

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051560.D
 Acq On : 27 Oct 2022 23:53
 Operator : JC/MD
 Sample : N5300-12DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA78DL

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: VU051560.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	91	rBV	111975	141167	1.50%	0.541%
2	1.909	169	177	188	rBV	95784	122740	1.31%	0.471%
3	2.565	368	381	395	rBV	160617	271827	2.90%	1.042%
4	3.359	612	628	647	rBV2	112993	250907	2.67%	0.962%
5	3.697	717	733	751	rVB2	62765	138483	1.48%	0.531%
6	3.867	758	786	809	rBV2	42106	118928	1.27%	0.456%
7	4.530	974	992	1009	rBV2	111254	268241	2.86%	1.028%
8	4.662	1009	1033	1069	rBV3	387482	1265870	13.49%	4.853%
9	5.060	1139	1157	1182	rBV	167955	382638	4.08%	1.467%
10	5.723	1343	1363	1370	rBV2	321054	826672	8.81%	3.169%
11	5.771	1370	1378	1408	rVB	808236	1646040	17.54%	6.310%
12	6.247	1509	1526	1558	rBV	315940	607592	6.47%	2.329%
13	6.690	1650	1664	1679	rBV	207902	408265	4.35%	1.565%
14	7.565	1924	1936	1950	rBV	77361	140834	1.50%	0.540%
15	7.896	2019	2039	2049	rBV	329904	570956	6.08%	2.189%
16	7.967	2049	2061	2102	rVB	5592949	9385740	100.00%	35.981%
17	8.632	2256	2268	2302	rBV	506805	925222	9.86%	3.547%
18	9.414	2496	2511	2534	rBV	445281	794317	8.46%	3.045%
19	9.568	2547	2559	2582	rBV	544244	876916	9.34%	3.362%
20	9.690	2583	2597	2614	rBV	1253271	2054194	21.89%	7.875%
21	10.099	2706	2724	2747	rBV	451846	733186	7.81%	2.811%
22	10.755	2915	2928	2946	rBV	170130	273068	2.91%	1.047%
23	10.902	2958	2974	2990	rBV	117057	193868	2.07%	0.743%
24	10.996	2990	3003	3008	rBV	242185	391149	4.17%	1.499%
25	11.086	3022	3031	3055	rVB	168300	268324	2.86%	1.029%
26	11.292	3084	3095	3109	rVB	136573	218317	2.33%	0.837%
27	11.468	3137	3150	3176	rBV	613079	951540	10.14%	3.648%
28	11.809	3243	3256	3272	rBV	455649	764983	8.15%	2.933%
29	11.893	3272	3282	3294	rVB	125381	200009	2.13%	0.767%
30	12.095	3333	3345	3351	rBV2	56686	98894	1.05%	0.379%
31	12.192	3363	3375	3396	rVB	390290	700530	7.46%	2.686%
32	12.571	3482	3493	3503	rBV	61260	93939	1.00%	0.360%

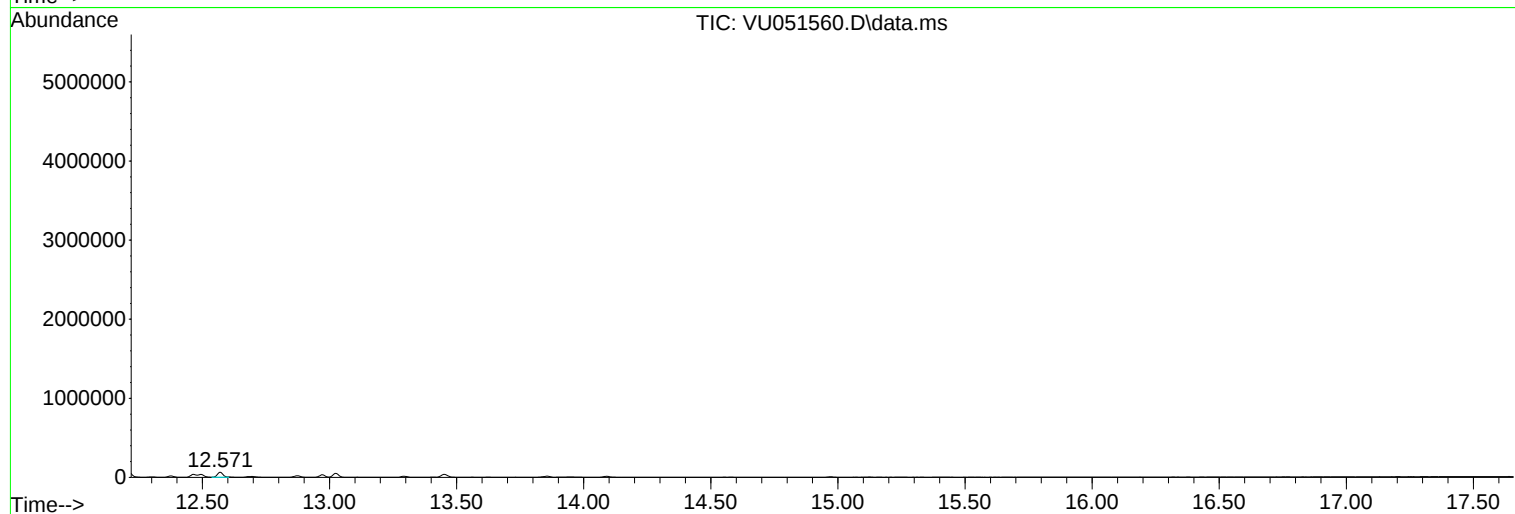
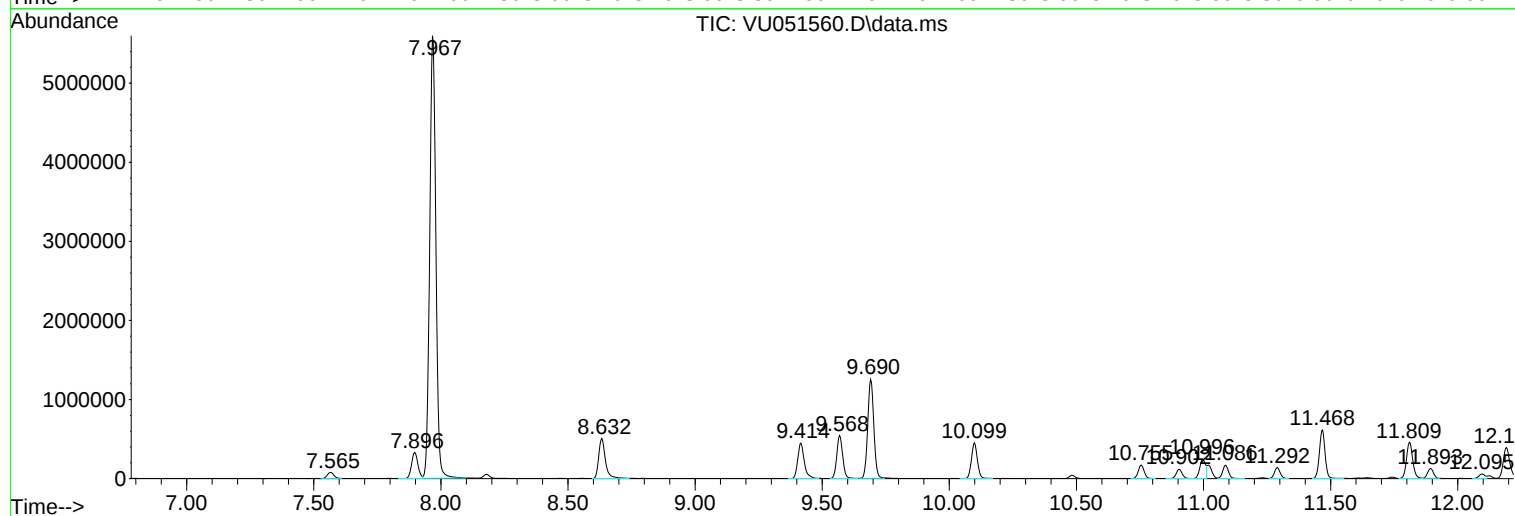
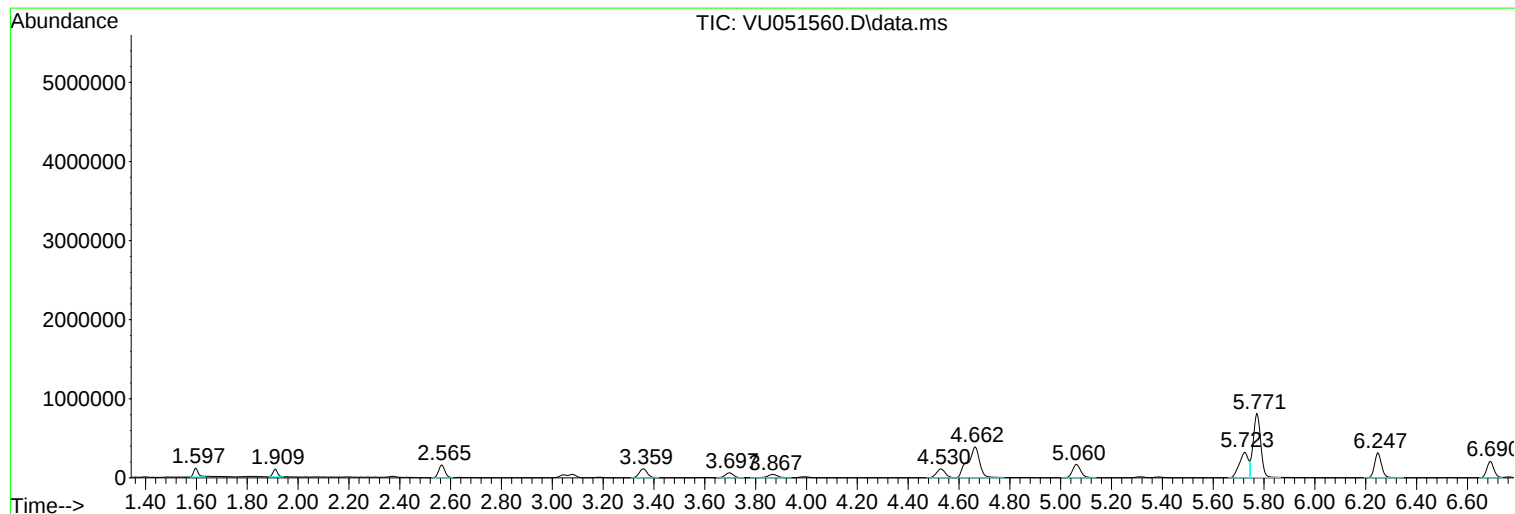
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

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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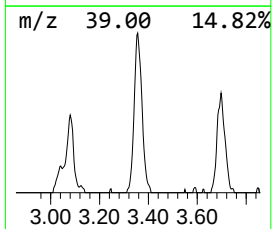
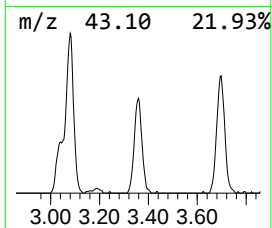
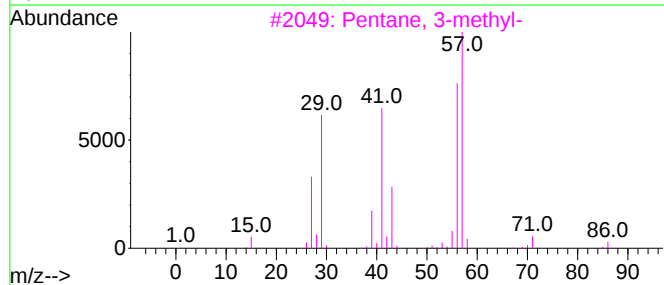
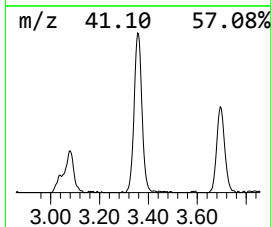
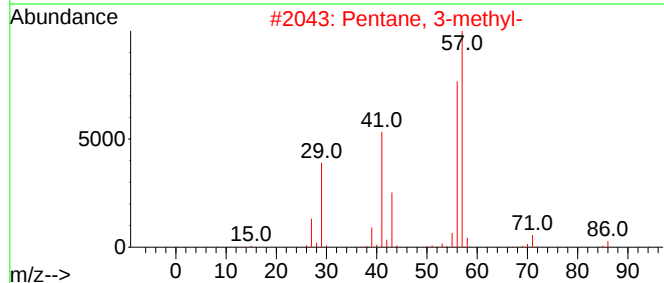
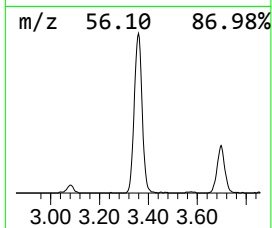
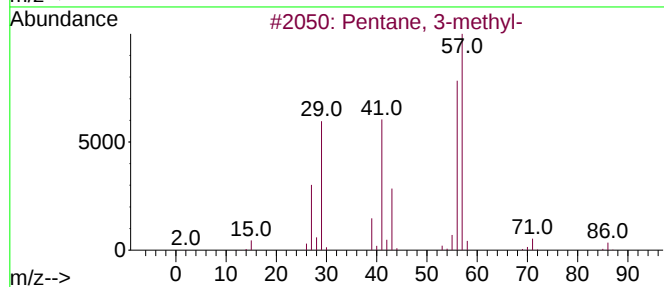
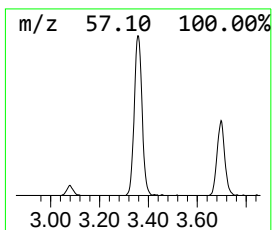
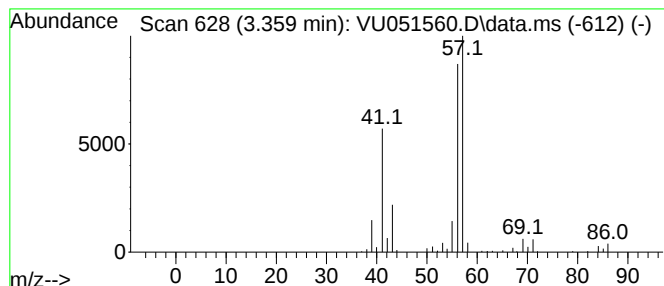
Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

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 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.359	2.06 ug/L	250907	1,4-Difluorobenzene	6.247	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

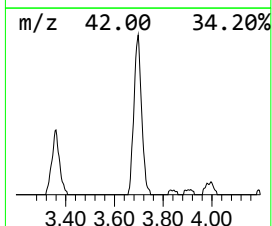
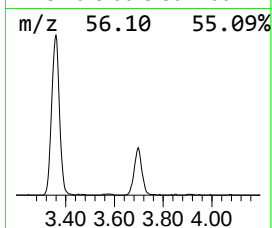
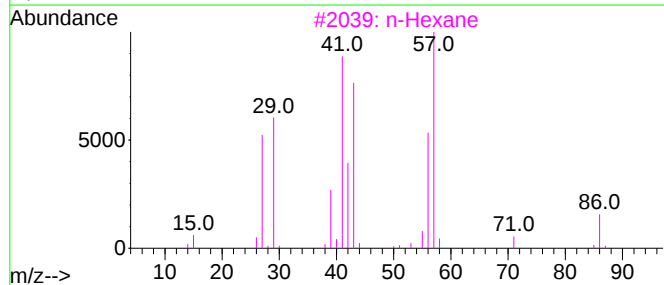
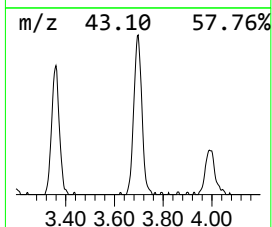
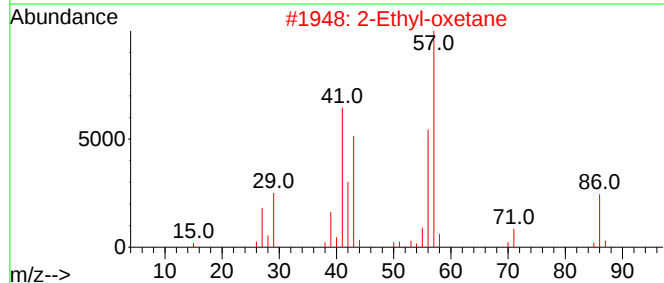
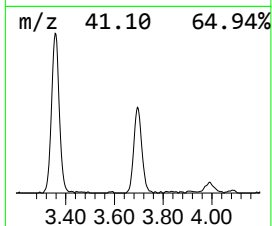
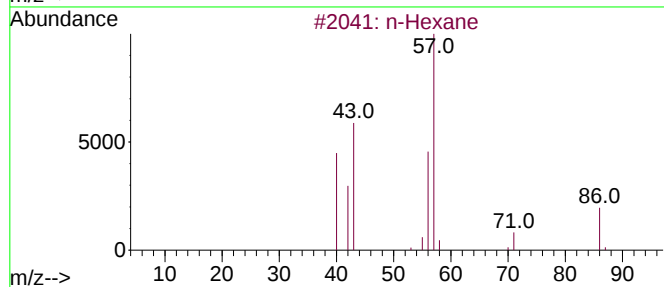
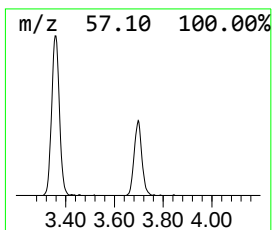
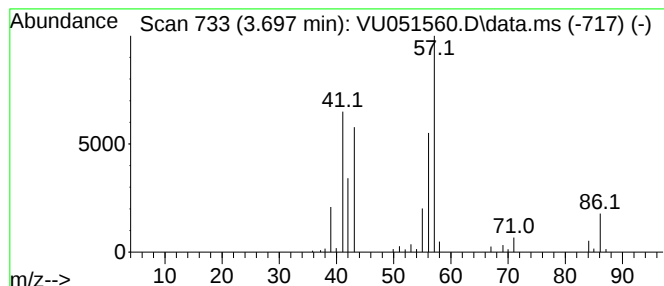
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.697	1.14 ug/L	138483	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	86
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
3			n-Hexane	86	C6H14	000110-54-3	83
4			n-Hexane	86	C6H14	000110-54-3	64
5			n-Hexane	86	C6H14	000110-54-3	64



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ALS Vial : 25 Sample Multiplier: 1

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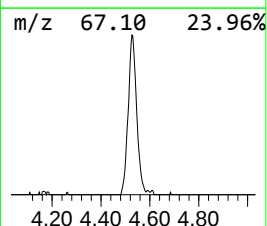
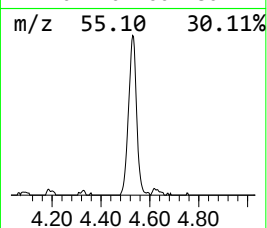
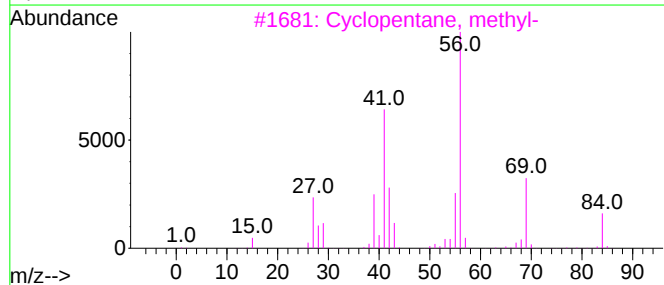
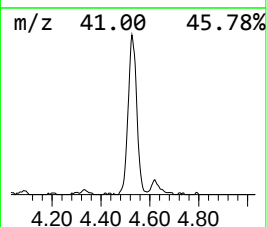
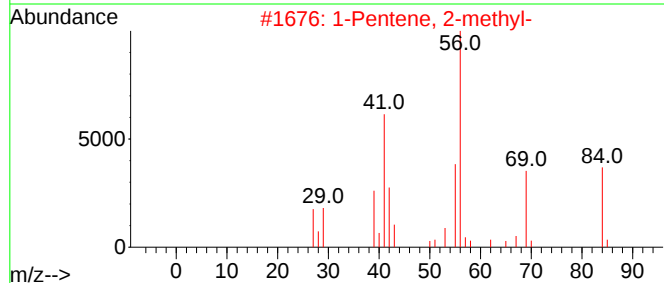
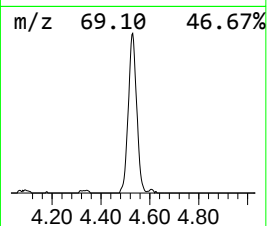
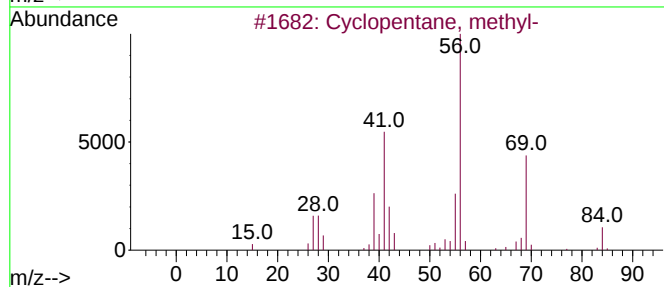
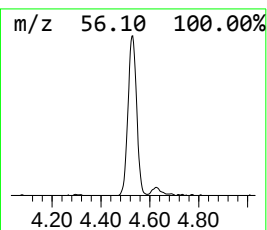
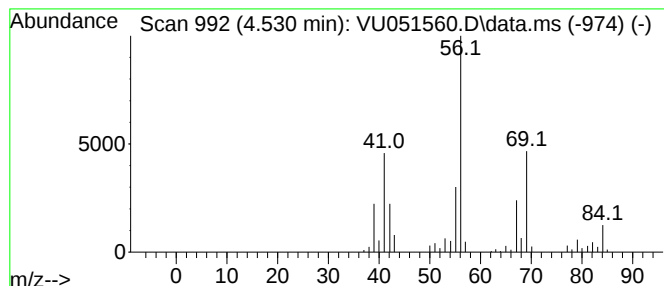
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic4.530 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	2.21 ug/L	268241	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			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4			Cyclohexane	84	C6H12	000110-82-7	64
5			Cyclohexane	84	C6H12	000110-82-7	64



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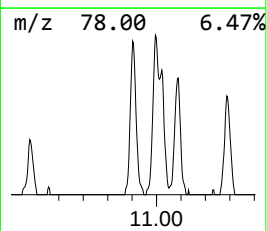
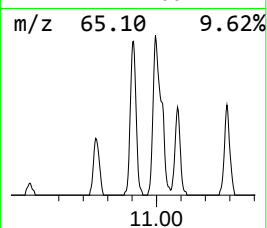
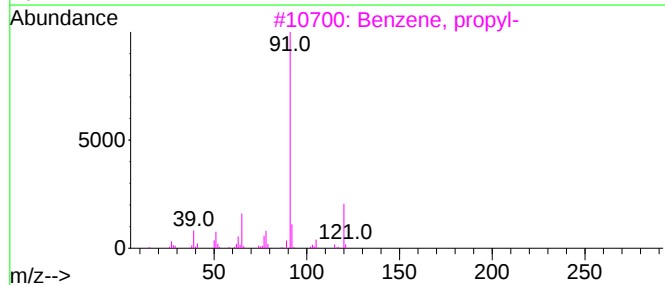
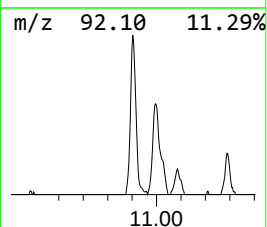
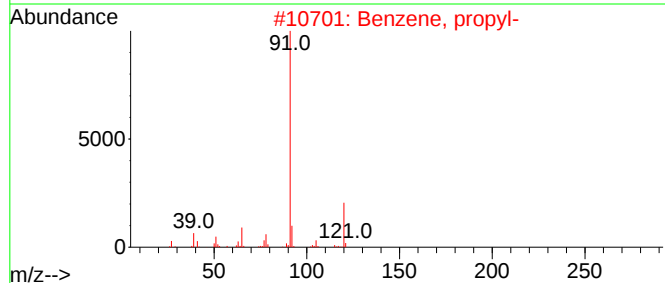
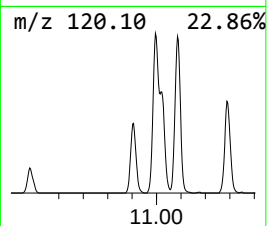
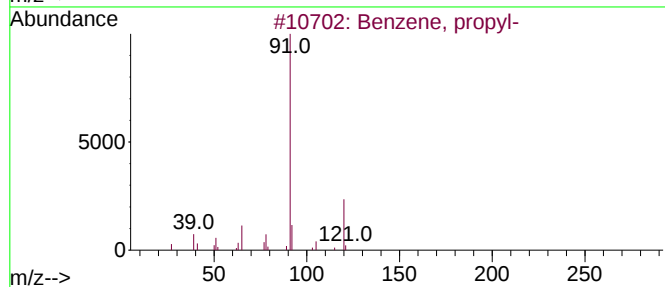
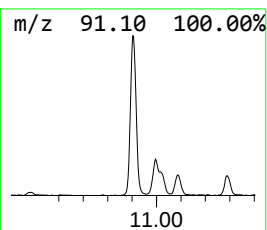
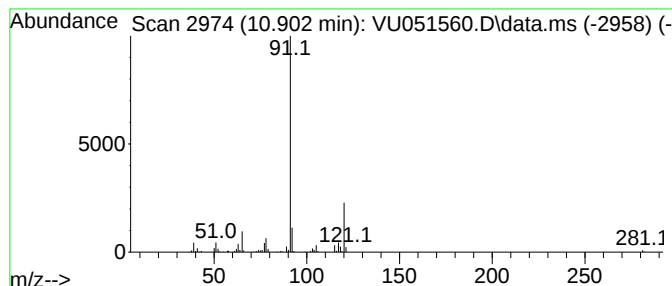
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	1.27 ug/L	193868	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	81
3			Benzene, propyl-	120	C9H12	000103-65-1	81
4			Benzene, propyl-	120	C9H12	000103-65-1	74
5			N-Butylbenzylamine	163	C11H17N	002403-22-7	72



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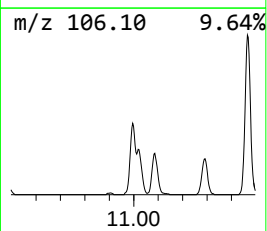
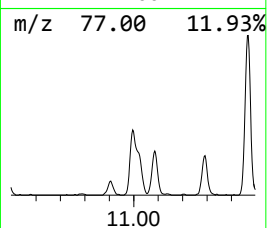
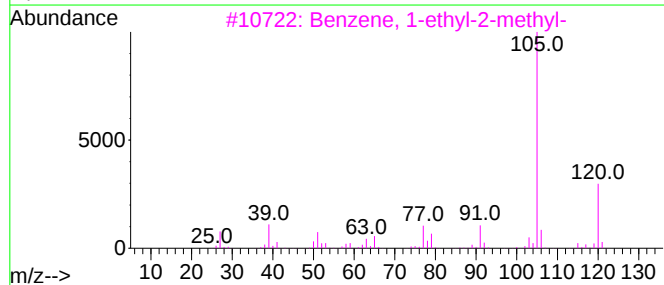
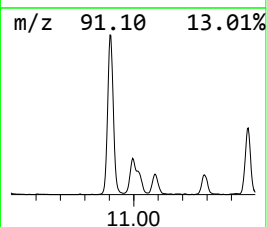
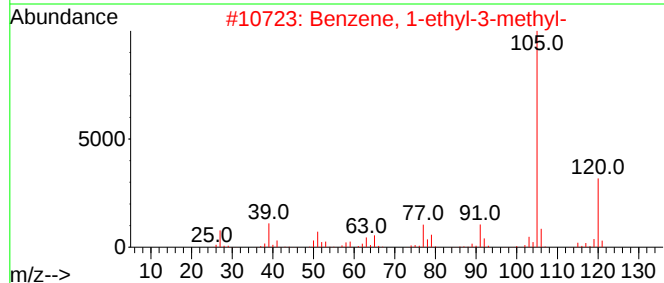
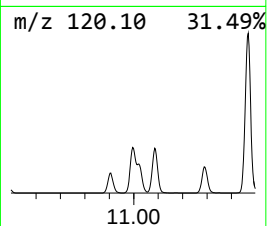
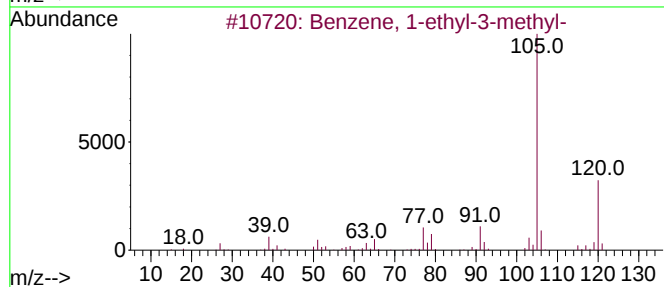
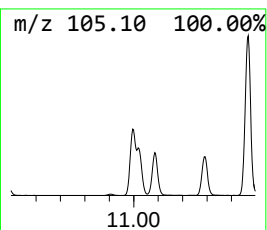
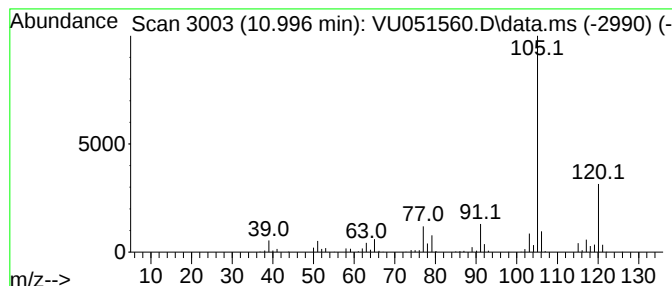
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.996	2.56 ug/L	391149	1,4-Dichlorobenzene-d4	11.812

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-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

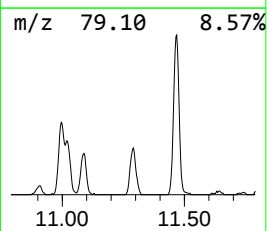
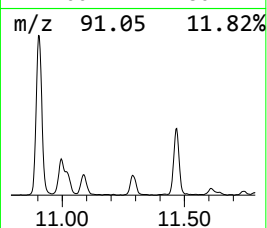
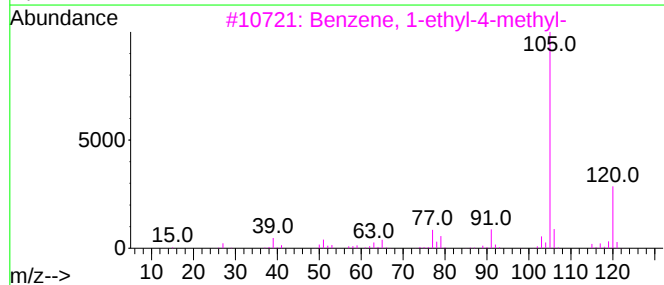
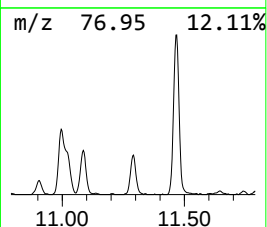
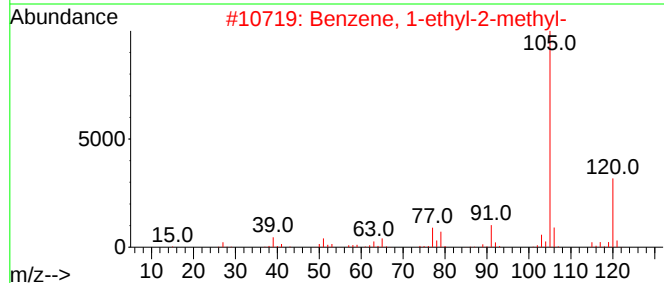
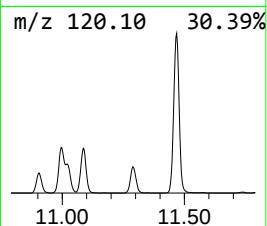
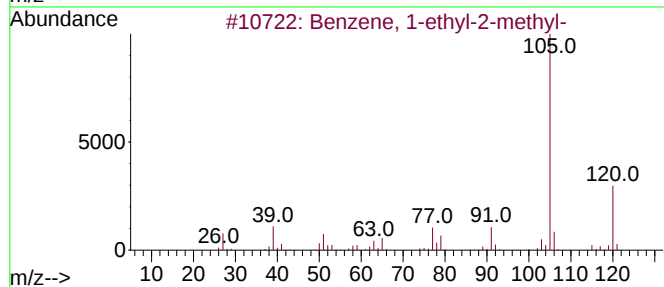
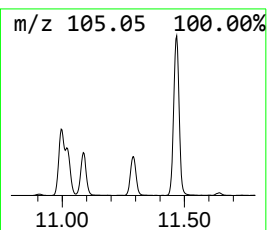
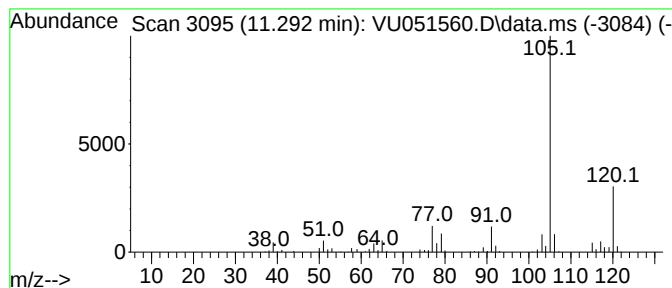
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	1.43 ug/L	218317	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	93
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5			Mesitylene	120	C9H12	000108-67-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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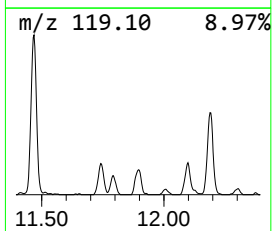
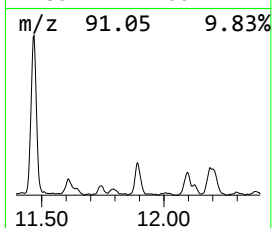
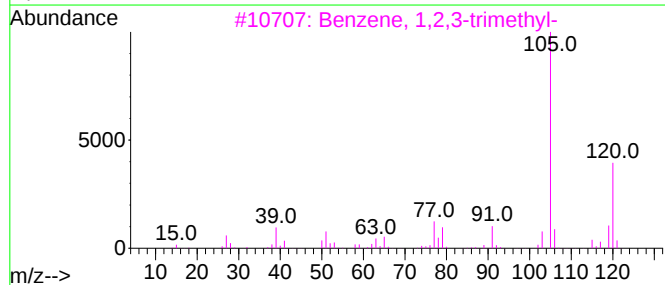
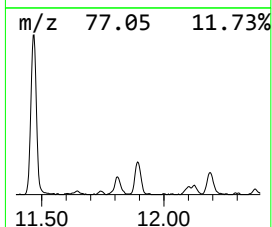
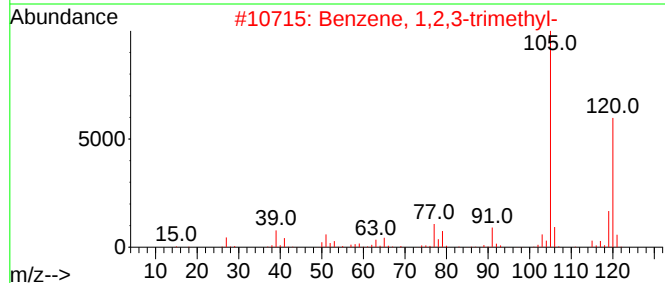
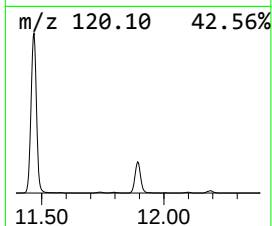
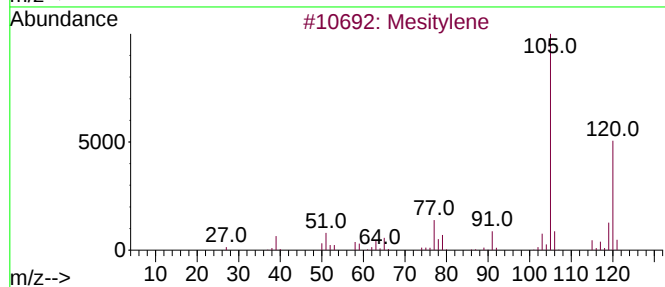
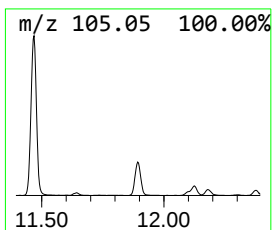
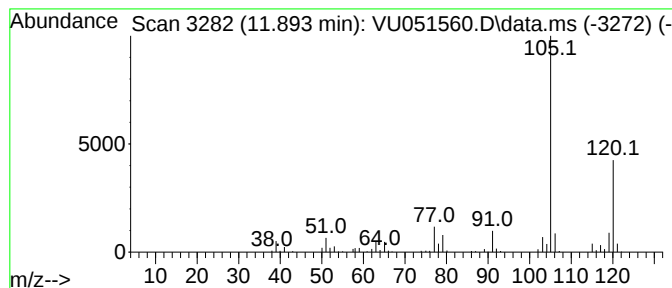
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	1.31 ug/L	200009	1,4-Dichlorobenzene-d4	11.812

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			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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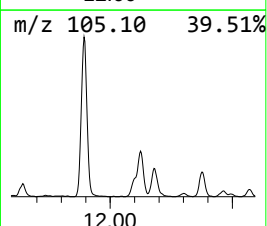
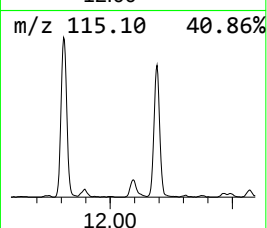
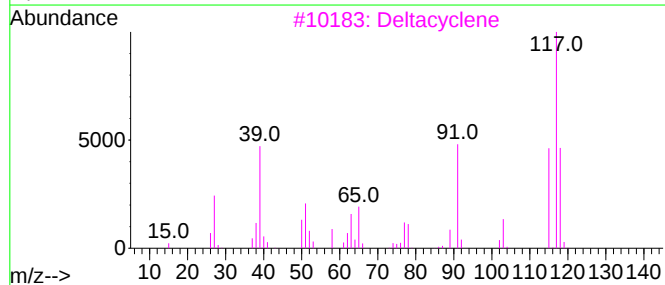
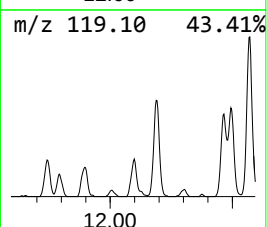
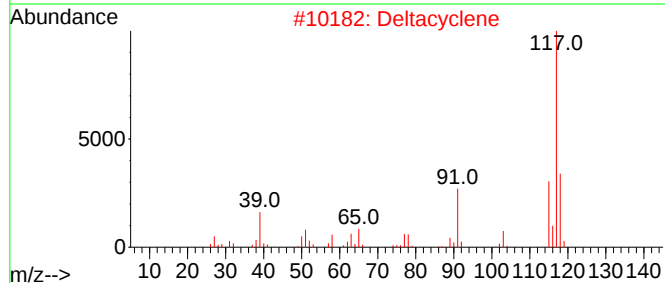
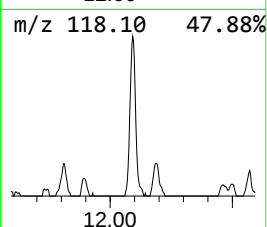
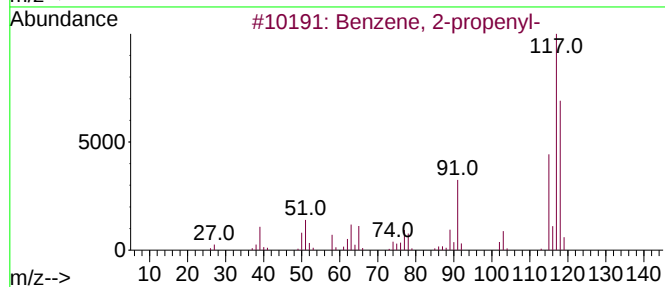
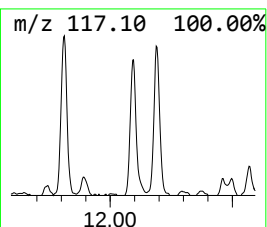
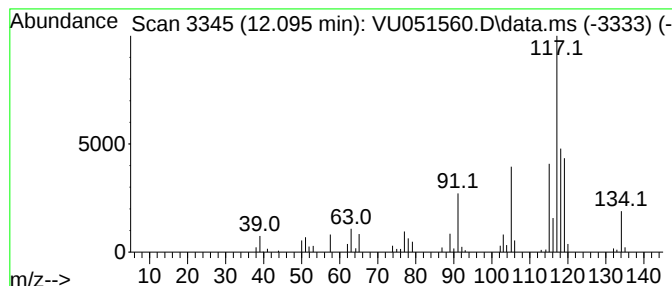
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	0.65 ug/L	98894	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
2			Deltacyclene	118	C9H10	007785-10-6	55
3			Deltacyclene	118	C9H10	007785-10-6	50
4			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

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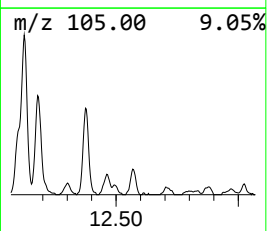
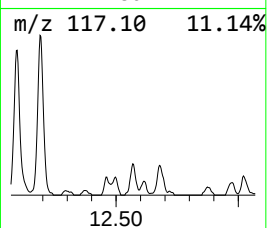
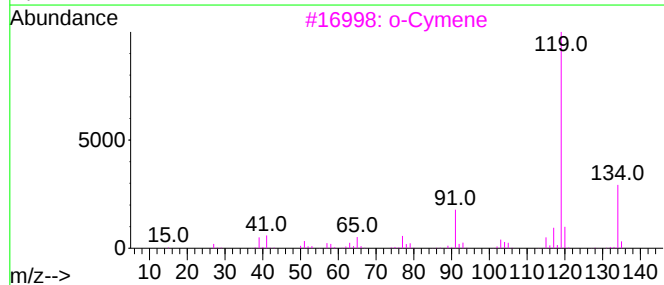
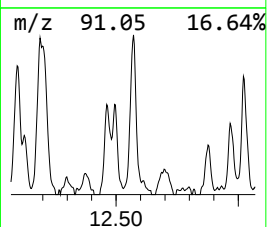
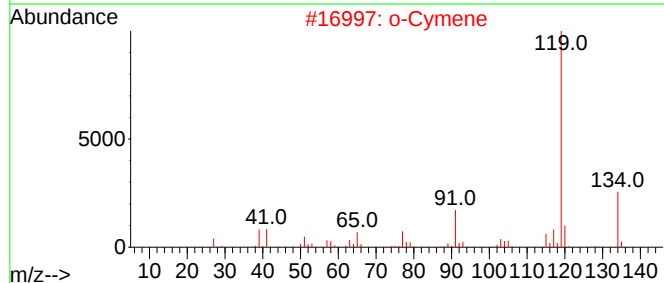
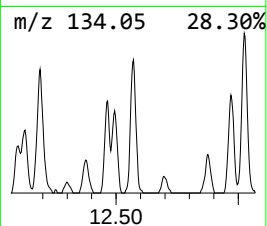
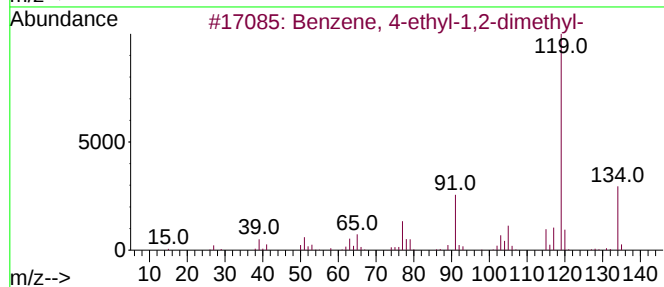
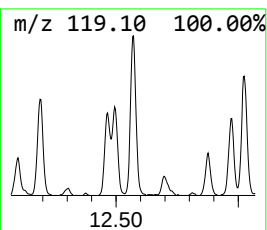
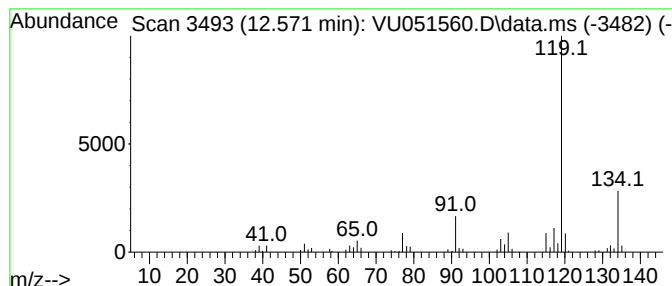
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	0.61 ug/L	93939	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	94
3			o-Cymene	134	C10H14	000527-84-4	94
4			p-Cymene	134	C10H14	000099-87-6	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
Data File : VU051560.D
Acq On : 27 Oct 2022 23:53
Operator : JC/MD
Sample : N5300-12DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA78DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.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
(DEL) Alkane: S...	3.359	2.1	ug/L	250907	1	6.247	607592	5.0
(DEL) Alkane: S...	3.697	1.1	ug/L	138483	1	6.247	607592	5.0
(DEL) Alkane: C...	4.530	2.2	ug/L	268241	1	6.247	607592	5.0
Benzene, propyl-	10.903	1.3	ug/L	193868	3	11.812	764983	5.0
Benzene, 1-ethy...	10.996	2.6	ug/L	391149	3	11.812	764983	5.0
Benzene, 1-ethy...	11.291	1.4	ug/L	218317	3	11.812	764983	5.0
Benzene, 1,2,3-...	11.893	1.3	ug/L	200009	3	11.812	764983	5.0
Benzene, 2-prop...	12.095	0.7	ug/L	98894	3	11.812	764983	5.0
Benzene, 4-ethy...	12.571	0.6	ug/L	93939	3	11.812	764983	5.0