LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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: VV024600.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	37	rVB	132807	125516	6.84%	1.367%
2	1.179	37	43	47	rBV	45965	43119	2.35%	0.470%
3	1.204	47	51	69	rVB2	54024	55595	3.03%	0.606%
4	1.307	73	83	89	rBV2	112341	160888	8.77%	1.752%
5	1.426	103	120	128	rBV5	16252	34133	1.86%	0.372%
6	1.571	153	165	177	rVB	64408	75801	4.13%	0.826%
7	1.770	219	227	232	rBV	15421	19498	1.06%	0.212%
8	1.809	232	239	248	rVV2	24057	35474	1.93%	0.386%
9	2.111	320	333	346	rBV3	141914	228680	12.46%	2.491%
10	2.770	526	538	555	rVB2	9262	20060	1.09%	0.218%
11	3.912	879	893	932	rBV2	87877	283581	15.45%	3.089%
12	4.352	1014	1030	1059	rBV	83968	216981	11.82%	2.363%
13	5.050	1231	1247	1283	rBV2	186556	474253	25.84%	5.165%
14	5.619	1411	1424	1448	rBV	142712	288939	15.75%	3.147%
15	5.911	1501	1515	1551	rBV	943932	1834997	100.00%	19.986%
16	6.069	1551	1564	1597	rVB	105215	224078	12.21%	2.441%
17	6.294	1625	1634	1663	rBV3	13533	33572	1.83%	0.366%
18	6.989	1837	1850	1877	rBV	56081	107040	5.83%	1.166%
19	7.317	1940	1952	1968	rBV	231700	403462	21.99%	4.394%
20	7.394	1969	1976	1992	rVB	13763	26494	1.44%	0.289%
21	7.625	2038	2048	2070	rBV	31856	58351	3.18%	0.636%
22	7.972	2143	2156	2176	rBV	1039825	1727548	94.14%	18.816%
23	8.088	2182	2192	2228	rBV	218492	419087	22.84%	4.565%
24	8.236	2228	2238	2267	rVV	163813	279984	15.26%	3.050%
25	8.850	2417	2429	2456	rBV	228803	381426	20.79%	4.154%
26	9.143	2508	2520	2535	rBV2	10930	19893	1.08%	0.217%
27	9.808	2718	2727	2745	rBV2	33798	57177	3.12%	0.623%
28	10.214	2844	2853	2869	rBV	66264	104485	5.69%	1.138%
29	10.718	2999	3010	3017	rBV	25940	39176	2.13%	0.427%
30	11.149	3134	3144	3164	rBV2	106976	169986	9.26%	1.851%
31	11.249	3164	3175	3192	rVB	262373	410426	22.37%	4.470%
32	11.622	3281	3291	3314	rVB	204717	334093	18.21%	3.639%
33	12.011	3403	3412	3427	rBV4	10511	19227	1.05%	0.209%
34	12.342	3504	3515	3545	rBV	208689	313161	17.07%	3.411%
35	14.175	4075	4085	4112	rBV	78165	136636	7.45%	1.488%
36	15.146	4381	4387	4398	rVB4	12598	18401	1.00%	0.200%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

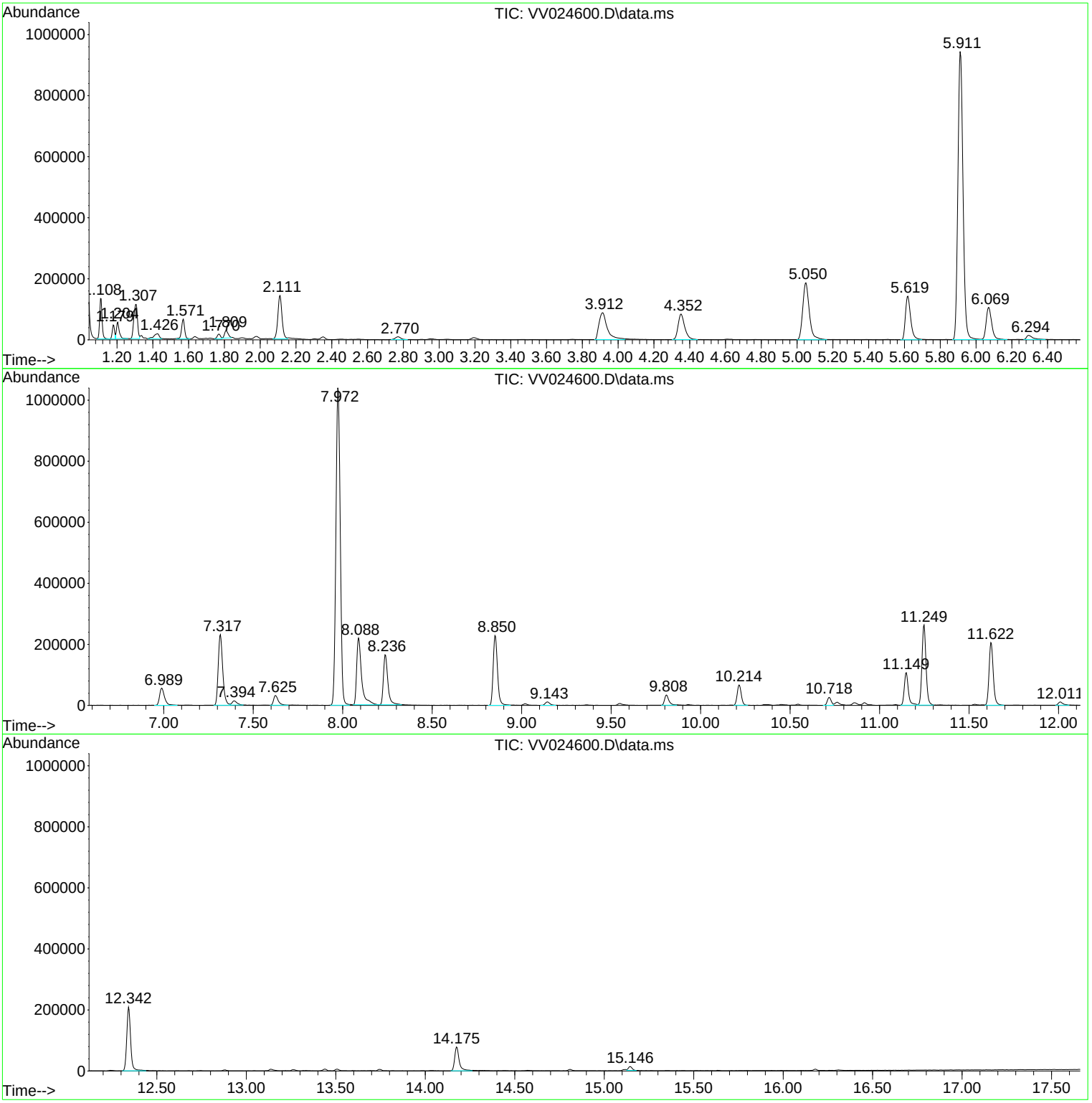
Sum of corrected areas: 9181218

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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 : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

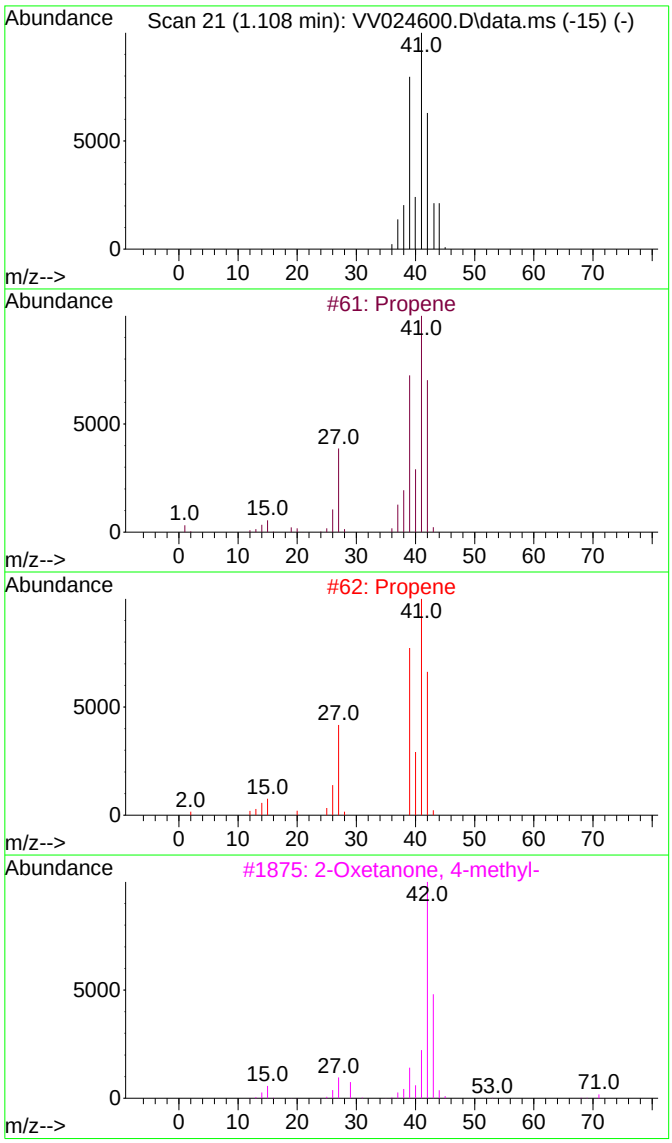
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

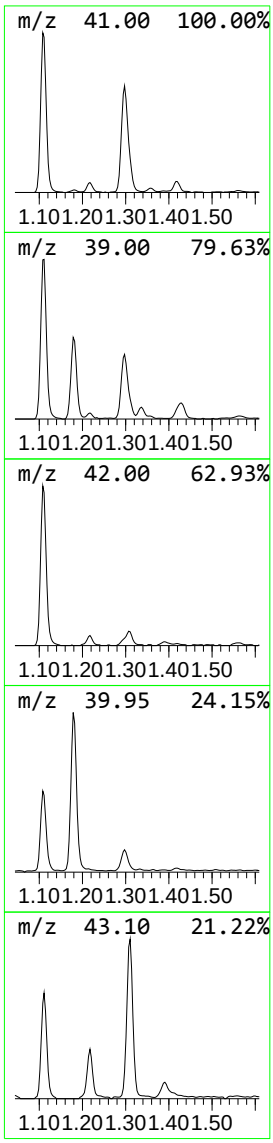
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	2.17 ug/L	125516	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	42
3	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4	Cyclopropane	42	C3H6	000075-19-4	9
5	Cyclopropene	40	C3H4	002781-85-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

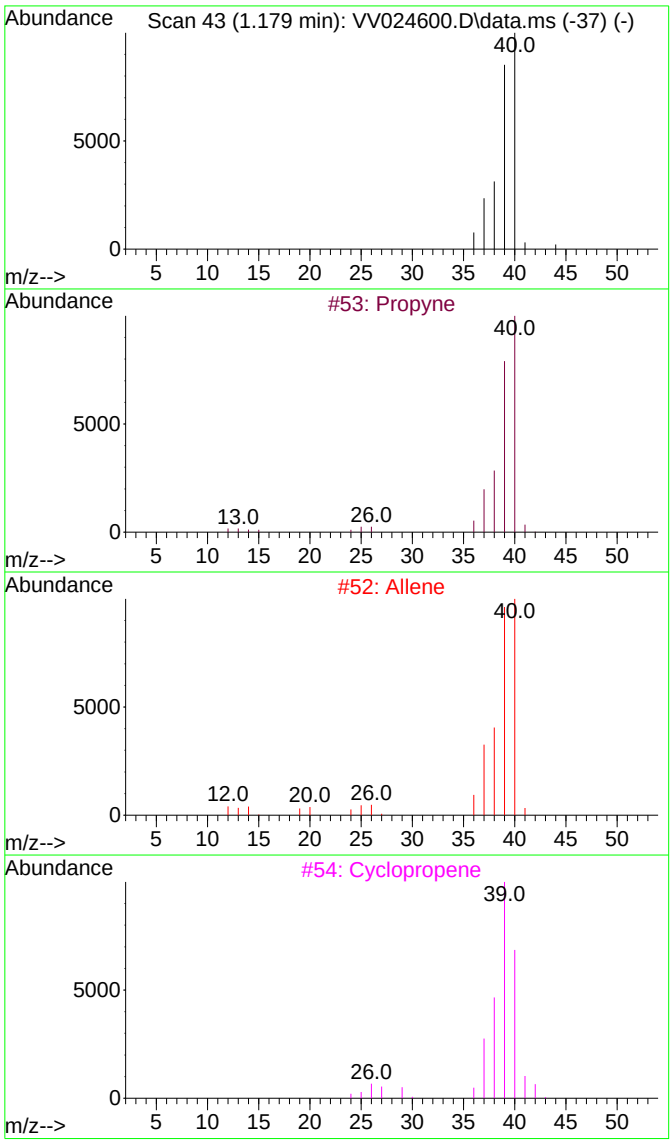
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

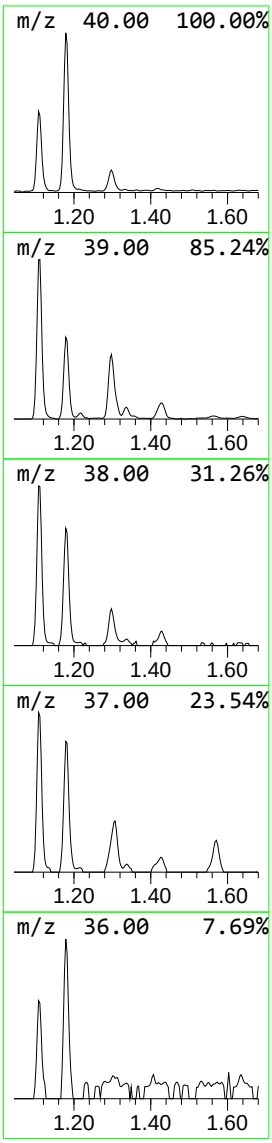
****

Peak Number 2 Propyne Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.179	0.75 ug/L	43119	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

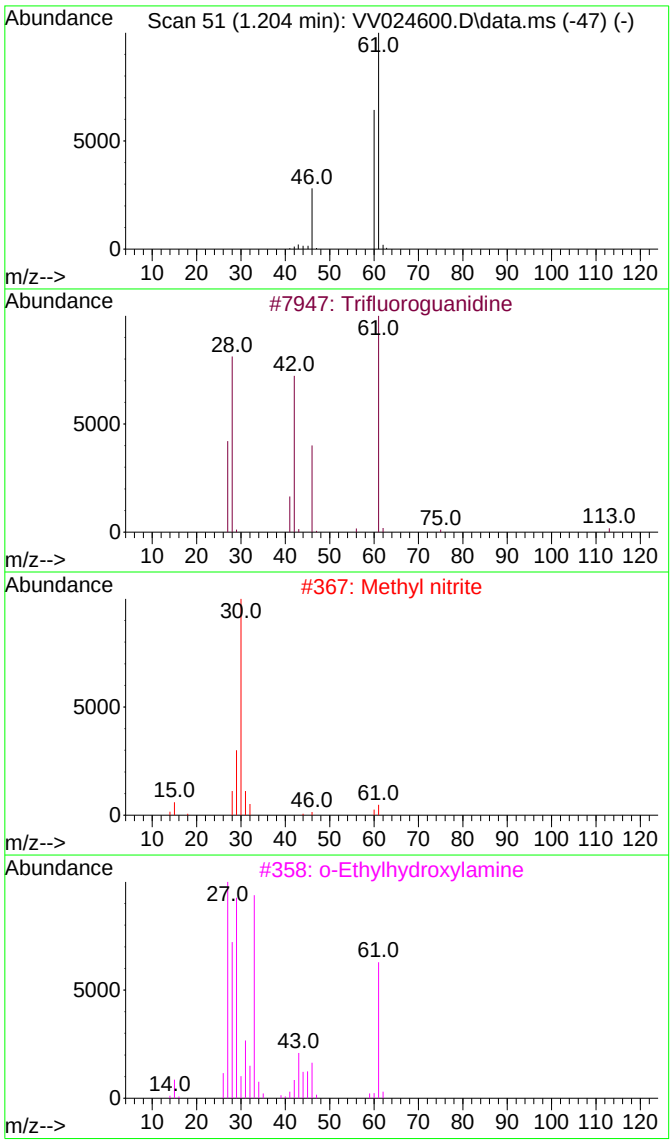
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

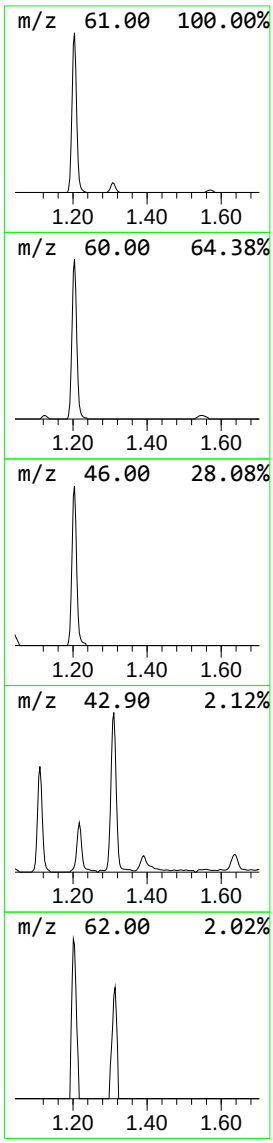
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.204	0.96 ug/L	55595	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroguanidine	113	CH2F3N3	037950-72-4	9
2	Methyl nitrite	61	CH3NO2	000624-91-9	5
3	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
4	Thiirane	60	C2H4S	000420-12-2	4
5	Carbonyl sulfide	60	COS	000463-58-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

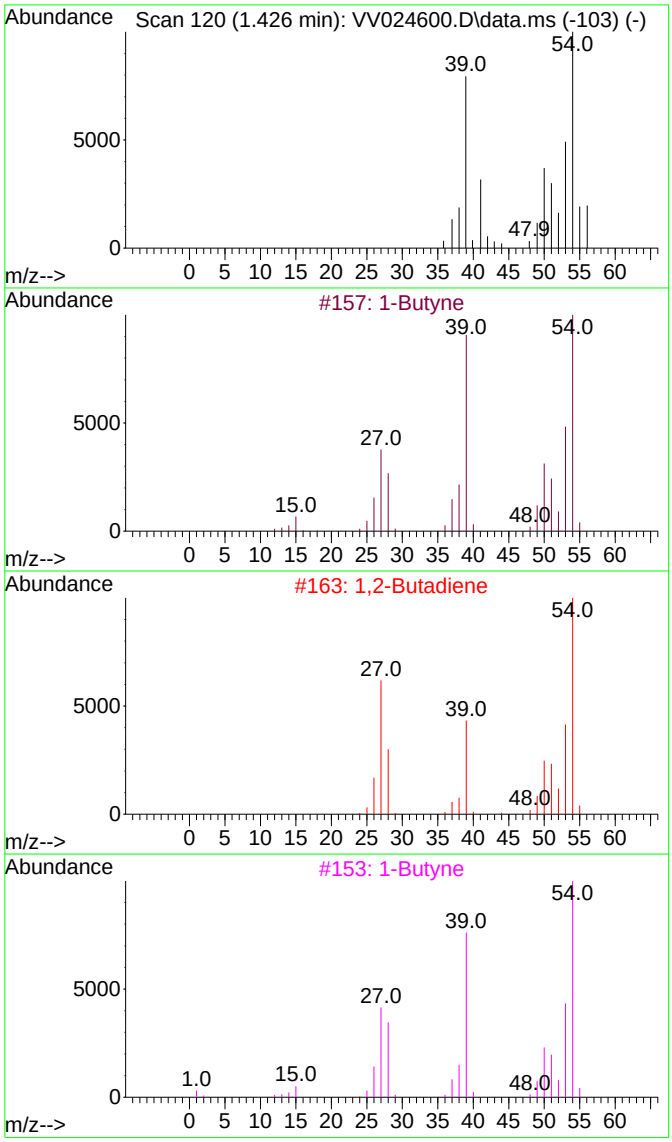
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

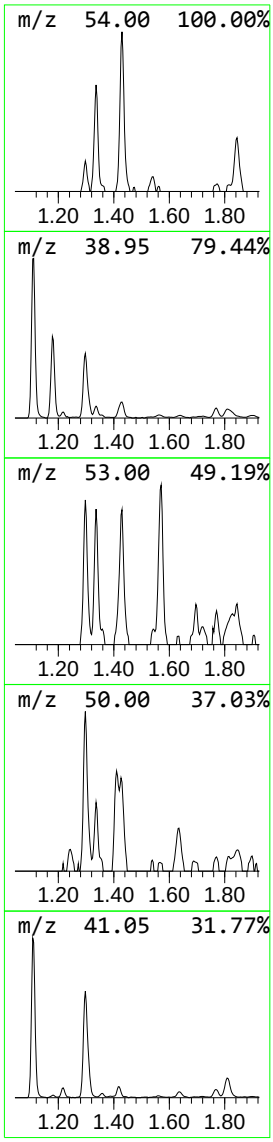
****

Peak Number 4 1-Butyne Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.426	0.59 ug/L	34133	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne	54	C4H6	000107-00-6	90
2	1,2-Butadiene	54	C4H6	000590-19-2	87
3	1-Butyne	54	C4H6	000107-00-6	86
4	1,3-Butadiene	54	C4H6	000106-99-0	72
5	1-Methylcyclopropene	54	C4H6	003100-04-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

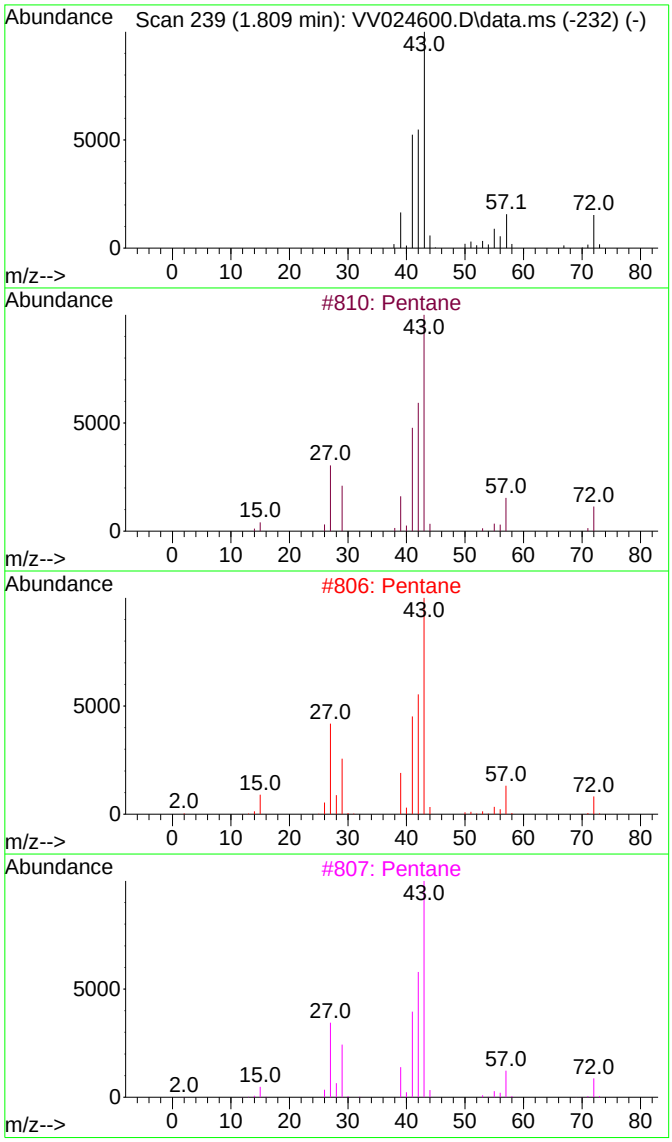
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

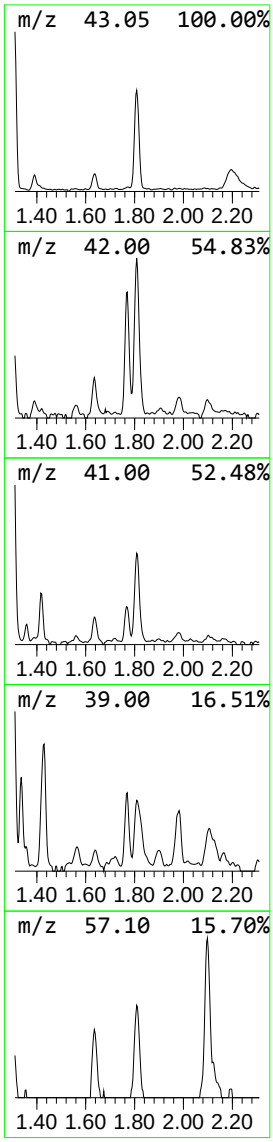
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.809	0.61 ug/L	35474	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	78
4	Pentane	72	C5H12	000109-66-0	64
5	3-Buten-1-ol	72	C4H8O	000627-27-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

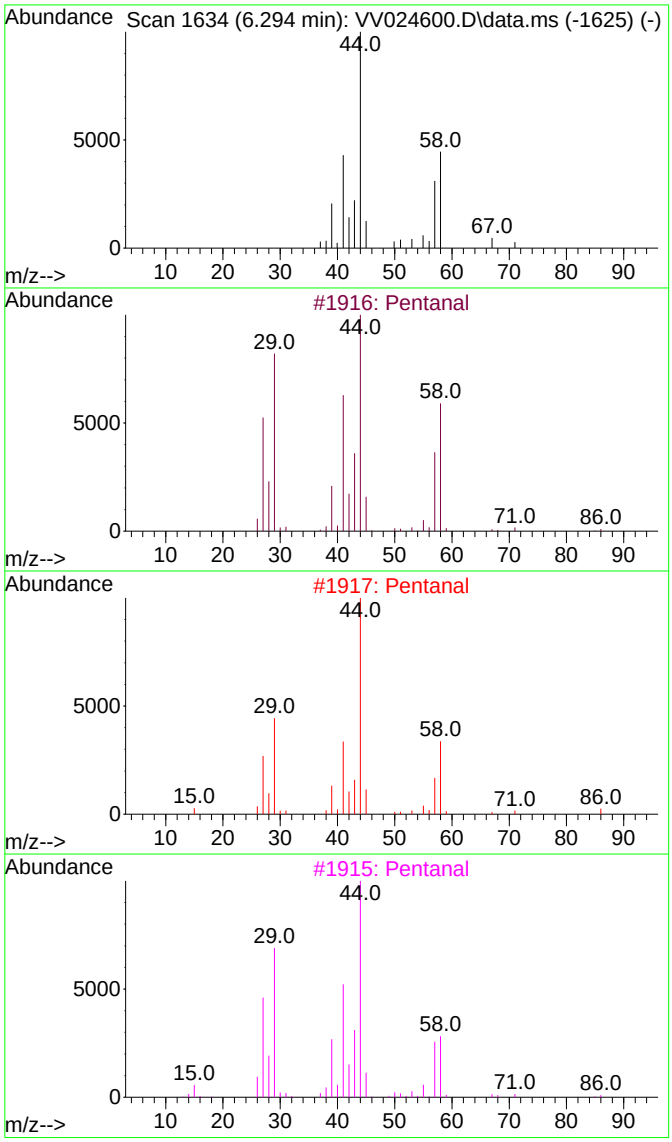
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

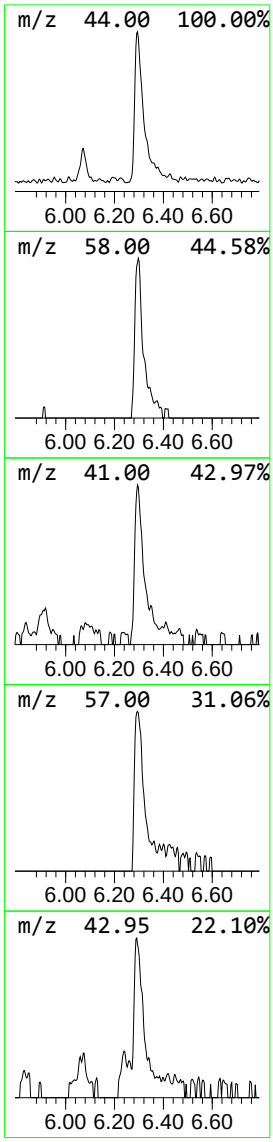
****

Peak Number 6 Pentanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.294	0.58 ug/L	33572	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	78
2	Pentanal	86	C5H10O	000110-62-3	72
3	Pentanal	86	C5H10O	000110-62-3	64
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	33
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

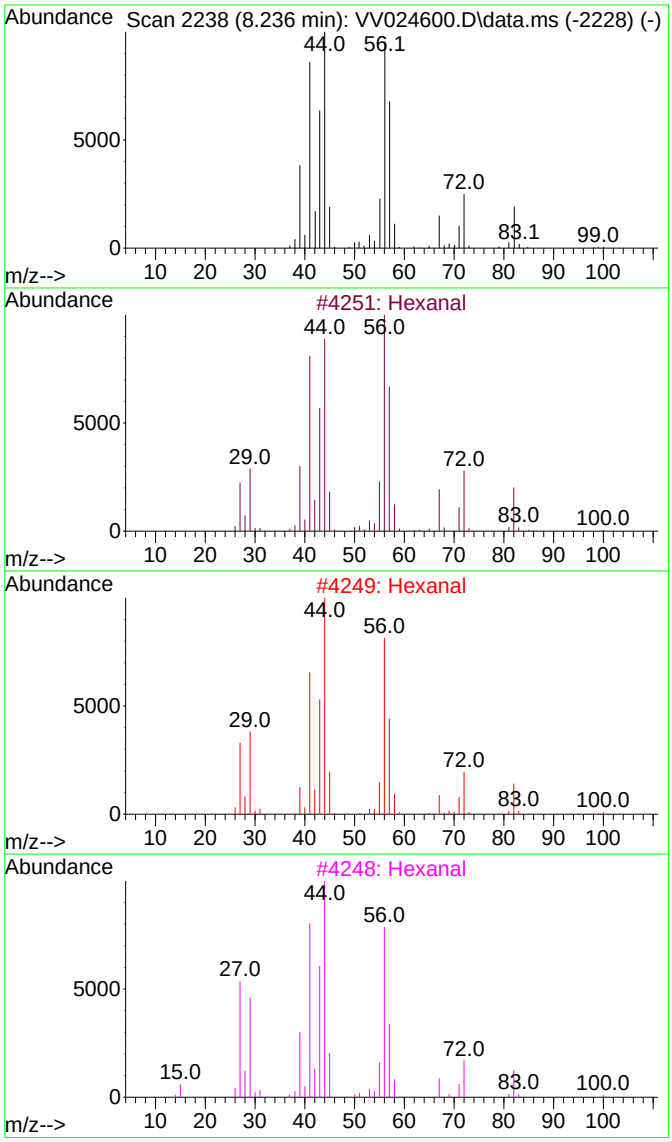
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

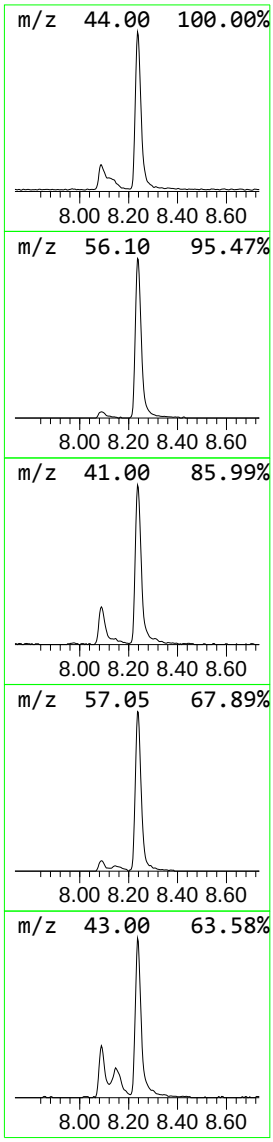
****

Peak Number 8 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	3.67 ug/L	279984	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	72
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	64
5	Hexanal	100	C6H12O	000066-25-1	43





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Data File : VV024600.D
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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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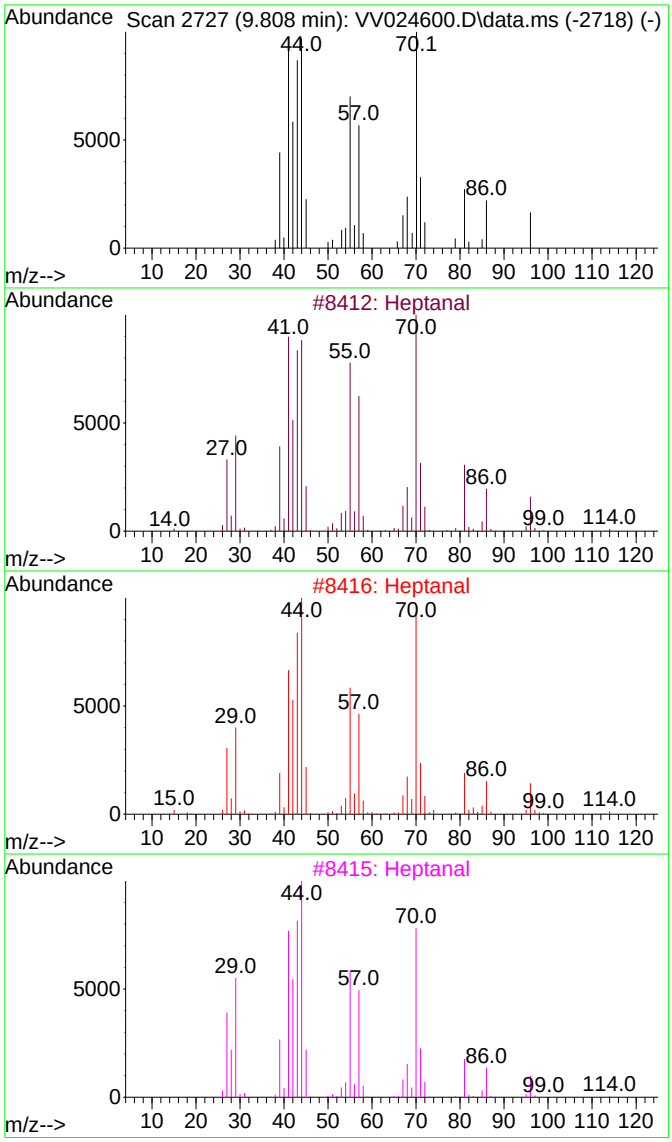
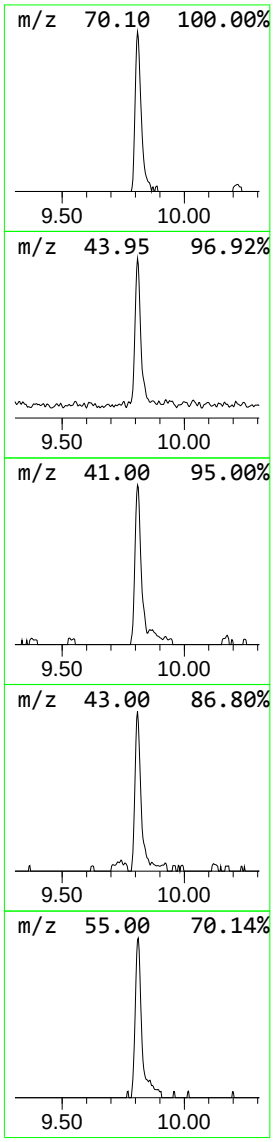
Peak Number 9 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.808	0.75 ug/L	57177	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	83
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	80
5	Heptanal	114	C7H14O	000111-71-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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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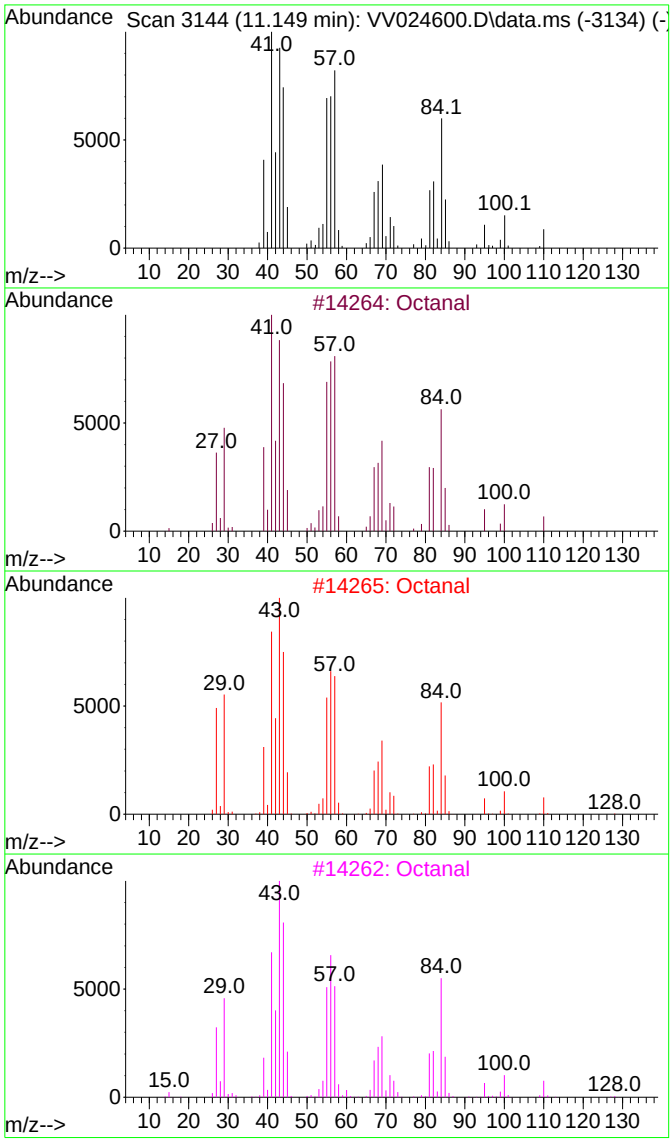
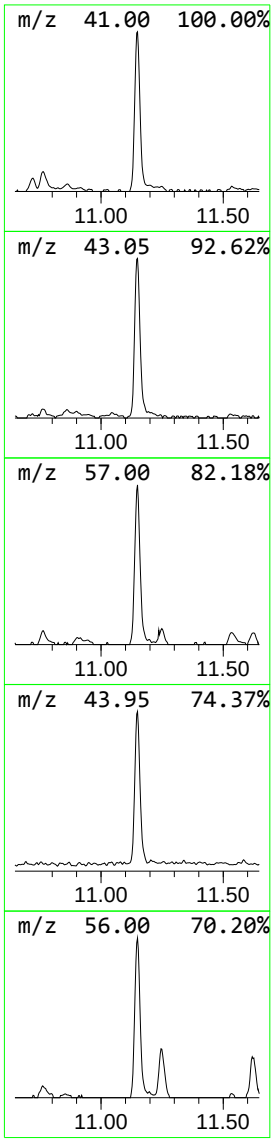
Peak Number 10 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	2.07 ug/L	169986	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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

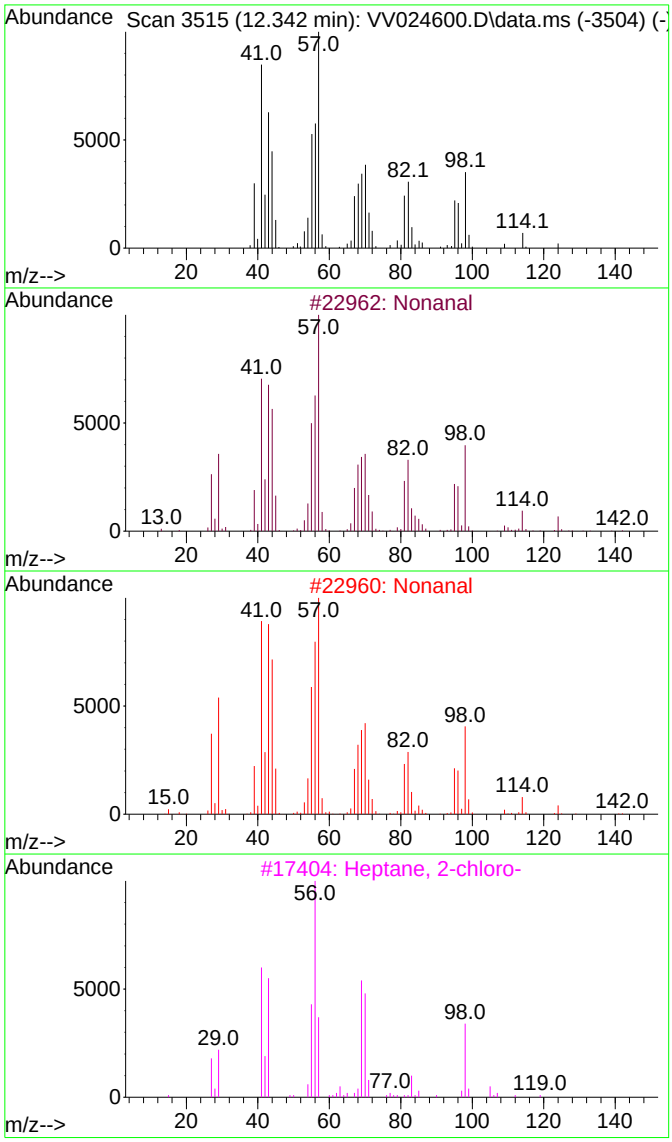
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

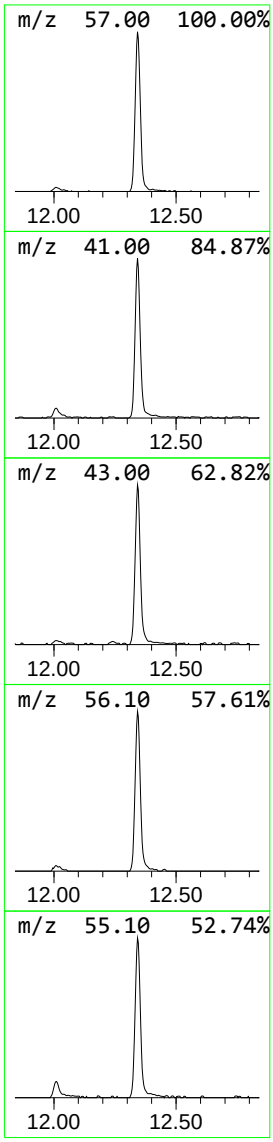
****

Peak Number 11 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	3.82 ug/L	313161	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	90
3	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27
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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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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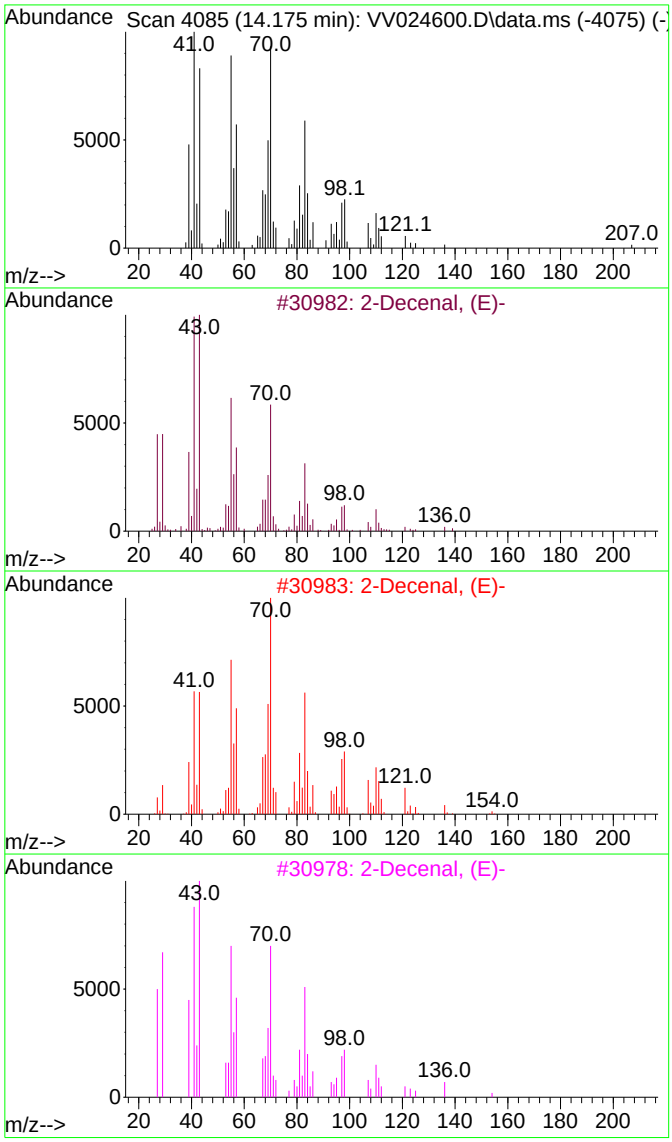
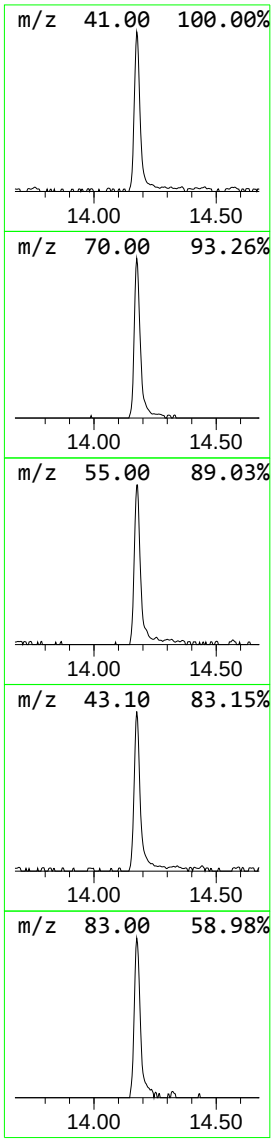
Peak Number 12 2-Decenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	1.66 ug/L	136636	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-Decenal, (E)-	154	C10H18O	003913-81-3	86
3	2-Decenal, (E)-	154	C10H18O	003913-81-3	80
4	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
5	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021122\
Data File : VV024600.D
Acq On : 11 Feb 2022 13:41
Operator : SY/MD
Sample : N1476-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6

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	2.2	ug/L	125516	1	5.619	288939	5.0
Propyne	1.179	0.8	ug/L	43119	1	5.619	288939	5.0
unknown-01	1.204	1.0	ug/L	55595	1	5.619	288939	5.0
1-Butyne	1.426	0.6	ug/L	34133	1	5.619	288939	5.0
(DEL) Alkane: S...	1.809	0.6	ug/L	35474	1	5.619	288939	5.0
Pentanal	6.294	0.6	ug/L	33572	1	5.619	288939	5.0
Hexanal	8.236	3.7	ug/L	279984	2	8.850	381426	5.0
Heptanal	9.808	0.8	ug/L	57177	2	8.850	381426	5.0
Octanal	11.149	2.1	ug/L	169986	3	11.249	410426	5.0
Nonanal	12.342	3.8	ug/L	313161	3	11.249	410426	5.0
2-Decenal, (E)-	14.175	1.7	ug/L	136636	3	11.249	410426	5.0