LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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: VU046868.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	14	rBV	32338	30545	2.46%	0.432%
2	1.478	36	43	46	rBV	63305	66122	5.33%	0.934%
3	1.494	46	48	70	rVV	47928	52249	4.21%	0.738%
4	1.604	72	82	98	rVB2	56666	79705	6.42%	1.126%
5	1.922	172	181	191	rBV	40280	54172	4.36%	0.765%
6	2.147	243	251	263	rVB3	11934	21035	1.69%	0.297%
7	2.584	368	387	401	rBV4	188481	372663	30.01%	5.265%
8	3.369	611	631	649	rBV2	38963	92745	7.47%	1.310%
9	3.877	772	789	815	rBV2	64500	157758	12.71%	2.229%
10	4.671	1013	1036	1078	rBV3	247893	685703	55.23%	9.687%
11	5.070	1143	1160	1183	rBV3	80079	193746	15.60%	2.737%
12	5.321	1223	1238	1256	rVB2	26265	57245	4.61%	0.809%
13	5.729	1344	1365	1382	rBV2	149347	397522	32.02%	5.616%
14	6.253	1513	1528	1551	rBV	129266	246472	19.85%	3.482%
15	6.546	1604	1619	1643	rBV	665575	1241613	100.00%	17.540%
16	6.694	1652	1665	1683	rVB	95846	187671	15.12%	2.651%
17	6.883	1712	1724	1737	rBV3	9053	17670	1.42%	0.250%
18	7.568	1925	1937	1955	rBV	45691	79258	6.38%	1.120%
19	7.899	2027	2040	2057	rBV	174848	307648	24.78%	4.346%
20	8.182	2116	2128	2143	rBV2	29212	48176	3.88%	0.681%
21	8.555	2227	2244	2259	rBV	359373	613816	49.44%	8.671%
22	8.639	2259	2270	2300	rVB	291709	536034	43.17%	7.572%
23	8.787	2305	2316	2337	rBV2	93652	162304	13.07%	2.293%
24	9.420	2500	2513	2532	rBV	197633	333490	26.86%	4.711%
25	10.343	2791	2800	2819	rVB3	16783	26660	2.15%	0.377%
26	10.758	2918	2929	2944	rBV2	88186	142068	11.44%	2.007%
27	11.687	3207	3218	3230	rBV3	39272	60705	4.89%	0.858%
28	11.812	3245	3257	3274	rVB	218399	348465	28.07%	4.923%
29	12.195	3363	3376	3394	rVB	173949	292521	23.56%	4.132%
30	12.886	3581	3591	3607	rBV	90545	136491	10.99%	1.928%
31	14.732	4157	4165	4176	rVB3	25335	36450	2.94%	0.515%

Sum of corrected areas: 7078722

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
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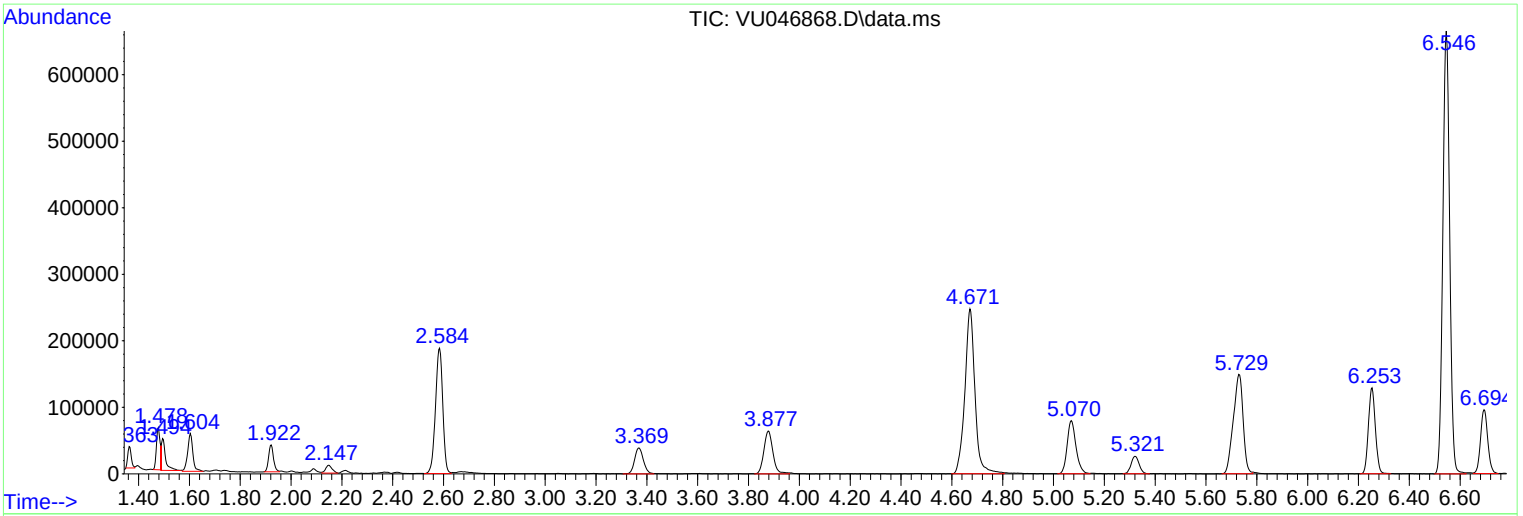
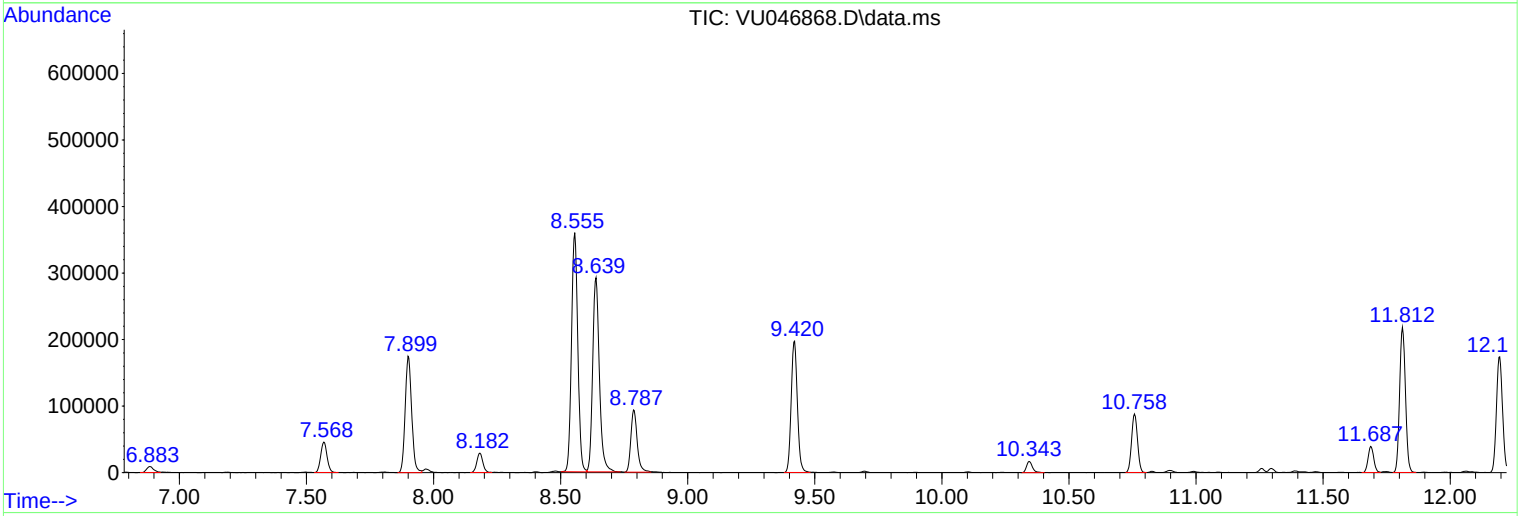
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

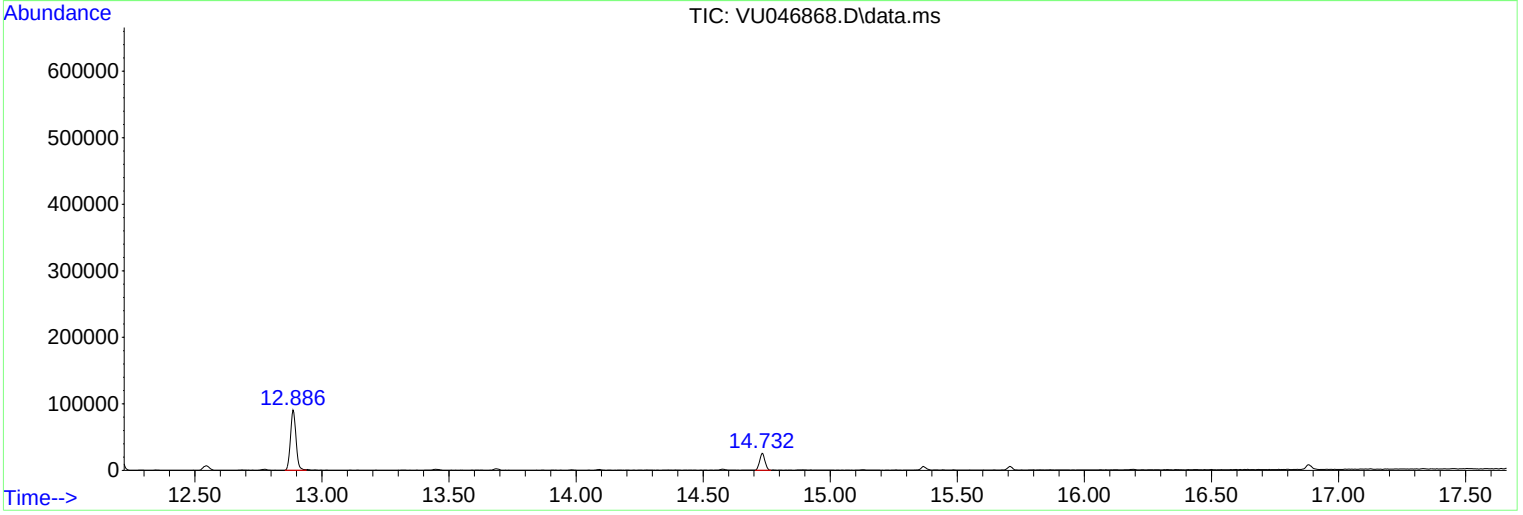
Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
BFXY1

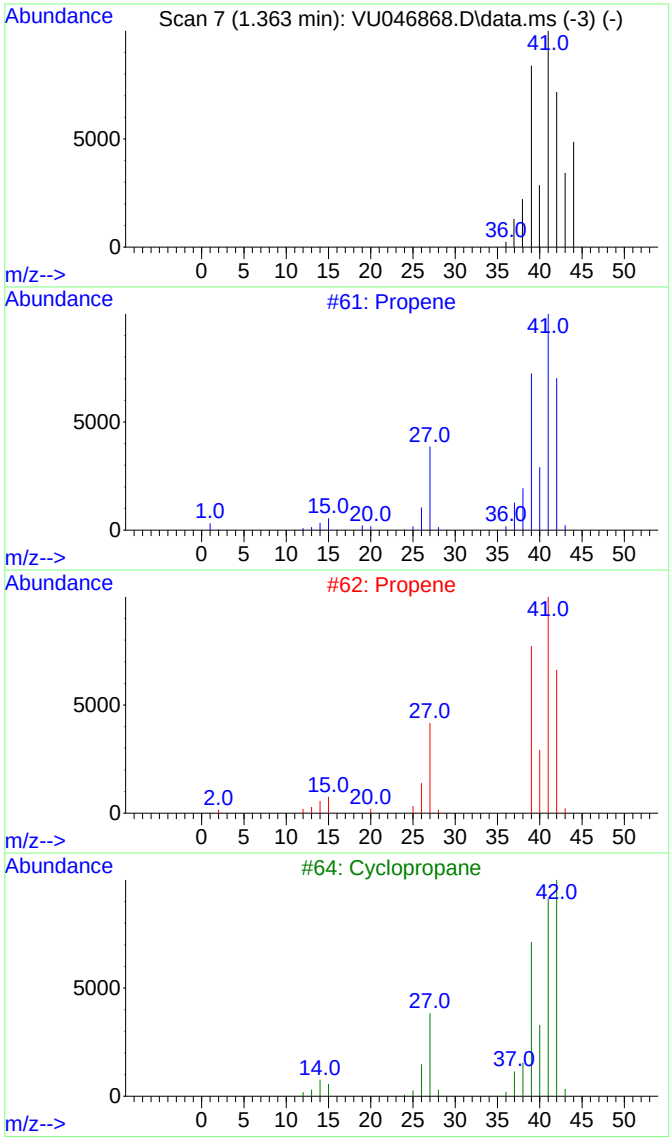
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

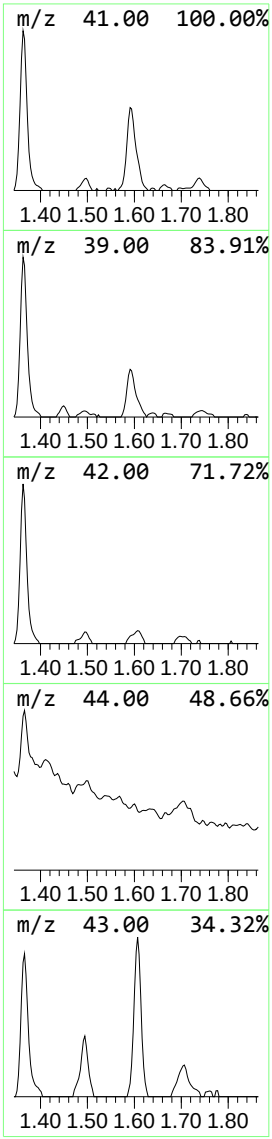
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	0.62 ug/L	30545	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	10
4	Cyclopropane	42	C3H6	000075-19-4	10
5	Cyclopropene	40	C3H4	002781-85-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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

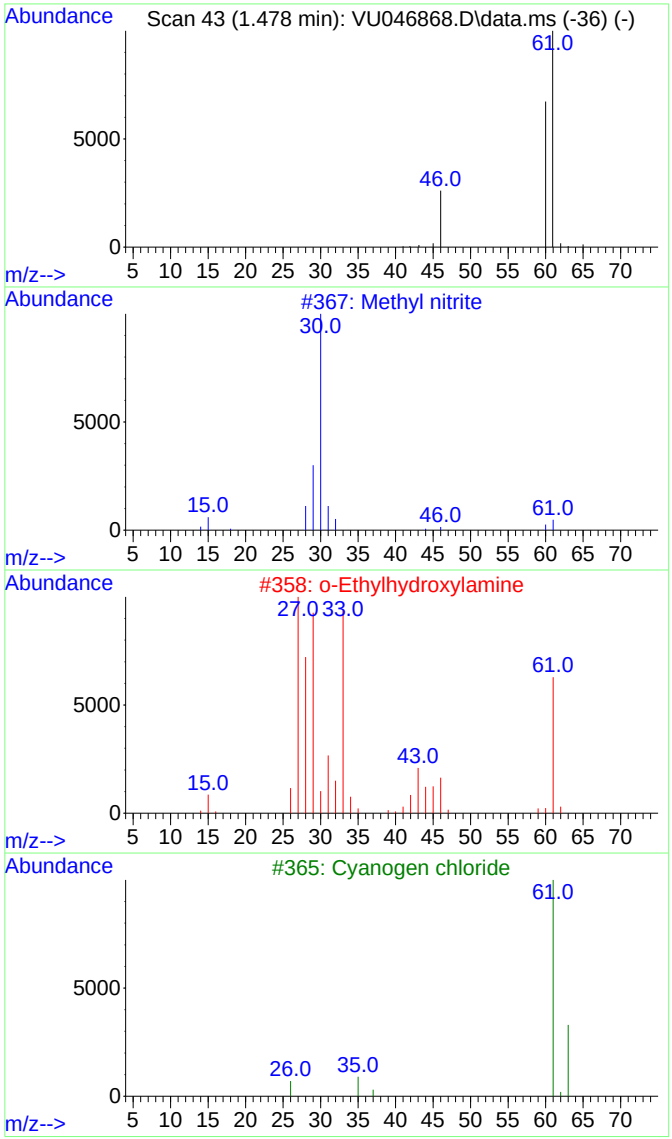
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

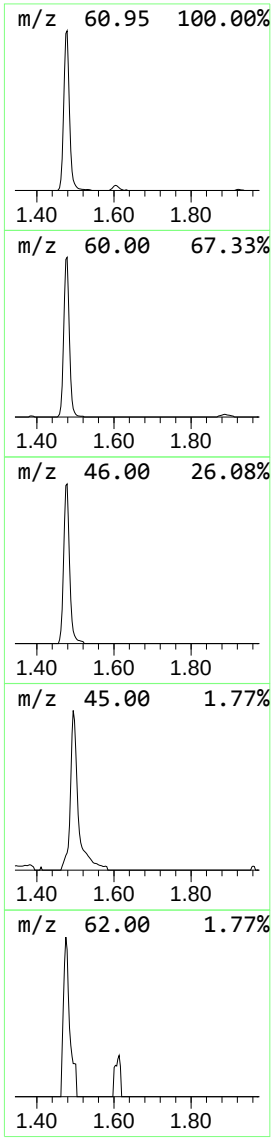
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.478	1.34 ug/L	66122	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl nitrite	61	CH3NO2	000624-91-9	5
2	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
3	Cyanogen chloride	61	CClN	000506-77-4	4
4	Cyanogen chloride	61	CClN	000506-77-4	4
5	Methyl formate	60	C2H4O2	000107-31-3	3





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

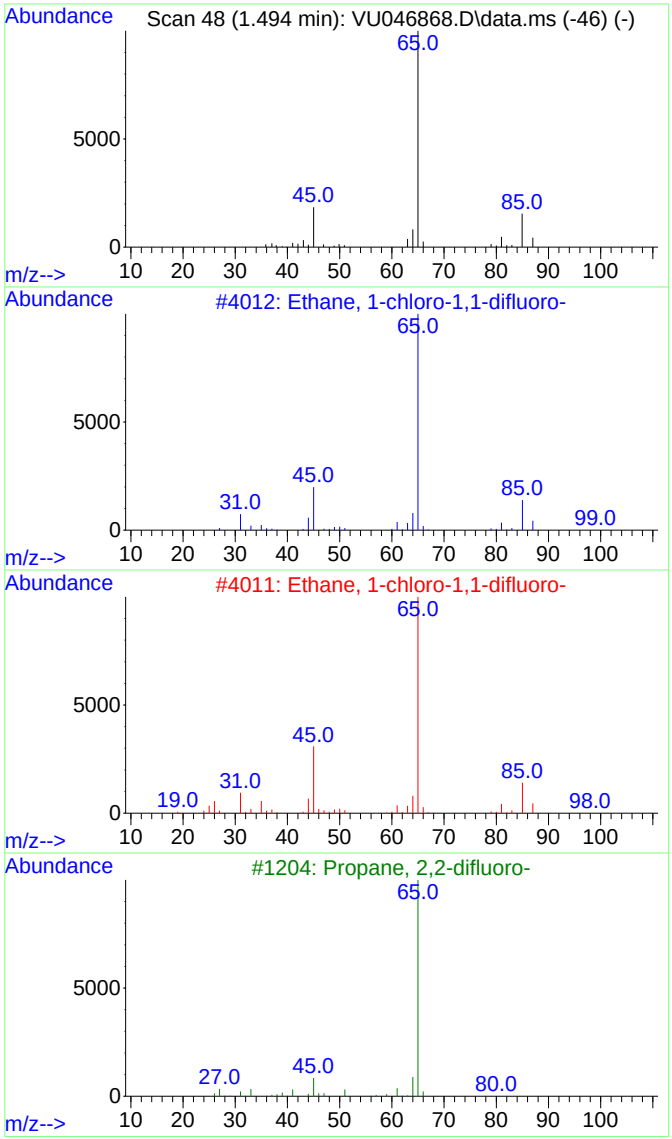
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

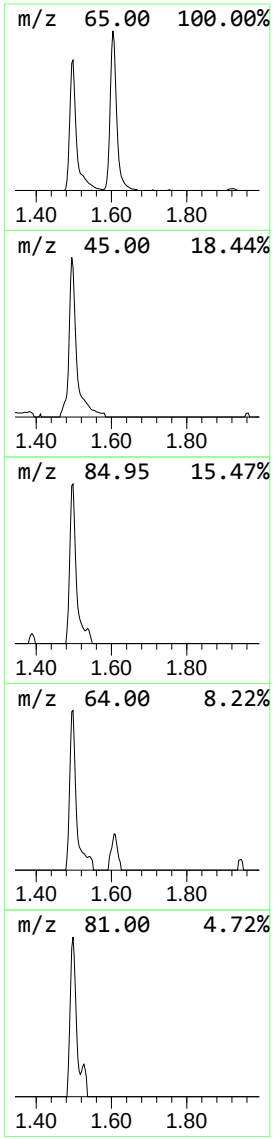
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.494	1.06 ug/L	52249	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	74
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	74
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9
4	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	2
5	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	1





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

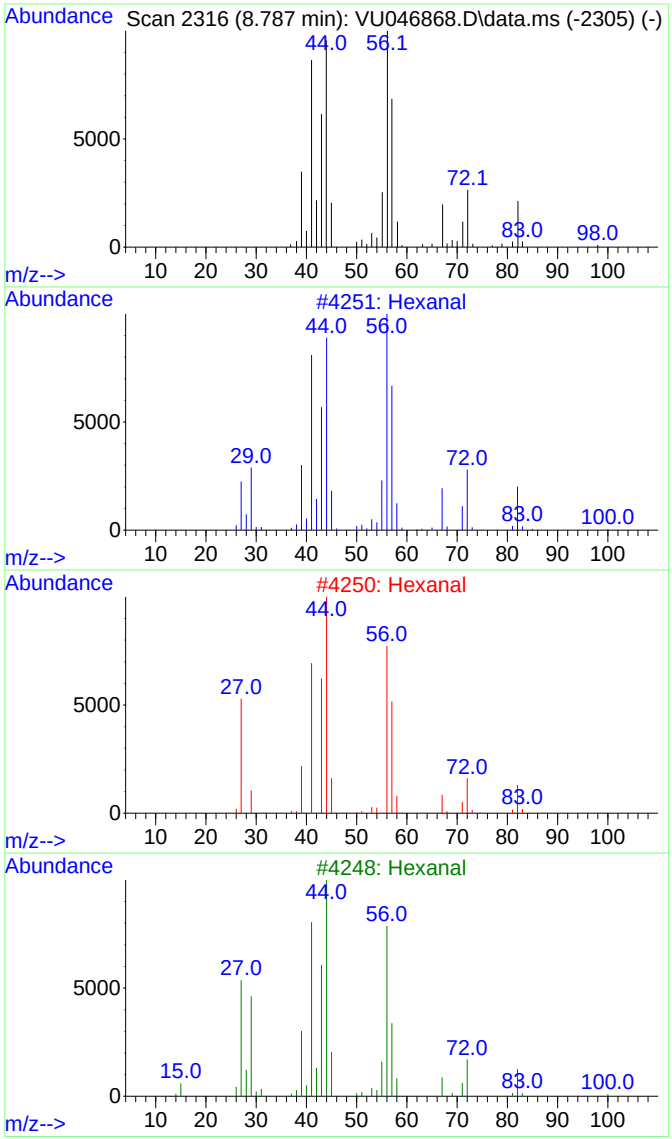
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

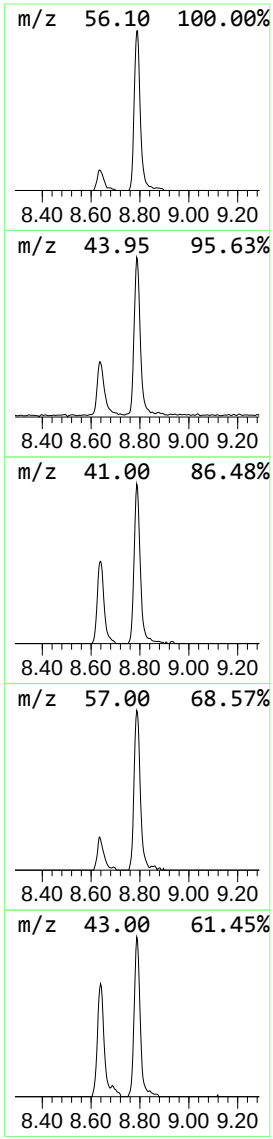
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	2.43 ug/L	162304	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	86
3	Hexanal	100	C6H12O	000066-25-1	78
4	Hexanal	100	C6H12O	000066-25-1	78
5	Hexanal	100	C6H12O	000066-25-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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

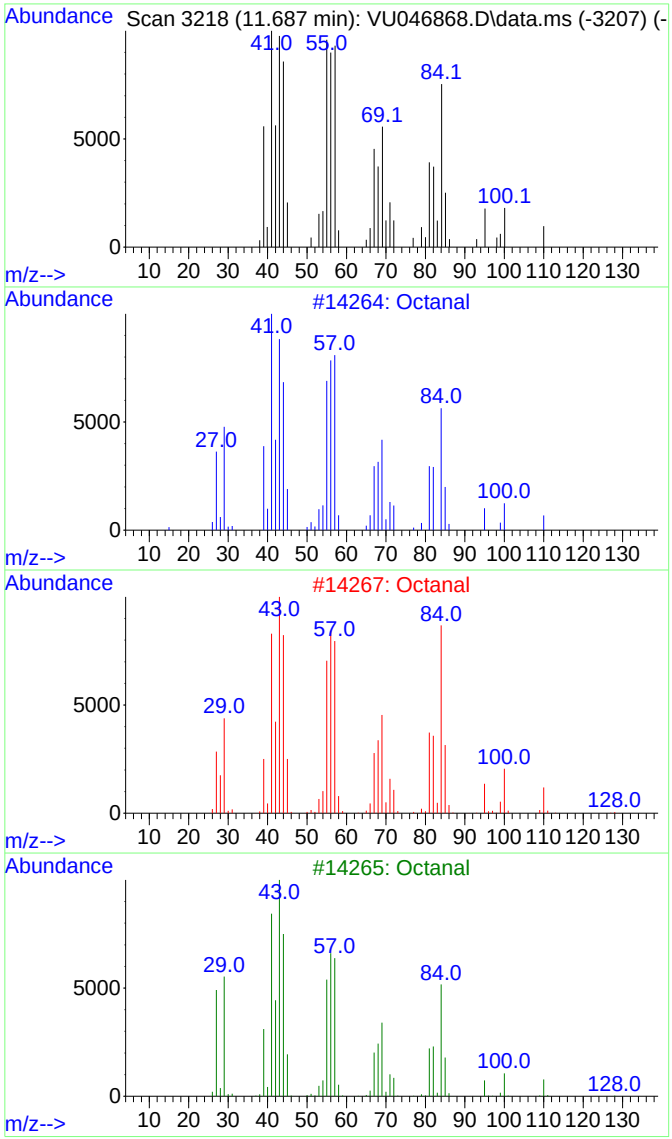
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

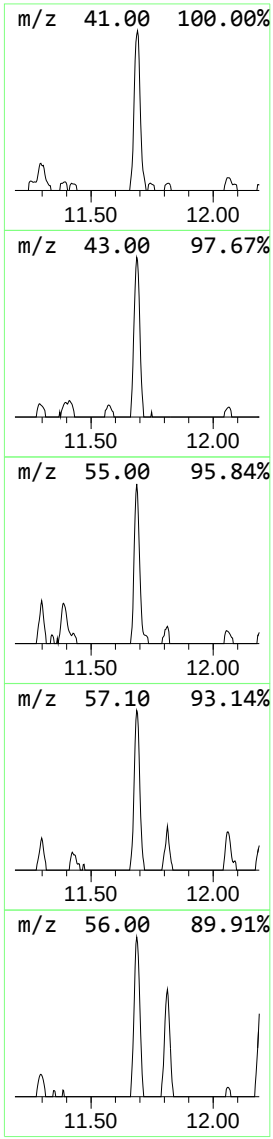
****

Peak Number 6 Octanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	0.87 ug/L	60705	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	87
2	Octanal	128	C8H16O	000124-13-0	86
3	Octanal	128	C8H16O	000124-13-0	83
4	Octanal	128	C8H16O	000124-13-0	72
5	3-Chlorohexane	120	C6H13Cl	002346-81-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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

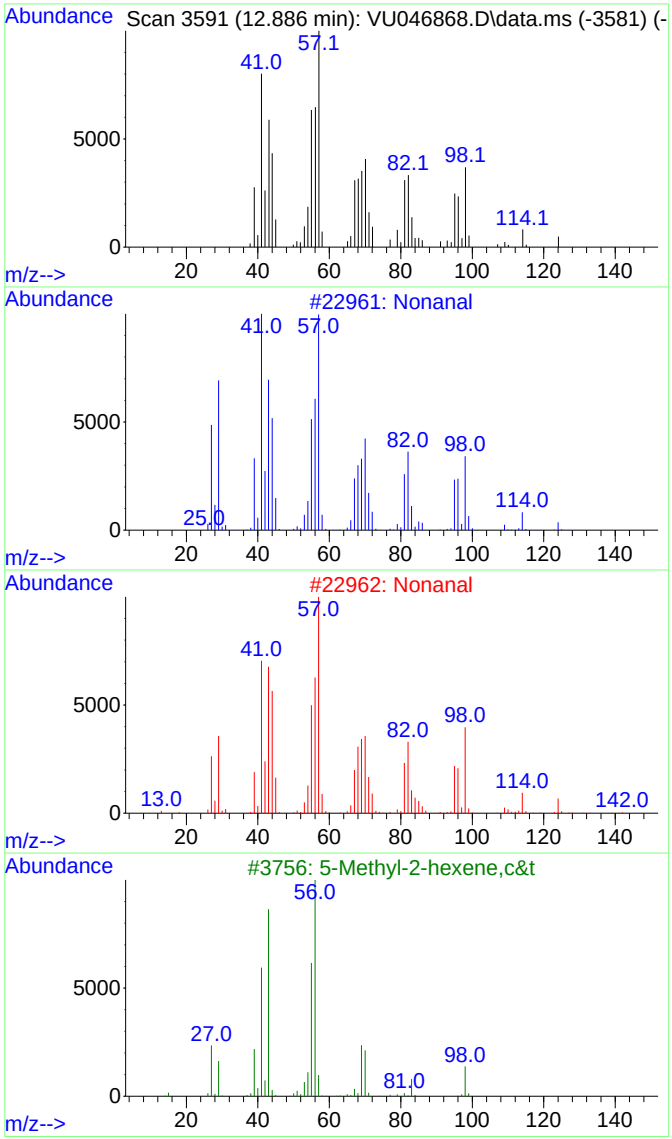
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

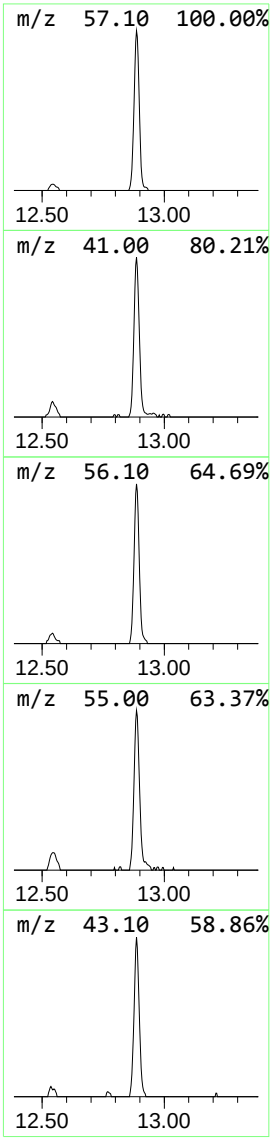
****

Peak Number 7 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	1.96 ug/L	136491	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	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25
4	Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	22
5	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
Acq On : 27 Jan 2022 14:04
Operator : SY/MD
Sample : N1260-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

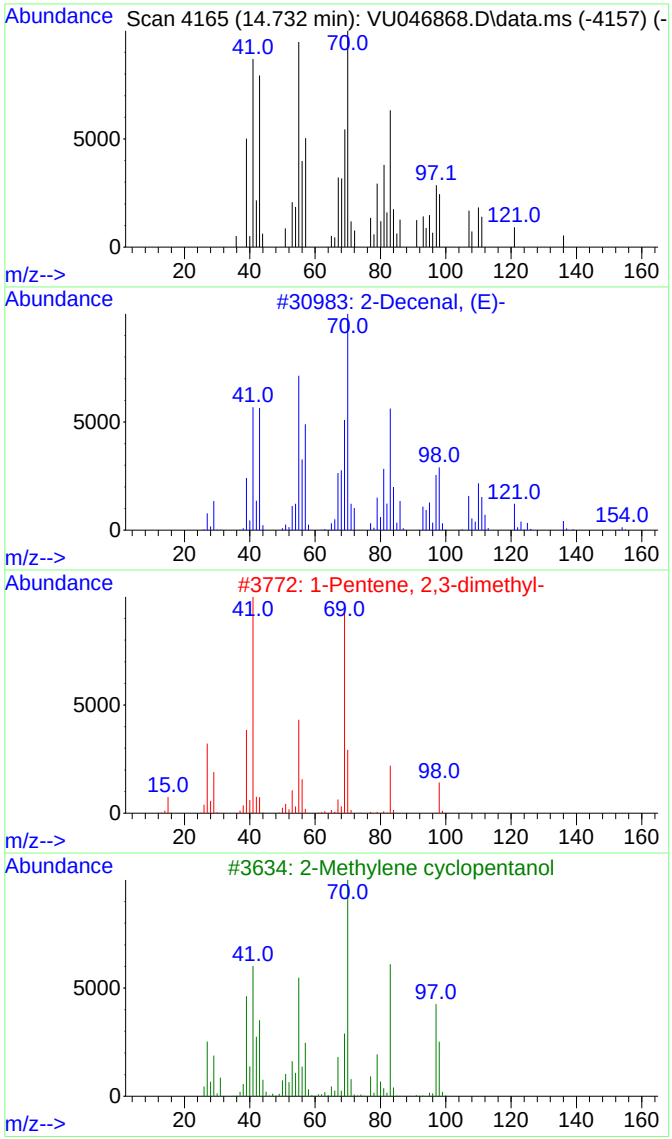
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

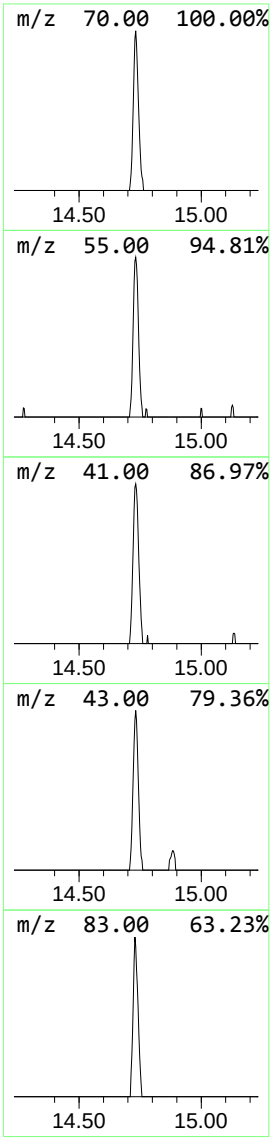
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Decenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	0.52 ug/L	36450	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	74
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	53
3	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	50
4	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	47
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046868.D
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY1

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	0.6	ug/L	30545	1	6.253	246472	5.0
unknown-01	1.478	1.3	ug/L	66122	1	6.253	246472	5.0
Ethane, 1-chlor...	1.494	1.1	ug/L	52249	1	6.253	246472	5.0
Hexanal	8.787	2.4	ug/L	162304	2	9.420	333490	5.0
Octanal	11.687	0.9	ug/L	60705	3	11.812	348465	5.0
Nonanal	12.886	2.0	ug/L	136491	3	11.812	348465	5.0
2-Decenal, (E)-	14.732	0.5	ug/L	36450	3	11.812	348465	5.0