LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 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: VU046957.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	24	rVB	388954	399140	30.71%	5.530%
2	1.494	42	48	55	rBV	42418	42622	3.28%	0.591%
3	1.607	71	83	95	rBV4	640470	977015	75.18%	13.537%
4	1.665	96	101	109	rVV	78507	94943	7.31%	1.316%
5	1.739	118	124	133	rVB	86644	98257	7.56%	1.361%
6	1.915	172	179	196	rVB2	83294	135194	10.40%	1.873%
7	2.002	201	206	221	rVB2	37114	53721	4.13%	0.744%
8	2.163	250	256	264	rVB2	38223	53579	4.12%	0.742%
9	2.327	301	307	316	rVB2	20143	27391	2.11%	0.380%
10	2.423	329	337	346	rVV	20514	30667	2.36%	0.425%
11	2.475	346	353	365	rVB2	9922	16124	1.24%	0.223%
12	2.578	373	385	406	rBV2	113212	197519	15.20%	2.737%
13	3.025	499	524	538	rBV5	16506	45174	3.48%	0.626%
14	3.880	774	790	805	rVB2	20832	49732	3.83%	0.689%
15	4.674	1014	1037	1071	rBV2	517286	1299585	100.00%	18.007%
16	5.070	1142	1160	1177	rBV	84629	188294	14.49%	2.609%
17	5.732	1343	1366	1377	rBV2	168802	445912	34.31%	6.178%
18	6.028	1445	1458	1473	rBV3	18641	37920	2.92%	0.525%
19	6.253	1515	1528	1553	rBV	127372	248514	19.12%	3.443%
20	6.545	1606	1619	1637	rBV	102131	199913	15.38%	2.770%
21	6.693	1651	1665	1685	rBV	103093	203942	15.69%	2.826%
22	7.568	1925	1937	1950	rBV	49710	86675	6.67%	1.201%
23	7.902	2027	2041	2057	rBV	175806	323022	24.86%	4.476%
24	7.970	2057	2062	2073	rVB2	9338	15341	1.18%	0.213%
25	8.182	2116	2128	2146	rBV	31448	53381	4.11%	0.740%
26	8.555	2232	2244	2258	rBV2	147845	254076	19.55%	3.520%
27	8.639	2258	2270	2306	rVB	281333	544092	41.87%	7.539%
28	9.420	2501	2513	2537	rBV	194035	344269	26.49%	4.770%
29	10.758	2917	2929	2945	rBV	92733	148567	11.43%	2.058%
30	11.812	3245	3257	3278	rBV	185501	292820	22.53%	4.057%
31	12.060	3323	3334	3350	rBV2	20478	35225	2.71%	0.488%
32	12.195	3363	3376	3391	rBV	173262	274629	21.13%	3.805%

Sum of corrected areas: 7217255

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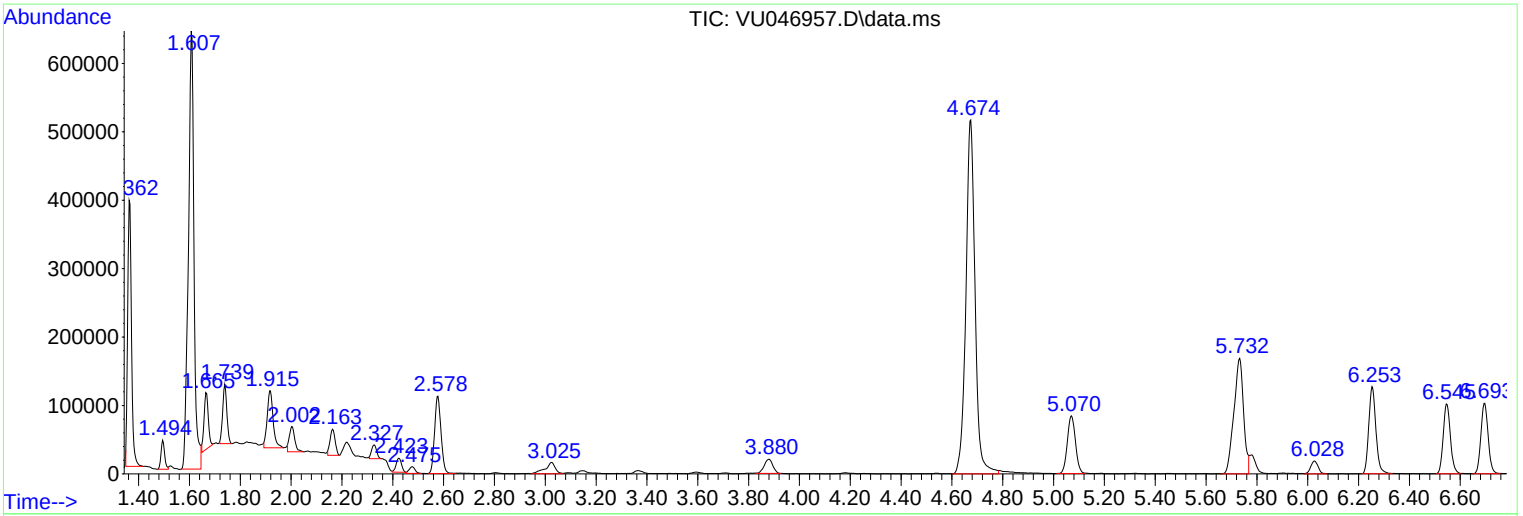
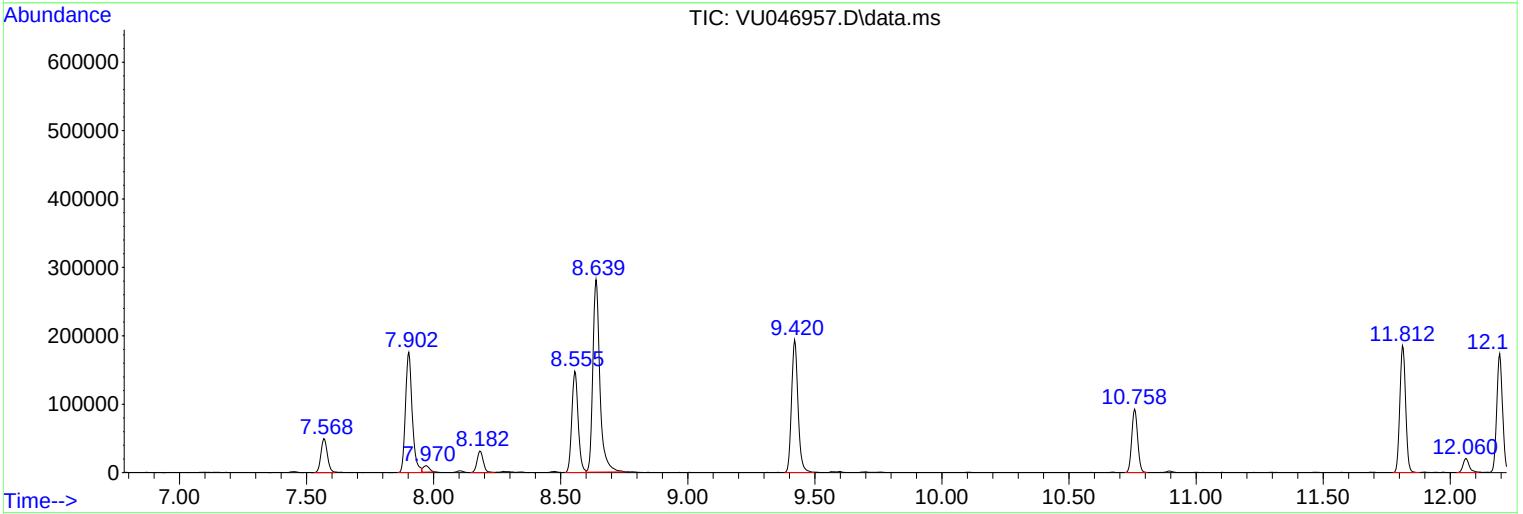
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

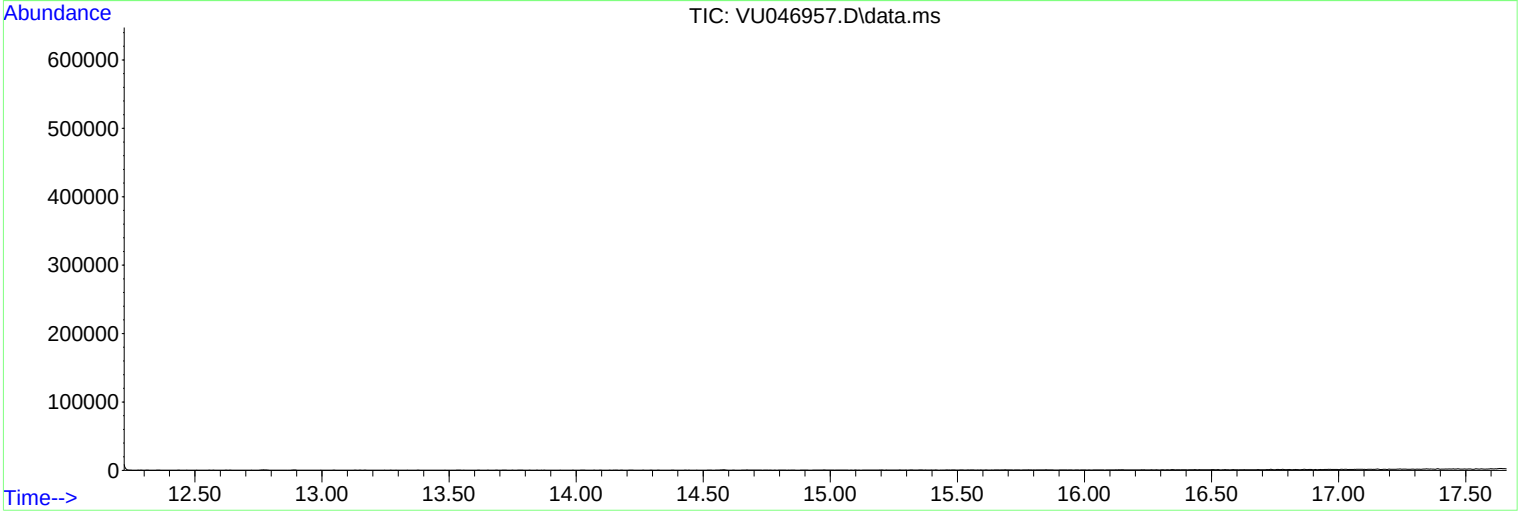
Instrument :
MSVOA_U
ClientSampleId :
C0HK7

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

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







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Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

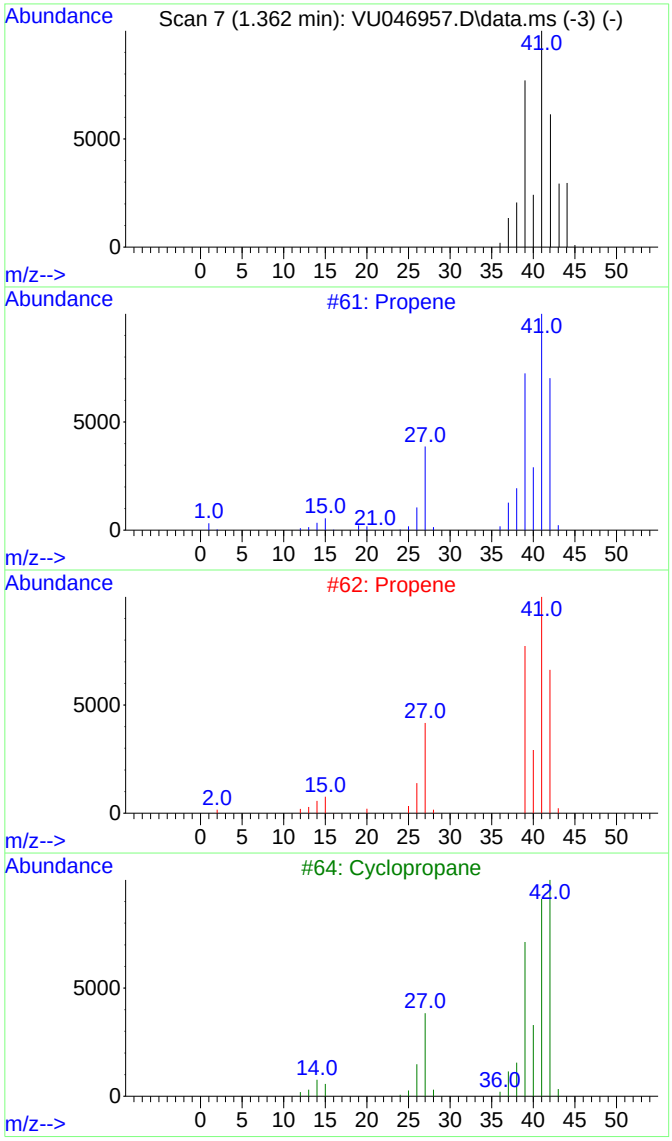
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

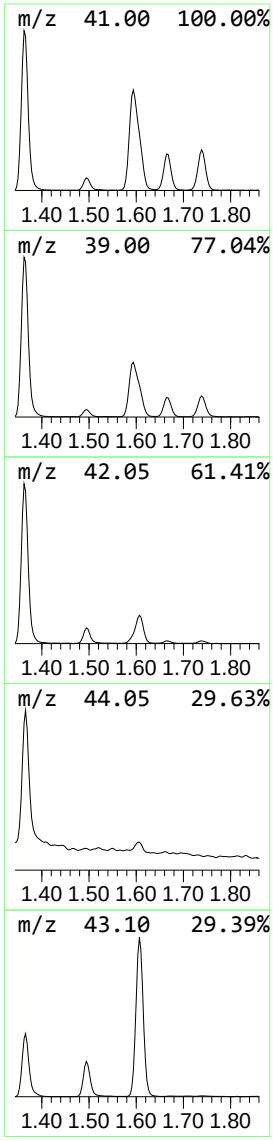
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.362	8.03 ug/L	399140	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

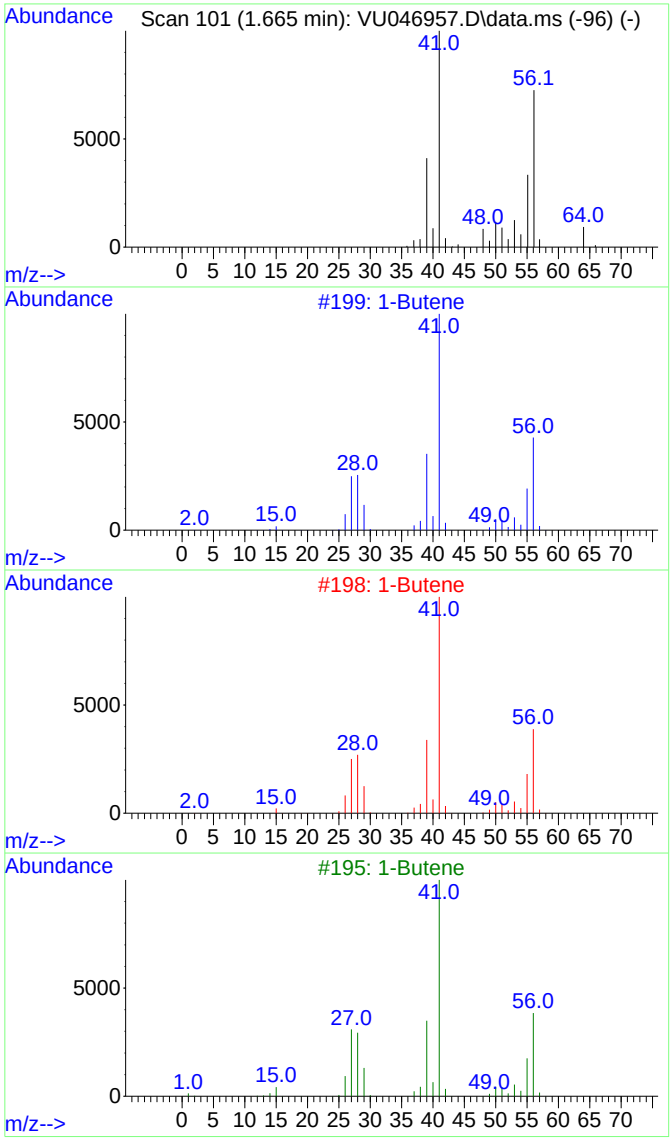
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

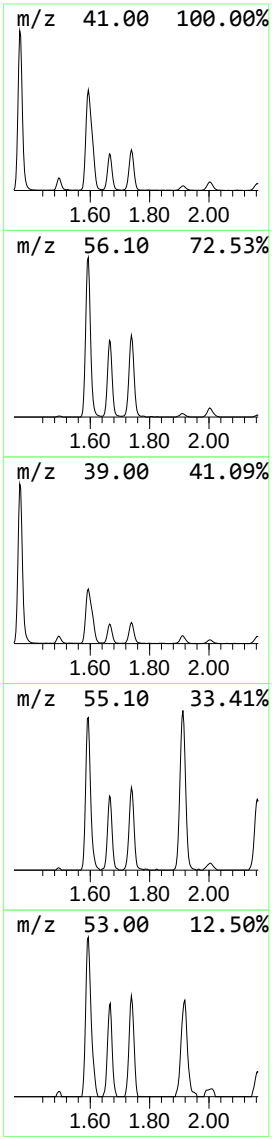
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.665	1.91 ug/L	94943	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	76
2	1-Butene	56	C4H8	000106-98-9	68
3	1-Butene	56	C4H8	000106-98-9	68
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	68
5	2-Butene, (Z)-	56	C4H8	000590-18-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

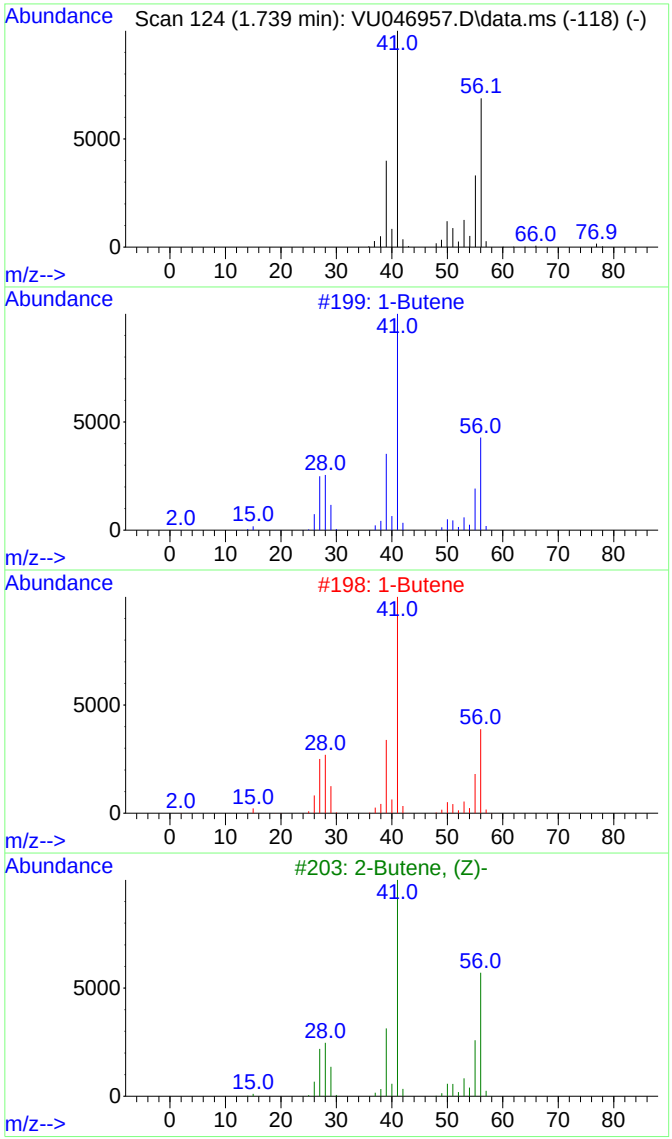
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

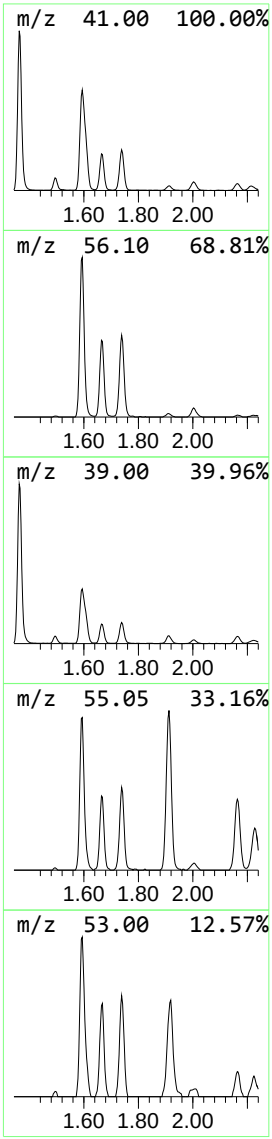
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.739	1.98 ug/L	98257	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Butene	56	C4H8	000106-98-9	83
3	2-Butene, (Z)-	56	C4H8	000590-18-1	83
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	1-Butene	56	C4H8	000106-98-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

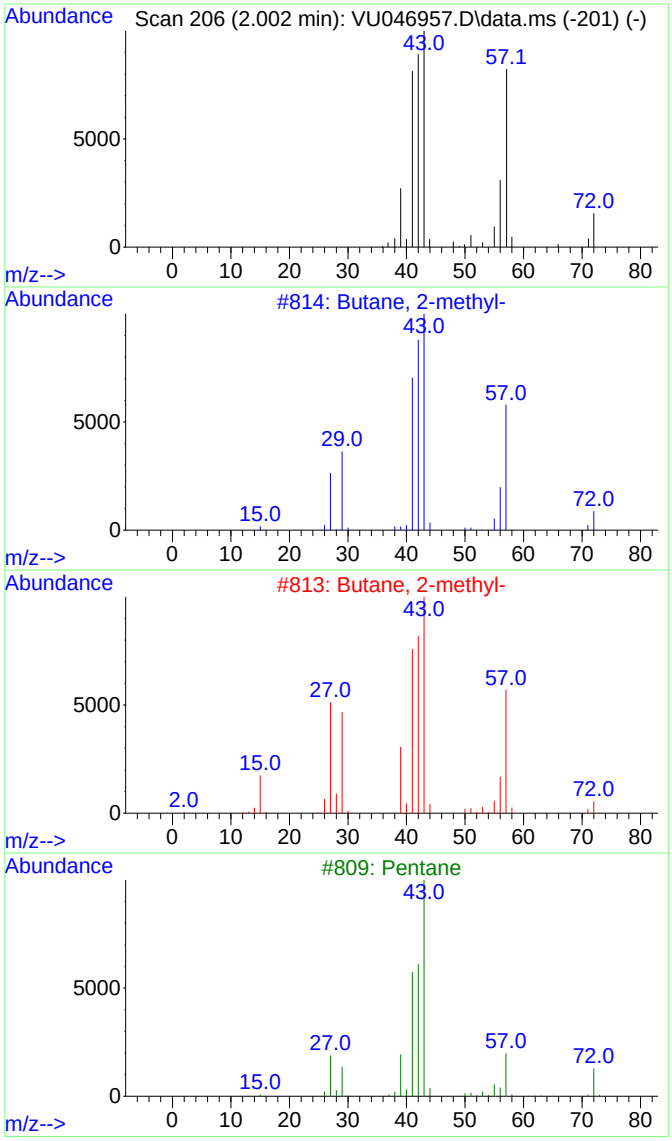
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

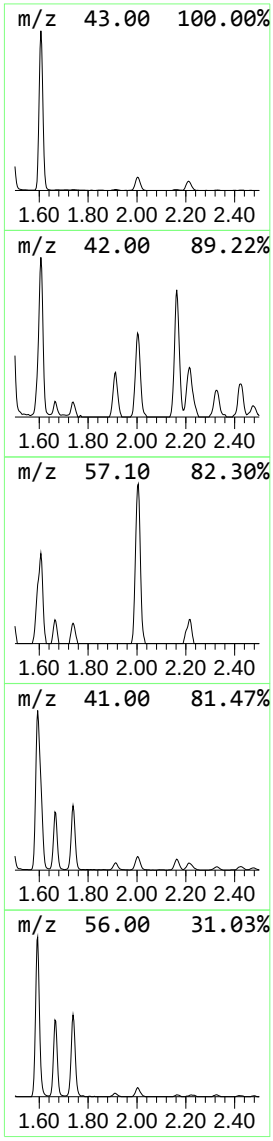
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.002	1.08 ug/L	53721	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	83
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	50
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

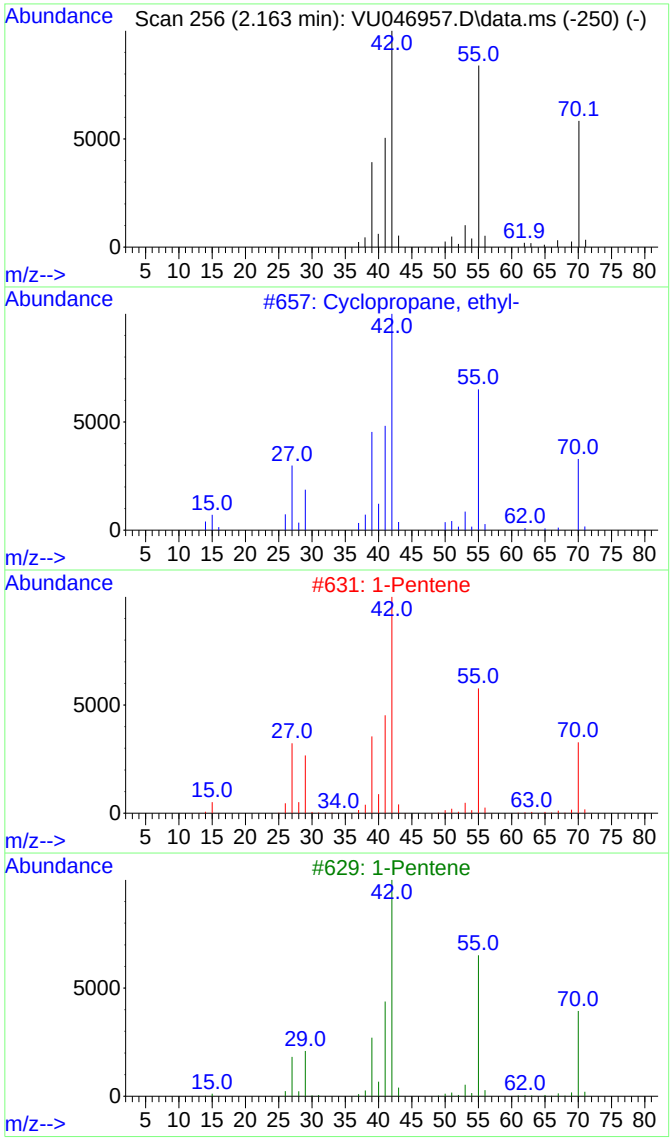
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

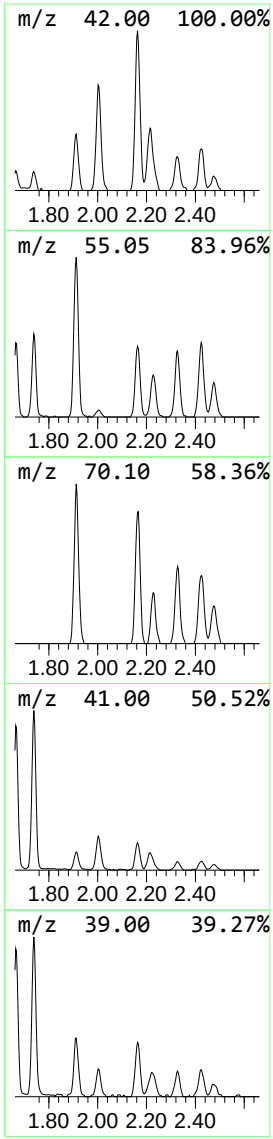
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic2.163 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	1.08 ug/L	53579	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	1-Pentene	70	C5H10	000109-67-1	76
3	1-Pentene	70	C5H10	000109-67-1	74
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	58
5	Cyclopentane	70	C5H10	000287-92-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

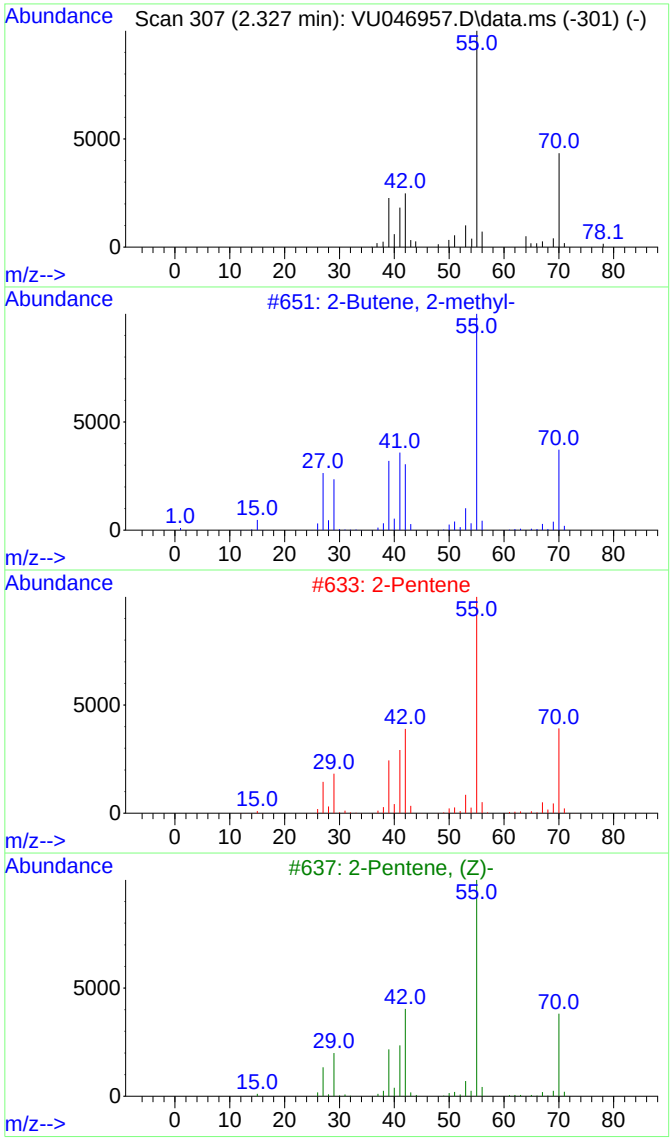
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

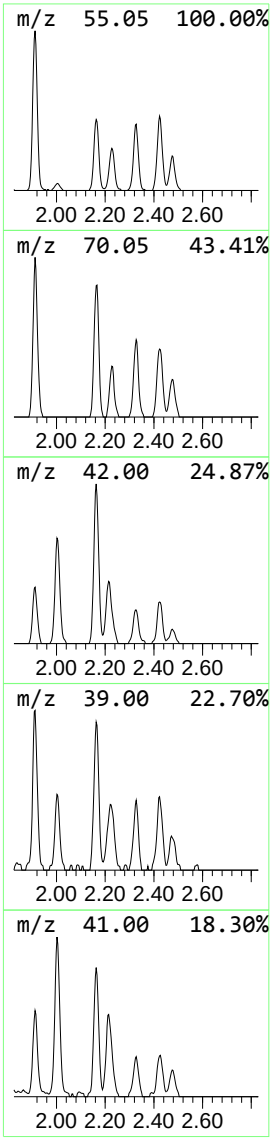
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.327	0.55 ug/L	27391	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
2	2-Pentene	70	C5H10	000109-68-2	86
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

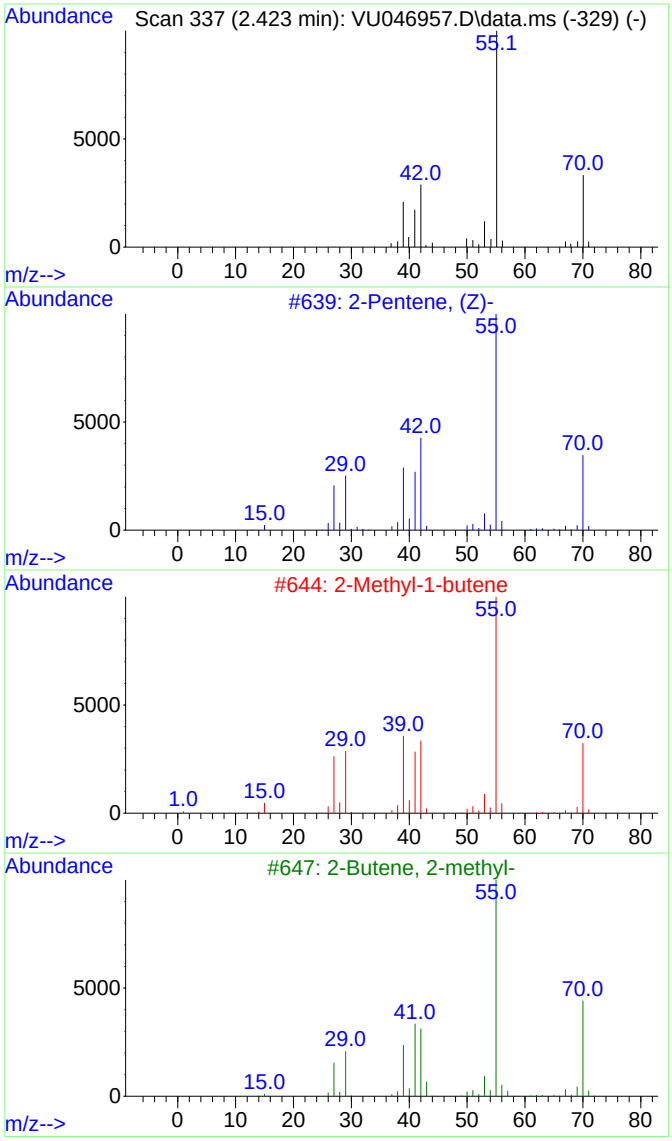
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

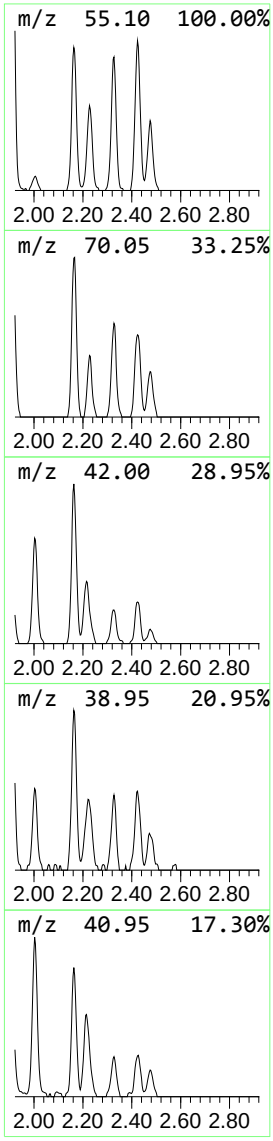
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.423	0.62 ug/L	30667	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
2	2-Methyl-1-butene	70	C5H10	000563-46-2	86
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	80
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	80





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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

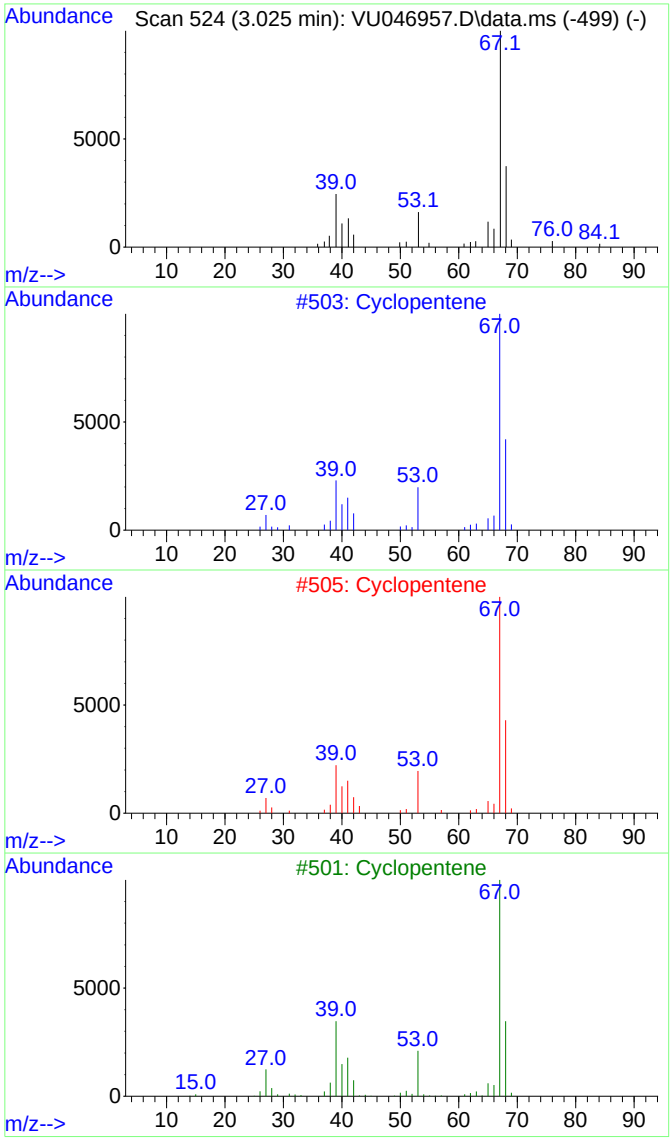
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

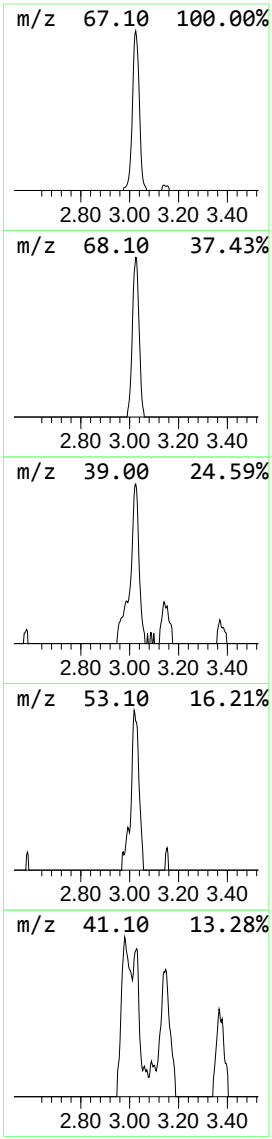
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	0.91 ug/L	45174	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	90
2	Cyclopentene	68	C5H8	000142-29-0	86
3	Cyclopentene	68	C5H8	000142-29-0	86
4	Cyclopentene	68	C5H8	000142-29-0	86
5	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

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

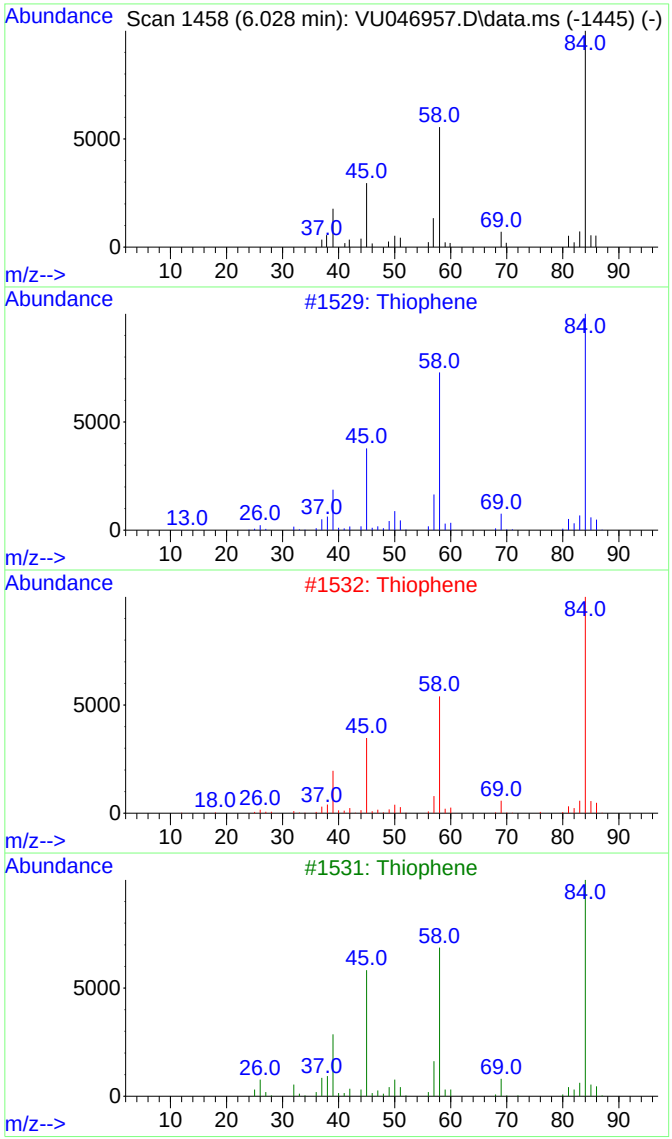
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

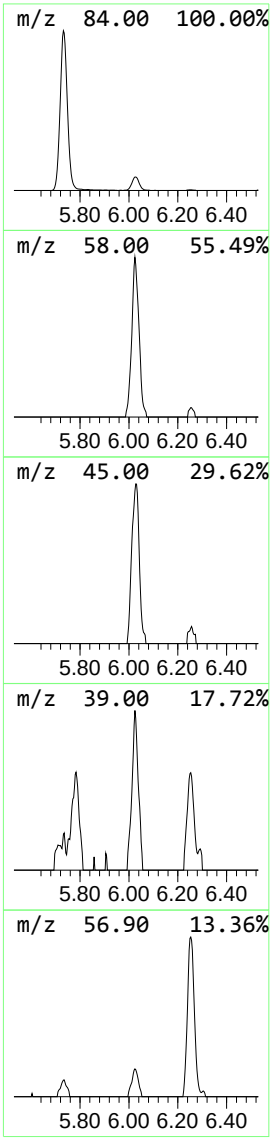
****

Peak Number 9 Thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.028	0.76 ug/L	37920	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	91
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	83
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0HK7

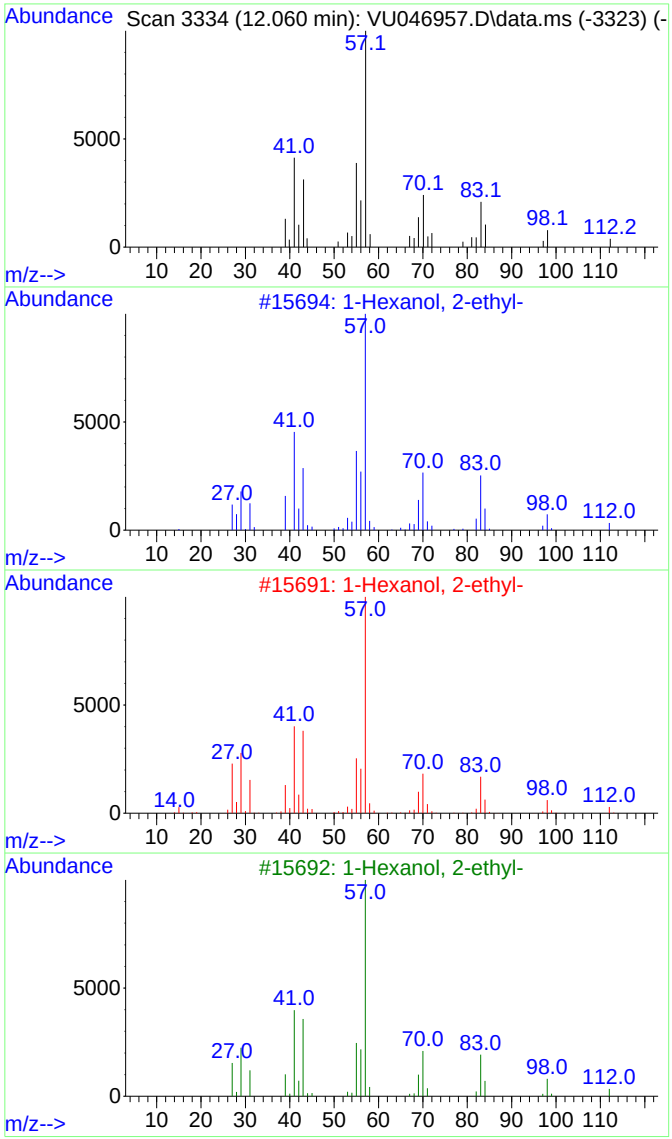
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

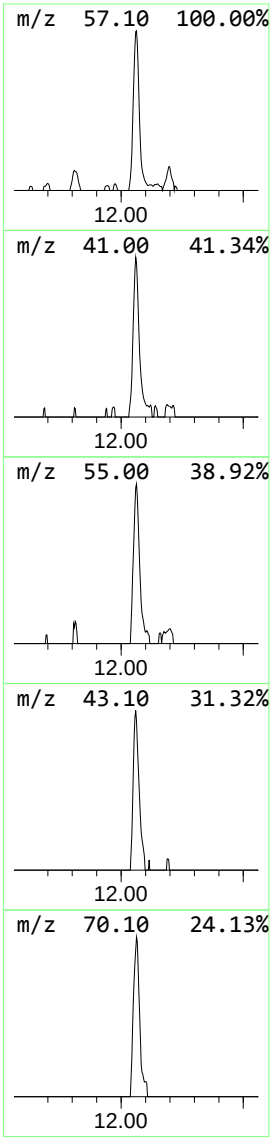
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.060	0.60 ug/L	35225	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
Data File : VU046957.D
Acq On : 01 Feb 2022 12:20
Operator : SY/MD
Sample : N1273-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 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\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.362	8.0	ug/L	399140	1	6.253	248514	5.0
(DEL) Alkane: S...	1.665	1.9	ug/L	94943	1	6.253	248514	5.0
(DEL) Alkane: S...	1.739	2.0	ug/L	98257	1	6.253	248514	5.0
(DEL) Alkane: S...	2.002	1.1	ug/L	53721	1	6.253	248514	5.0
(DEL) Alkane: C...	2.163	1.1	ug/L	53579	1	6.253	248514	5.0
(DEL) Alkane: S...	2.327	0.6	ug/L	27391	1	6.253	248514	5.0
(DEL) Alkane: S...	2.423	0.6	ug/L	30667	1	6.253	248514	5.0
Cyclopentene	3.025	0.9	ug/L	45174	1	6.253	248514	5.0
Thiophene	6.028	0.8	ug/L	37920	1	6.253	248514	5.0
1-Hexanol, 2-et...	12.060	0.6	ug/L	35225	3	11.812	292820	5.0