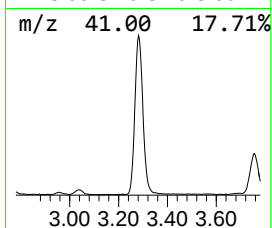
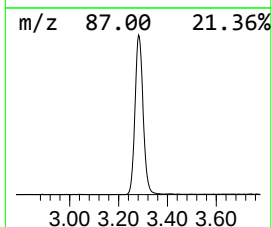
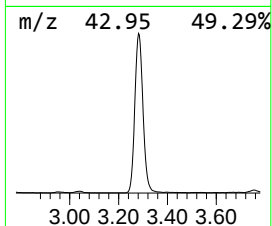
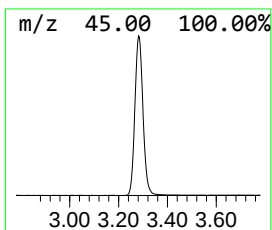
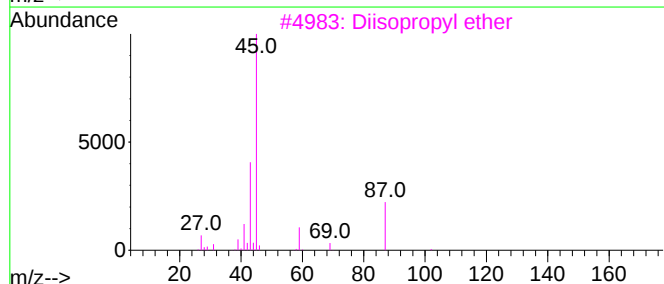
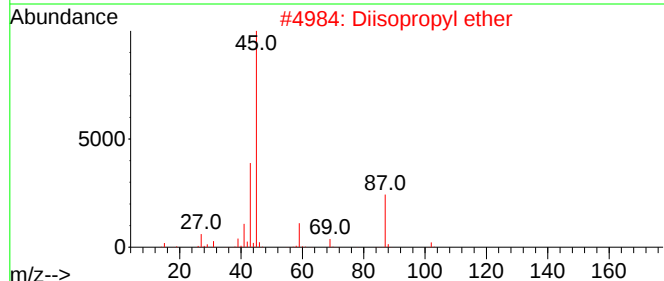
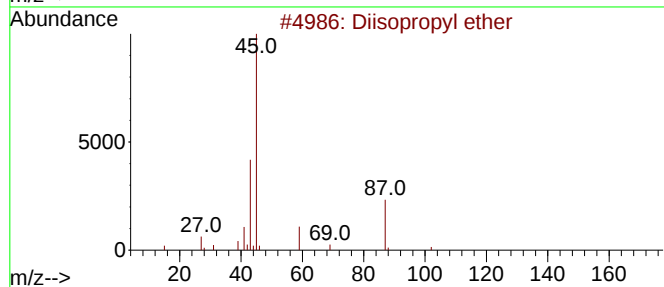
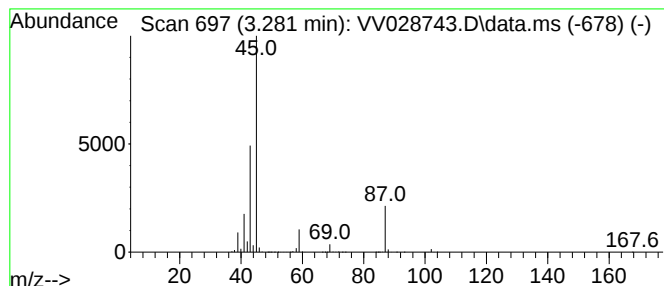
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.281	14.14 ug/L	2513610	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	91
2			Diisopropyl ether	102	C6H14O	000108-20-3	86
3			Diisopropyl ether	102	C6H14O	000108-20-3	83
4			Diisopropyl ether	102	C6H14O	000108-20-3	83
5			Diisopropyl ether	102	C6H14O	000108-20-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

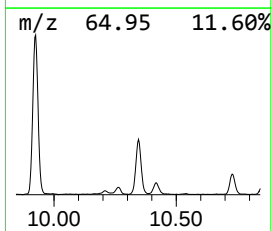
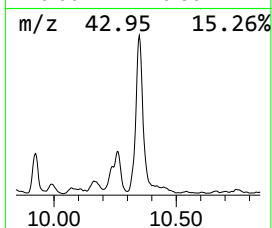
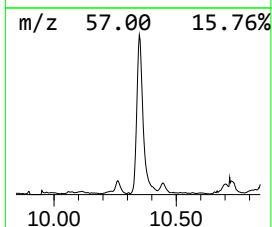
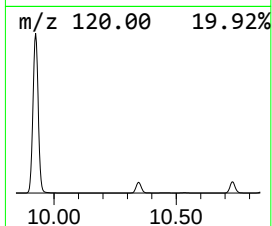
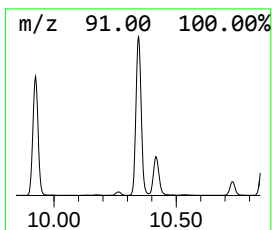
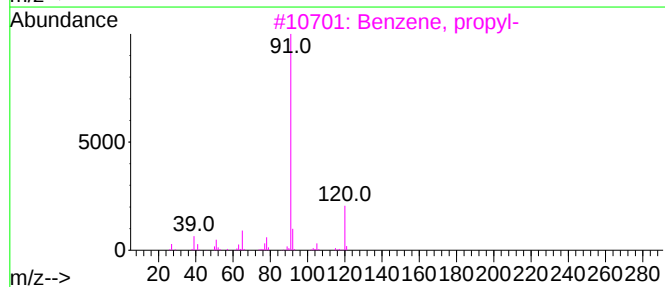
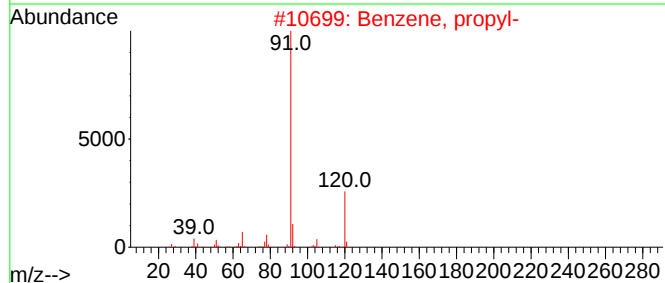
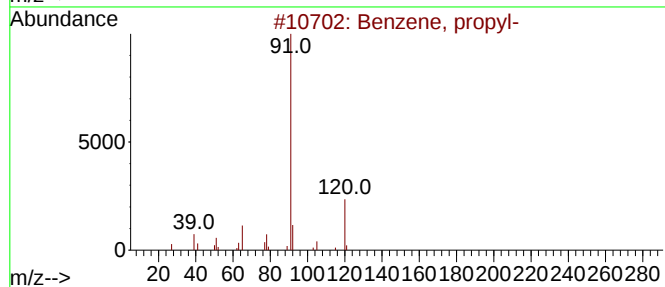
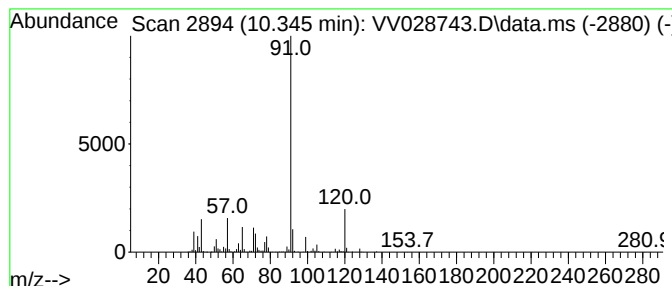
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	11.26 ug/L	1126490	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	91
2			Benzene, propyl-	120	C9H12	000103-65-1	64
3			Benzene, propyl-	120	C9H12	000103-65-1	64
4			Benzene, propyl-	120	C9H12	000103-65-1	55
5			N-(Cyclohexylmethyl)(phenyl)meth...	203	C14H21N	004352-47-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

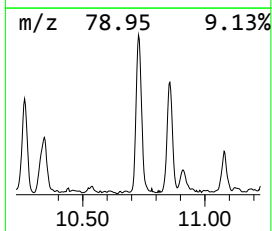
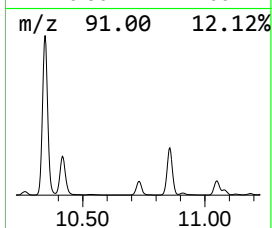
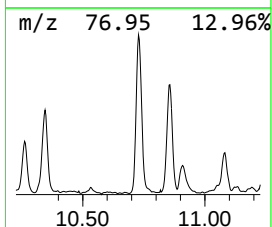
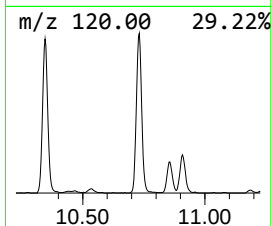
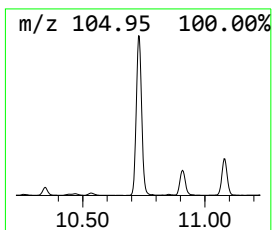
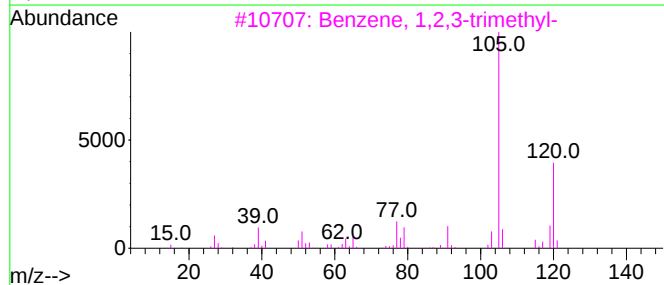
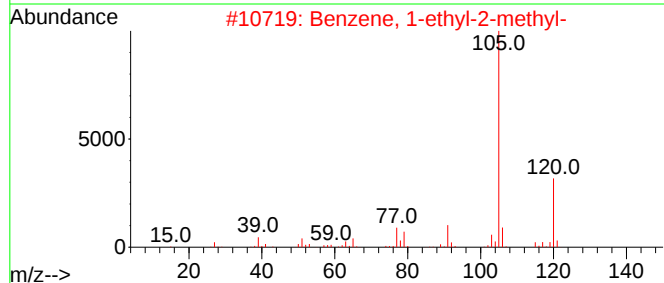
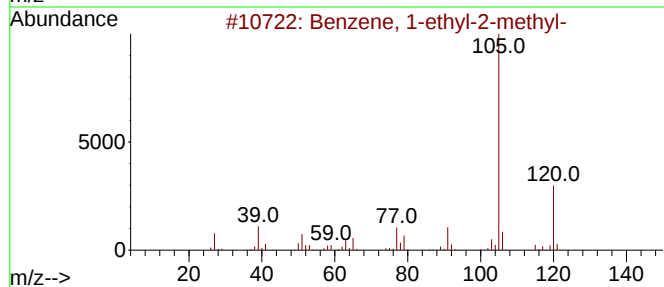
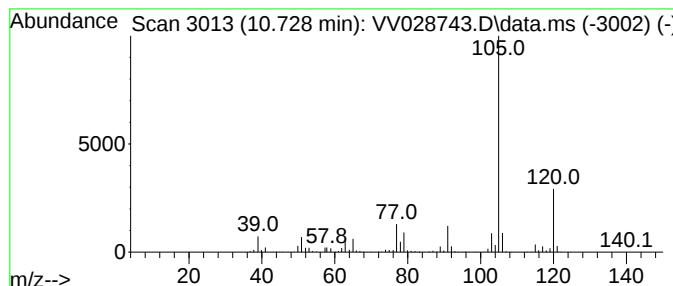
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	6.70 ug/L	669882	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

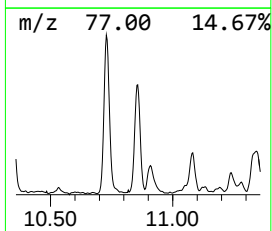
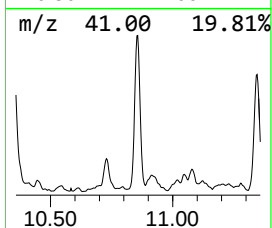
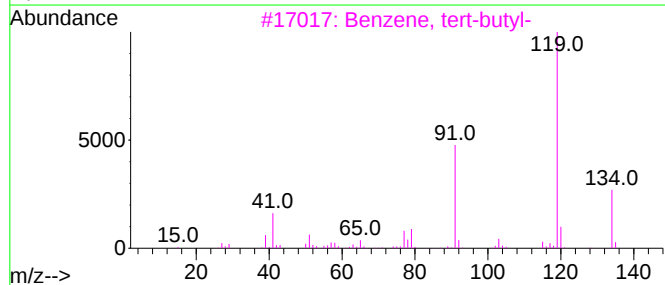
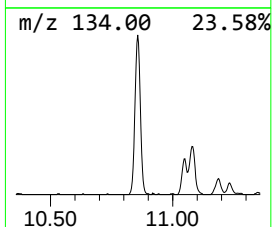
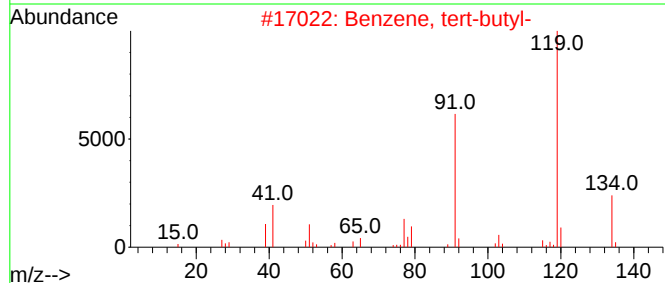
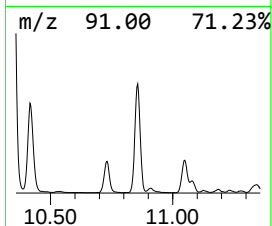
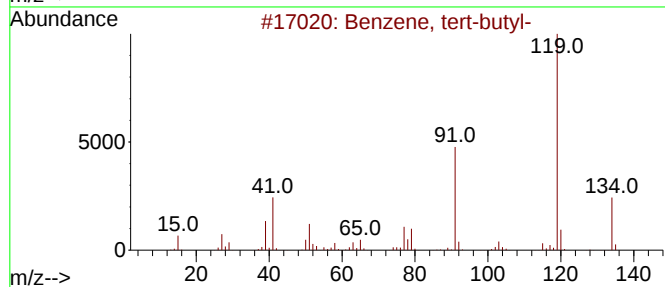
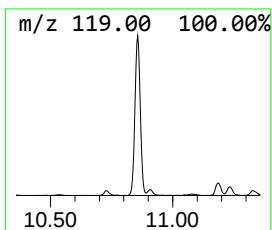
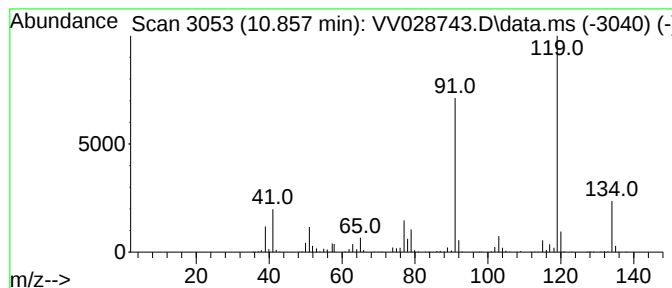
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, tert-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.857	5.35 ug/L	535103	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, tert-butyl-	134	C10H14	000098-06-6	97
2			Benzene, tert-butyl-	134	C10H14	000098-06-6	96
3			Benzene, tert-butyl-	134	C10H14	000098-06-6	90
4			Benzene, tert-butyl-	134	C10H14	000098-06-6	90
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

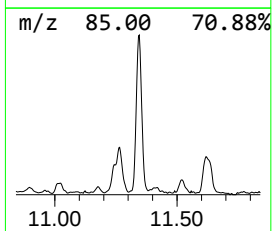
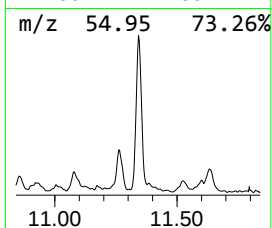
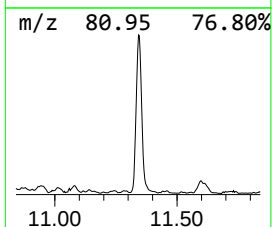
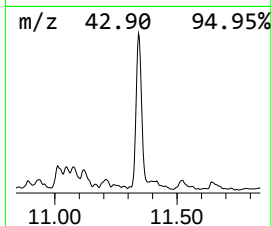
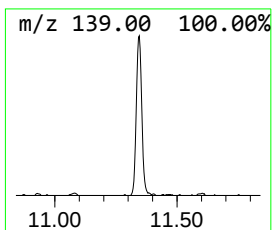
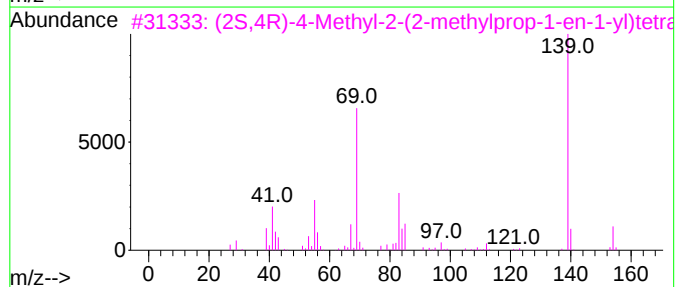
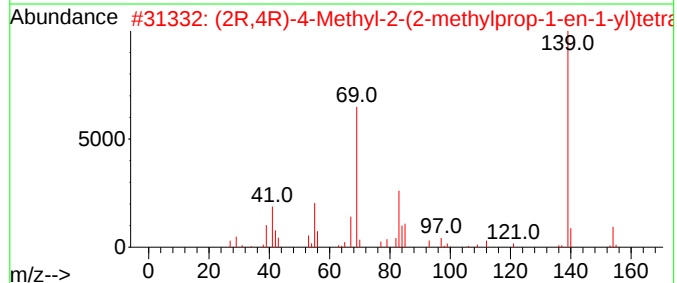
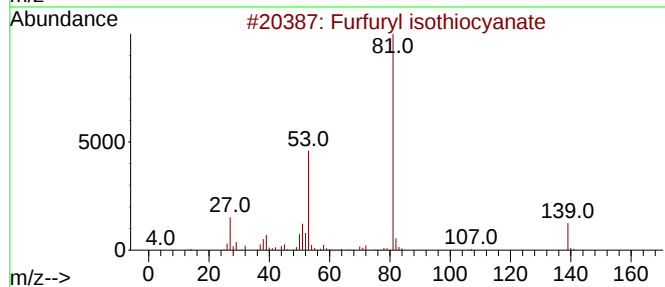
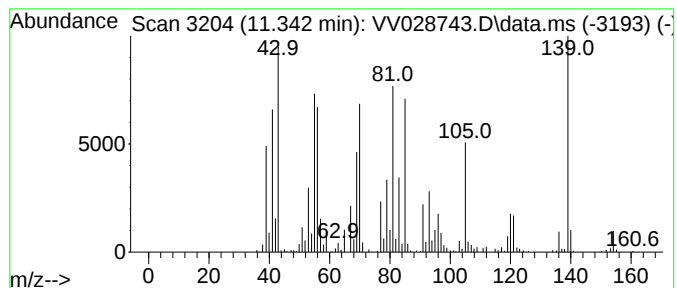
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.342	5.11 ug/L	511322	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furfuryl isothiocyanate	139	C6H5NOS	004650-60-6	38
2			(2R,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	005258-11-7	25
3			(2S,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	003033-23-6	22
4			trans-Rose oxide	154	C10H18O	000876-18-6	20
5			(2S,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	003033-23-6	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

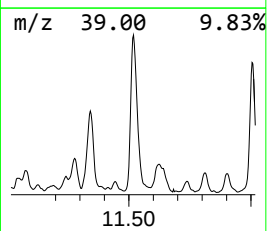
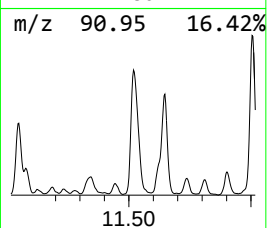
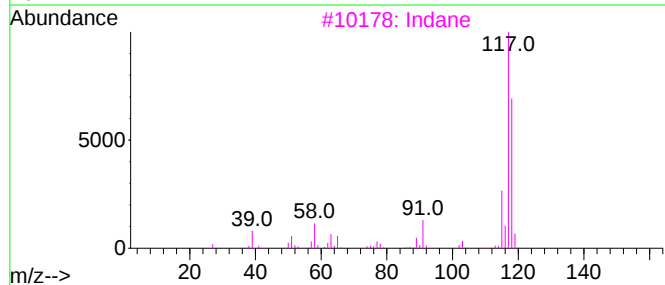
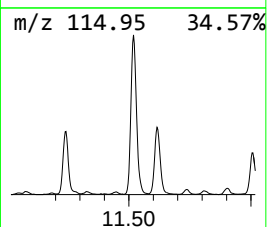
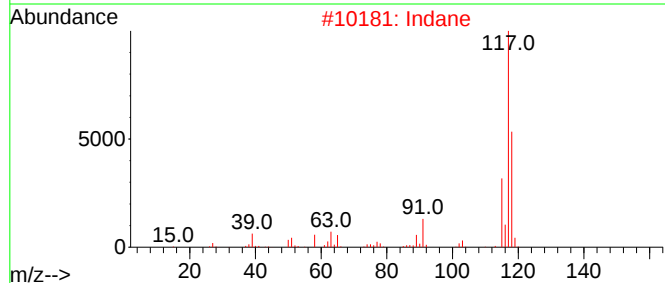
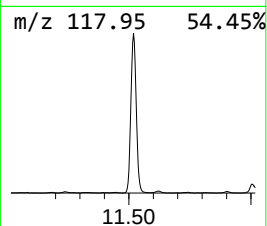
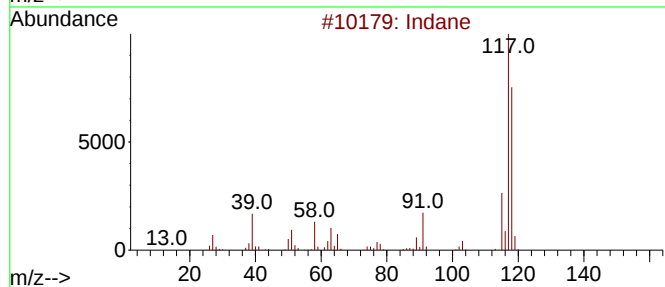
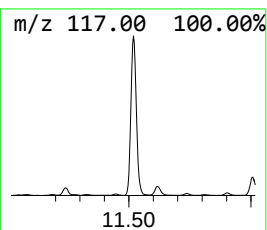
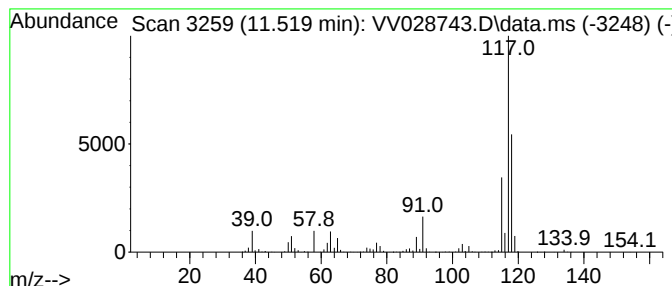
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	13.95 ug/L	1395050	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	96
2	Indane			118	C9H10	000496-11-7	95
3	Indane			118	C9H10	000496-11-7	94
4	Indane			118	C9H10	000496-11-7	90
5	Benzene, 1-ethenyl-4-methyl-			118	C9H10	000622-97-9	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

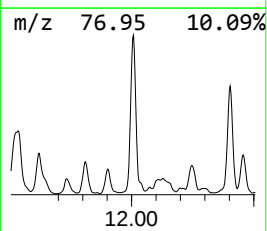
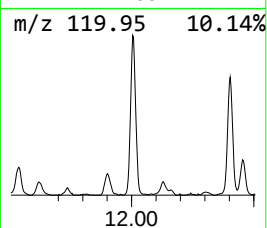
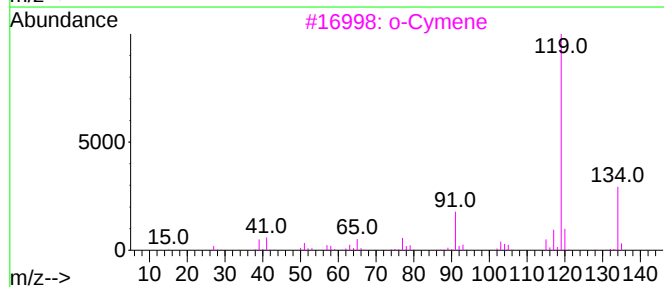
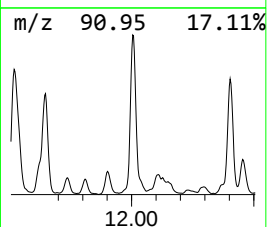
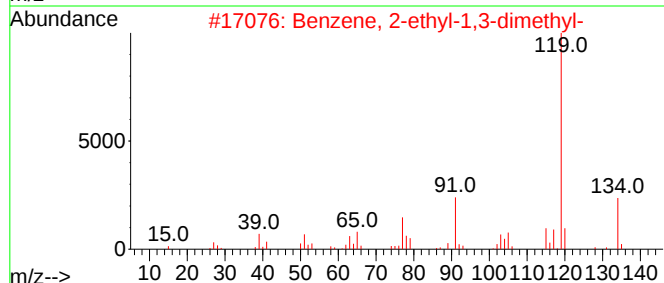
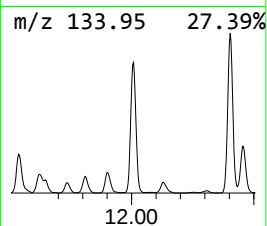
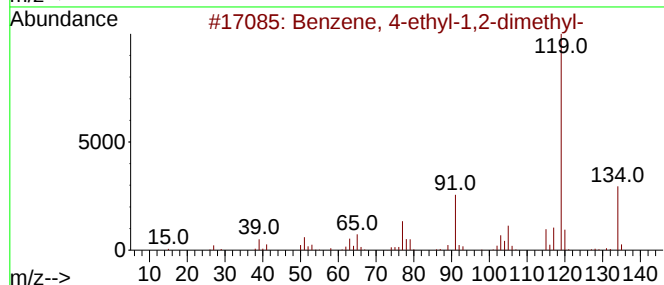
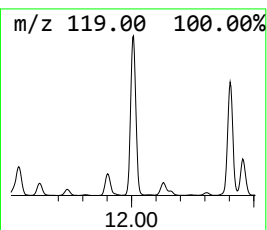
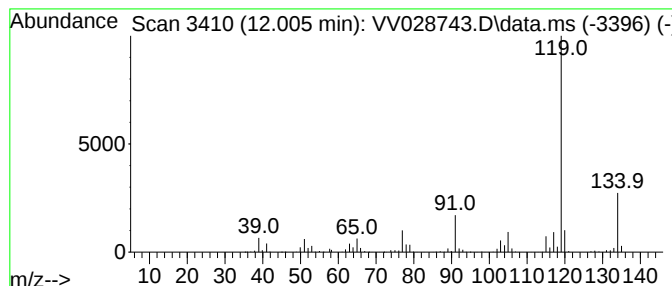
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	11.84 ug/L	1184590	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

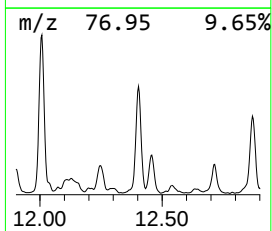
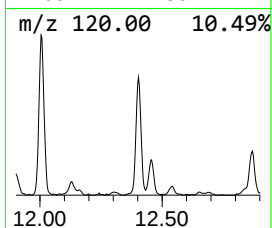
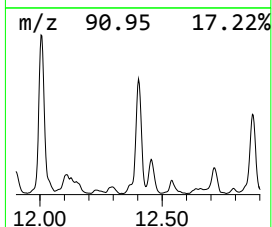
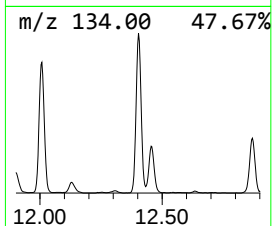
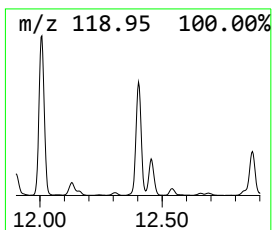
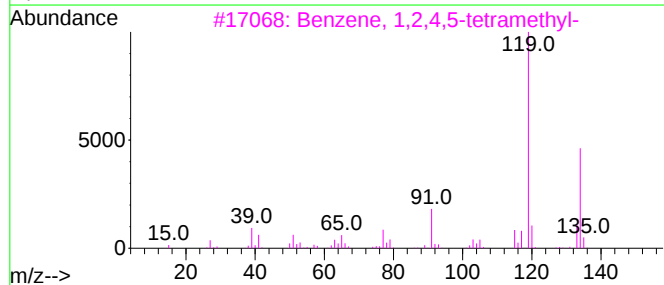
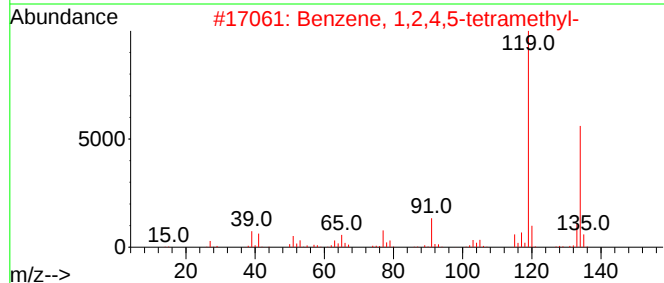
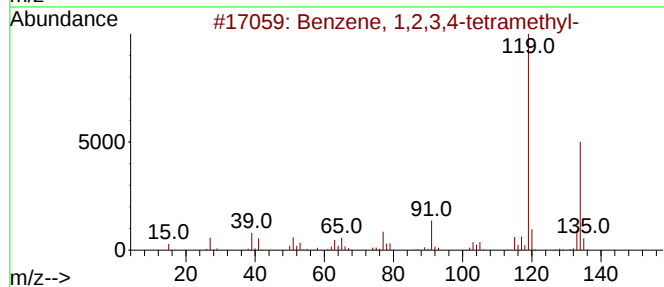
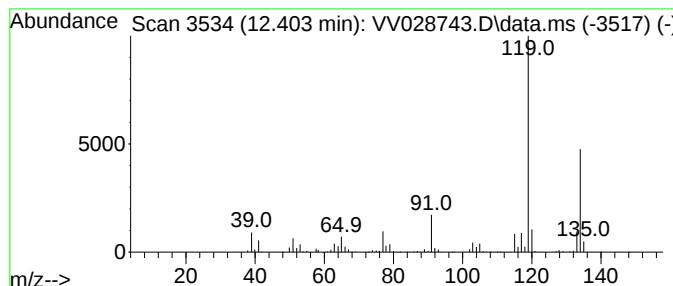
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	8.78 ug/L	877961	1,4-Dichlorobenzene-d4	11.243

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

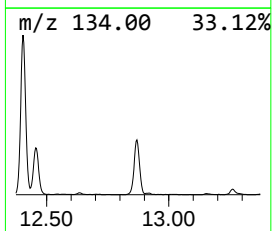
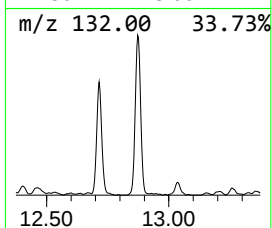
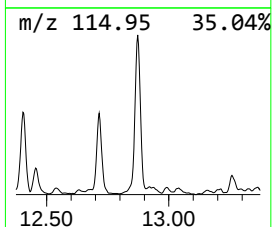
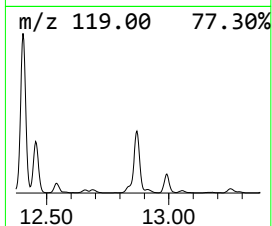
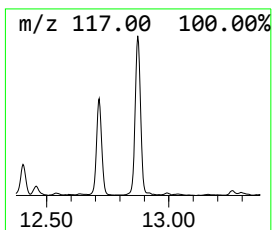
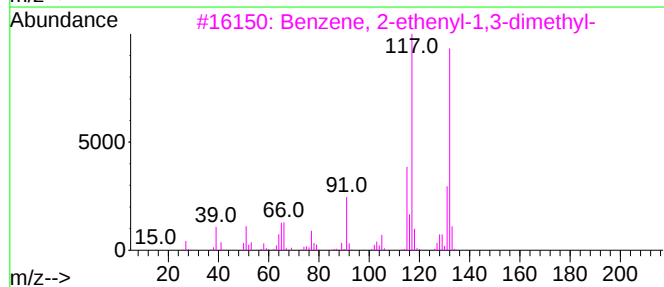
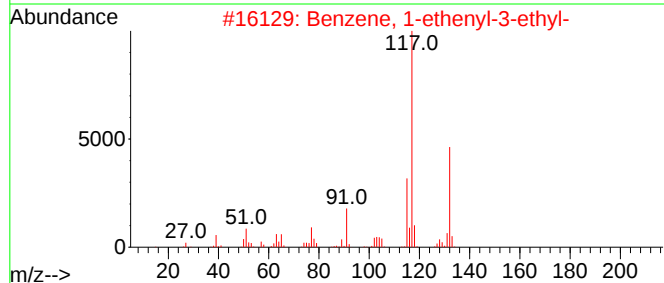
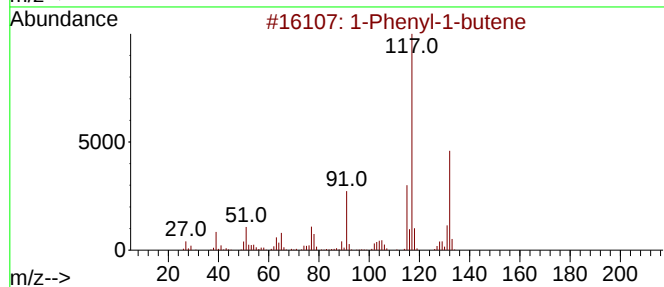
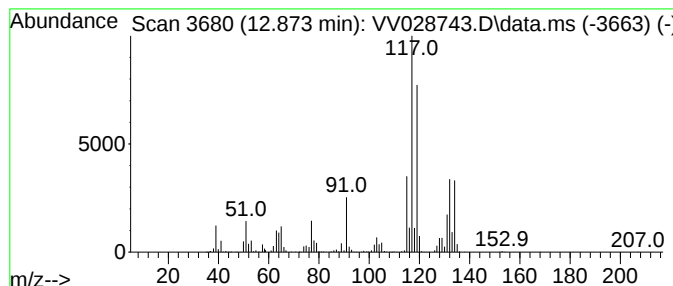
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	7.82 ug/L	782057	1,4-Dichlorobenzene-d4	11.243

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	55
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028743.D
Acq On : 28 Oct 2022 02:19
Operator : SY/MD
Sample : N5232-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.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
Ethyl ether	1.947	16.2	ug/L	2885370	1	5.616	888670	5.0
Diisopropyl ether	3.281	14.1	ug/L	2513610	1	5.616	888670	5.0
Benzene, propyl-	10.345	11.3	ug/L	1126490	3	11.243	500146	5.0
Benzene, 1-ethy...	10.728	6.7	ug/L	669882	3	11.243	500146	5.0
Benzene, tert-b...	10.857	5.3	ug/L	535103	3	11.243	500146	5.0
unknown-01	11.342	5.1	ug/L	511322	3	11.243	500146	5.0
Indane	11.519	13.9	ug/L	1395050	3	11.243	500146	5.0
Benzene, 4-ethy...	12.005	11.8	ug/L	1184590	3	11.243	500146	5.0
Benzene, 1,2,3,...	12.403	8.8	ug/L	877961	3	11.243	500146	5.0
1-Phenyl-1-butene	12.873	7.8	ug/L	782057	3	11.243	500146	5.0