

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047460.D
 Acq On : 10 Mar 2022 16:04
 Operator : SY/MD
 Sample : N1840-02DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY21DL

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_U\Method\SFAMUTR030922WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU047460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	21	rVB	194888	191363	13.34%	2.488%
2	1.594	70	79	97	rBV3	116672	204683	14.27%	2.661%
3	1.736	118	123	134	rVB	15841	19119	1.33%	0.249%
4	1.919	170	180	197	rBV	38819	55873	3.89%	0.726%
5	2.160	246	255	263	rBV	21579	29241	2.04%	0.380%
6	2.212	263	271	289	rVB3	32794	60797	4.24%	0.790%
7	2.417	324	335	345	rVB5	10574	18942	1.32%	0.246%
8	2.572	365	383	397	rBV3	106683	224404	15.64%	2.918%
9	3.051	519	532	542	rBV4	8319	15861	1.11%	0.206%
10	3.369	614	631	658	rBV	68842	166501	11.61%	2.165%
11	4.456	957	969	983	rBV5	6184	15734	1.10%	0.205%
12	4.671	1012	1036	1062	rBV3	109941	328173	22.87%	4.267%
13	5.067	1144	1159	1183	rVB	63779	145925	10.17%	1.897%
14	5.729	1343	1365	1374	rBV2	135759	343214	23.92%	4.462%
15	5.777	1375	1380	1395	rVB	58268	103811	7.24%	1.350%
16	6.250	1513	1527	1546	rBV	168119	319826	22.29%	4.158%
17	6.546	1605	1619	1641	rBV3	91098	173677	12.11%	2.258%
18	6.694	1652	1665	1684	rBV	78654	157980	11.01%	2.054%
19	6.880	1711	1723	1768	rBV2	72171	165390	11.53%	2.150%
20	7.568	1924	1937	1950	rBV2	43620	75676	5.27%	0.984%
21	7.899	2026	2040	2055	rBV	177607	303071	21.12%	3.941%
22	8.182	2117	2128	2139	rBV	27288	45025	3.14%	0.585%
23	8.555	2232	2244	2258	rBV	159827	264726	18.45%	3.442%
24	8.636	2258	2269	2303	rVV	170710	344512	24.01%	4.479%
25	8.787	2303	2316	2358	rVV	819259	1434675	100.00%	18.654%
26	9.417	2500	2512	2531	rBV	240384	404100	28.17%	5.254%
27	10.343	2789	2800	2822	rVB	141606	230119	16.04%	2.992%
28	10.758	2917	2929	2947	rBV	67201	106638	7.43%	1.387%
29	11.298	3089	3097	3106	rVB3	14349	22021	1.53%	0.286%
30	11.472	3143	3151	3162	rVB4	9544	14582	1.02%	0.190%
31	11.687	3206	3218	3232	rBV	263029	398908	27.80%	5.187%
32	11.812	3245	3257	3276	rVB	285095	449330	31.32%	5.842%
33	12.192	3363	3375	3390	rBV	175421	280425	19.55%	3.646%
34	12.546	3473	3485	3498	rBV4	21857	37249	2.60%	0.484%
35	12.886	3578	3591	3612	rBV	308681	460663	32.11%	5.990%
36	13.687	3832	3840	3850	rBV3	10424	14856	1.04%	0.193%

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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_U\Method\SFAMUTR030922WMA.M
Title : TRACE VOA SFAM1.0

37	13.983	3923	3932	3944	rBV4	12636	18850	1.31%	0.245%
38	14.732	4156	4165	4180	rBV3	28838	45156	3.15%	0.587%

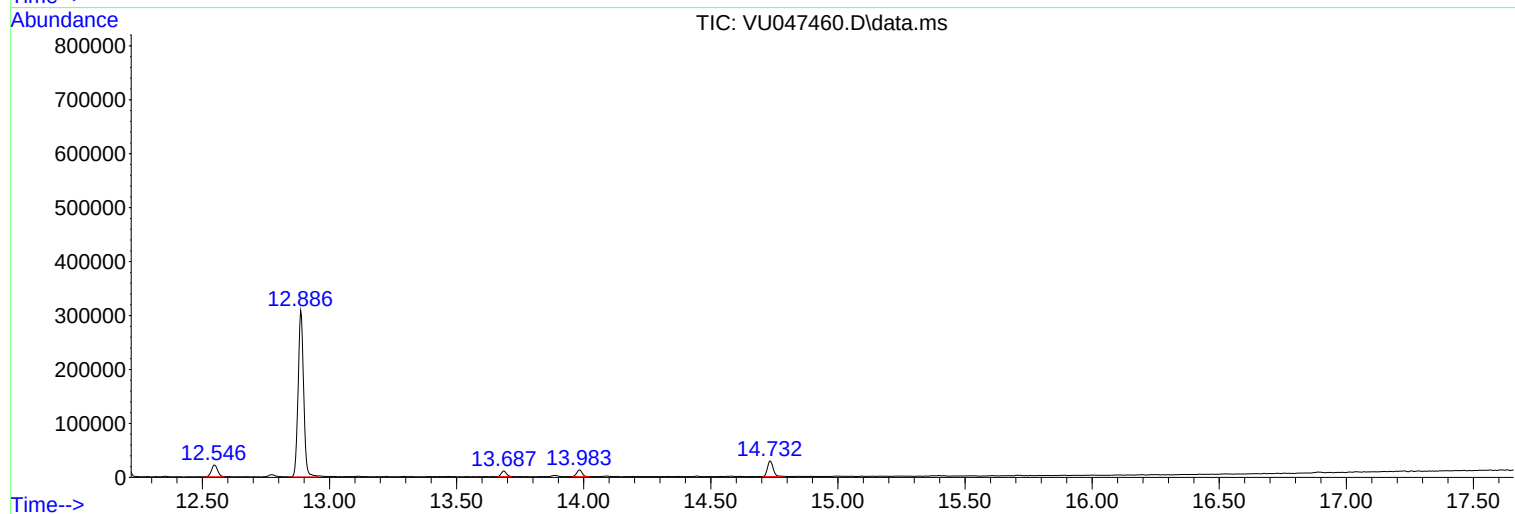
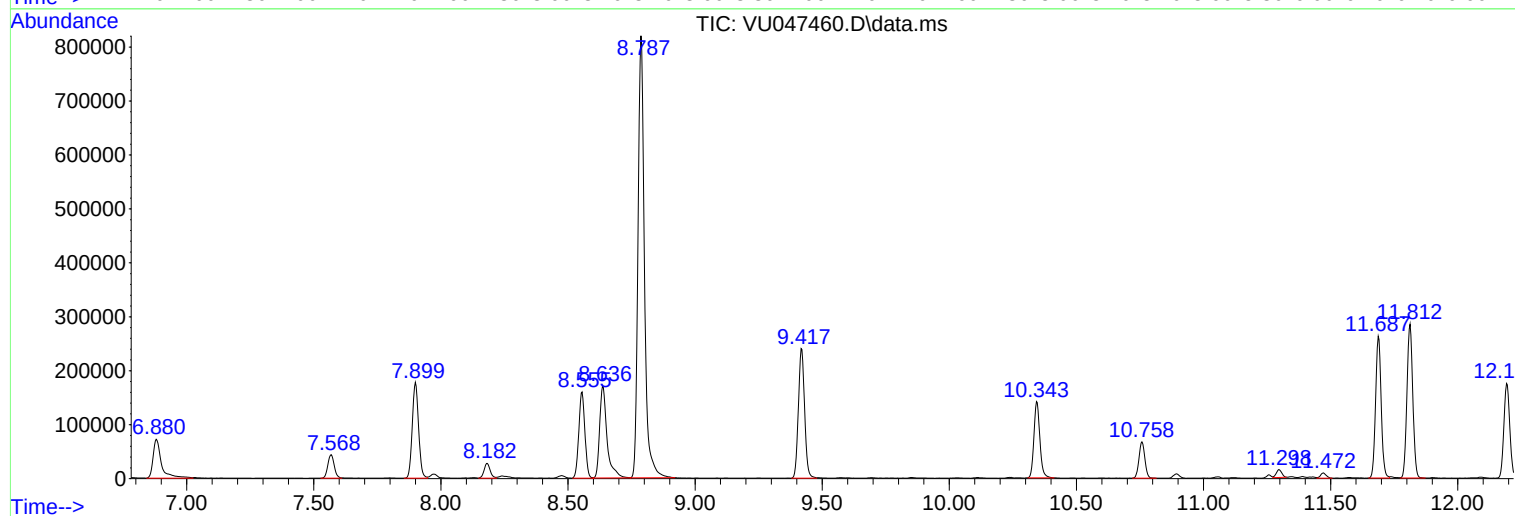
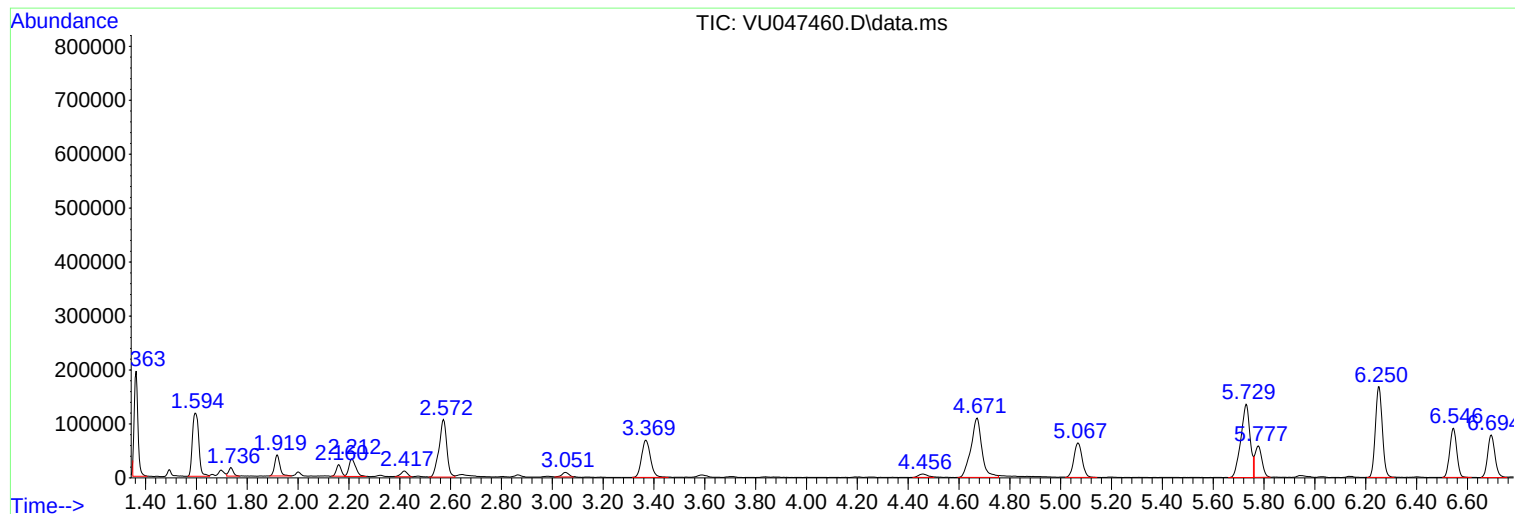
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
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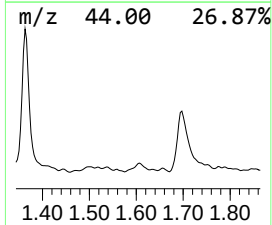
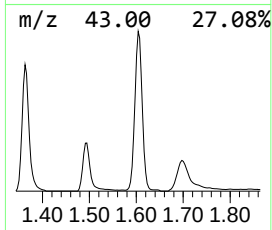
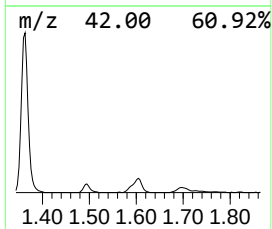
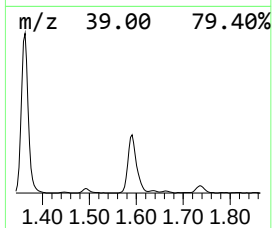
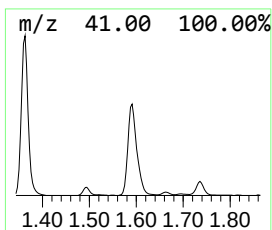
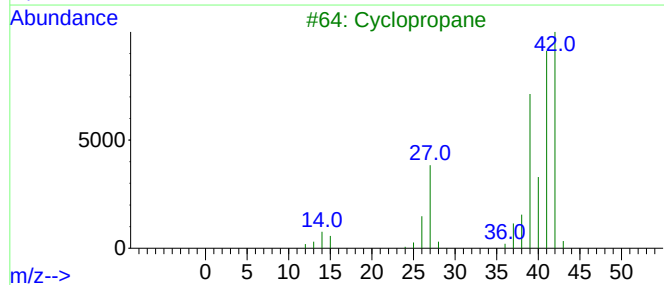
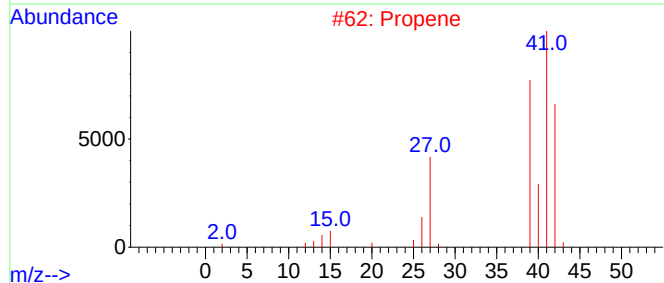
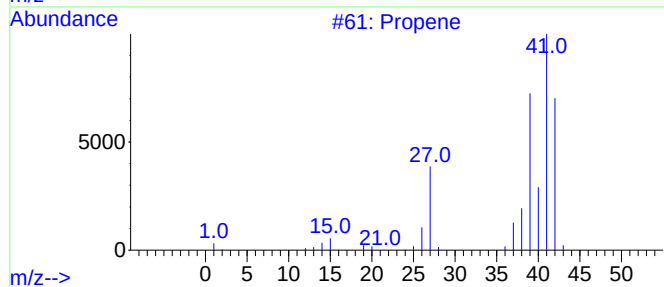
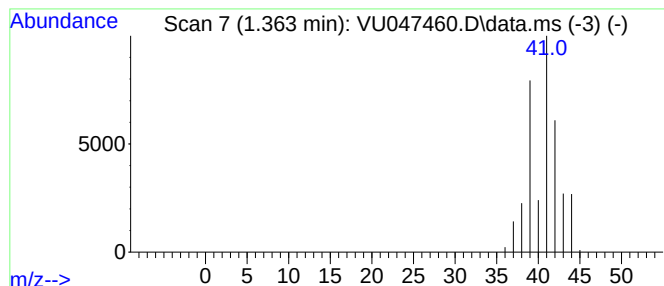
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	2.99 ug/L	191363	1,4-Difluorobenzene	6.253

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			Cyclopropane	42	C3H6	000075-19-4	9
4			Cyclopropene	40	C3H4	002781-85-3	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

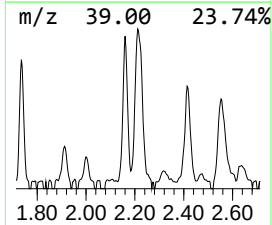
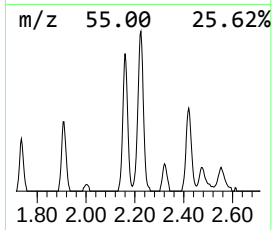
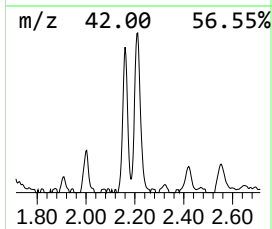
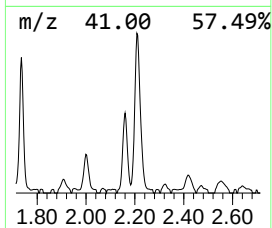
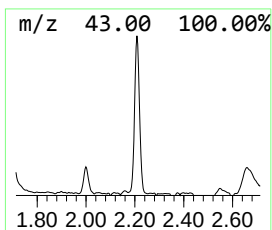
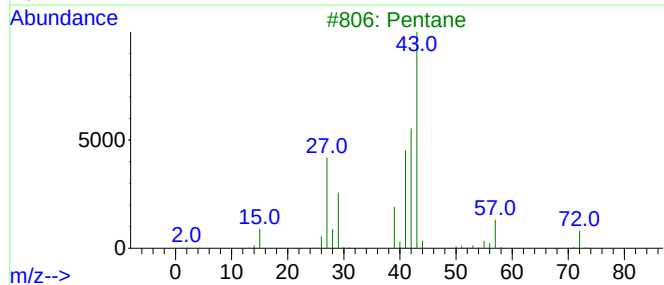
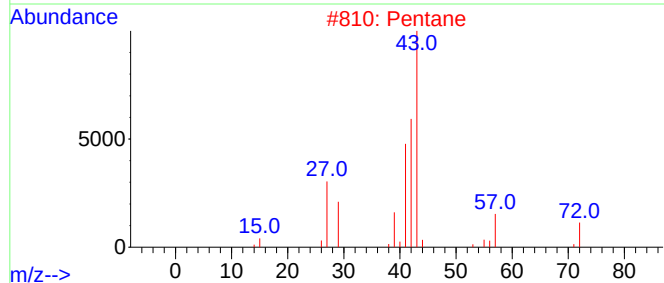
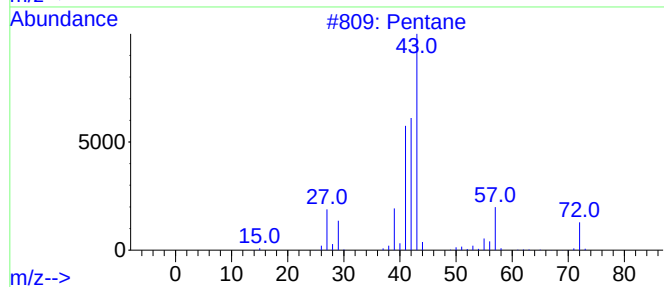
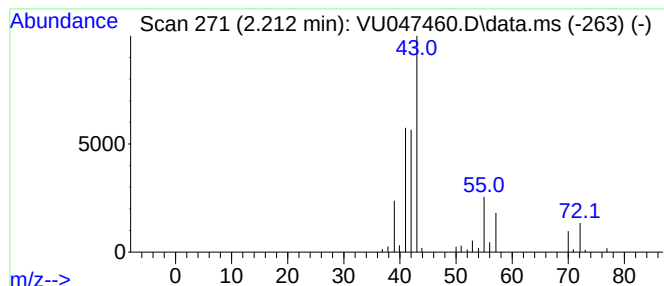
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.212	0.95 ug/L	60797	1,4-Difluorobenzene	6.253

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	86
2	Pentane		72	C5H12	000109-66-0	80
3	Pentane		72	C5H12	000109-66-0	72
4	Pentane		72	C5H12	000109-66-0	64
5	Pentane		72	C5H12	000109-66-0	64



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

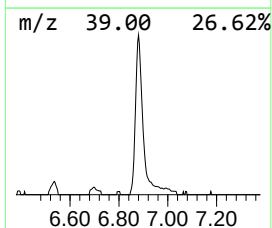
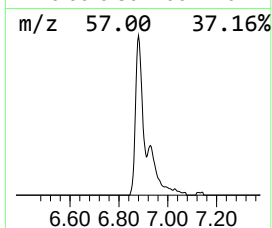
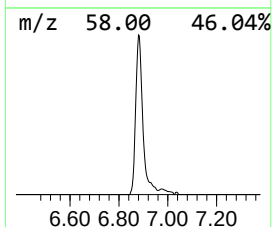
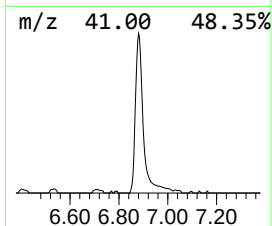
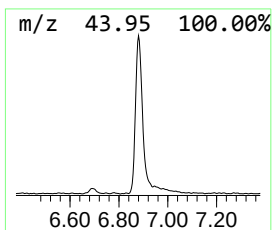
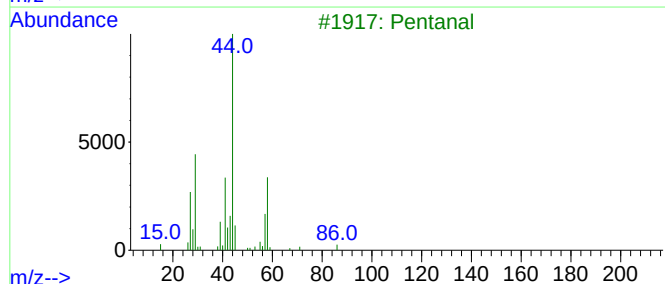
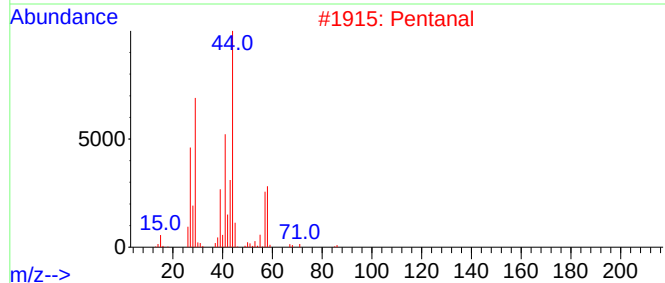
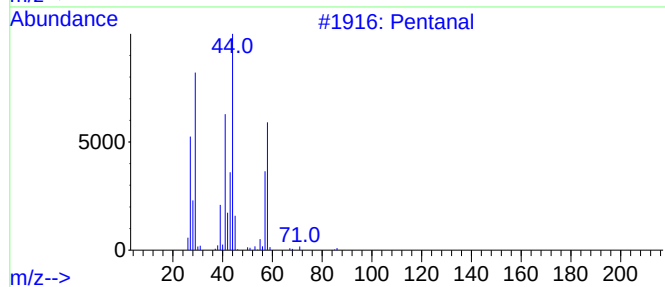
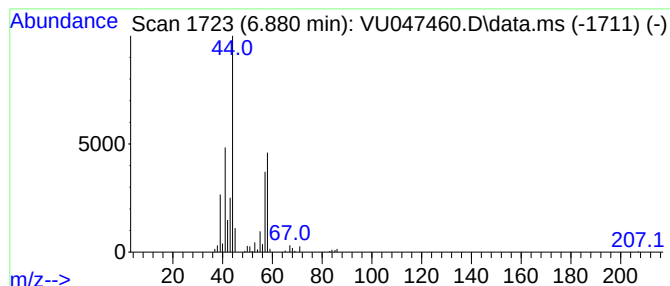
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.880	2.59 ug/L	165390	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	86
3	Pentanal			86	C5H10O	000110-62-3	83
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Pentanal			86	C5H10O	000110-62-3	64



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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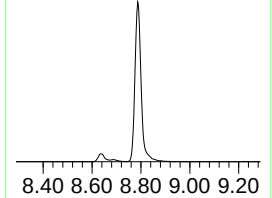
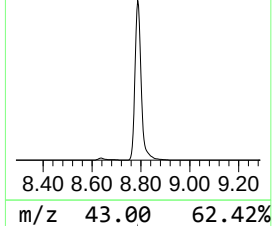
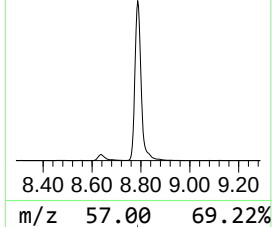
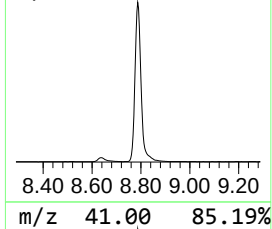
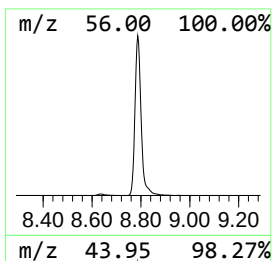
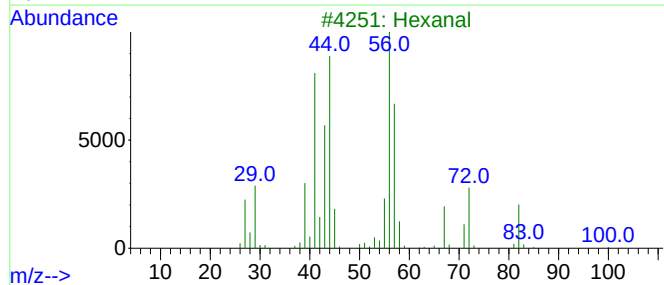
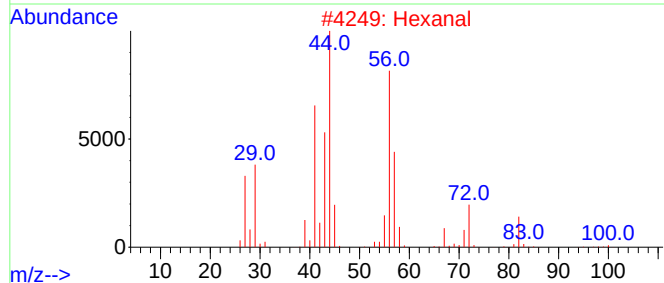
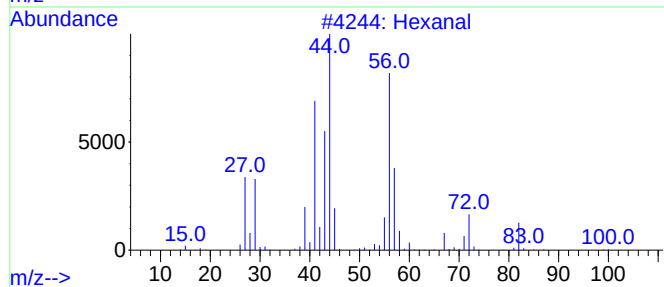
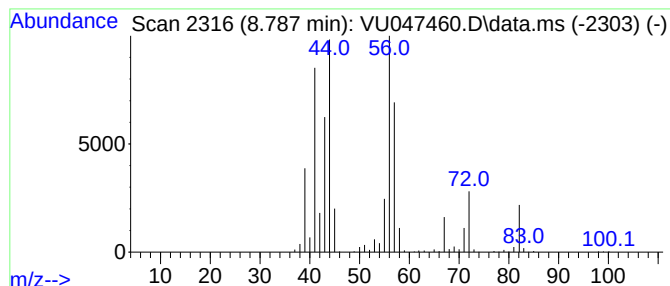
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	17.75 ug/L	1434680	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	93
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	72



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ALS Vial : 10 Sample Multiplier: 1

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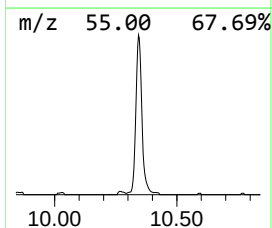
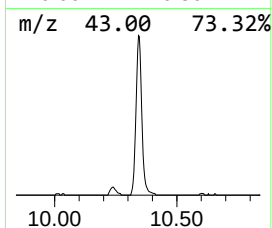
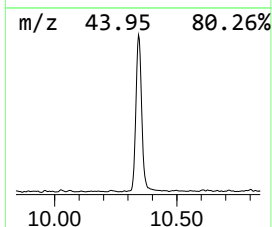
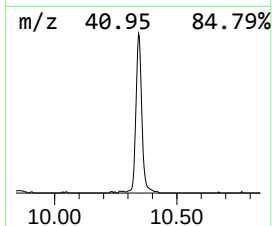
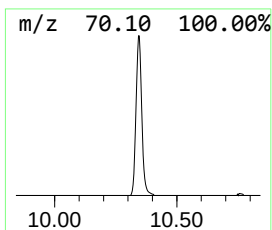
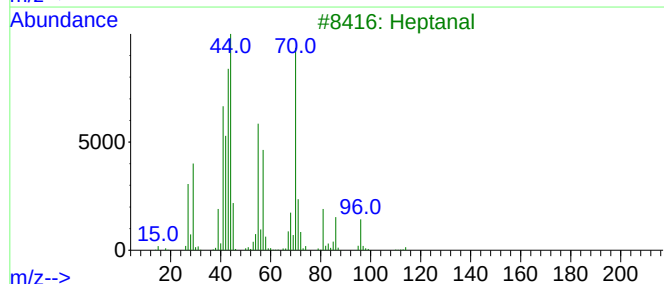
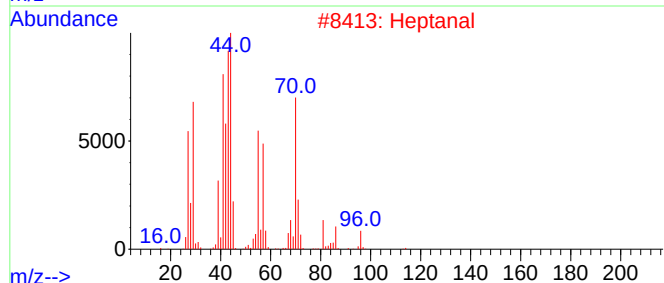
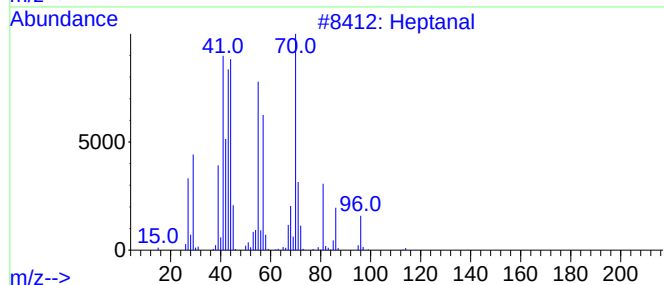
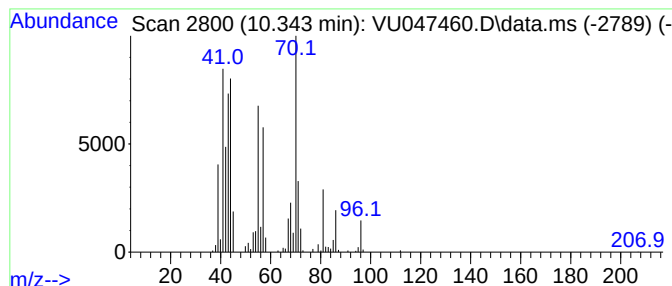
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.343	2.85 ug/L	230119	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	91
2	Heptanal			114	C7H14O	000111-71-7	72
3	Heptanal			114	C7H14O	000111-71-7	72
4	Heptanal			114	C7H14O	000111-71-7	72
5	Heptanal			114	C7H14O	000111-71-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
Data File : VU047460.D
Acq On : 10 Mar 2022 16:04
Operator : SY/MD
Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

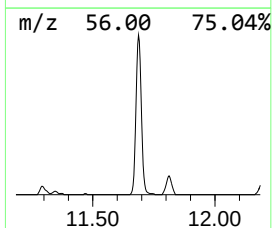
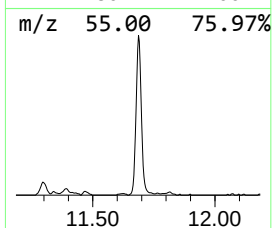
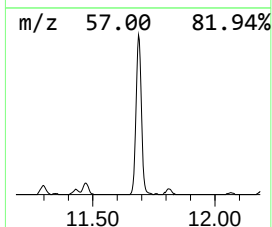
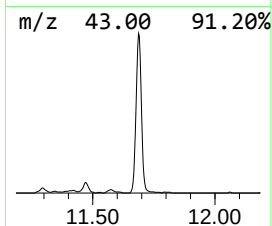
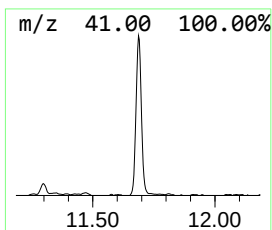
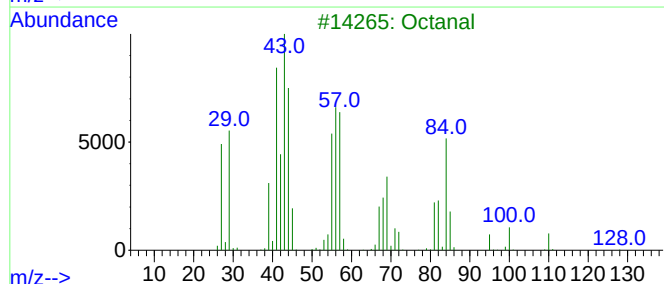
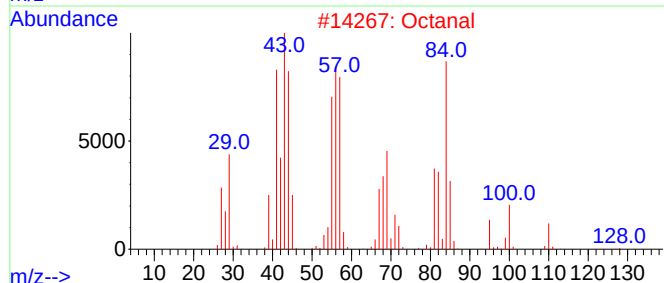
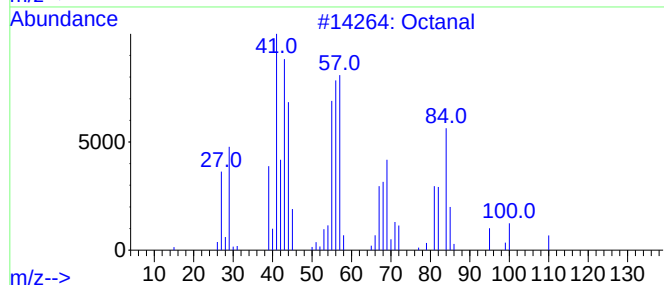
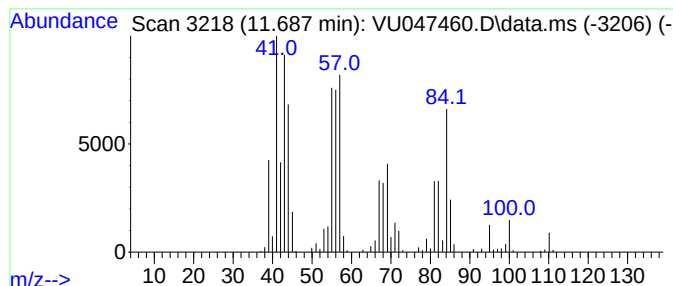
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	4.44 ug/L	398908	1,4-Dichlorobenzene-d4	11.812

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	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
Data File : VU047460.D
Acq On : 10 Mar 2022 16:04
Operator : SY/MD
Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

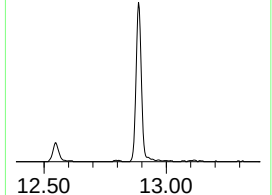
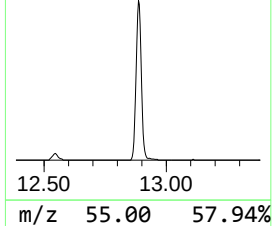
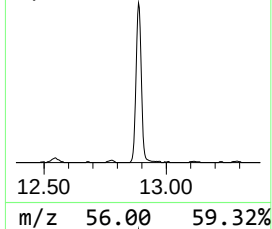
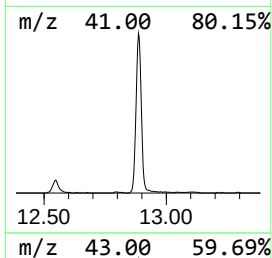
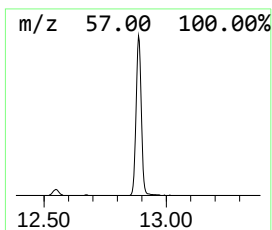
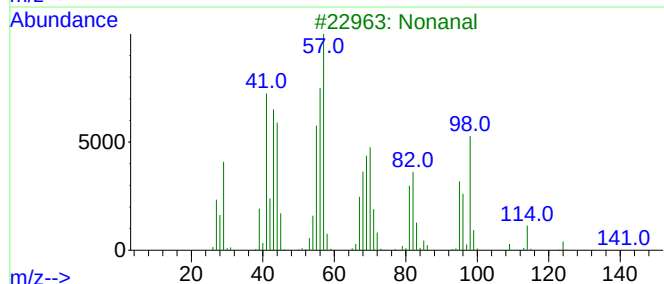
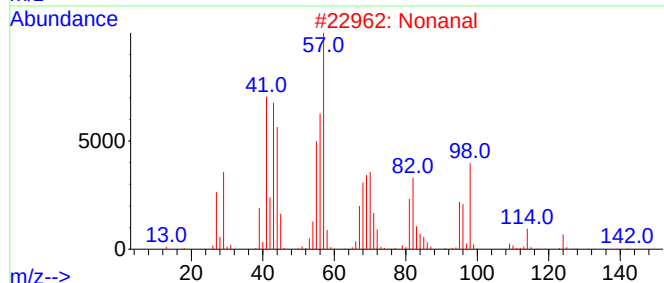
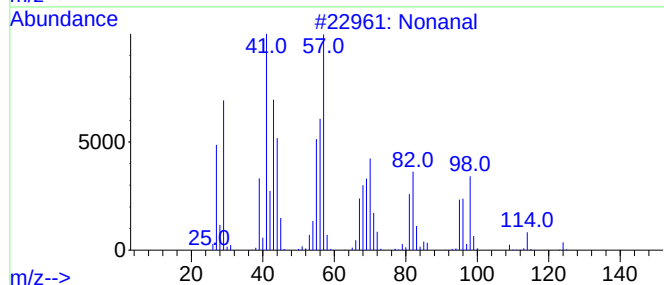
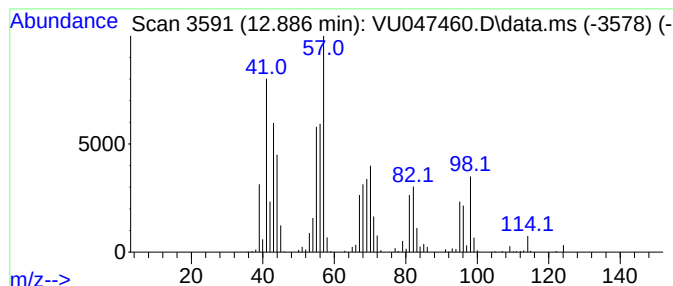
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	5.13 ug/L	460663	1,4-Dichlorobenzene-d4	11.812

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	91
4			Nonanal	142	C9H18O	000124-19-6	83
5			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
Data File : VU047460.D
Acq On : 10 Mar 2022 16:04
Operator : SY/MD
Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

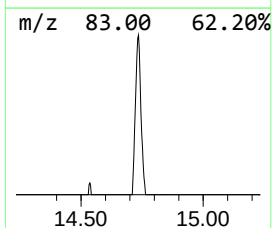
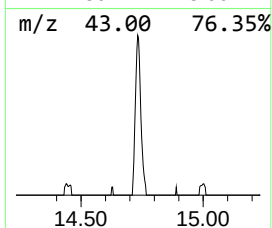
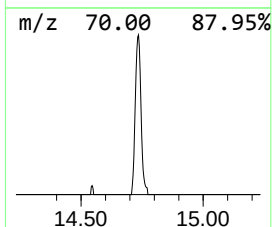
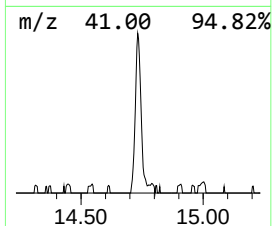
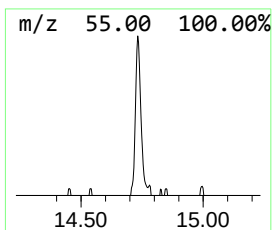
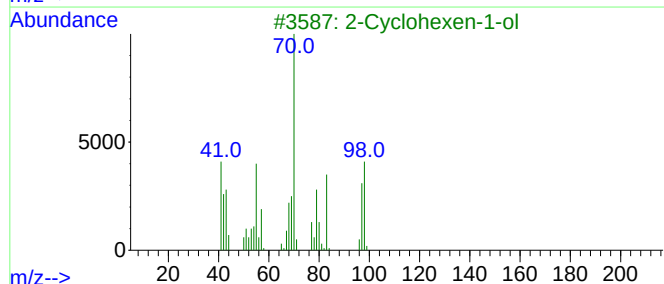
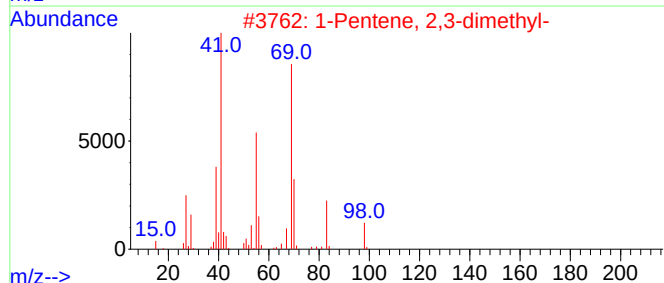
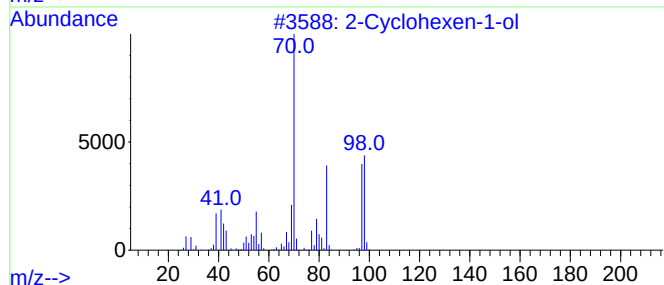
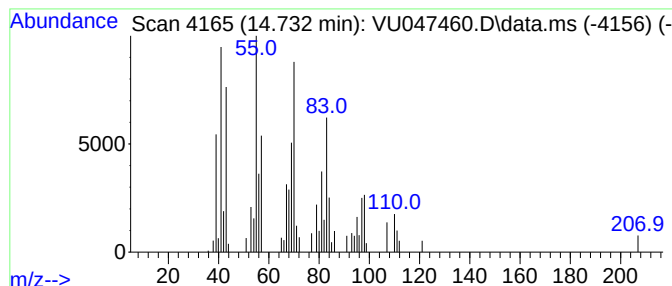
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	0.50 ug/L	45156	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
2		1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	49
3		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
4		2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	46
5		Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
Data File : VU047460.D
Acq On : 10 Mar 2022 16:04
Operator : SY/MD
Sample : N1840-02DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY21DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.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...	1.363	3.0	ug/L	191363	1	6.253	319826	5.0
(DEL) Alkane: S...	2.212	0.9	ug/L	60797	1	6.253	319826	5.0
Pentanal	6.880	2.6	ug/L	165390	1	6.253	319826	5.0
Hexanal	8.787	17.8	ug/L	1434680	2	9.417	404100	5.0
Heptanal	10.343	2.9	ug/L	230119	2	9.417	404100	5.0
Octanal	11.687	4.4	ug/L	398908	3	11.812	449330	5.0
Nonanal	12.886	5.1	ug/L	460663	3	11.812	449330	5.0
unknown-01	14.732	0.5	ug/L	45156	3	11.812	449330	5.0