LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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: VU046846.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	28	rVB	2489461	2496947	100.00%	17.132%
2	1.494	41	48	67	rVB	159127	165262	6.62%	1.134%
3	1.594	69	79	91	rBV2	859948	1414158	56.64%	9.703%
4	1.665	96	101	109	rVB	32339	34557	1.38%	0.237%
5	1.736	116	123	138	rVB	129785	154922	6.20%	1.063%
6	1.916	167	179	195	rVV3	80252	127373	5.10%	0.874%
7	2.002	196	206	221	rVB	102370	142973	5.73%	0.981%
8	2.160	245	255	263	rBV	191817	266112	10.66%	1.826%
9	2.215	263	272	292	rVB3	152784	311521	12.48%	2.137%
10	2.324	296	306	315	rBV	20141	28604	1.15%	0.196%
11	2.420	325	336	346	rVB	66592	104270	4.18%	0.715%
12	2.584	368	387	399	rBV5	248283	480245	19.23%	3.295%
13	2.986	495	512	535	rBV7	19016	65486	2.62%	0.449%
14	3.369	610	631	648	rBV3	31204	73423	2.94%	0.504%
15	3.594	685	701	716	rVB4	42386	103360	4.14%	0.709%
16	3.703	721	735	753	rVB2	16041	35960	1.44%	0.247%
17	3.877	762	789	814	rBV	103520	279909	11.21%	1.921%
18	4.202	871	890	905	rBV4	13280	33089	1.33%	0.227%
19	4.671	1012	1036	1066	rBV2	298189	790472	31.66%	5.424%
20	5.070	1144	1160	1181	rBV2	78619	199027	7.97%	1.366%
21	5.321	1225	1238	1250	rBV3	28970	61432	2.46%	0.422%
22	5.729	1342	1365	1379	rBV2	149162	394227	15.79%	2.705%
23	6.253	1513	1528	1552	rBV	135658	272966	10.93%	1.873%
24	6.546	1604	1619	1642	rBV	1110896	2079352	83.28%	14.267%
25	6.694	1652	1665	1681	rVB2	91378	180352	7.22%	1.237%
26	6.883	1712	1724	1750	rBV2	18200	44171	1.77%	0.303%
27	7.568	1924	1937	1952	rVB	45225	79084	3.17%	0.543%
28	7.899	2026	2040	2053	rBV	174311	306737	12.28%	2.105%
29	7.970	2053	2062	2072	rVB	21199	35102	1.41%	0.241%
30	8.182	2116	2128	2140	rBV2	27997	46796	1.87%	0.321%
31	8.555	2231	2244	2258	rBV	409352	692148	27.72%	4.749%
32	8.636	2258	2269	2296	rVB	257209	465259	18.63%	3.192%
33	8.787	2303	2316	2360	rVB	205740	418676	16.77%	2.873%
34	9.417	2500	2512	2532	rBV	207854	353320	14.15%	2.424%
35	10.343	2791	2800	2825	rVB2	71975	129515	5.19%	0.889%
36	10.758	2918	2929	2942	rBV	80948	130470	5.23%	0.895%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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

37	11.687	3206	3218	3233	rBV2	119268	190164	7.62%	1.305%
38	11.812	3245	3257	3272	rVB	249920	395977	15.86%	2.717%
39	12.195	3364	3376	3389	rBV	176290	287229	11.50%	1.971%
40	12.542	3473	3484	3500	rBV5	14564	28863	1.16%	0.198%
41	12.886	3580	3591	3613	rBV	342999	507283	20.32%	3.481%
42	13.983	3923	3932	3946	rVB2	22451	32504	1.30%	0.223%
43	14.732	4156	4165	4176	rBV2	57894	87026	3.49%	0.597%
44	16.886	4822	4835	4845	rBV4	29876	48017	1.92%	0.329%

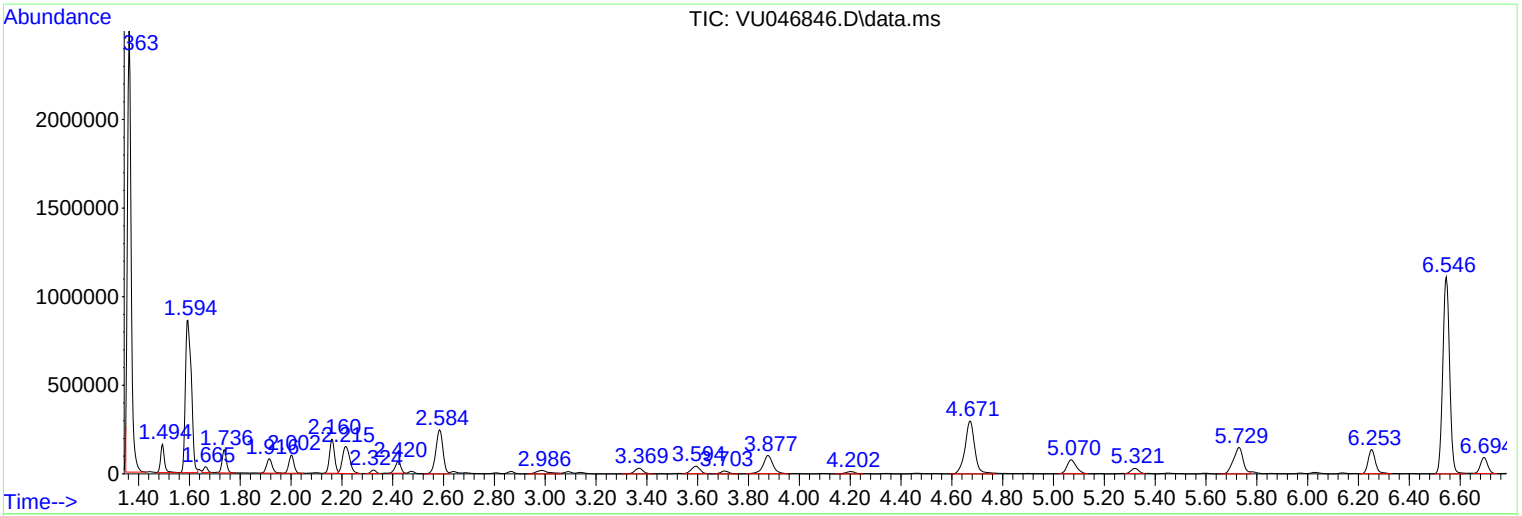
Sum of corrected areas: 14574340

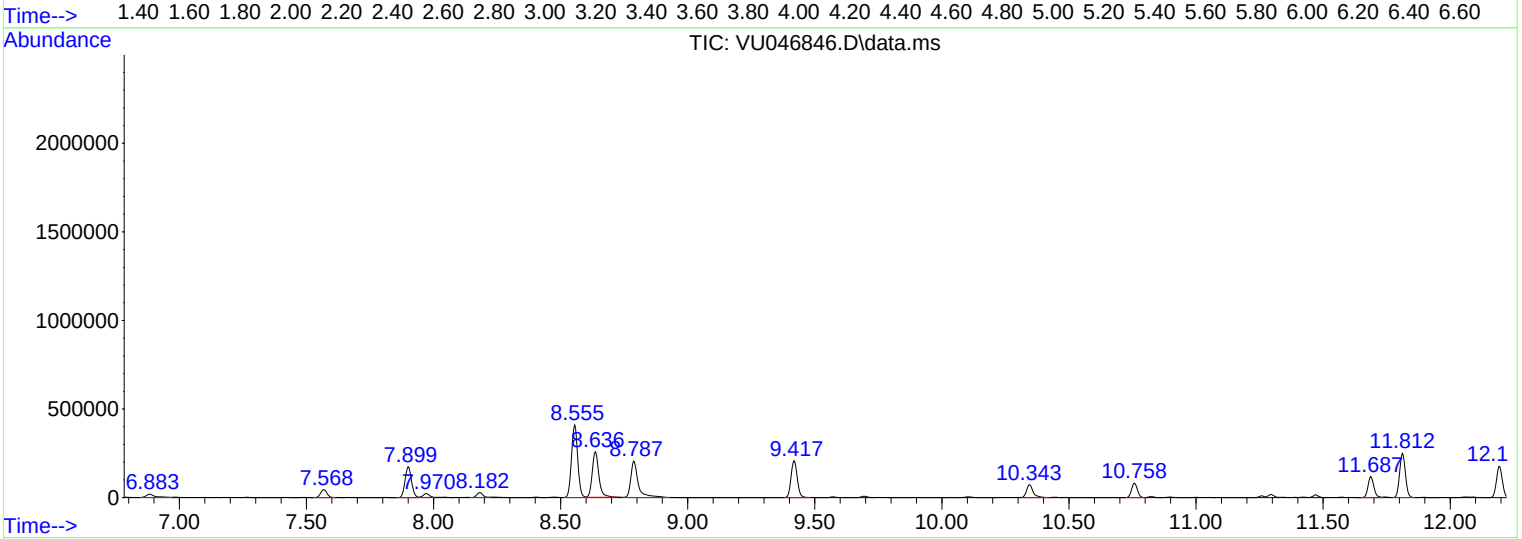
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

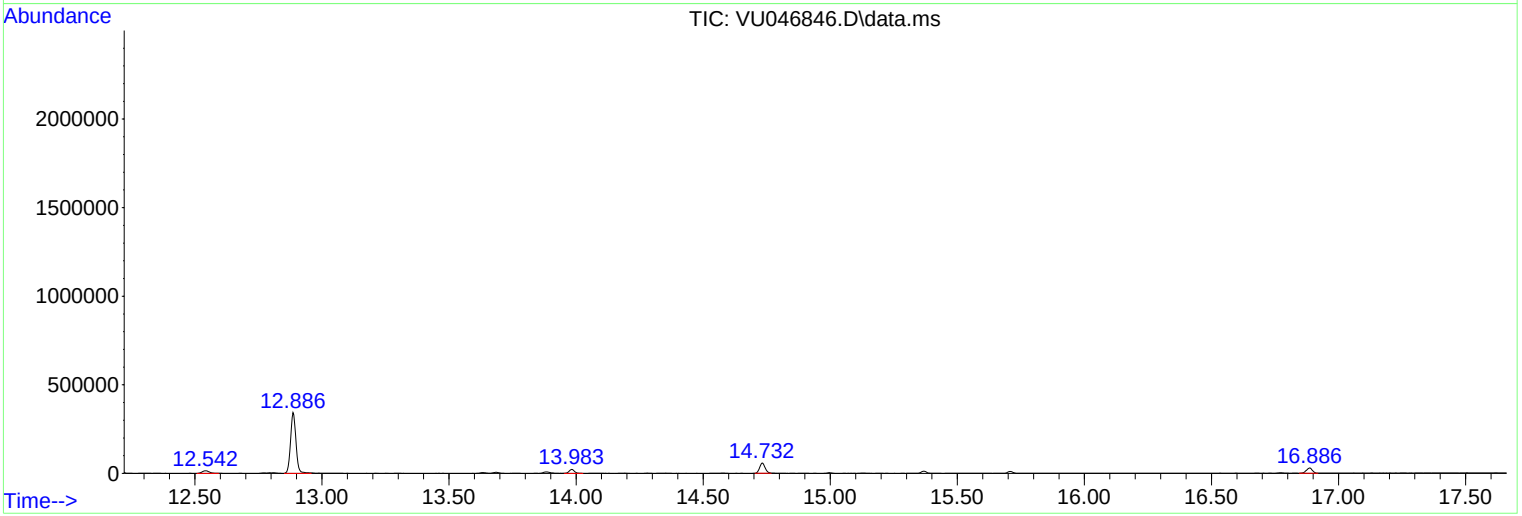
Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

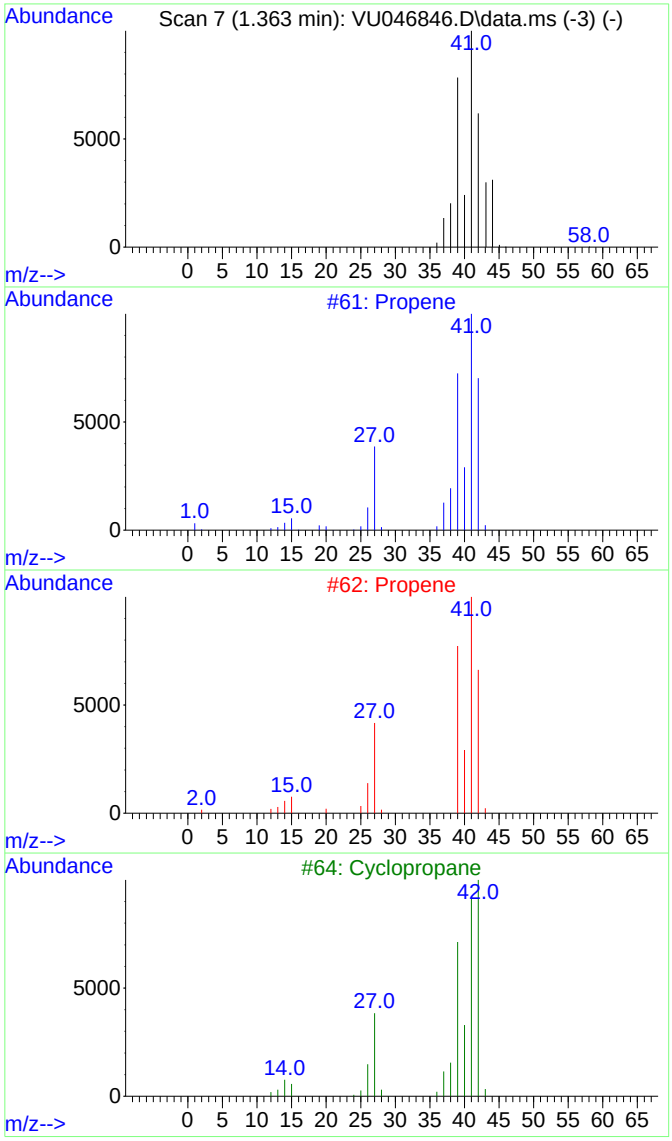
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

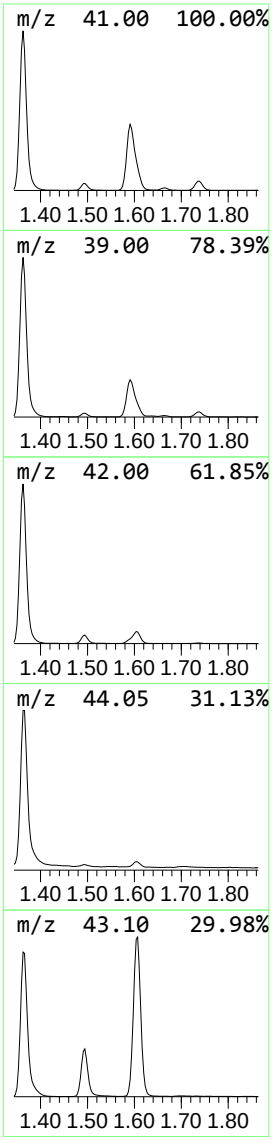
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	45.74 ug/L	2496950	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\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

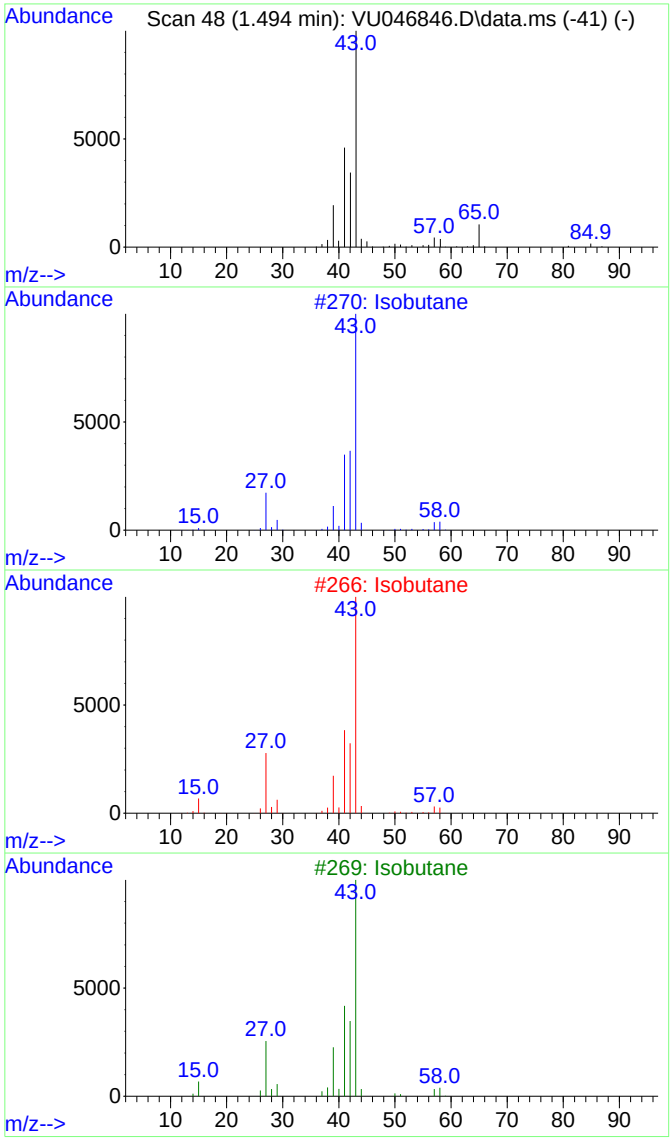
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

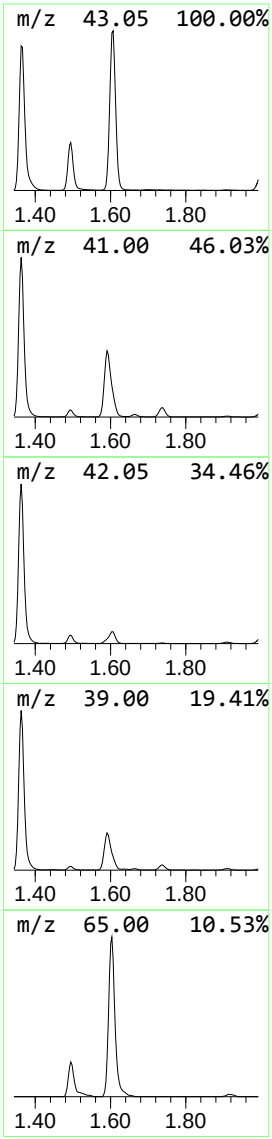
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.494	3.03 ug/L	165262	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	59
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

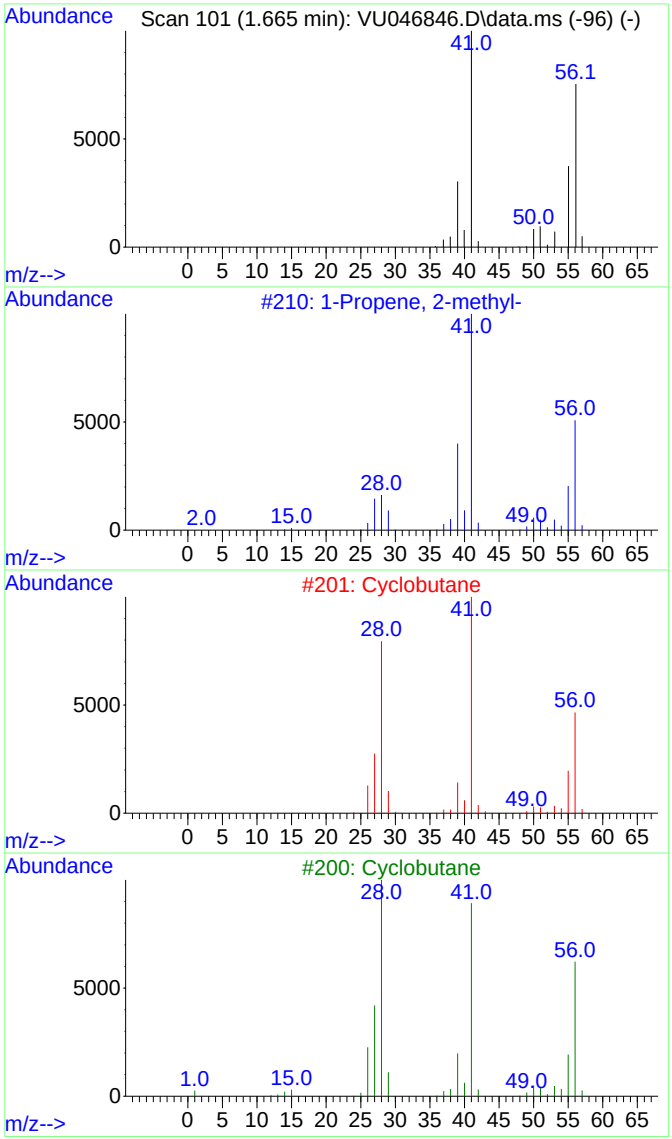
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

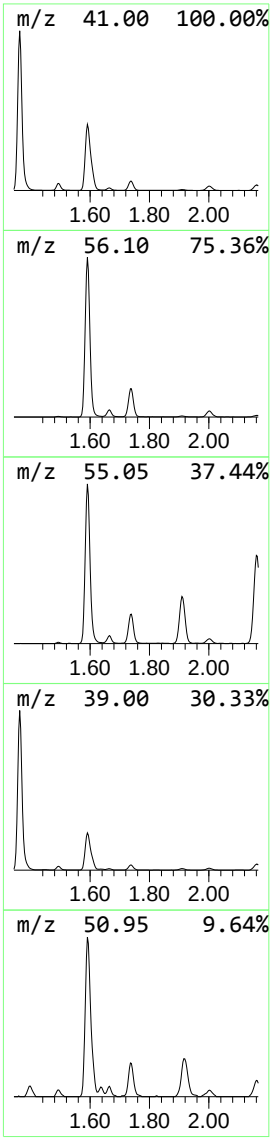
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.665	0.63 ug/L	34557	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
2	Cyclobutane	56	C4H8	000287-23-0	72
3	Cyclobutane	56	C4H8	000287-23-0	64
4	2-Butene, (E)-	56	C4H8	000624-64-6	64
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

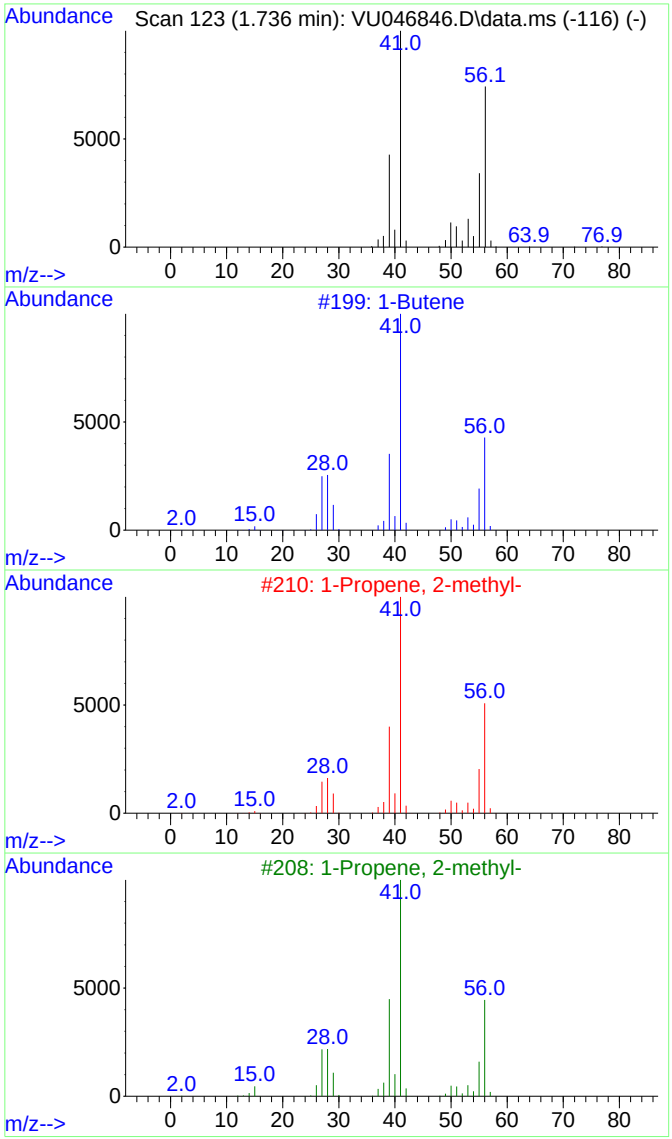
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

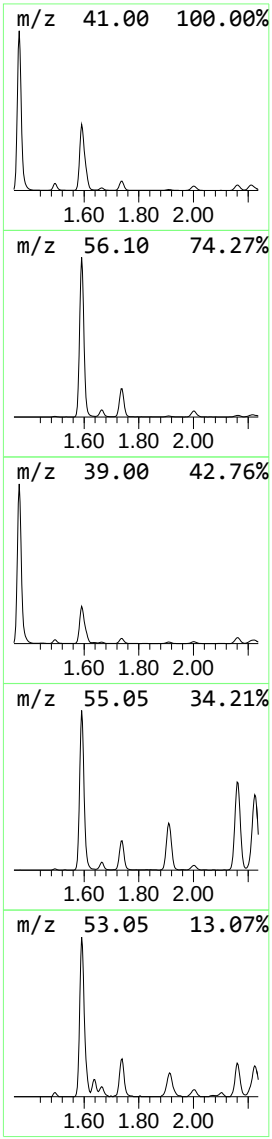
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.736	2.84 ug/L	154922	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	80
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene	56	C4H8	000107-01-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

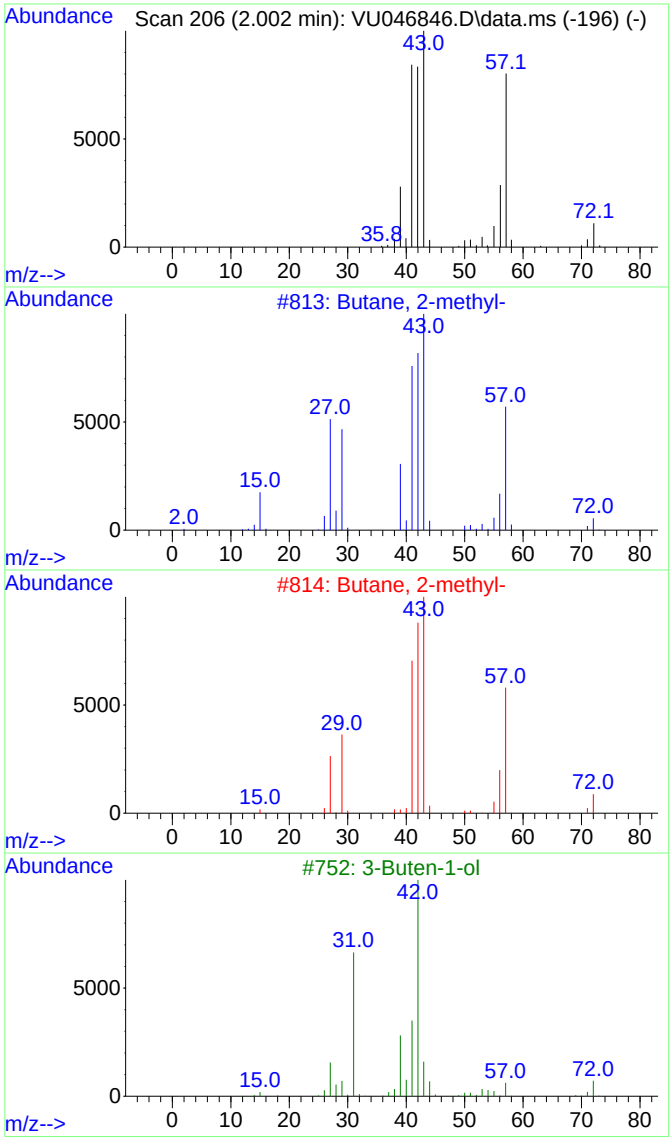
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

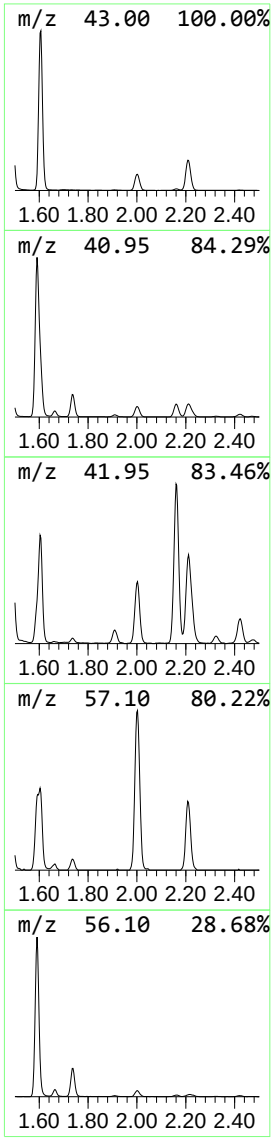
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.002	2.62 ug/L	142973	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	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	43
4	Pentane	72	C5H12	000109-66-0	42
5	Pentane	72	C5H12	000109-66-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

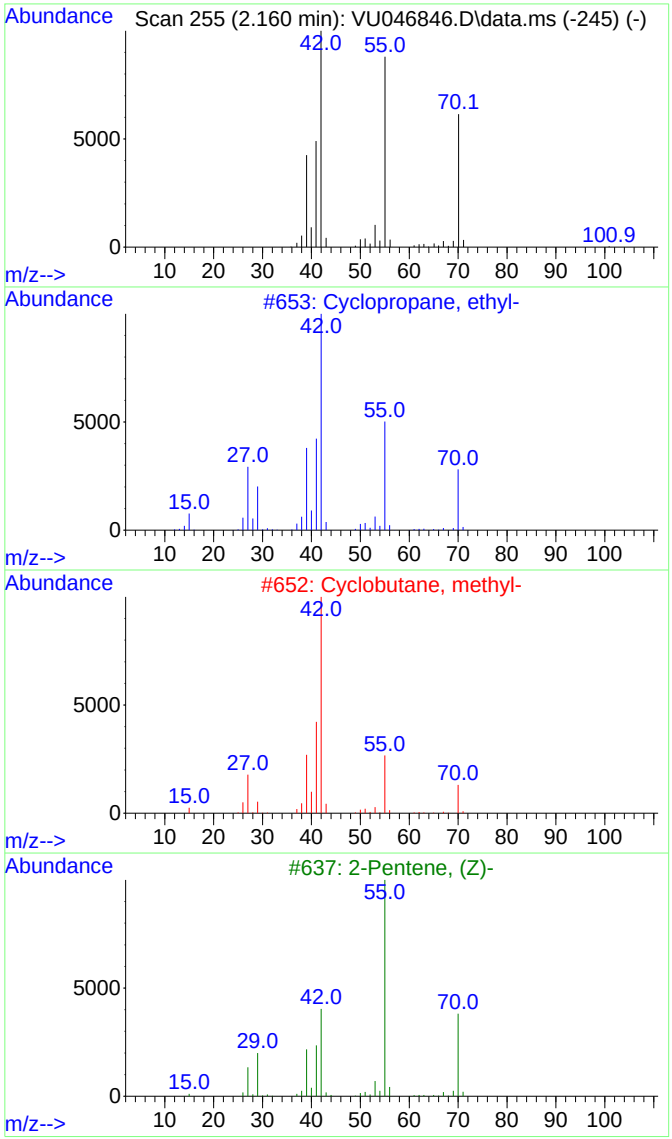
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

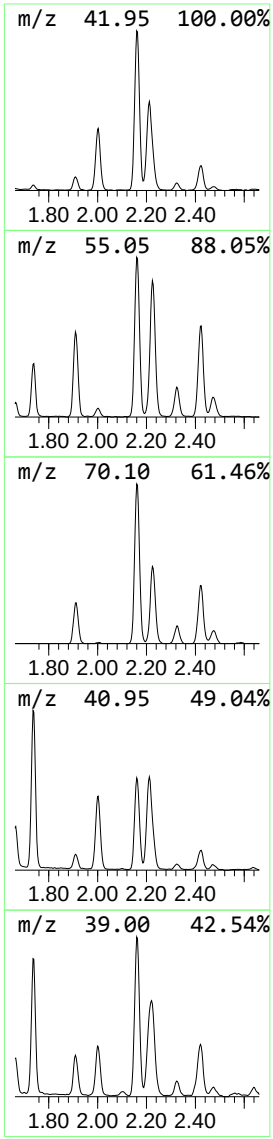
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.160 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	4.87 ug/L	266112	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	76
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	72
4	1-Pentene	70	C5H10	000109-67-1	70
5	1-Pentene	70	C5H10	000109-67-1	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

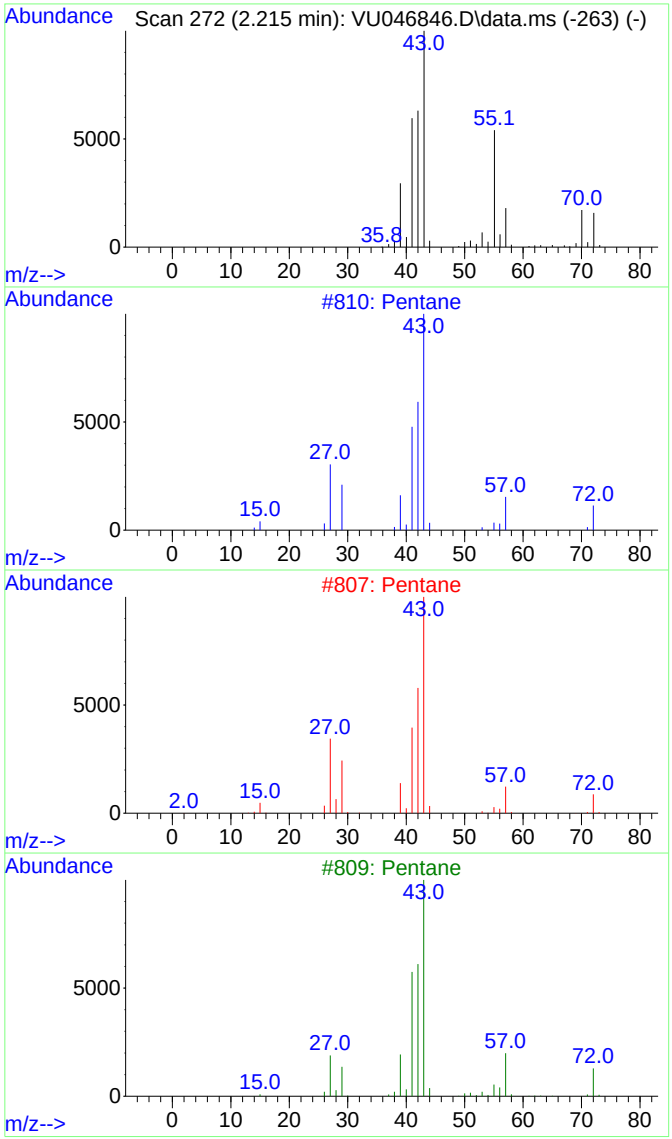
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

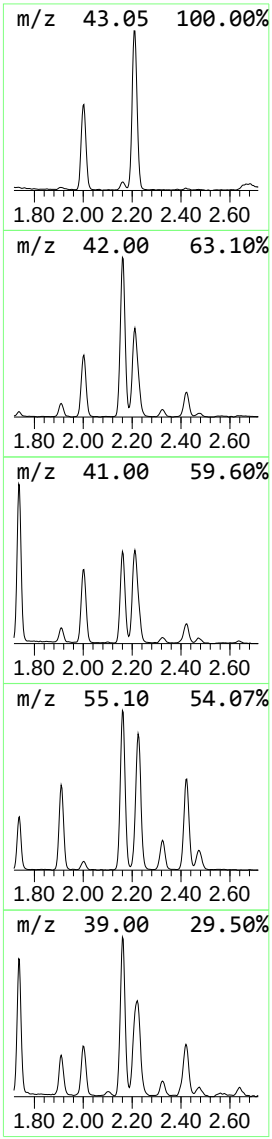
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.215	5.71 ug/L	311521	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	59
3	Pentane	72	C5H12	000109-66-0	59
4	1-Pentene	70	C5H10	000109-67-1	53
5	Pentane	72	C5H12	000109-66-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

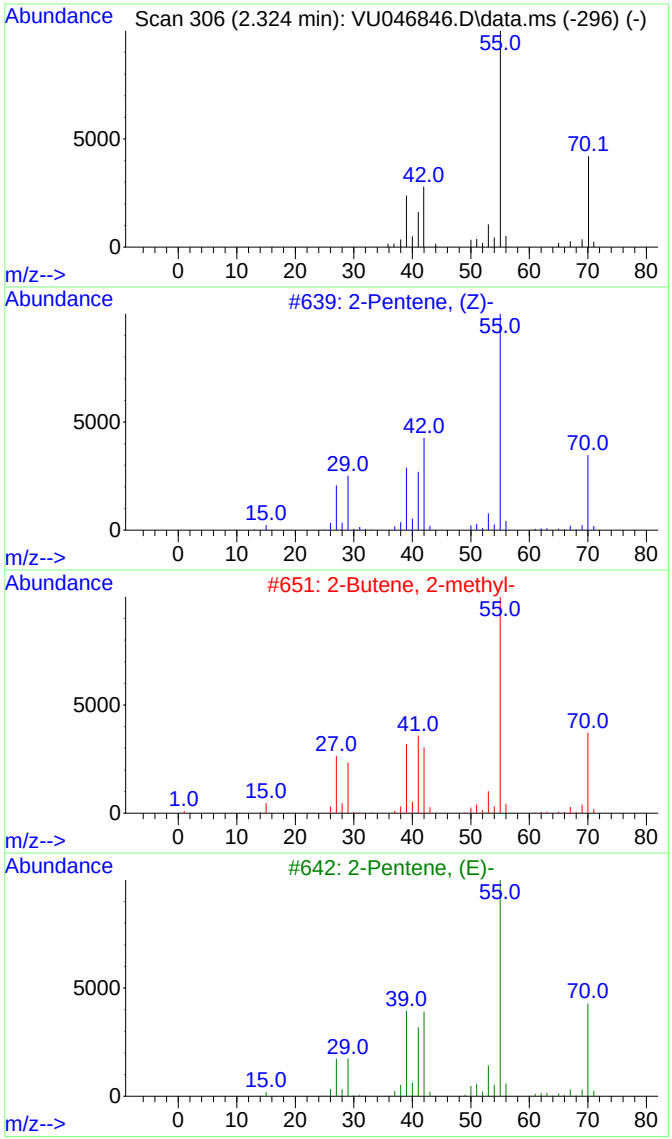
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

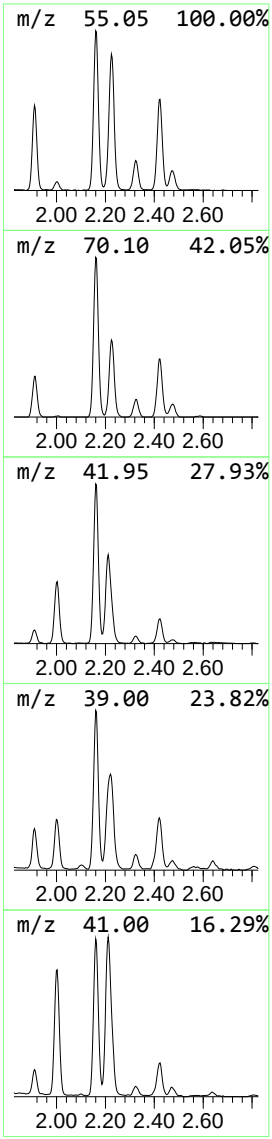
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.324	0.52 ug/L	28604	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	2-Pentene, (E)-	70	C5H10	000646-04-8	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	90
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

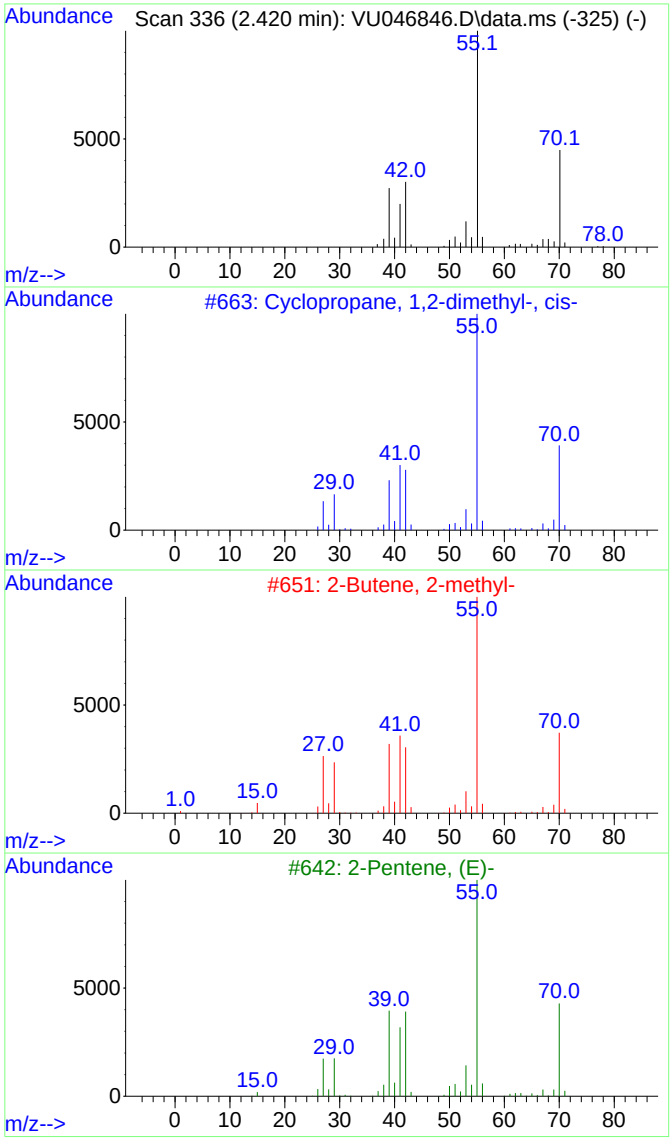
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

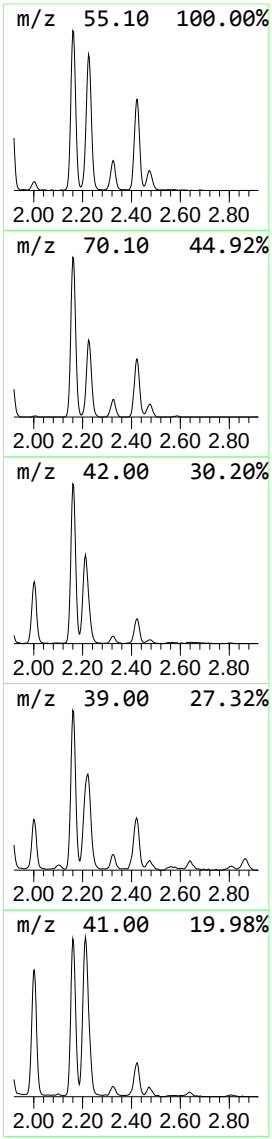
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic2.420 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.420	1.91 ug/L	104270	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
3	2-Pentene, (E)-	70	C5H10	000646-04-8	87
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	86
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

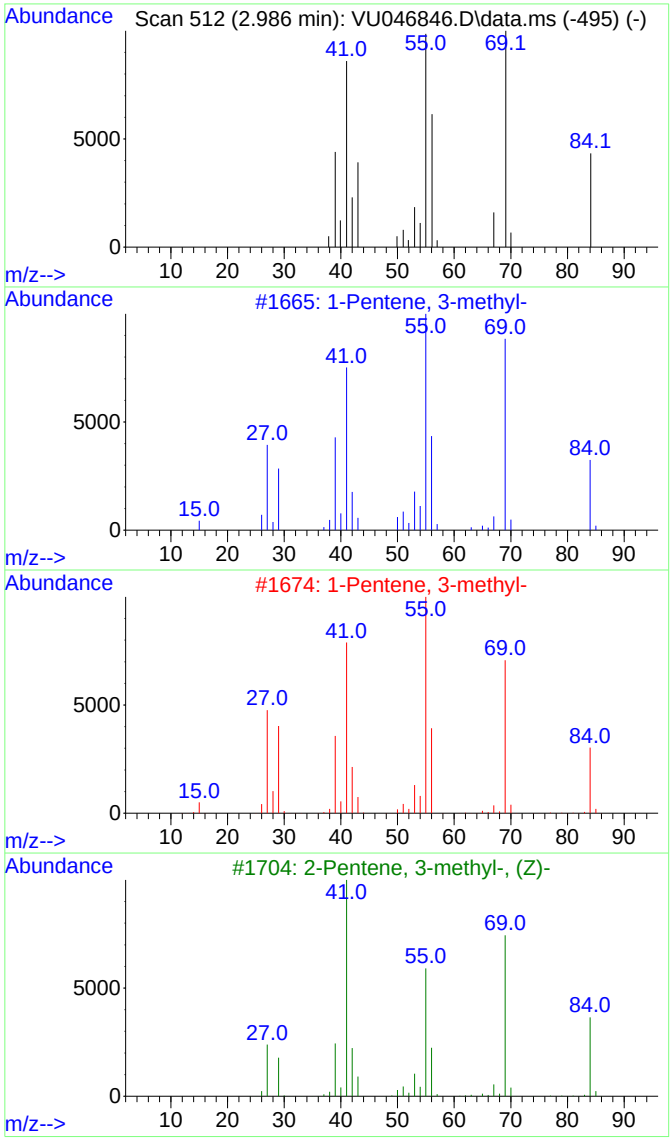
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

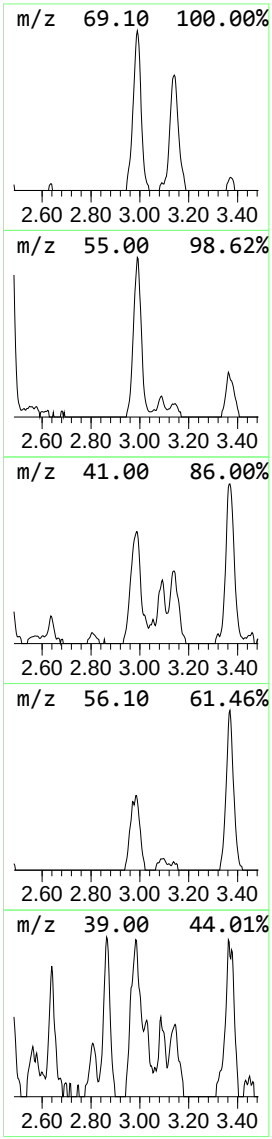
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.986	1.20 ug/L	65486	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	91
2	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	83
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	81
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	80
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	76





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

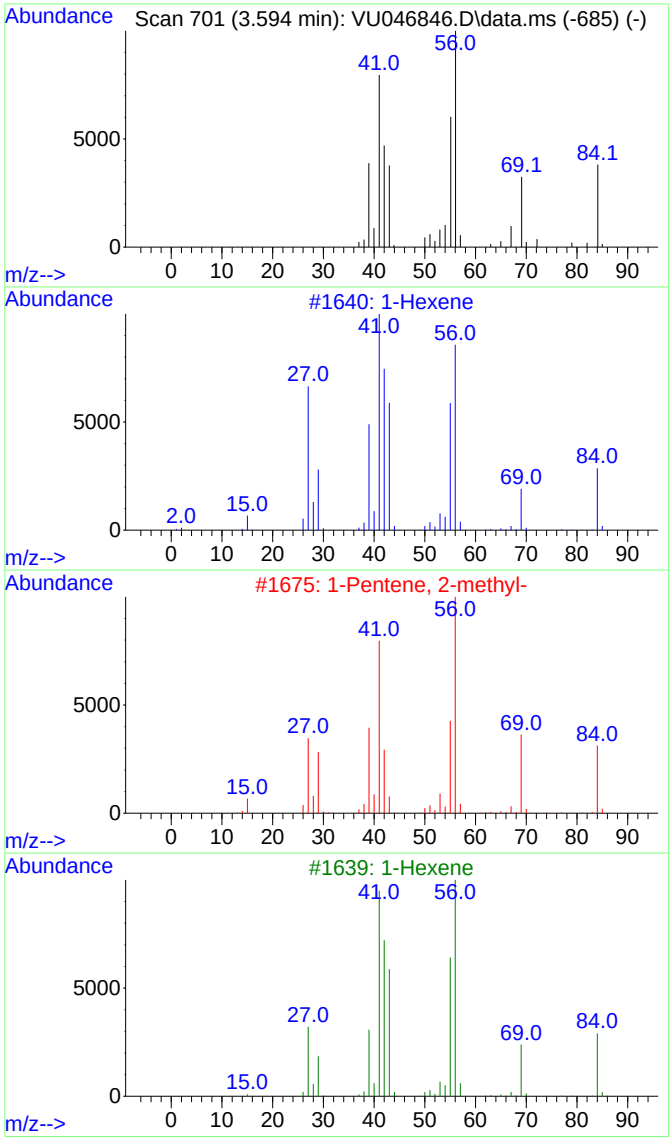
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

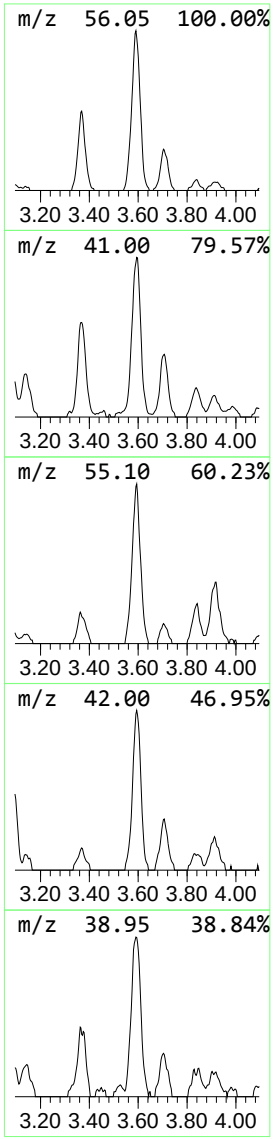
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.594	1.89 ug/L	103360	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	1-Hexene	84	C6H12	000592-41-6	59
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	59
5	Cyclohexane	84	C6H12	000110-82-7	58





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

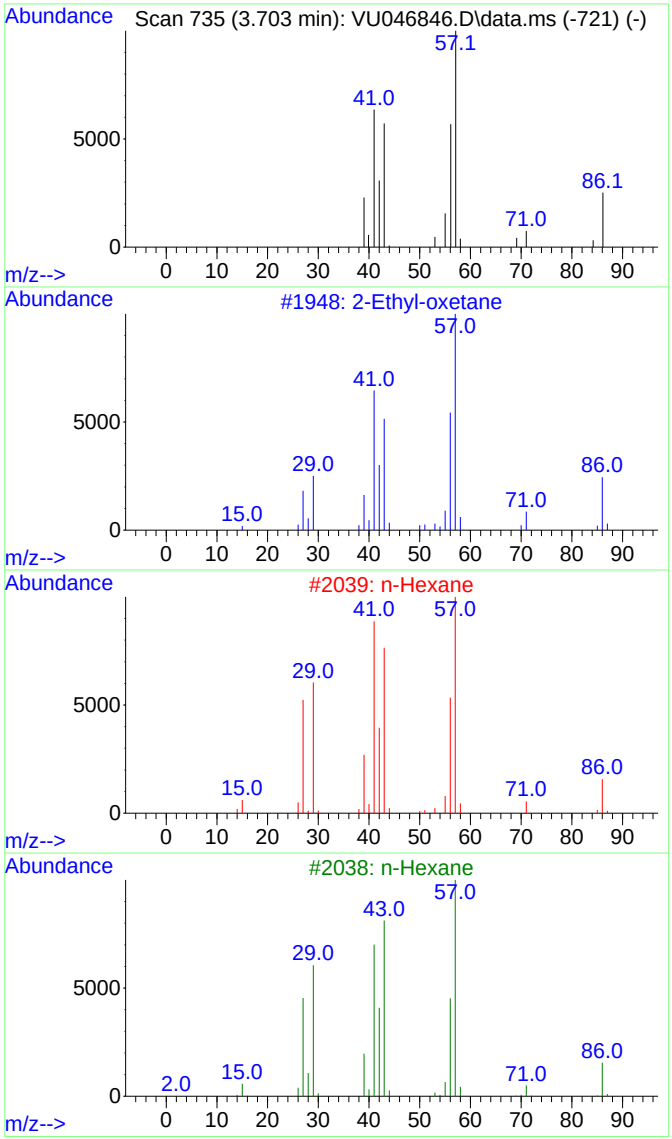
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

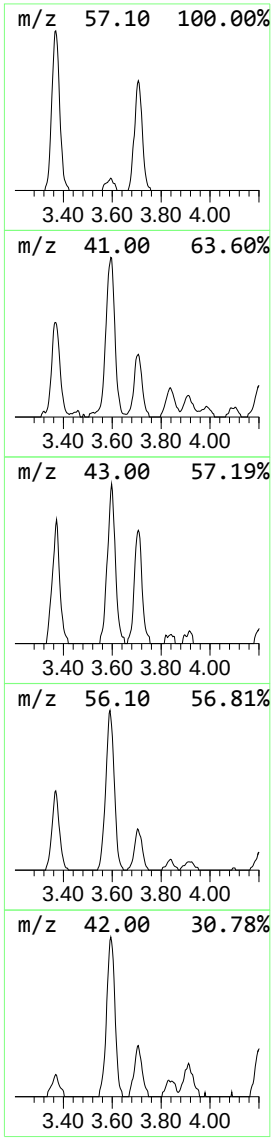
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Ethyl-oxetane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.703	0.66 ug/L	35960	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	80
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	56
4	n-Hexane	86	C6H14	000110-54-3	45
5	n-Hexane	86	C6H14	000110-54-3	45





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

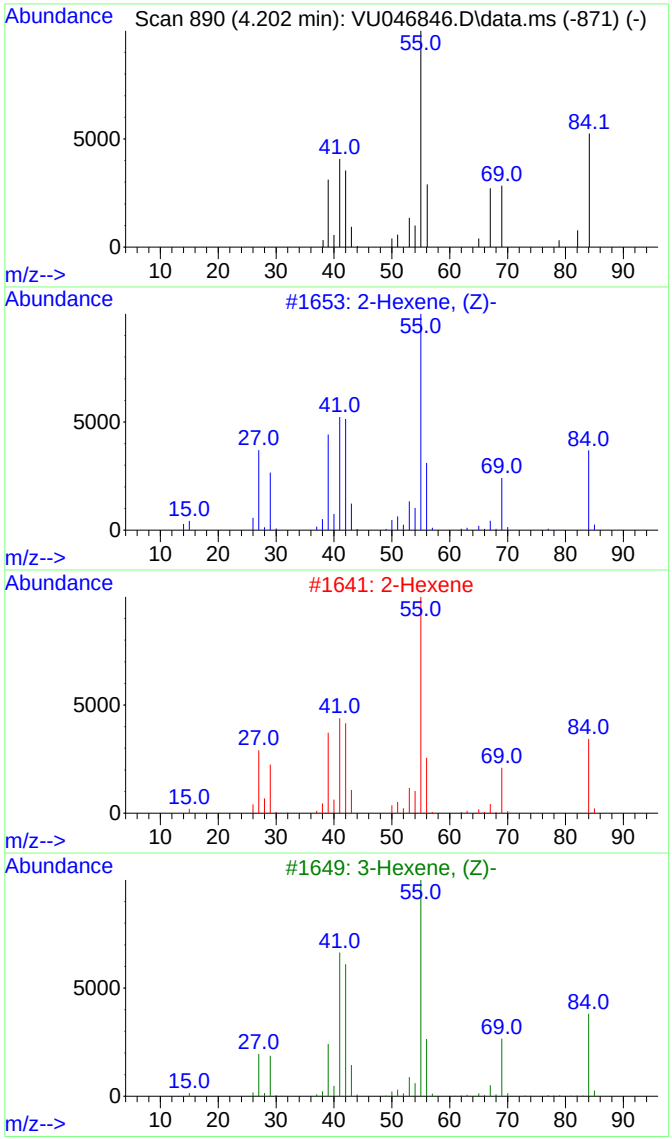
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

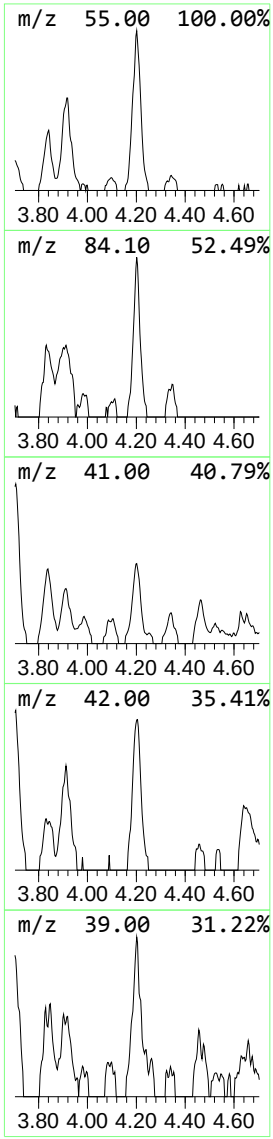
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.202	0.61 ug/L	33089	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	81
2	2-Hexene	84	C6H12	000592-43-8	74
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	72
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	72
5	3-Hexene, (E)-	84	C6H12	013269-52-8	72





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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

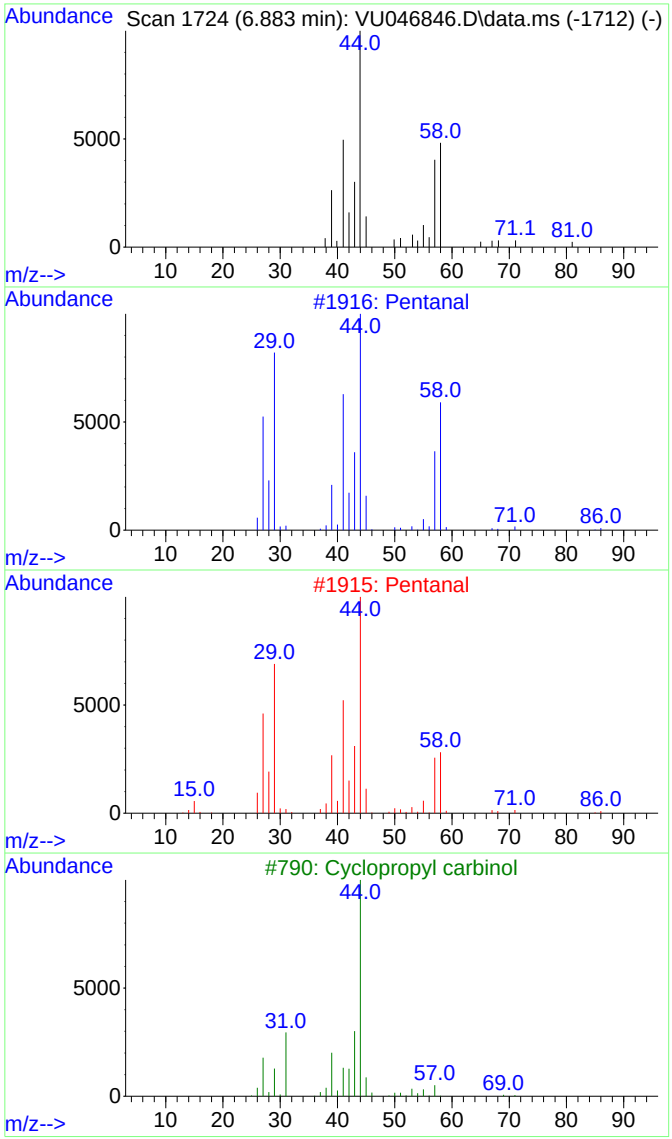
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

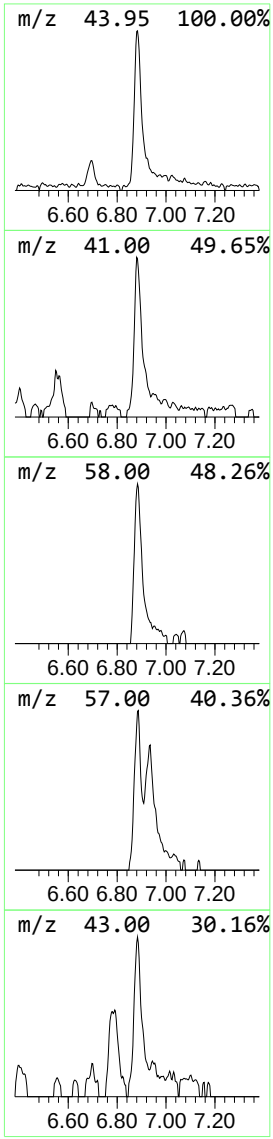
****

Peak Number 14 Pentanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.883	0.81 ug/L	44171	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	56
2	Pentanal	86	C5H10O	000110-62-3	56
3	Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	25
5	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

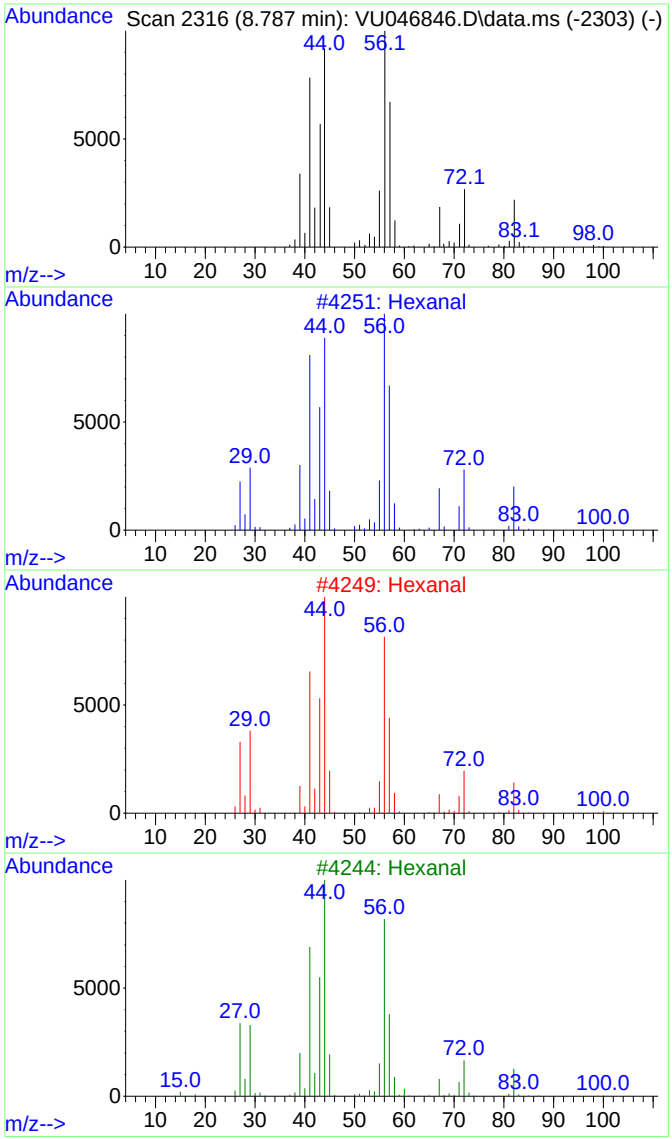
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

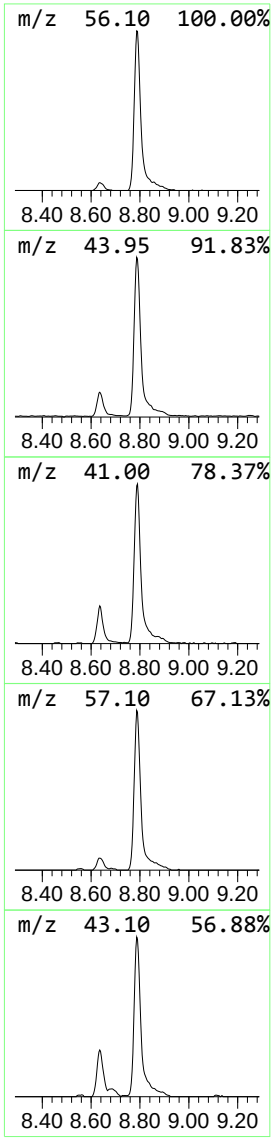
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	5.92 ug/L	418676	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	83
5	Hexanal	100	C6H12O	000066-25-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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

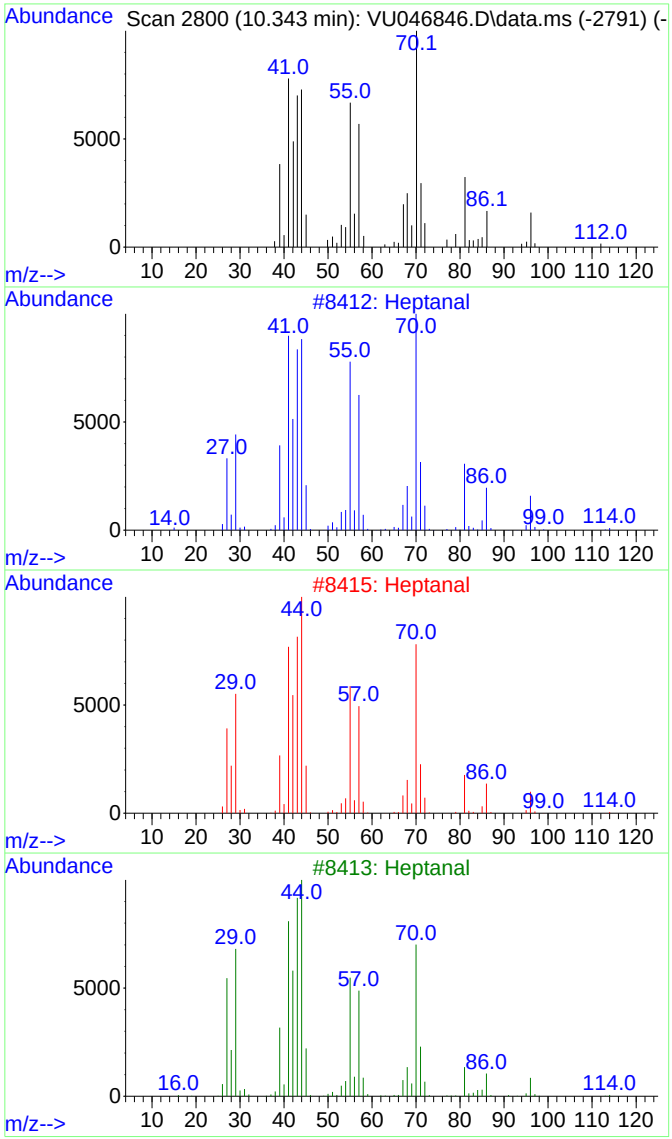
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

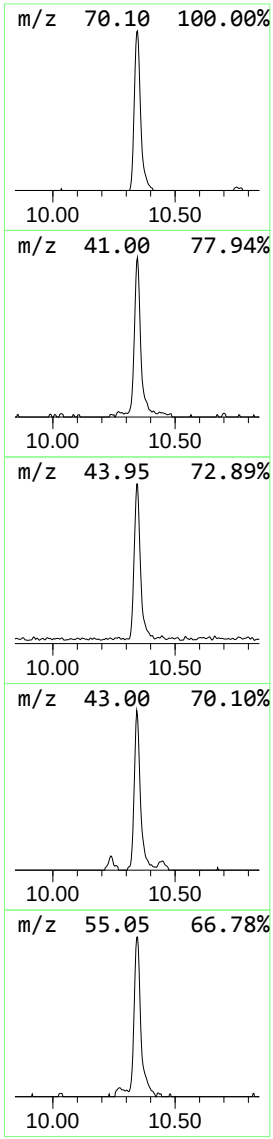
****

Peak Number 17 Heptanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.343	1.83 ug/L	129515	Chlorobenzene-d5	9.417

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	86
2	Heptanal	114	C7H14O	000111-71-7	59
3	Heptanal	114	C7H14O	000111-71-7	59
4	Heptanal	114	C7H14O	000111-71-7	59
5	Heptanal	114	C7H14O	000111-71-7	53





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Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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

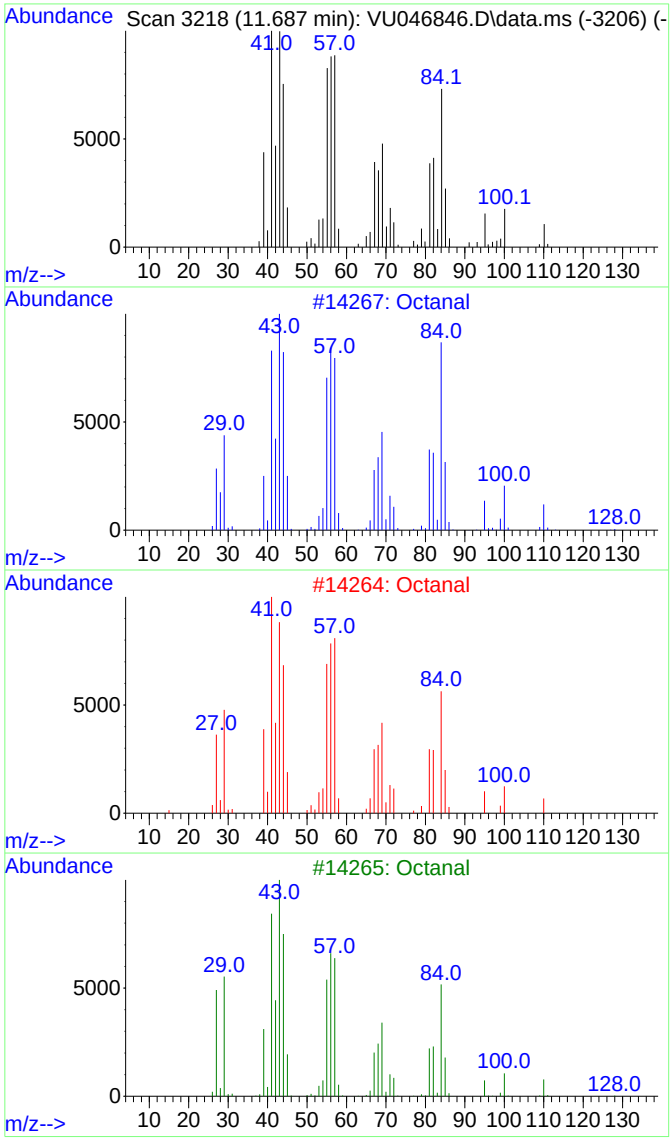
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

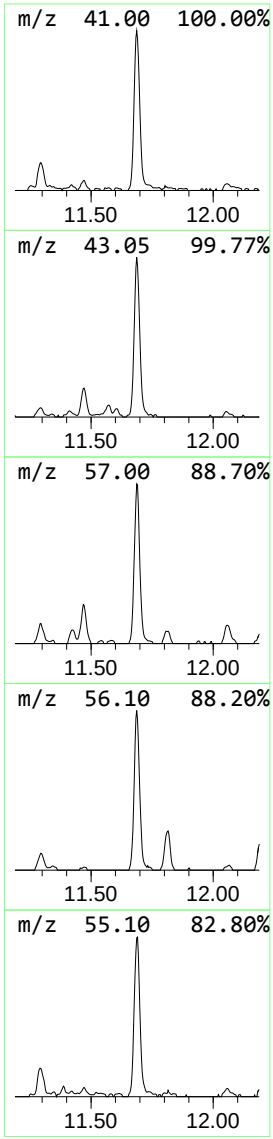
****

Peak Number 18 Octanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	2.40 ug/L	190164	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	83
4	Octanal	128	C8H16O	000124-13-0	78
5	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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

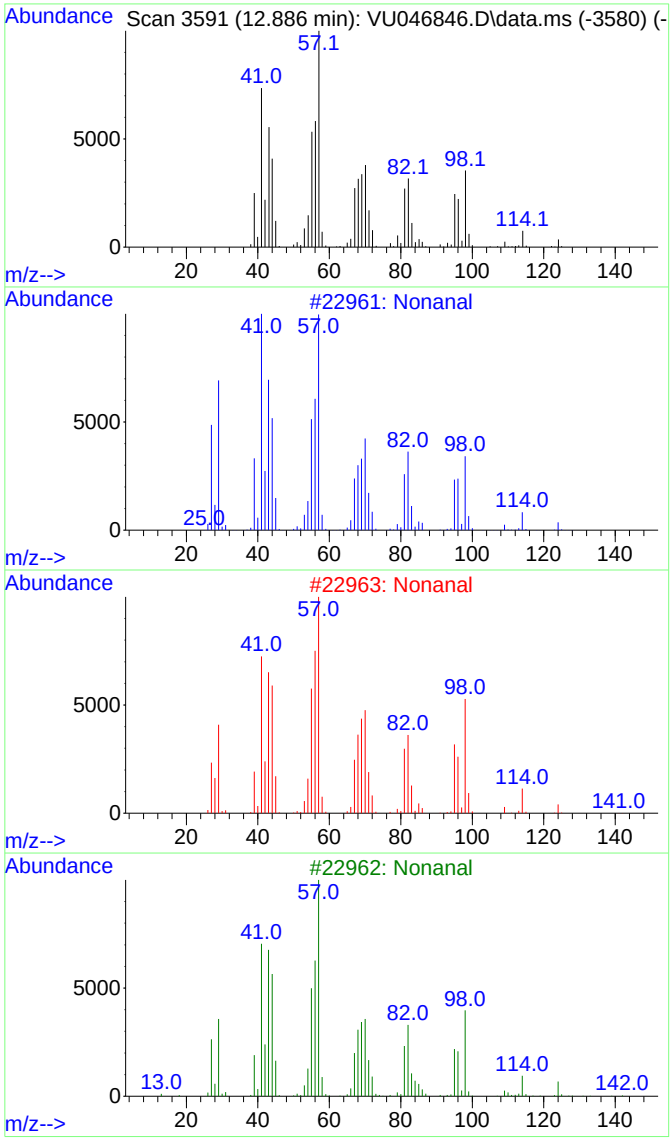
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

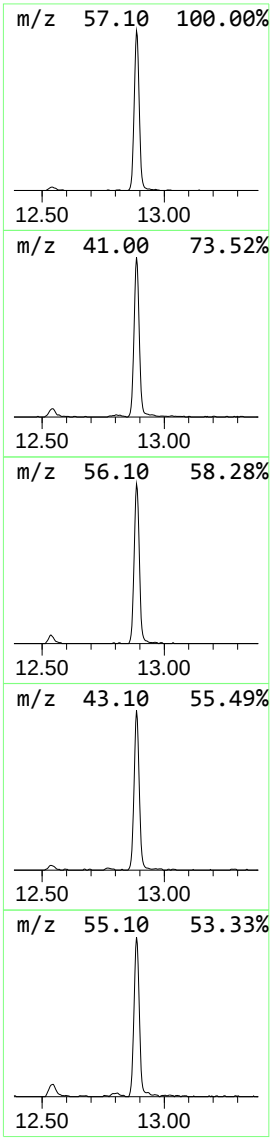
****

Peak Number 19 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	6.41 ug/L	507283	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	91
3	Nonanal	142	C9H18O	000124-19-6	86
4	1,12-Dodecanediol	202	C12H26O2	005675-51-4	22
5	Cyclohexanol	100	C6H12O	000108-93-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

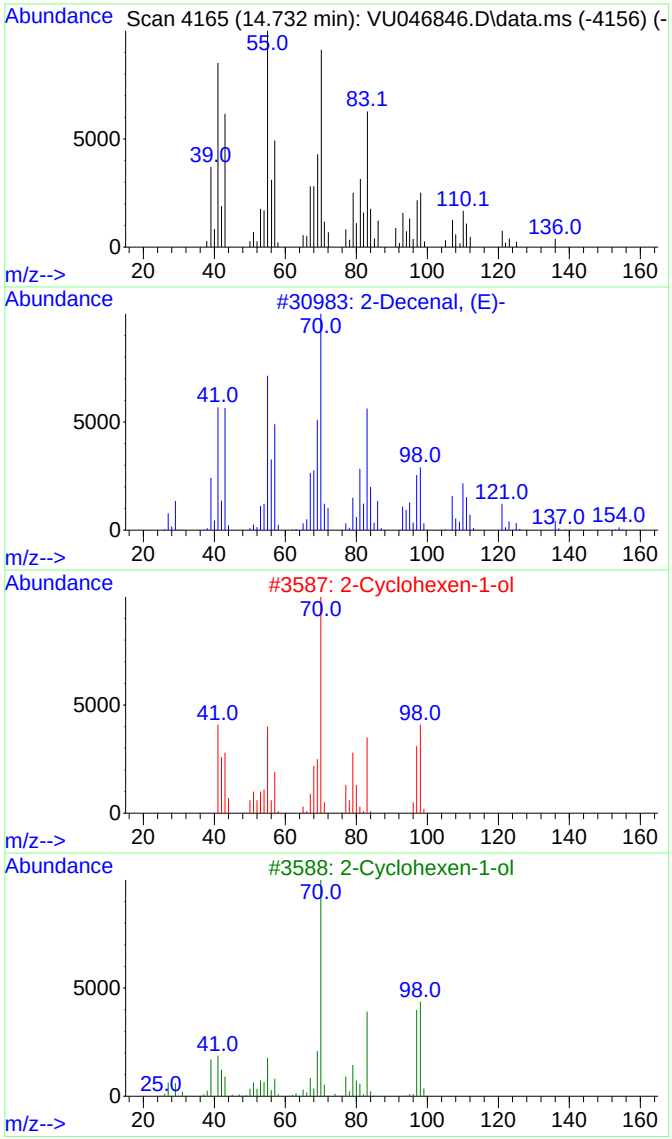
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

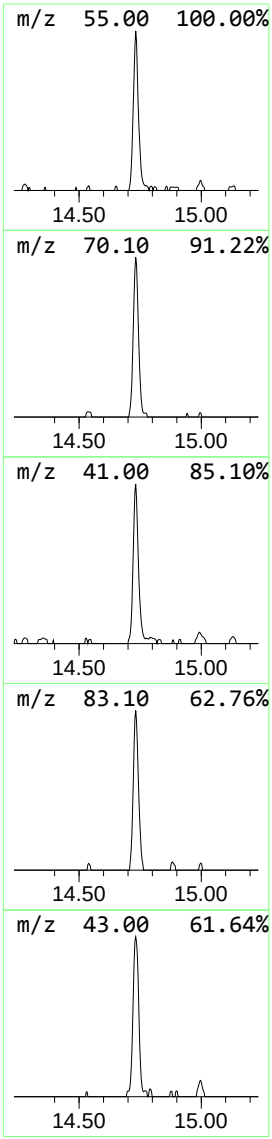
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Decenal, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	1.10 ug/L	87026	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	87
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	52
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

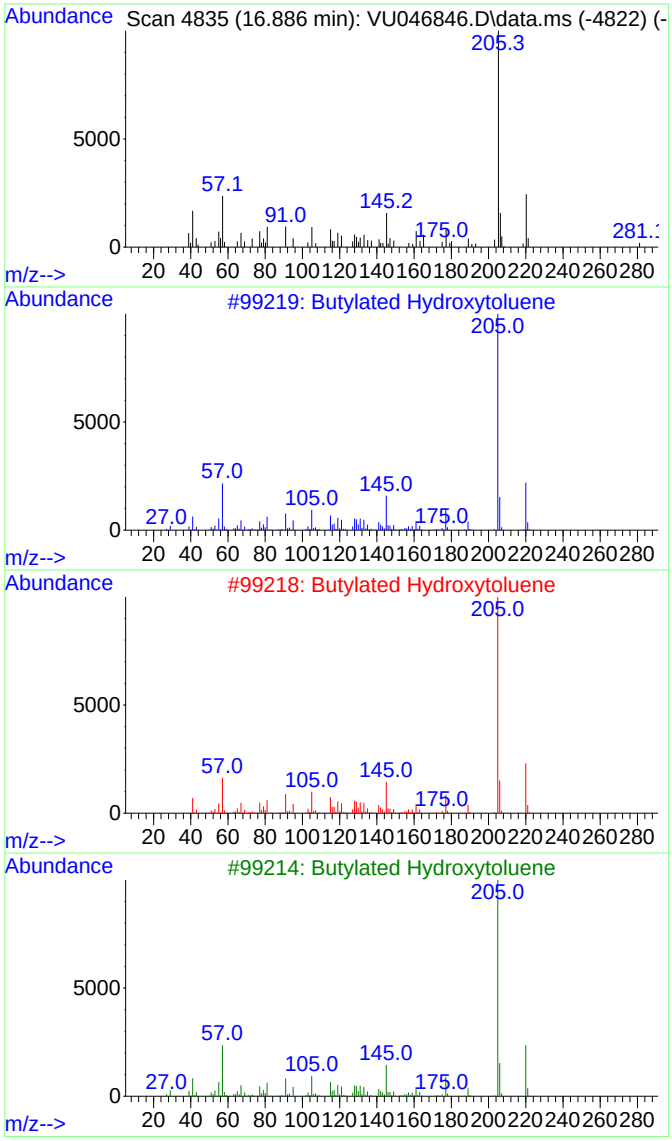
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

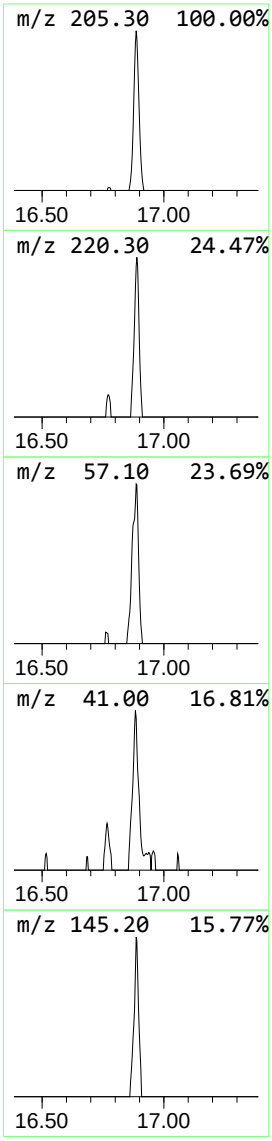
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Butylated Hydroxytoluene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	0.61 ug/L	48017	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
Data File : VU046846.D
Acq On : 26 Jan 2022 15:25
Operator : SY/MD
Sample : N1260-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXX8

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...	1.363	45.7	ug/L	2496950	1	6.253	272966	5.0
(DEL) Alkane: S...	1.494	3.0	ug/L	165262	1	6.253	272966	5.0
(DEL) Alkane: S...	1.665	0.6	ug/L	34557	1	6.253	272966	5.0
(DEL) Alkane: S...	1.736	2.8	ug/L	154922	1	6.253	272966	5.0
(DEL) Alkane: S...	2.002	2.6	ug/L	142973	1	6.253	272966	5.0
(DEL) Alkane: C...	2.160	4.9	ug/L	266112	1	6.253	272966	5.0
(DEL) Alkane: S...	2.215	5.7	ug/L	311521	1	6.253	272966	5.0
(DEL) Alkane: S...	2.324	0.5	ug/L	28604	1	6.253	272966	5.0
(DEL) Alkane: C...	2.420	1.9	ug/L	104270	1	6.253	272966	5.0
(DEL) Alkane: S...	2.986	1.2	ug/L	65486	1	6.253	272966	5.0
(DEL) Alkane: S...	3.594	1.9	ug/L	103360	1	6.253	272966	5.0
2-Ethyl-oxetane	3.703	0.7	ug/L	35960	1	6.253	272966	5.0
(DEL) Alkane: S...	4.202	0.6	ug/L	33089	1	6.253	272966	5.0
Pentanal	6.883	0.8	ug/L	44171	1	6.253	272966	5.0
Hexanal	8.787	5.9	ug/L	418676	2	9.417	353320	5.0
Heptanal	10.343	1.8	ug/L	129515	2	9.417	353320	5.0
Octanal	11.687	2.4	ug/L	190164	3	11.812	395977	5.0
Nonanal	12.886	6.4	ug/L	507283	3	11.812	395977	5.0
2-Decenal, (E)-	14.732	1.1	ug/L	87026	3	11.812	395977	5.0
Butylated Hydro...	16.886	0.6	ug/L	48017	3	11.812	395977	5.0