

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
 Data File : VV025115.D
 Acq On : 21 Mar 2022 13:38
 Operator : SY/MD
 Sample : N2044-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY25

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\SFAMVTR031522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025115.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	33	rVB	139151	126106	1.20%	0.629%
2	1.307	74	83	98	rVB	159856	160534	1.53%	0.801%
3	2.108	320	332	349	rBV2	139416	211452	2.01%	1.055%
4	3.918	879	895	948	rBV2	24463	129180	1.23%	0.645%
5	4.355	1013	1031	1066	rBV3	98619	315097	3.00%	1.573%
6	5.050	1229	1247	1284	rBV2	204298	519504	4.95%	2.593%
7	5.619	1413	1424	1451	rBV	162935	330080	3.14%	1.647%
8	6.069	1550	1564	1585	rBV	106639	219740	2.09%	1.097%
9	6.288	1624	1632	1656	rBV	48105	106187	1.01%	0.530%
10	7.317	1939	1952	1968	rBV	252788	439557	4.19%	2.194%
11	8.091	2183	2193	2227	rBV	174376	361195	3.44%	1.803%
12	8.236	2227	2238	2268	rBV	623536	1061623	10.11%	5.299%
13	8.850	2419	2429	2458	rBV	241932	401708	3.82%	2.005%
14	9.805	2715	2726	2753	rBV	515204	796368	7.58%	3.975%
15	10.217	2844	2854	2872	rVB	72721	116516	1.11%	0.582%
16	11.146	3131	3143	3157	rBV	1303170	1877131	17.87%	9.369%
17	11.246	3165	3174	3195	rVB	272861	426958	4.07%	2.131%
18	11.529	3250	3262	3281	rBV	300399	550995	5.25%	2.750%
19	11.622	3282	3291	3317	rVB	236036	391867	3.73%	1.956%
20	12.004	3400	3410	3437	rBV2	121030	237857	2.26%	1.187%
21	12.342	3502	3515	3530	rBV	7568824	10502530	100.00%	52.418%
22	14.175	4073	4085	4100	rBV	362979	578803	5.51%	2.889%
23	15.143	4367	4386	4410	rBV2	86678	175104	1.67%	0.874%

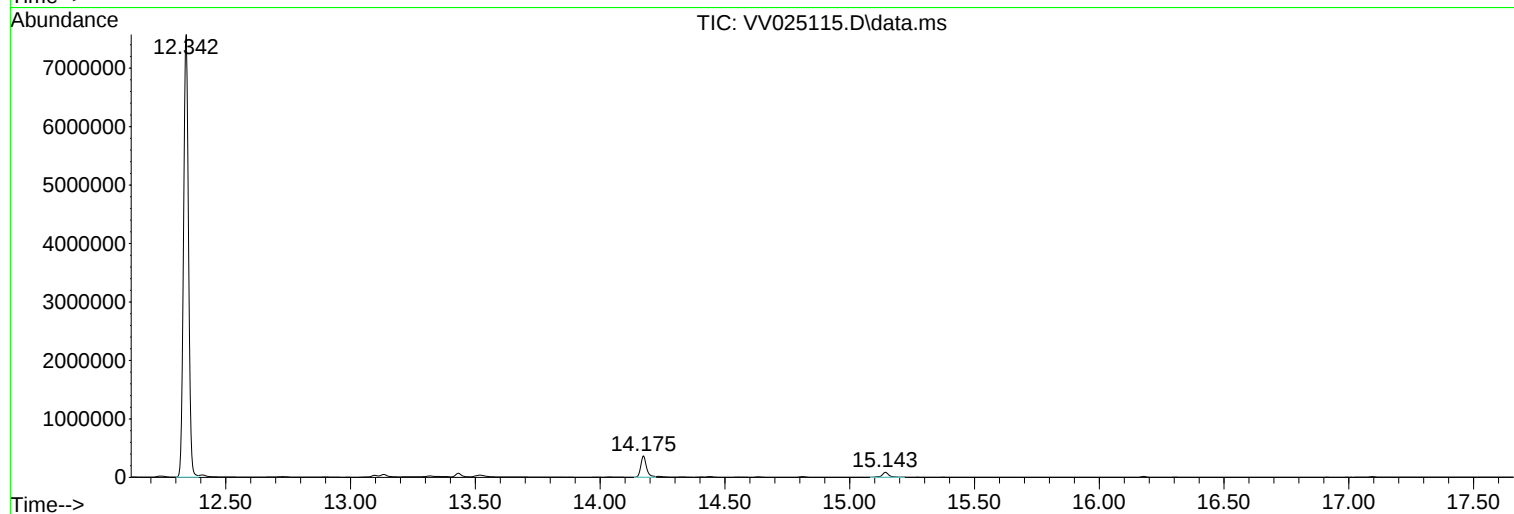
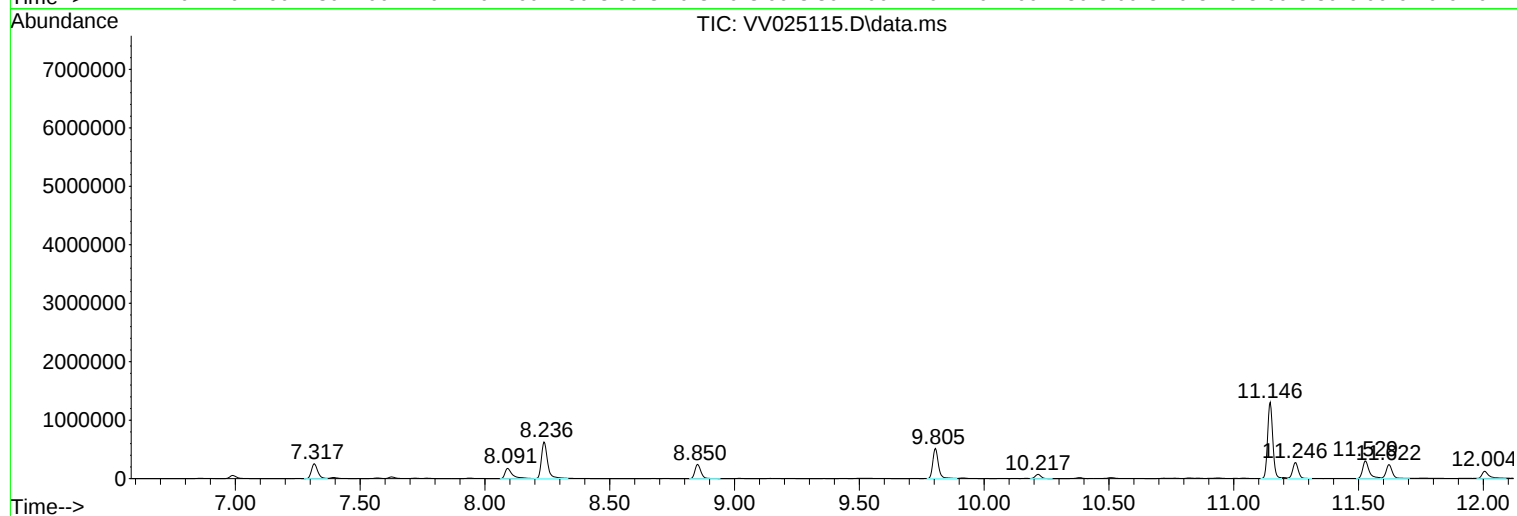
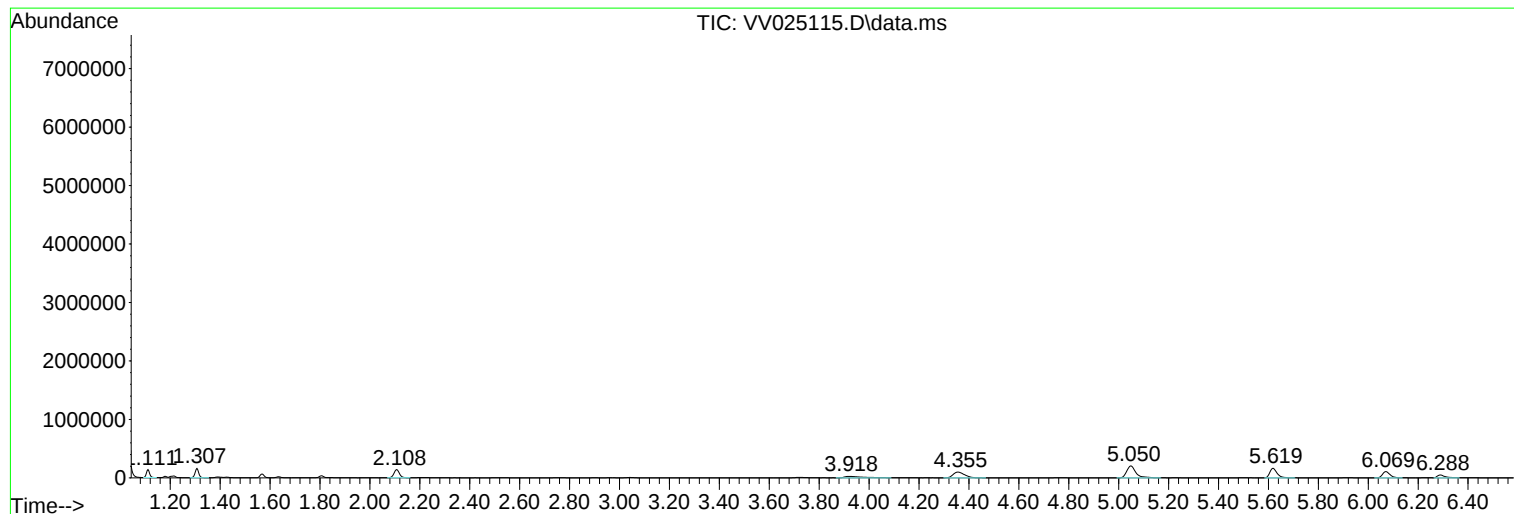
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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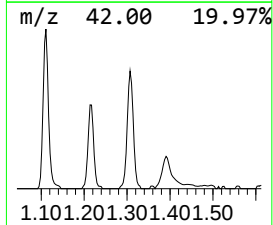
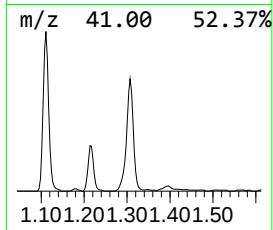
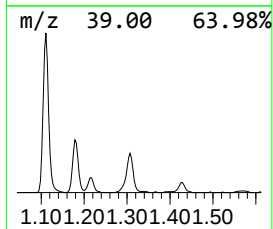
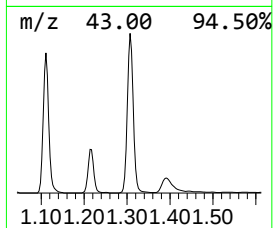
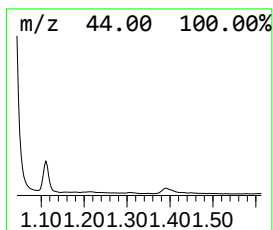
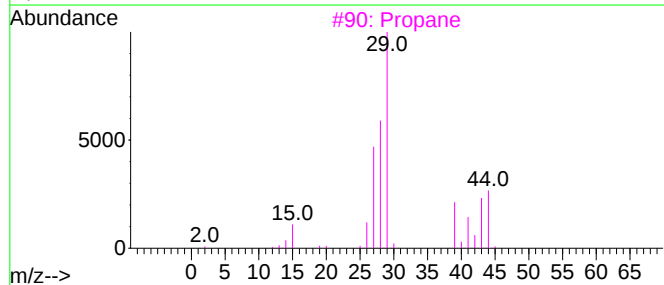
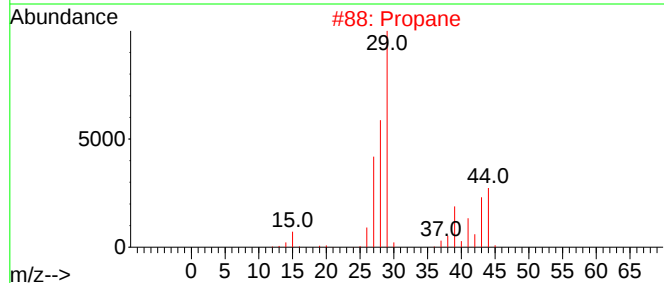
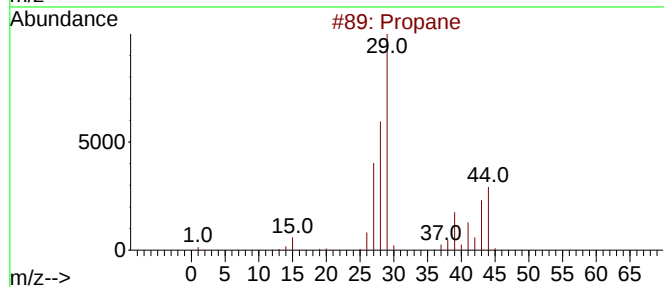
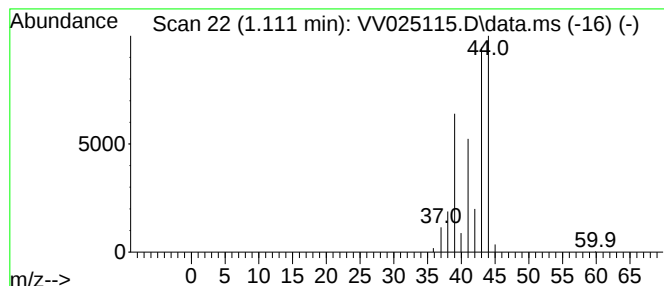
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Quant Title : TRACE VOA SFAM1.0

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.
1.111	1.91 ug/L	126106	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane	44	C3H8	000074-98-6	83
2			Propane	44	C3H8	000074-98-6	83
3			Propane	44	C3H8	000074-98-6	9
4			Propene	42	C3H6	000115-07-1	9
5			Acetaldehyde	44	C2H4O	000075-07-0	5



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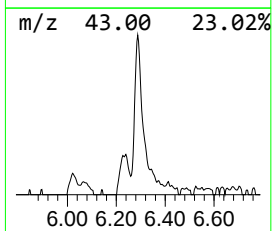
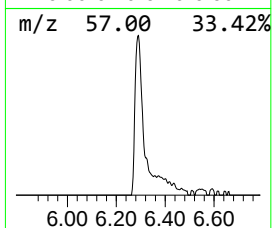
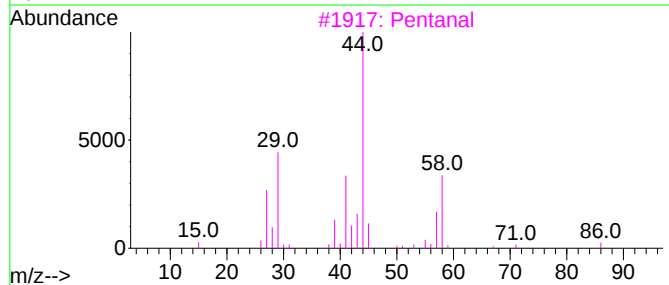
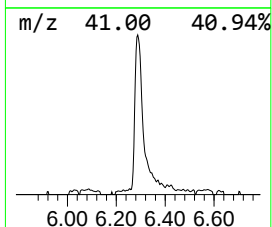
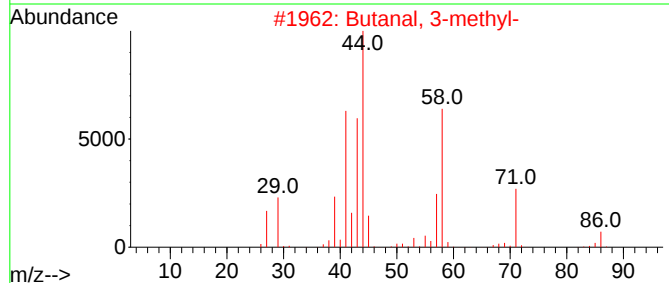
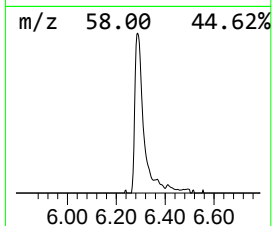
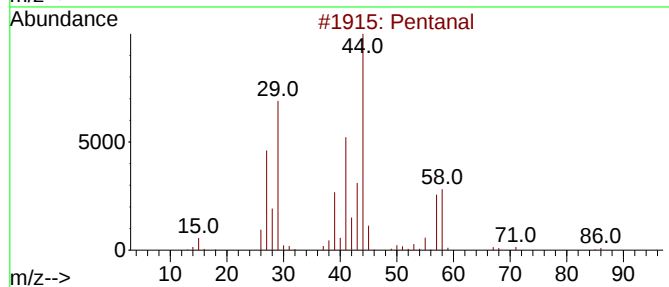
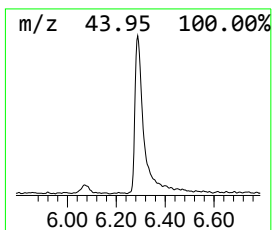
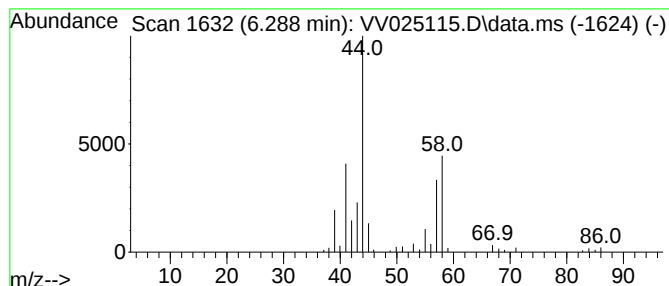
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Pentanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.288	1.61 ug/L	106187	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	90
2	Butanal, 3-methyl-			86	C5H10O	000590-86-3	83
3	Pentanal			86	C5H10O	000110-62-3	72
4	Pentanal			86	C5H10O	000110-62-3	64
5	Pentanal			86	C5H10O	000110-62-3	64



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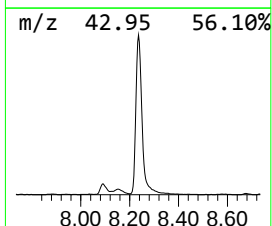
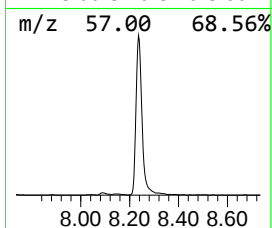
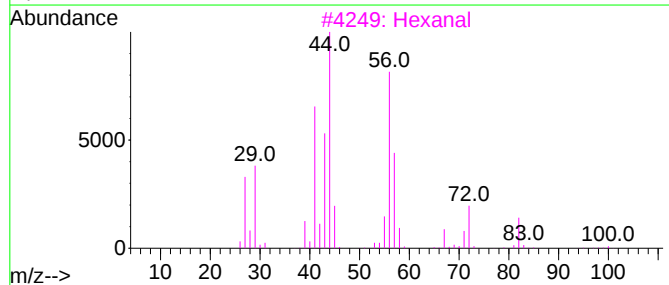
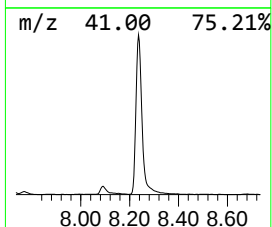
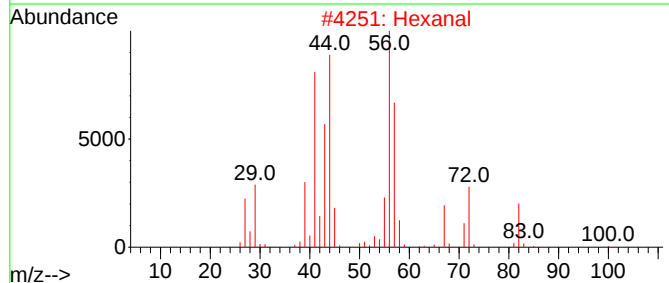
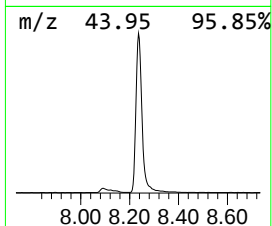
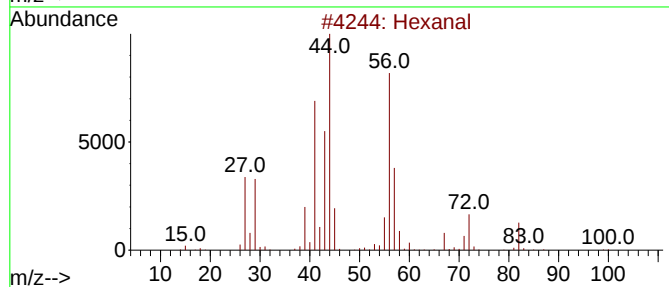
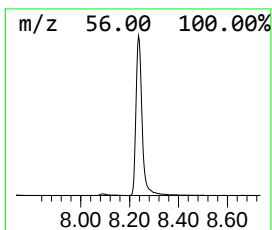
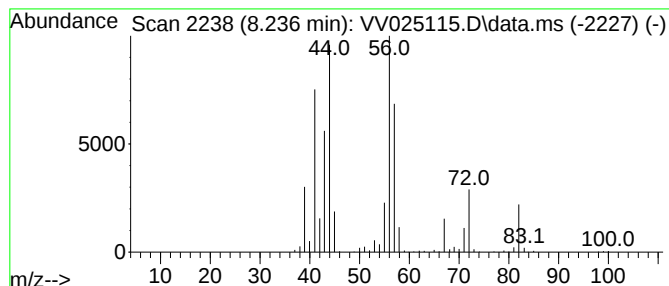
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.236	13.21 ug/L	1061620	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	94
3	Hexanal			100	C6H12O	000066-25-1	91
4	Hexanal			100	C6H12O	000066-25-1	78
5	Hexanal			100	C6H12O	000066-25-1	72



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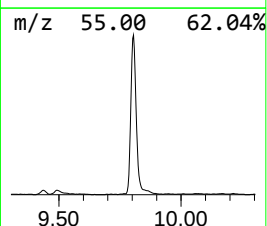
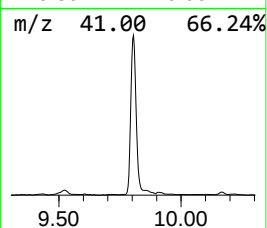
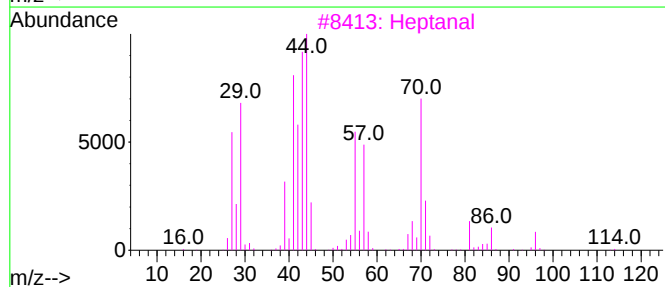
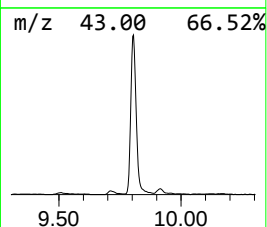
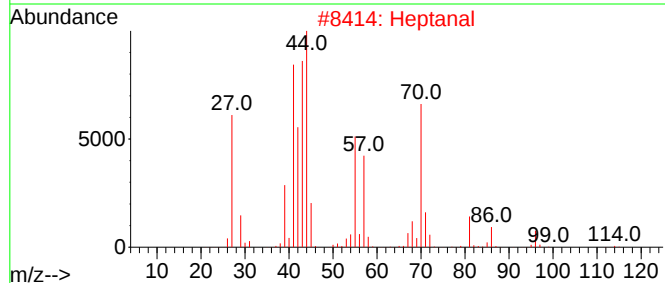
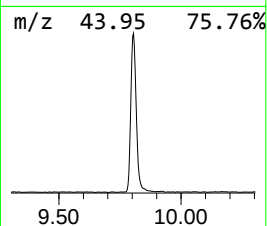
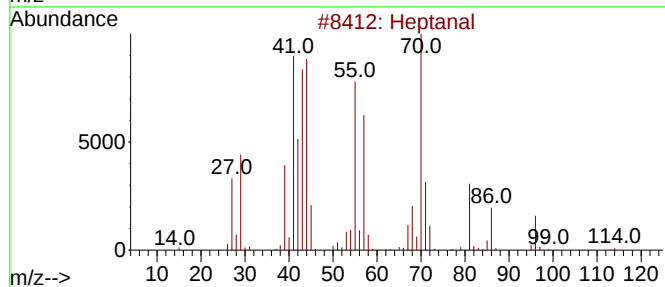
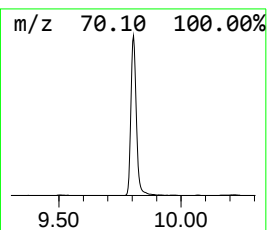
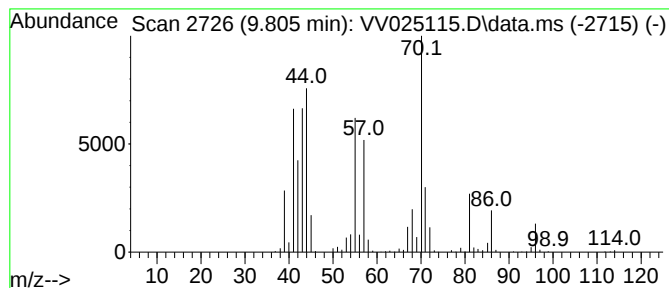
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.805	9.91 ug/L	796368	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	97
2	Heptanal			114	C7H14O	000111-71-7	95
3	Heptanal			114	C7H14O	000111-71-7	95
4	Heptanal			114	C7H14O	000111-71-7	58
5	Heptanal			114	C7H14O	000111-71-7	46



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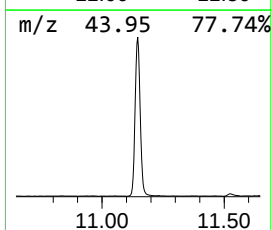
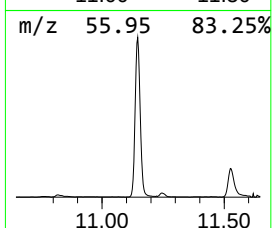
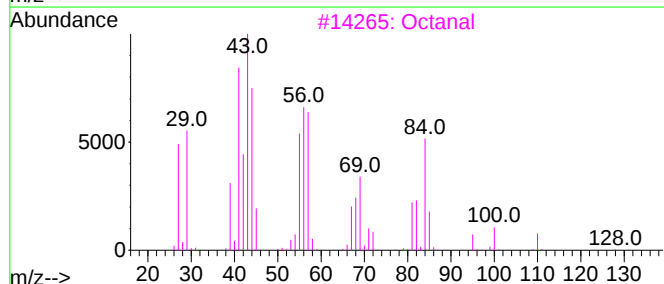
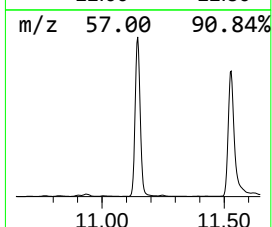
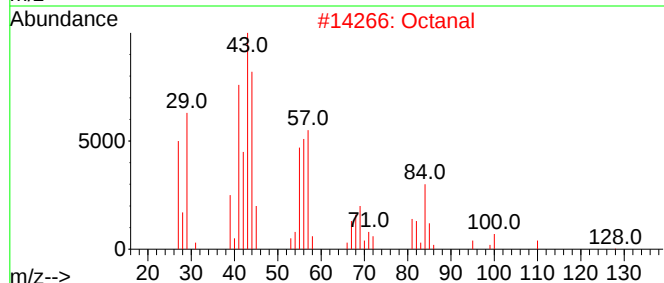
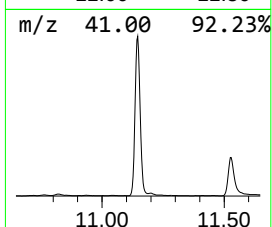
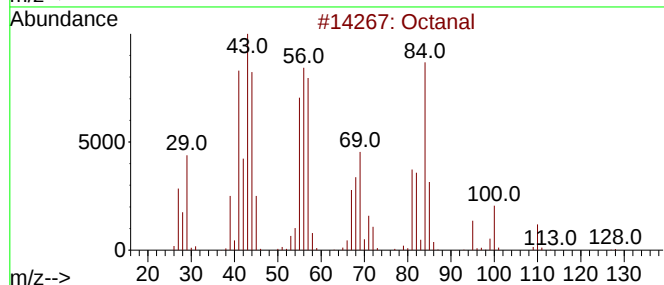
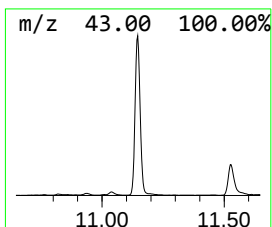
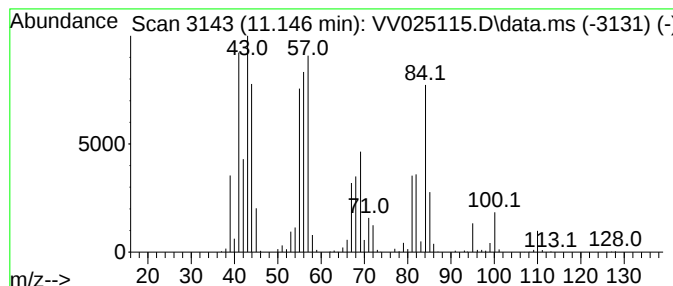
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	21.98 ug/L	1877130	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	90
3	Octanal			128	C8H16O	000124-13-0	81
4	Octanal			128	C8H16O	000124-13-0	72
5	Octanal			128	C8H16O	000124-13-0	58



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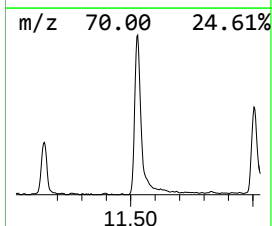
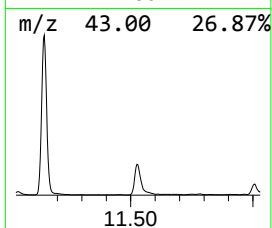
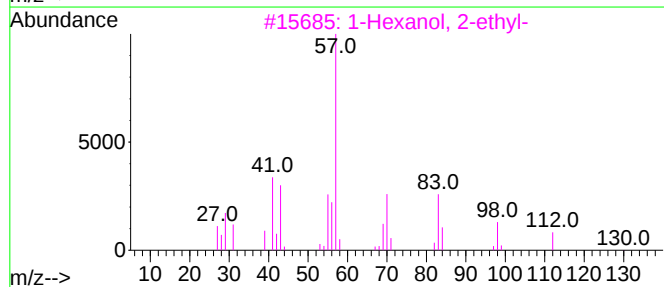
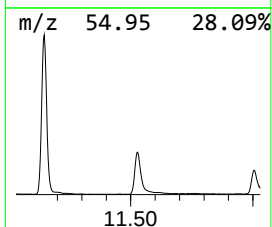
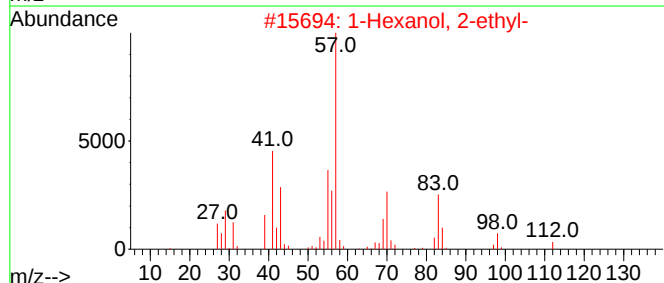
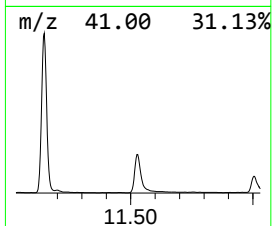
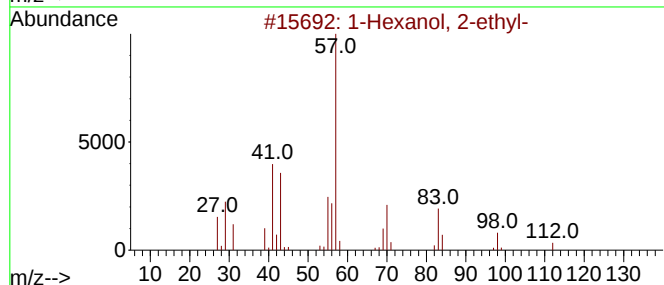
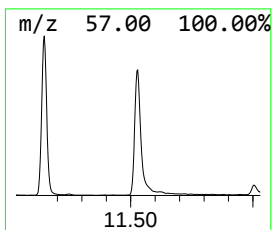
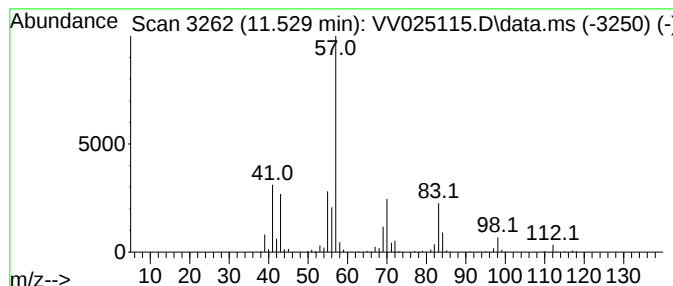
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	6.45 ug/L	550995	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
Data File : VV025115.D
Acq On : 21 Mar 2022 13:38
Operator : SY/MD
Sample : N2044-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY25

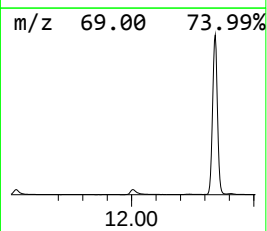
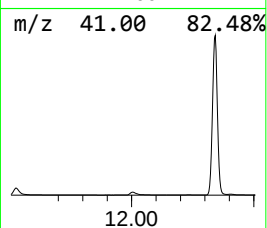
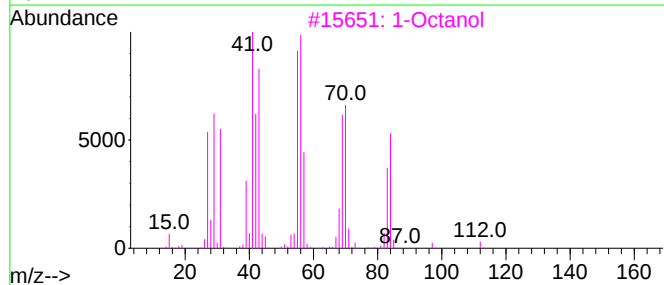
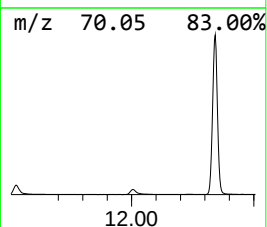
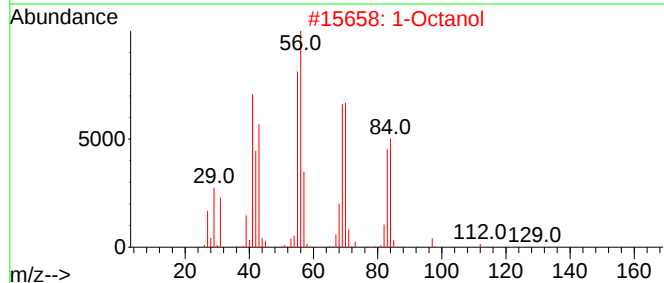
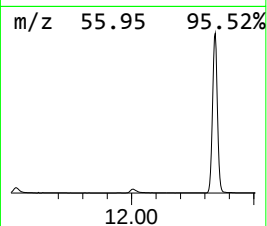
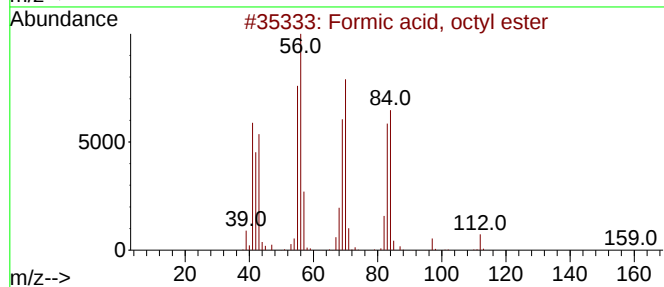
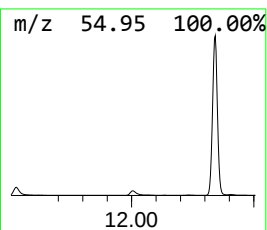
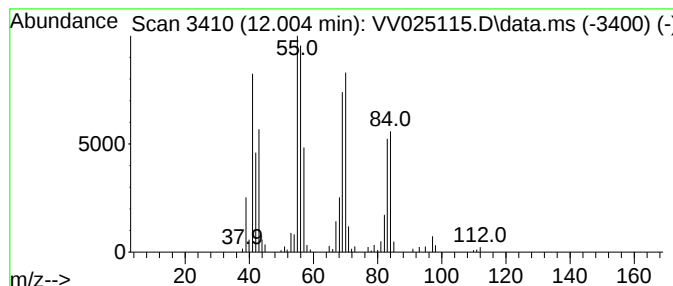
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Formic acid, octyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	2.79 ug/L	237857	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid, octyl ester	158	C9H18O2	000112-32-3	90
2			1-Octanol	130	C8H18O	000111-87-5	90
3			1-Octanol	130	C8H18O	000111-87-5	83
4			Octyl chloroformate	192	C9H17ClO2	007452-59-7	83
5			1-Octanol	130	C8H18O	000111-87-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
Data File : VV025115.D
Acq On : 21 Mar 2022 13:38
Operator : SY/MD
Sample : N2044-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY25

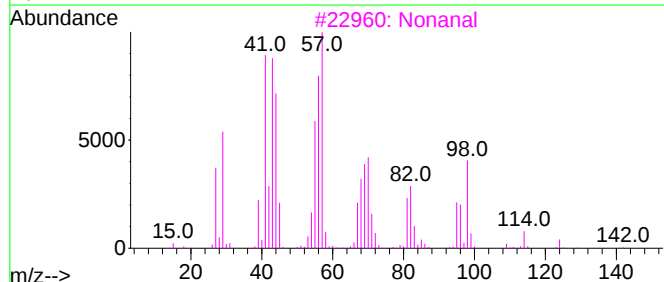
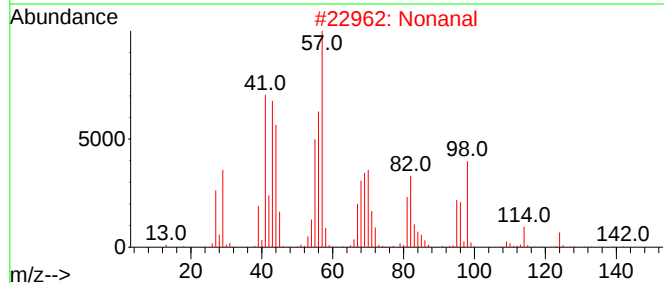
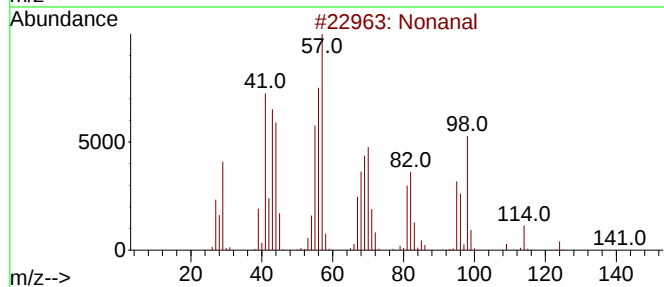
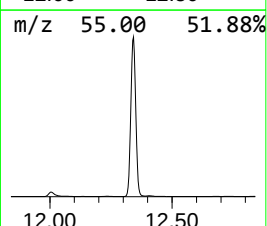
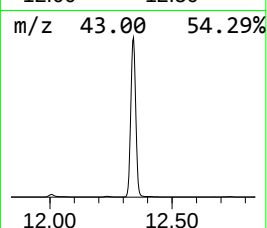
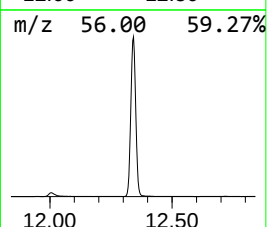
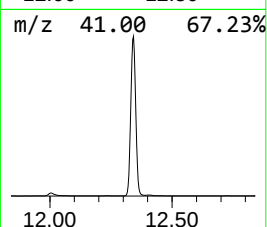
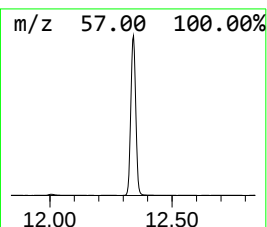
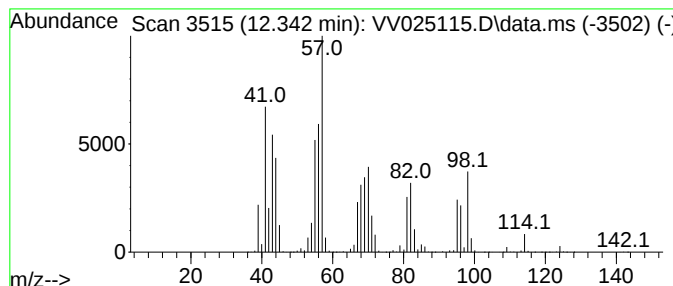
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	122.99 ug/L	10502500	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	Carbonic acid, heptyl vinyl ester			186	C10H18O3	1010383-25-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
Data File : VV025115.D
Acq On : 21 Mar 2022 13:38
Operator : SY/MD
Sample : N2044-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY25

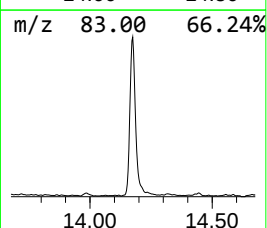
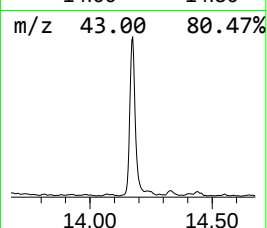
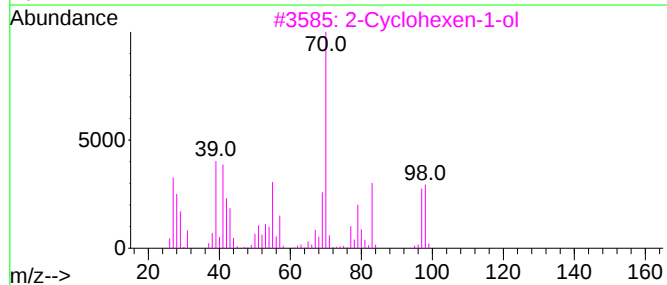
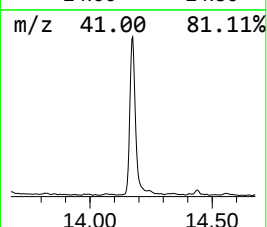
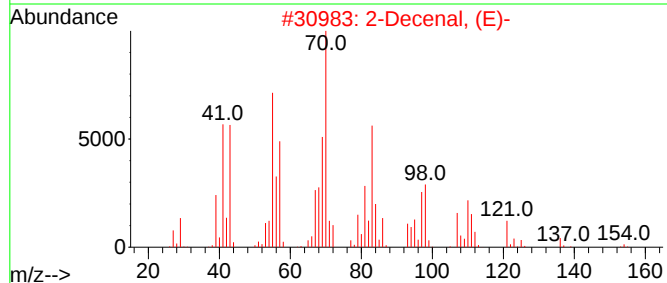
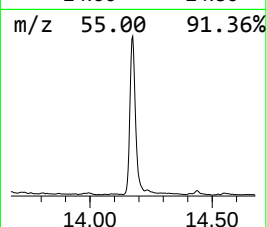
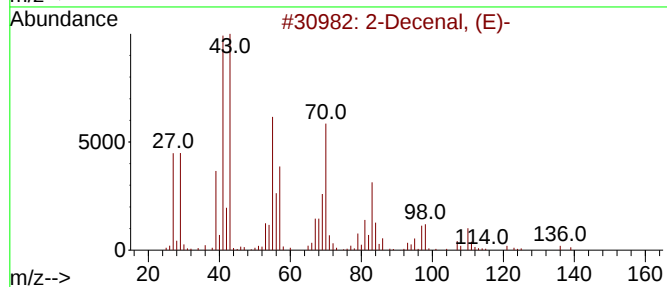
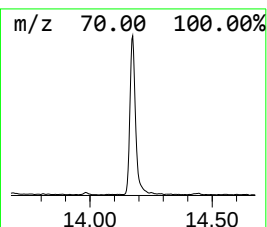
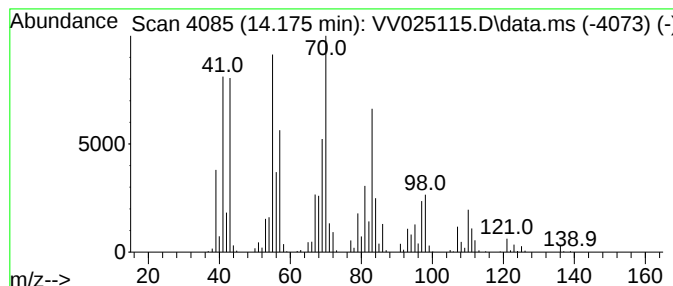
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	6.78 ug/L	578803	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-Cyclohexen-1-ol			98	C6H10O	000822-67-3	55
4	2-Cyclohexen-1-ol			98	C6H10O	000822-67-3	52
5	2-Cyclohexen-1-ol			98	C6H10O	000822-67-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
Data File : VV025115.D
Acq On : 21 Mar 2022 13:38
Operator : SY/MD
Sample : N2044-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY25

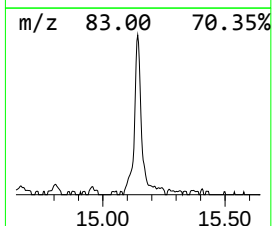
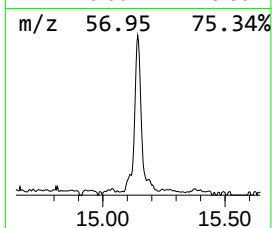
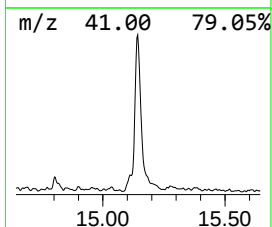
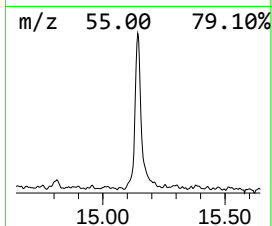
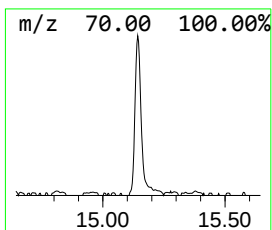
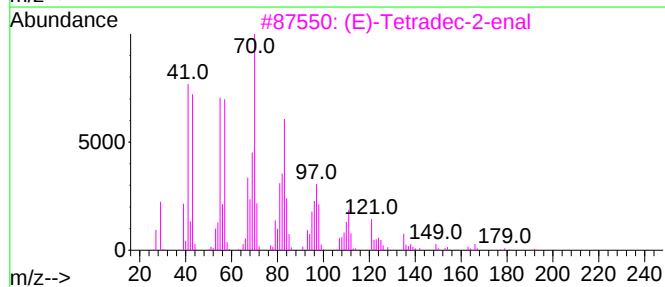
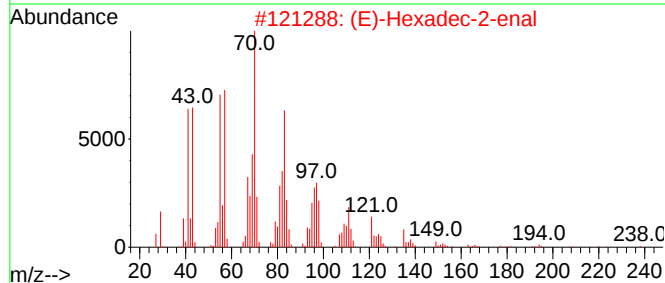
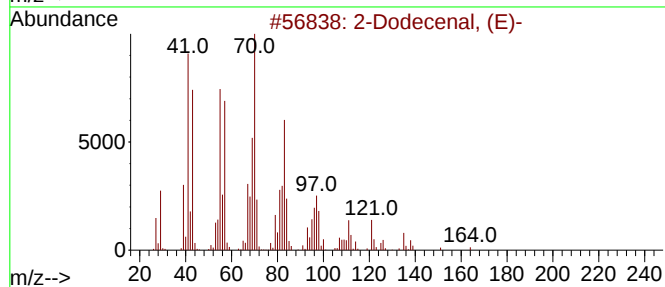
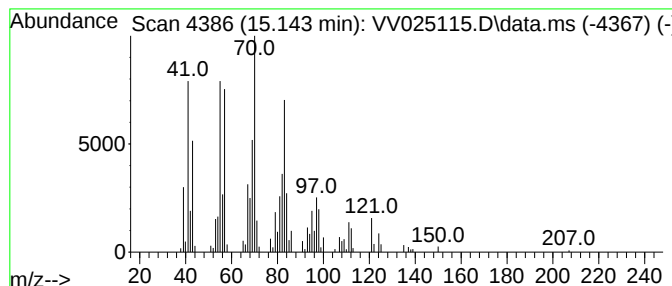
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 2-Dodecenal, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.143	2.05 ug/L	175104	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	86
2		(E)-Hexadec-2-enal	238	C16H30O	022644-96-8	86
3		(E)-Tetradec-2-enal	210	C14H26O	051534-36-2	80
4		2-Undecenal	168	C11H20O	002463-77-6	80
5		2-Methylene cyclopentanol	98	C6H10O	020461-31-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025115.D
 Acq On : 21 Mar 2022 13:38
 Operator : SY/MD
 Sample : N2044-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.111	1.9	ug/L	126106	1	5.619	330080	5.0
Pentanal	6.288	1.6	ug/L	106187	1	5.619	330080	5.0
Hexanal	8.236	13.2	ug/L	1061620	2	8.850	401708	5.0
Heptanal	9.805	9.9	ug/L	796368	2	8.850	401708	5.0
Octanal	11.146	22.0	ug/L	1877130	3	11.246	426958	5.0
1-Hexanol, 2-et...	11.529	6.5	ug/L	550995	3	11.246	426958	5.0
Formic acid, oc...	12.005	2.8	ug/L	237857	3	11.246	426958	5.0
Nonanal	12.342	123.0	ug/L	10502500	3	11.246	426958	5.0
2-Decenal, (E)-	14.175	6.8	ug/L	578803	3	11.246	426958	5.0
2-Dodecenal, (E)-	15.143	2.0	ug/L	175104	3	11.246	426958	5.0