LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024596.D
Acq On : 11 Feb 2022 11:48
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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: VV024596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	16	21	29	rVB	10035	9434	2.07%	0.186%
2	1.179	38	43	49	rBV	5988	5453	1.20%	0.108%
3	1.217	50	55	61	rBV2	5981	5821	1.28%	0.115%
4	1.307	74	83	94	rVB	69006	72537	15.90%	1.431%
5	1.391	101	109	118	rBV	12858	21516	4.72%	0.424%
6	1.568	156	164	178	rVB	59586	69911	15.32%	1.379%
7	1.809	233	239	247	rVB2	4350	5573	1.22%	0.110%
8	2.108	321	332	350	rVB2	132099	208959	45.80%	4.123%
9	3.198	658	671	682	rBV4	2310	5240	1.15%	0.103%
10	3.716	823	832	848	rBV3	7173	18713	4.10%	0.369%
11	3.905	880	891	930	rBV	33473	138447	30.35%	2.731%
12	4.352	1014	1030	1059	rBV3	84685	253792	55.63%	5.007%
13	5.050	1230	1247	1278	rBV2	179719	456195	100.00%	9.000%
14	5.616	1412	1423	1456	rBV	142220	290097	63.59%	5.723%
15	5.918	1502	1517	1537	rVB8	12471	28707	6.29%	0.566%
16	6.069	1551	1564	1588	rBV	102464	215391	47.21%	4.249%
17	6.288	1624	1632	1653	rBV2	22872	48920	10.72%	0.965%
18	6.989	1838	1850	1875	rBV	54418	101755	22.31%	2.008%
19	7.317	1940	1952	1971	rBV	228111	397746	87.19%	7.847%
20	7.404	1972	1979	1988	rVB3	3352	6142	1.35%	0.121%
21	7.625	2039	2048	2061	rBV2	29620	53523	11.73%	1.056%
22	7.715	2071	2076	2084	rVB7	3839	5568	1.22%	0.110%
23	7.976	2146	2157	2173	rVB	56664	97566	21.39%	1.925%
24	8.088	2182	2192	2228	rBV	204318	420670	92.21%	8.299%
25	8.239	2228	2239	2272	rVB	142694	247609	54.28%	4.885%
26	8.850	2418	2429	2449	rBV	231919	378481	82.96%	7.467%
27	9.809	2717	2727	2753	rBV2	58108	96001	21.04%	1.894%
28	10.214	2841	2853	2868	rBV	63645	100637	22.06%	1.985%
29	10.718	3000	3010	3016	rBV2	7155	10503	2.30%	0.207%
30	10.760	3017	3023	3036	rVB5	5150	8945	1.96%	0.176%
31	11.149	3133	3144	3164	rBV2	74041	120321	26.37%	2.374%
32	11.246	3164	3174	3196	rVB	266065	407816	89.40%	8.046%
33	11.622	3281	3291	3308	rBV	202143	317962	69.70%	6.273%
34	12.011	3404	3412	3422	rBV4	6320	11571	2.54%	0.228%
35	12.342	3504	3515	3537	rBV	217674	324597	71.15%	6.404%
36	13.136	3754	3762	3777	rVB5	3877	7168	1.57%	0.141%

LSC Area Percent Report

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Acq On : 11 Feb 2022 11:48
Operator : SY/MD
Sample : N1476-05
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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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

37	13.747	3945	3952	3960	rBV4	4489	6041	1.32%	0.119%
38	14.175	4075	4085	4104	rBV2	38613	64191	14.07%	1.266%
39	14.808	4274	4282	4293	rBV	6785	10872	2.38%	0.214%
40	15.146	4378	4387	4398	rBV3	11951	18259	4.00%	0.360%

Sum of corrected areas: 5068650

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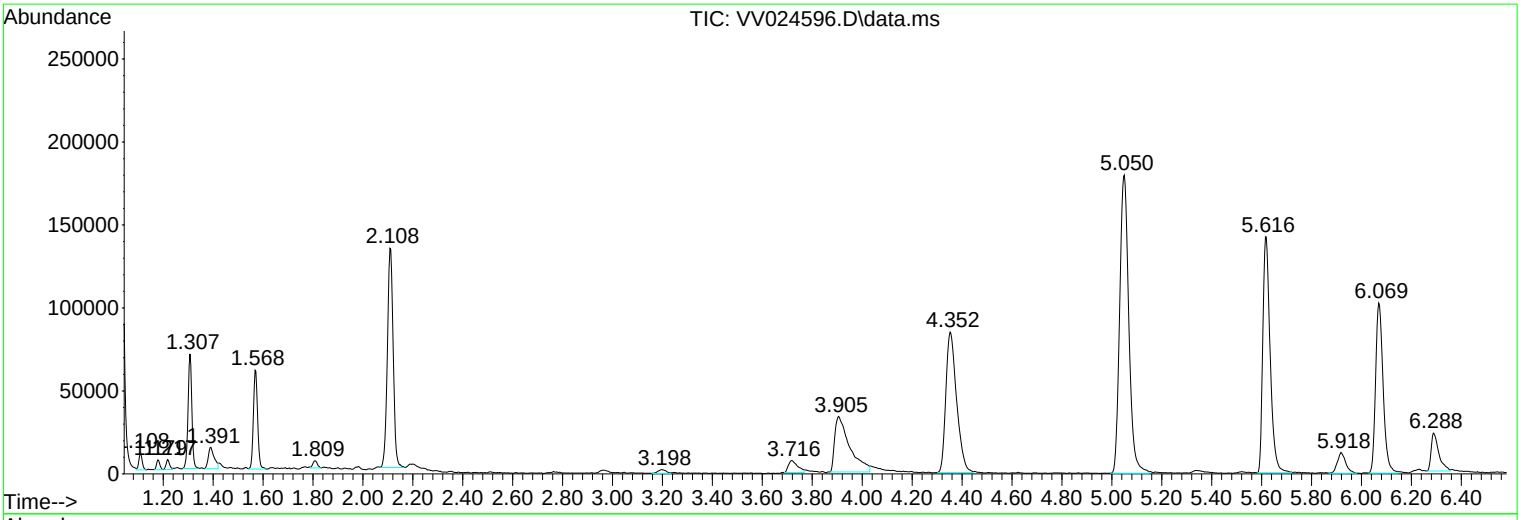
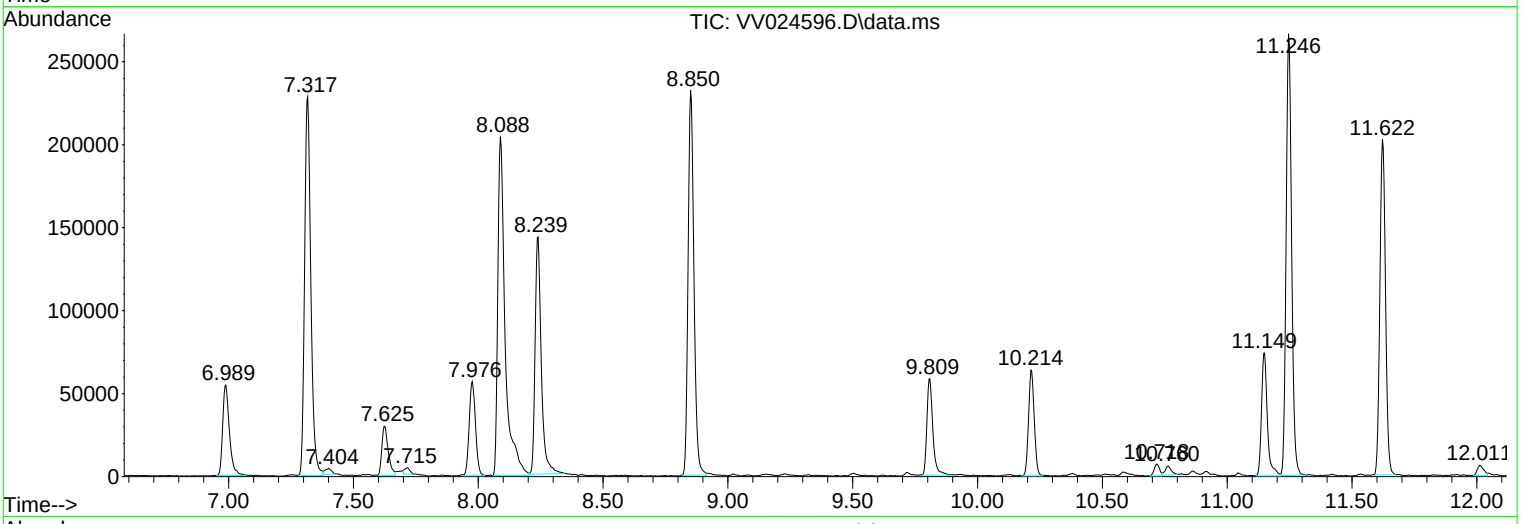
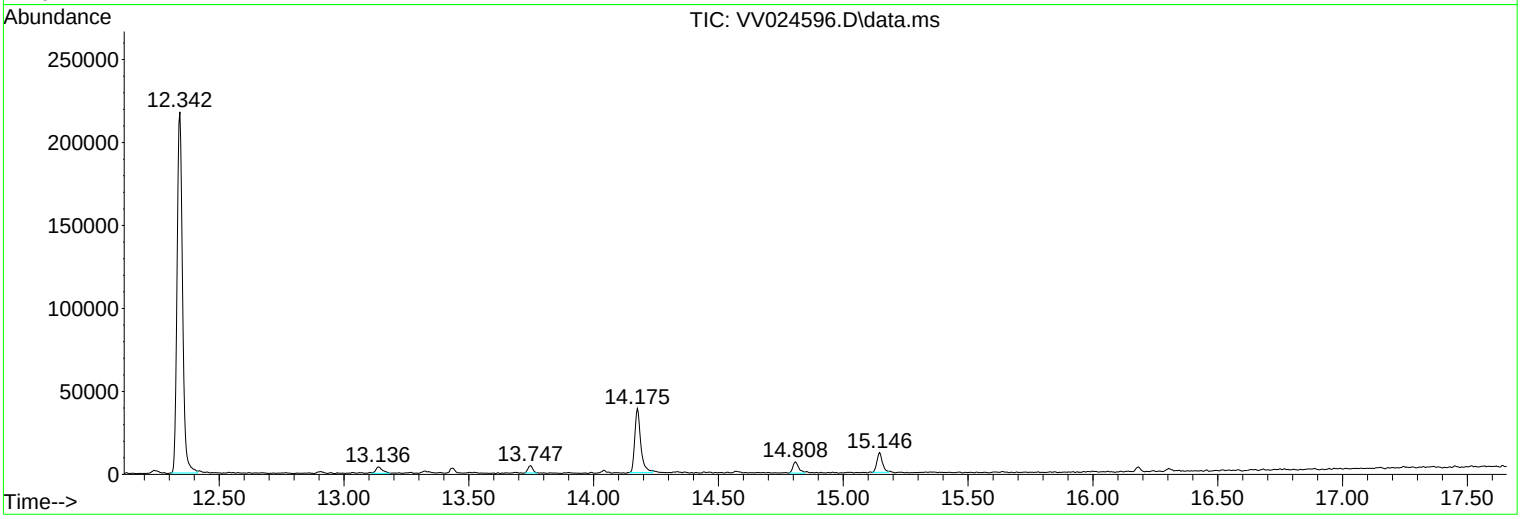
Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024596.D
Acq On : 11 Feb 2022 11:48
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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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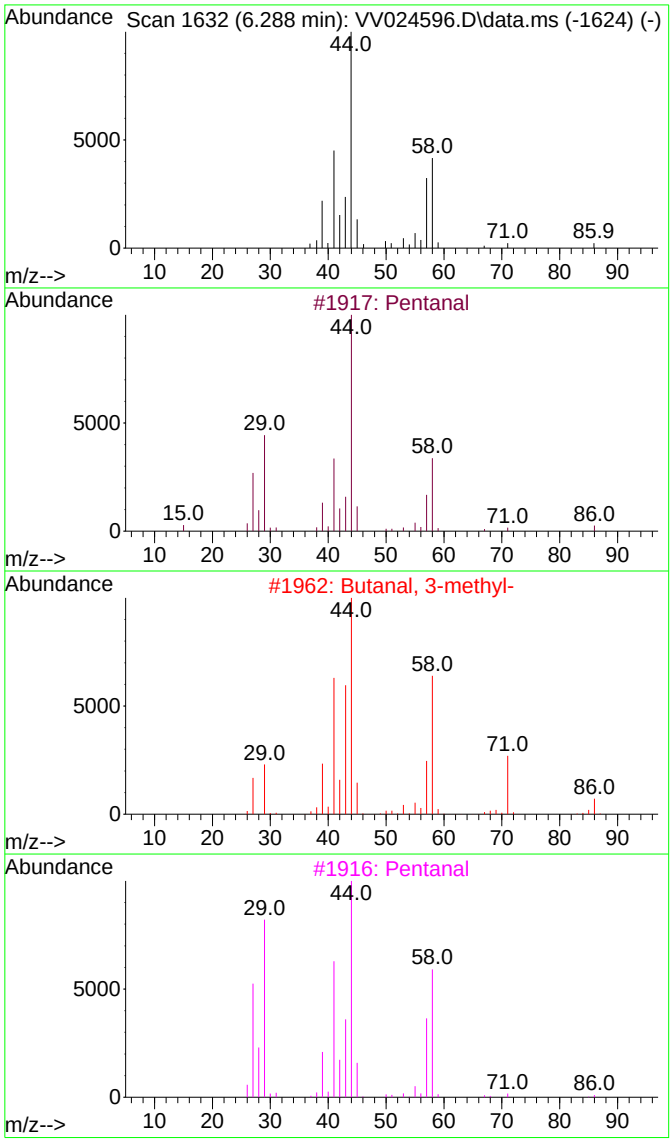
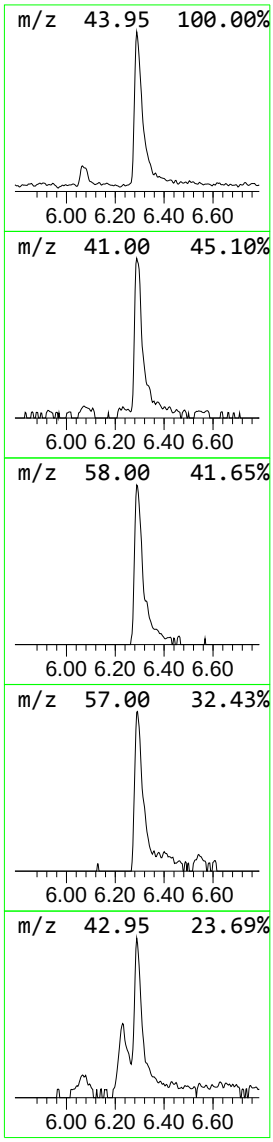
Peak Number 1 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.288	0.84 ug/L	48920	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	83
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3	Pentanal	86	C5H10O	000110-62-3	78
4	Pentanal	86	C5H10O	000110-62-3	64
5	Pentanal	86	C5H10O	000110-62-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
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Acq On : 11 Feb 2022 11:48
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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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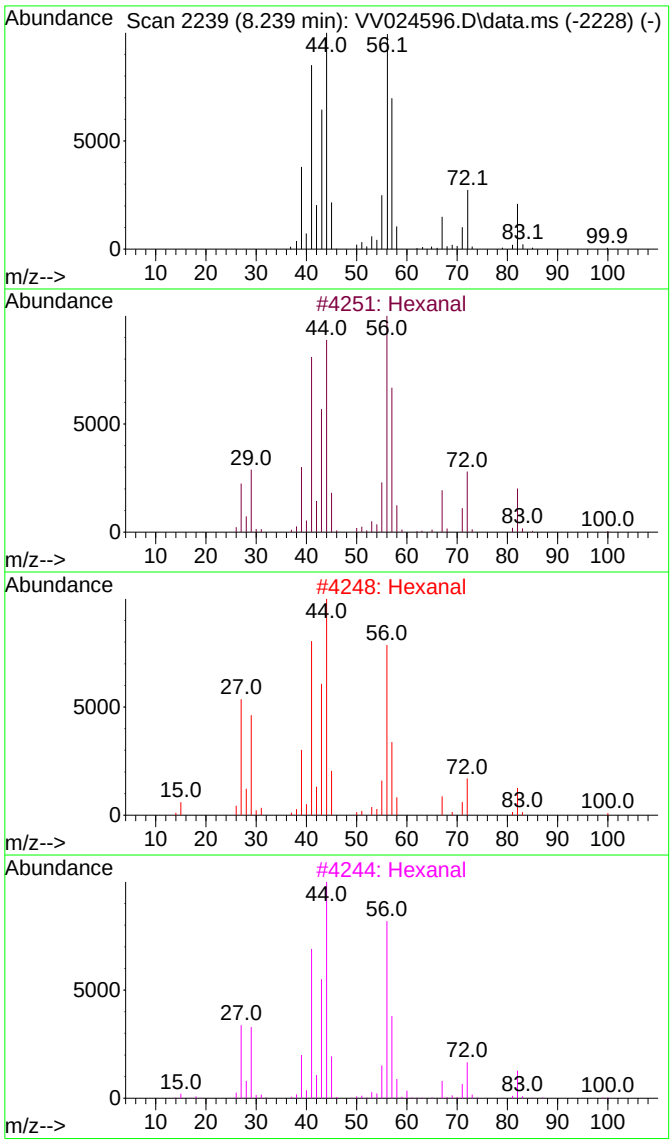
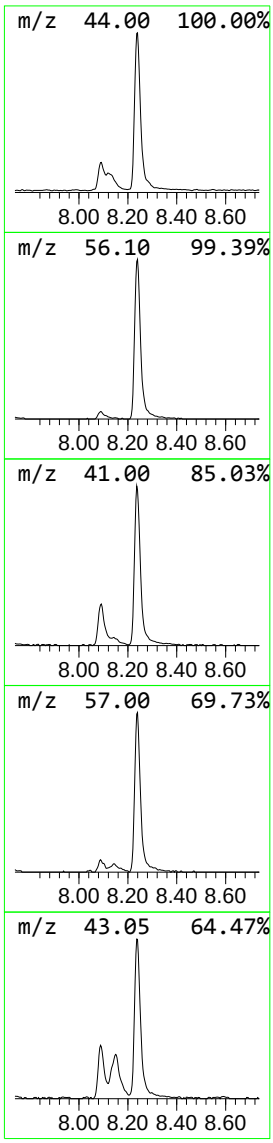
Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	3.27 ug/L	247609	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	93
2	Hexanal	100	C6H12O	000066-25-1	81
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	64
5	Hexanal	100	C6H12O	000066-25-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024596.D
Acq On : 11 Feb 2022 11:48
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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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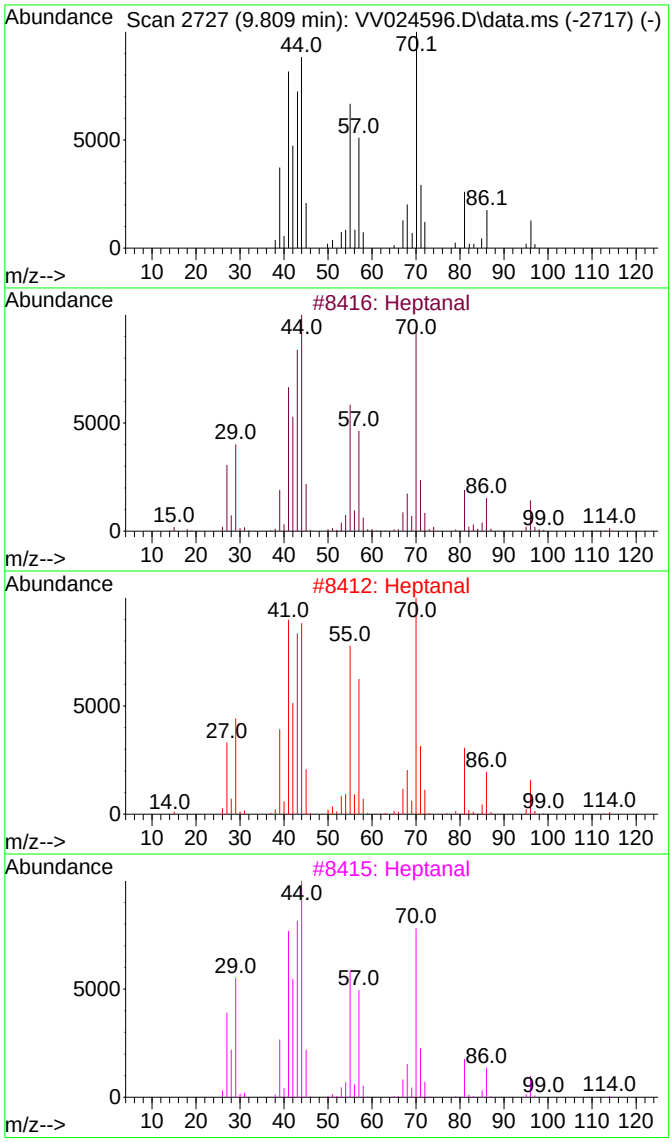
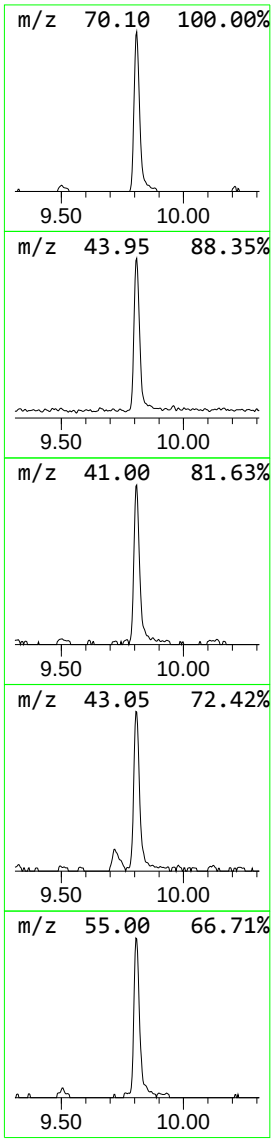
Peak Number 4 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	1.27 ug/L	96001	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	91
3	Heptanal	114	C7H14O	000111-71-7	90
4	Heptanal	114	C7H14O	000111-71-7	83
5	Heptanal	114	C7H14O	000111-71-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
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Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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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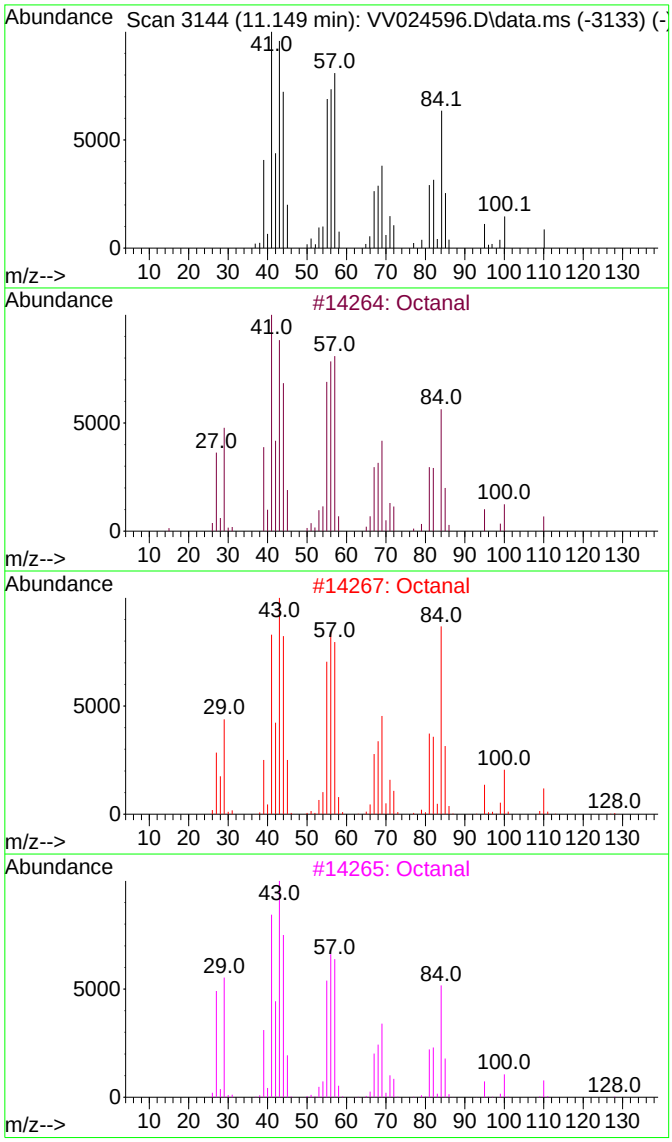
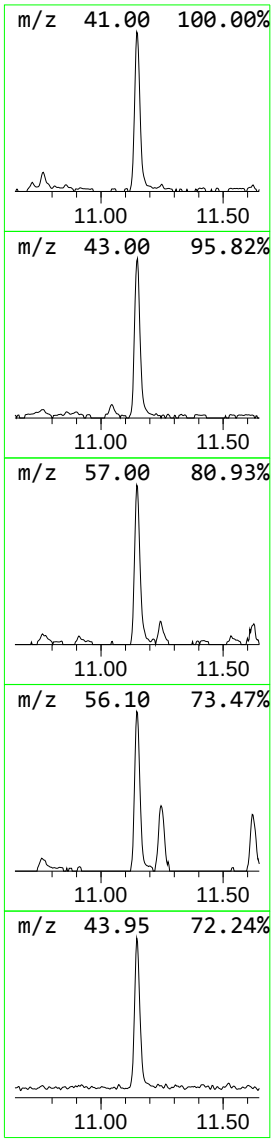
Peak Number 5 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	1.48 ug/L	120321	1,4-Dichlorobenzene-d4	11.246

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	91
4	Octanal	128	C8H16O	000124-13-0	90
5	Octanal	128	C8H16O	000124-13-0	86





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Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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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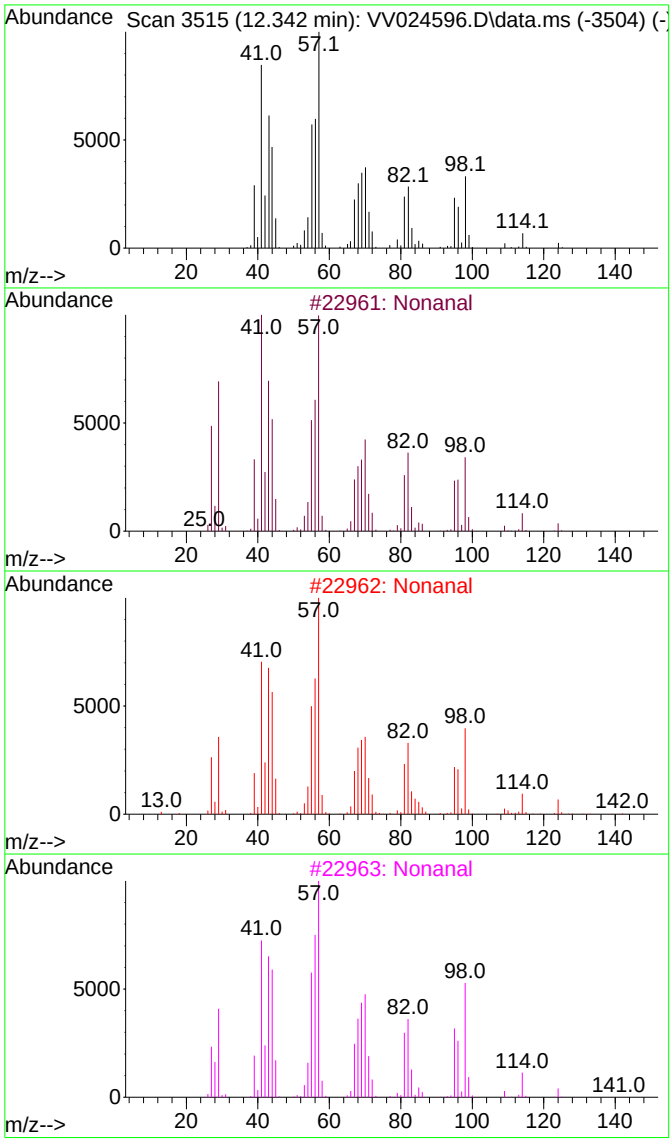
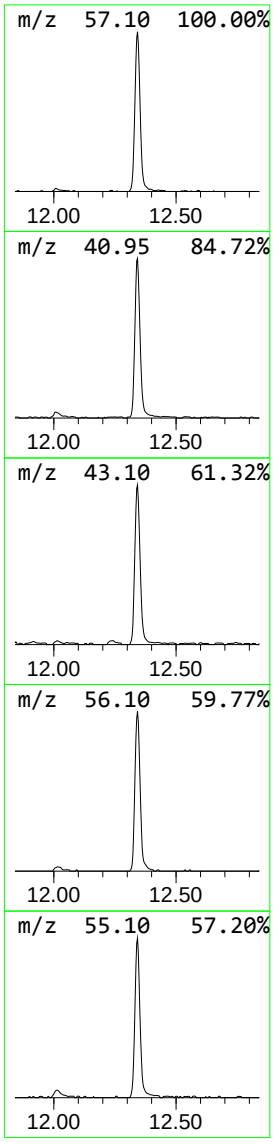
Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	3.98 ug/L	324597	1,4-Dichlorobenzene-d4	11.246

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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Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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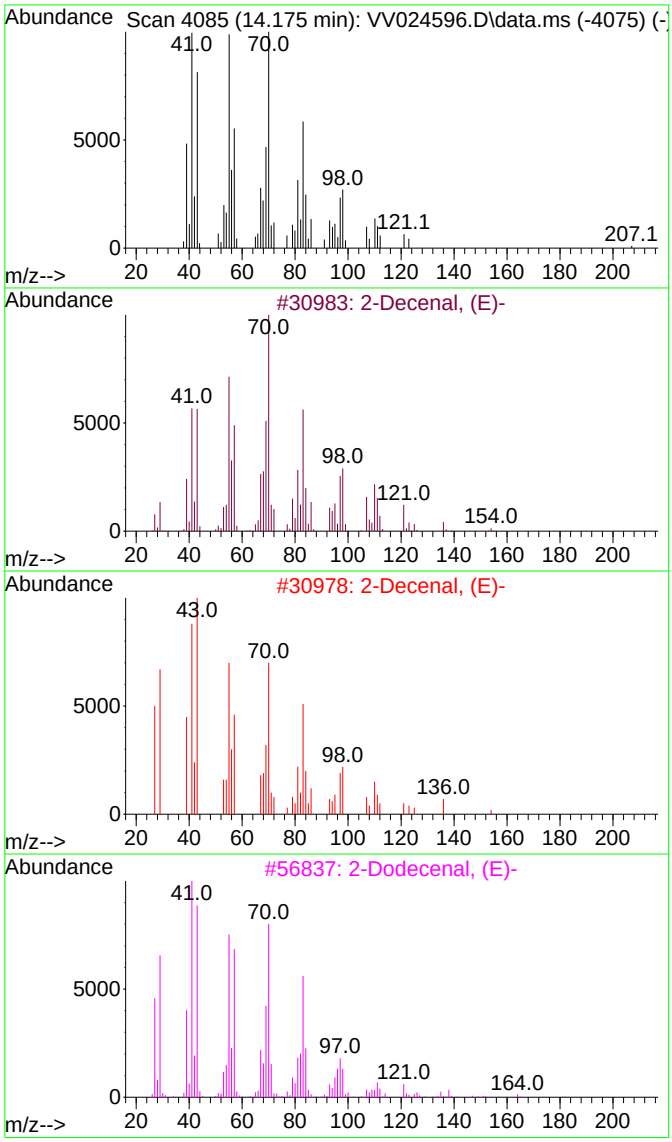
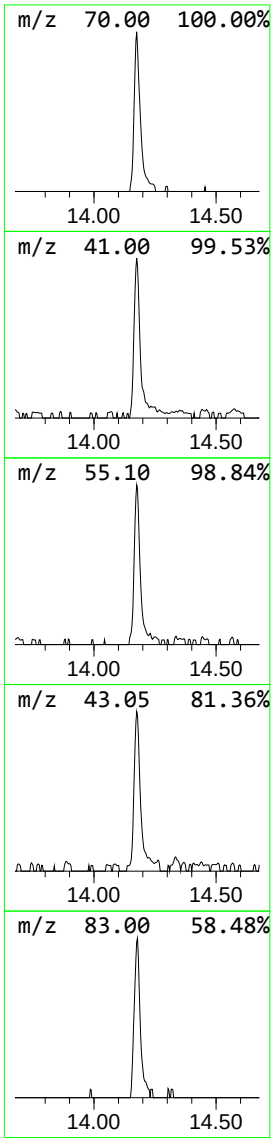
Peak Number 7 2-Decenal, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	0.79 ug/L	64191	1,4-Dichlorobenzene-d4	11.246

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	72
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
4	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentanal	6.288	0.8	ug/L	48920	1	5.619	290097	5.0
Hexanal	8.239	3.3	ug/L	247609	2	8.850	378481	5.0
Heptanal	9.809	1.3	ug/L	96001	2	8.850	378481	5.0
Octanal	11.149	1.5	ug/L	120321	3	11.246	407816	5.0
Nonanal	12.342	4.0	ug/L	324597	3	11.246	407816	5.0
2-Decenal, (E)-	14.175	0.8	ug/L	64191	3	11.246	407816	5.0