LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

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\SFAMVTR121021WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV024094.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	75	83	98	rVB	44490	47192	5.28%	0.926%
2	1.391	98	109	129	rBV	185858	345020	38.59%	6.770%
3	1.568	157	164	175	rVB	43367	48543	5.43%	0.953%
4	2.108	322	332	345	rBV	94391	137040	15.33%	2.689%
5	2.442	427	436	450	rBV2	15032	33473	3.74%	0.657%
6	3.712	820	831	846	rBV4	11113	28448	3.18%	0.558%
7	3.912	881	893	899	rBV2	18064	39413	4.41%	0.773%
8	4.349	1013	1029	1047	rBV	69363	164263	18.37%	3.223%
9	5.050	1226	1247	1270	rBV2	140256	350656	39.22%	6.881%
10	5.619	1413	1424	1442	rBV	103581	214191	23.96%	4.203%
11	6.069	1552	1564	1589	rBV	81822	168733	18.87%	3.311%
12	6.288	1623	1632	1658	rVB4	14028	32470	3.63%	0.637%
13	6.985	1840	1849	1867	rBV	40531	72970	8.16%	1.432%
14	7.317	1936	1952	1973	rBV	177168	311925	34.89%	6.121%
15	7.625	2033	2048	2067	rBV	23047	42380	4.74%	0.832%
16	7.944	2132	2147	2165	rBV5	11696	36580	4.09%	0.718%
17	8.092	2183	2193	2217	rBV	137064	271885	30.41%	5.335%
18	8.239	2231	2239	2259	rVB2	42072	77490	8.67%	1.521%
19	8.850	2418	2429	2447	rBV	171767	287973	32.21%	5.651%
20	9.490	2617	2628	2652	rBV4	35615	114308	12.79%	2.243%
21	9.809	2717	2727	2750	rVB2	36066	61083	6.83%	1.199%
22	10.217	2840	2854	2871	rBV2	57196	94013	10.52%	1.845%
23	10.381	2893	2905	2916	rVB3	15030	24221	2.71%	0.475%
24	10.815	3029	3040	3066	rBV	87102	209971	23.48%	4.120%
25	11.146	3135	3143	3159	rVV2	50161	75423	8.44%	1.480%
26	11.249	3161	3175	3191	rVB	227220	350335	39.18%	6.875%
27	11.532	3254	3263	3278	rBV3	12109	27799	3.11%	0.545%
28	11.625	3281	3292	3306	rVB	190932	308181	34.47%	6.047%
29	12.005	3397	3410	3455	rBV	445077	894073	100.00%	17.544%
30	12.342	3508	3515	3521	rBV3	21598	29022	3.25%	0.569%
31	13.098	3738	3750	3778	rBV2	73768	179834	20.11%	3.529%
32	13.432	3846	3854	3867	rVB7	10446	17243	1.93%	0.338%

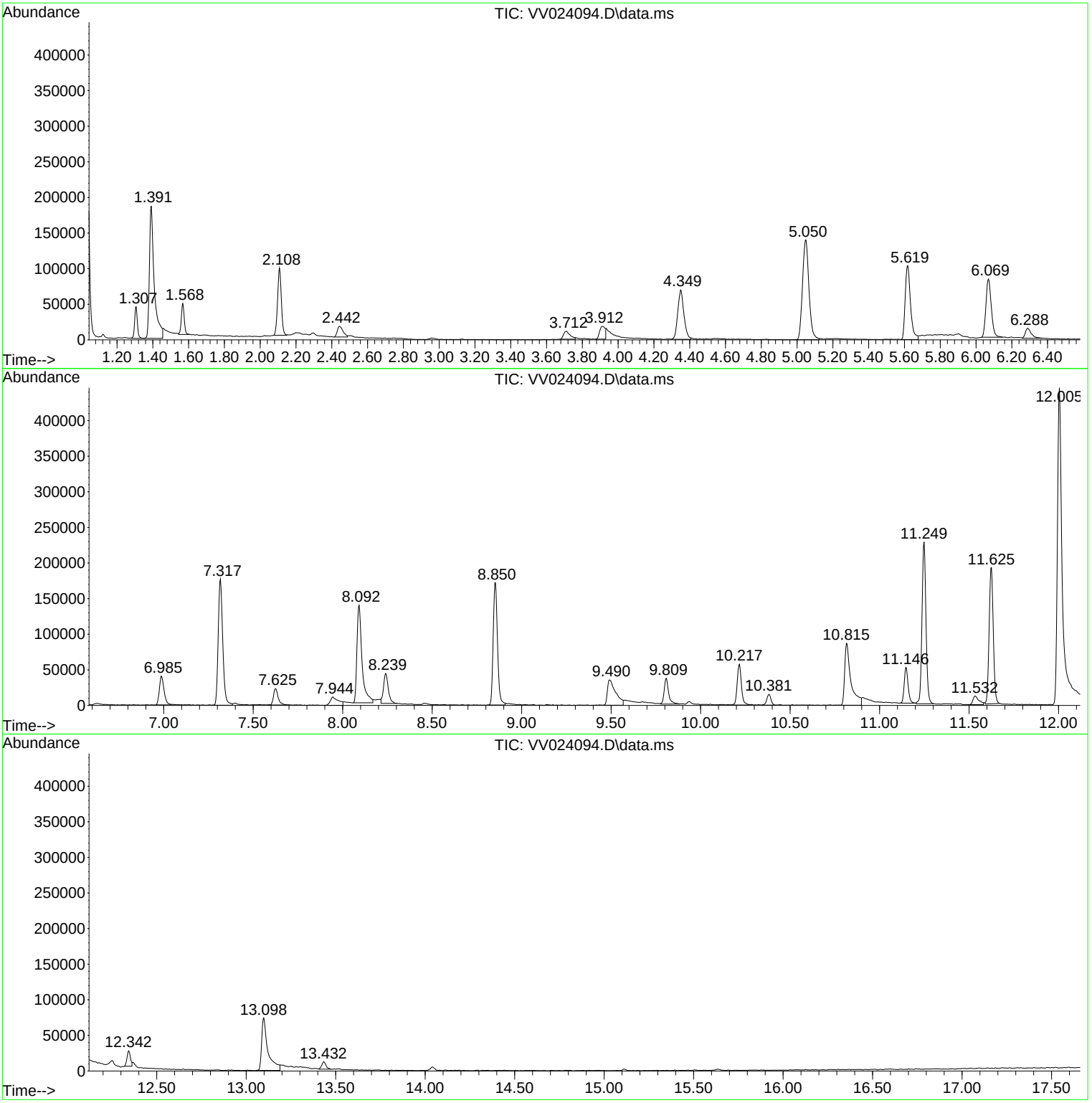
Sum of corrected areas: 5096151

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.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\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
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Quant Title : TRACE VOA SFAM1.0

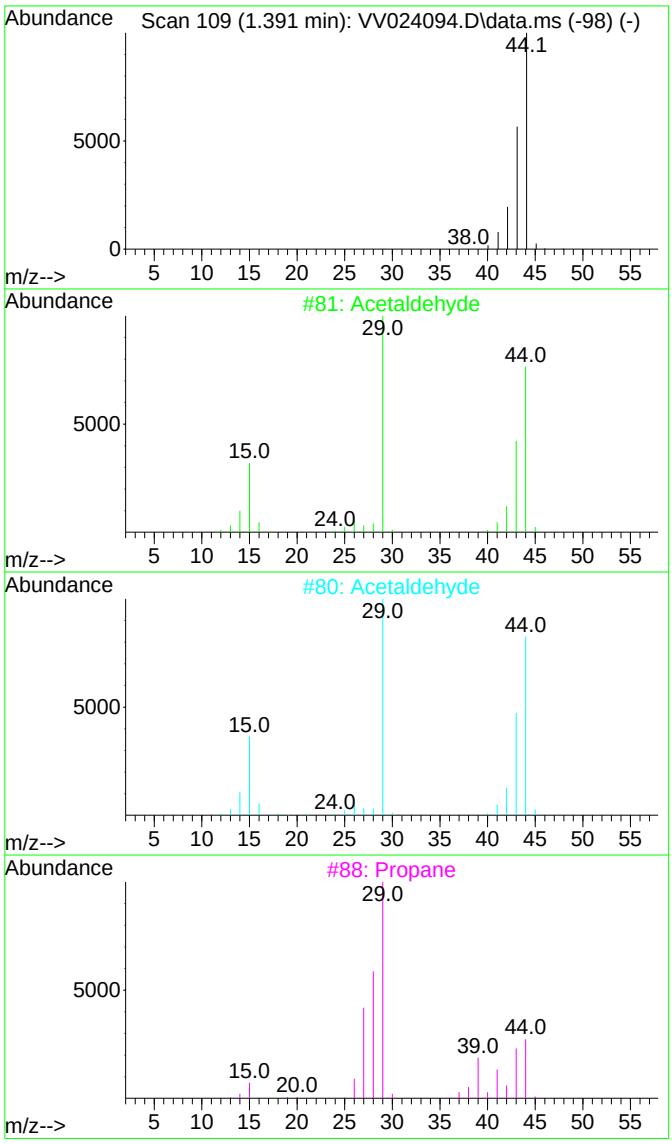
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

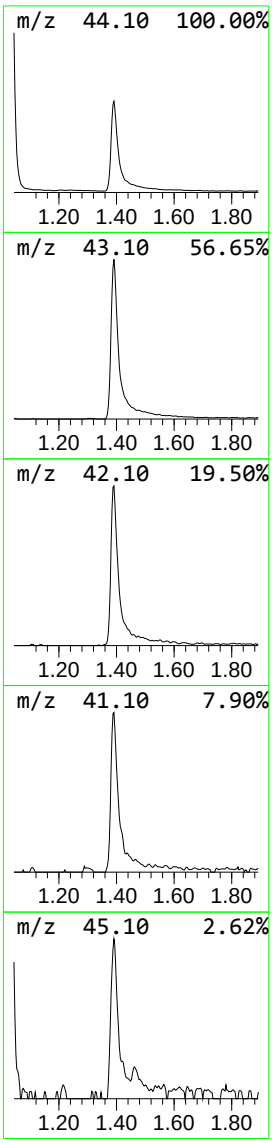
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.391	8.05 ug/L	345020	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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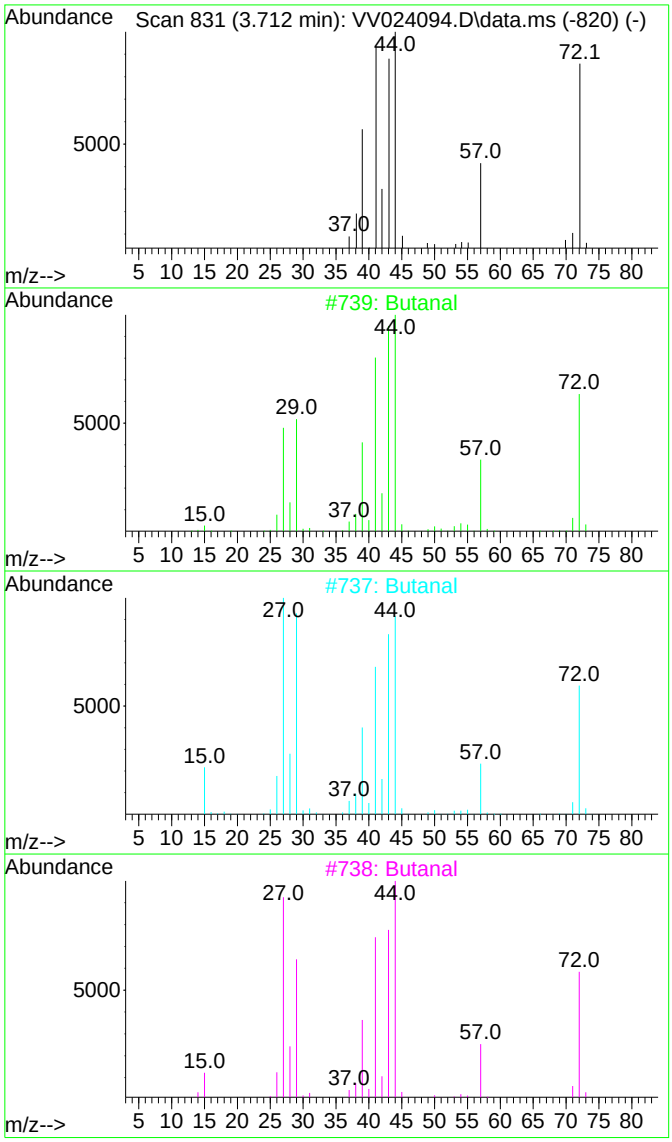
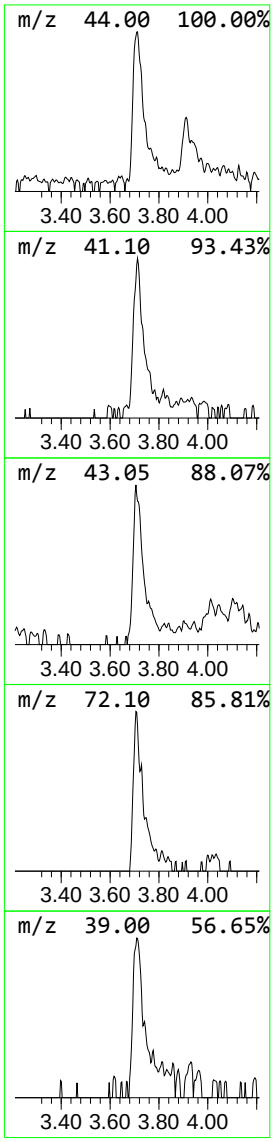
Peak Number 2 Butanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.712	0.66 ug/L	28448	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	70
2	Butanal	72	C4H8O	000123-72-8	58
3	Butanal	72	C4H8O	000123-72-8	46
4	Butanal	72	C4H8O	000123-72-8	43
5	Butanal	72	C4H8O	000123-72-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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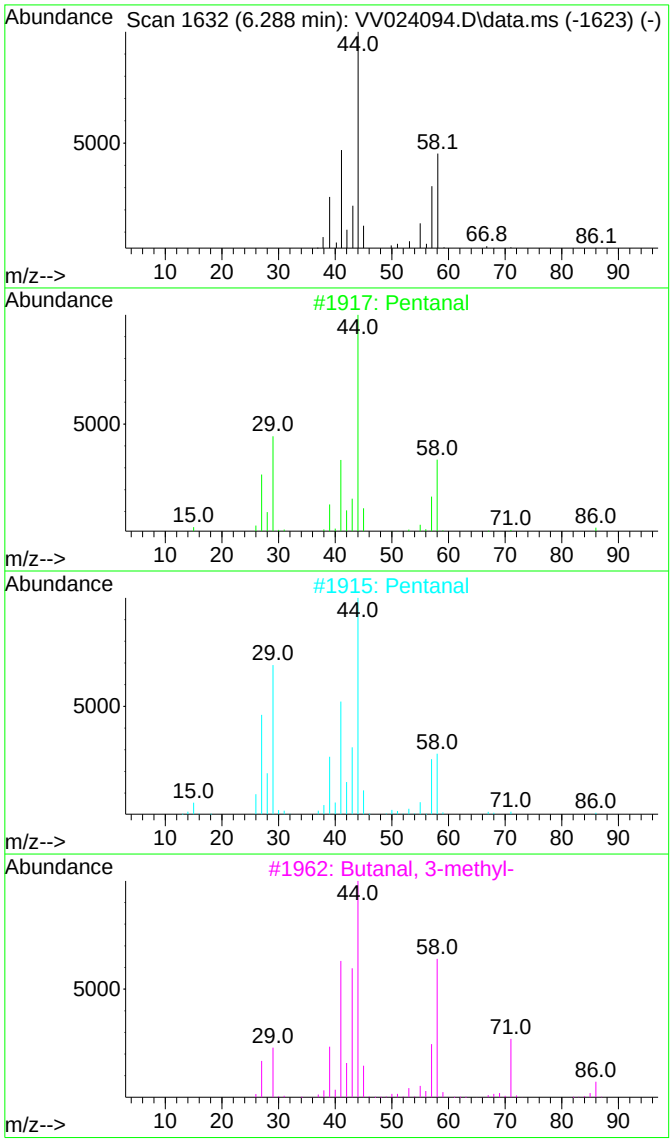
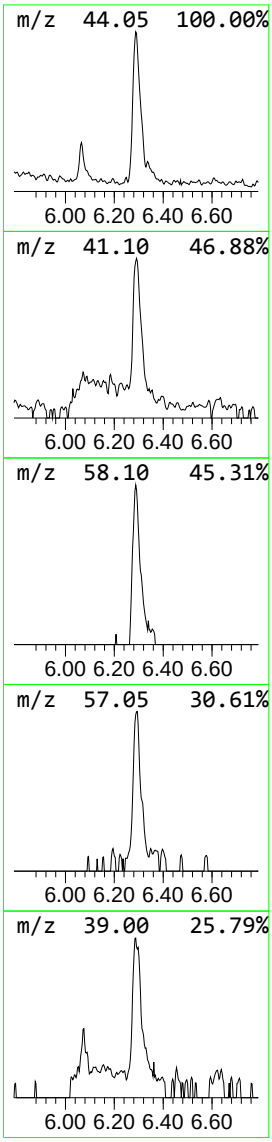
Peak Number 3 Pentanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.288	0.76 ug/L	32470	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	83
2	Pentanal	86	C5H10O	000110-62-3	78
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
4	Pentanal	86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

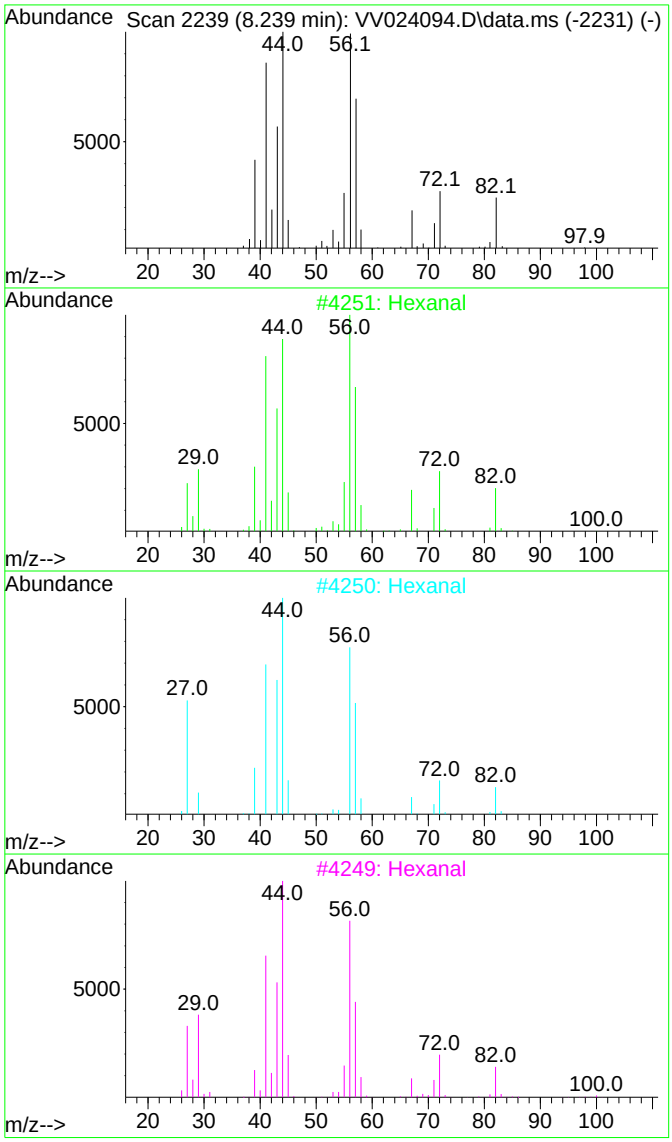
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

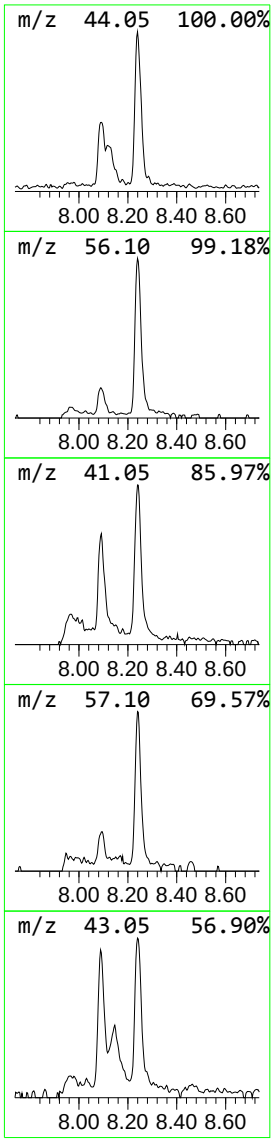
****

Peak Number 6 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	1.35 ug/L	77490	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	53
5	Hexanal	100	C6H12O	000066-25-1	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

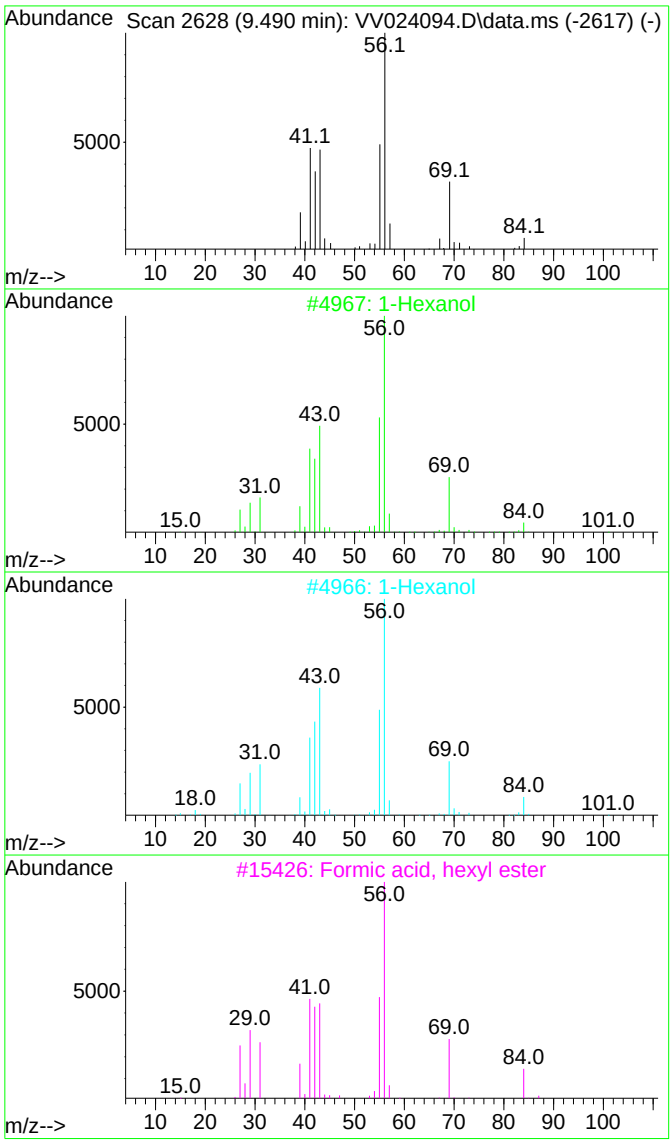
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

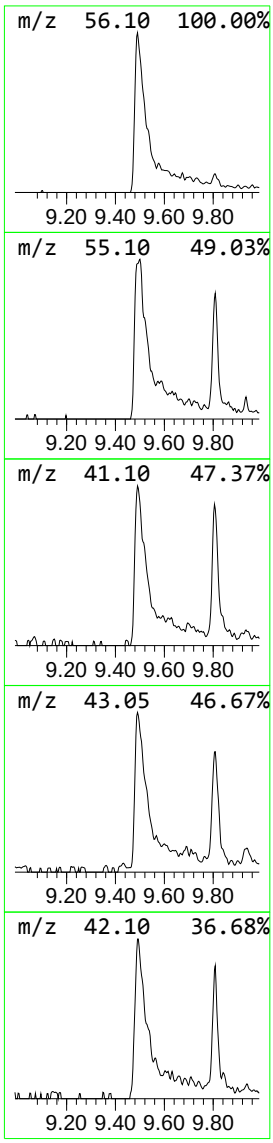
****

Peak Number 7 1-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.490	1.98 ug/L	114308	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	1-Hexanol	102	C6H14O	000111-27-3	83
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
4	1-Hexanol	102	C6H14O	000111-27-3	78
5	1-Hexanol	102	C6H14O	000111-27-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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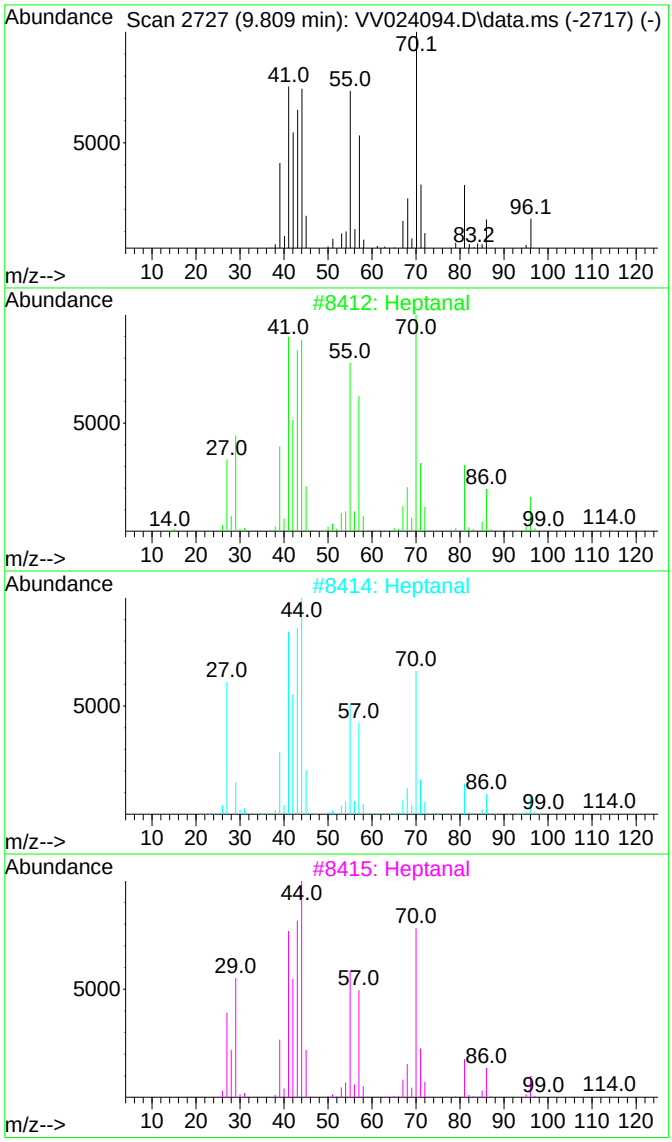
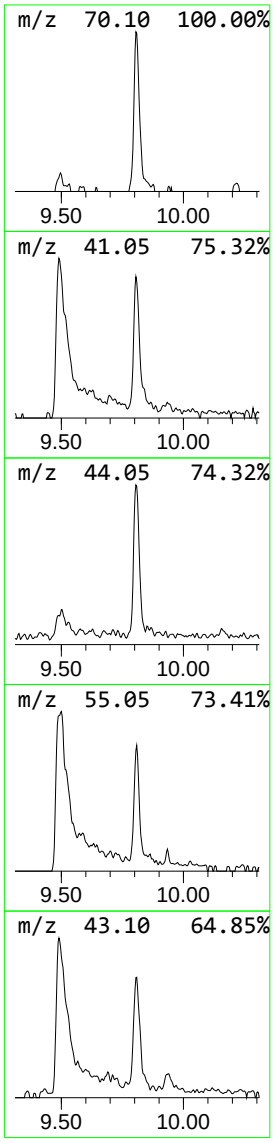
Peak Number 8 Heptanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	1.06 ug/L	61083	Chlorobenzene-d5	8.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	90
2	Heptanal	114	C7H14O	000111-71-7	72
3	Heptanal	114	C7H14O	000111-71-7	64
4	Heptanal	114	C7H14O	000111-71-7	59
5	Heptanal	114	C7H14O	000111-71-7	50





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Operator : SY/MD
Sample : M5134-08
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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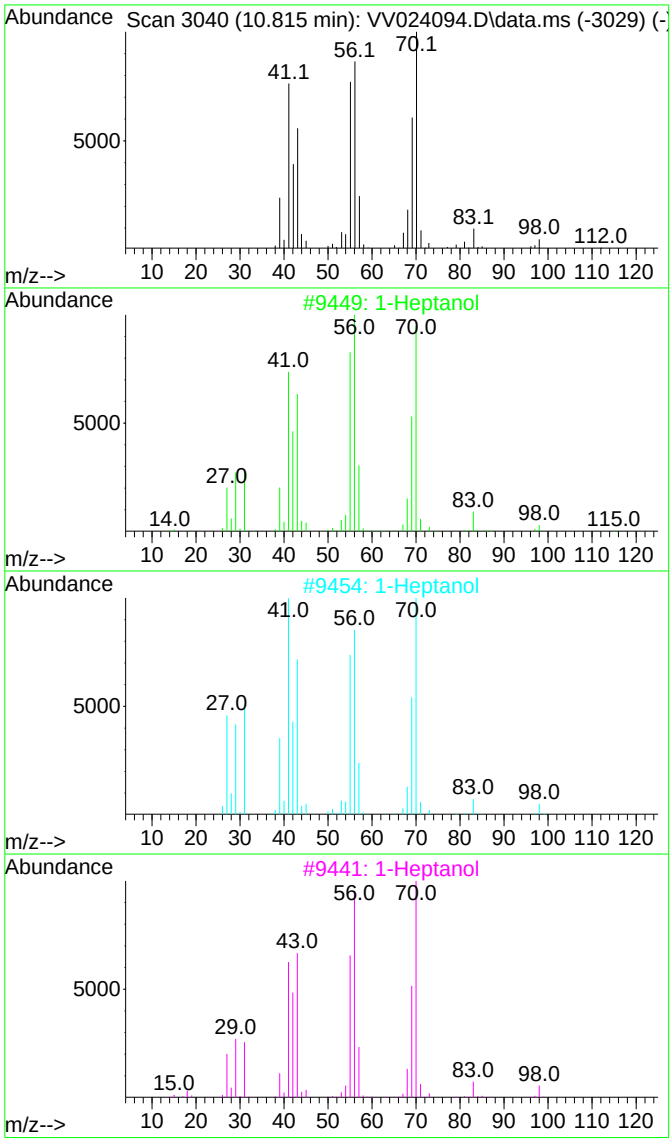
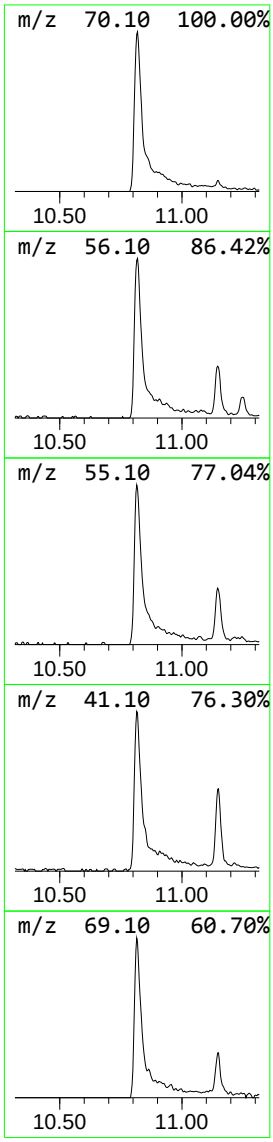
Peak Number 9 1-Heptanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.815	3.00 ug/L	209971	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	90
2	1-Heptanol	116	C7H16O	000111-70-6	90
3	1-Heptanol	116	C7H16O	000111-70-6	86
4	1-Heptanol	116	C7H16O	000111-70-6	83
5	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	78





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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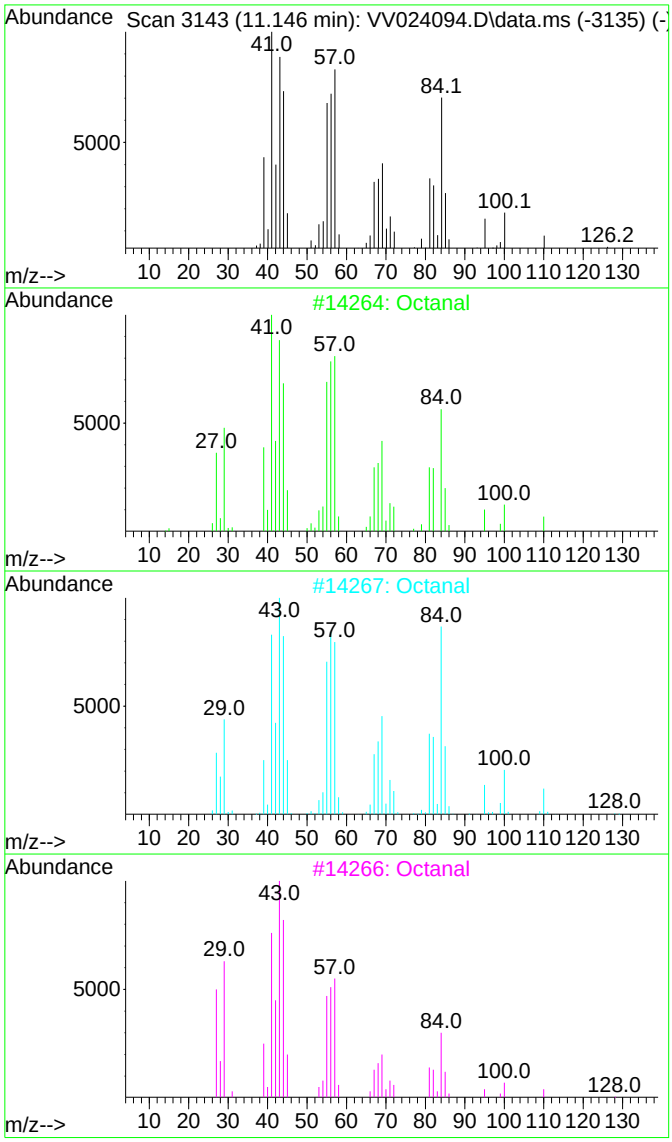
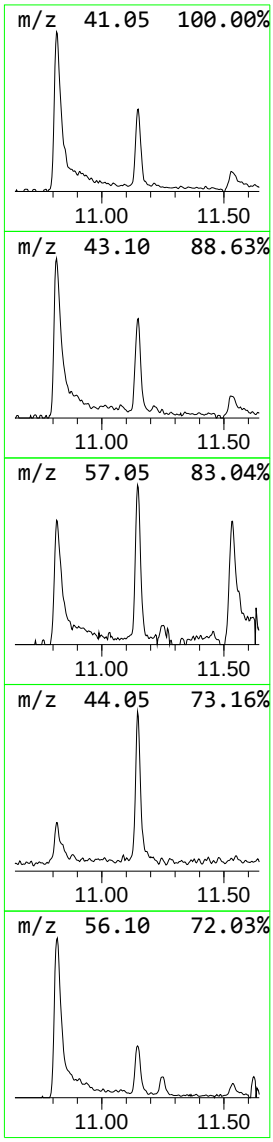
Peak Number 10 Octanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	1.08 ug/L	75423	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	90
3	Octanal	128	C8H16O	000124-13-0	86
4	Octanal	128	C8H16O	000124-13-0	83
5	Octanal	128	C8H16O	000124-13-0	78





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Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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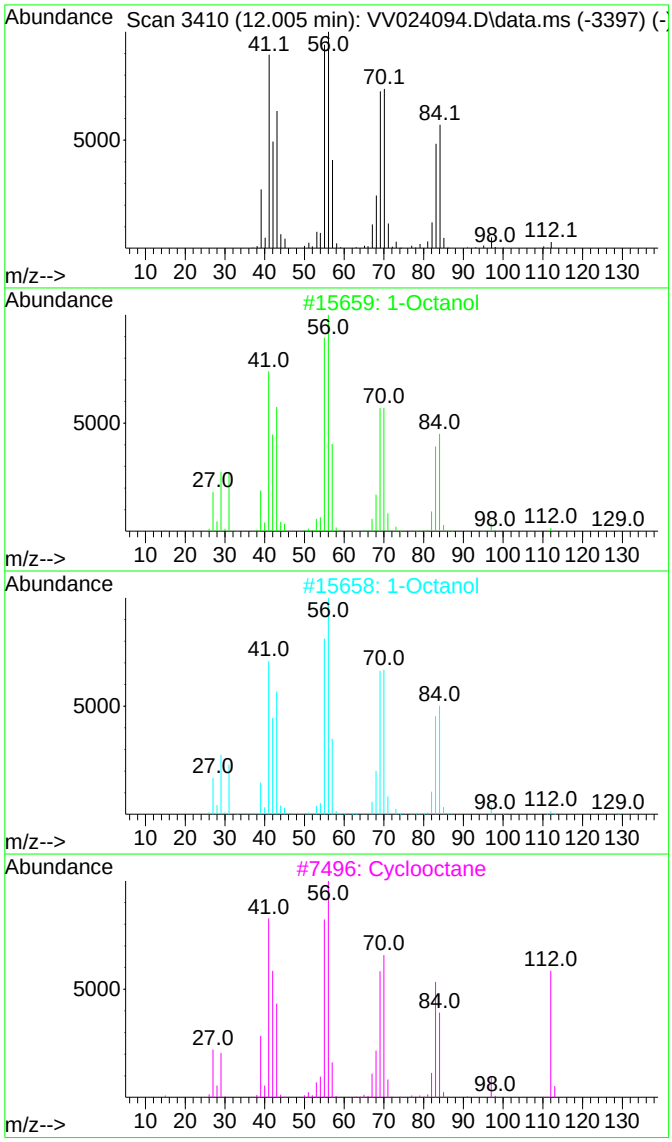
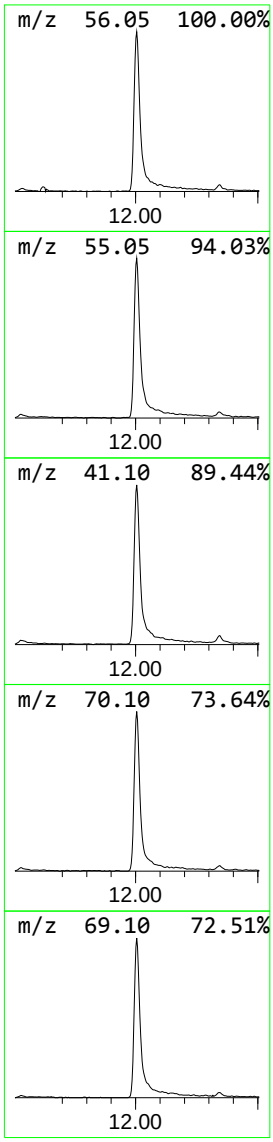
Peak Number 11 1-Octanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	12.76 ug/L	894073	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	91
2	1-Octanol	130	C8H18O	000111-87-5	91
3	Cyclooctane	112	C8H16	000292-64-8	90
4	1-Octanol	130	C8H18O	000111-87-5	90
5	Octyl chloroformate	192	C9H17ClO2	007452-59-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0

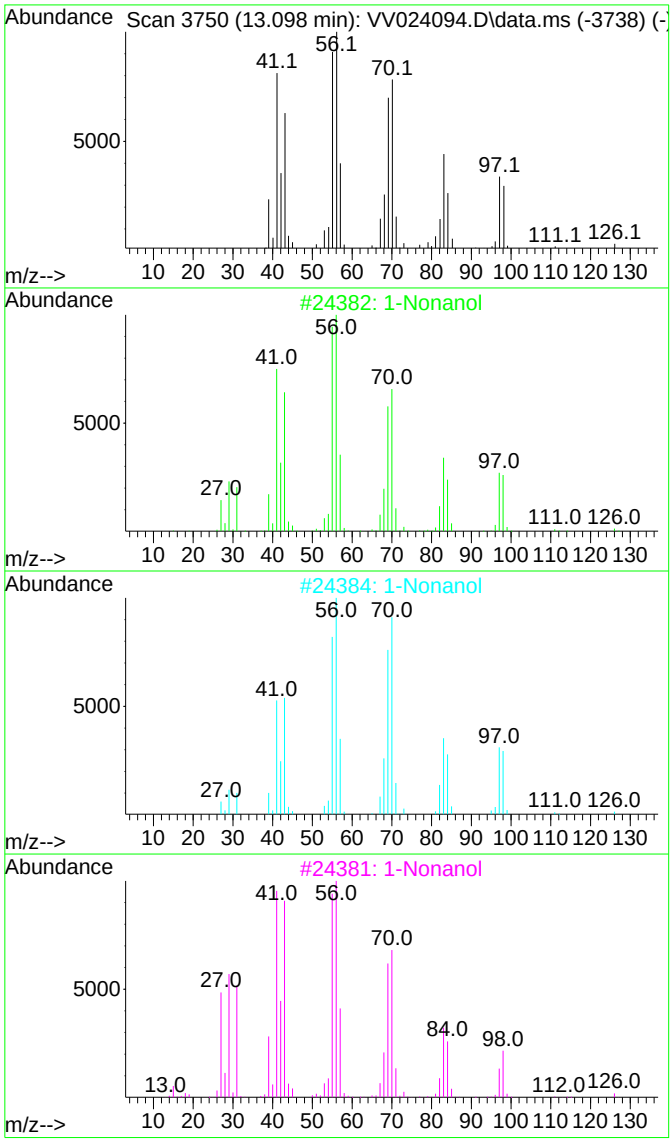
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

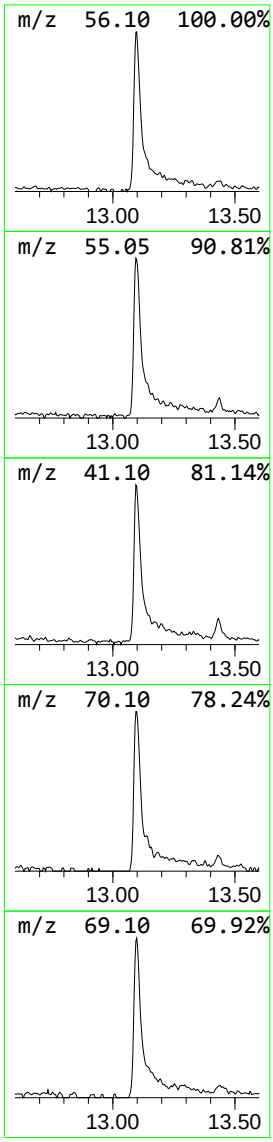
****

Peak Number 12 1-Nonanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.57 ug/L	179834	1,4-Dichlorobenzene-d4	11.249

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	86
4	Cycloheptane	98	C7H14	000291-64-5	76
5	1-Heptene	98	C7H14	000592-76-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024094.D
Acq On : 19 Dec 2021 17:27
Operator : SY/MD
Sample : M5134-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBBK7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.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	1.391	8.1	ug/L	345020	1	5.619	214191	5.0
Butanal	3.712	0.7	ug/L	28448	1	5.619	214191	5.0
Pentanal	6.288	0.8	ug/L	32470	1	5.619	214191	5.0
Hexanal	8.239	1.4	ug/L	77490	2	8.854	287973	5.0
1-Hexanol	9.490	2.0	ug/L	114308	2	8.854	287973	5.0
Heptanal	9.809	1.1	ug/L	61083	2	8.854	287973	5.0
1-Heptanol	10.815	3.0	ug/L	209971	3	11.249	350335	5.0
Octanal	11.146	1.1	ug/L	75423	3	11.249	350335	5.0
1-Octanol	12.005	12.8	ug/L	894073	3	11.249	350335	5.0
1-Nonanol	13.098	2.6	ug/L	179834	3	11.249	350335	5.0