

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046881.D
 Acq On : 27 Jan 2022 19:51
 Operator : SY/MD
 Sample : N1273-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7

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\SFAMUTR011822WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU046881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.362	3	7	29	rVB	376505	380439	30.89%	5.731%
2	1.494	42	48	54	rBV	41192	40289	3.27%	0.607%
3	1.607	70	83	94	rBV4	541802	804099	65.30%	12.112%
4	1.665	95	101	110	rBV2	73331	84832	6.89%	1.278%
5	1.739	117	124	134	rBV	79183	93376	7.58%	1.407%
6	1.916	172	179	197	rVB2	66925	105622	8.58%	1.591%
7	2.002	200	206	218	rVB	34195	47326	3.84%	0.713%
8	2.163	249	256	264	rVB	33295	45045	3.66%	0.679%
9	2.324	301	306	329	rVB3	35485	100294	8.14%	1.511%
10	2.424	329	337	345	rVV2	19568	28633	2.33%	0.431%
11	2.475	345	353	363	rVB2	10118	15595	1.27%	0.235%
12	2.575	373	384	400	rBV2	80437	142941	11.61%	2.153%
13	3.025	516	524	538	rVB	15103	30162	2.45%	0.454%
14	3.877	774	789	810	rVB2	19795	50584	4.11%	0.762%
15	4.671	1012	1036	1062	rBV2	492864	1231415	100.00%	18.549%
16	5.067	1142	1159	1177	rBV	73527	159310	12.94%	2.400%
17	5.729	1345	1365	1376	rBV3	141174	376362	30.56%	5.669%
18	6.025	1442	1457	1474	rBV3	18791	37235	3.02%	0.561%
19	6.253	1511	1528	1551	rBV	124631	237674	19.30%	3.580%
20	6.546	1605	1619	1637	rBV	99561	191578	15.56%	2.886%
21	6.693	1651	1665	1683	rBV	89378	174013	14.13%	2.621%
22	7.568	1925	1937	1951	rBV2	40456	69858	5.67%	1.052%
23	7.899	2027	2040	2057	rBV	153687	275484	22.37%	4.150%
24	7.970	2057	2062	2075	rVB2	8973	14240	1.16%	0.215%
25	8.182	2117	2128	2140	rBV	26283	41986	3.41%	0.632%
26	8.475	2204	2219	2232	rBV2	15685	28307	2.30%	0.426%
27	8.555	2232	2244	2258	rVV	154796	264950	21.52%	3.991%
28	8.636	2258	2269	2294	rVB	255740	450240	36.56%	6.782%
29	9.420	2499	2513	2535	rBV	188051	324152	26.32%	4.883%
30	10.758	2917	2929	2944	rBV	80564	128396	10.43%	1.934%
31	10.893	2959	2971	2985	rVB2	21612	35808	2.91%	0.539%
32	11.812	3245	3257	3278	rBV	190085	299644	24.33%	4.514%
33	12.057	3322	3333	3352	rBV	37947	65223	5.30%	0.982%
34	12.195	3360	3376	3393	rVB	162120	263576	21.40%	3.970%

Sum of corrected areas: 6638688

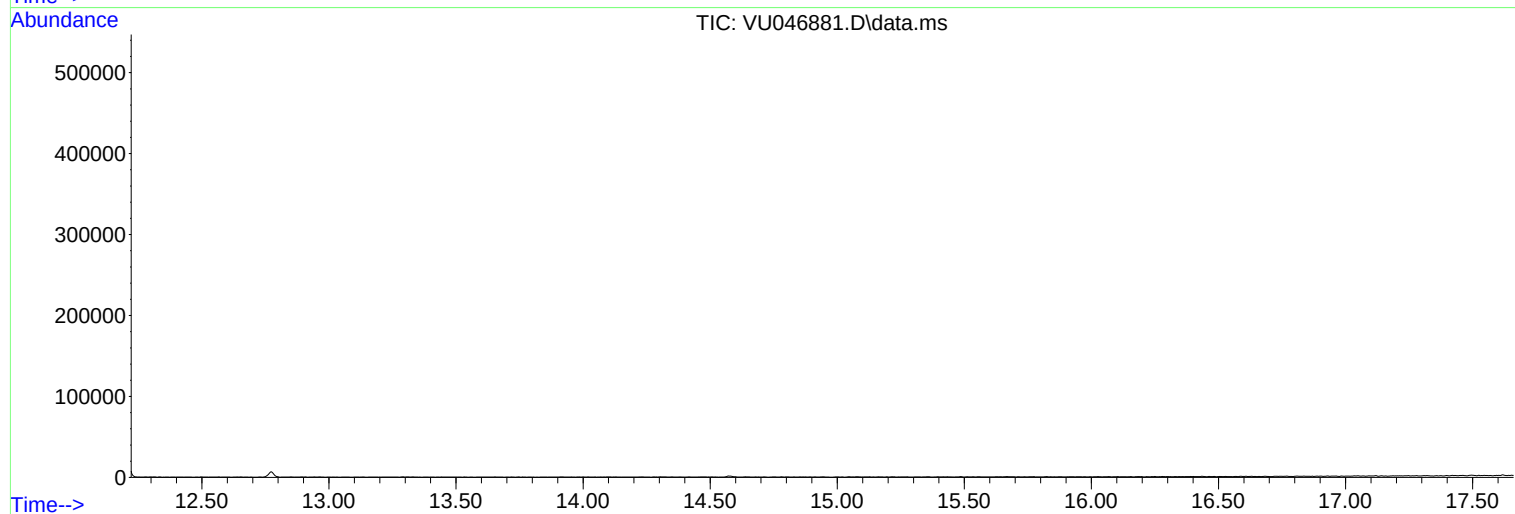
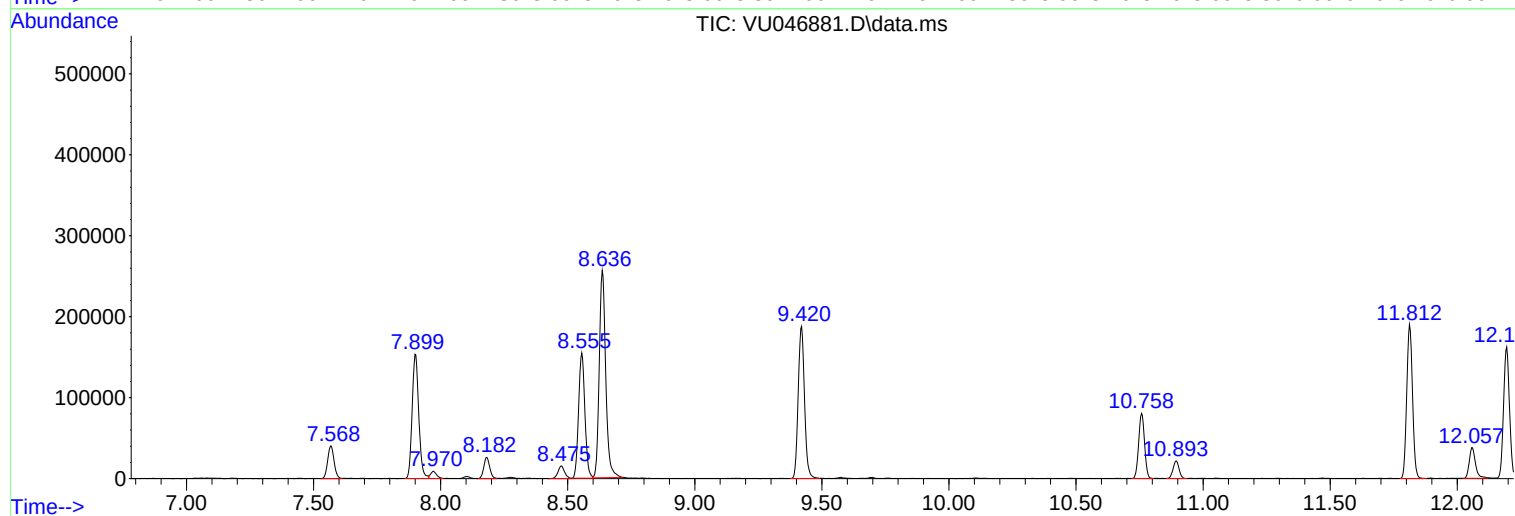
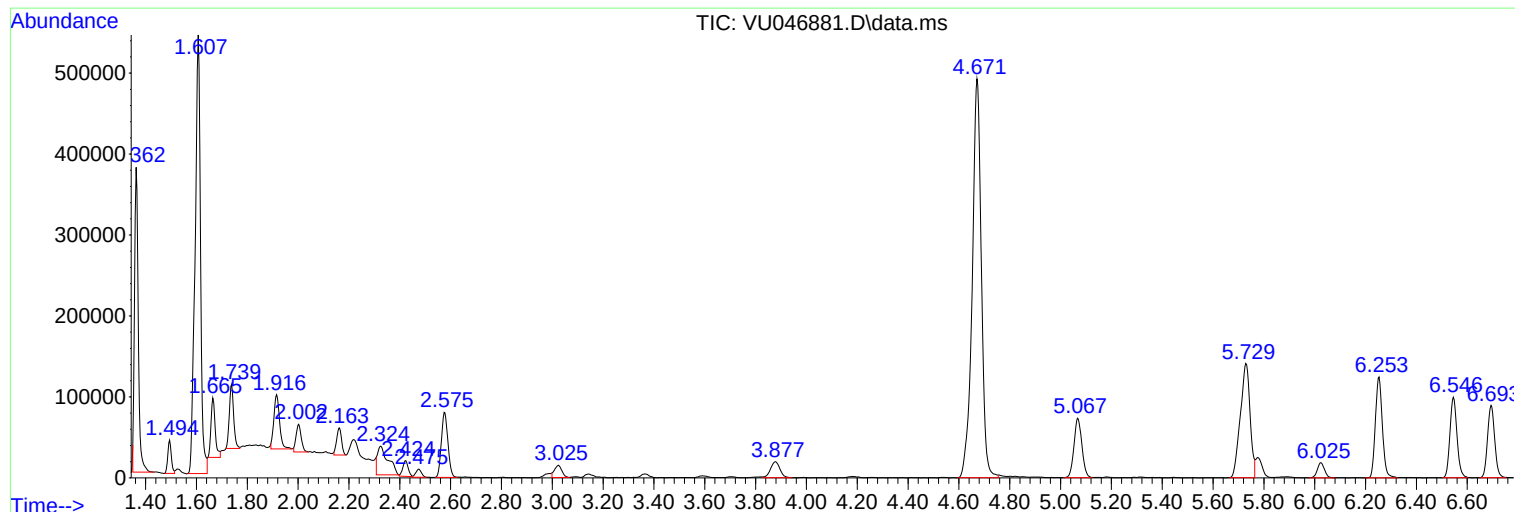
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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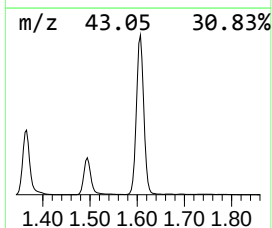
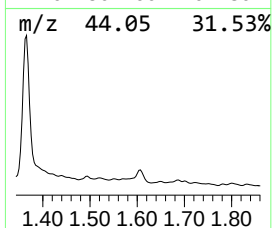
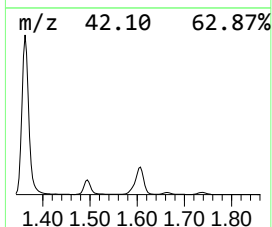
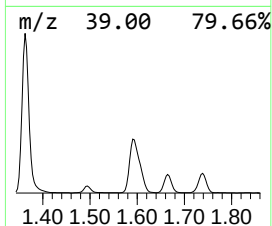
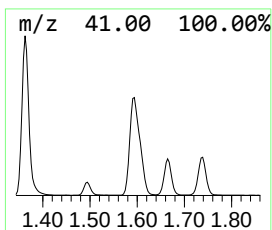
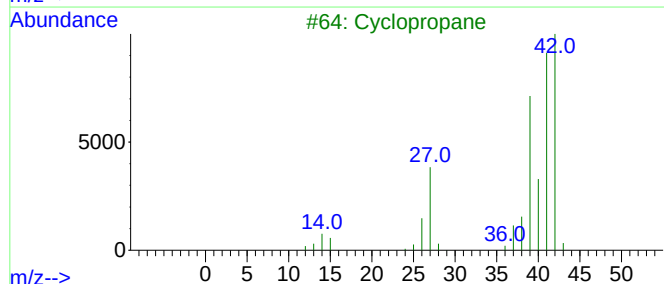
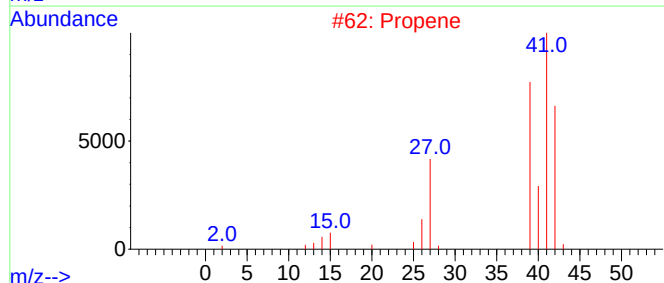
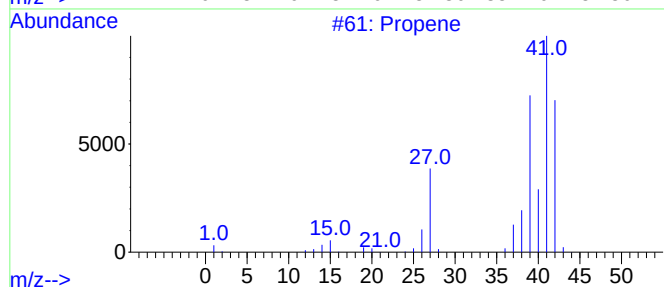
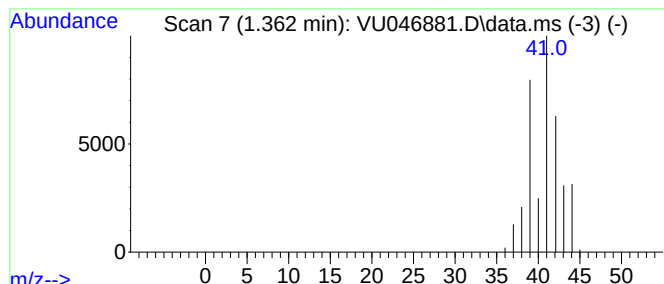
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.362	8.00 ug/L	380439	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropane	42	C3H6	000075-19-4	9
4			Cyclopropene	40	C3H4	002781-85-3	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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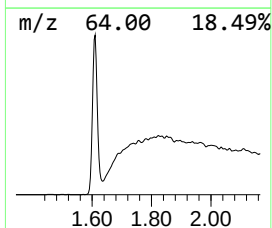
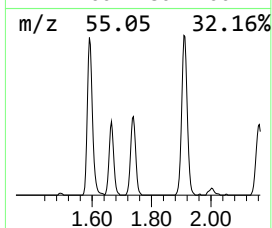
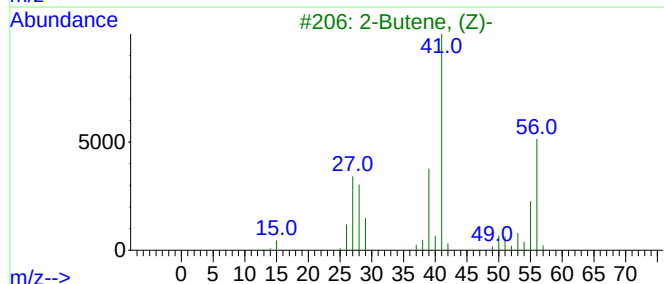
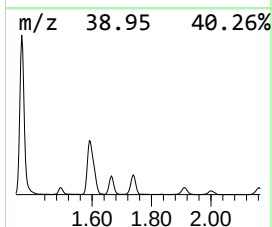
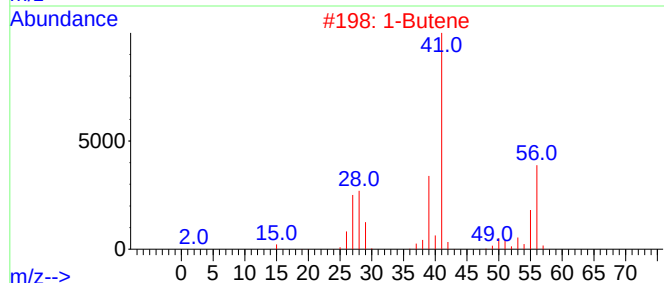
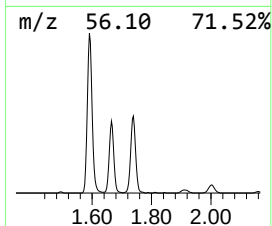
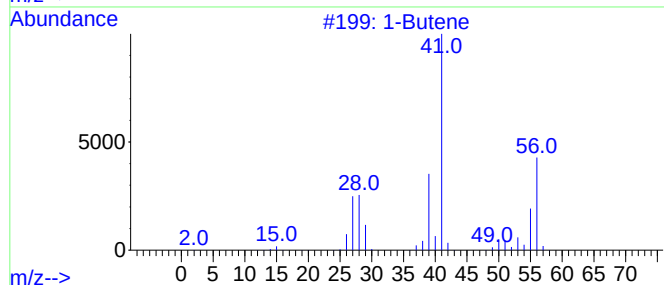
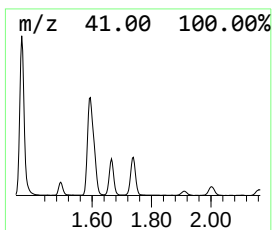
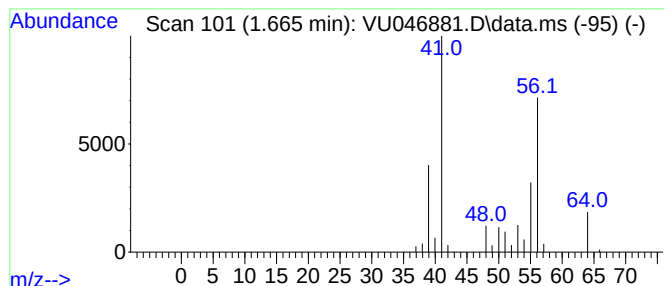
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.665	1.78 ug/L	84832	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene		56	C4H8	000106-98-9	70
2	1-Butene		56	C4H8	000106-98-9	62
3	2-Butene, (Z)-		56	C4H8	000590-18-1	58
4	2-Butene, (Z)-		56	C4H8	000590-18-1	58
5	2-Butene, (Z)-		56	C4H8	000590-18-1	58



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ALS Vial : 26 Sample Multiplier: 1

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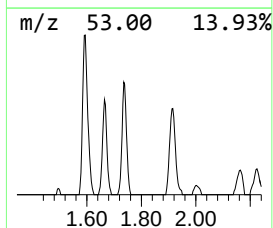
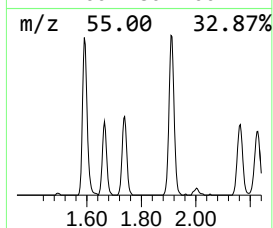
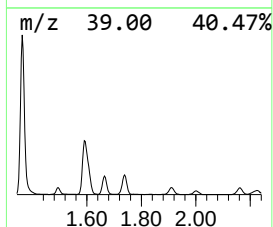
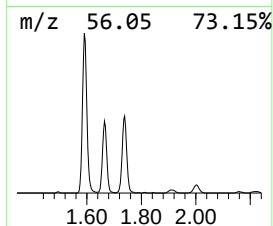
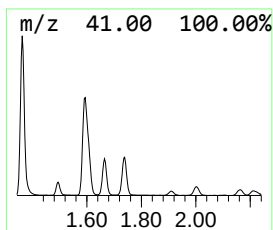
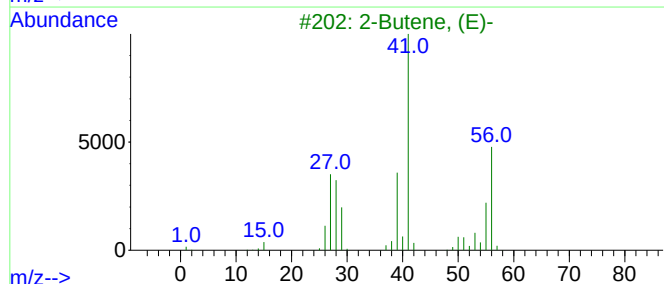
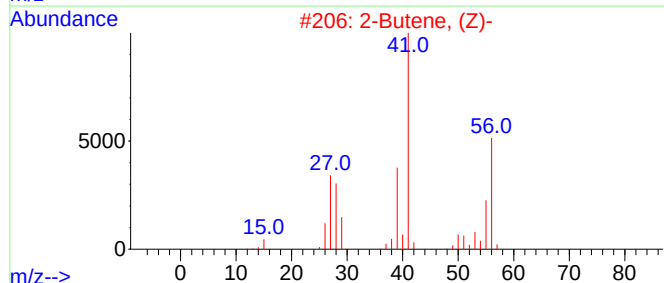
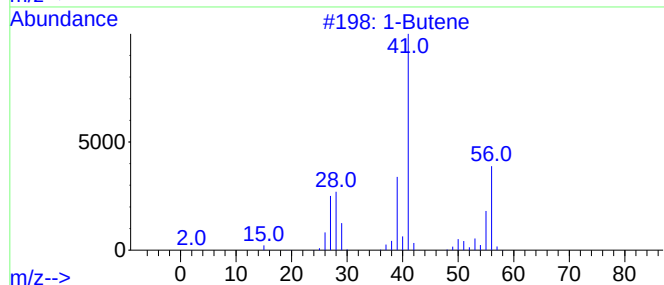
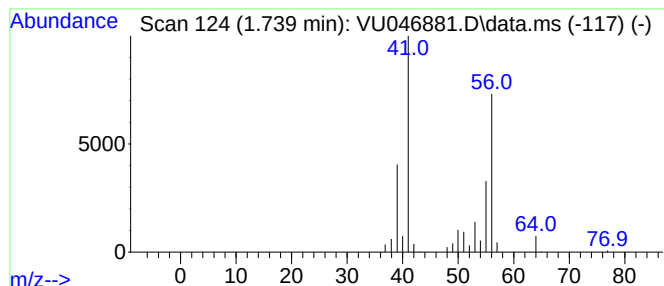
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.739	1.96 ug/L	93376	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Butene	56	C4H8	000106-98-9	80
2		2-Butene, (Z)-	56	C4H8	000590-18-1	74
3		2-Butene, (E)-	56	C4H8	000624-64-6	74
4		2-Butene, (Z)-	56	C4H8	000590-18-1	74
5		2-Butene, (E)-	56	C4H8	000624-64-6	72



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Misc : 25.0mL/MSVOA_U/WATER
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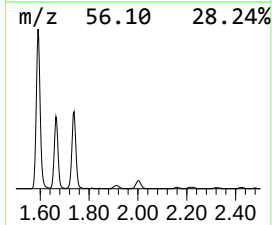
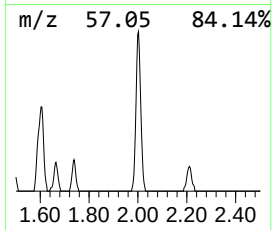
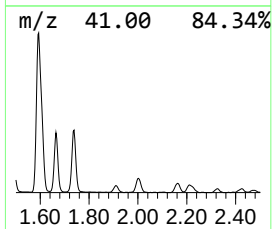
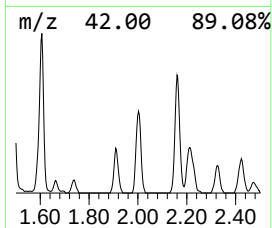
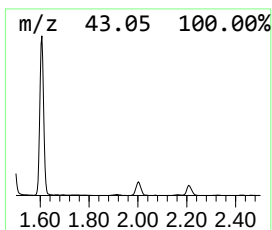
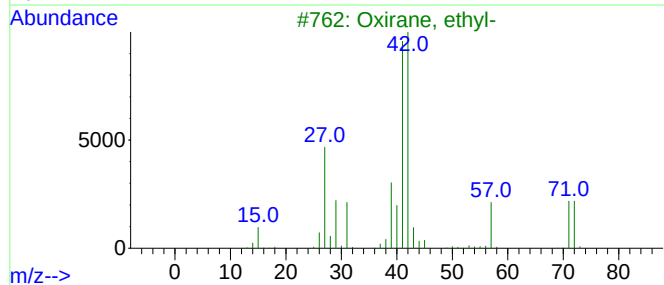
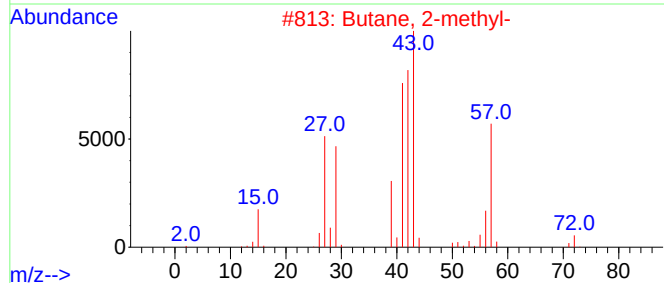
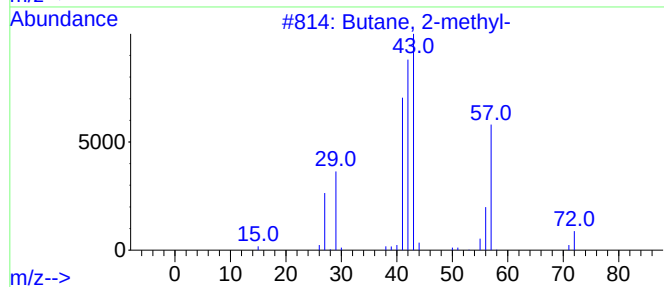
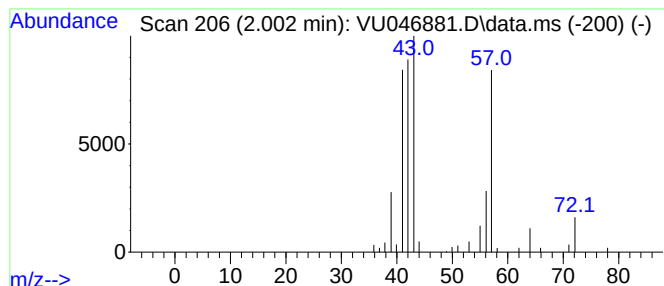
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.002	1.00 ug/L	47326	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	86
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			Oxirane, ethyl-	72	C4H8O	000106-88-7	47
4			Pentane	72	C5H12	000109-66-0	47
5			2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	40



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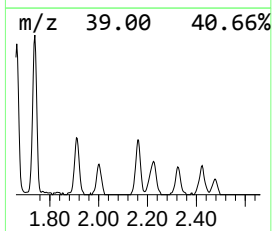
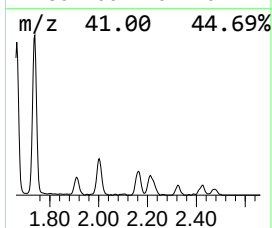
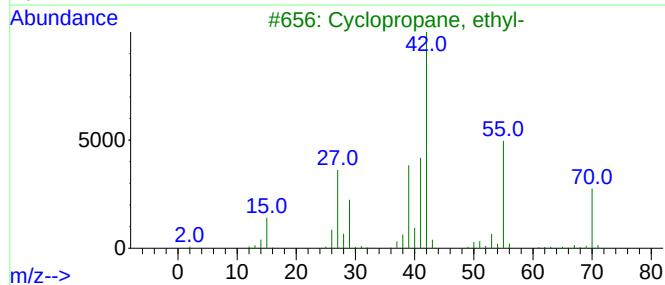
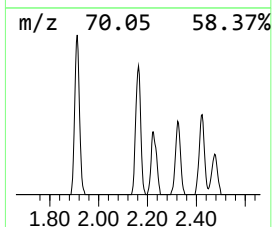
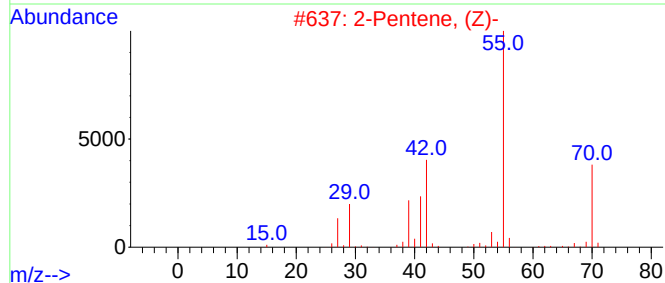
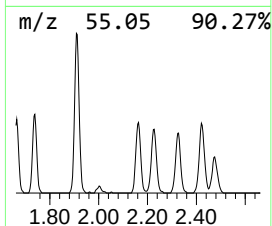
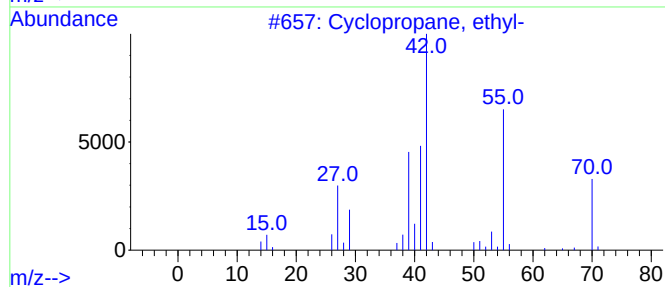
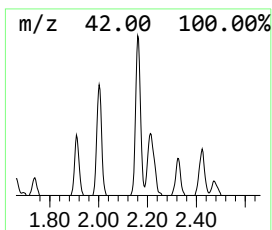
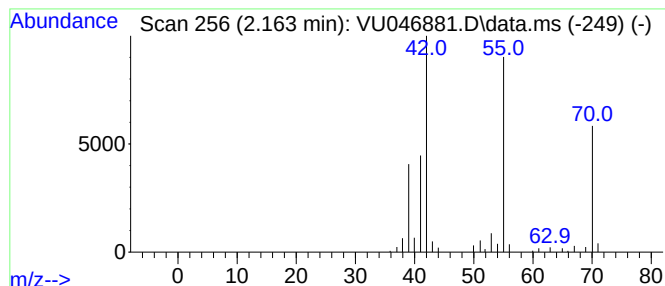
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Cyclic2.163 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	0.95 ug/L	45045	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	86
2			2-Pentene, (Z)-	70	C5H10	000627-20-3	80
3			Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4			1-Pentene	70	C5H10	000109-67-1	74
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	68



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C0HK7

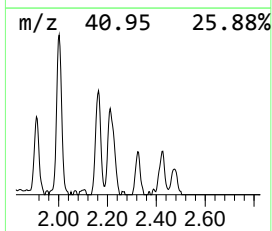
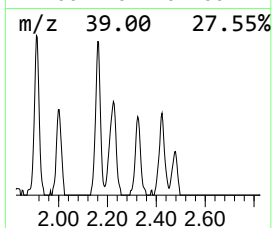
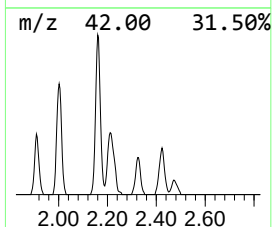
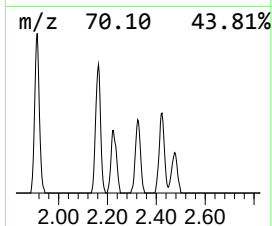
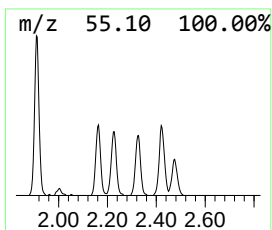
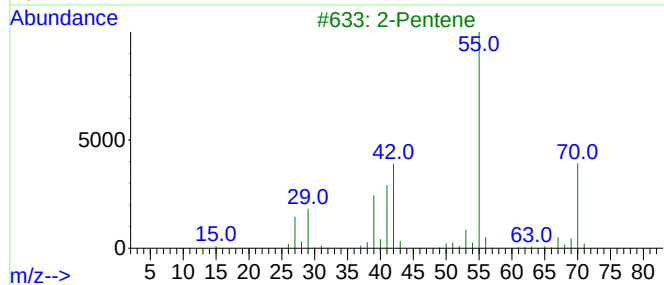
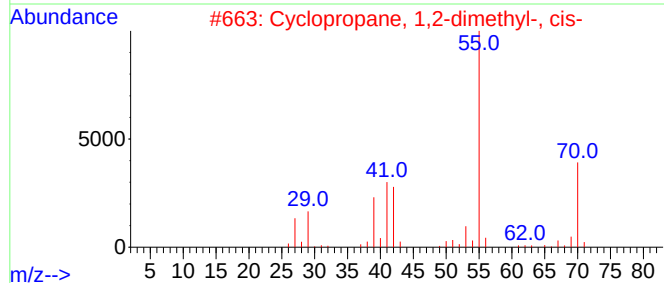
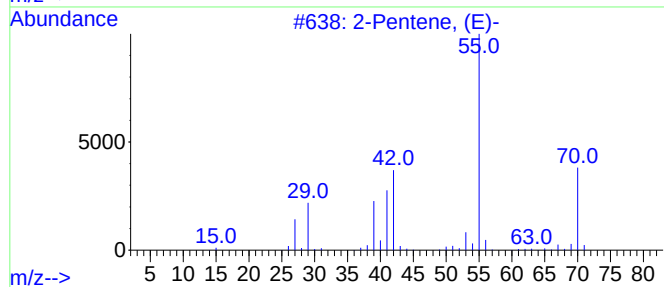
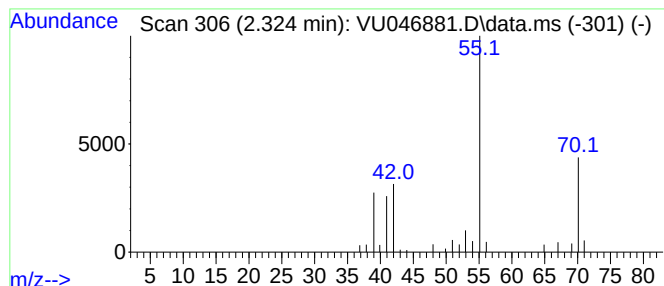
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	2.11 ug/L	100294	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-			70	C5H10	000646-04-8	87
2	Cyclopropane, 1,2-dimethyl-, cis-			70	C5H10	000930-18-7	86
3	2-Pentene			70	C5H10	000109-68-2	86
4	2-Butene, 2-methyl-			70	C5H10	000513-35-9	86
5	2-Methyl-1-butene			70	C5H10	000563-46-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046881.D
Acq On : 27 Jan 2022 19:51
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

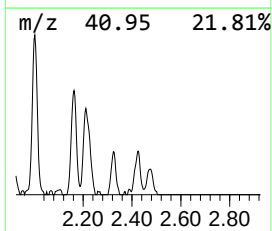
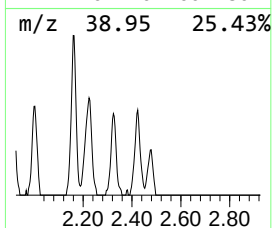
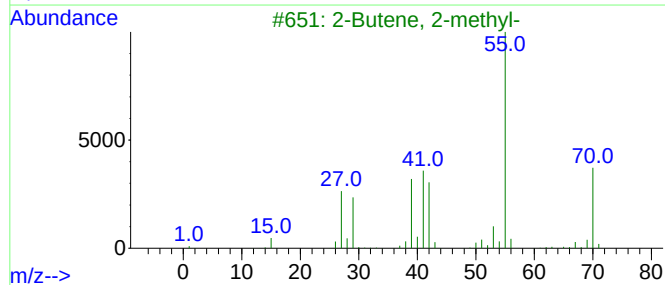
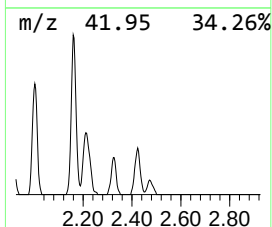
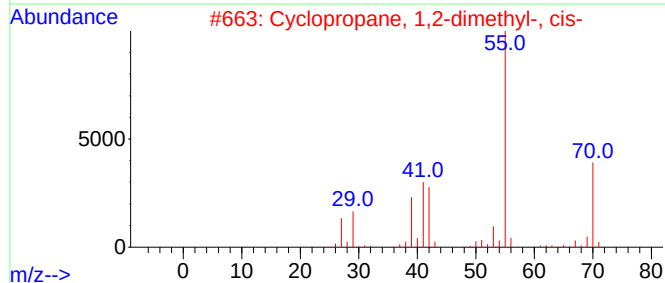
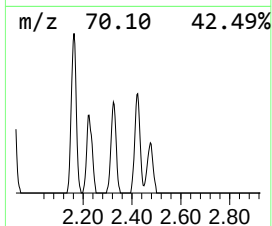
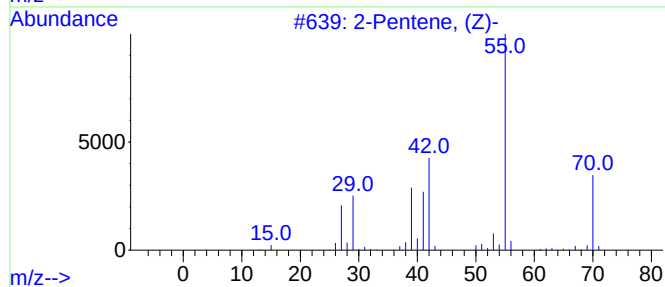
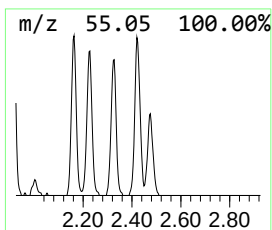
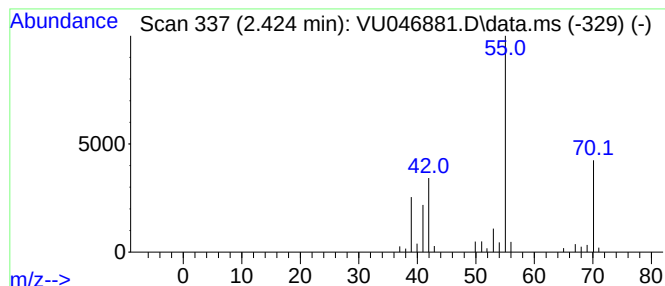
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.424	0.60 ug/L	28633	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-		70	C5H10	000627-20-3	90
2	Cyclopropane, 1,2-dimethyl-, cis-		70	C5H10	000930-18-7	90
3	2-Butene, 2-methyl-		70	C5H10	000513-35-9	90
4	2-Pentene		70	C5H10	000109-68-2	86
5	2-Methyl-1-butene		70	C5H10	000563-46-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046881.D
Acq On : 27 Jan 2022 19:51
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

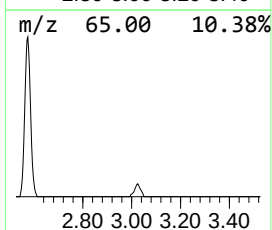
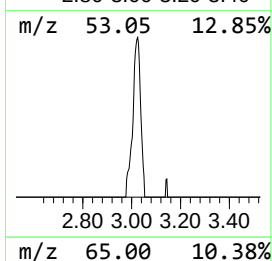
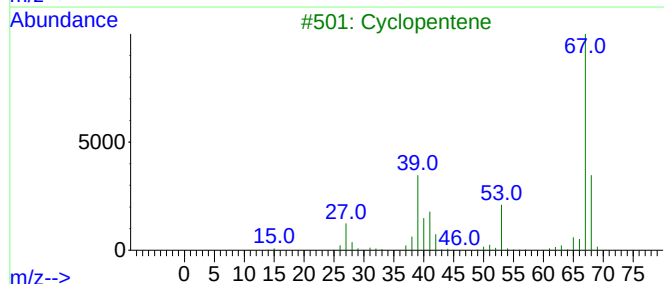
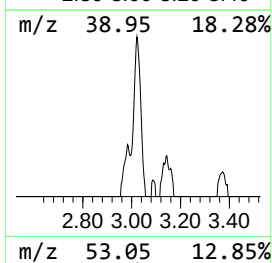
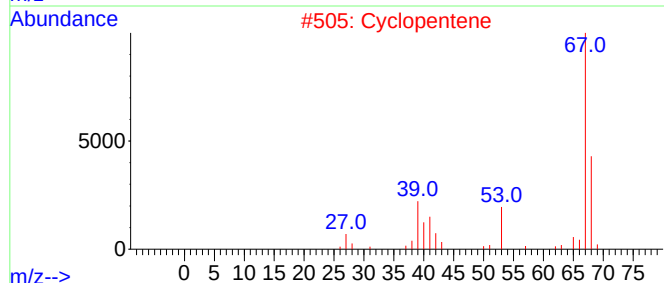
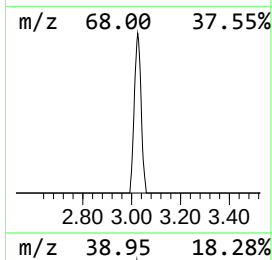
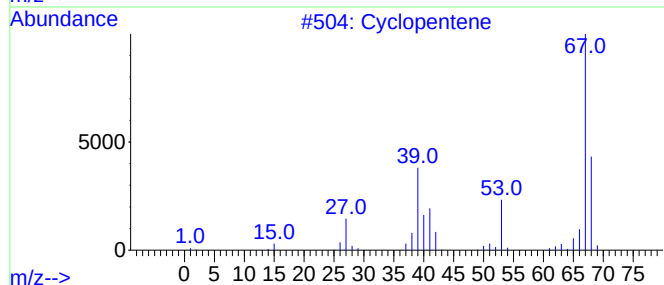
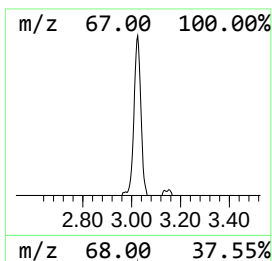
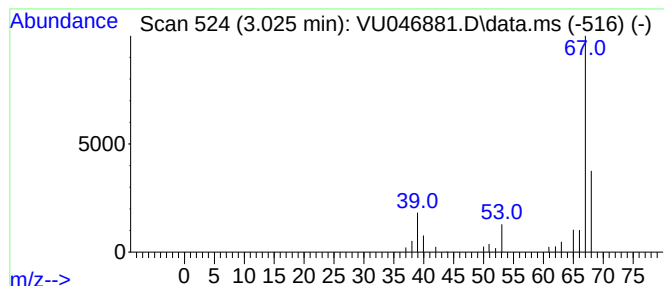
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Cyclopentene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	0.63 ug/L	30162	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene	68	C5H8	000142-29-0	72
2			Cyclopentene	68	C5H8	000142-29-0	72
3			Cyclopentene	68	C5H8	000142-29-0	72
4			Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	72
5			Cyclopropane, methylenemethylene-	68	C5H8	018631-84-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046881.D
Acq On : 27 Jan 2022 19:51
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

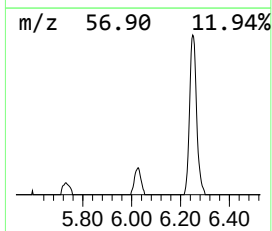
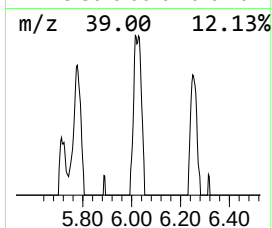
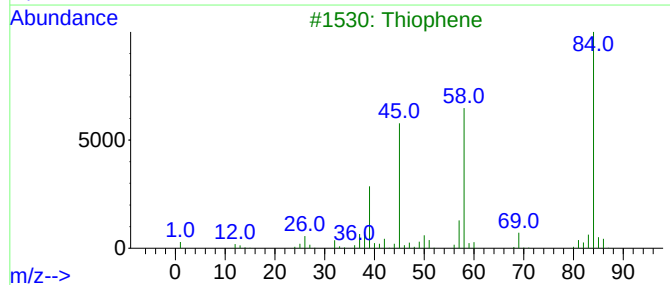
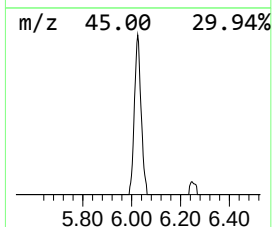
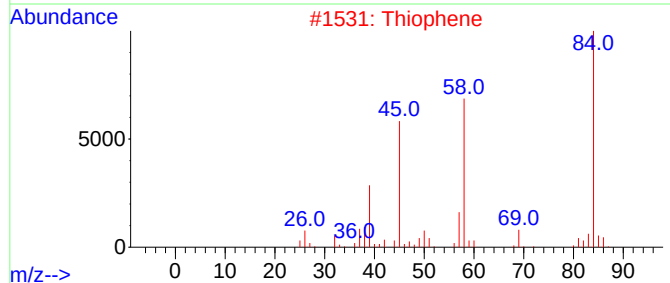
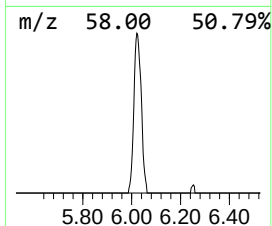
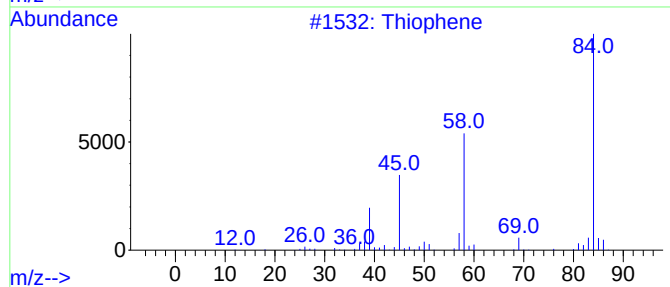
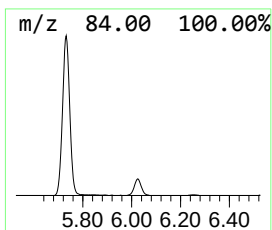
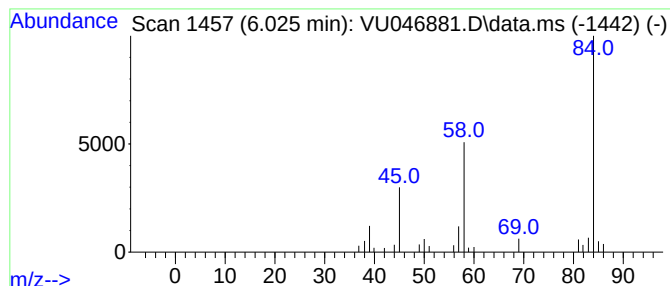
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.025	0.78 ug/L	37235	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene	84	C4H4S	000110-02-1	91
2			Thiophene	84	C4H4S	000110-02-1	83
3			Thiophene	84	C4H4S	000110-02-1	80
4			Thiophene	84	C4H4S	000110-02-1	59
5			4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046881.D
Acq On : 27 Jan 2022 19:51
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

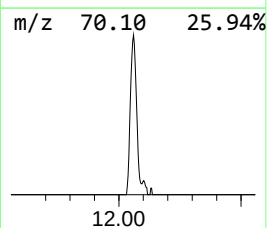
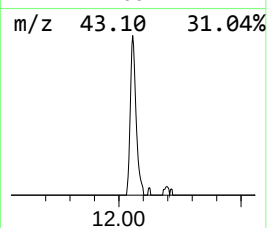
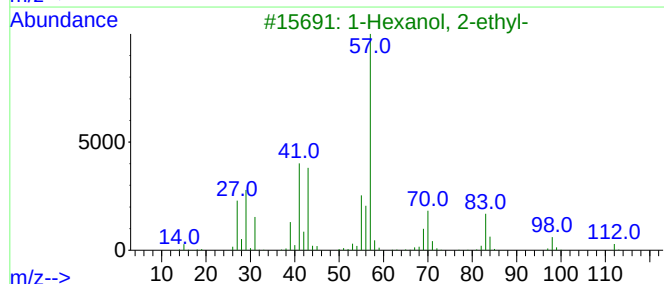
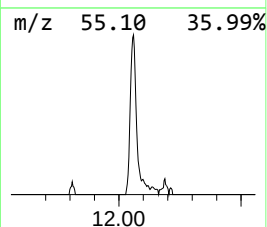
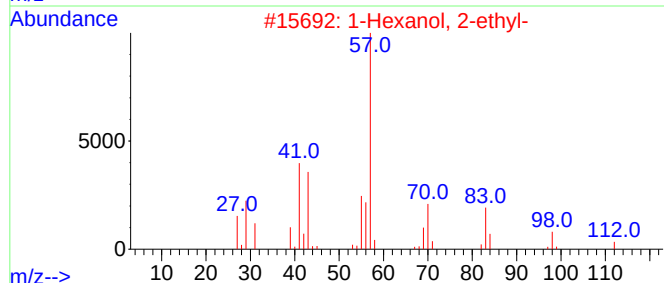
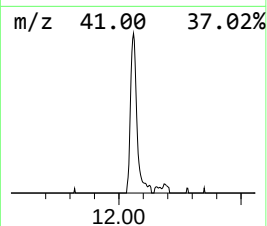
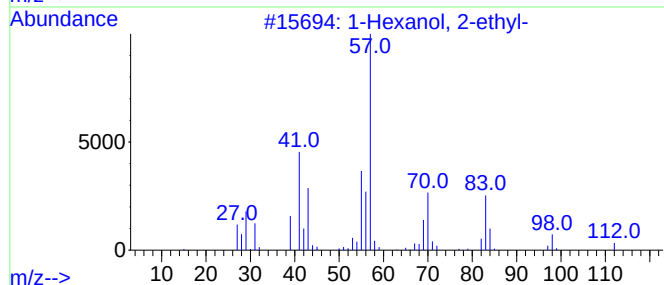
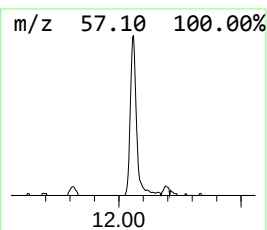
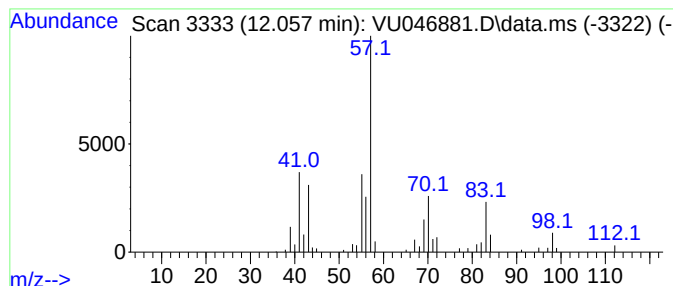
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	1.09 ug/L	65223	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046881.D
 Acq On : 27 Jan 2022 19:51
 Operator : SY/MD
 Sample : N1273-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.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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(DEL) Alkane: S...	1.665	1.8	ug/L	84832	1	6.253	237674	5.0
(DEL) Alkane: S...	1.739	2.0	ug/L	93376	1	6.253	237674	5.0
(DEL) Alkane: S...	2.002	1.0	ug/L	47326	1	6.253	237674	5.0
(DEL) Alkane: C...	2.163	0.9	ug/L	45045	1	6.253	237674	5.0
(DEL) Alkane: S...	2.324	2.1	ug/L	100294	1	6.253	237674	5.0
(DEL) Alkane: S...	2.424	0.6	ug/L	28633	1	6.253	237674	5.0
Cyclopentene	3.025	0.6	ug/L	30162	1	6.253	237674	5.0
Thiophene	6.025	0.8	ug/L	37235	1	6.253	237674	5.0
1-Hexanol, 2-et...	12.057	1.1	ug/L	65223	3	11.812	299644	5.0