LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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: VV024574.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	30	rVB	29058	26228	1.75%	0.262%
2	1.179	37	43	49	rBV	19880	18424	1.23%	0.184%
3	1.214	49	54	65	rVV	33077	30558	2.04%	0.305%
4	1.304	73	82	93	rBV2	95528	108927	7.27%	1.089%
5	1.426	104	120	129	rBV6	8178	22710	1.51%	0.227%
6	1.568	156	164	174	rBV	72586	82329	5.49%	0.823%
7	1.806	231	238	249	rVB	55553	69791	4.66%	0.698%
8	2.108	320	332	353	rBV2	187939	310740	20.73%	3.106%
9	3.912	881	893	924	rBV2	28511	118649	7.92%	1.186%
10	4.352	1010	1030	1061	rBV	94791	252450	16.84%	2.523%
11	5.047	1231	1246	1279	rBV2	209770	526083	35.09%	5.258%
12	5.616	1411	1423	1451	rBV	164698	335859	22.41%	3.357%
13	5.915	1504	1516	1532	rBV10	7271	17100	1.14%	0.171%
14	6.069	1552	1564	1585	rBV	119758	247257	16.49%	2.471%
15	6.285	1622	1631	1653	rBV	87046	176712	11.79%	1.766%
16	6.989	1838	1850	1872	rBV	64310	120649	8.05%	1.206%
17	7.317	1940	1952	1970	rBV	266506	472247	31.50%	4.720%
18	7.397	1970	1977	1992	rVB	7723	16445	1.10%	0.164%
19	7.625	2037	2048	2068	rBV	35757	65838	4.39%	0.658%
20	7.973	2140	2156	2182	rBV	654387	1087118	72.52%	10.865%
21	8.088	2182	2192	2225	rBV	218766	440984	29.42%	4.407%
22	8.236	2226	2238	2273	rBV	913178	1499034	100.00%	14.982%
23	8.850	2419	2429	2448	rBV	262998	431928	28.81%	4.317%
24	9.805	2716	2726	2753	rBV	206054	328672	21.93%	3.285%
25	10.214	2842	2853	2867	rBV	68200	110063	7.34%	1.100%
26	10.718	2998	3010	3016	rBV2	15524	23262	1.55%	0.232%
27	10.757	3016	3022	3038	rVB2	26164	42622	2.84%	0.426%
28	11.146	3132	3143	3164	rBV	435451	641026	42.76%	6.407%
29	11.246	3164	3174	3193	rVB	303458	469188	31.30%	4.689%
30	11.622	3280	3291	3307	rBV	235747	367470	24.51%	3.673%
31	12.005	3400	3410	3430	rBV2	52101	95693	6.38%	0.956%
32	12.339	3503	3514	3533	rBV	564095	819285	54.65%	8.188%
33	13.133	3745	3761	3777	rBV3	25988	45754	3.05%	0.457%
34	14.175	4071	4085	4111	rBV	298183	465513	31.05%	4.653%
35	14.805	4271	4281	4291	rBV	19288	31859	2.13%	0.318%
36	15.146	4377	4387	4406	rVB2	51947	87115	5.81%	0.871%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

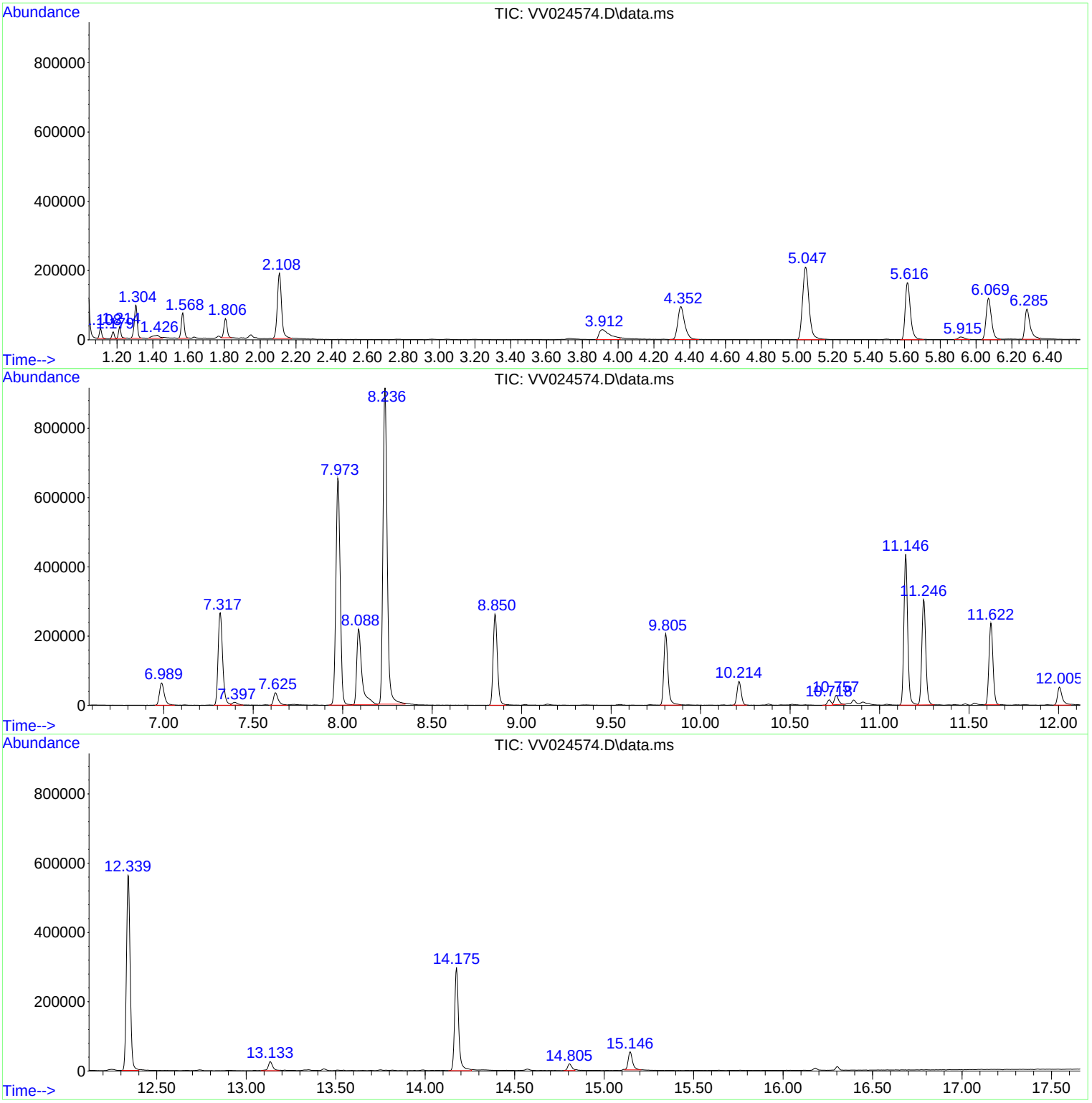
Sum of corrected areas: 10005582

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

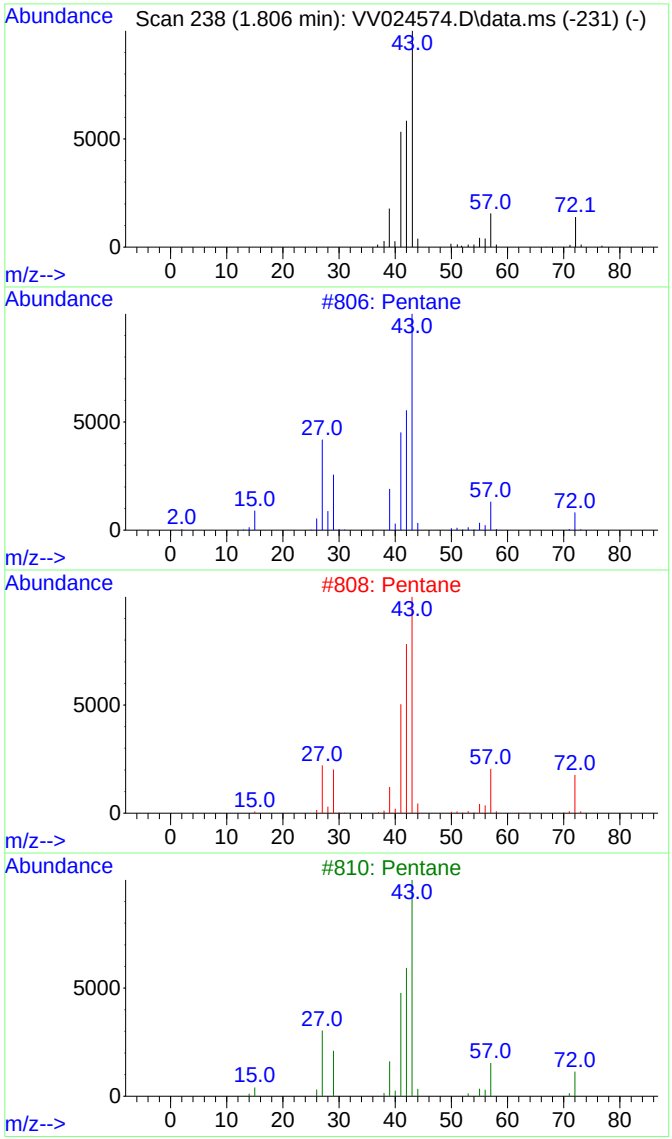
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

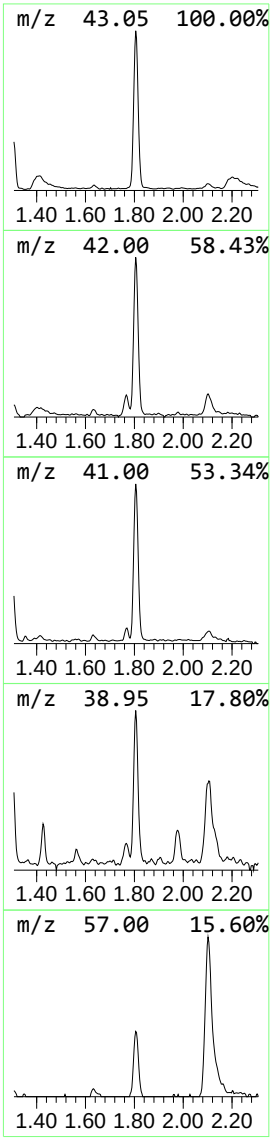
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.806	1.04 ug/L	69791	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	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	86
5	Pentane	72	C5H12	000109-66-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

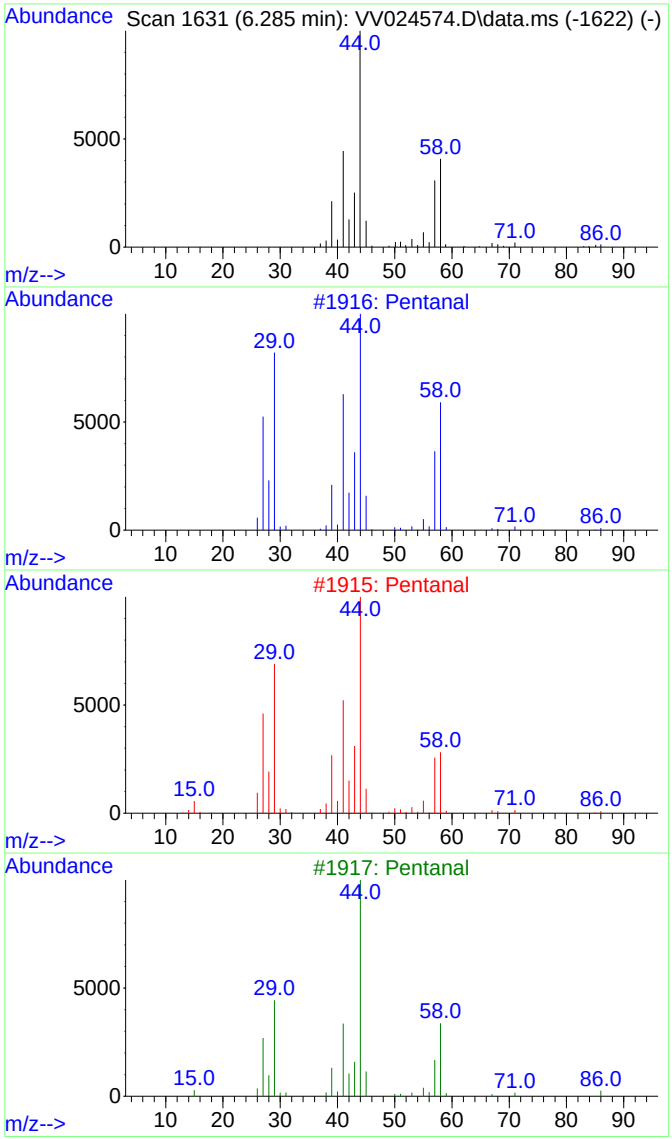
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

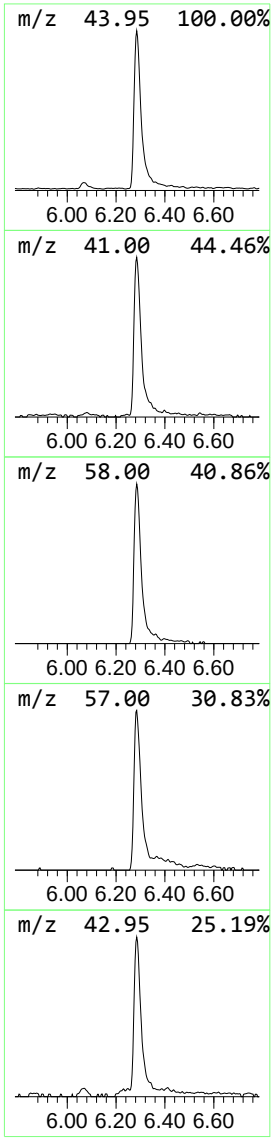
****

Peak Number 2 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.285	2.63 ug/L	176712	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	91
2	Pentanal	86	C5H10O	000110-62-3	90
3	Pentanal	86	C5H10O	000110-62-3	83
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\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

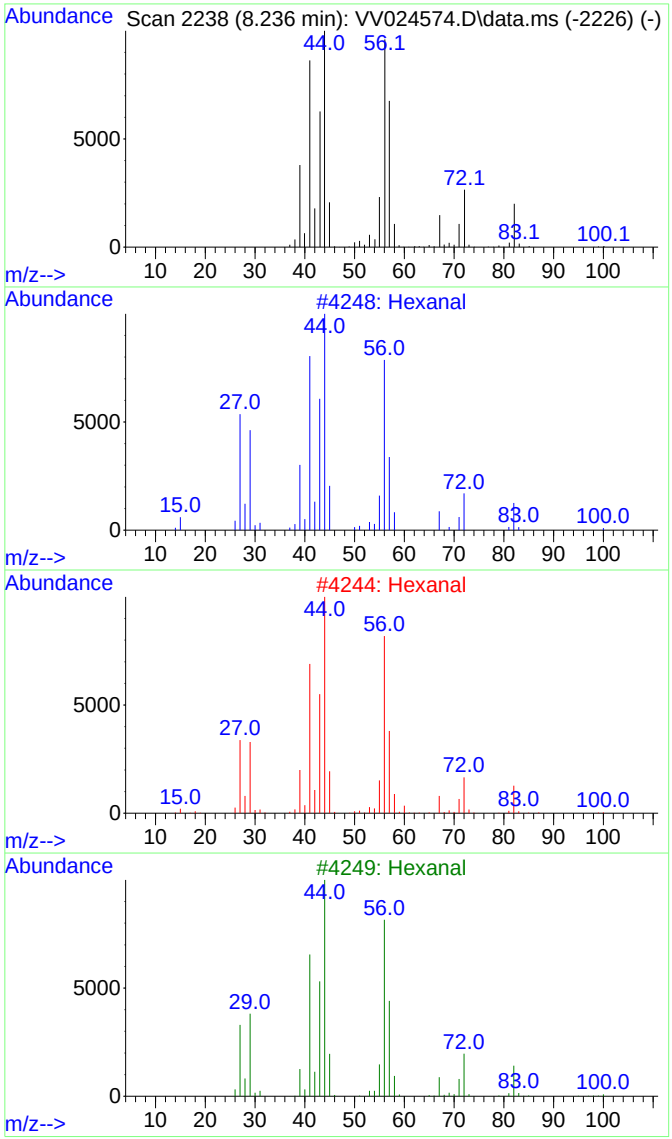
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

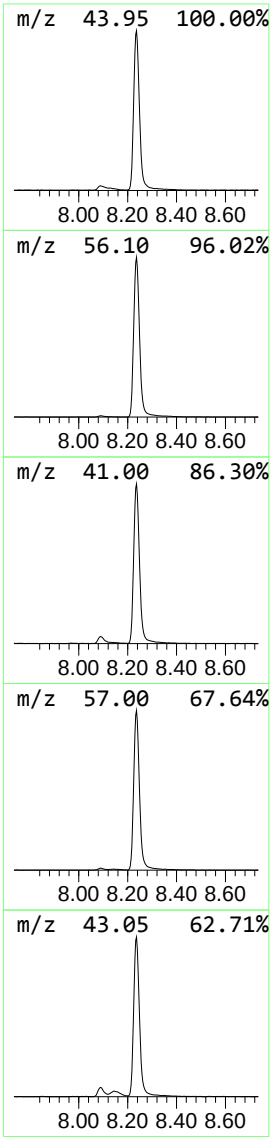
****

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	17.35 ug/L	1499030	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Hexanal	100	C6H12O	000066-25-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

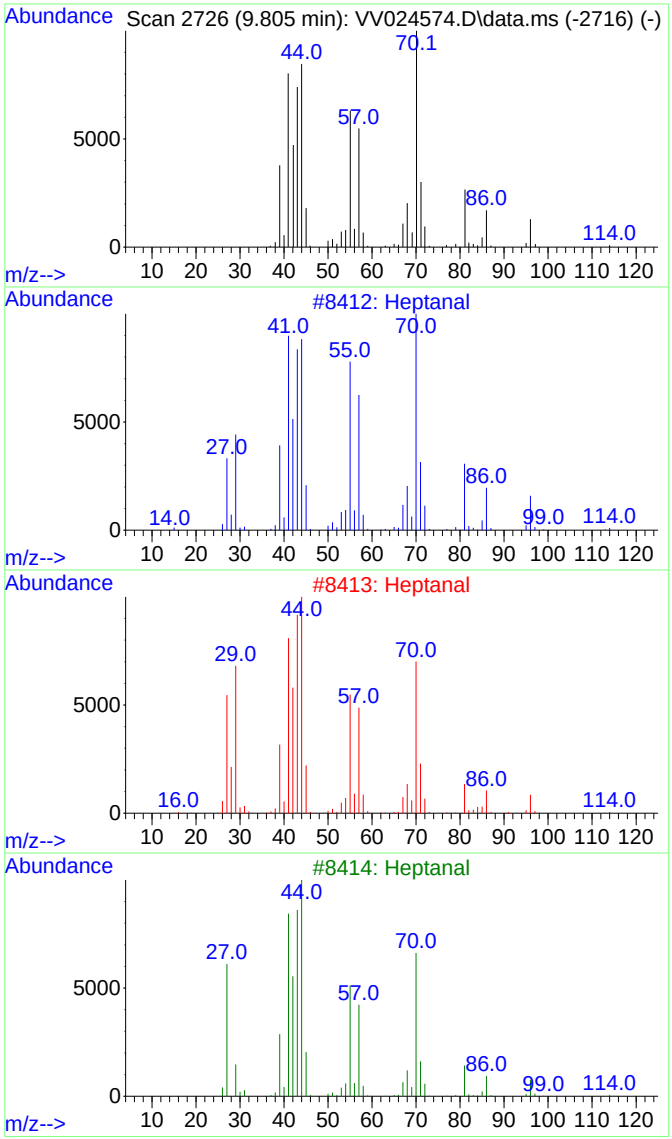
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

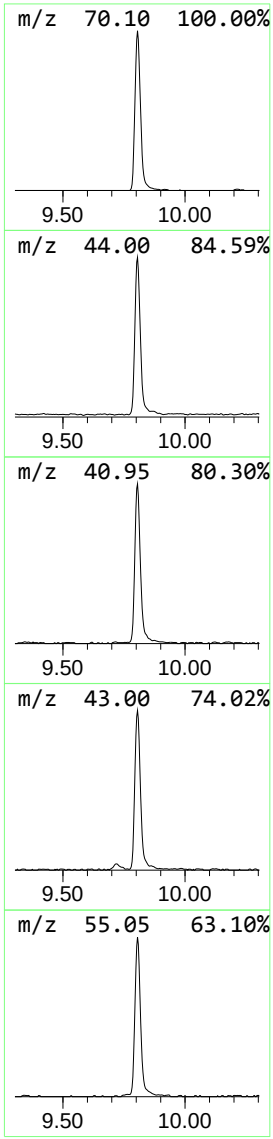
****

Peak Number 5 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.805	3.80 ug/L	328672	Chlorobenzene-d5	8.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	98
2	Heptanal	114	C7H14O	000111-71-7	96
3	Heptanal	114	C7H14O	000111-71-7	95
4	Heptanal	114	C7H14O	000111-71-7	70
5	Heptanal	114	C7H14O	000111-71-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

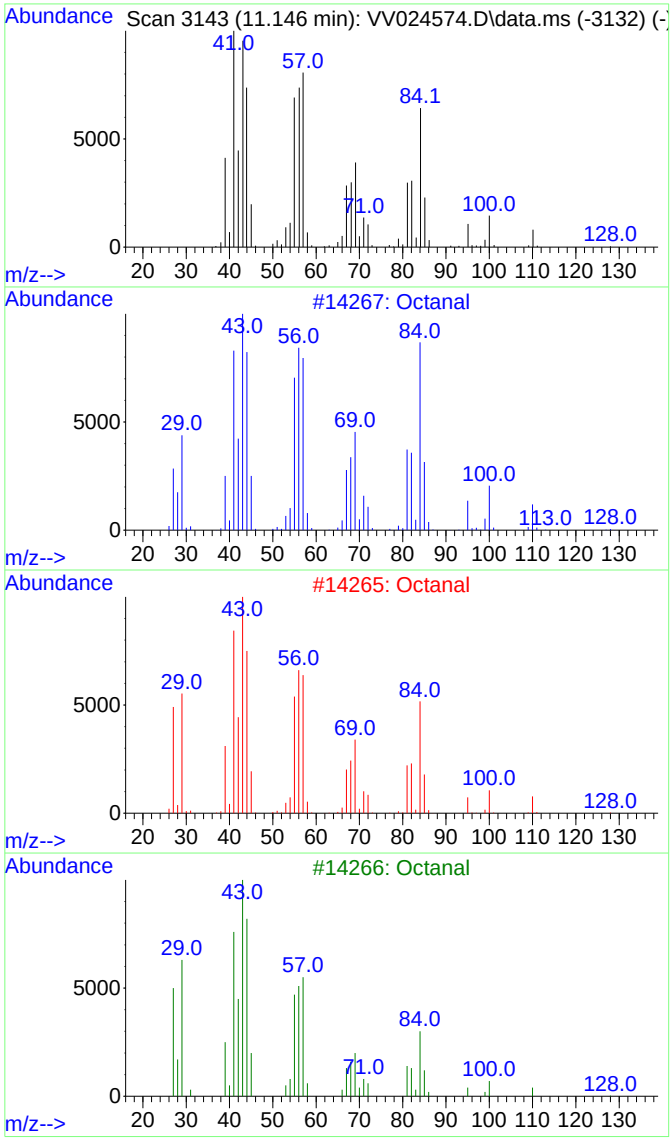
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

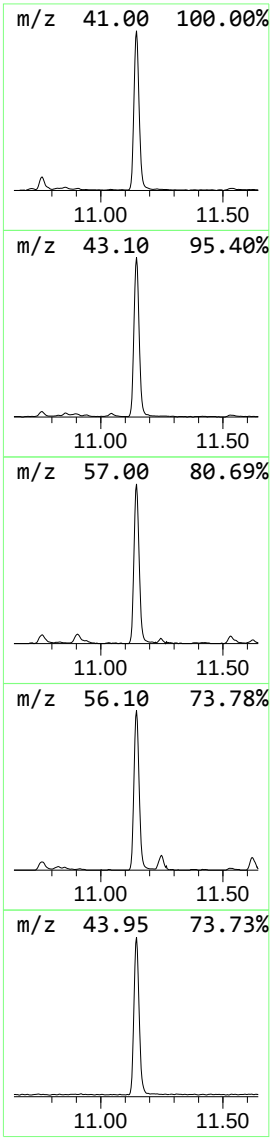
****

Peak Number 6 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	6.83 ug/L	641026	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	97
2	Octanal	128	C8H16O	000124-13-0	97
3	Octanal	128	C8H16O	000124-13-0	95
4	Octanal	128	C8H16O	000124-13-0	93
5	Octanal	128	C8H16O	000124-13-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

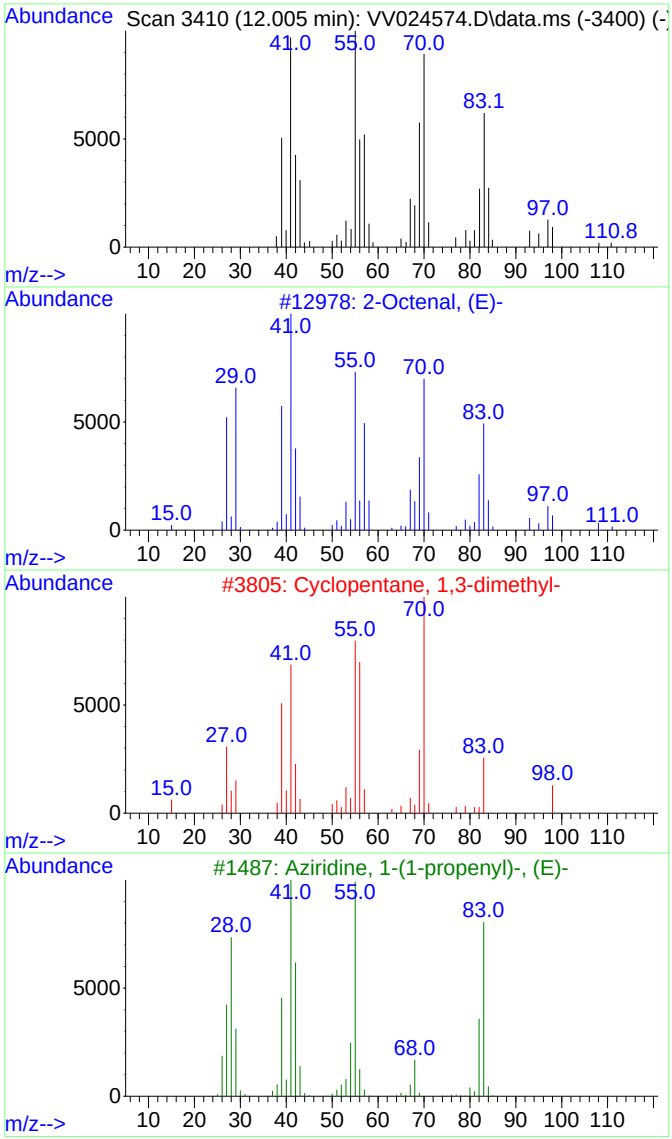
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

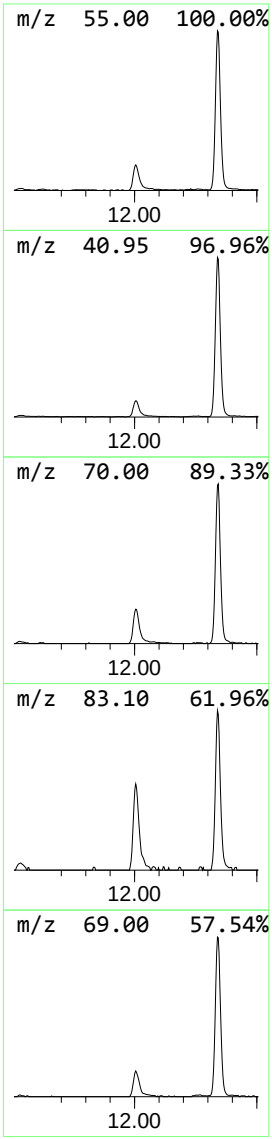
****

Peak Number 7 2-Octenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	1.02 ug/L	95693	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	64
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43
3	Aziridine, 1-(1-propenyl)-, (E)-	83	C5H9N	080839-91-4	38
4	2-Pentene	70	C5H10	000109-68-2	27
5	2-Pentene, (E)-	70	C5H10	000646-04-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

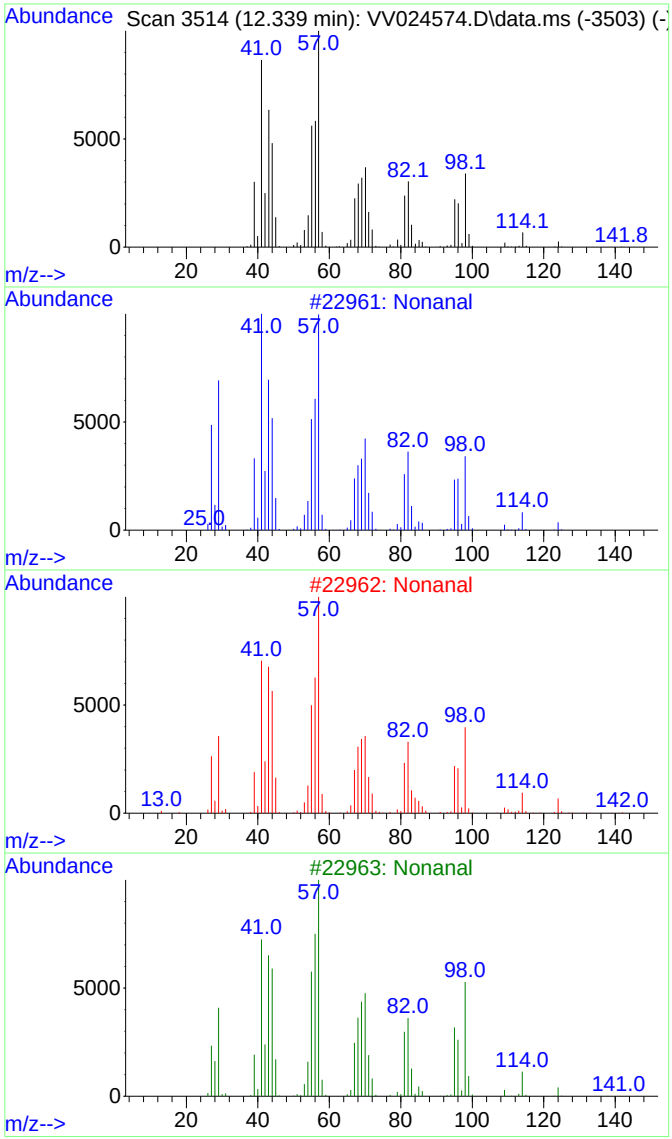
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

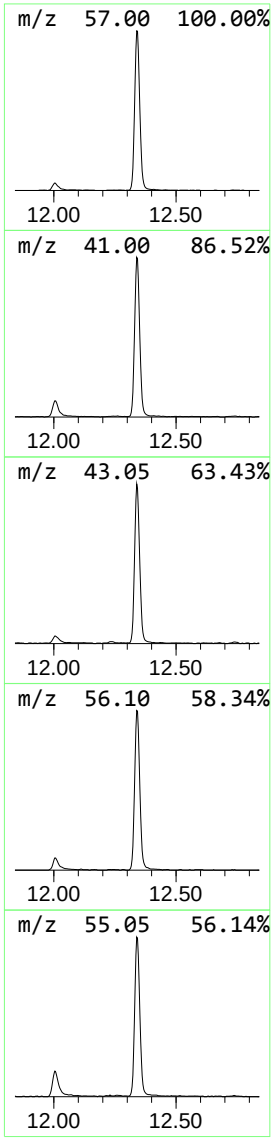
****

Peak Number 8 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	8.73 ug/L	819285	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	2-Nonen-1-ol	142	C9H18O	022104-79-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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

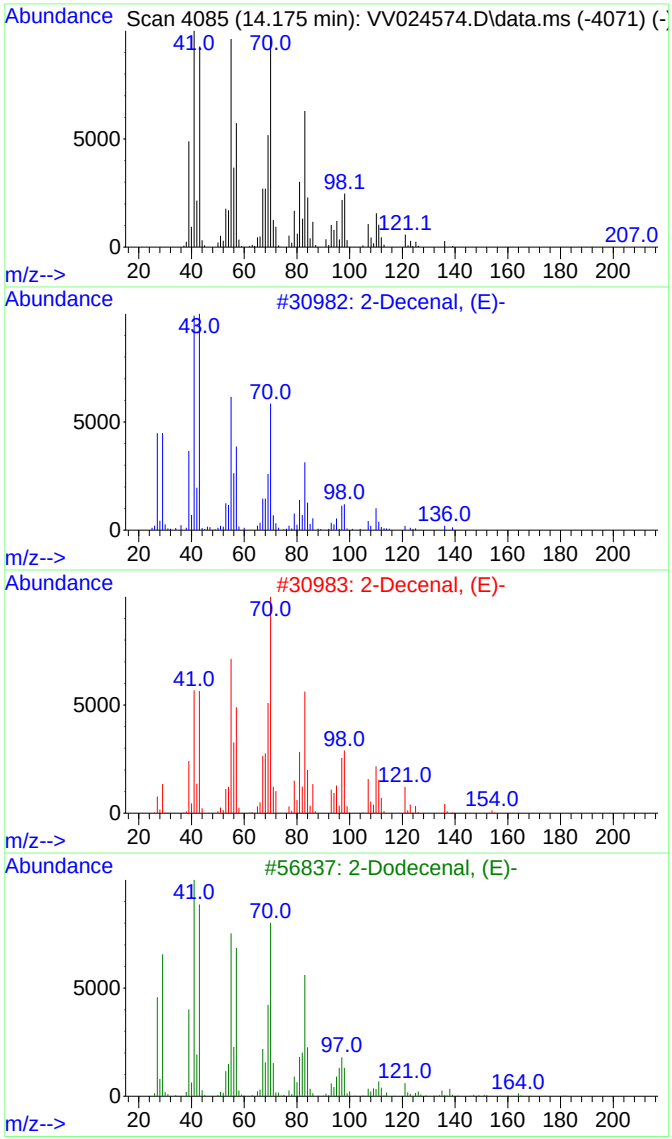
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

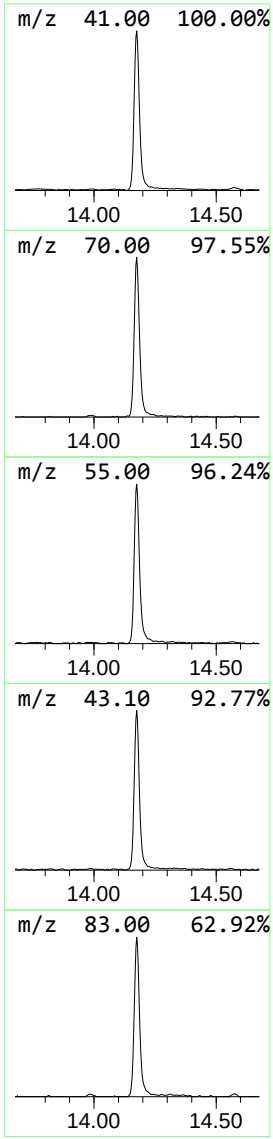
****

Peak Number 9 2-Decenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	4.96 ug/L	465513	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	90
3	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	60
5	2-Decenal, (E)-	154	C10H18O	003913-81-3	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

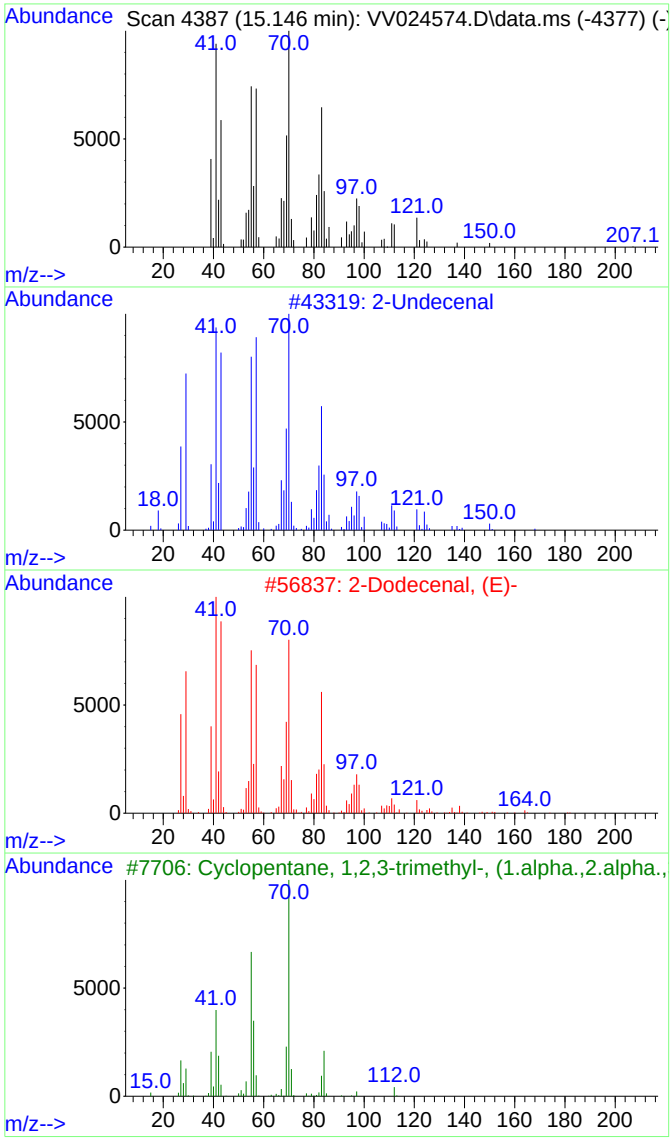
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

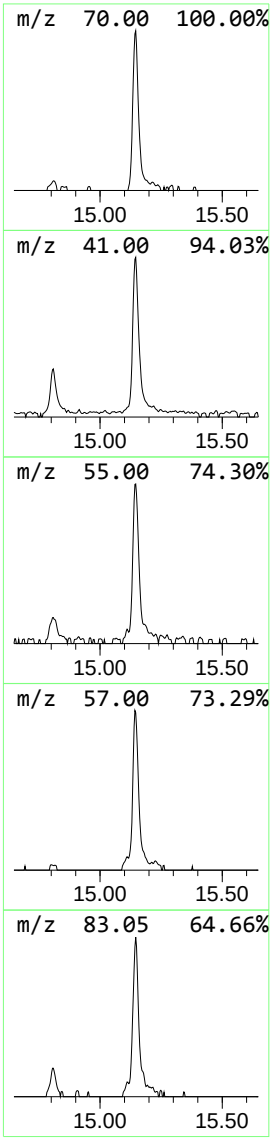
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Undecenal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.146	0.93 ug/L	87115	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecenal	168	C11H20O	002463-77-6	86
2	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	47
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	38
5	1-Heptacosanol	396	C27H56O	002004-39-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024574.D
Acq On : 10 Feb 2022 17:39
Operator : SY/MD
Sample : N1476-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ3

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...	1.806	1.0	ug/L	69791	1	5.619	335859	5.0
Pentanal	6.285	2.6	ug/L	176712	1	5.619	335859	5.0
Hexanal	8.236	17.4	ug/L	1499030	2	8.850	431928	5.0
Heptanal	9.805	3.8	ug/L	328672	2	8.850	431928	5.0
Octanal	11.146	6.8	ug/L	641026	3	11.246	469188	5.0
2-Octenal, (E)-	12.005	1.0	ug/L	95693	3	11.246	469188	5.0
Nonanal	12.339	8.7	ug/L	819285	3	11.246	469188	5.0
2-Decenal, (E)-	14.175	5.0	ug/L	465513	3	11.246	469188	5.0
2-Undecenal	15.146	0.9	ug/L	87115	3	11.246	469188	5.0