LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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: VV024601.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	15	21	32	rVB	48761	45602	2.65%	0.512%
2	1.179	37	43	50	rBV	50219	46965	2.73%	0.527%
3	1.307	73	83	90	rBV2	87778	107667	6.25%	1.208%
4	1.568	157	164	179	rVB	61850	69786	4.05%	0.783%
5	1.809	232	239	255	rVB	30382	41942	2.43%	0.471%
6	2.111	321	333	351	rBV3	148615	246653	14.31%	2.768%
7	2.773	523	539	554	rBV2	8228	18527	1.08%	0.208%
8	3.195	658	670	685	rBV3	11261	24661	1.43%	0.277%
9	3.915	881	894	922	rBV4	68384	215496	12.51%	2.419%
10	4.352	1014	1030	1057	rBV	80284	204695	11.88%	2.297%
11	5.050	1231	1247	1282	rBV2	183584	463742	26.91%	5.205%
12	5.619	1412	1424	1453	rBV	139251	281621	16.34%	3.161%
13	5.911	1501	1515	1546	rBV	889539	1723238	100.00%	19.341%
14	6.072	1552	1565	1587	rBV	102667	209941	12.18%	2.356%
15	6.291	1623	1633	1656	rBV	25493	55131	3.20%	0.619%
16	6.989	1839	1850	1871	rBV	53490	101366	5.88%	1.138%
17	7.317	1939	1952	1968	rBV	229110	398587	23.13%	4.474%
18	7.394	1969	1976	1990	rVB	14127	26635	1.55%	0.299%
19	7.625	2039	2048	2066	rBV	30918	56148	3.26%	0.630%
20	7.972	2143	2156	2182	rBV	626545	1048419	60.84%	11.767%
21	8.088	2182	2192	2227	rBV	193327	390415	22.66%	4.382%
22	8.236	2228	2238	2267	rBV	304924	507485	29.45%	5.696%
23	8.850	2418	2429	2451	rBV	222036	365510	21.21%	4.102%
24	9.143	2509	2520	2536	rBV3	11282	20363	1.18%	0.229%
25	9.808	2713	2727	2748	rBV2	69441	116028	6.73%	1.302%
26	10.217	2843	2854	2870	rBV	63696	99713	5.79%	1.119%
27	10.718	2998	3010	3017	rBV2	19610	29778	1.73%	0.334%
28	10.760	3017	3023	3041	rVV2	15163	27962	1.62%	0.314%
29	11.146	3132	3143	3164	rBV	219130	334498	19.41%	3.754%
30	11.249	3164	3175	3191	rVB	255535	394330	22.88%	4.426%
31	11.622	3280	3291	3309	rVB	201712	321126	18.64%	3.604%
32	12.008	3402	3411	3429	rBV3	15335	29778	1.73%	0.334%
33	12.342	3499	3515	3542	rBV	468485	688392	39.95%	7.726%
34	14.175	4074	4085	4105	rBV	96819	168296	9.77%	1.889%
35	15.146	4372	4387	4398	rBV3	17689	29067	1.69%	0.326%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On   : 11 Feb 2022 14:04
Operator : SY/MD
Sample   : N1476-09
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 12   Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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

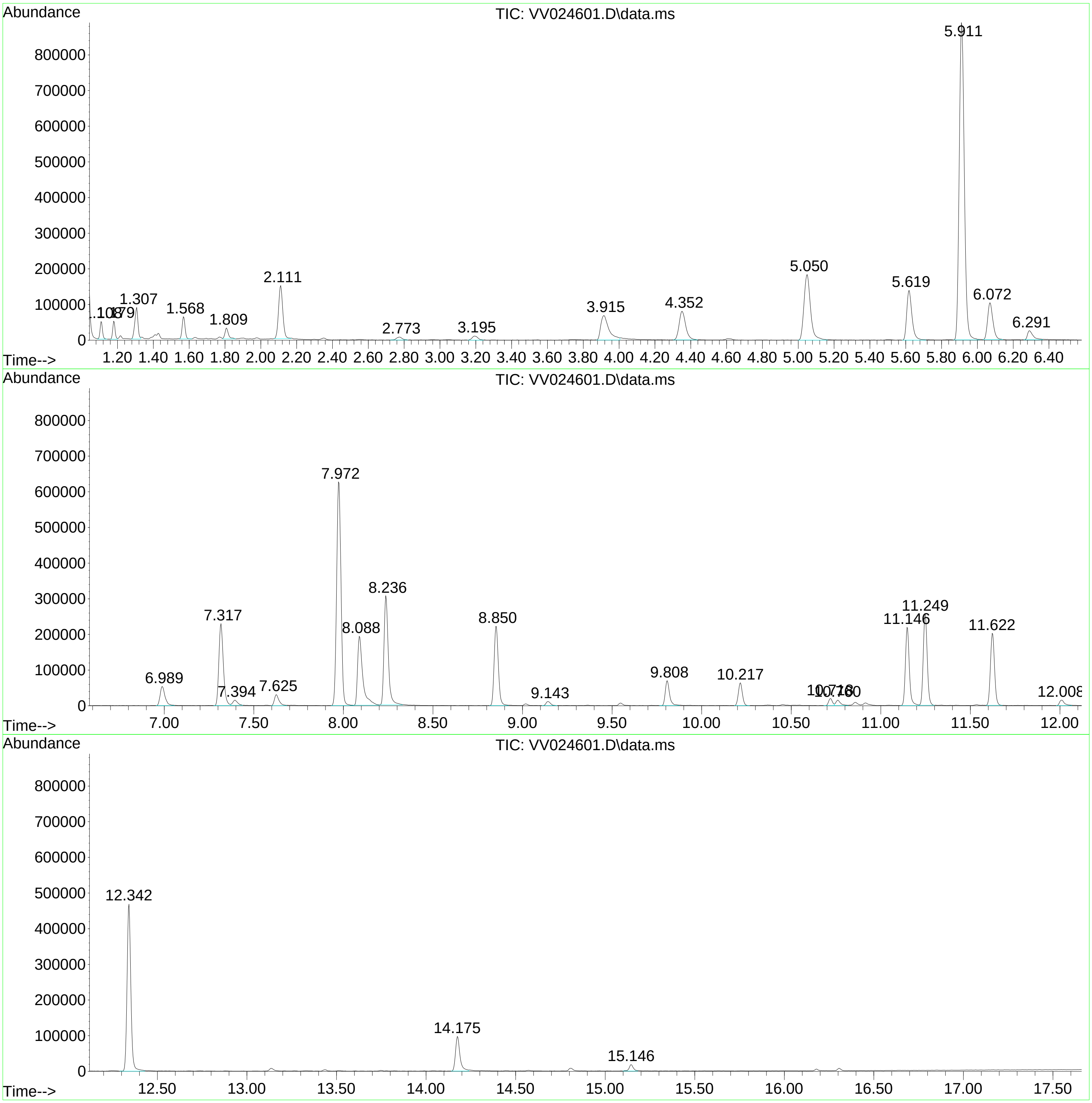
Sum of corrected areas: 8909563

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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 : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

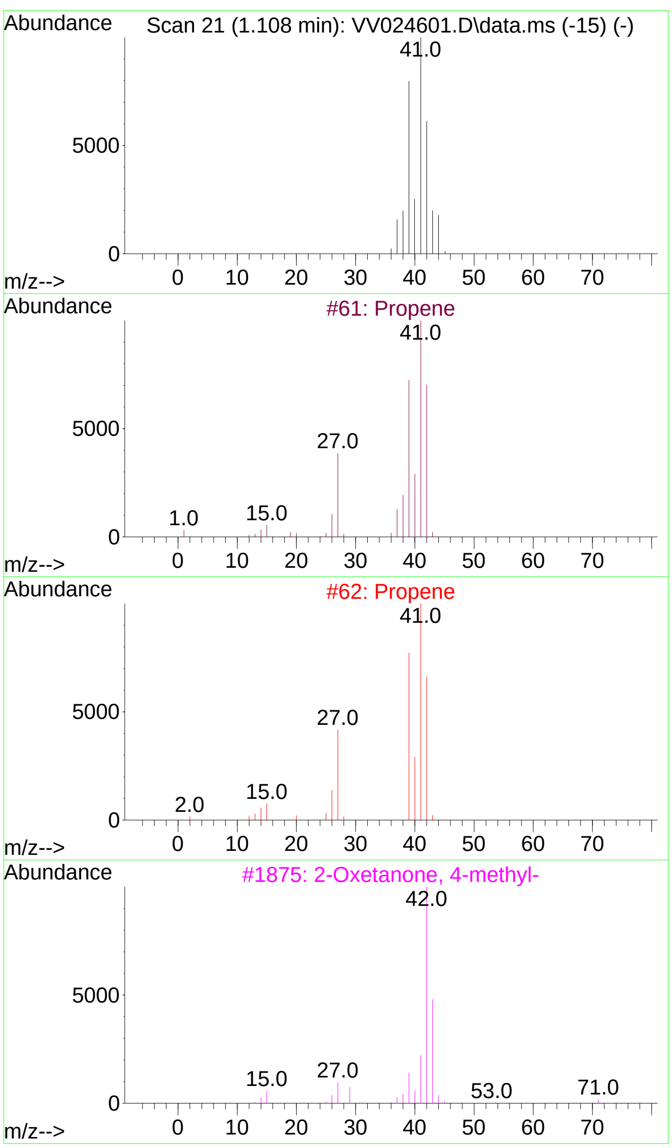
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

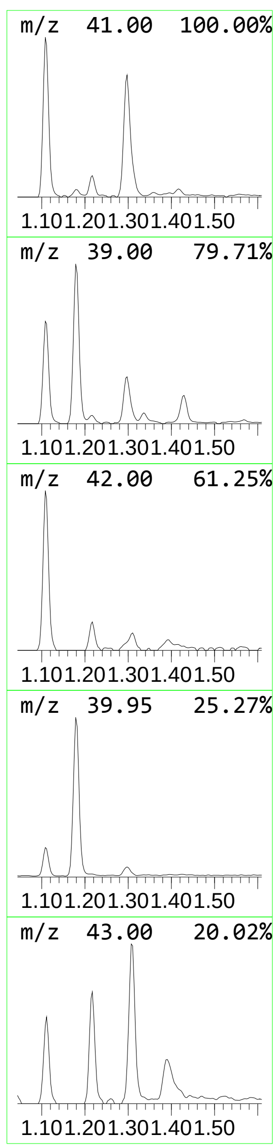
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	0.81 ug/L	45602	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	45
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropane	42	C3H6	000075-19-4	7





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On    : 11 Feb 2022  14:04
Operator  : SY/MD
Sample    : N1476-09
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

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
```

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

```
**********************************************************************
Peak Number  2  Propyne                         Concentration Rank  8

  R.T.     EstConc          Area       Relative to ISTD         R.T.
----------------------------------------------------------------------
  1.179    0.83 ug/L        46965    1,4-Difluorobenzene         5.619

 Hit# of  5    Tentative ID            MW  MolForm       CAS#       Qual
----------------------------------------------------------------------
 1 Propyne                             40 C3H4          000074-99-7 90
 2 Allene                              40 C3H4          000463-49-0 90
 3 Cyclopropene                        40 C3H4          002781-85-3 9
 4 Propane                             44 C3H8          000074-98-6 1
 5 Propane                             44 C3H8          000074-98-6 1
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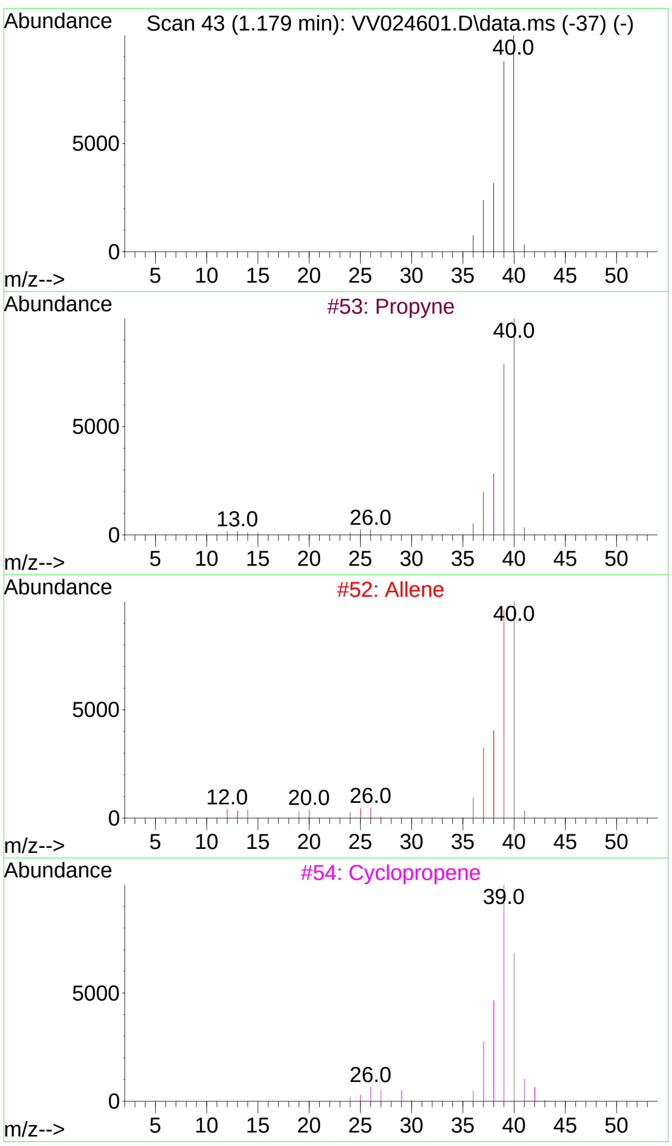
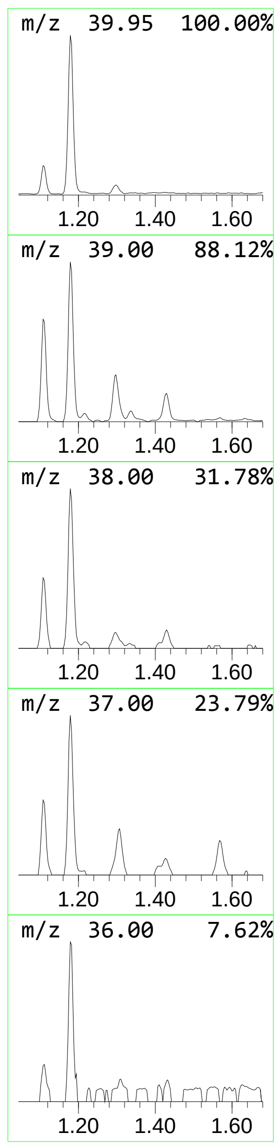




Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

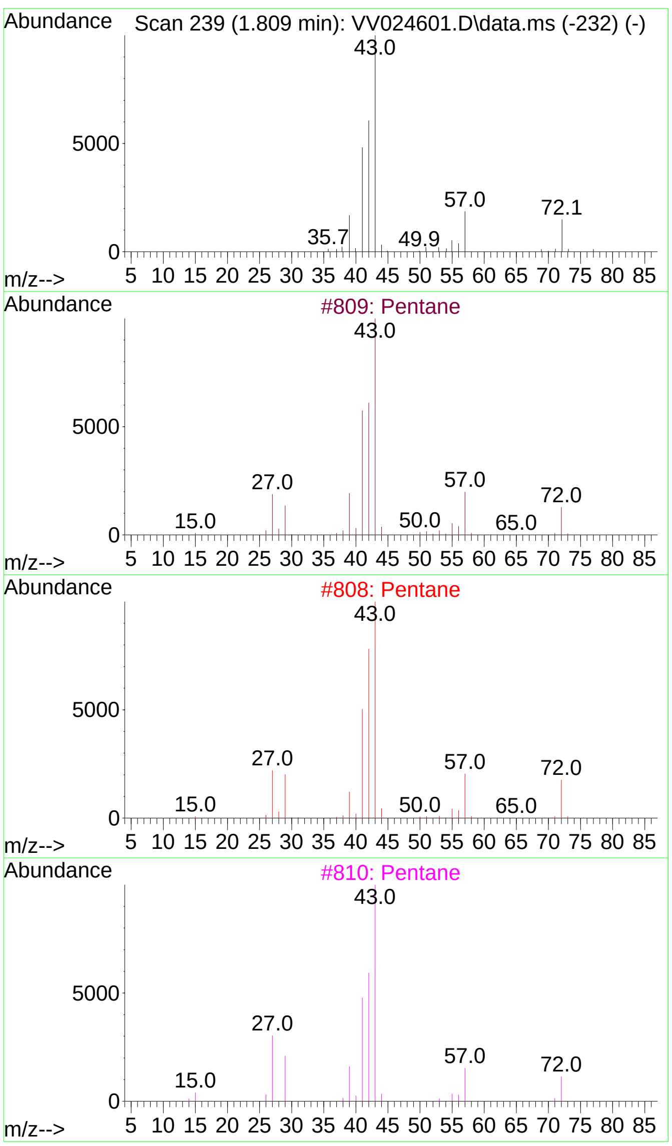
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

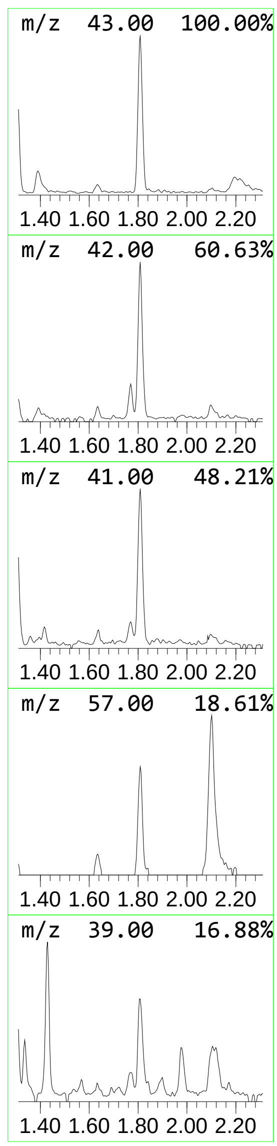
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.809	0.74 ug/L	41942	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	87
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

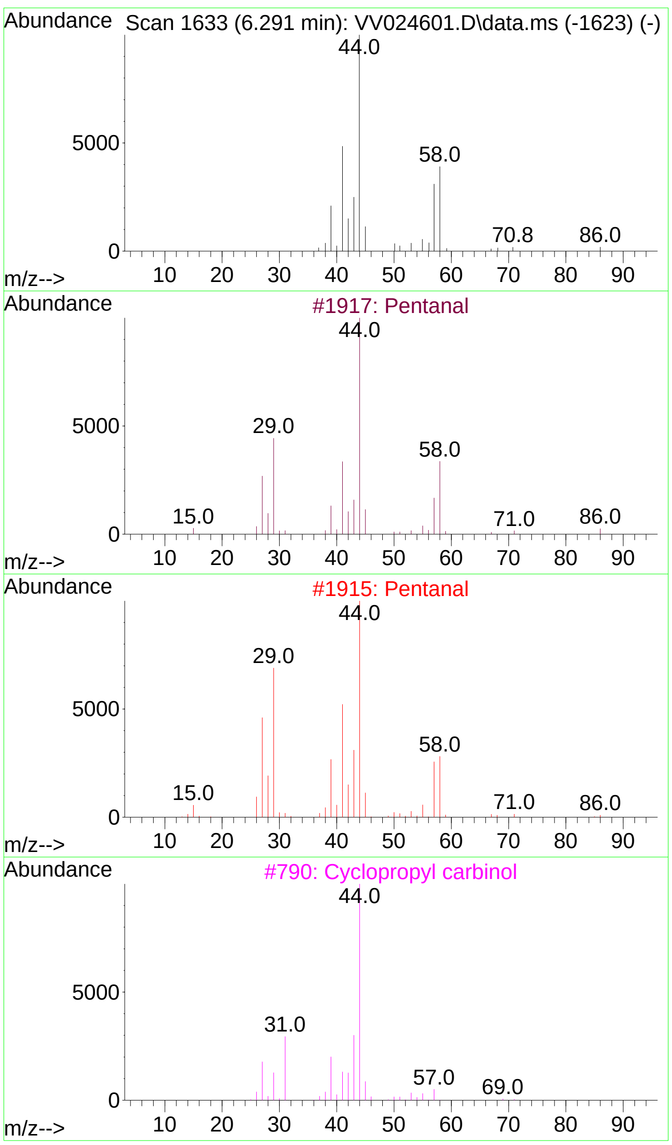
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

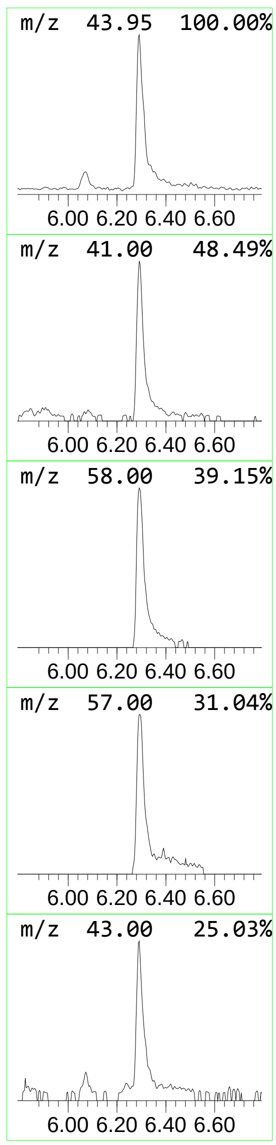
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.291	0.98 ug/L	55131	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	Cyclopropyl carbinol	72	C4H8O	002516-33-8	53
4	Pentanal	86	C5H10O	000110-62-3	50
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

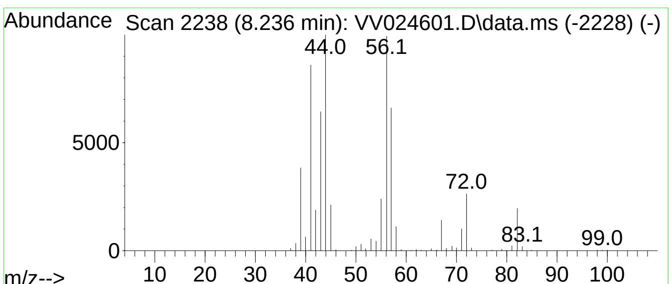
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

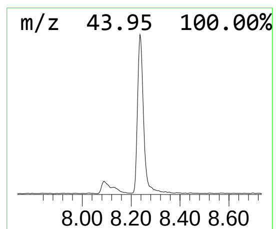
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

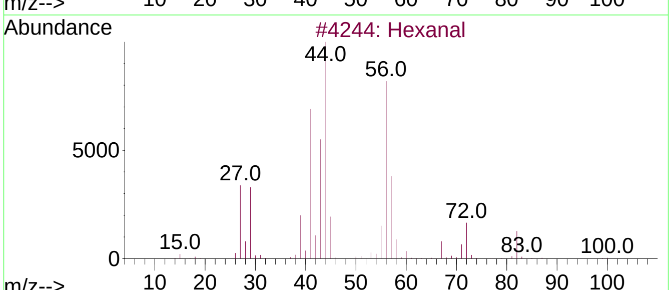
****
Peak Number 6 Hexanal Concentration Rank 2

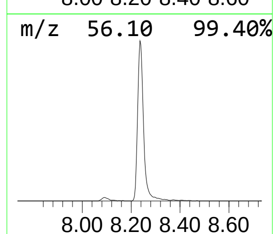
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	6.94 ug/L	507485	Chlorobenzene-d5	8.853

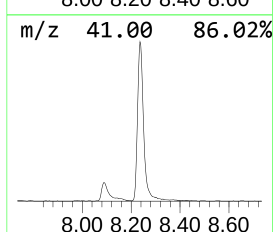
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	93
2	Hexanal	100	C6H12O	000066-25-1	87
3	Hexanal	100	C6H12O	000066-25-1	81
4	Hexanal	100	C6H12O	000066-25-1	72
5	Hexanal	100	C6H12O	000066-25-1	72

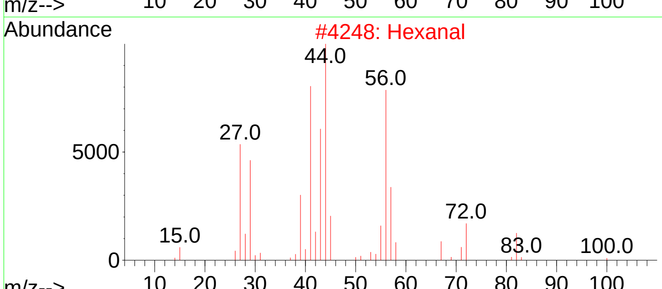


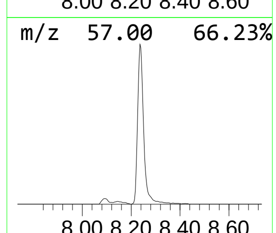


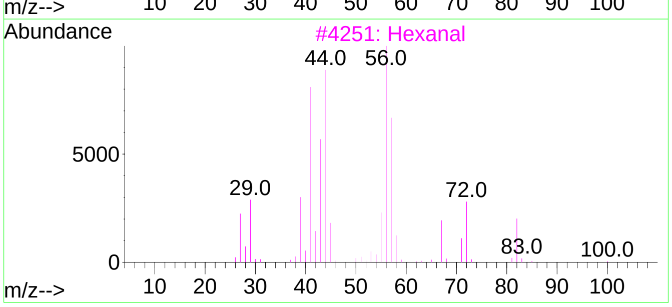


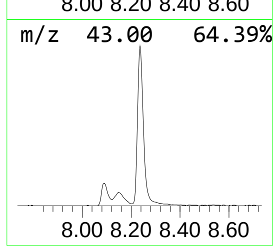












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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On    : 11 Feb 2022  14:04
Operator  : SY/MD
Sample    : N1476-09
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

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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Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

```
*********************************************************************
Peak Number  7  Heptanal                         Concentration Rank  6

  R.T.     EstConc          Area       Relative to ISTD         R.T.
---------------------------------------------------------------------
  9.808    1.59 ug/L       116028   Chlorobenzene-d5            8.853

 Hit# of  5     Tentative ID             MW  MolForm       CAS#       Qual
---------------------------------------------------------------------
 1 Heptanal                             114 C7H14O        000111-71-7 91
 2 Heptanal                             114 C7H14O        000111-71-7 86
 3 Heptanal                             114 C7H14O        000111-71-7 83
 4 Heptanal                             114 C7H14O        000111-71-7 59
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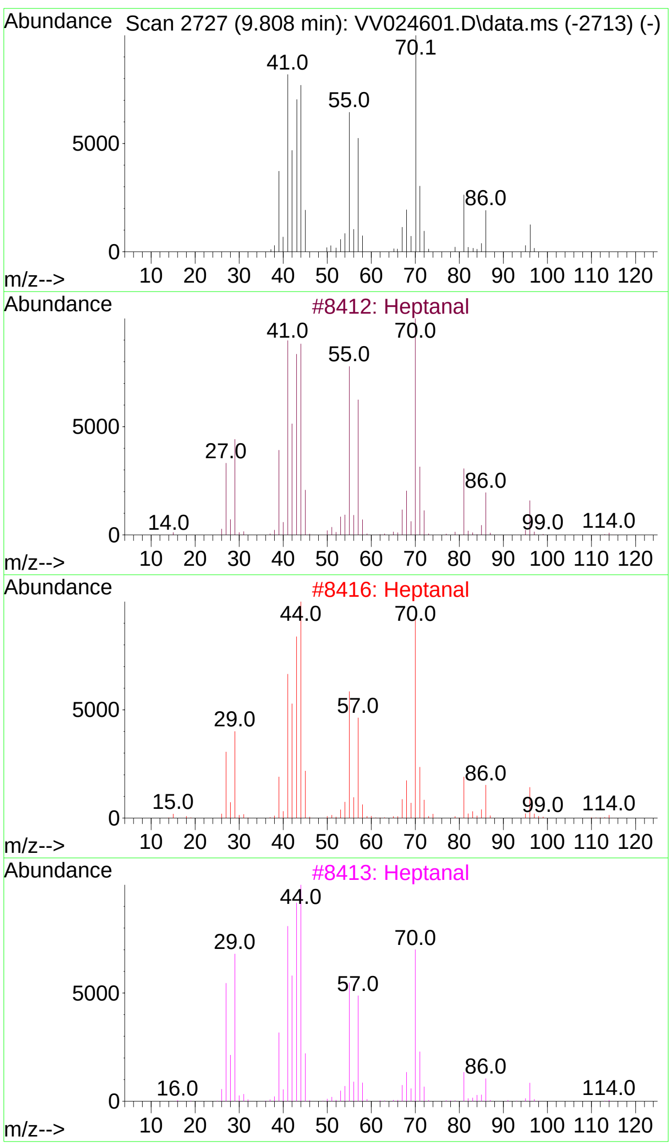

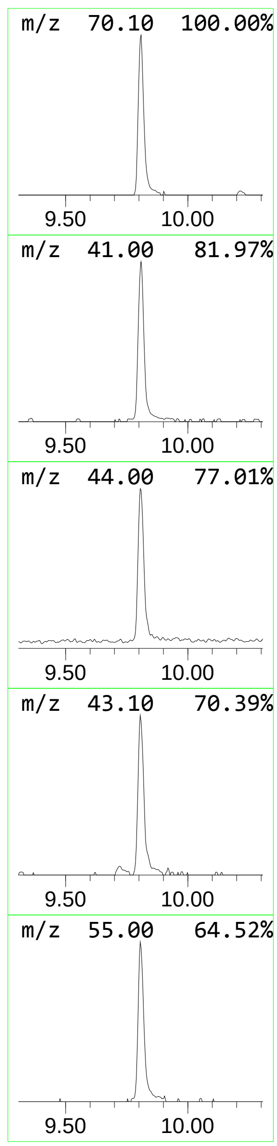

Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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

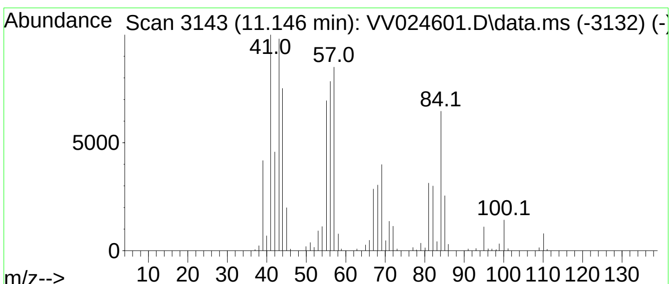
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

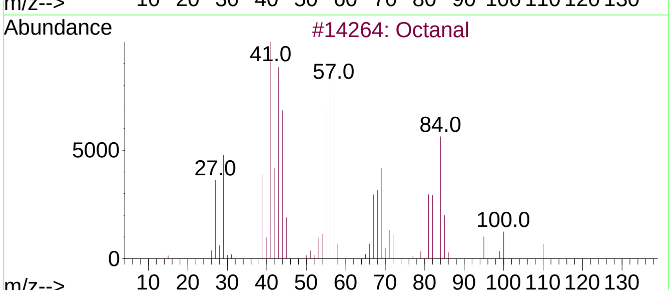
****

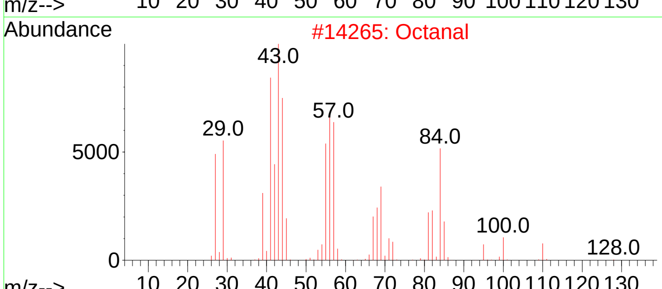
Peak Number 8 Octanal Concentration Rank 3

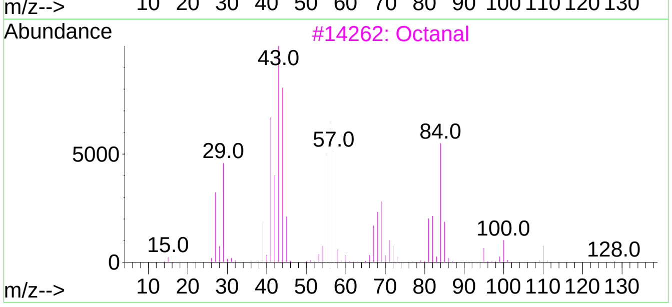
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	4.24 ug/L	334498	1,4-Dichlorobenzene-d4	11.249

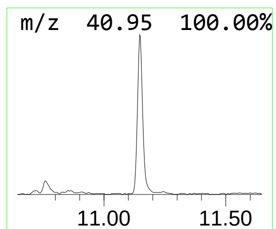
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	90
4	Octanal	128	C8H16O	000124-13-0	86
5	Octanal	128	C8H16O	000124-13-0	86

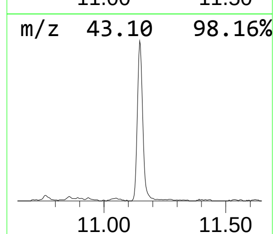


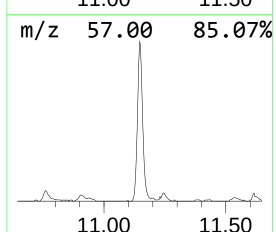


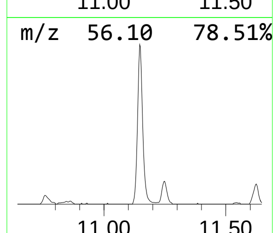


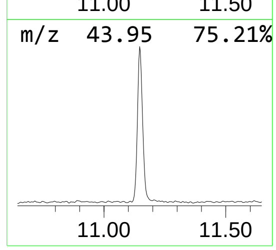












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Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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

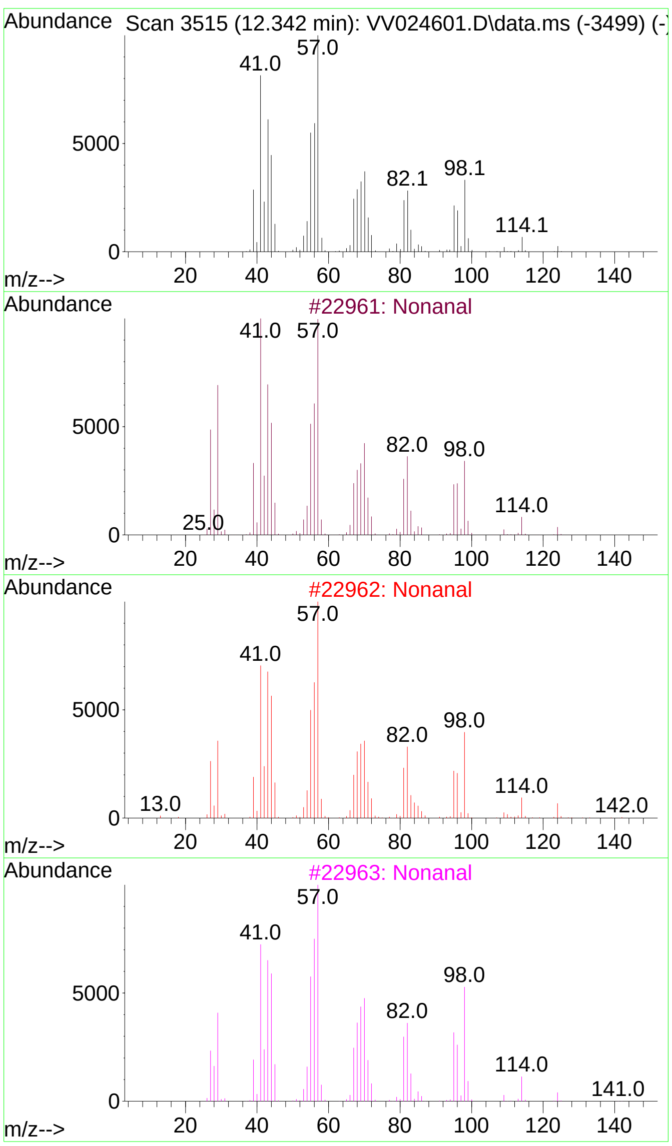
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

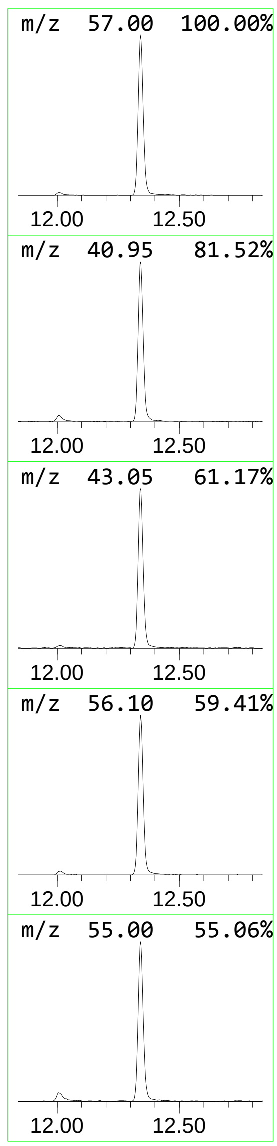
****

Peak Number 9 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	8.73 ug/L	688392	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	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	22





Library Search Compound Report

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On    : 11 Feb 2022  14:04
Operator  : SY/MD
Sample    : N1476-09
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

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
```
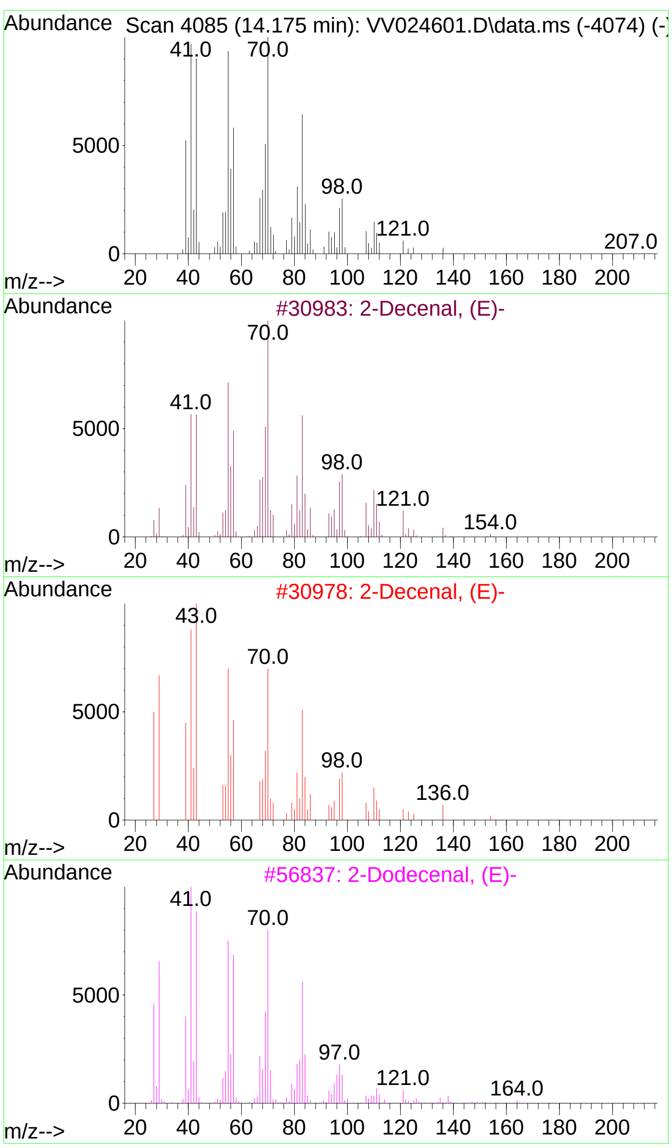
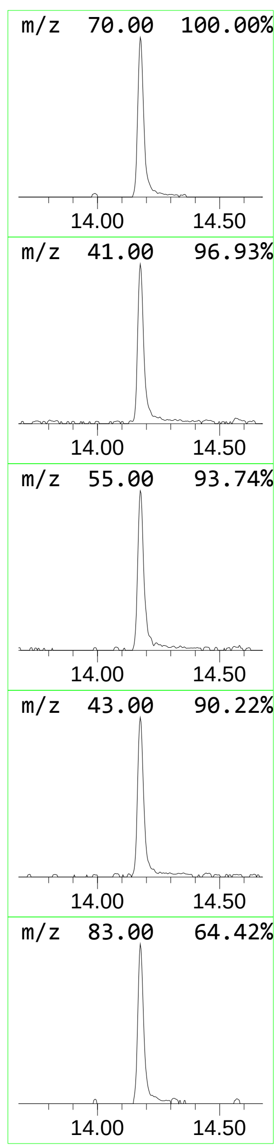

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

```
*********************************************************************
Peak Number 10  2-Decenal, (E)-                  Concentration Rank  4
```

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	2.13 ug/L	168296	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	80
2	2-Decenal, (E)-	154	C10H18O	003913-81-3	64
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
4	2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024601.D
Acq On : 11 Feb 2022 14:04
Operator : SY/MD
Sample : N1476-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ7

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
(DEL) Alkane: S...	1.108	0.8	ug/L	45602	1	5.619	281621	5.0
Propyne	1.179	0.8	ug/L	46965	1	5.619	281621	5.0
(DEL) Alkane: S...	1.809	0.7	ug/L	41942	1	5.619	281621	5.0
Pentanal	6.291	1.0	ug/L	55131	1	5.619	281621	5.0
Hexanal	8.236	6.9	ug/L	507485	2	8.853	365510	5.0
Heptanal	9.808	1.6	ug/L	116028	2	8.853	365510	5.0
Octanal	11.146	4.2	ug/L	334498	3	11.249	394330	5.0
Nonanal	12.342	8.7	ug/L	688392	3	11.249	394330	5.0
2-Decenal, (E)-	14.175	2.1	ug/L	168296	3	11.249	394330	5.0