LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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: VU046866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	36	42	54	rVB	50947	51646	3.08%	0.549%
2	1.604	72	82	105	rVB2	44460	69595	4.16%	0.740%
3	1.922	174	181	200	rVB	29838	43691	2.61%	0.465%
4	2.147	243	251	262	rVB2	15067	25726	1.54%	0.274%
5	2.581	367	386	401	rBV5	249291	478199	28.55%	5.087%
6	3.192	561	576	594	rBV2	12326	28412	1.70%	0.302%
7	3.369	613	631	664	rBV	208005	511480	30.54%	5.441%
8	3.874	771	788	822	rVB	75663	184383	11.01%	1.961%
9	4.671	1014	1036	1074	rBV2	367916	948327	56.62%	10.088%
10	5.070	1142	1160	1187	rBV3	76762	193923	11.58%	2.063%
11	5.321	1224	1238	1256	rBV2	29074	62869	3.75%	0.669%
12	5.729	1343	1365	1382	rBV2	146600	386418	23.07%	4.110%
13	6.253	1514	1528	1549	rBV	127417	242468	14.48%	2.579%
14	6.546	1604	1619	1644	rBV	906216	1674774	100.00%	17.815%
15	6.694	1650	1665	1683	rVB	93033	180726	10.79%	1.922%
16	6.886	1714	1725	1741	rBV	14525	32169	1.92%	0.342%
17	7.568	1926	1937	1956	rVB	43236	76367	4.56%	0.812%
18	7.899	2027	2040	2055	rBV	164879	292664	17.47%	3.113%
19	8.182	2118	2128	2145	rBV2	26105	46429	2.77%	0.494%
20	8.555	2230	2244	2260	rBV	633203	1076149	64.26%	11.447%
21	8.658	2260	2276	2301	rVB	237641	532297	31.78%	5.662%
22	8.800	2305	2320	2345	rBV2	185834	411912	24.60%	4.382%
23	9.420	2500	2513	2534	rBV	192120	338858	20.23%	3.604%
24	10.353	2792	2803	2822	rBV4	35922	61491	3.67%	0.654%
25	10.764	2919	2931	2944	rVB	92608	148140	8.85%	1.576%
26	11.690	3209	3219	3232	rBV	100829	157542	9.41%	1.676%
27	11.816	3245	3258	3276	rVB	243729	391149	23.36%	4.161%
28	12.195	3365	3376	3392	rVB	186743	308512	18.42%	3.282%
29	12.545	3475	3485	3497	rBV7	12440	21218	1.27%	0.226%
30	12.889	3579	3592	3610	rBV	238766	349975	20.90%	3.723%
31	14.732	4156	4165	4179	rBV2	49588	73495	4.39%	0.782%

Sum of corrected areas: 9401004

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
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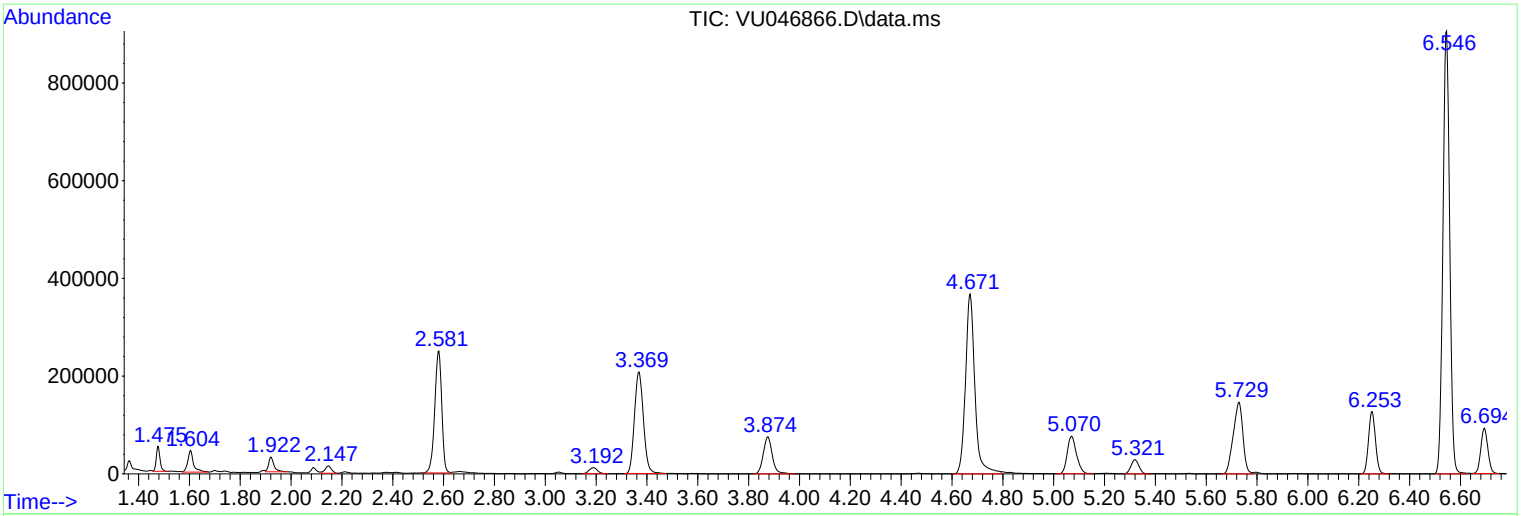
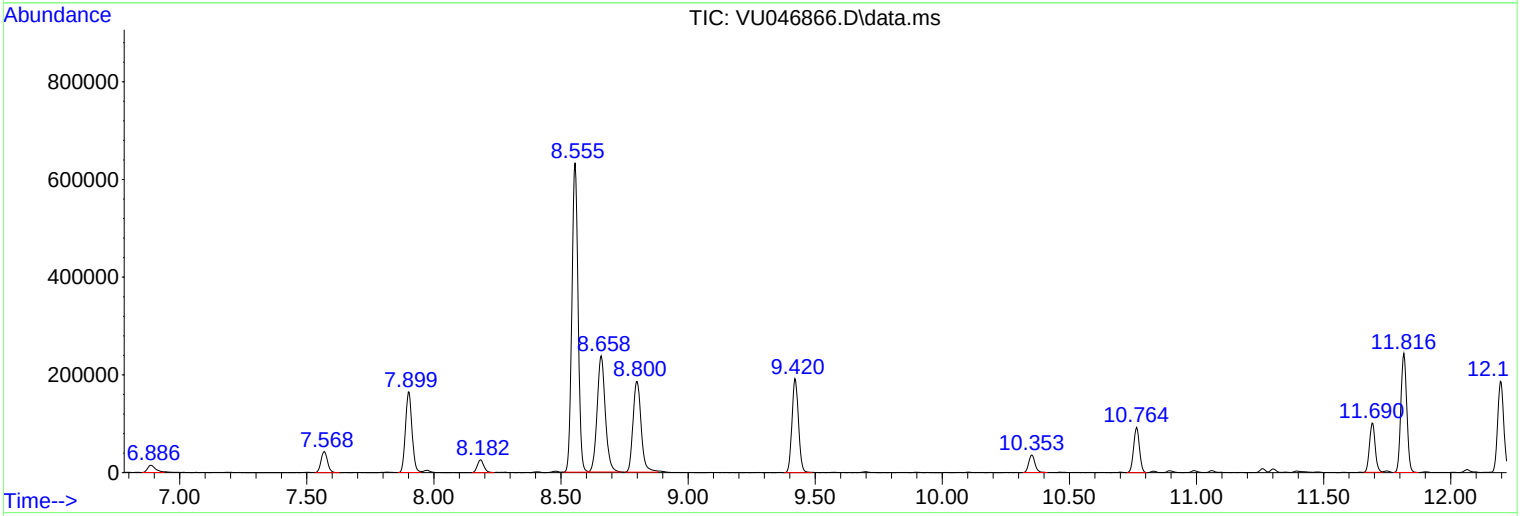
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

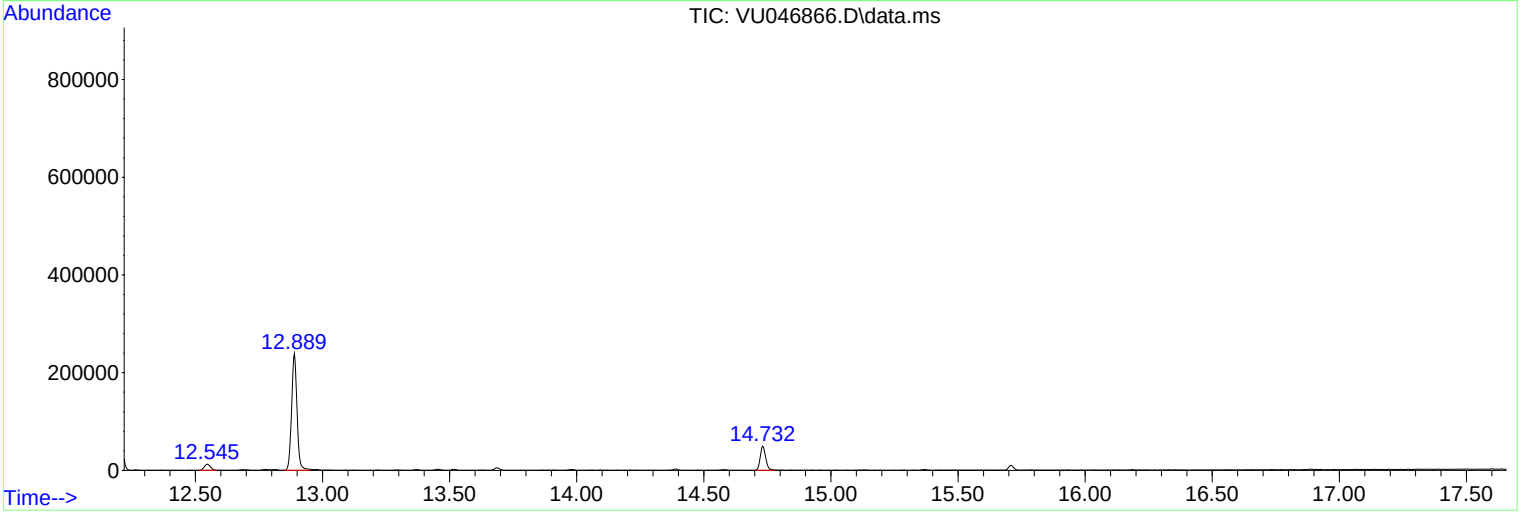
Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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 : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
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Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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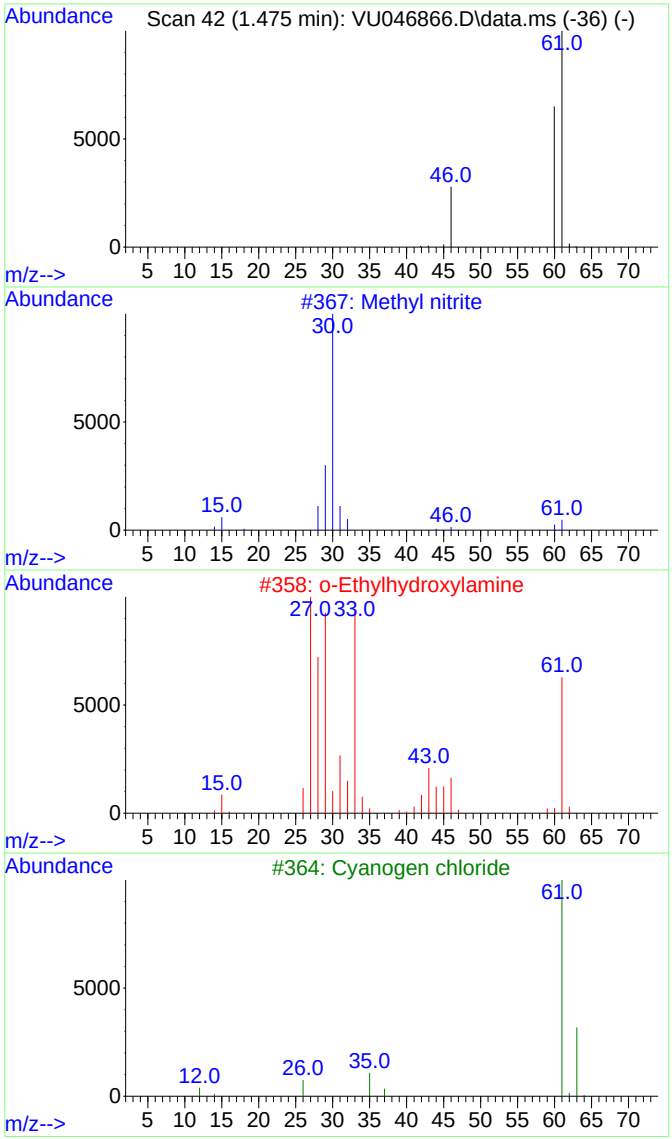
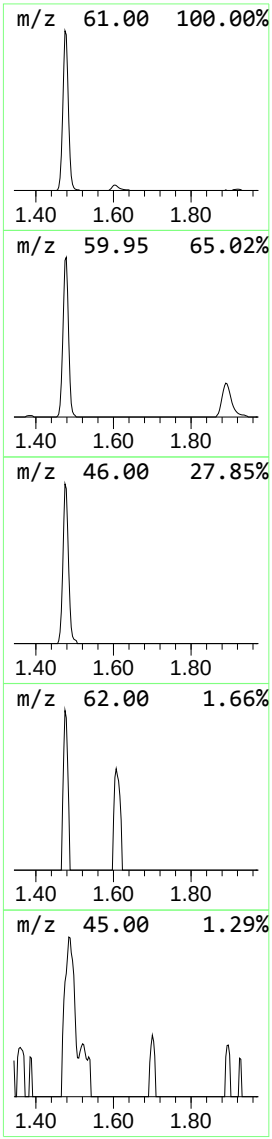
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	1.07 ug/L	51646	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 : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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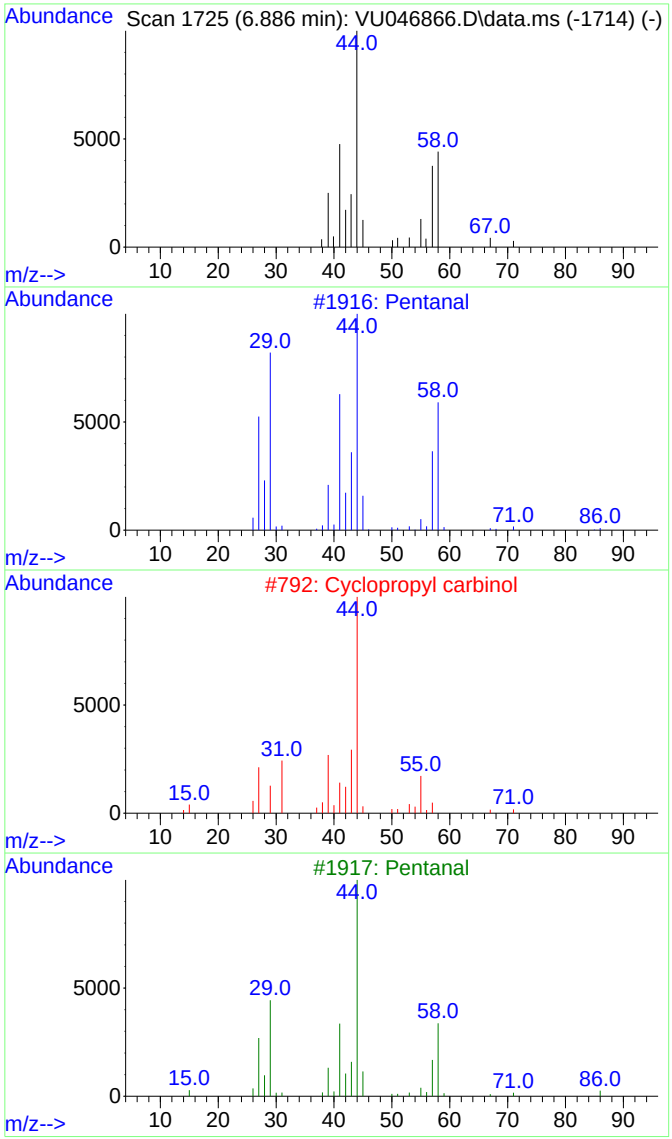
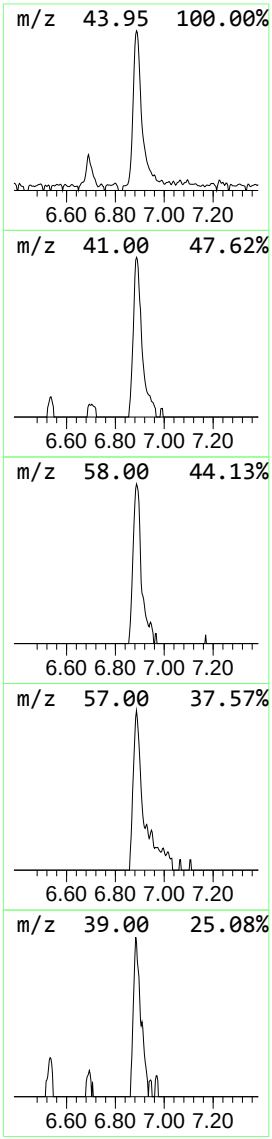
Peak Number 3 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.886	0.66 ug/L	32169	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	56
2	Cyclopropyl carbinol	72	C4H8O	002516-33-8	9
3	Pentanal	86	C5H10O	000110-62-3	9
4	Pentanal	86	C5H10O	000110-62-3	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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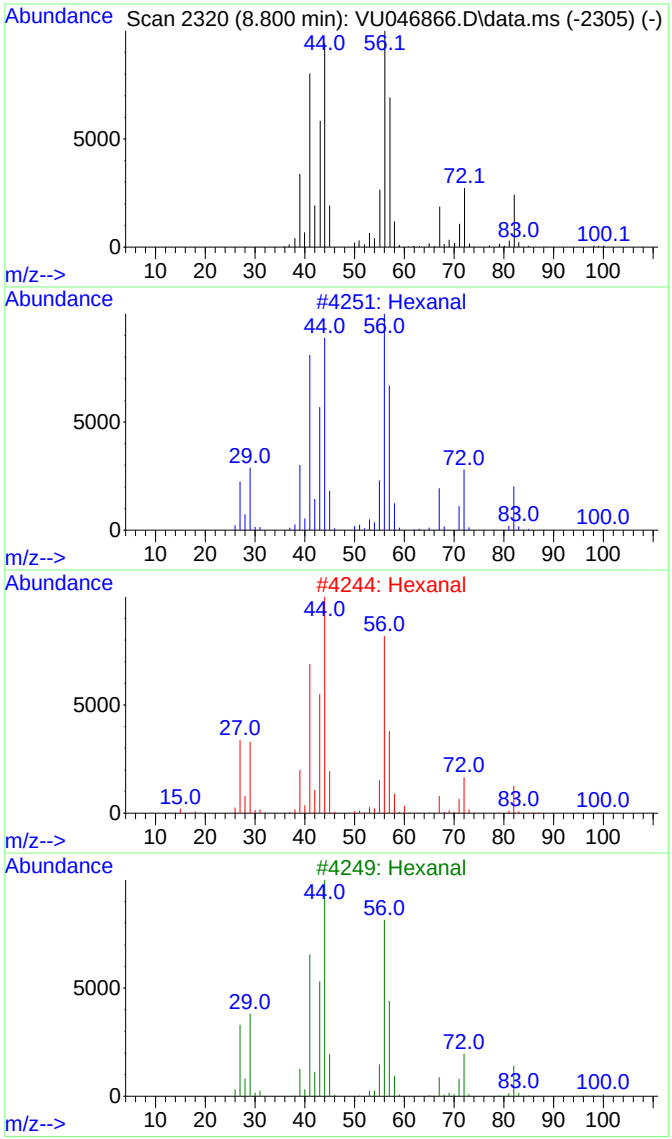
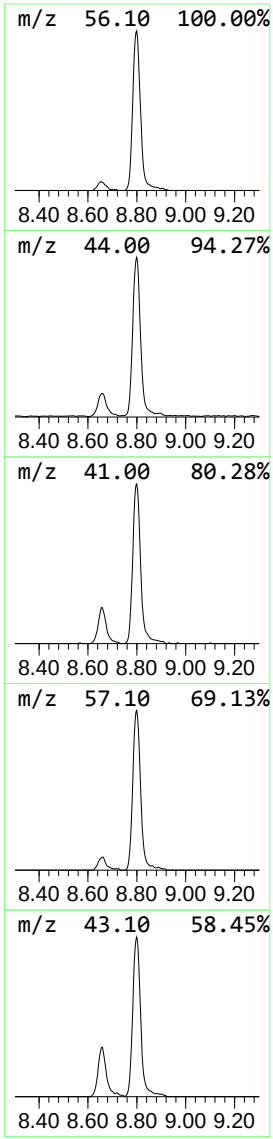
Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.800	6.08 ug/L	411912	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	97
2	Hexanal	100	C6H12O	000066-25-1	91
3	Hexanal	100	C6H12O	000066-25-1	91
4	Hexanal	100	C6H12O	000066-25-1	64
5	Hexanal	100	C6H12O	000066-25-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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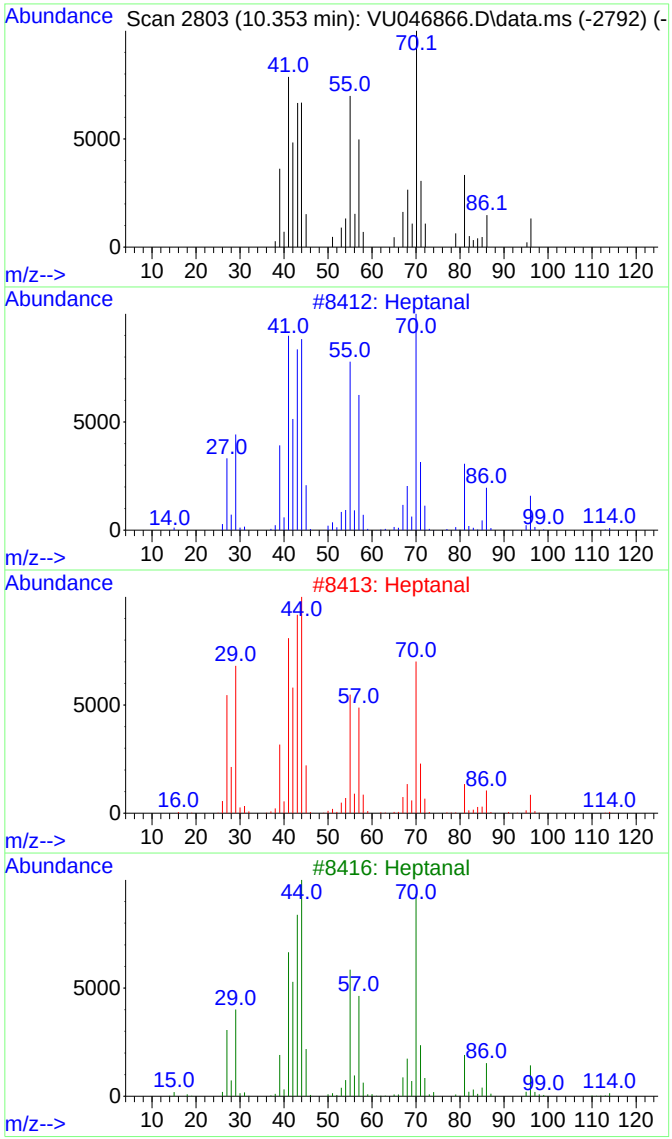
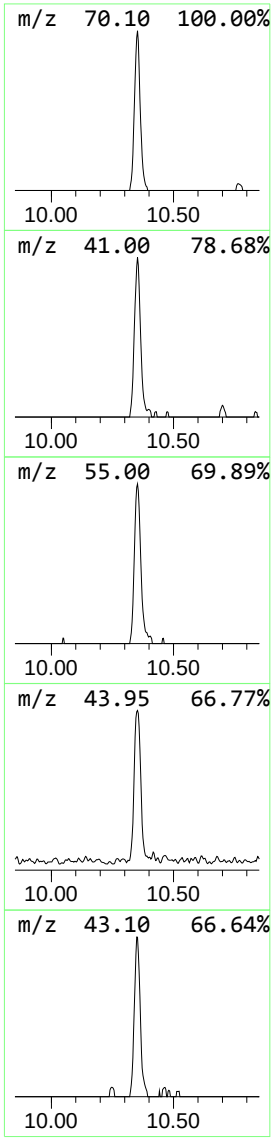
Peak Number 6 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	0.91 ug/L	61491	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	87
2	Heptanal	114	C7H14O	000111-71-7	78
3	Heptanal	114	C7H14O	000111-71-7	78
4	Heptanal	114	C7H14O	000111-71-7	78
5	Heptanal	114	C7H14O	000111-71-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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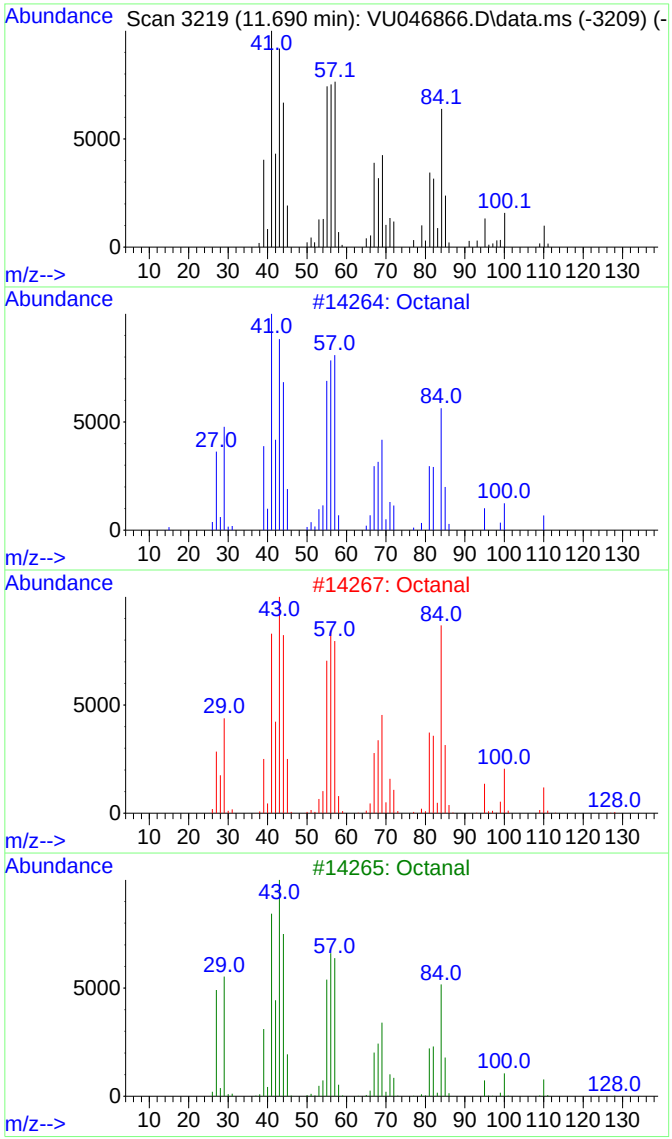
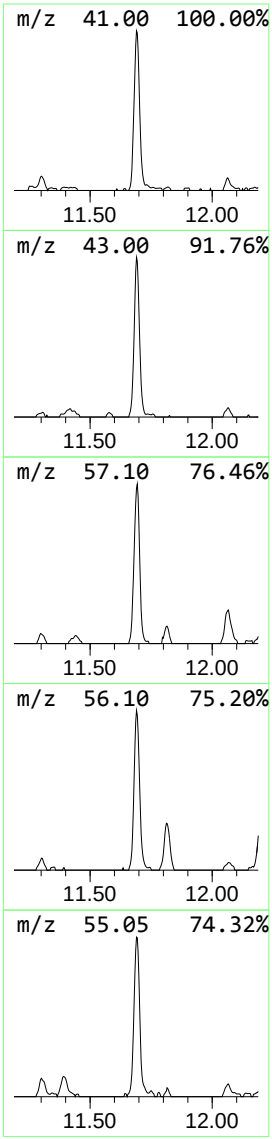
Peak Number 7 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.690	2.01 ug/L	157542	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	90
3	Octanal	128	C8H16O	000124-13-0	86
4	Octanal	128	C8H16O	000124-13-0	80
5	Octanal	128	C8H16O	000124-13-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

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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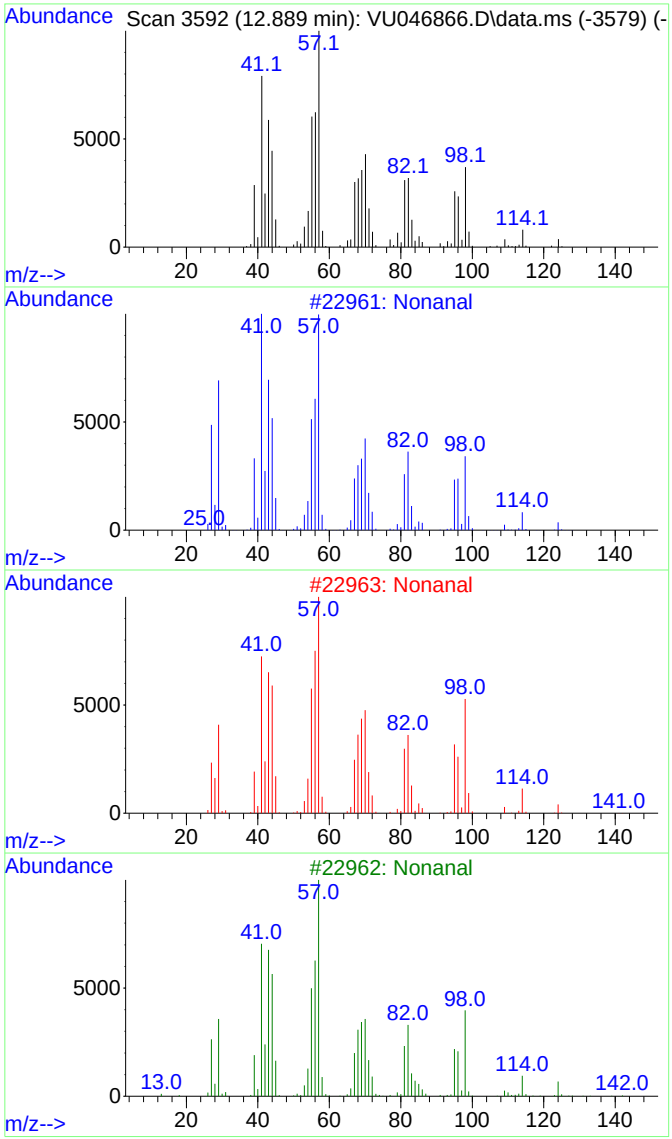
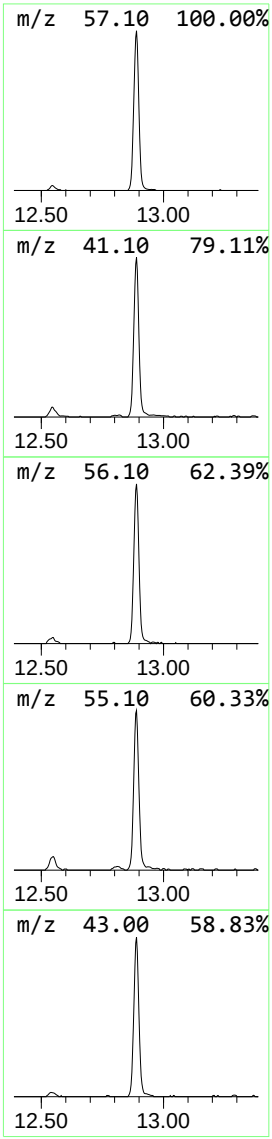
Peak Number 8 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	4.47 ug/L	349975	1,4-Dichlorobenzene-d4	11.816

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	72
4	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30
5	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
Acq On : 27 Jan 2022 13:15
Operator : SY/MD
Sample : N1260-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXY2

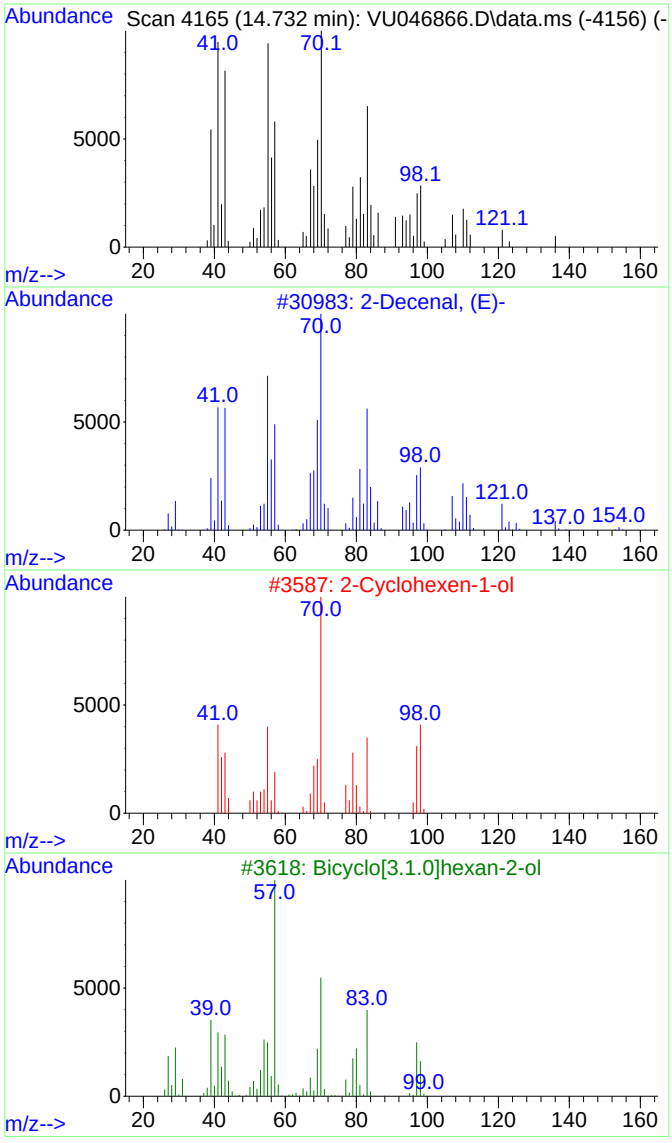
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
Quant Title : TRACE VOA SFAM1.0

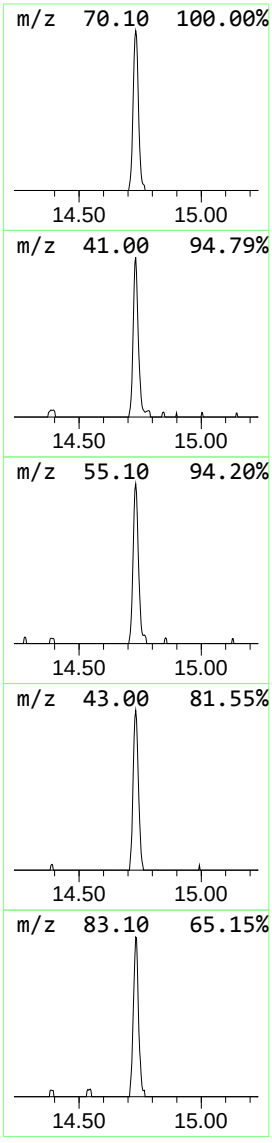
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Decenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	0.94 ug/L	73495	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	83
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
3	Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	49
4	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	46
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
Data File : VU046866.D
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ALS Vial : 10 Sample Multiplier: 1

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.475	1.1	ug/L	51646	1	6.253	242468	5.0
Pentanal	6.886	0.7	ug/L	32169	1	6.253	242468	5.0
Hexanal	8.800	6.1	ug/L	411912	2	9.420	338858	5.0
Heptanal	10.352	0.9	ug/L	61491	2	9.420	338858	5.0
Octanal	11.690	2.0	ug/L	157542	3	11.816	391149	5.0
Nonanal	12.889	4.5	ug/L	349975	3	11.816	391149	5.0
2-Decenal, (E)-	14.732	0.9	ug/L	73495	3	11.816	391149	5.0