LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 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: VV024575.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	9486	8792	1.75%	0.156%
2	1.179	38	43	50	rVB	5852	5472	1.09%	0.097%
3	1.217	50	55	60	rBV	6613	6289	1.25%	0.112%
4	1.307	75	83	97	rVB	80399	84119	16.72%	1.492%
5	1.404	103	113	126	rBV2	10070	25072	4.98%	0.445%
6	1.571	157	165	174	rBV	69567	78658	15.63%	1.395%
7	1.809	233	239	248	rVB	5062	6571	1.31%	0.117%
8	2.108	321	332	348	rBV2	153728	237319	47.16%	4.209%
9	2.191	352	358	379	rVB2	5139	14689	2.92%	0.261%
10	3.201	661	672	684	rBV5	2356	5033	1.00%	0.089%
11	3.722	821	834	858	rBV4	7812	24107	4.79%	0.428%
12	3.902	878	890	940	rBV2	39626	160495	31.90%	2.846%
13	4.352	1012	1030	1059	rBV3	92409	275626	54.78%	4.888%
14	5.050	1231	1247	1280	rBV2	201233	503177	100.00%	8.924%
15	5.619	1412	1424	1446	rBV	150582	306286	60.87%	5.432%
16	5.918	1505	1517	1538	rVB9	12487	30176	6.00%	0.535%
17	6.069	1551	1564	1594	rBV	115032	240508	47.80%	4.265%
18	6.291	1624	1633	1658	rBV2	25129	53637	10.66%	0.951%
19	6.989	1839	1850	1873	rBV	61259	116128	23.08%	2.059%
20	7.317	1940	1952	1973	rBV	256170	443553	88.15%	7.866%
21	7.397	1973	1977	1995	rVB7	4191	8080	1.61%	0.143%
22	7.625	2039	2048	2060	rBV2	35179	61713	12.26%	1.094%
23	7.712	2069	2075	2090	rVB5	4748	8759	1.74%	0.155%
24	7.976	2146	2157	2178	rVB	60739	103066	20.48%	1.828%
25	8.088	2182	2192	2226	rBV	236482	468019	93.01%	8.300%
26	8.236	2229	2238	2267	rVV	162064	276720	54.99%	4.908%
27	8.850	2414	2429	2461	rBV	242997	400906	79.67%	7.110%
28	9.809	2717	2727	2740	rBV	63608	102314	20.33%	1.815%
29	10.217	2842	2854	2868	rBV2	70332	110848	22.03%	1.966%
30	10.718	3001	3010	3017	rBV2	5860	8888	1.77%	0.158%
31	10.763	3017	3024	3037	rVB6	5569	10291	2.05%	0.183%
32	10.860	3042	3054	3064	rVV6	3214	6316	1.26%	0.112%
33	11.149	3134	3144	3162	rBV	82912	132921	26.42%	2.357%
34	11.246	3164	3174	3197	rVB	279227	430456	85.55%	7.634%
35	11.622	3280	3291	3314	rVB	224019	357685	71.09%	6.343%
36	12.008	3403	3411	3430	rBV7	7625	15186	3.02%	0.269%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 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

37	12.246	3473	3485	3496	rBV8	2570	5938	1.18%	0.105%
38	12.342	3503	3515	3538	rBV	236101	350615	69.68%	6.218%
39	13.136	3755	3762	3779	rVB7	4464	8707	1.73%	0.154%
40	13.435	3848	3855	3864	rVB6	3911	5182	1.03%	0.092%
41	13.747	3944	3952	3960	rVB7	4896	7240	1.44%	0.128%
42	14.175	4075	4085	4101	rBV2	50813	86675	17.23%	1.537%
43	14.808	4273	4282	4294	rBV2	5940	10213	2.03%	0.181%
44	15.146	4378	4387	4400	rBV4	18120	29140	5.79%	0.517%
45	16.303	4741	4747	4754	rVB8	5976	7069	1.40%	0.125%

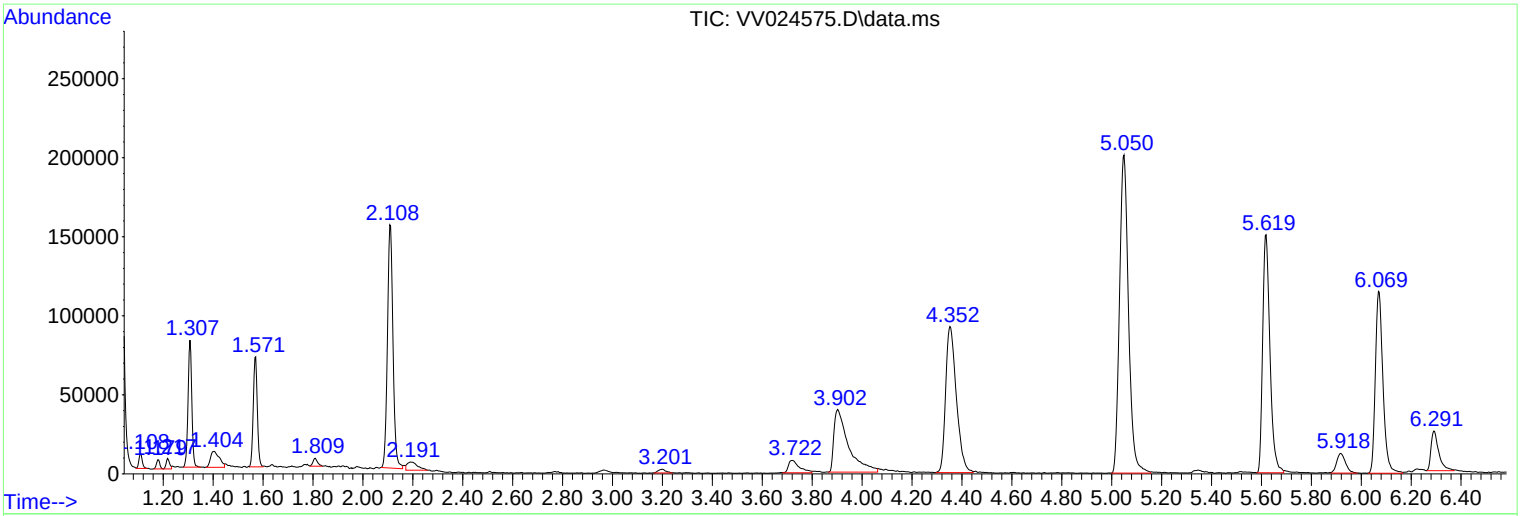
Sum of corrected areas: 5638654

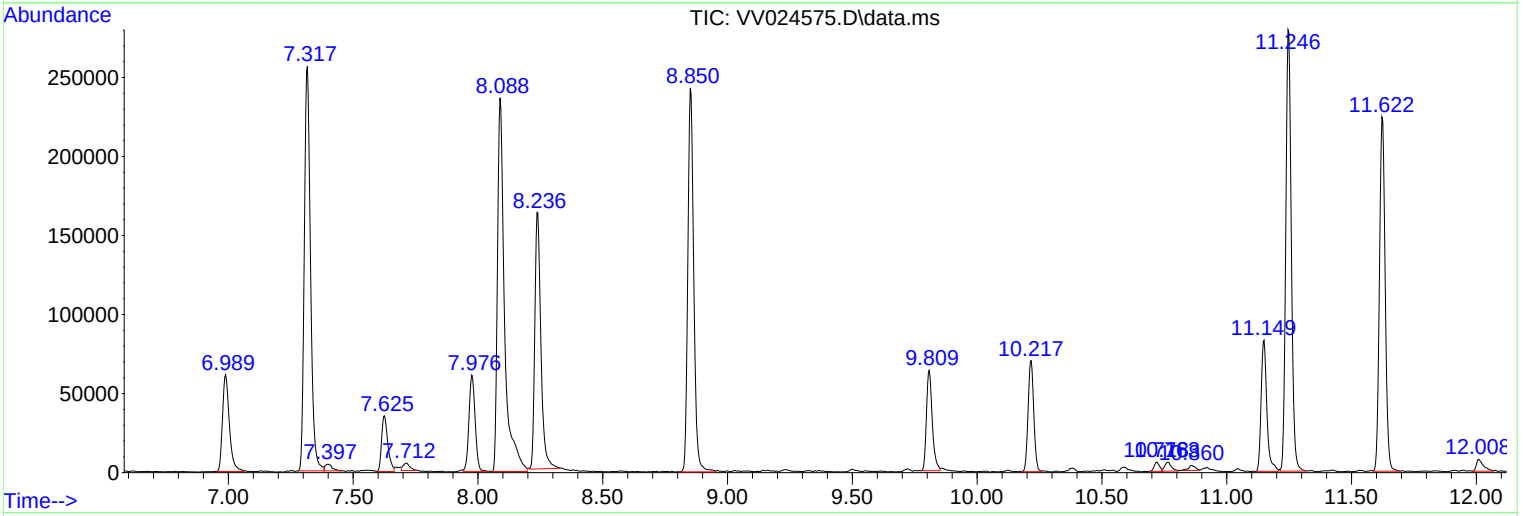
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

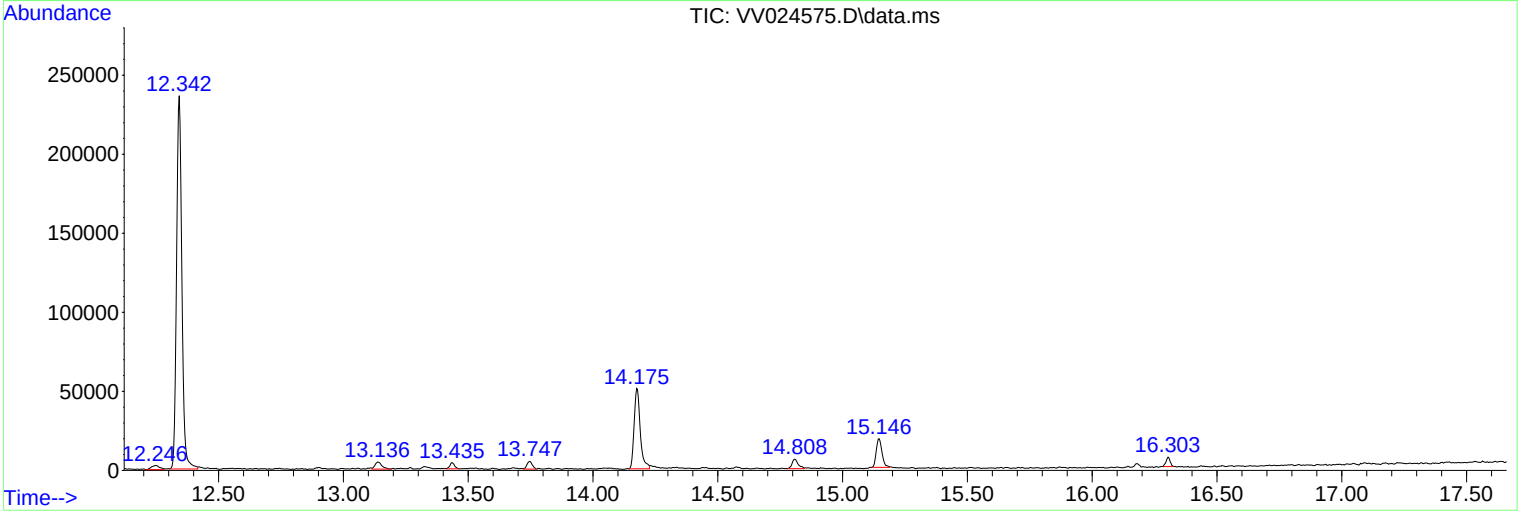
Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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

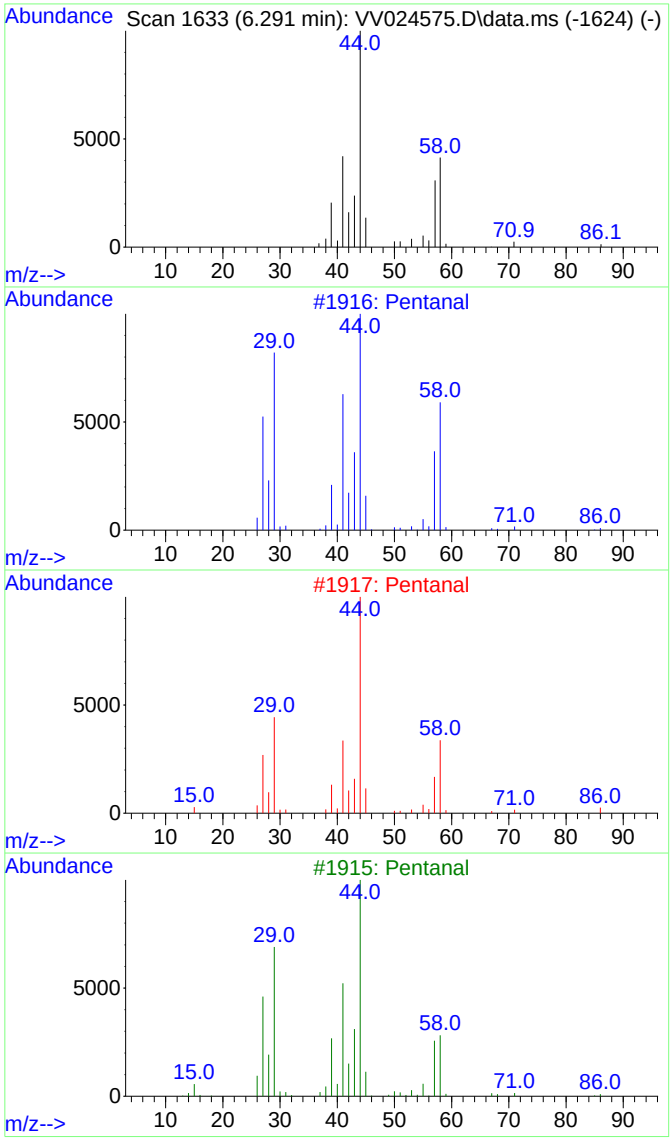
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

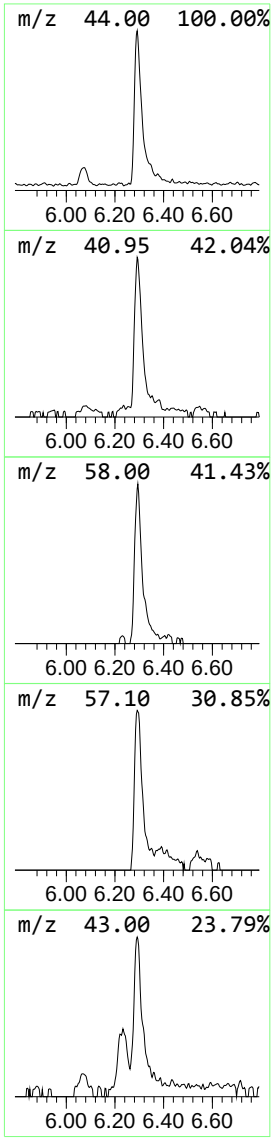
****

Peak Number 1 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.291	0.88 ug/L	53637	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Pentanal	86	C5H10O	000110-62-3	83
3	Pentanal	86	C5H10O	000110-62-3	80
4	Butanal, 3-methyl-	86	C5H10O	000590-86-3	45
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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

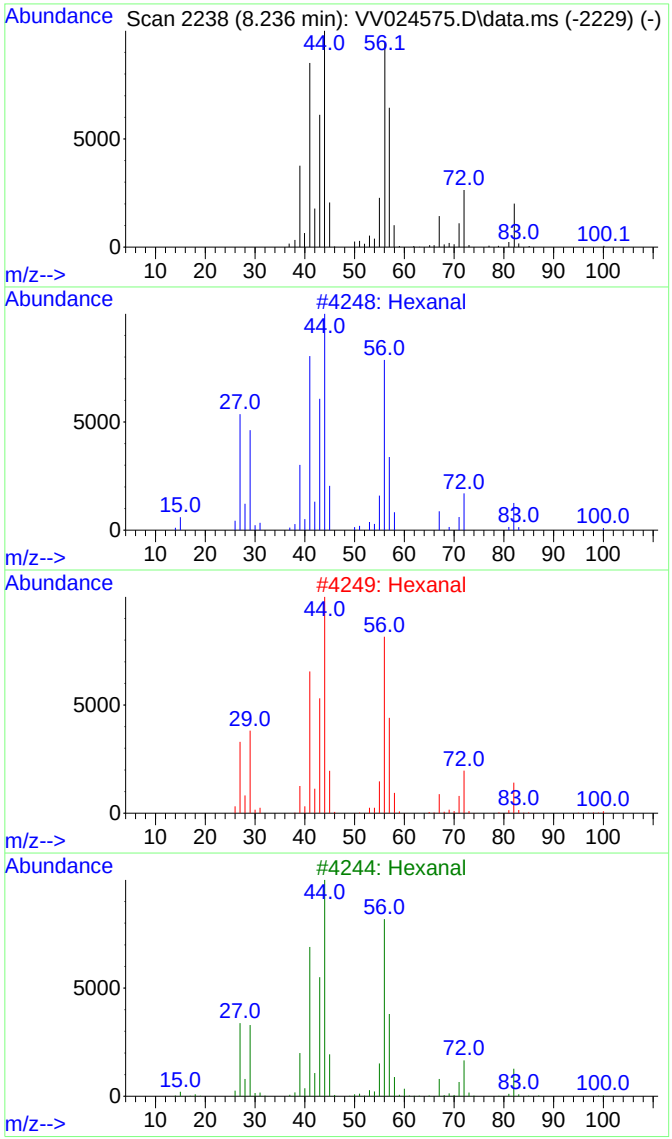
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

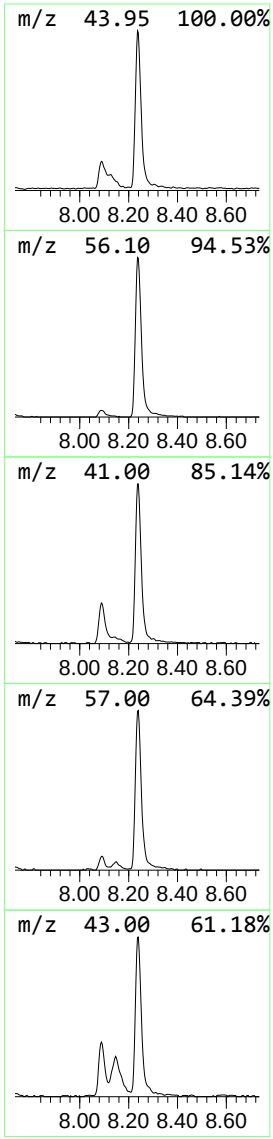
****

Peak Number 3 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	3.45 ug/L	276720	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	86
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 : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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

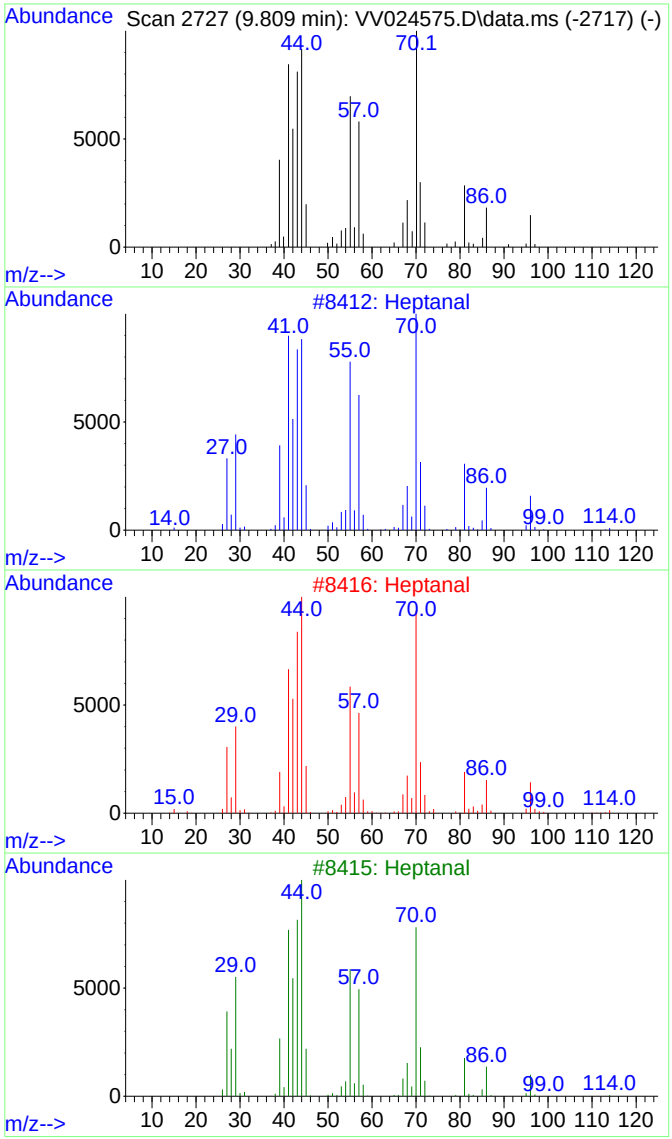
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

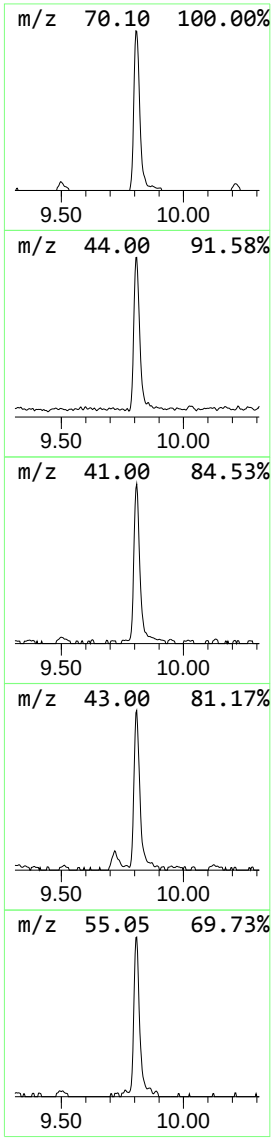
****

Peak Number 4 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	1.28 ug/L	102314	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	72
5	Heptanal	114	C7H14O	000111-71-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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

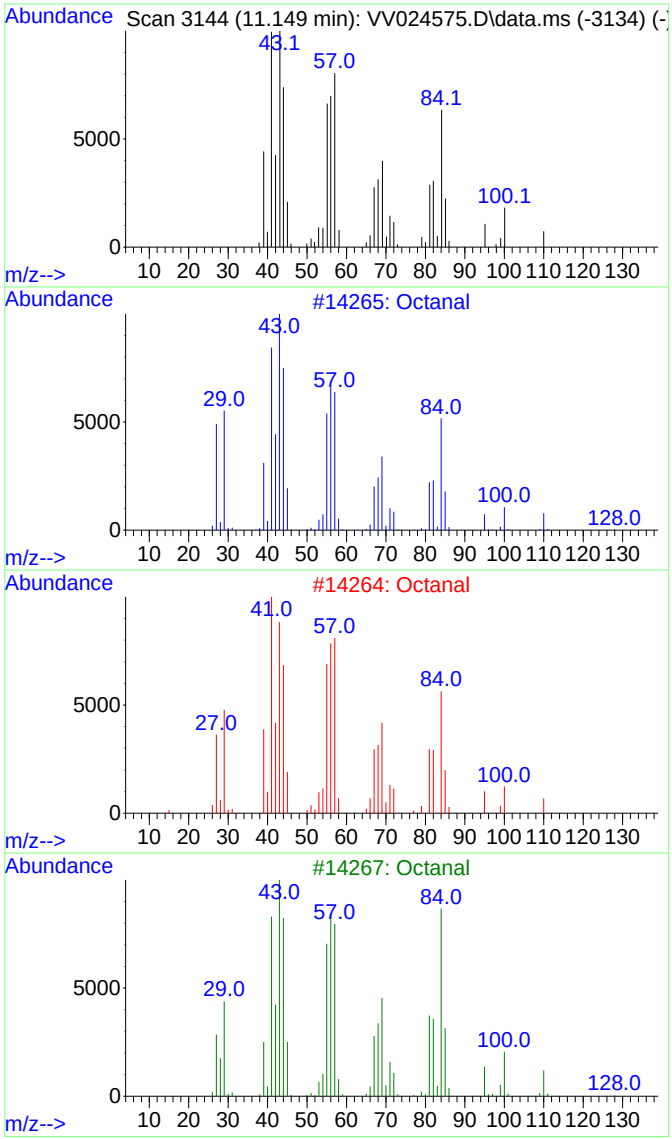
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

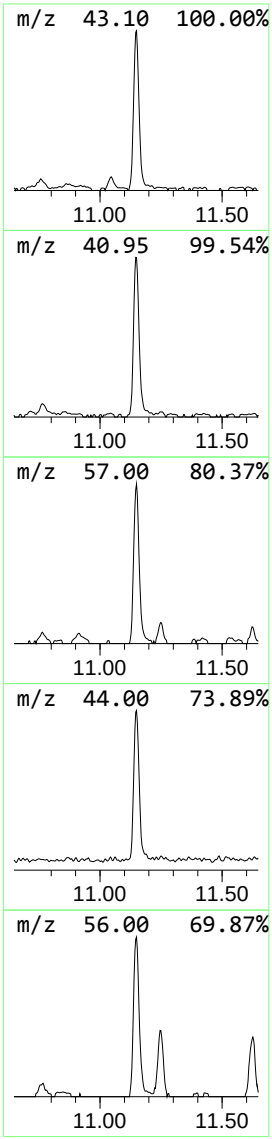
****

Peak Number 5 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	1.54 ug/L	132921	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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

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

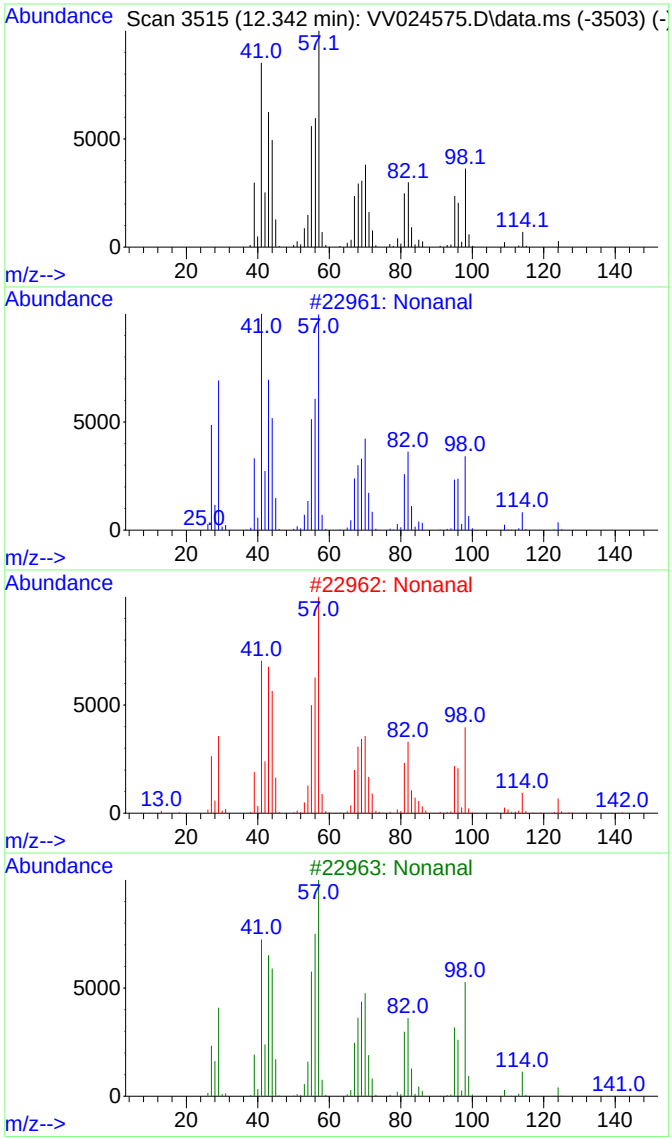
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

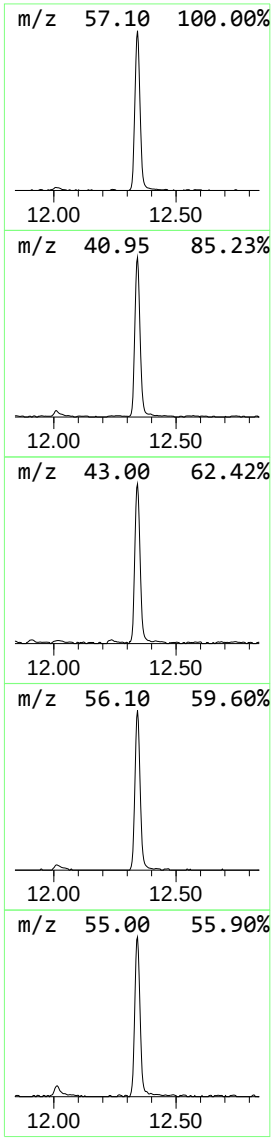
****

Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	4.07 ug/L	350615	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, (E)-	142	C9H18O	031502-14-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXZ4

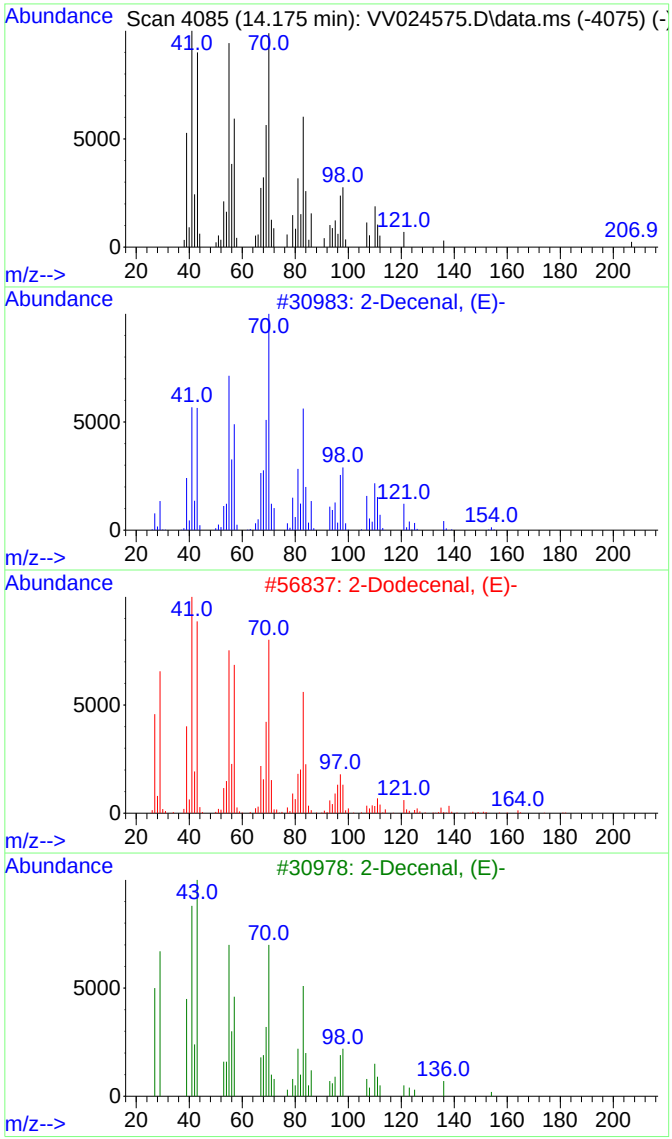
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0

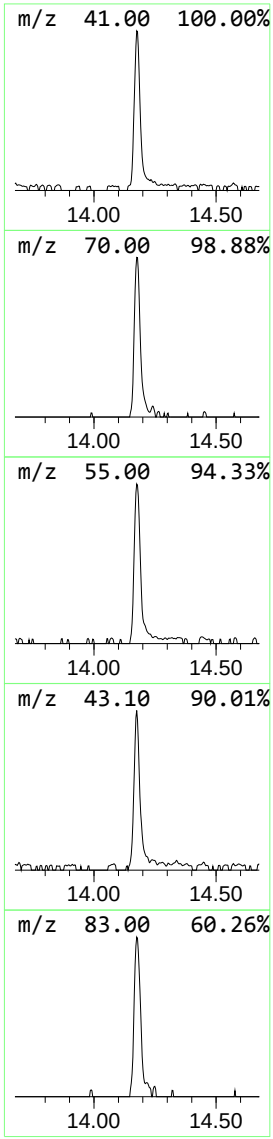
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Decenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	1.01 ug/L	86675	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decenal, (E)-	154	C10H18O	003913-81-3	80
2	2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
3	2-Decenal, (E)-	154	C10H18O	003913-81-3	58
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
Data File : VV024575.D
Acq On : 10 Feb 2022 18:02
Operator : SY/MD
Sample : N1476-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentanal	6.291	0.9	ug/L	53637	1	5.619	306286	5.0
Hexanal	8.236	3.5	ug/L	276720	2	8.850	400906	5.0
Heptanal	9.809	1.3	ug/L	102314	2	8.850	400906	5.0
Octanal	11.149	1.5	ug/L	132921	3	11.246	430456	5.0
Nonanal	12.342	4.1	ug/L	350615	3	11.246	430456	5.0
2-Decenal, (E)-	14.175	1.0	ug/L	86675	3	11.246	430456	5.0