LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024573.D
Acq On : 10 Feb 2022 17:16
Operator : SY/MD
Sample : N1476-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

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_V\Method\SFAMVTR020922WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV024573.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	73	82	89	rBV2	86845	105363	2.36%	1.066%
2	1.568	156	164	175	rVB	67645	77443	1.73%	0.784%
3	2.108	321	332	345	rBV2	155045	234302	5.25%	2.371%
4	3.908	879	892	939	rBV	33695	149914	3.36%	1.517%
5	4.352	1013	1030	1063	rBV2	89196	257744	5.77%	2.608%
6	5.047	1231	1246	1281	rBV2	196359	495047	11.09%	5.009%
7	5.619	1411	1424	1458	rBV	149803	308091	6.90%	3.118%
8	6.069	1551	1564	1588	rBV	110804	230428	5.16%	2.332%
9	6.989	1838	1850	1868	rBV	60208	112213	2.51%	1.135%
10	7.317	1941	1952	1970	rBV	249459	432044	9.68%	4.372%
11	7.625	2038	2048	2068	rBV	34112	62675	1.40%	0.634%
12	7.973	2135	2156	2183	rBV	2704390	4465444	100.00%	45.186%
13	8.088	2183	2192	2228	rVV	219441	433304	9.70%	4.385%
14	8.236	2229	2238	2263	rVV	207137	350354	7.85%	3.545%
15	8.850	2418	2429	2449	rBV	248096	397985	8.91%	4.027%
16	9.809	2716	2727	2742	rBV2	45512	74887	1.68%	0.758%
17	10.214	2843	2853	2870	rVB	66461	106525	2.39%	1.078%
18	10.719	3000	3010	3019	rBV	49668	74754	1.67%	0.756%
19	11.146	3131	3143	3164	rBV	138955	209972	4.70%	2.125%
20	11.249	3164	3175	3191	rVB	273549	424556	9.51%	4.296%
21	11.622	3281	3291	3309	rVB	218960	342985	7.68%	3.471%
22	12.342	3499	3515	3534	rBV	264357	389984	8.73%	3.946%
23	14.175	4070	4085	4119	rBV	85601	146415	3.28%	1.482%

Sum of corrected areas: 9882429

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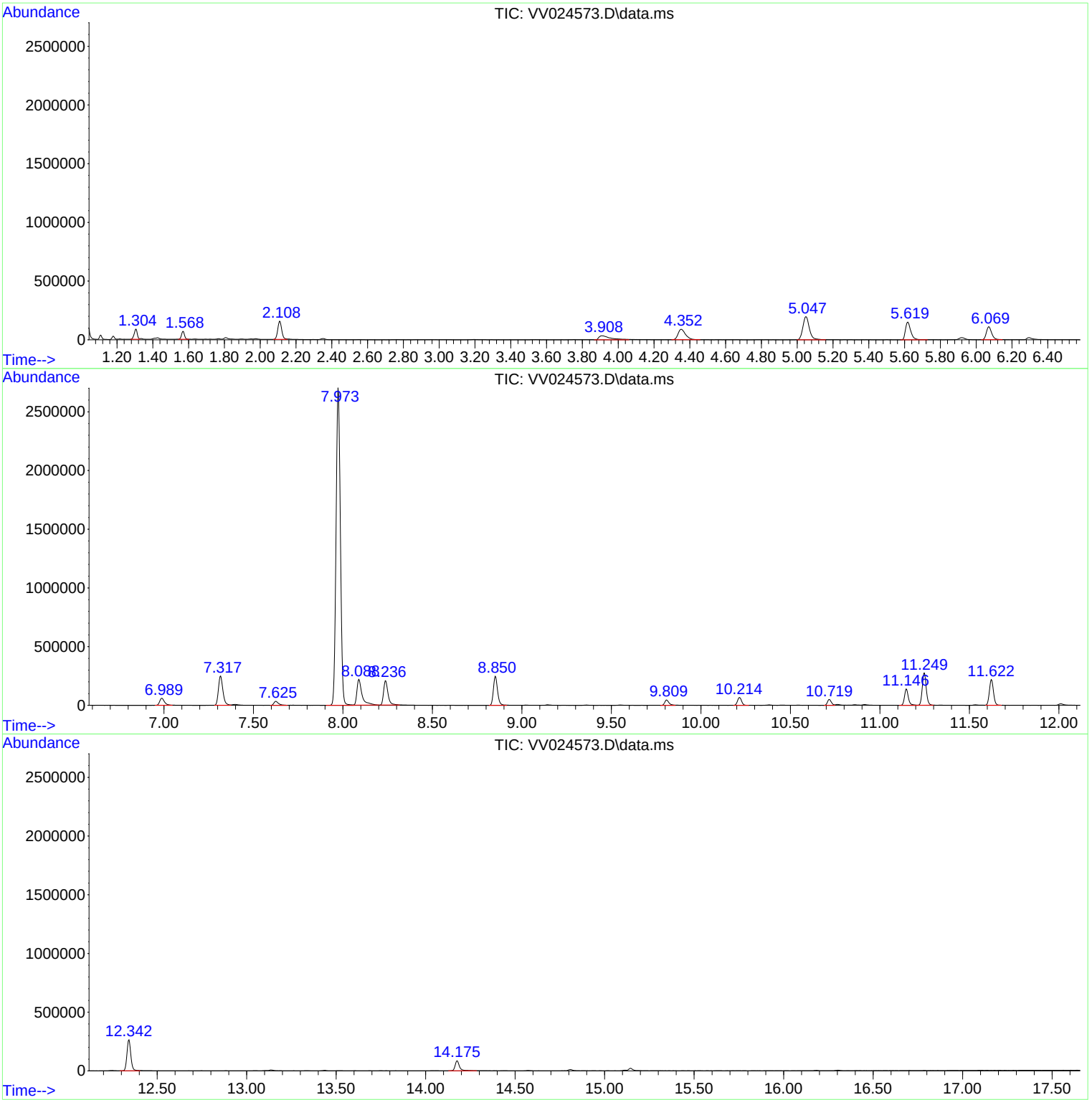
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Data File : VV024573.D
Acq On : 10 Feb 2022 17:16
Operator : SY/MD
Sample : N1476-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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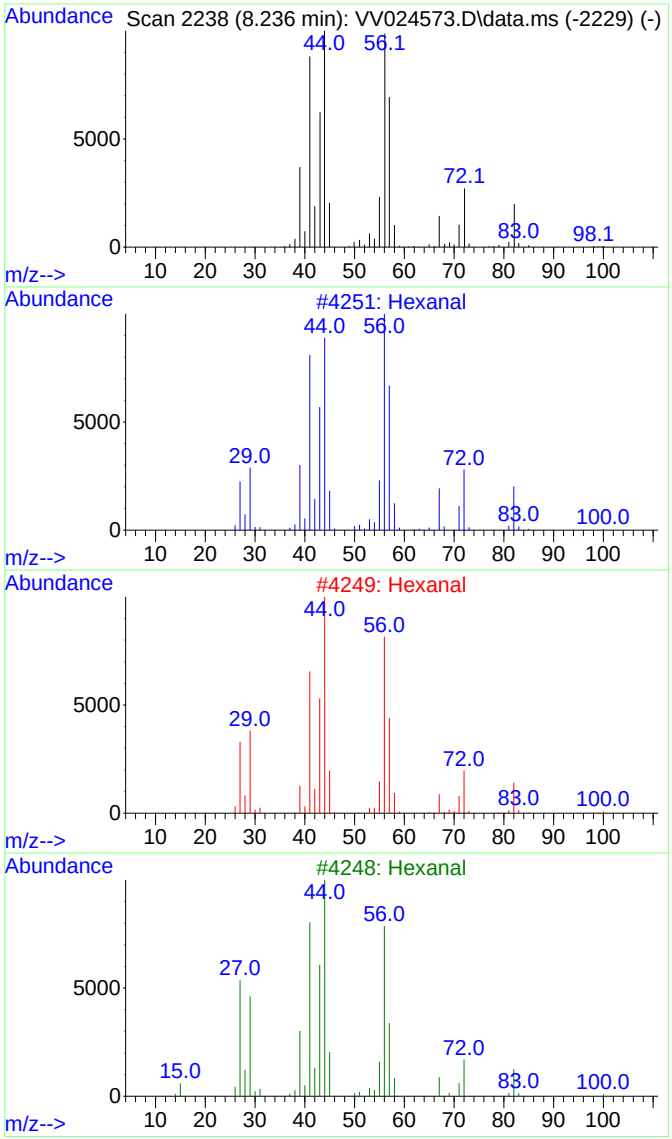
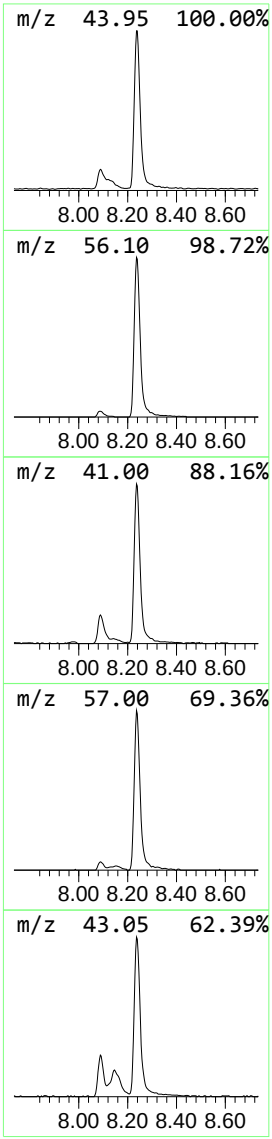
Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	4.40 ug/L	350354	Chlorobenzene-d5	8.850

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	87
4	Hexanal	100	C6H12O	000066-25-1	83
5	Hexanal	100	C6H12O	000066-25-1	80





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Data File : VV024573.D
Acq On : 10 Feb 2022 17:16
Operator : SY/MD
Sample : N1476-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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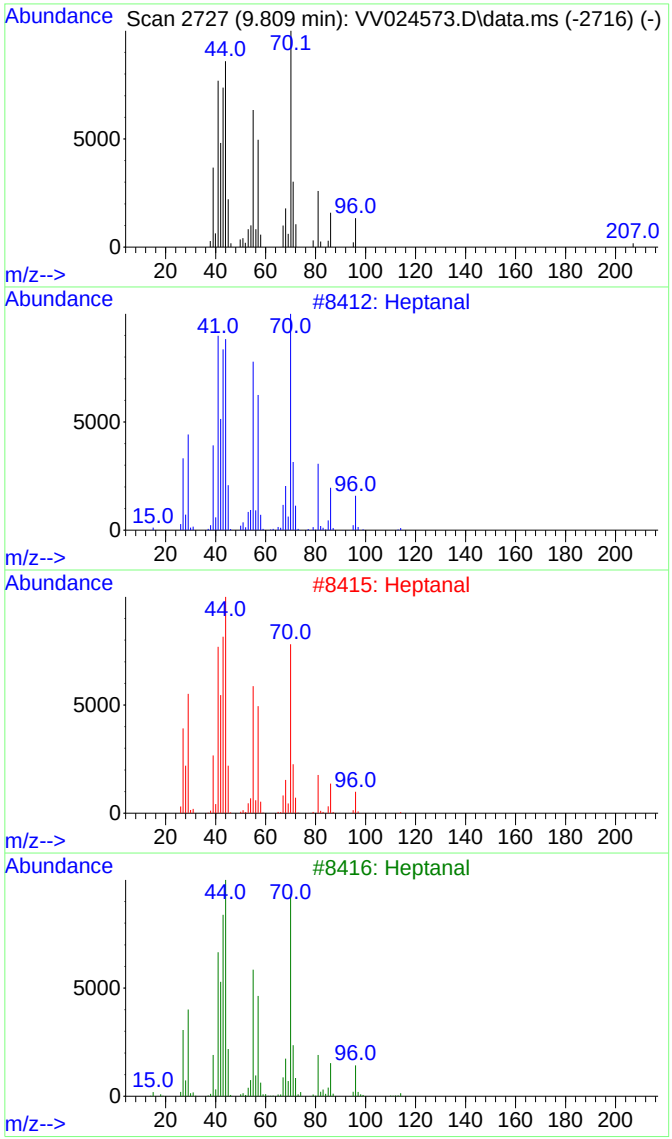
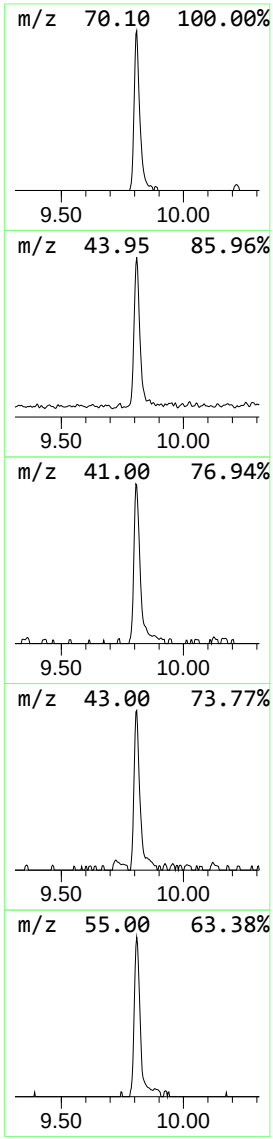
Peak Number 3 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	0.94 ug/L	74887	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	86
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	83





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Data File : VV024573.D
Acq On : 10 Feb 2022 17:16
Operator : SY/MD
Sample : N1476-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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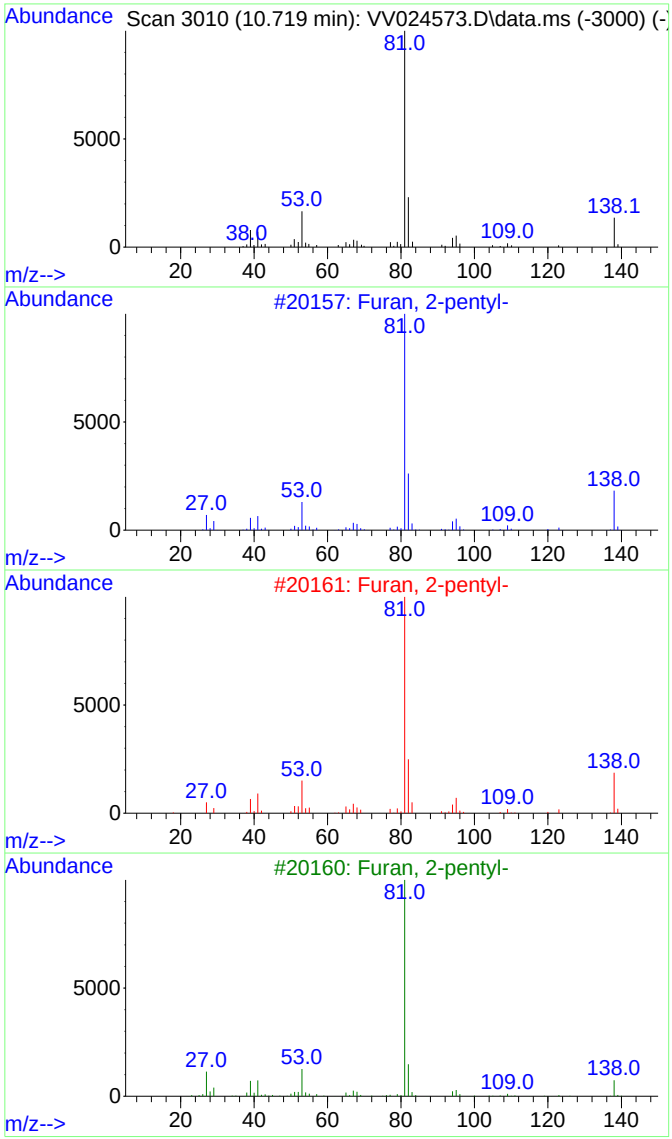
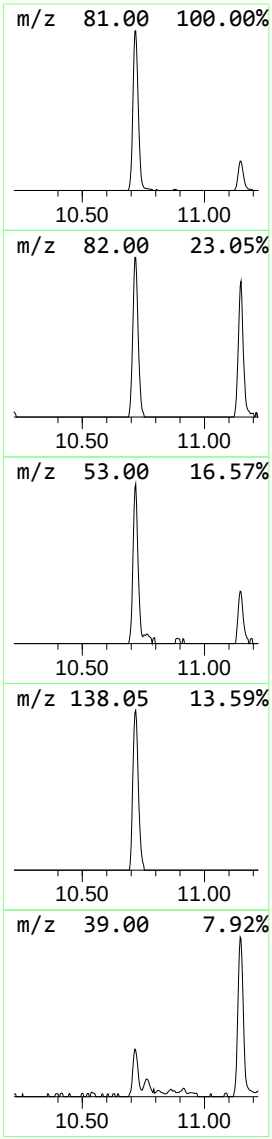
Peak Number 4 Furan, 2-pentyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	0.88 ug/L	74754	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
2	Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
3	Furan, 2-pentyl-	138	C9H14O	003777-69-3	87
4	Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	39
5	Furan, 2-pentyl-	138	C9H14O	003777-69-3	35





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Operator : SY/MD
Sample : N1476-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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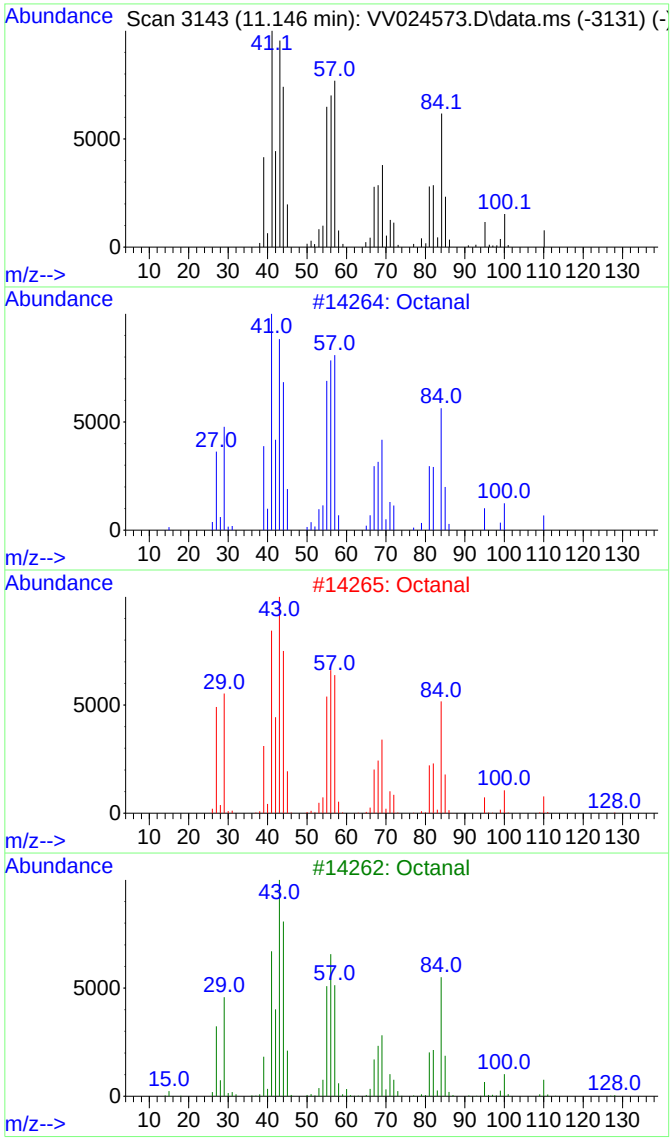
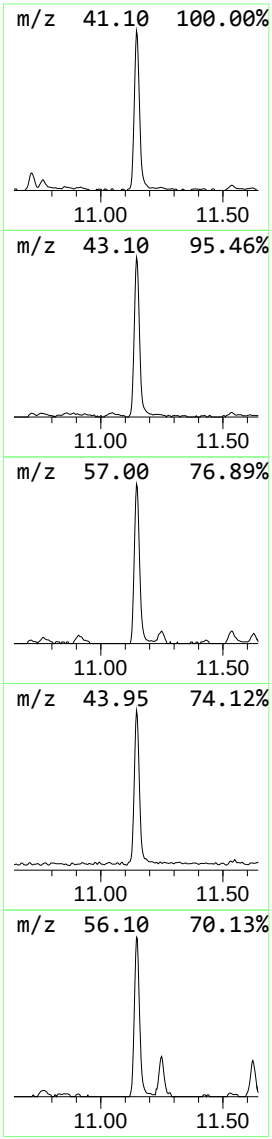
Peak Number 5 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	2.47 ug/L	209972	1,4-Dichlorobenzene-d4	11.249

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	90
4	Octanal	128	C8H16O	000124-13-0	87
5	Octanal	128	C8H16O	000124-13-0	86





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Operator : SY/MD
Sample : N1476-03
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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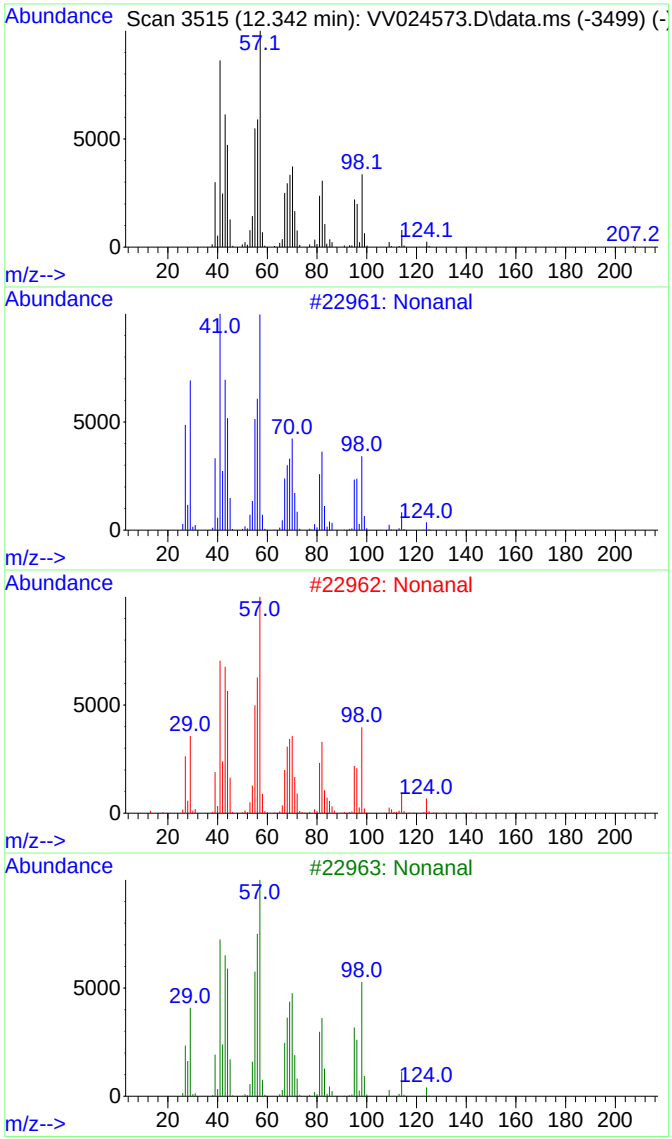
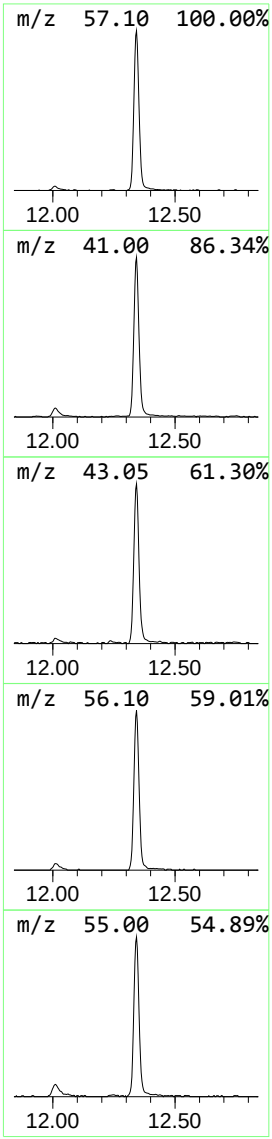
Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	4.59 ug/L	389984	1,4-Dichlorobenzene-d4	11.249

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	90
4	Nonanal	142	C9H18O	000124-19-6	90
5	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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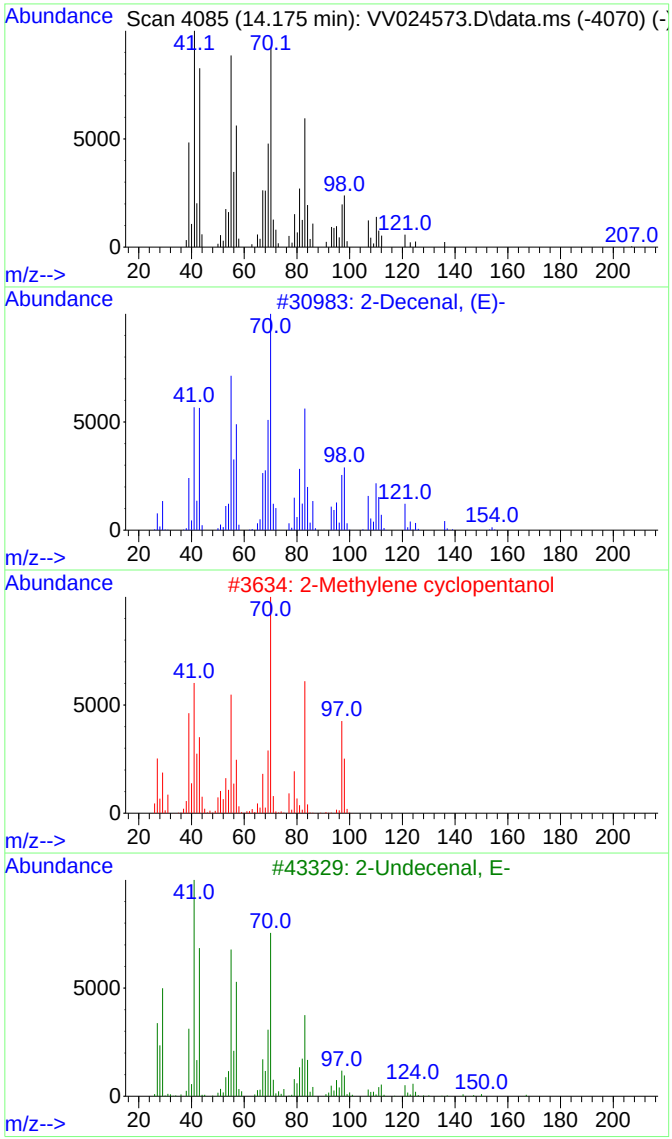
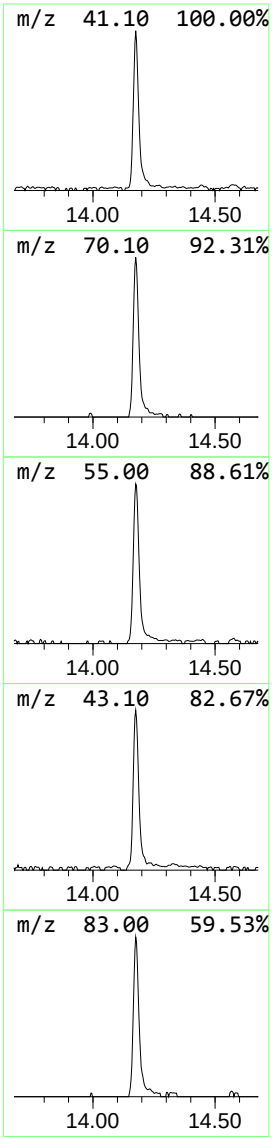
Peak Number 7 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	1.72 ug/L	146415	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	60
3	2-Undecenal, E-	168	C11H20O	053448-07-0	53
4	2-Decenal, (E)-	154	C10H18O	003913-81-3	52
5	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38





Tentatively Identified Compound (LSC) summary

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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
Hexanal	8.236	4.4	ug/L	350354	2	8.850	397985	5.0
Heptanal	9.809	0.9	ug/L	74887	2	8.850	397985	5.0
Furan, 2-pentyl-	10.719	0.9	ug/L	74754	3	11.249	424556	5.0
Octanal	11.146	2.5	ug/L	209972	3	11.249	424556	5.0
Nonanal	12.342	4.6	ug/L	389984	3	11.249	424556	5.0
2-Decenal, (E)-	14.175	1.7	ug/L	146415	3	11.249	424556	5.0