

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047314.D
 Acq On : 03 Mar 2022 14:48
 Operator : SY/MD
 Sample : N1773-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY10

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\SFAMUTR021622WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU047314.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	23	rVB	115078	113428	2.84%	0.687%
2	1.600	70	81	97	rBV2	99893	163372	4.09%	0.989%
3	1.732	110	122	144	rBV3	36439	116275	2.91%	0.704%
4	1.925	174	182	200	rVB	52410	72090	1.80%	0.437%
5	2.575	365	384	417	rBV3	166271	368571	9.23%	2.232%
6	4.491	967	980	1003	rVB5	15901	45199	1.13%	0.274%
7	4.732	1035	1055	1105	rVB2	35073	185699	4.65%	1.124%
8	5.076	1146	1162	1184	rVB	84272	185901	4.65%	1.126%
9	5.742	1348	1369	1395	rBV2	183143	446480	11.18%	2.704%
10	6.276	1511	1535	1562	rBV	158112	307279	7.69%	1.861%
11	6.555	1608	1622	1636	rVB	29508	55711	1.39%	0.337%
12	6.716	1659	1672	1697	rBV2	105147	223155	5.59%	1.351%
13	6.912	1719	1733	1775	rBV	171187	387939	9.71%	2.349%
14	7.584	1933	1942	1953	rVB2	62320	104131	2.61%	0.631%
15	7.912	2033	2044	2058	rBV	211067	355002	8.89%	2.150%
16	8.195	2123	2132	2142	rVB	38710	62023	1.55%	0.376%
17	8.655	2263	2275	2288	rBV	284675	525063	13.14%	3.179%
18	8.803	2307	2321	2363	rVB	2271475	3995187	100.00%	24.193%
19	9.423	2503	2514	2533	rVB	228929	373532	9.35%	2.262%
20	10.243	2758	2769	2786	rBV	43530	73953	1.85%	0.448%
21	10.349	2789	2802	2832	rVB	417375	665970	16.67%	4.033%
22	10.761	2919	2930	2942	rBV	95407	154848	3.88%	0.938%
23	10.906	2963	2975	2984	rBV	21625	46598	1.17%	0.282%
24	11.259	3074	3085	3090	rBV	96907	144536	3.62%	0.875%
25	11.298	3090	3097	3106	rVB	148063	219385	5.49%	1.328%
26	11.388	3118	3125	3132	rBV	44975	67206	1.68%	0.407%
27	11.426	3132	3137	3146	rVB4	32148	46158	1.16%	0.280%
28	11.574	3173	3183	3192	rBV	28012	43569	1.09%	0.264%
29	11.687	3205	3218	3245	rBV	921509	1376090	34.44%	8.333%
30	11.812	3245	3257	3275	rVB	296651	468577	11.73%	2.837%
31	12.063	3322	3335	3353	rBV3	40011	100066	2.50%	0.606%
32	12.195	3364	3376	3386	rBV	229625	360266	9.02%	2.182%
33	12.542	3469	3484	3513	rBV3	253474	477849	11.96%	2.894%
34	12.774	3544	3556	3578	rBV2	66706	128625	3.22%	0.779%
35	12.886	3578	3591	3609	rBV	1149973	1663405	41.64%	10.073%
36	13.684	3830	3839	3856	rVB2	111866	170356	4.26%	1.032%

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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\SFAMUTR021622WMA.M
Title : TRACE VOA SFAM1.0

37	13.870	3885	3897	3902	rBV	40156	73928	1.85%	0.448%
38	14.732	4152	4165	4188	rBV	867500	1268348	31.75%	7.680%
39	15.127	4277	4288	4302	rBV2	48126	79364	1.99%	0.481%
40	15.368	4349	4363	4387	rBV	232907	387783	9.71%	2.348%
41	15.709	4455	4469	4488	rBV3	117510	213634	5.35%	1.294%
42	16.883	4822	4834	4847	rBV3	100471	197603	4.95%	1.197%

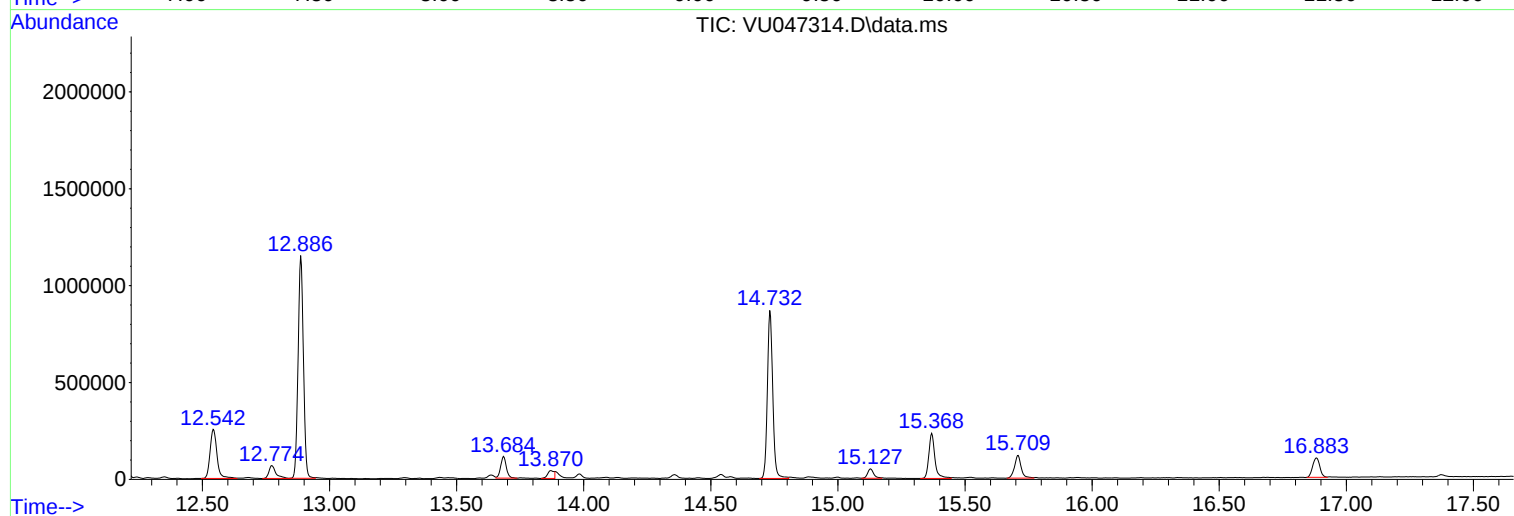
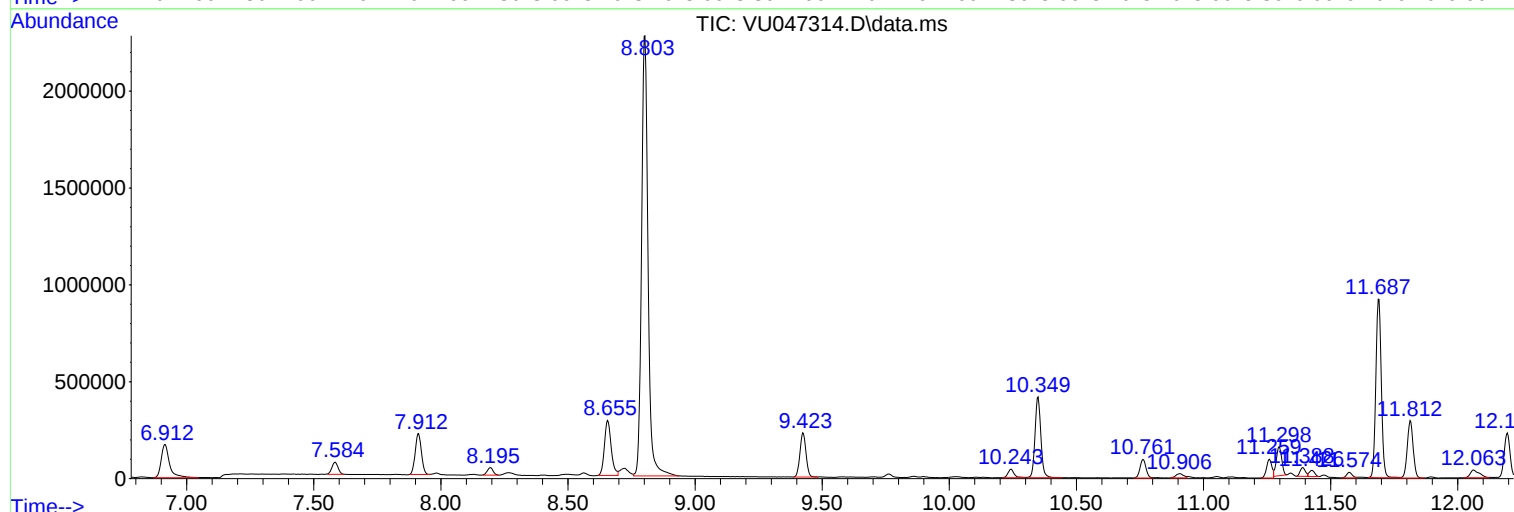
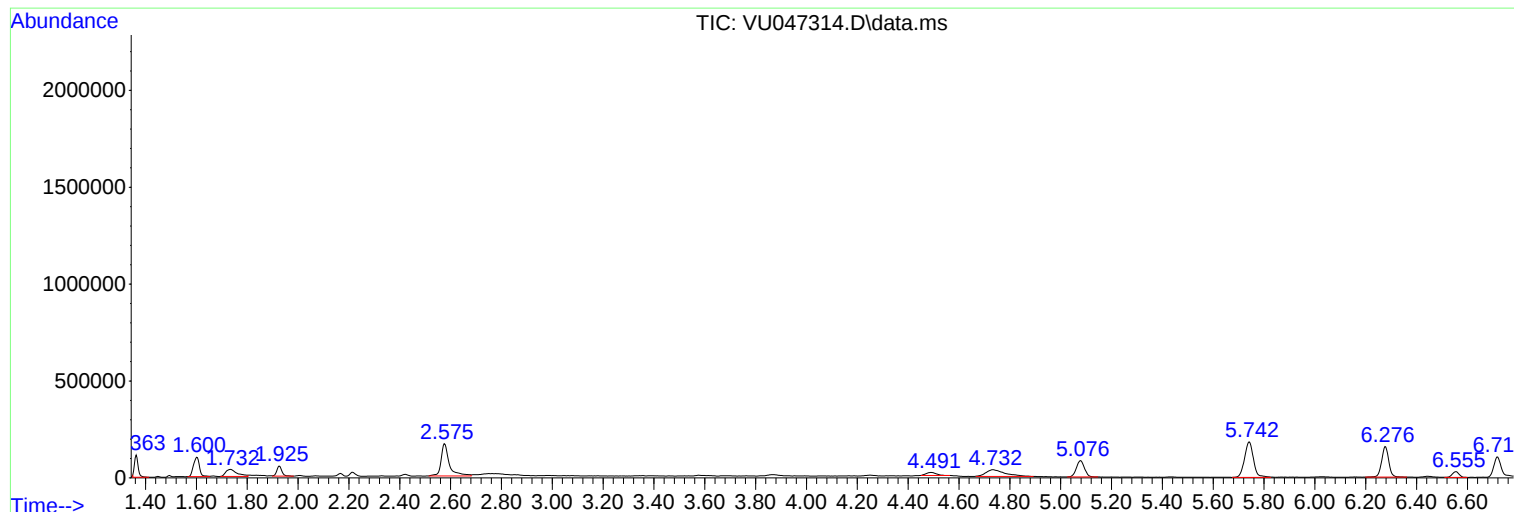
Sum of corrected areas: 16514154

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

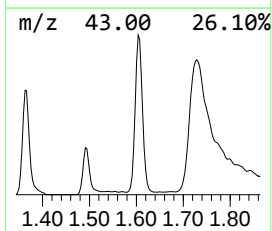
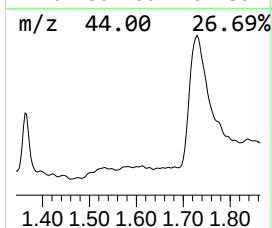
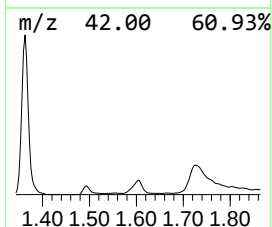
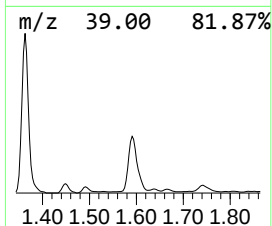
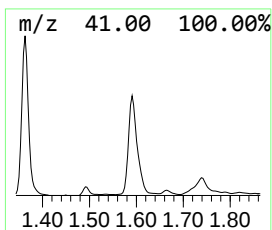
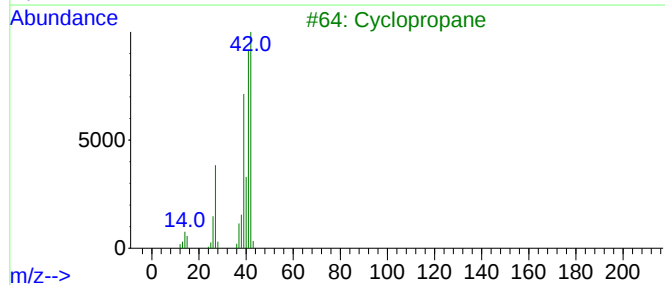
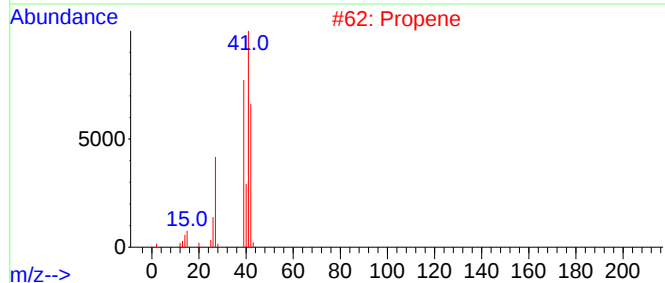
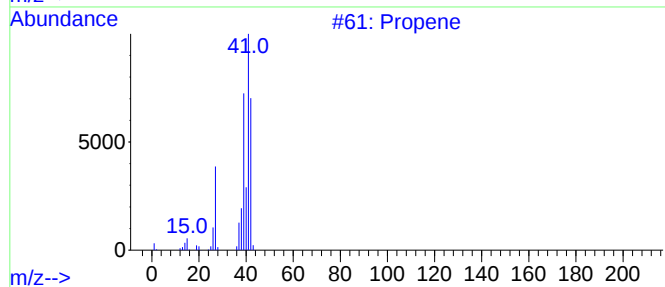
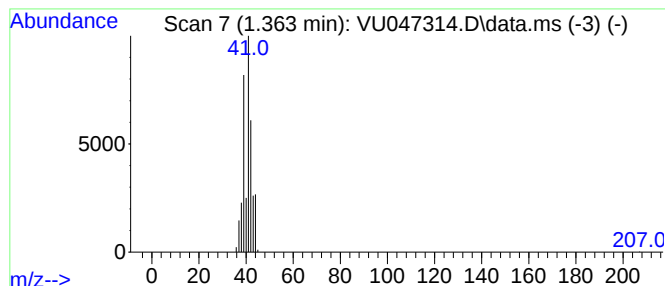
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	1.85 ug/L	113428	1,4-Difluorobenzene	6.276

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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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

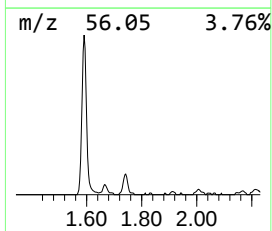
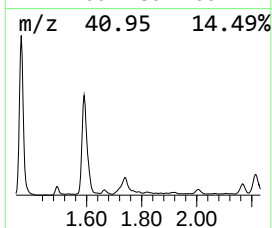
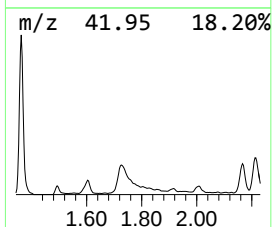
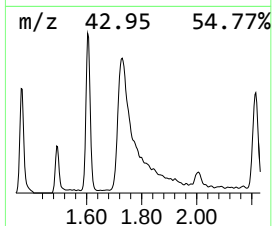
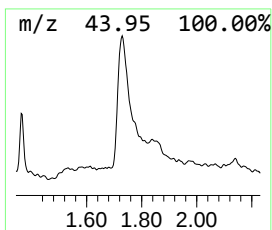
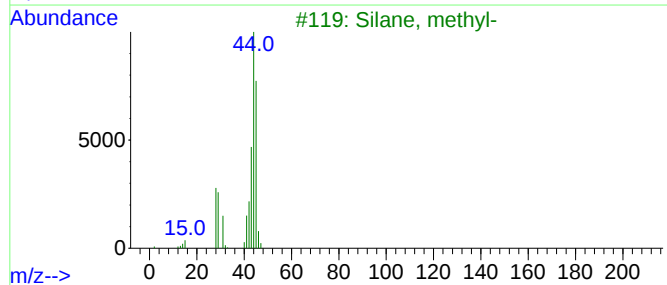
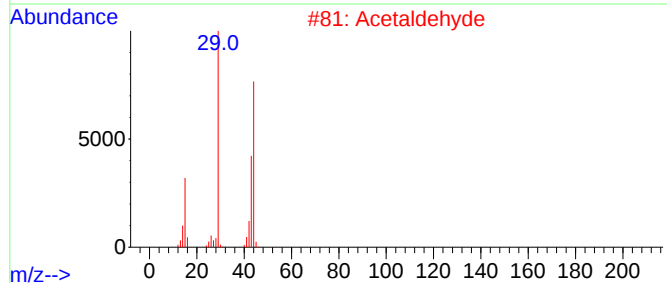
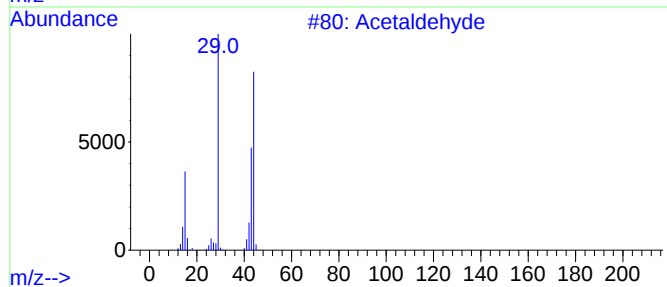
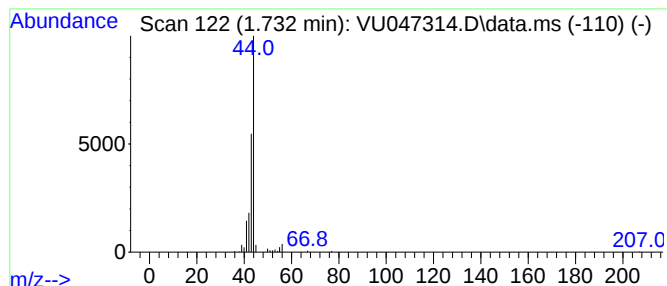
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	1.89 ug/L	116275	1,4-Difluorobenzene	6.276

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	9
2			Acetaldehyde	44	C2H4O	000075-07-0	9
3			Silane, methyl-	46	CH6Si	000992-94-9	9
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
BFY10

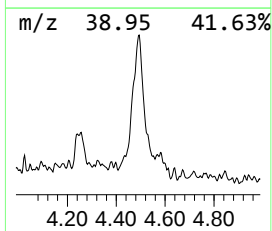
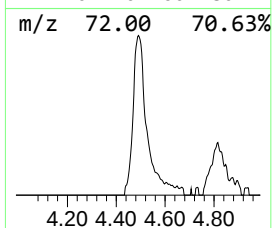
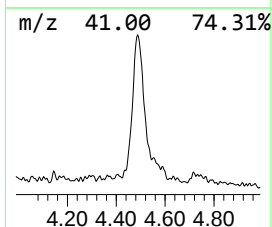
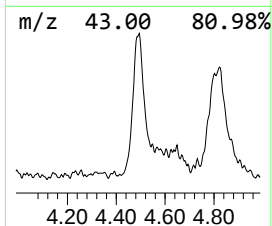
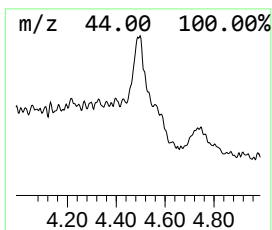
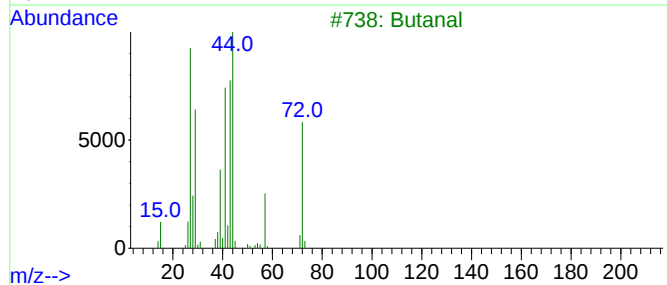
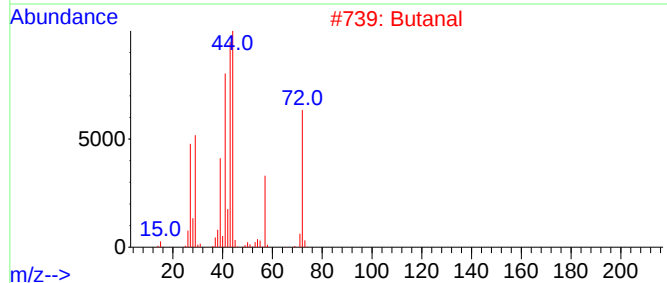
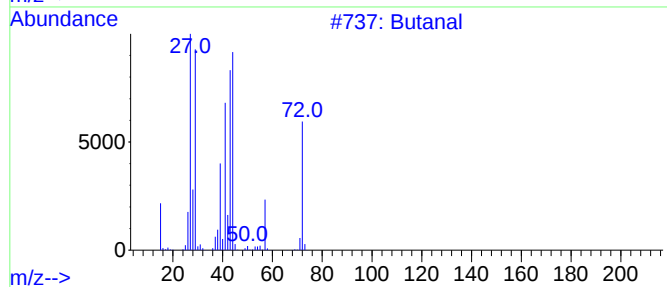
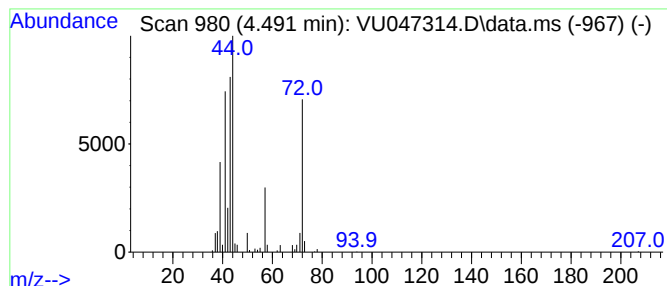
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Butanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.491	0.74 ug/L	45199	1,4-Difluorobenzene	6.276

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	68
4	Butanal			72	C4H8O	000123-72-8	64
5	Butanal			72	C4H8O	000123-72-8	58



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ClientSampleId :
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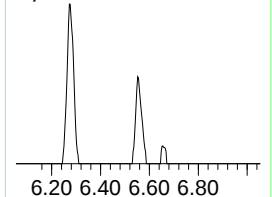
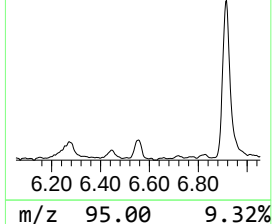
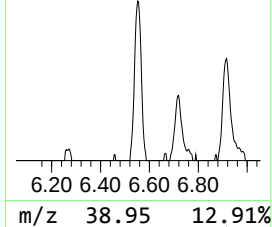
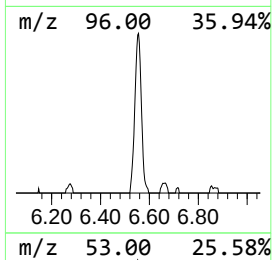
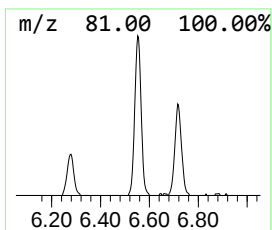
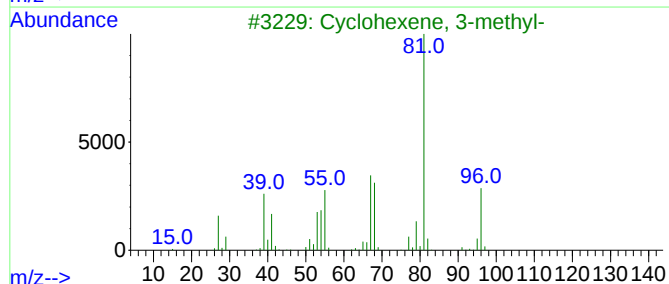
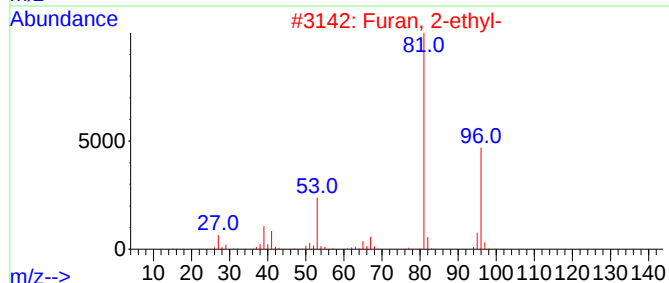
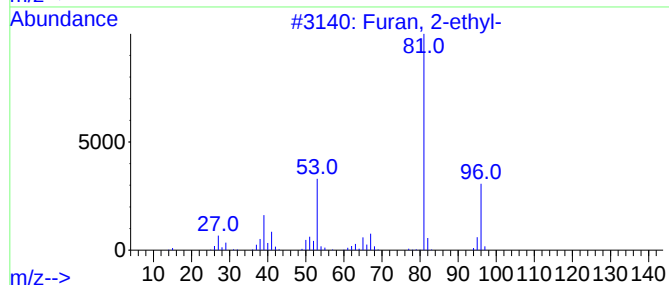
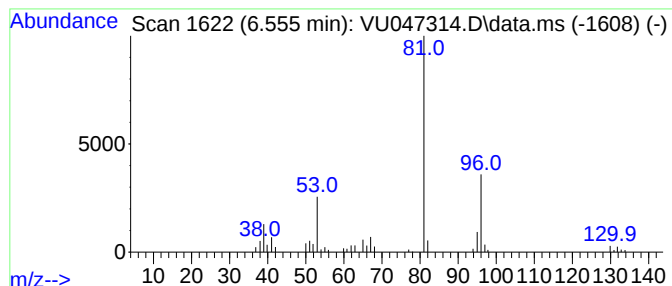
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Furan, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.555	0.91 ug/L	55711	1,4-Difluorobenzene	6.276

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2-ethyl-	96	C6H8O	003208-16-0	93
2			Furan, 2-ethyl-	96	C6H8O	003208-16-0	86
3			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	78
4			2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	72
5			Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	72



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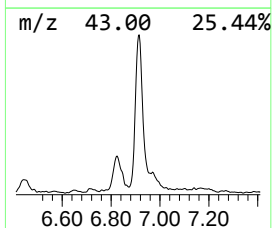
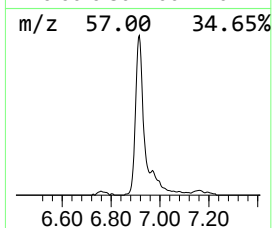
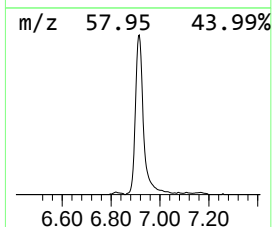
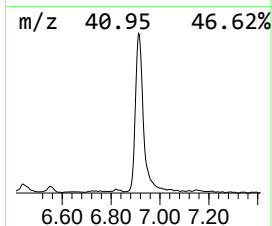
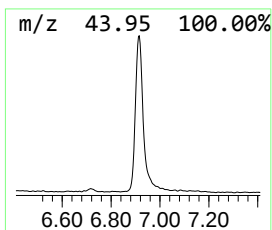
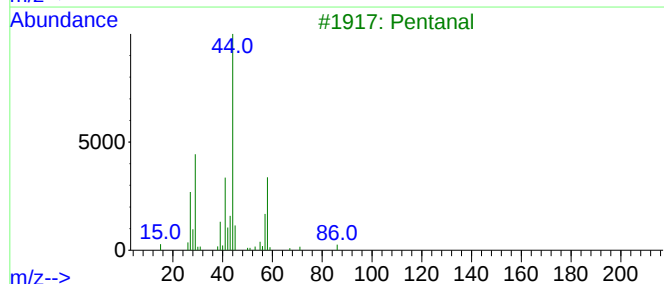
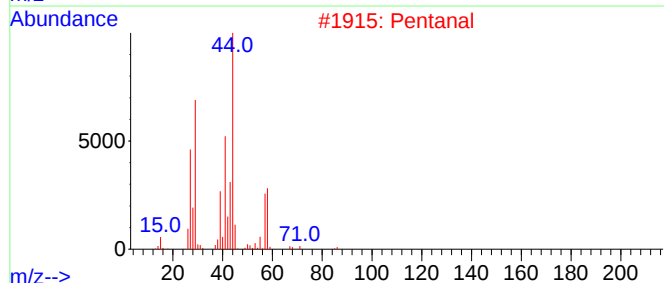
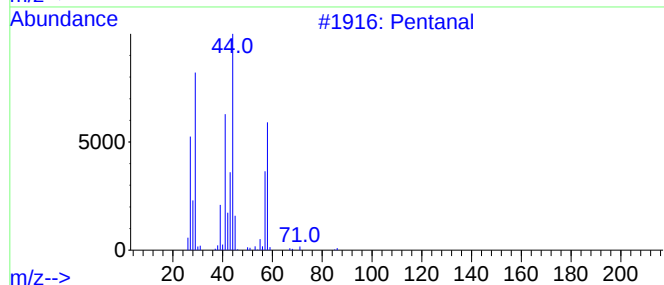
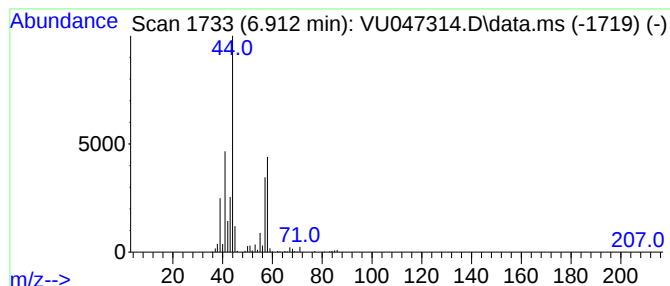
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Pentanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.912	6.31 ug/L	387939	1,4-Difluorobenzene	6.276

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	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Pentanal			86	C5H10O	000110-62-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

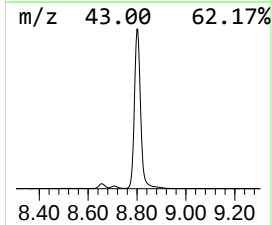
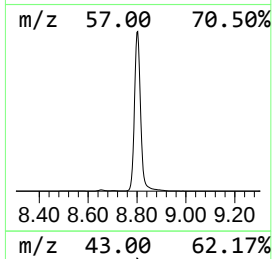
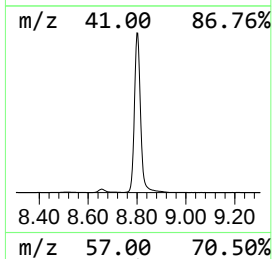
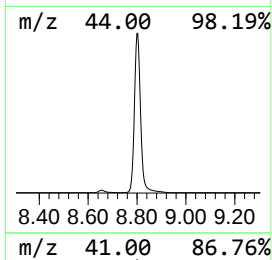
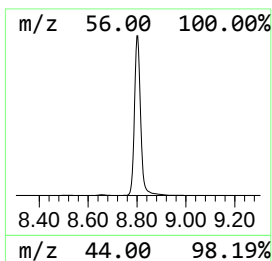
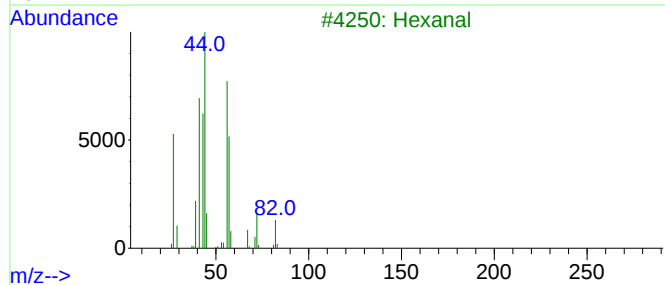
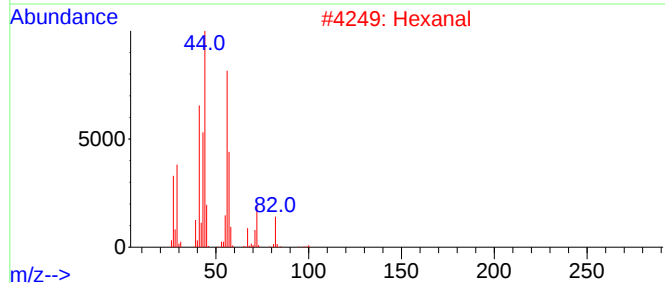
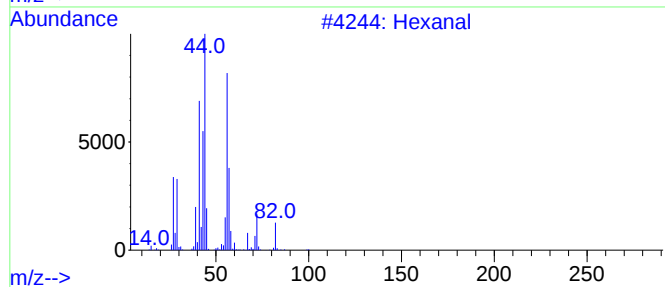
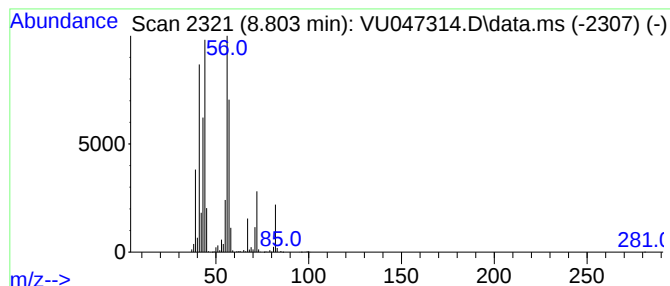
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	53.48 ug/L	3995190	Chlorobenzene-d5	9.423

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	72
5	Hexanal			100	C6H12O	000066-25-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

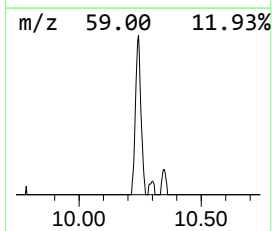
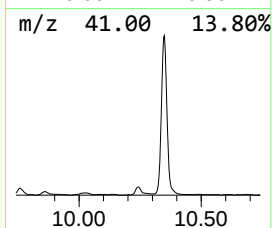
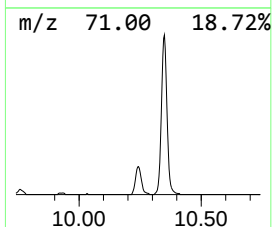
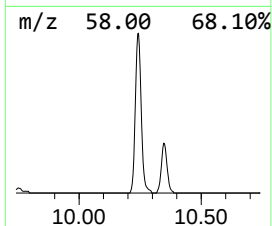
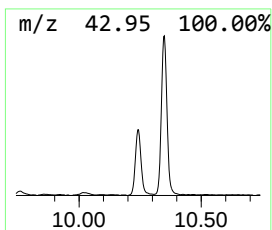
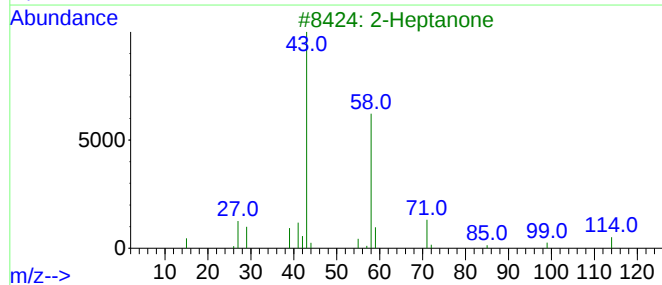
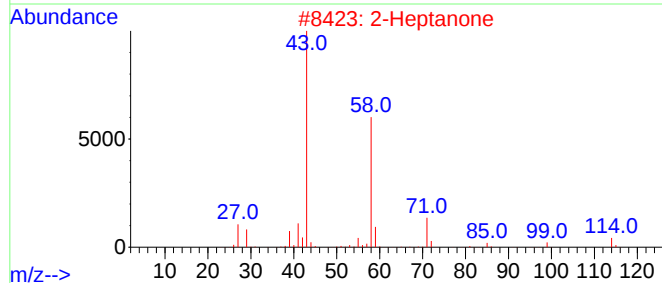
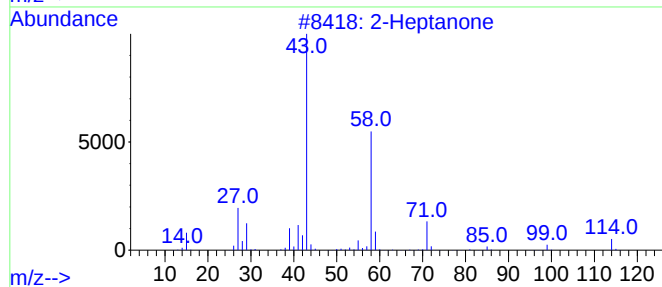
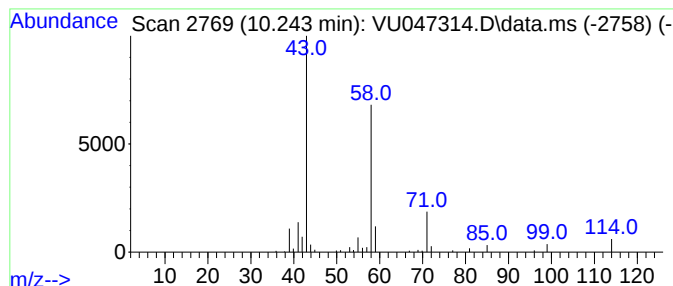
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 2-Heptanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.243	0.99 ug/L	73953	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone	114	C7H14O	000110-43-0	91
2			2-Heptanone	114	C7H14O	000110-43-0	91
3			2-Heptanone	114	C7H14O	000110-43-0	91
4			2-Heptanone	114	C7H14O	000110-43-0	91
5			2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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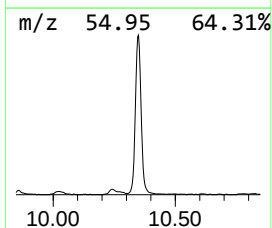
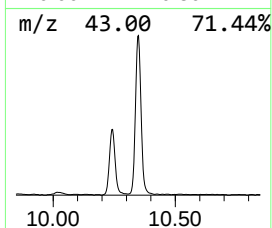
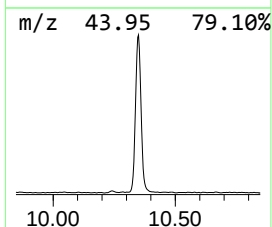
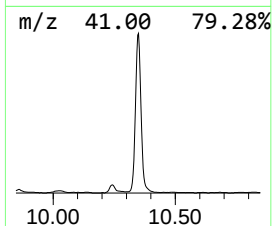
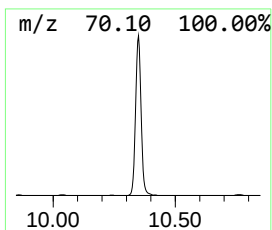
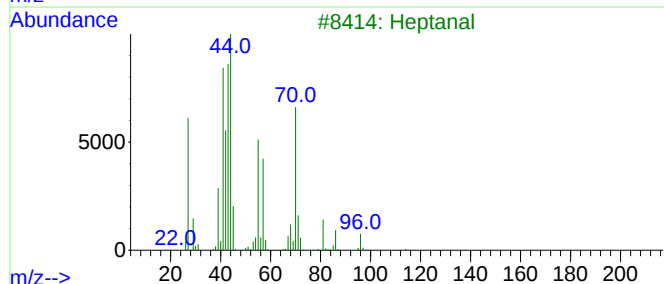
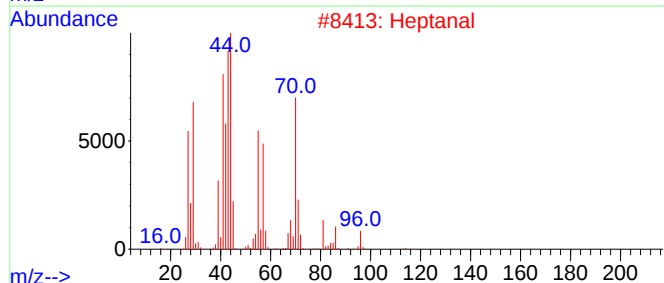
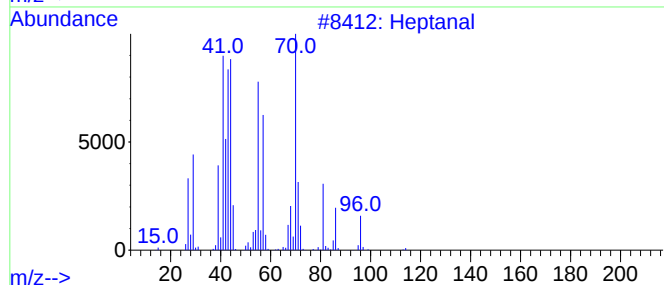
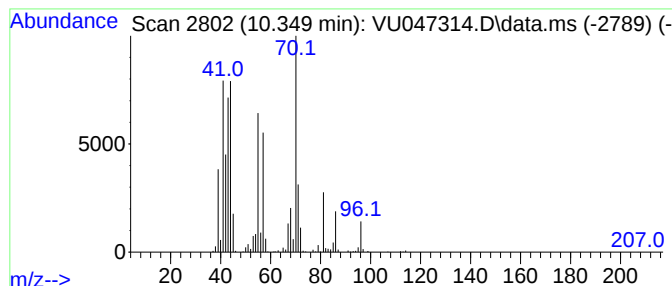
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Heptanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	8.91 ug/L	665970	Chlorobenzene-d5	9.423

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	94
4	Heptanal			114	C7H14O	000111-71-7	72
5	Heptanal			114	C7H14O	000111-71-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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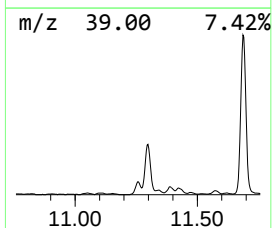
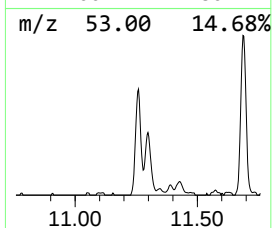
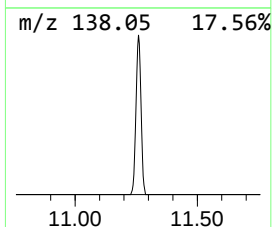
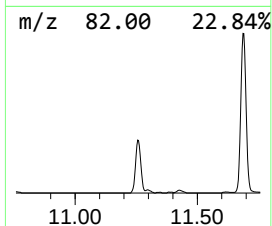
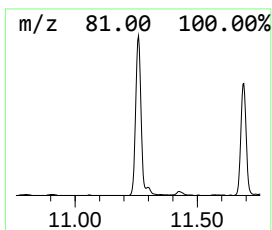
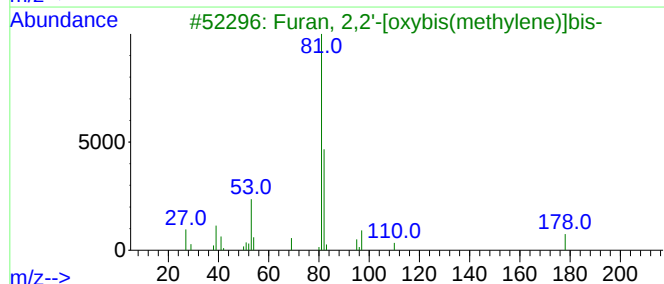
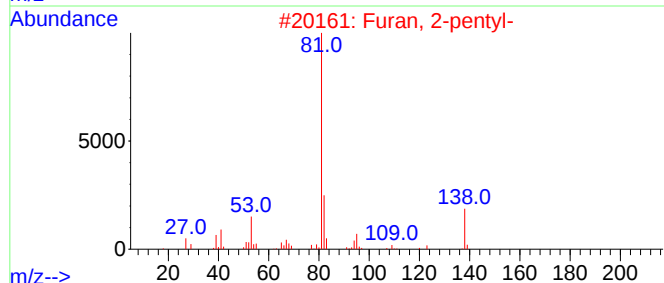
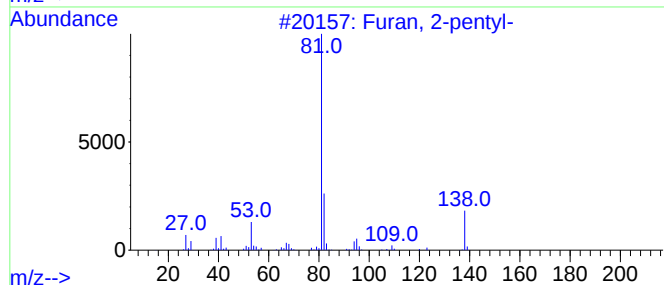
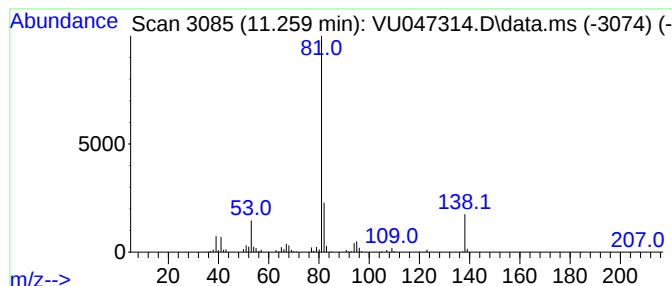
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Furan, 2-pentyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.259	1.54 ug/L	144536	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
2			Furan, 2-pentyl-	138	C9H14O	003777-69-3	78
3			Furan, 2,2'-[oxybis(methylene)]bis-	178	C10H10O3	004437-22-3	42
4			2-n-Heptylfuran	166	C11H18O	003777-71-7	39
5			Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	39



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

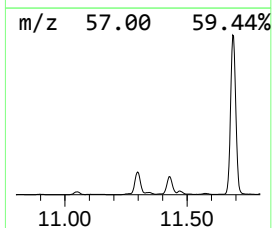
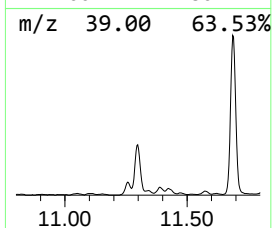
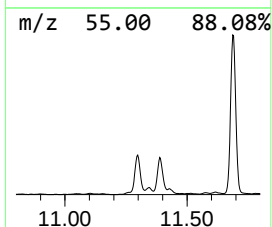
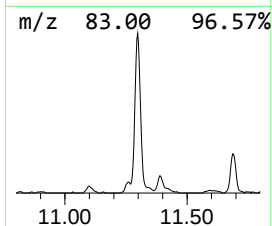
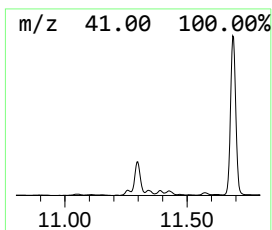
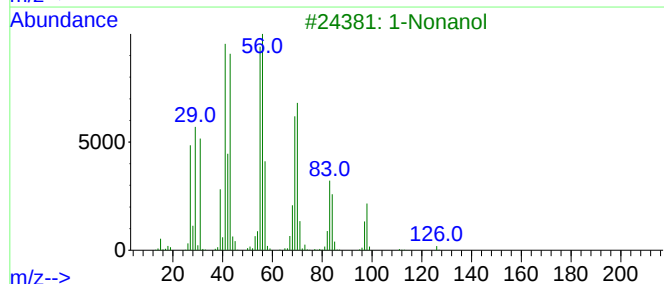
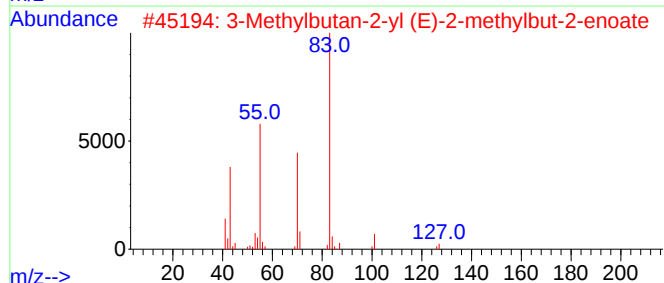
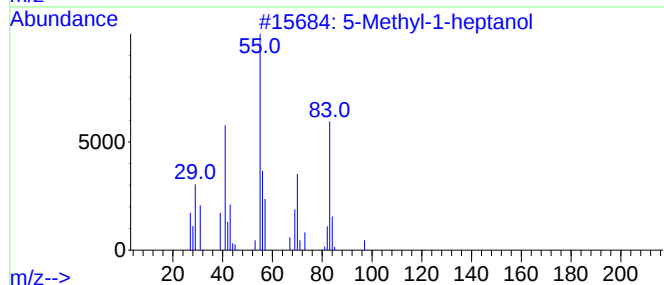
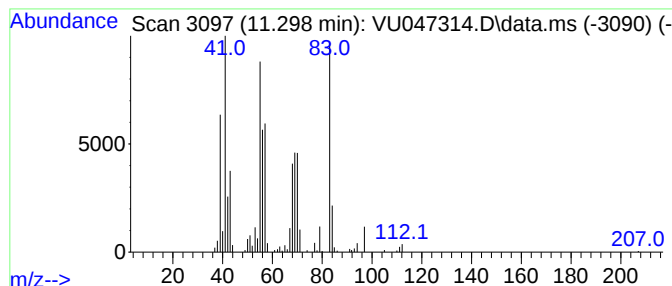
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	2.34 ug/L	219385	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-1-heptanol	130	C8H18O	007212-53-5	47
2			3-Methylbutan-2-yl (E)-2-methylb...	170	C10H18O2	1000373-73-4	43
3			1-Nonanol	144	C9H20O	000143-08-8	38
4			1-Octanol	130	C8H18O	000111-87-5	35
5			2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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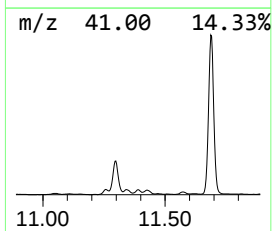
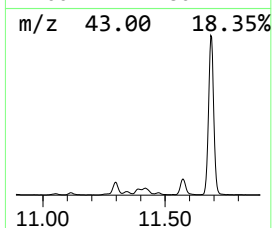
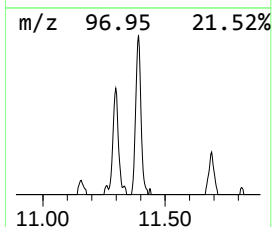
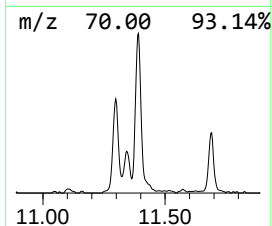
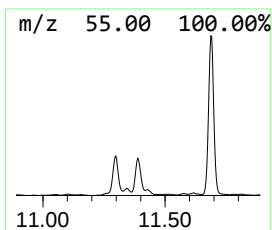
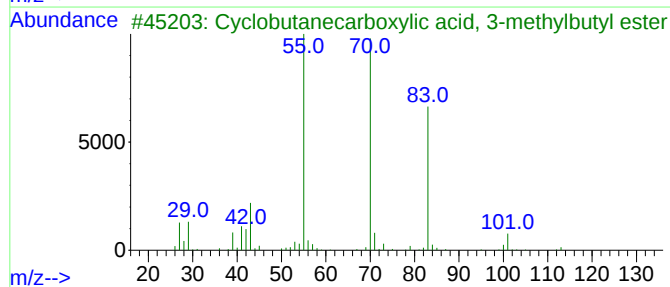
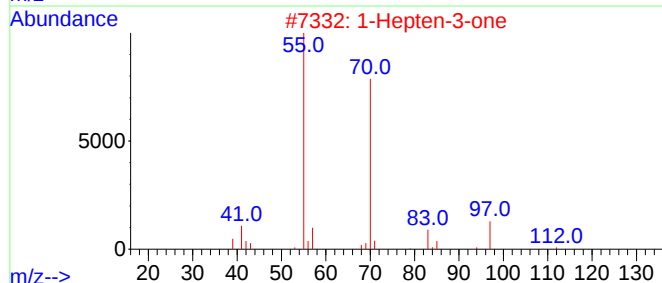
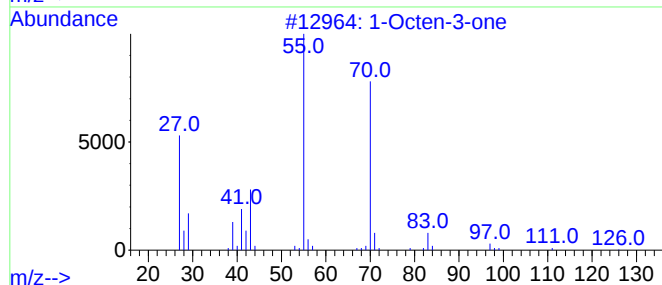
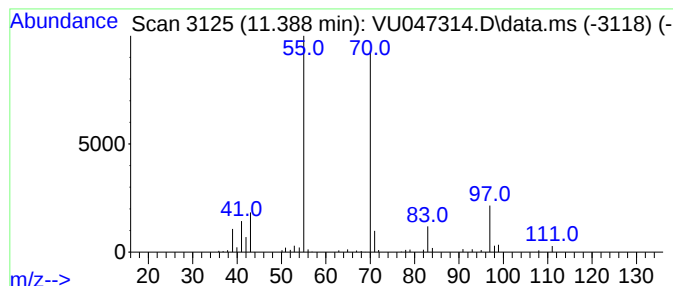
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 1-Octen-3-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.388	0.72 ug/L	67206	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octen-3-one	126	C8H14O	004312-99-6	64
2			1-Hepten-3-one	112	C7H12O	002918-13-0	39
3			Cyclobutanecarboxylic acid, 3-me...	170	C10H18O2	1000282-21-7	38
4			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	10
5			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

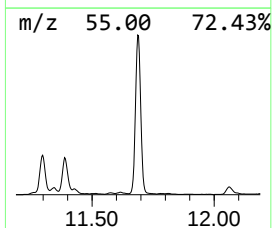
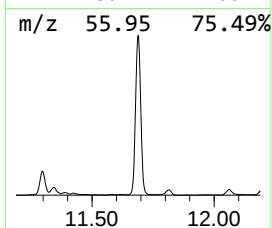
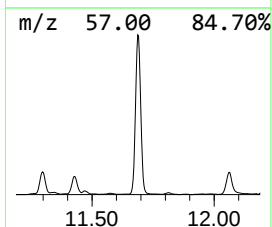
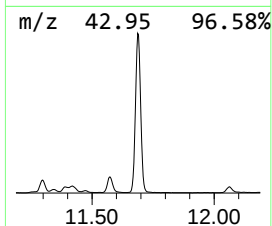
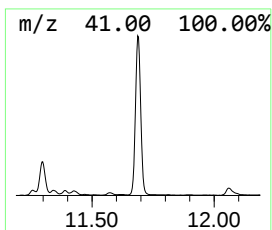
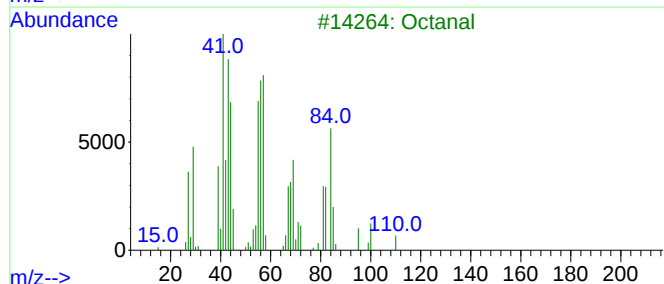
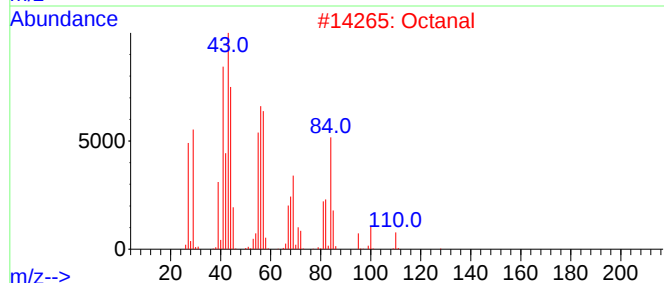
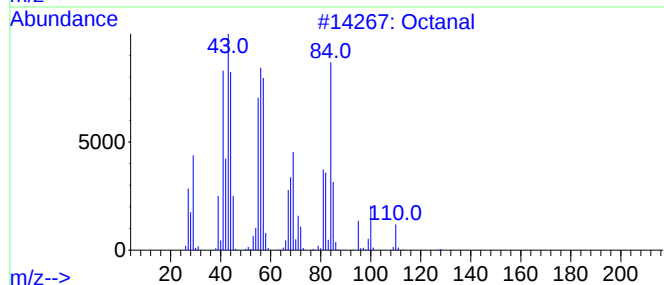
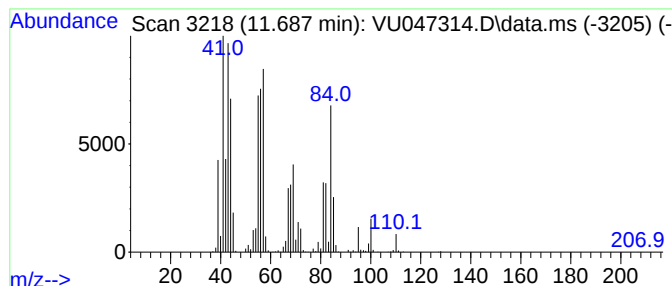
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	14.68 ug/L	1376090	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	97
2	Octanal			128	C8H16O	000124-13-0	93
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

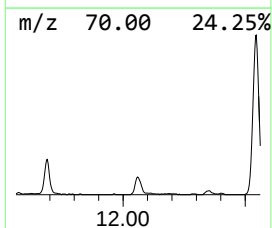
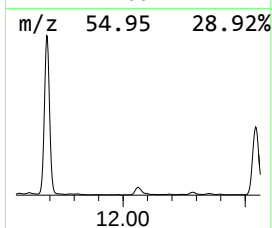
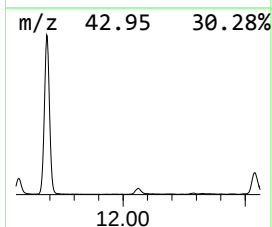
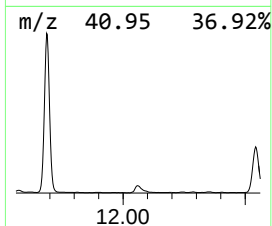
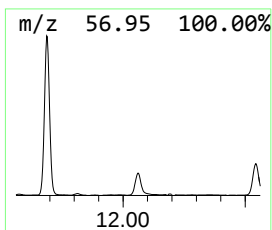
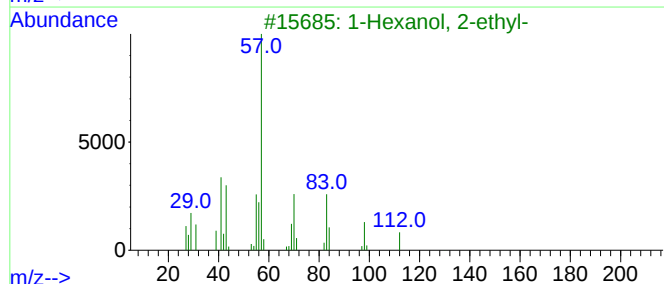
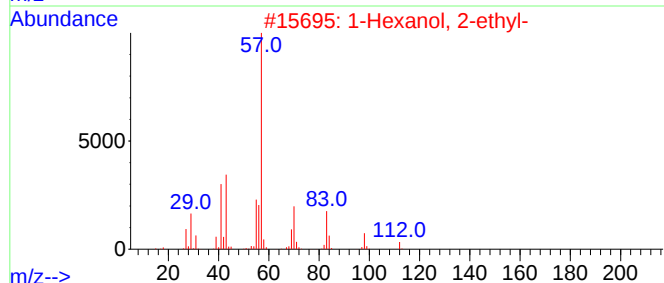
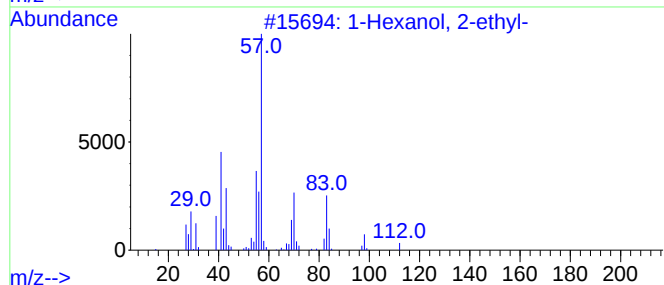
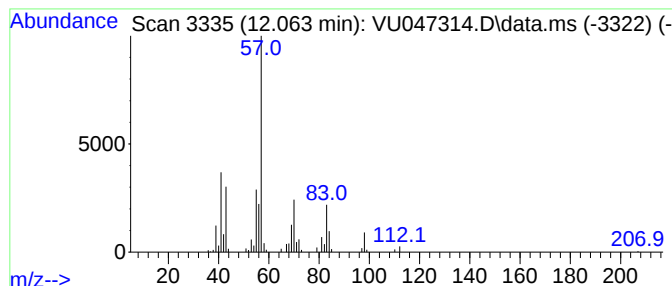
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 1-Hexanol, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	1.07 ug/L	100066	1,4-Dichlorobenzene-d4	11.812

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_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

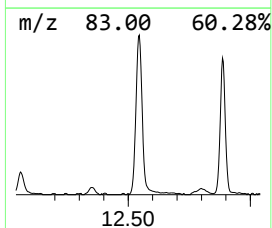
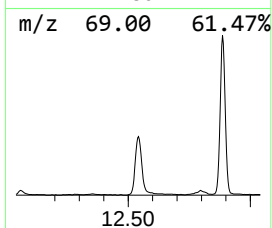
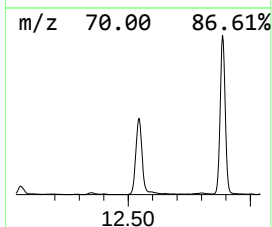
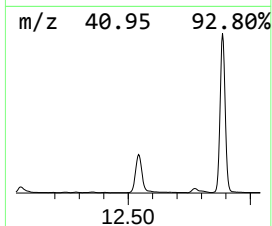
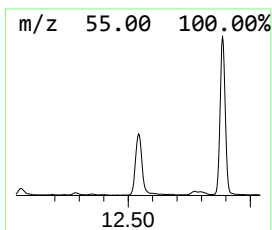
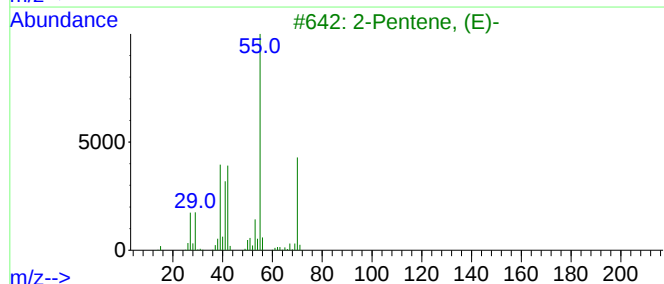
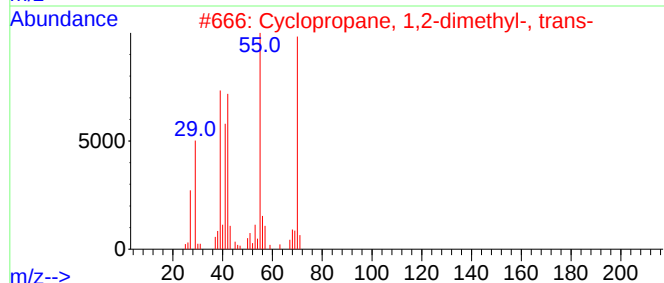
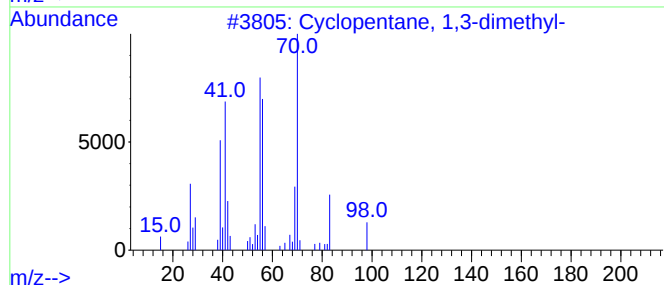
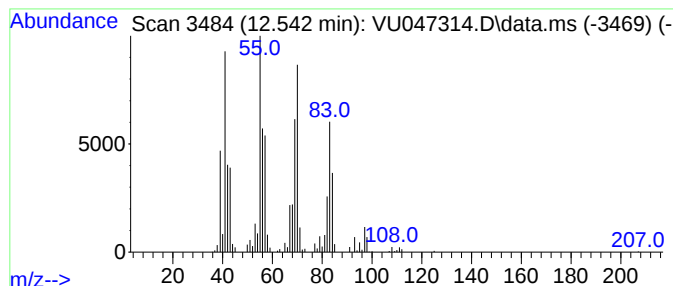
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.542 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	5.10 ug/L	477849	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43
2			Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38
3			2-Pentene, (E)-	70	C5H10	000646-04-8	30
4			1-Hepten-3-one	112	C7H12O	002918-13-0	27
5			2-Hexene, (Z)-	84	C6H12	007688-21-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

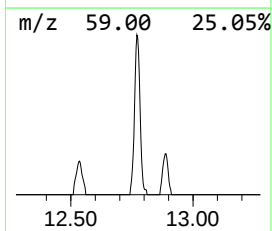
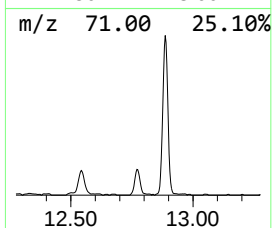
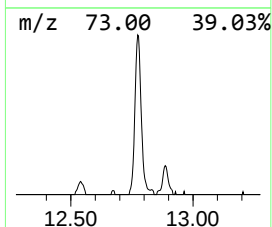
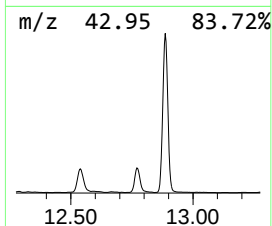
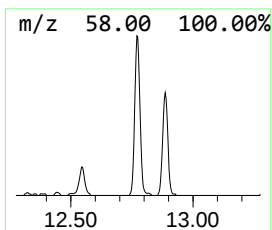
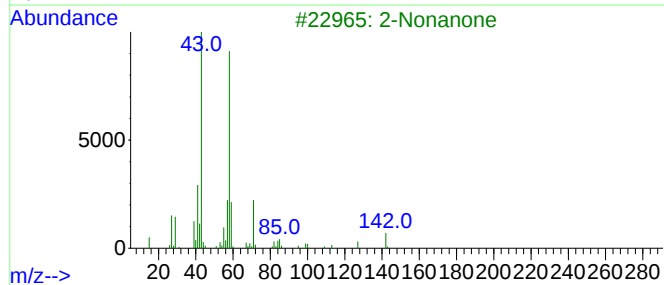
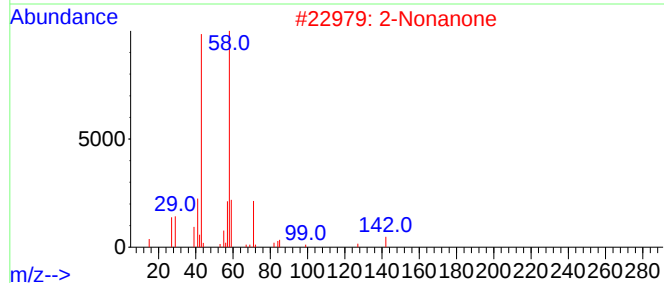
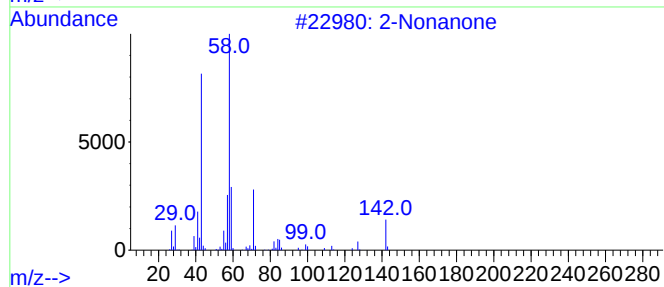
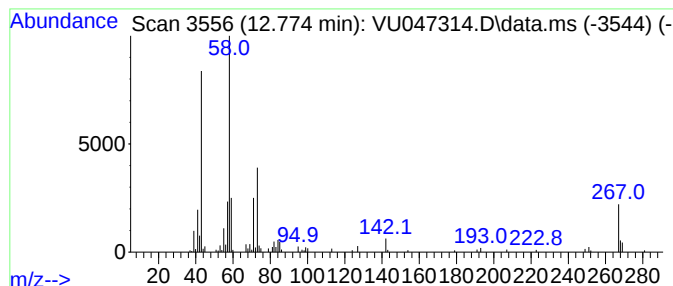
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 2-Nonanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.774	1.37 ug/L	128625	1,4-Dichlorobenzene-d4	11.812	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone	142	C9H18O	000821-55-6	70
2	2-Nonanone	142	C9H18O	000821-55-6	70
3	2-Nonanone	142	C9H18O	000821-55-6	70
4	2-Decanone	156	C10H20O	000693-54-9	53
5	2-Undecanone	170	C11H22O	000112-12-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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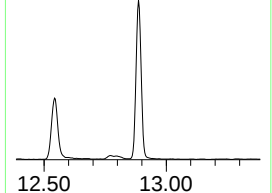
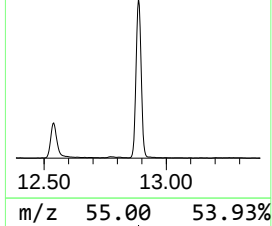
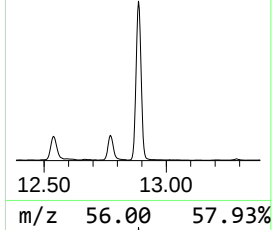
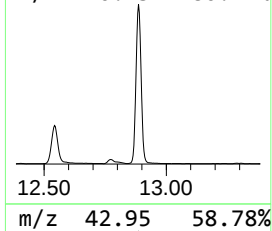
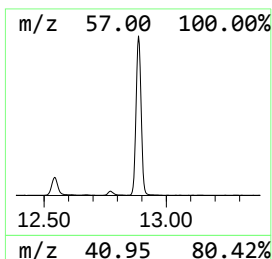
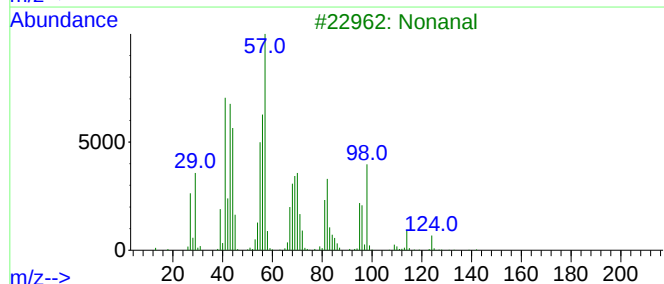
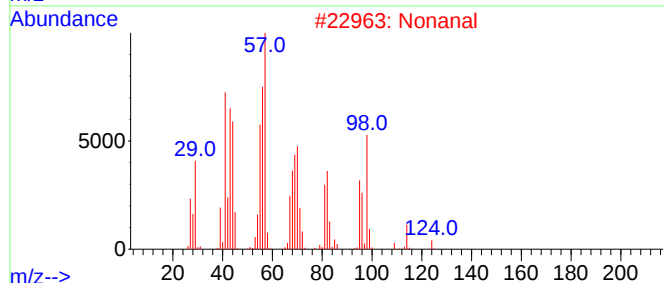
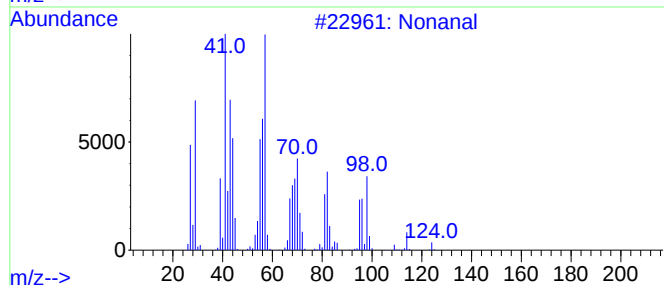
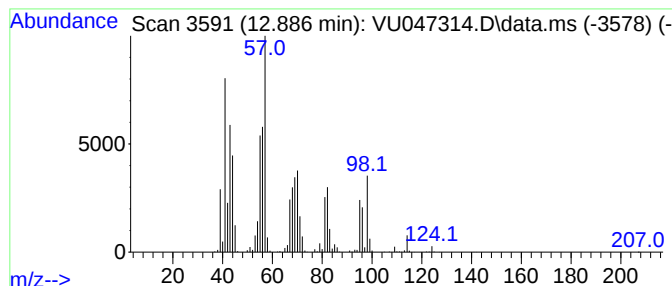
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	17.75 ug/L	1663410	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	90
5			5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

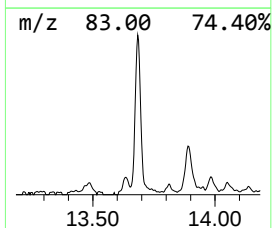
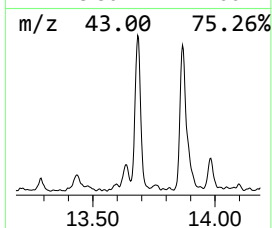
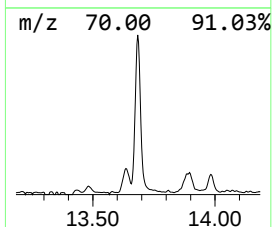
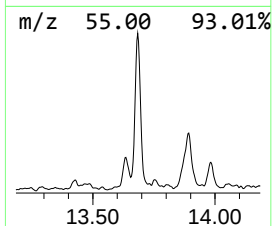
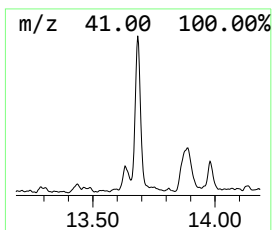
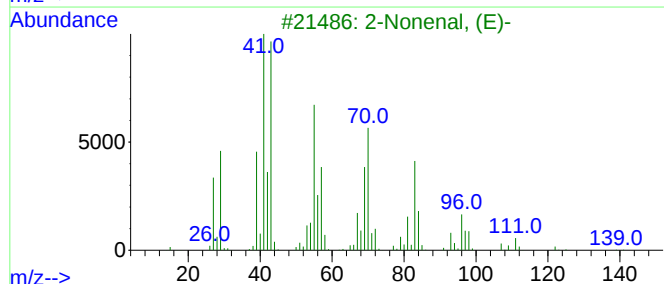
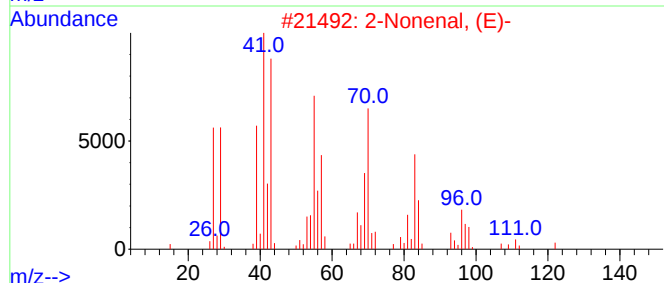
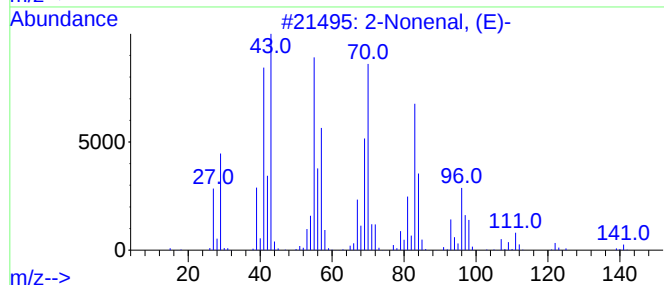
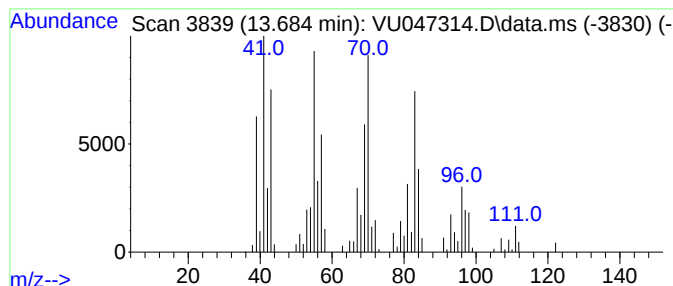
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 2-Nonenal, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.684	1.82 ug/L	170356	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonenal, (E)-	140	C9H16O	018829-56-6	90
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	78
3			2-Nonenal, (E)-	140	C9H16O	018829-56-6	78
4			2-Nonenal, (Z)-	140	C9H16O	060784-31-8	72
5			Formic acid, oct-2-yl ester	158	C9H18O2	1000368-94-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

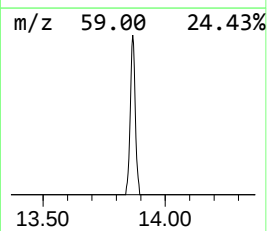
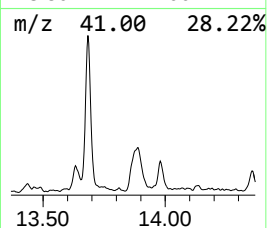
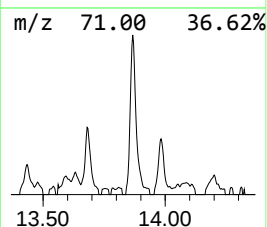
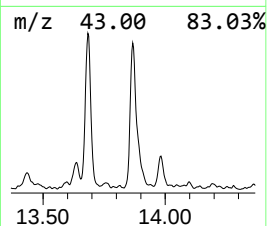
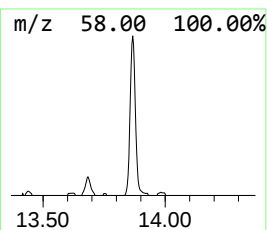
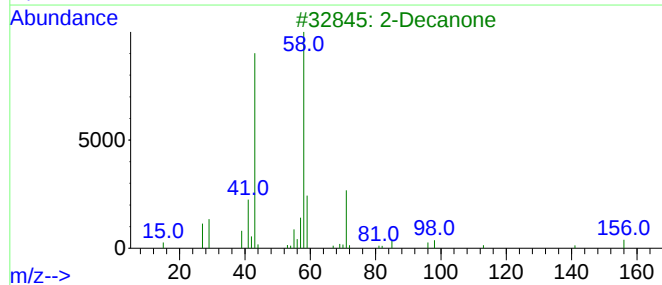
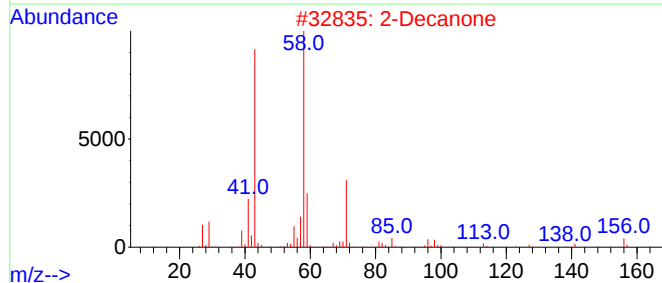
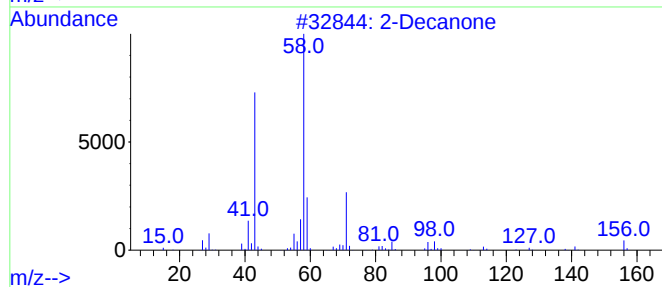
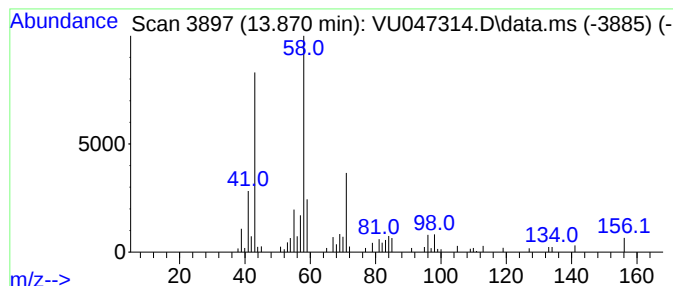
Instrument :
MSVOA_U
ClientSampleId :
BFY10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 2-Decanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.870	0.79 ug/L	73928	1,4-Dichlorobenzene-d4	11.812	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanone	156	C10H20O	000693-54-9	95
2	2-Decanone	156	C10H20O	000693-54-9	94
3	2-Decanone	156	C10H20O	000693-54-9	91
4	2-Decanone	156	C10H20O	000693-54-9	90
5	2-Dodecanone	184	C12H24O	006175-49-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

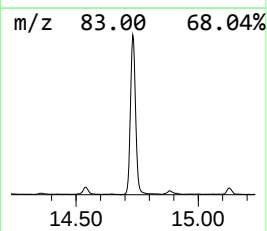
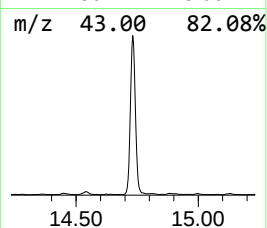
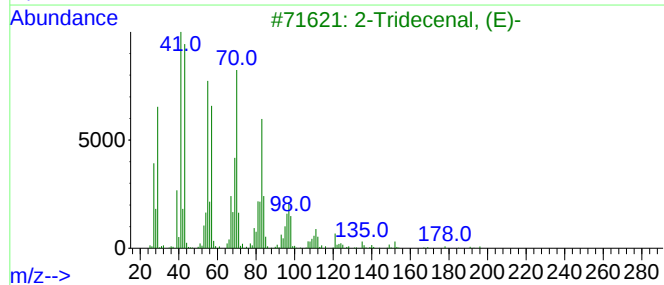
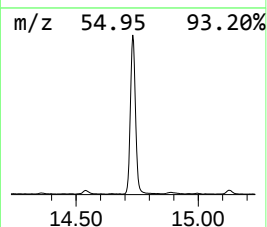
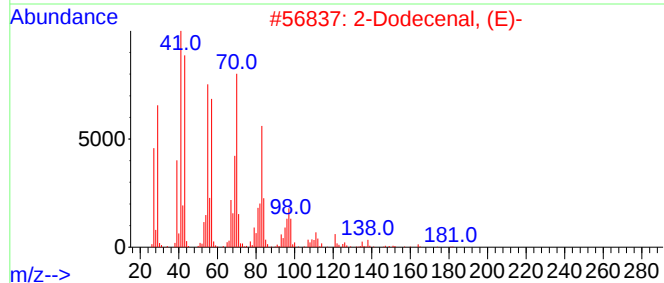
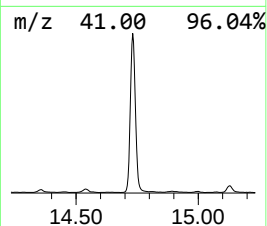
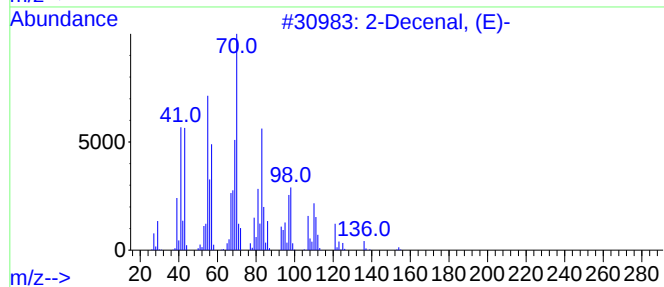
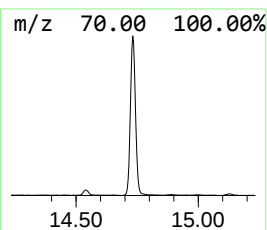
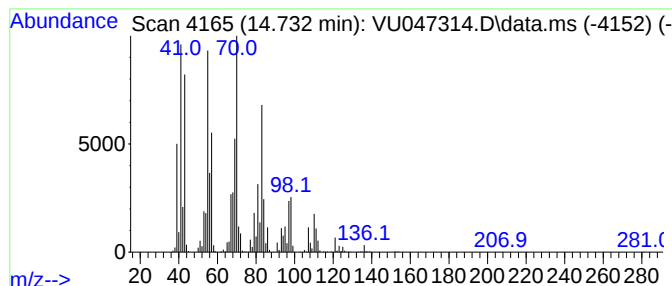
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 2-Decenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	13.53 ug/L	1268350	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
3		2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
4		2-Octenal, (E)-	126	C8H14O	002548-87-0	50
5		Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY10

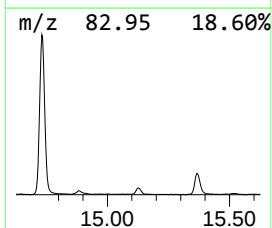
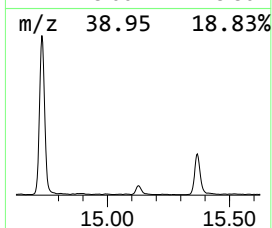
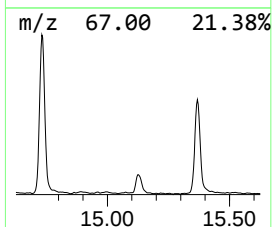
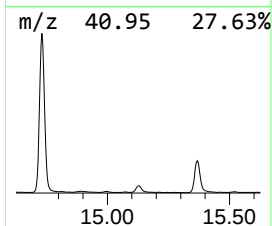
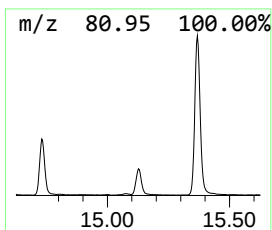
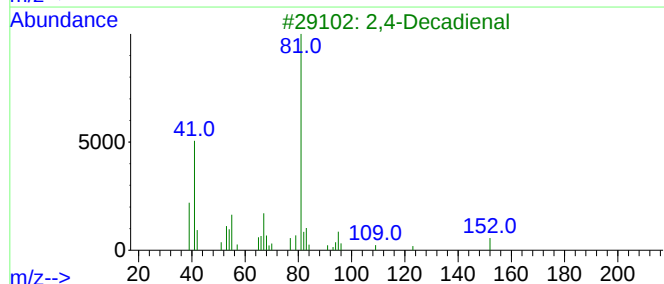
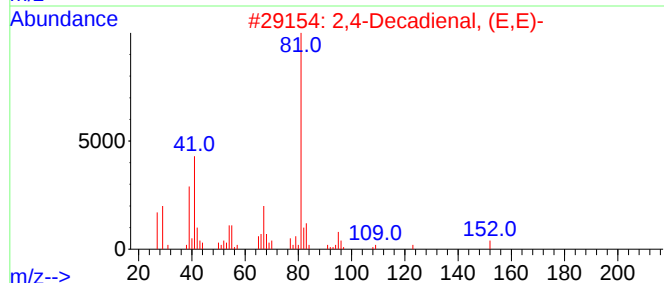
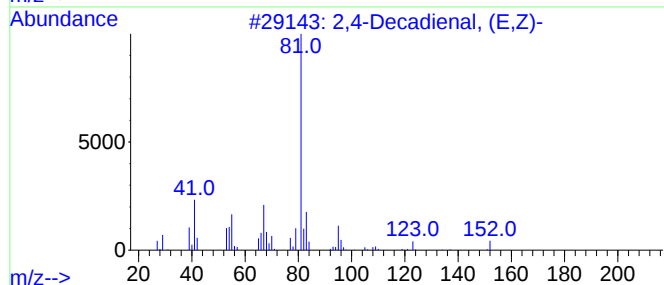
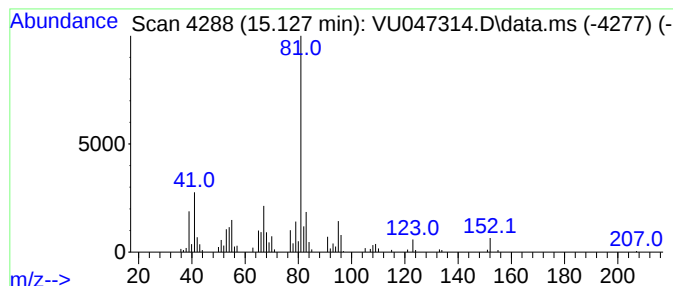
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 2,4-Decadienal, (E,Z)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	0.85 ug/L	79364	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Decadienal, (E,Z)-	152	C10H16O	025152-83-4	97
2			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	91
3			2,4-Decadienal	152	C10H16O	002363-88-4	91
4			2,4-Decadienal	152	C10H16O	002363-88-4	90
5			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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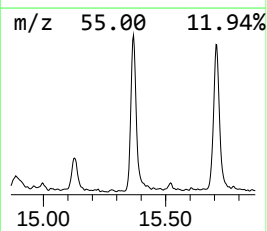
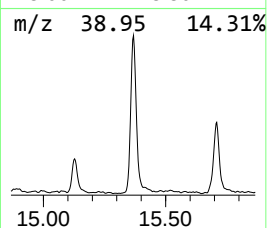
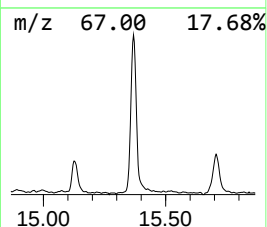
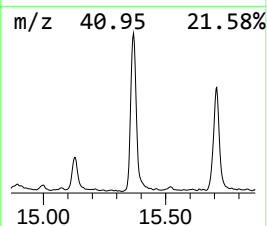
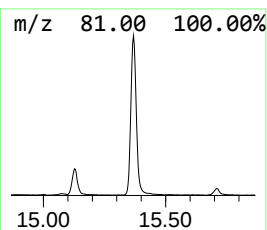
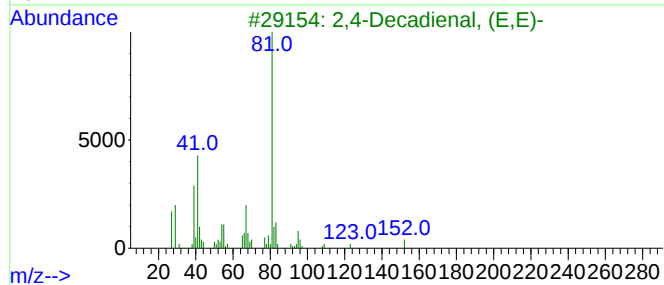
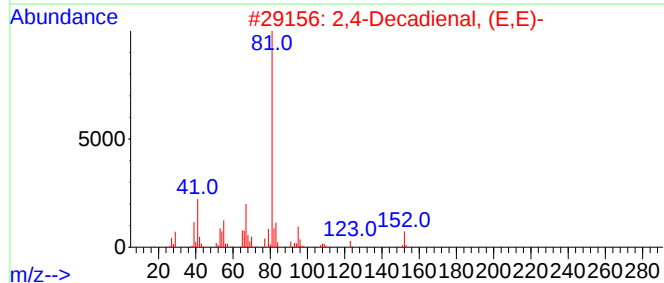
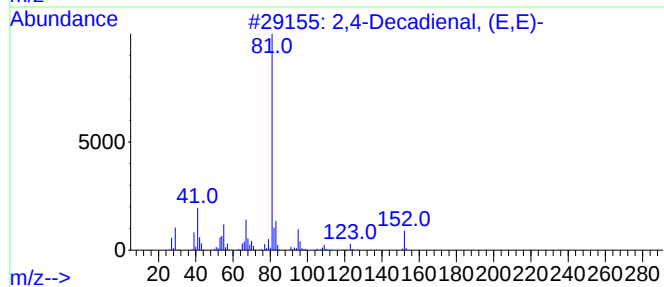
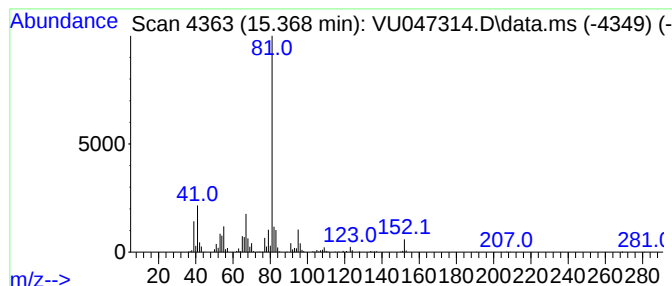
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 2,4-Decadienal, (E,E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	4.14 ug/L	387783	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	91
2			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	91
3			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
4			2,4-Decadienal	152	C10H16O	002363-88-4	90
5			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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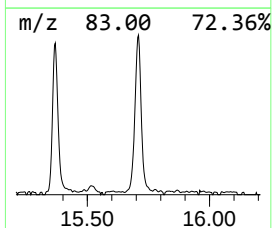
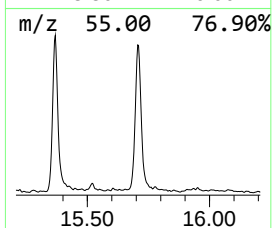
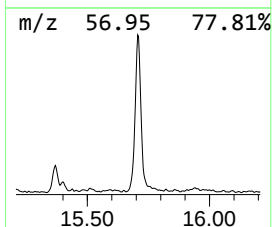
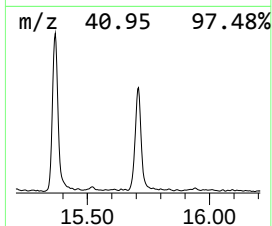
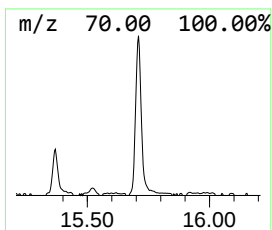
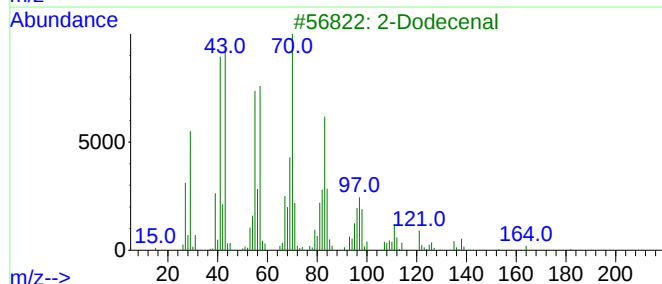
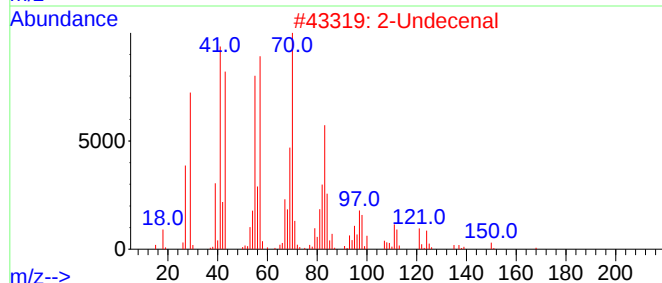
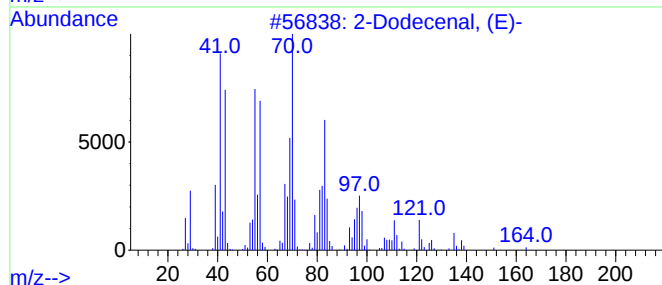
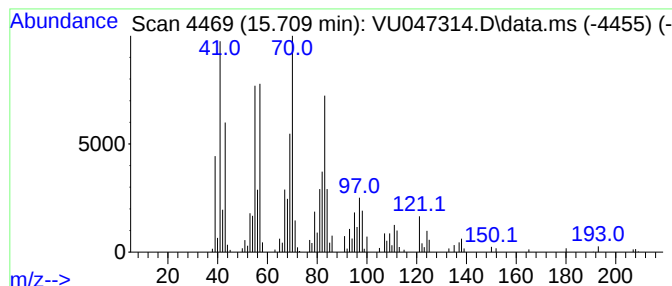
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 2-Dodecenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.709	2.28 ug/L	213634	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	80
2		2-Undecenal	168	C11H20O	002463-77-6	80
3		2-Dodecenal	182	C12H22O	004826-62-4	72
4		2-Tridecenal, (E)-	196	C13H24O	007069-41-2	72
5		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047314.D
Acq On : 03 Mar 2022 14:48
Operator : SY/MD
Sample : N1773-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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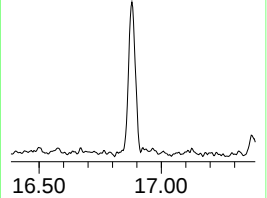
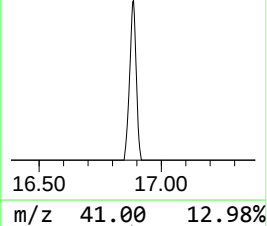
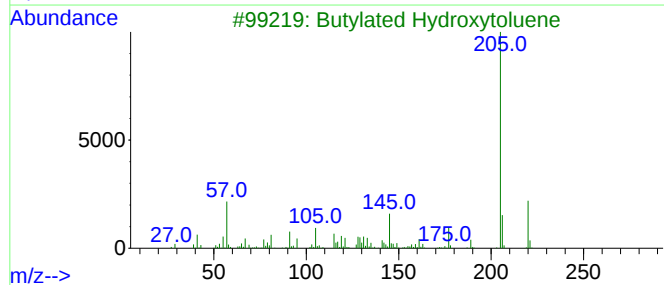
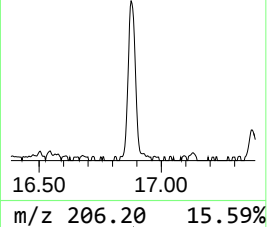
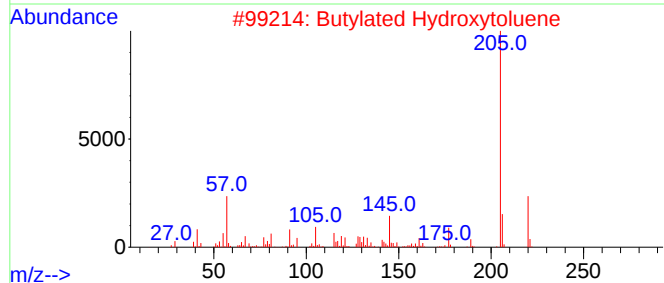
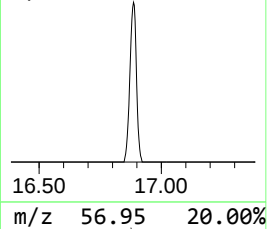
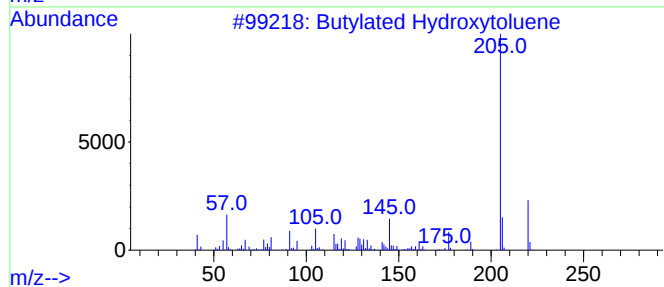
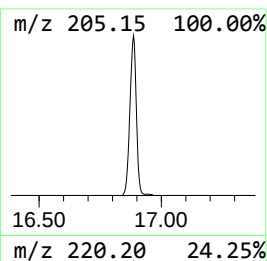
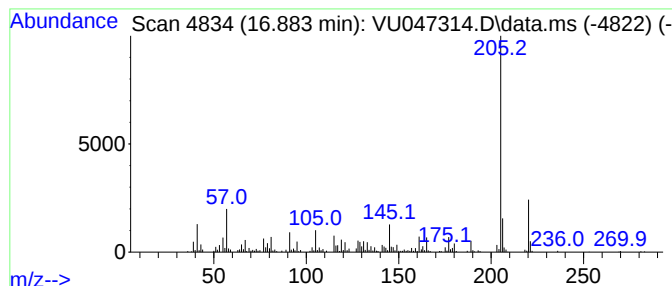
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Butylated Hydroxytoluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.883	2.11 ug/L	197603	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5			Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047314.D
 Acq On : 03 Mar 2022 14:48
 Operator : SY/MD
 Sample : N1773-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.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
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unknown-01	1.732	1.9	ug/L	116275	1	6.276	307279	5.0
Butanal	4.491	0.7	ug/L	45199	1	6.276	307279	5.0
Furan, 2-ethyl-	6.555	0.9	ug/L	55711	1	6.276	307279	5.0
Pentanal	6.912	6.3	ug/L	387939	1	6.276	307279	5.0
Hexanal	8.803	53.5	ug/L	3995190	2	9.423	373532	5.0
2-Heptanone	10.243	1.0	ug/L	73953	2	9.423	373532	5.0
Heptanal	10.349	8.9	ug/L	665970	2	9.423	373532	5.0
Furan, 2-pentyl-	11.259	1.5	ug/L	144536	3	11.812	468577	5.0
unknown-02	11.298	2.3	ug/L	219385	3	11.812	468577	5.0
1-Octen-3-one	11.388	0.7	ug/L	67206	3	11.812	468577	5.0
Octanal	11.687	14.7	ug/L	1376090	3	11.812	468577	5.0
1-Hexanol, 2-et...	12.063	1.1	ug/L	100066	3	11.812	468577	5.0
(DEL) Alkane: C...	12.542	5.1	ug/L	477849	3	11.812	468577	5.0
2-Nonanone	12.774	1.4	ug/L	128625	3	11.812	468577	5.0
Nonanal	12.886	17.8	ug/L	1663410	3	11.812	468577	5.0
2-Nonenal, (E)-	13.684	1.8	ug/L	170356	3	11.812	468577	5.0
2-Decanone	13.870	0.8	ug/L	73928	3	11.812	468577	5.0
2-Decenal, (E)-	14.732	13.5	ug/L	1268350	3	11.812	468577	5.0
2,4-Decadienal,...	15.127	0.8	ug/L	79364	3	11.812	468577	5.0
2,4-Decadienal,...	15.368	4.1	ug/L	387783	3	11.812	468577	5.0
2-Dodecenal, (E)-	15.709	2.3	ug/L	213634	3	11.812	468577	5.0
Butylated Hydro...	16.883	2.1	ug/L	197603	3	11.812	468577	5.0