LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU046704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	3	8	27	rVB	646401	663484	21.53%	5.372%
2	1.498	44	49	58	rVB	44926	40942	1.33%	0.331%
3	1.601	72	81	93	rBV2	216734	385445	12.51%	3.121%
4	1.748	120	127	138	rBV	22900	31942	1.04%	0.259%
5	1.935	176	185	198	rVV2	33445	52946	1.72%	0.429%
6	2.019	202	211	222	rVB	28484	40689	1.32%	0.329%
7	2.179	252	261	268	rBV	55415	73455	2.38%	0.595%
8	2.228	268	276	297	rVB3	46687	84781	2.75%	0.686%
9	2.584	376	387	402	rBV2	59436	115026	3.73%	0.931%
10	4.790	1044	1073	1113	rBV2	18250	110432	3.58%	0.894%
11	5.096	1155	1168	1188	rVB	58009	137724	4.47%	1.115%
12	5.764	1357	1376	1402	rBV2	122965	294631	9.56%	2.386%
13	6.285	1525	1538	1558	rBV	101153	188028	6.10%	1.522%
14	6.726	1660	1675	1690	rBV	68484	132586	4.30%	1.074%
15	6.925	1724	1737	1768	rBV4	64712	178507	5.79%	1.445%
16	7.587	1931	1943	1956	rBV2	36587	62786	2.04%	0.508%
17	7.915	2031	2045	2058	rBV	129113	222723	7.23%	1.803%
18	8.198	2122	2133	2145	rBV2	22524	37320	1.21%	0.302%
19	8.661	2261	2277	2288	rBV	194567	365116	11.85%	2.956%
20	8.803	2307	2321	2333	rBV	1760830	3081299	100.00%	24.948%
21	9.427	2503	2515	2540	rVB	153394	253053	8.21%	2.049%
22	10.349	2787	2802	2827	rBV	274516	448469	14.55%	3.631%
23	10.764	2919	2931	2948	rVB	70624	117043	3.80%	0.948%
24	11.301	3090	3098	3106	rBV3	22494	32261	1.05%	0.261%
25	11.690	3206	3219	3237	rBV	558842	815229	26.46%	6.601%
26	11.812	3247	3257	3276	rVB	206969	323392	10.50%	2.618%
27	12.063	3320	3335	3361	rBV	273989	504304	16.37%	4.083%
28	12.195	3365	3376	3388	rVB	160902	260329	8.45%	2.108%
29	12.542	3472	3484	3505	rBV3	111372	216777	7.04%	1.755%
30	12.886	3578	3591	3622	rBV	1093948	1599924	51.92%	12.954%
31	13.632	3810	3823	3831	rBV2	34122	56918	1.85%	0.461%
32	13.684	3831	3839	3854	rVB2	55670	89094	2.89%	0.721%
33	13.883	3886	3901	3916	rBV6	16326	34302	1.11%	0.278%
34	13.983	3920	3932	3947	rBV	76189	113668	3.69%	0.920%
35	14.651	4126	4140	4152	rBV3	19994	36198	1.17%	0.293%
36	14.732	4153	4165	4180	rBV	479606	693563	22.51%	5.616%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

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\SFAMUTR122121WMA.M
Title : TRACE VOA SFAM1.0

37	15.365	4349	4362	4376	rBV2	67359	109409	3.55%	0.886%
38	15.706	4454	4468	4483	rBV	124981	194580	6.31%	1.575%
39	16.767	4789	4798	4812	rBV2	55561	83186	2.70%	0.674%
40	16.873	4817	4831	4847	rBV5	37500	69222	2.25%	0.560%

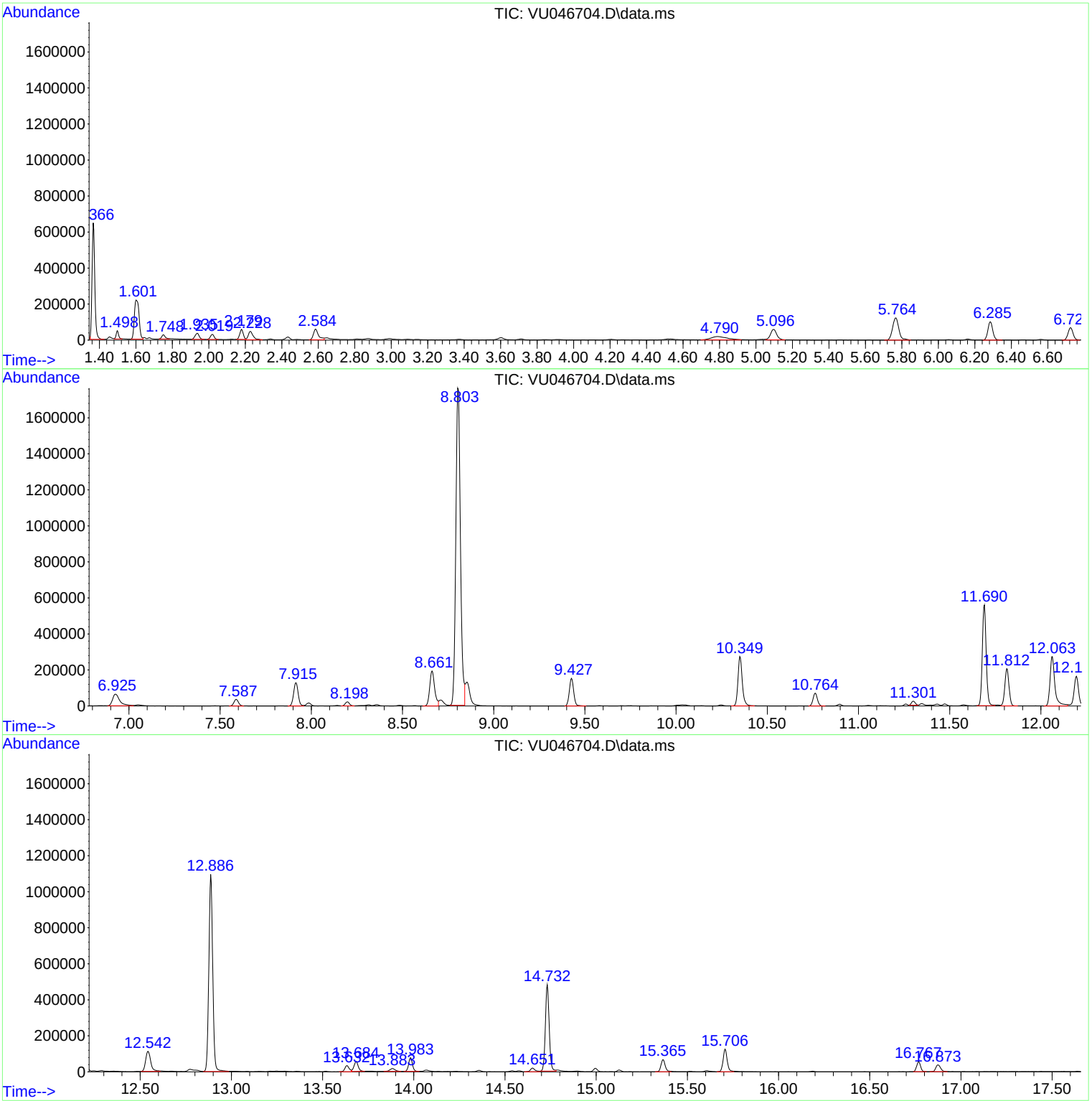
Sum of corrected areas: 12350783

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

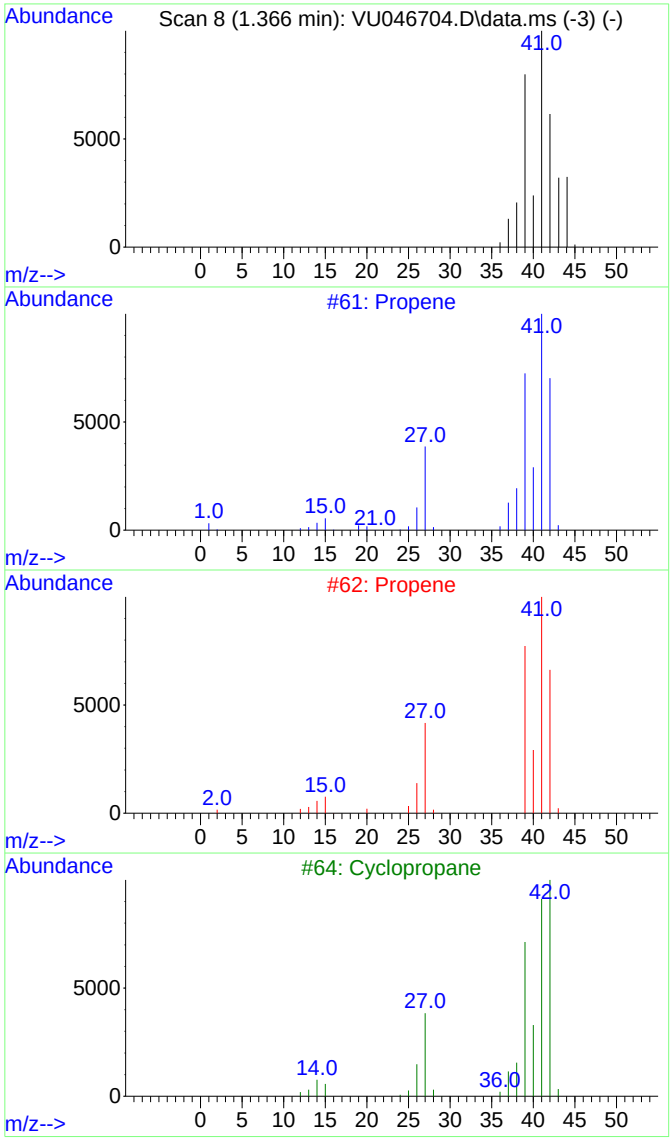
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

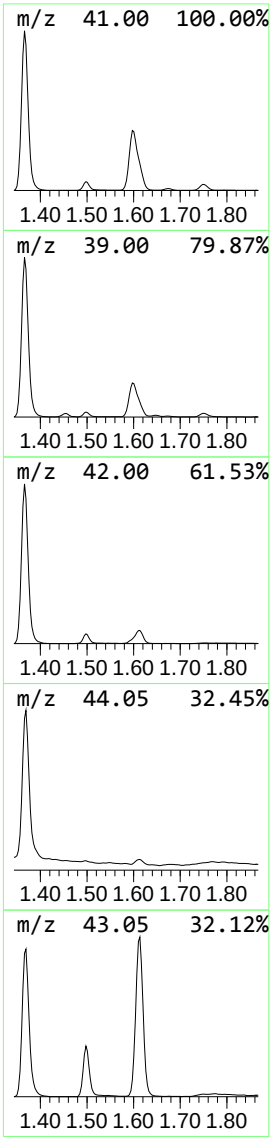
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.366	17.64 ug/L	663484	1,4-Difluorobenzene	6.285

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\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

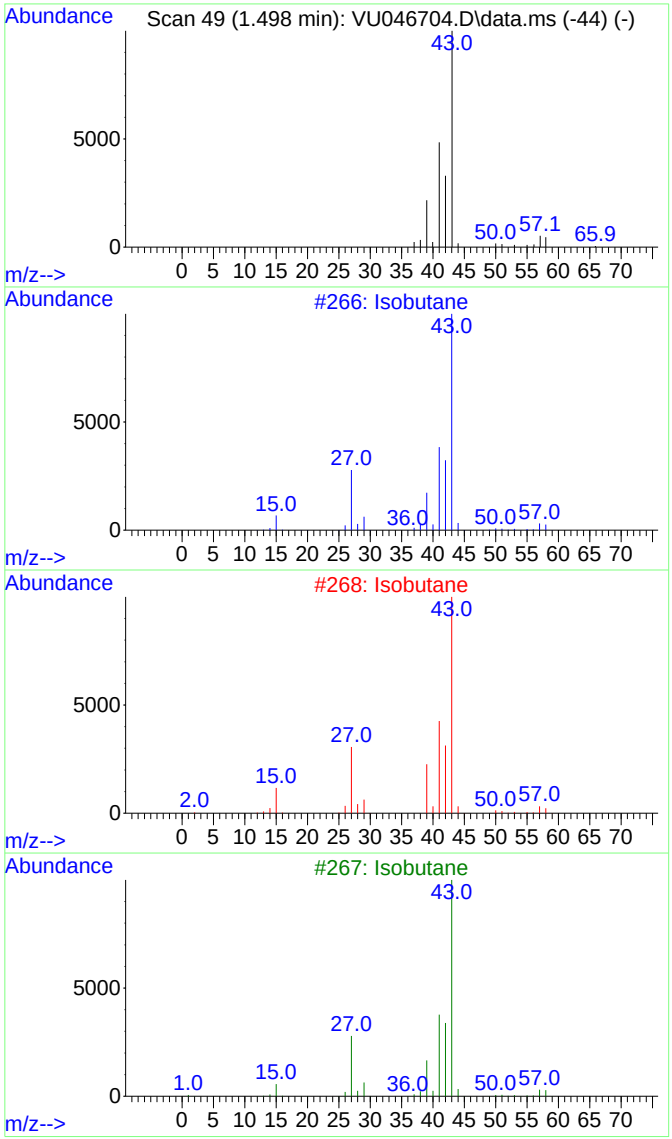
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

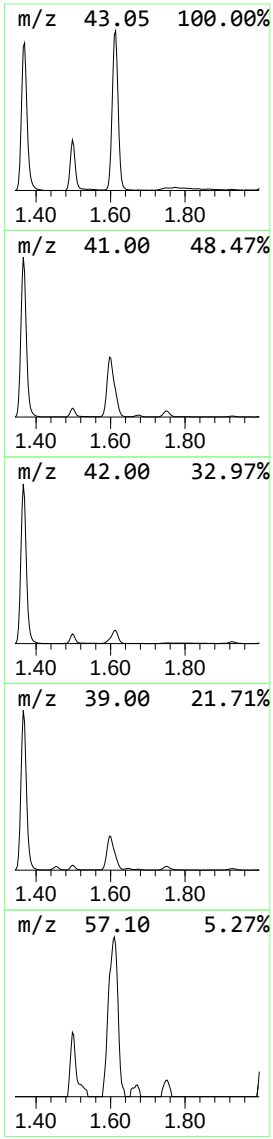
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.498	1.09 ug/L	40942	1,4-Difluorobenzene	6.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	78
2	Isobutane	58	C4H10	000075-28-5	56
3	Isobutane	58	C4H10	000075-28-5	50
4	Isobutane	58	C4H10	000075-28-5	50
5	Isobutane	58	C4H10	000075-28-5	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

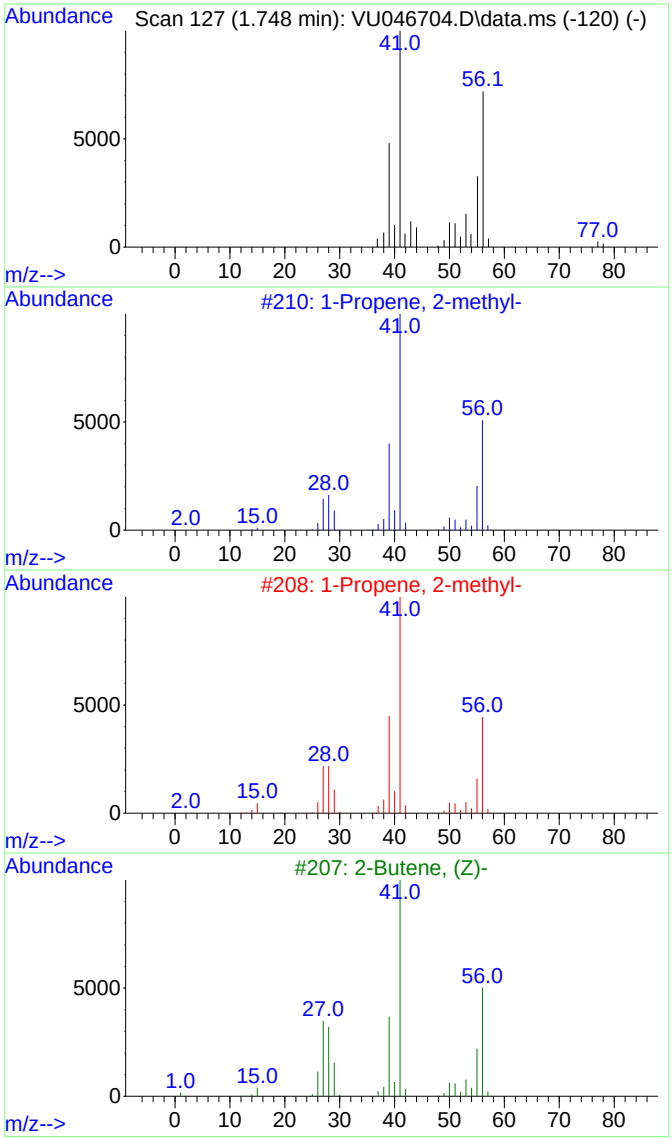
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

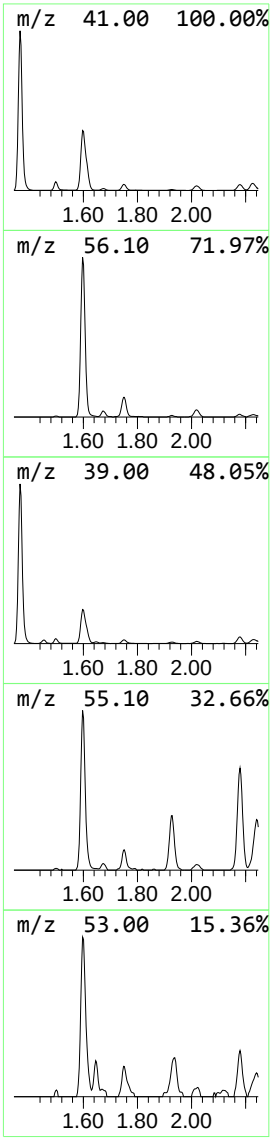
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.748	0.85 ug/L	31942	1,4-Difluorobenzene	6.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	64
3	2-Butene, (Z)-	56	C4H8	000590-18-1	62
4	2-Butene	56	C4H8	000107-01-7	62
5	2-Butene, (Z)-	56	C4H8	000590-18-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

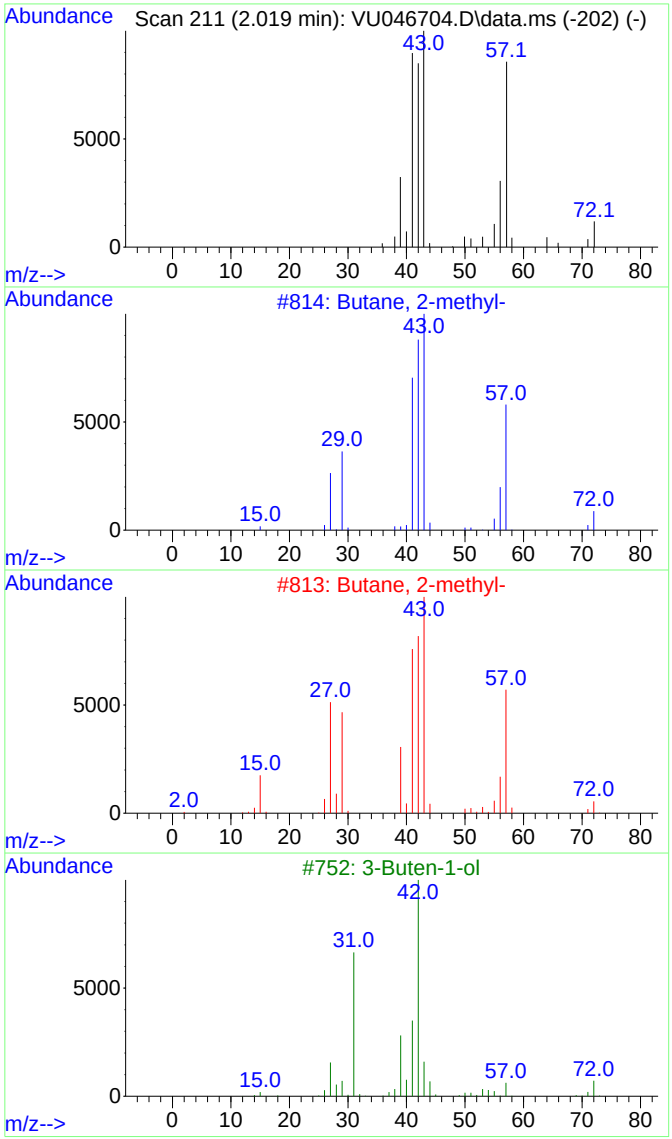
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

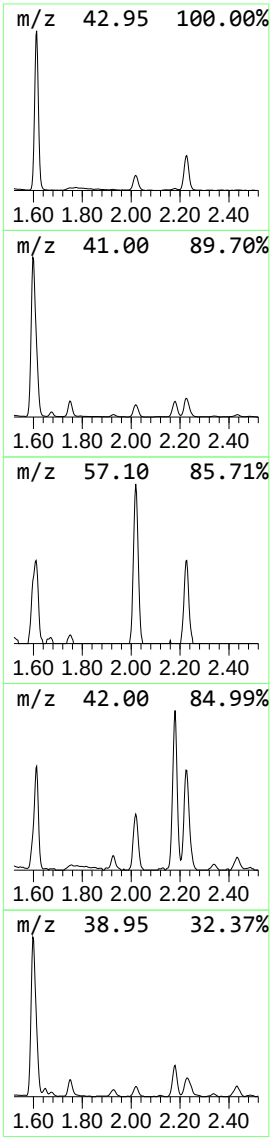
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.019	1.08 ug/L	40689	1,4-Difluorobenzene	6.285

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	3-Buten-1-ol	72	C4H8O	000627-27-0	37
4	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	33
5	Pentane	72	C5H12	000109-66-0	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

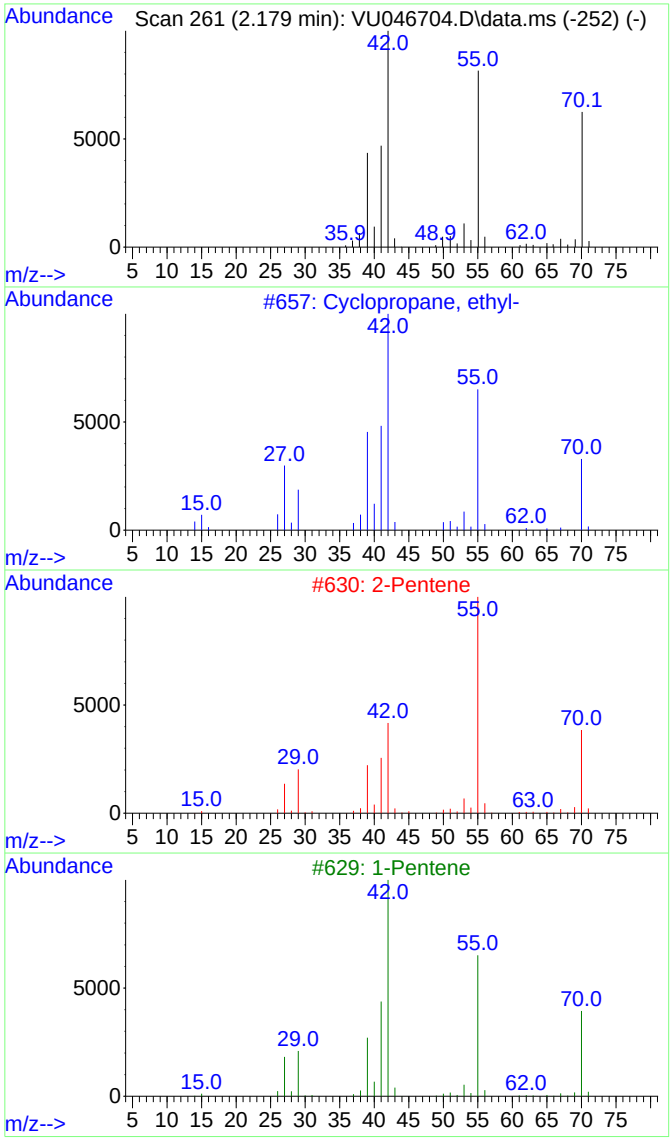
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

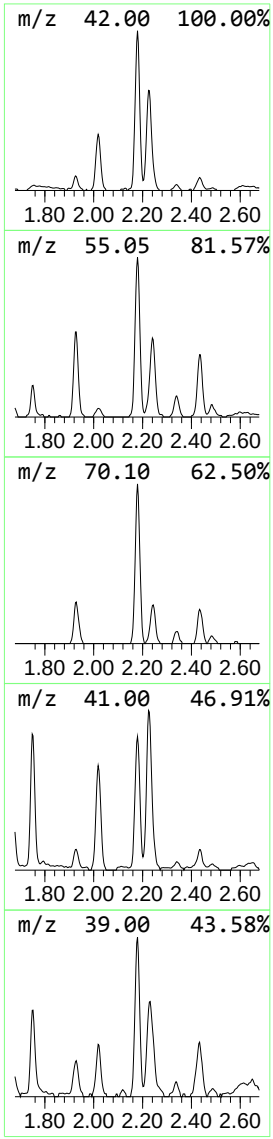
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic2.179 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.179	1.95 ug/L	73455	1,4-Difluorobenzene	6.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	2-Pentene	70	C5H10	000109-68-2	83
3	1-Pentene	70	C5H10	000109-67-1	72
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	70
5	1-Pentene	70	C5H10	000109-67-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

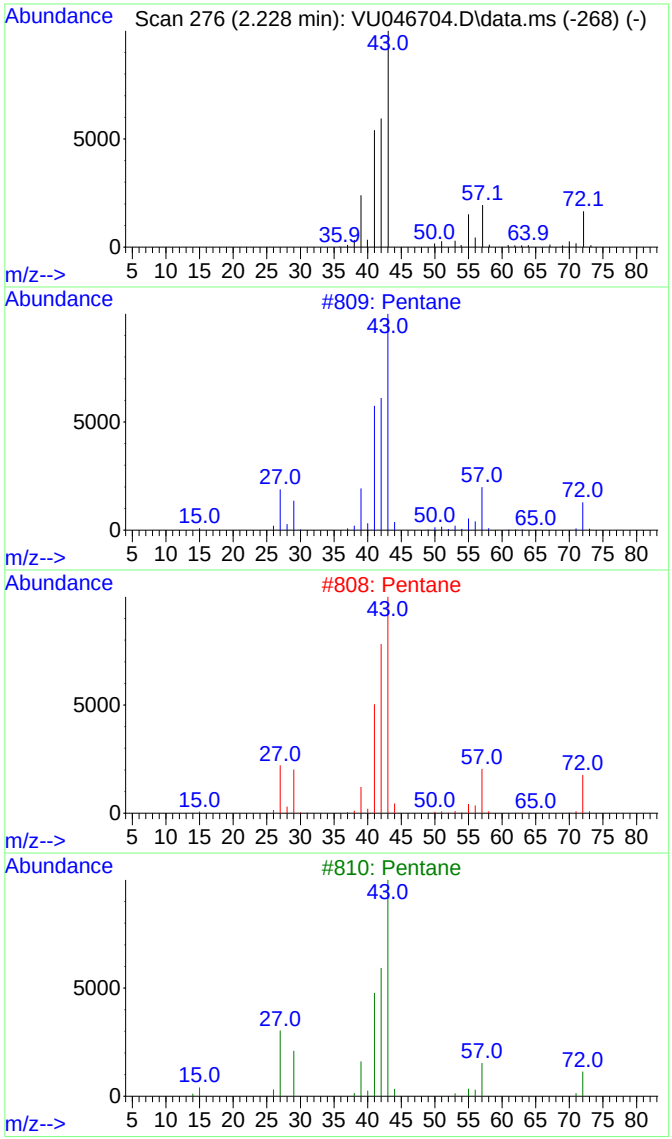
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

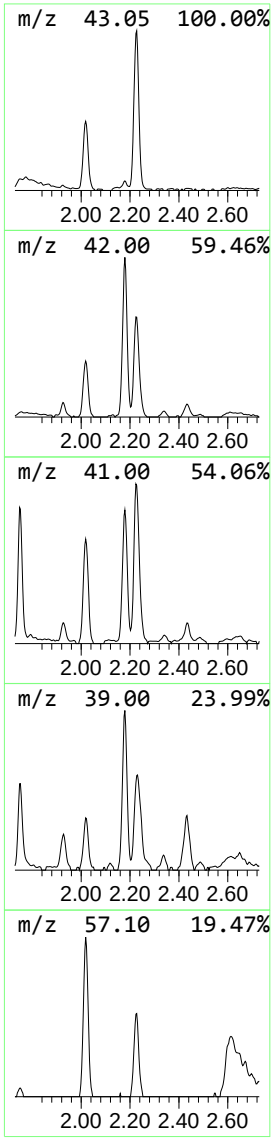
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.228	2.25 ug/L	84781	1,4-Difluorobenzene	6.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	78
5	Pentane	72	C5H12	000109-66-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

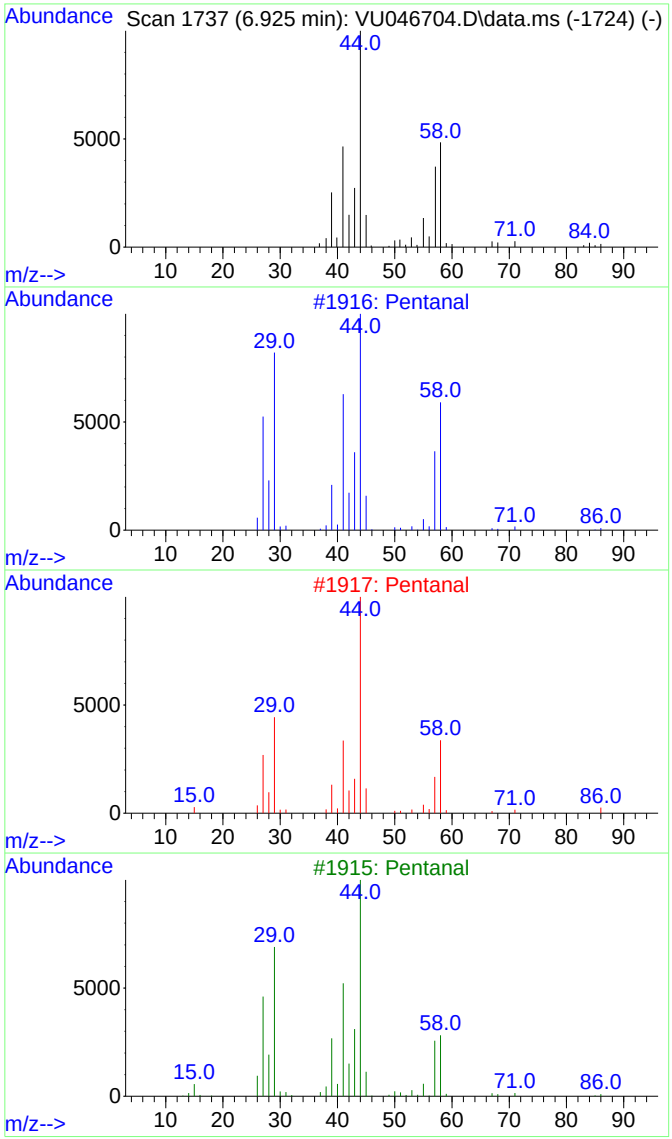
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

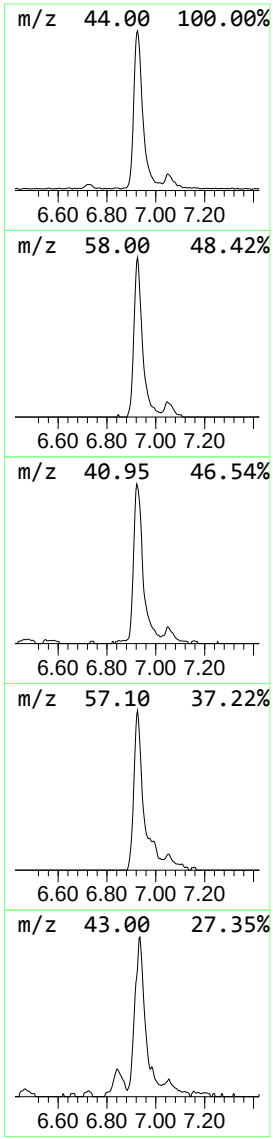
****

Peak Number 7 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.925	4.75 ug/L	178507	1,4-Difluorobenzene	6.285

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Pentanal	86	C5H10O	000110-62-3	74
3	Pentanal	86	C5H10O	000110-62-3	72
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

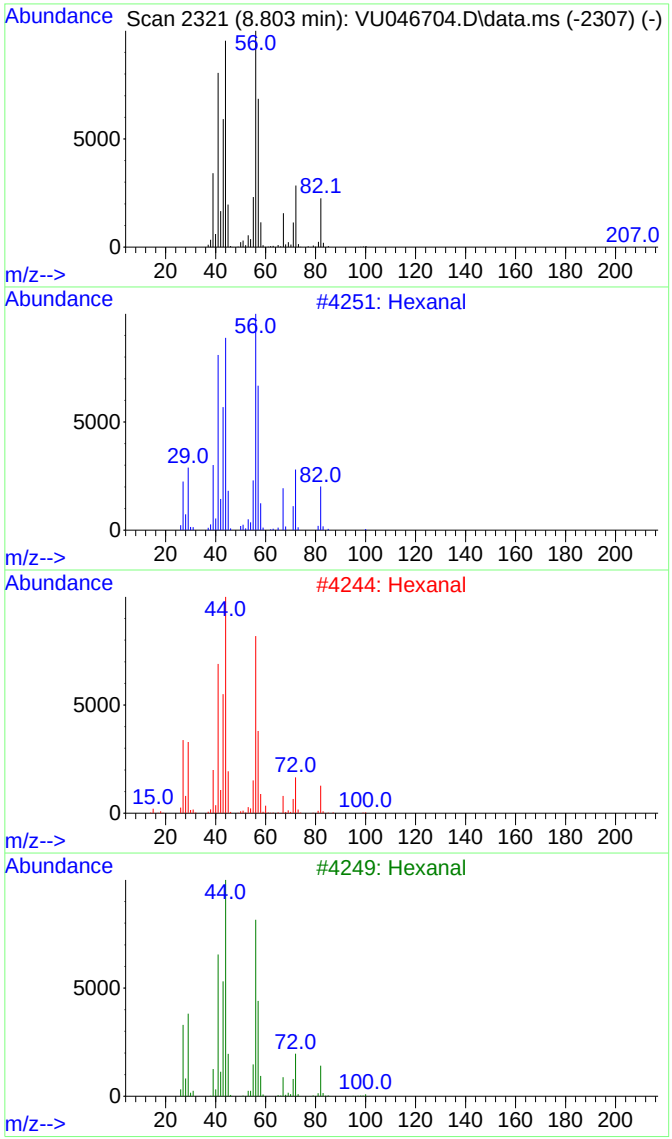
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

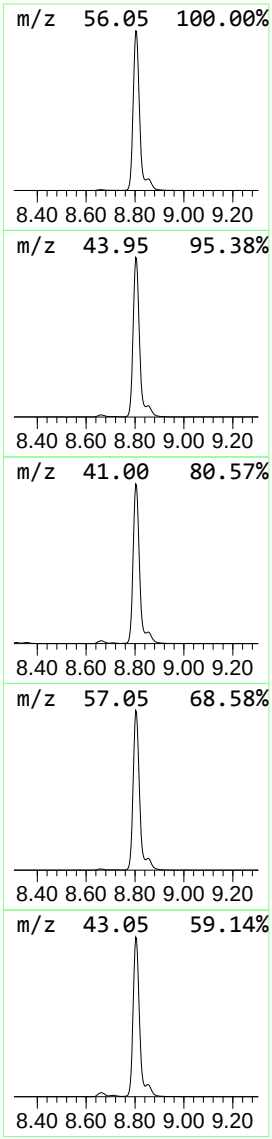
****

Peak Number 9 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	60.88 ug/L	3081300	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	94
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	90
5	Hexanal	100	C6H12O	000066-25-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

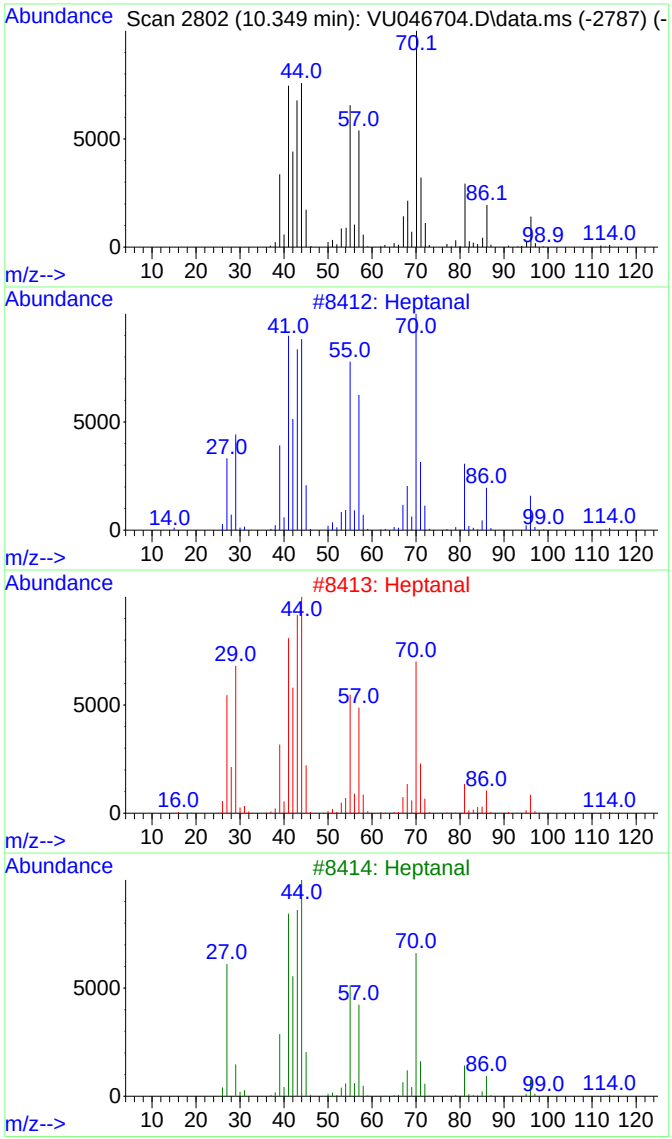
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

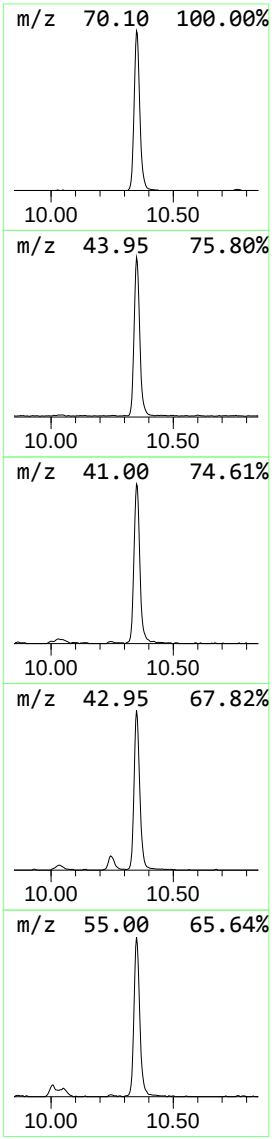
****

Peak Number 10 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	8.86 ug/L	448469	Chlorobenzene-d5	9.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	98
2	Heptanal	114	C7H14O	000111-71-7	96
3	Heptanal	114	C7H14O	000111-71-7	95
4	Heptanal	114	C7H14O	000111-71-7	90
5	Heptanal	114	C7H14O	000111-71-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

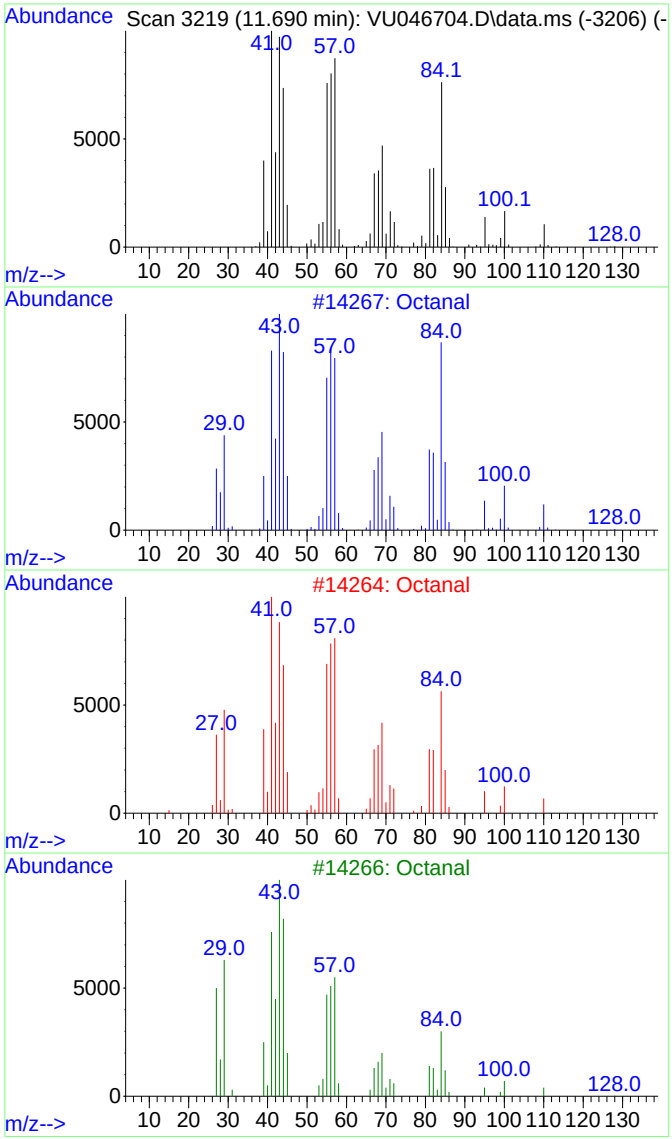
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

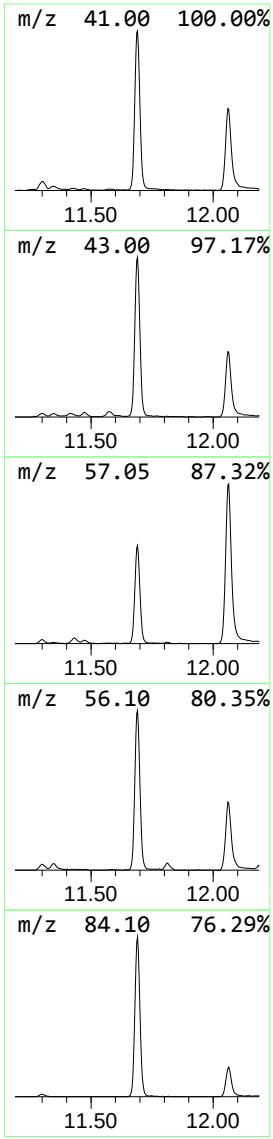
****

Peak Number 11 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.690	12.60 ug/L	815229	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	98
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	83
4	Octanal	128	C8H16O	000124-13-0	81
5	Octanal	128	C8H16O	000124-13-0	58





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Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

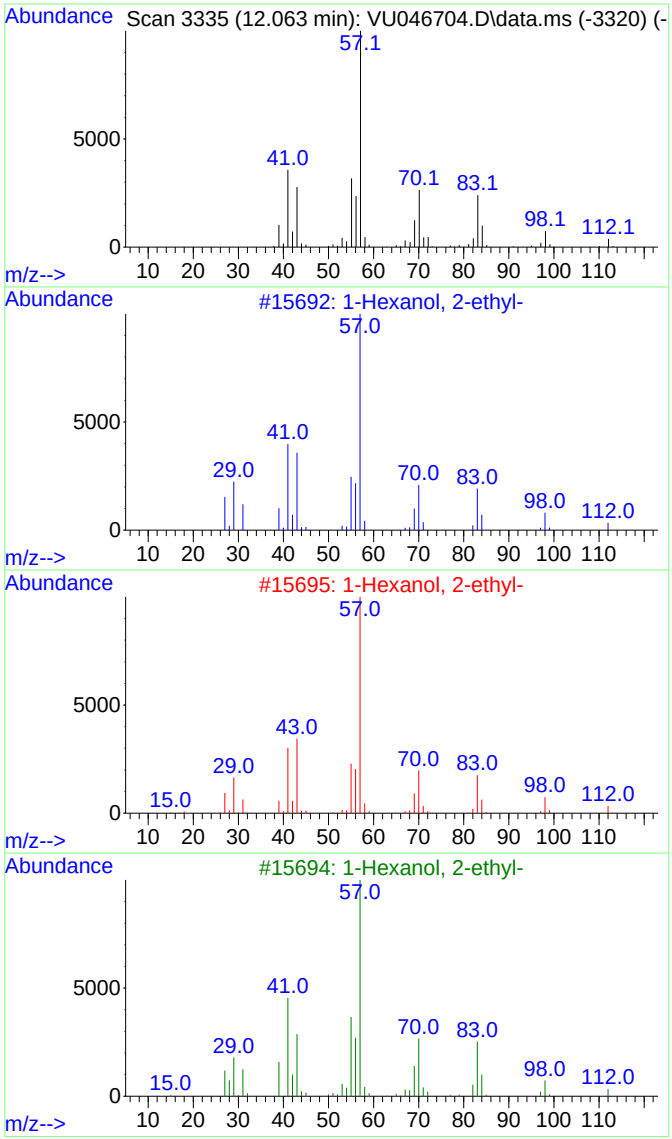
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

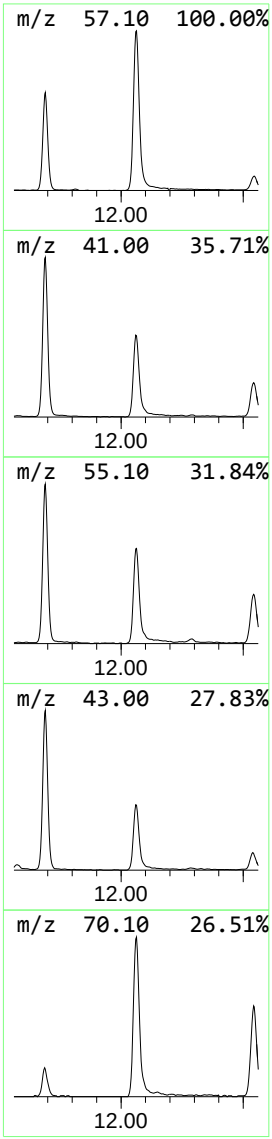
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	7.80 ug/L	504304	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	90
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

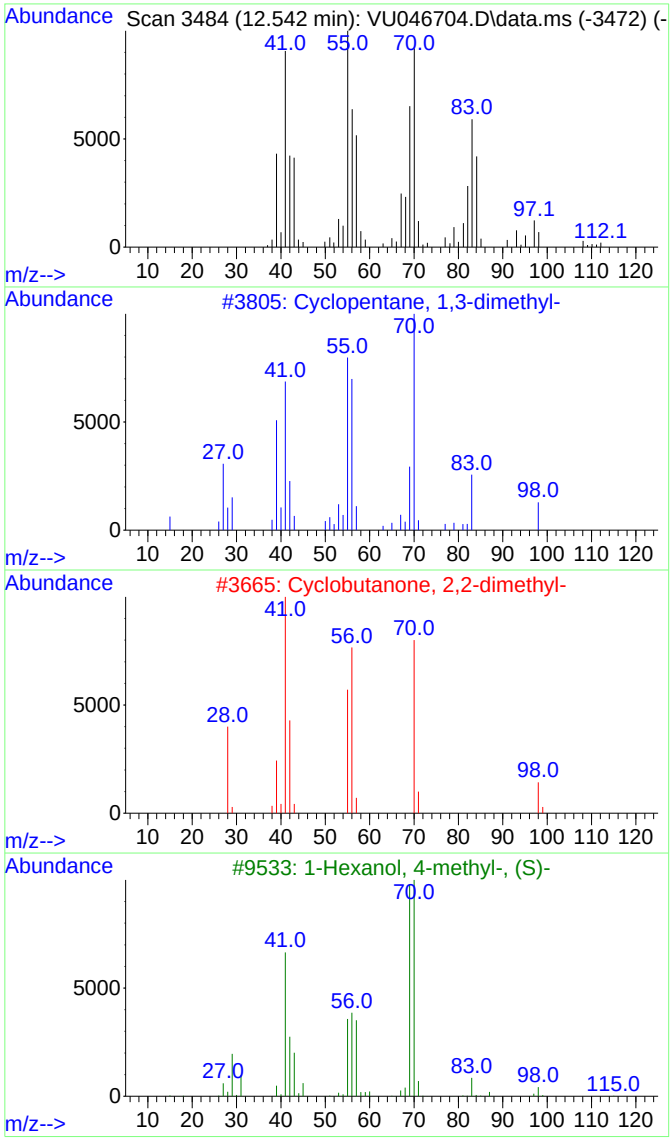
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

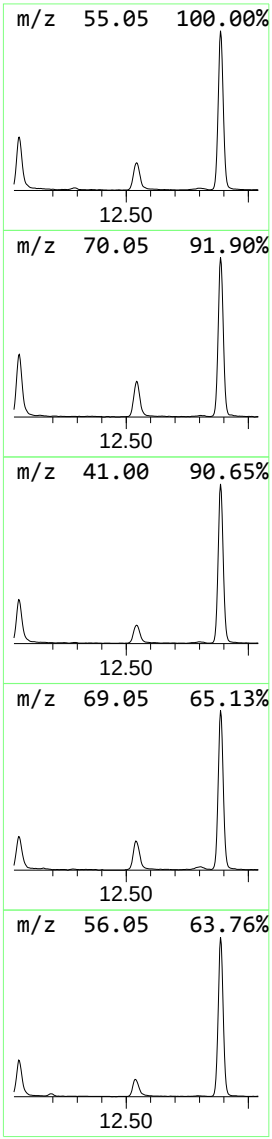
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic12.542 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	3.35 ug/L	216777	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38
2	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	38
3	1-Hexanol, 4-methyl-, (S)-	116	C7H16O	001767-46-0	38
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	30
5	1H-Pyrazole, 4,5-dihydro-3-methyl-	84	C4H8N2	001911-30-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

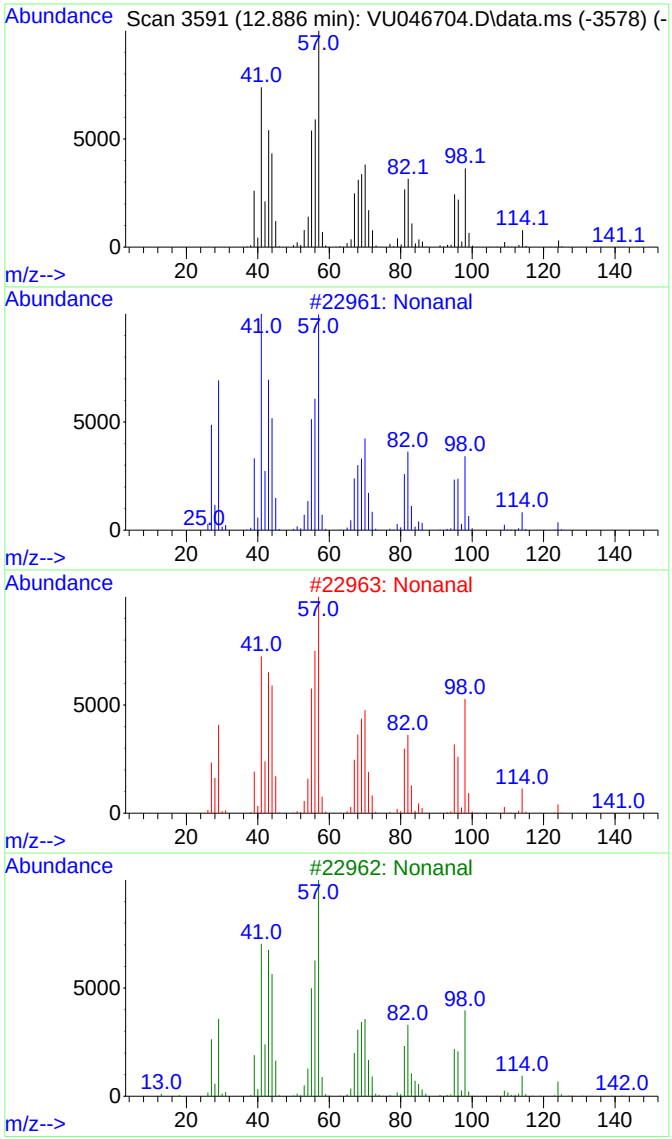
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

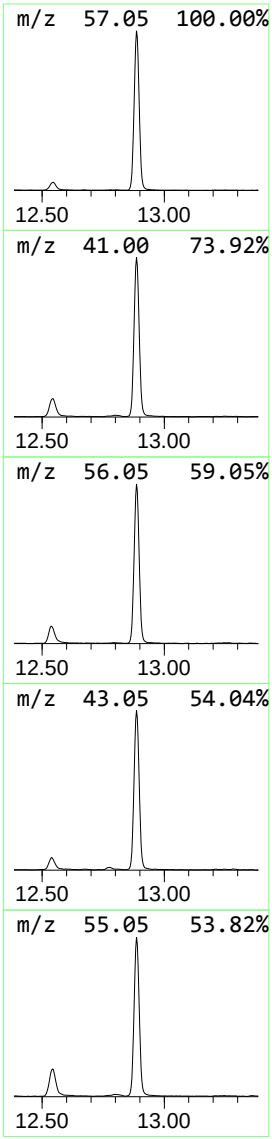
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	24.74 ug/L	1599920	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	91
4	Nonanal	142	C9H18O	000124-19-6	83
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

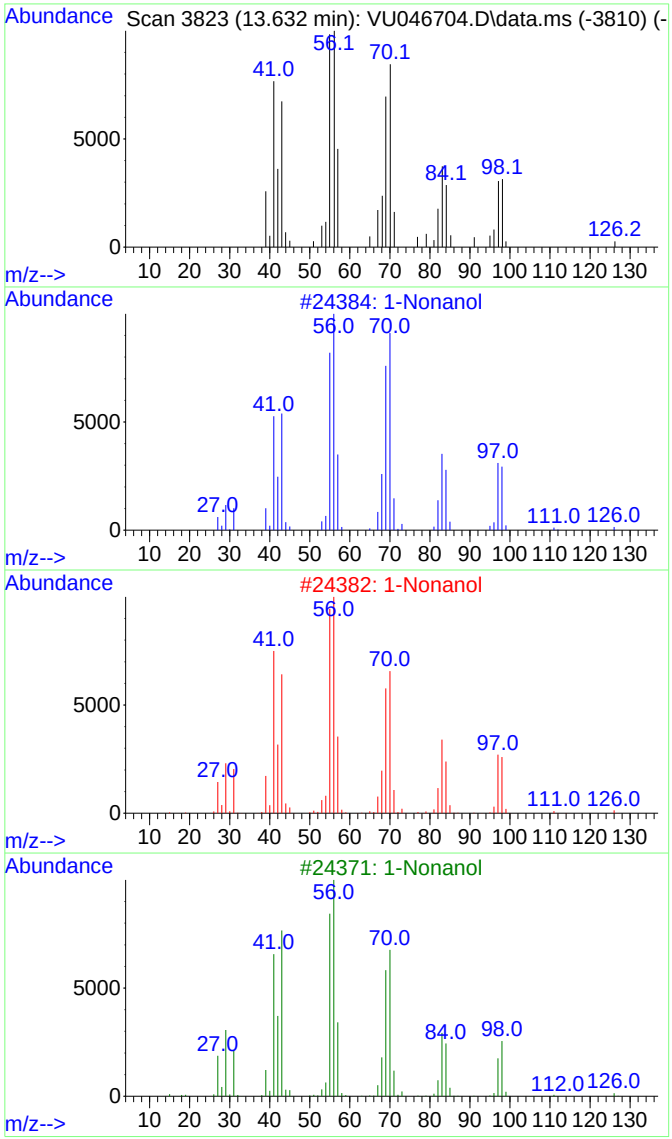
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

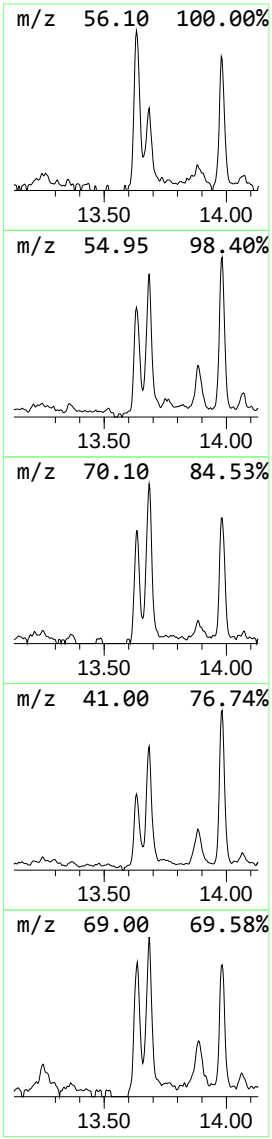
****

Peak Number 15 1-Nonanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.632	0.88 ug/L	56918	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	1-Nonanol	144	C9H20O	000143-08-8	91
3	1-Nonanol	144	C9H20O	000143-08-8	90
4	1-Decanol	158	C10H22O	000112-30-1	86
5	Nonyl chloroformate	206	C10H19ClO2	057045-82-6	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

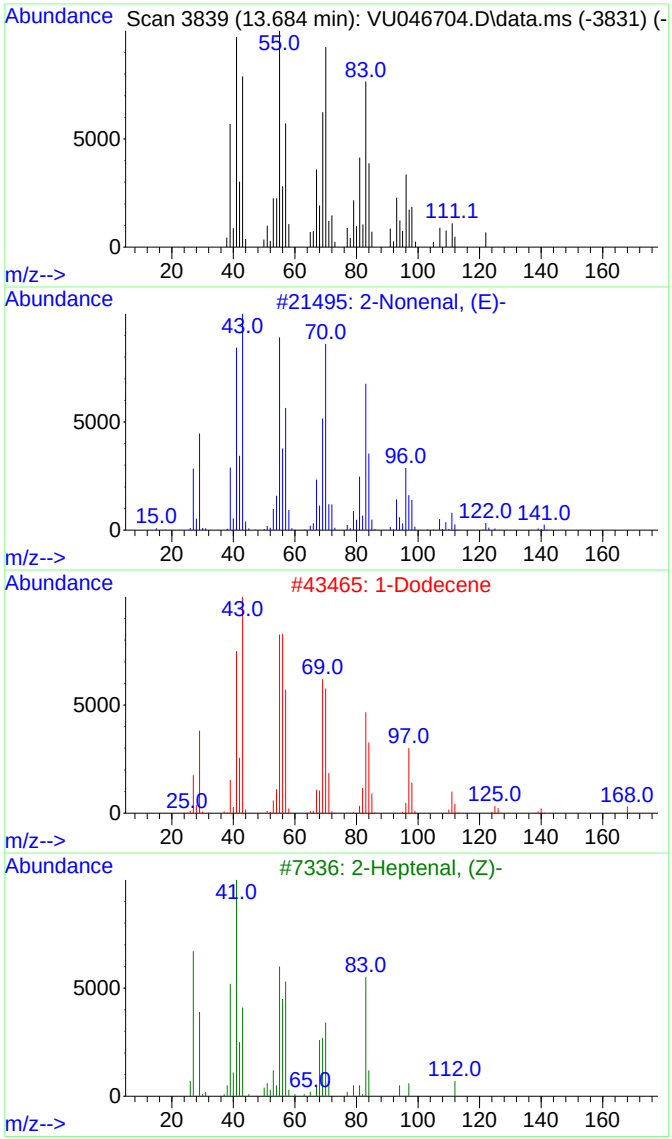
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

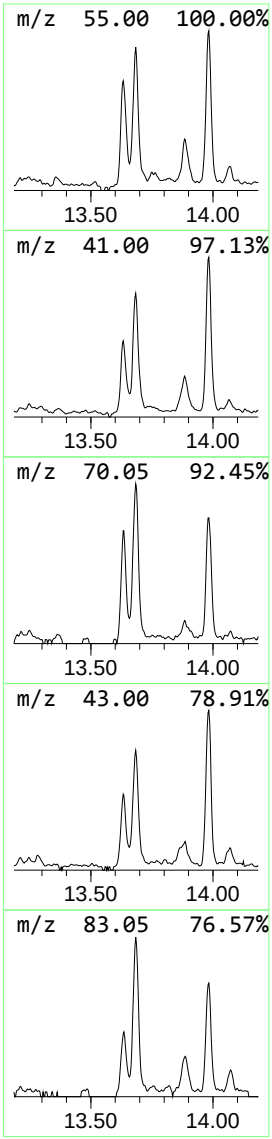
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Nonenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.684	1.38 ug/L	89094	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	80
2	1-Dodecene	168	C12H24	000112-41-4	59
3	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38
4	2-Decenal, (E)-	154	C10H18O	003913-81-3	38
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

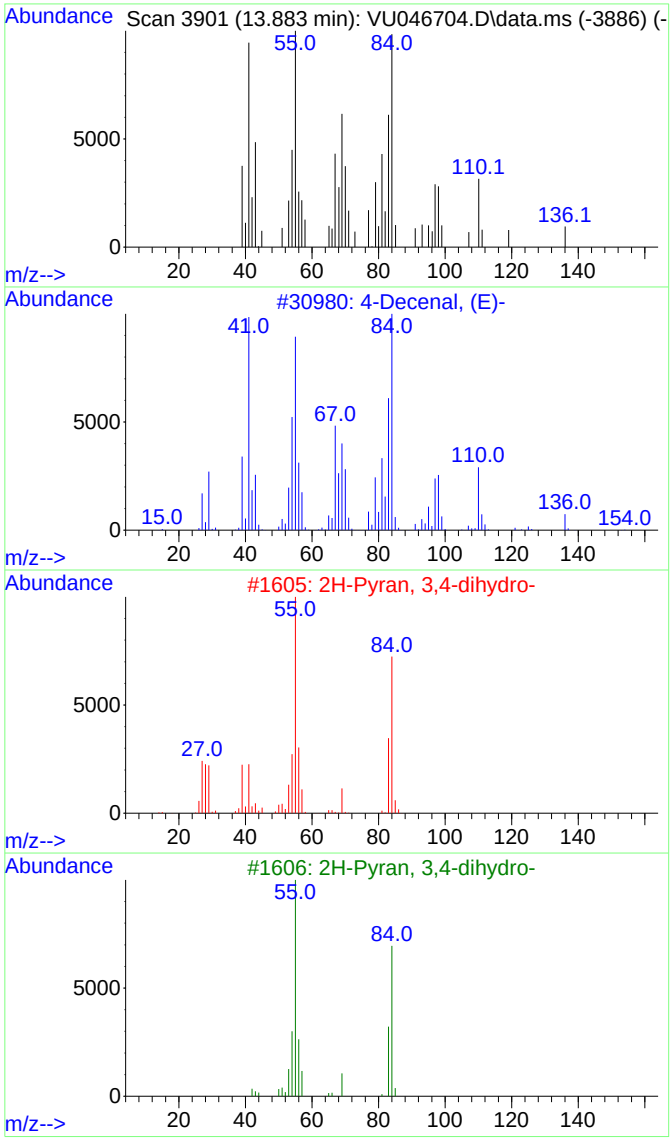
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

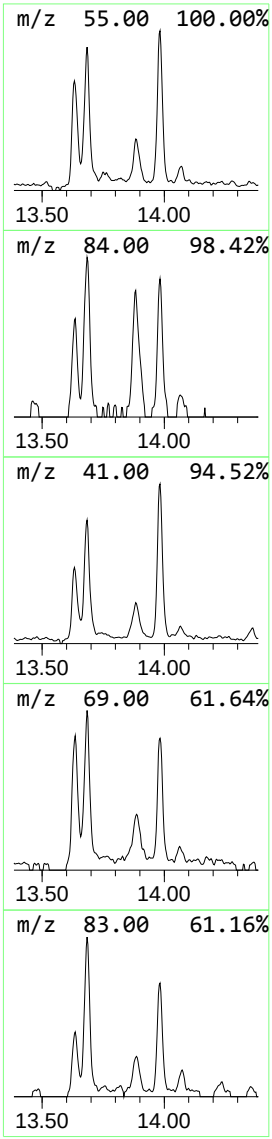
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Decenal, (E)- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.883	0.53 ug/L	34302	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decenal, (E)-	154	C10H18O	065405-70-1	90
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	46
3	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	46
4	Cyclopropanecarboxamidine	84	C4H8N2	054070-74-5	43
5	1,2-Diazaspiro(2.5)octane	112	C6H12N2	000185-79-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

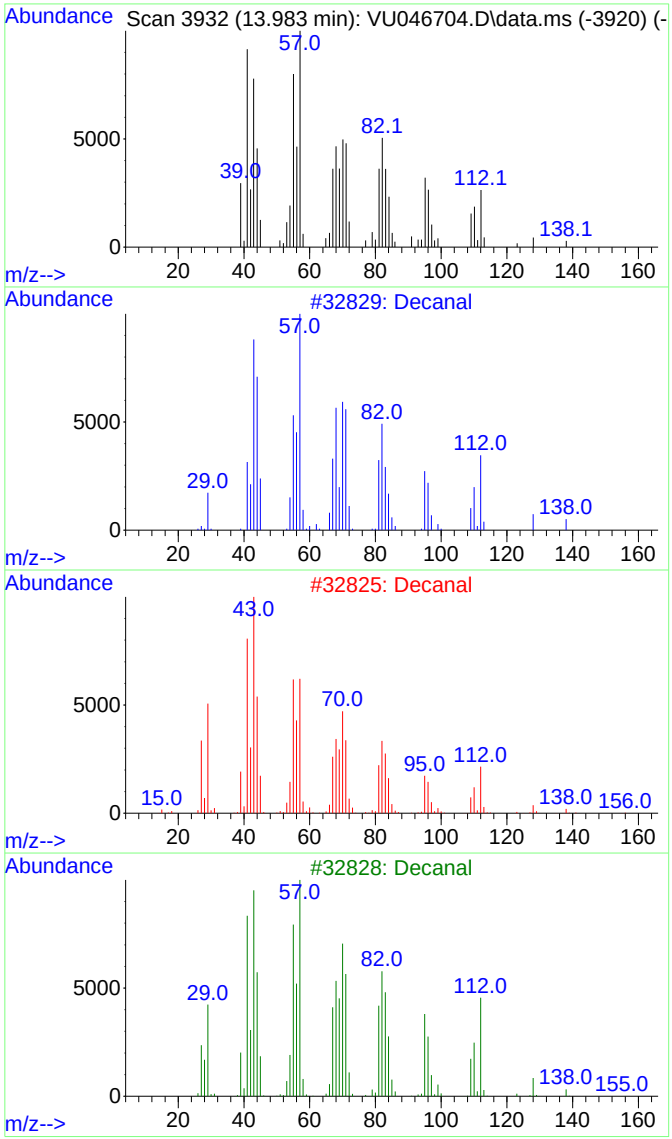
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

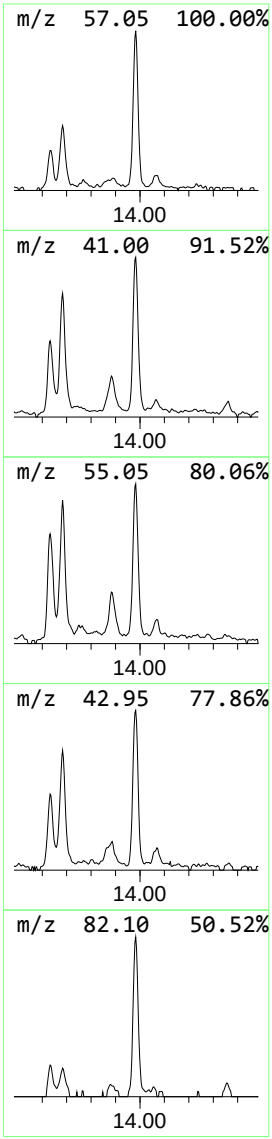
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Decanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	1.76 ug/L	113668	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal	156	C10H20O	000112-31-2	91
2	Decanal	156	C10H20O	000112-31-2	90
3	Decanal	156	C10H20O	000112-31-2	90
4	Decanal	156	C10H20O	000112-31-2	74
5	3-Octene, (Z)-	112	C8H16	014850-22-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

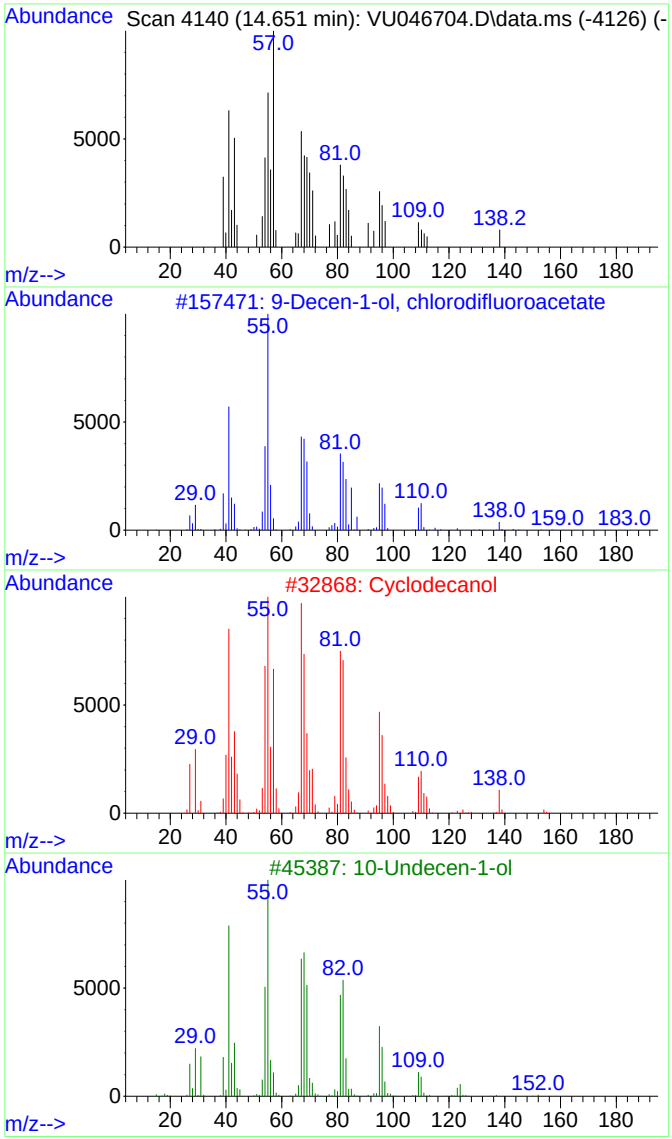
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

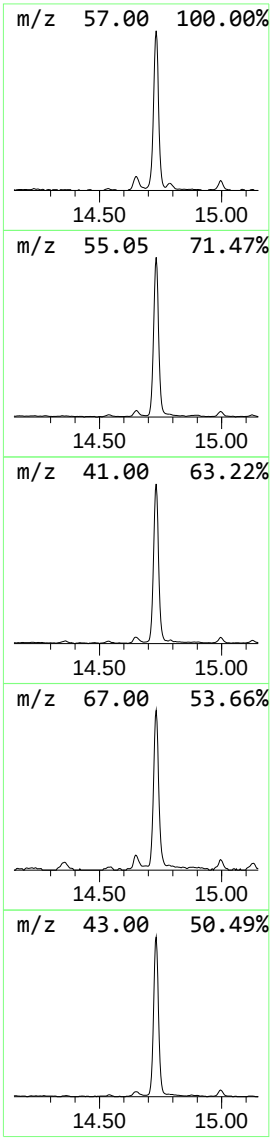
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Decen-1-ol, chlorodifluor... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	0.56 ug/L	36198	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Decen-1-ol, chlorodifluoroacetate	268	C12H19ClF2O2	1000447-47-6	90
2	Cyclodecanol	156	C10H20O	001502-05-2	86
3	10-Undecen-1-ol	170	C11H22O	000112-43-6	86
4	Cyclodecanol	156	C10H20O	001502-05-2	86
5	10-Undecen-1-ol	170	C11H22O	000112-43-6	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

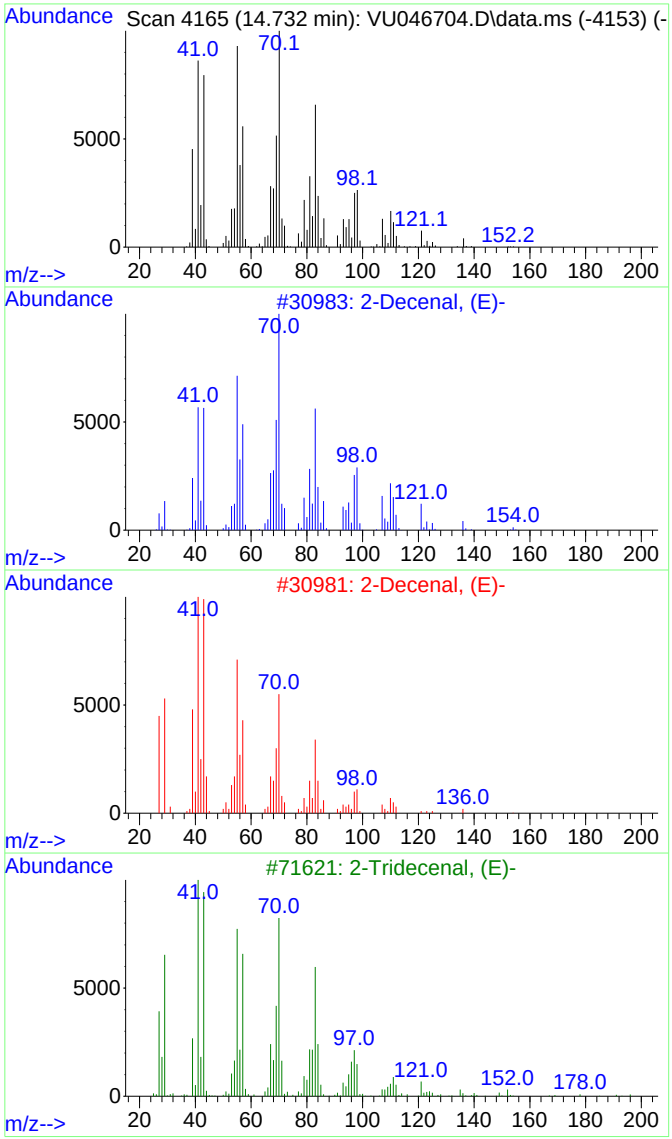
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

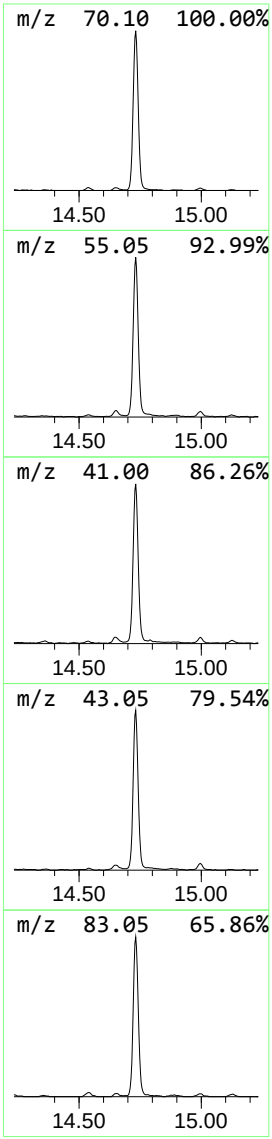
****

Peak Number 20 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	10.72 ug/L	693563	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2	2-Decenal, (E)-	154	C10H18O	003913-81-3	83
3	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
4	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

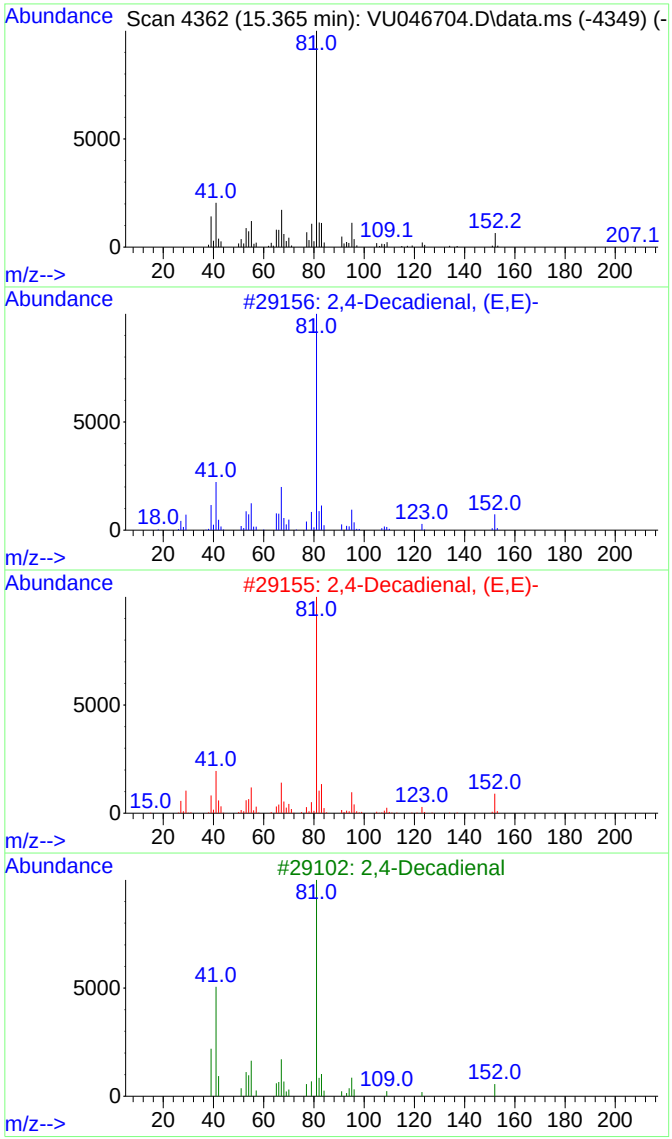
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

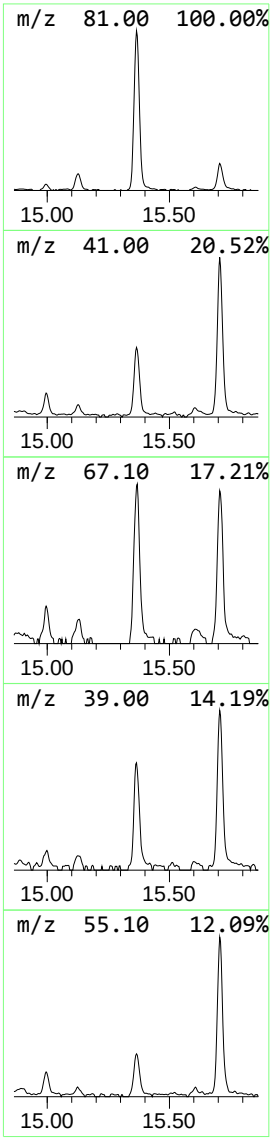
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2,4-Decadienal, (E,E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	1.69 ug/L	109409	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	94
2	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	91
3	2,4-Decadienal	152	C10H16O	002363-88-4	90
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
5	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

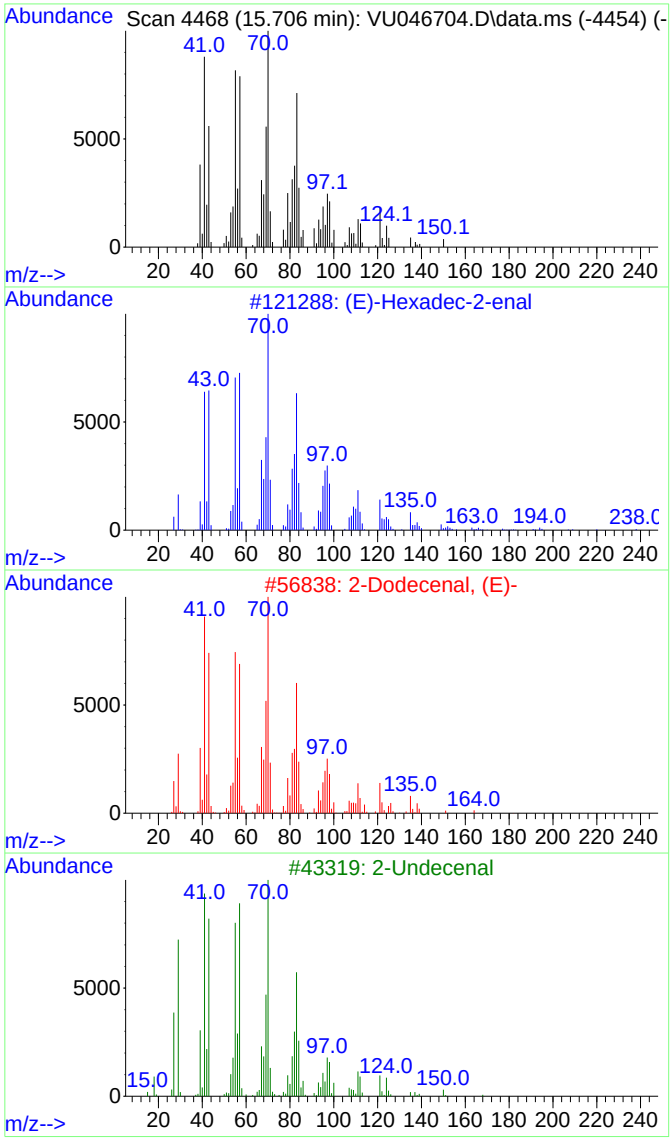
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

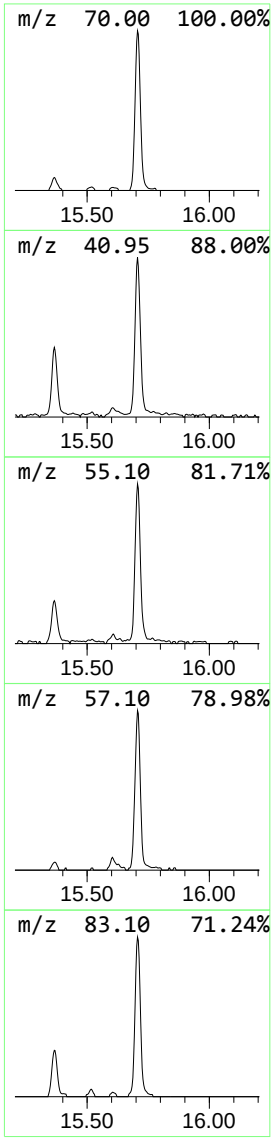
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (E)-Hexadec-2-enal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.706	3.01 ug/L	194580	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-2-enal	238	C16H30O	022644-96-8	80
2	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	80
3	2-Undecenal	168	C11H20O	002463-77-6	64
4	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	53
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

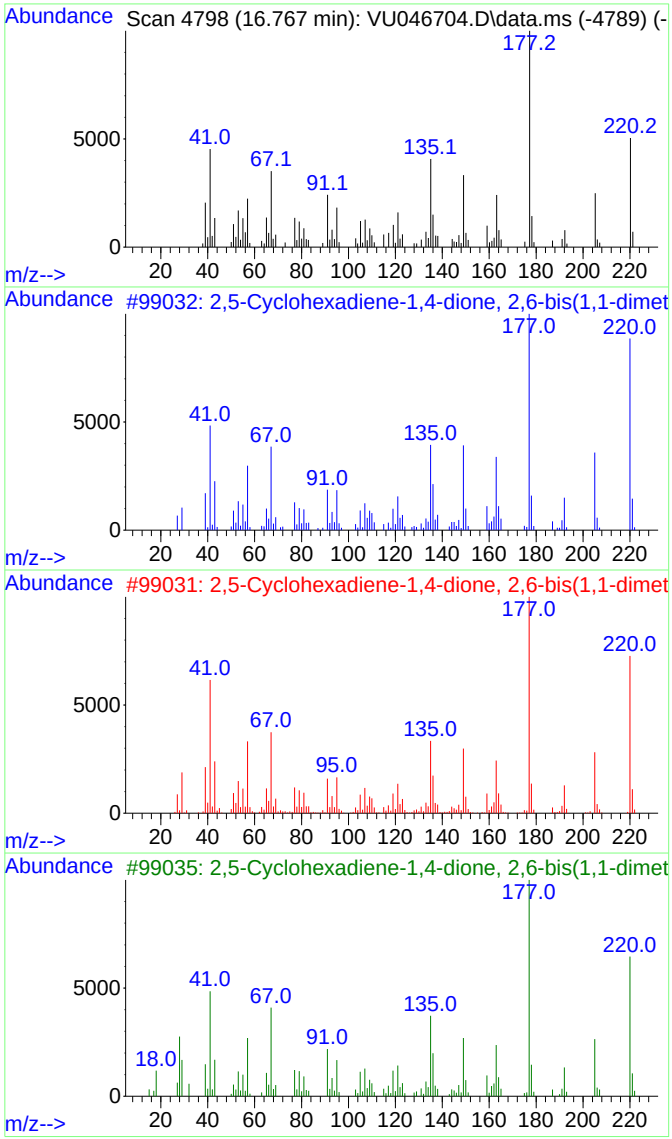
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

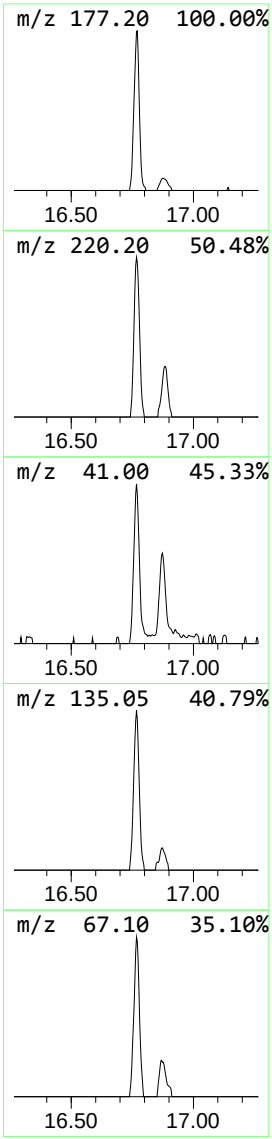
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.767	1.29 ug/L	83186	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	96
2	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93
3	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	92
4	trans-.beta.-Ionone	192	C13H20O	000079-77-6	60
5	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

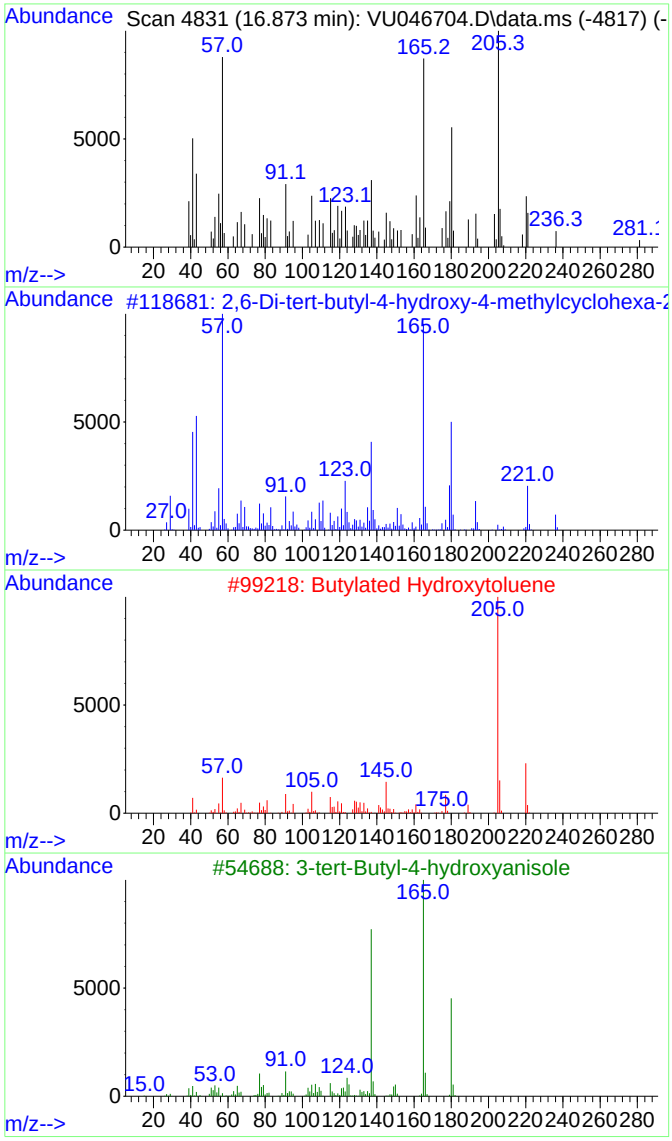
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0

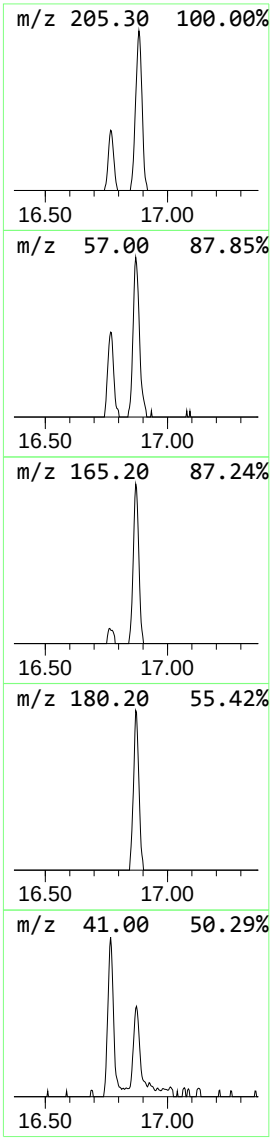
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 2,6-Di-tert-butyl-4-hydroxy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.873	1.07 ug/L	69222	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di-tert-butyl-4-hydroxy-4-me...	236	C15H24O2	010396-80-2	96
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	58
3	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	46
4	Atropic acid, TMS derivative	220	C12H16O2Si	1000484-83-7	42
5	3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
Data File : VU046704.D
Acq On : 08 Jan 2022 14:25
Operator : SY/MD
Sample : N1077-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.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...	1.366	17.6	ug/L	663484	1	6.285	188028	5.0
(DEL) Alkane: S...	1.498	1.1	ug/L	40942	1	6.285	188028	5.0
(DEL) Alkane: S...	1.748	0.8	ug/L	31942	1	6.285	188028	5.0
(DEL) Alkane: S...	2.019	1.1	ug/L	40689	1	6.285	188028	5.0
(DEL) Alkane: C...	2.179	2.0	ug/L	73455	1	6.285	188028	5.0
(DEL) Alkane: S...	2.228	2.3	ug/L	84781	1	6.285	188028	5.0
Pentanal	6.925	4.8	ug/L	178507	1	6.285	188028	5.0
Hexanal	8.803	60.9	ug/L	3081300	2	9.427	253053	5.0
Heptanal	10.349	8.9	ug/L	448469	2	9.427	253053	5.0
Octanal	11.690	12.6	ug/L	815229	3	11.812	323392	5.0
1-Hexanol, 2-et...	12.063	7.8	ug/L	504304	3	11.812	323392	5.0
(DEL) Alkane: C...	12.542	3.4	ug/L	216777	3	11.812	323392	5.0
Nonanal	12.886	24.7	ug/L	1599920	3	11.812	323392	5.0
1-Nonanol	13.632	0.9	ug/L	56918	3	11.812	323392	5.0
2-Nonenal, (E)-	13.684	1.4	ug/L	89094	3	11.812	323392	5.0
4-Decenal, (E)-	13.883	0.5	ug/L	34302	3	11.812	323392	5.0
Decanal	13.983	1.8	ug/L	113668	3	11.812	323392	5.0
9-Decen-1-ol, c...	14.651	0.6	ug/L	36198	3	11.812	323392	5.0
2-Decenal, (E)-	14.732	10.7	ug/L	693563	3	11.812	323392	5.0
2,4-Decadienal,...	15.365	1.7	ug/L	109409	3	11.812	323392	5.0
(E)-Hexadec-2-enal	15.706	3.0	ug/L	194580	3	11.812	323392	5.0
2,5-Cyclohexadi...	16.767	1.3	ug/L	83186	3	11.812	323392	5.0
2,6-Di-tert-but...	16.873	1.1	ug/L	69222	3	11.812	323392	5.0