

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047415.D
 Acq On : 09 Mar 2022 19:32
 Operator : SY/MD
 Sample : N1840-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY24

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: VU047415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.372	3	10	25	rVB	39995	42571	2.45%	0.301%
2	1.617	76	86	101	rBV2	80678	106667	6.13%	0.754%
3	1.941	179	187	203	rVB	48163	64998	3.74%	0.459%
4	2.604	379	393	415	rBV3	553814	967772	55.62%	6.839%
5	3.893	776	794	818	rBV	503805	1182695	67.98%	8.357%
6	4.751	1044	1061	1100	rVB2	29531	143835	8.27%	1.016%
7	5.099	1152	1169	1193	rVB3	74139	193472	11.12%	1.367%
8	5.350	1229	1247	1268	rBV	137040	316904	18.21%	2.239%
9	5.771	1358	1378	1394	rBV3	167884	404744	23.26%	2.860%
10	5.848	1394	1402	1418	rVB2	15778	32117	1.85%	0.227%
11	6.295	1526	1541	1557	rVB	206597	381321	21.92%	2.695%
12	6.581	1617	1630	1647	rBV2	187721	344733	19.81%	2.436%
13	6.732	1664	1677	1693	rBV	95657	184535	10.61%	1.304%
14	6.925	1723	1737	1767	rBV2	28930	65410	3.76%	0.462%
15	7.594	1932	1945	1966	rVB	53944	94039	5.41%	0.665%
16	7.919	2032	2046	2061	rBV	214781	368446	21.18%	2.604%
17	8.198	2123	2133	2146	rBV	32048	53338	3.07%	0.377%
18	8.568	2237	2248	2260	rVB2	55795	91579	5.26%	0.647%
19	8.658	2260	2276	2290	rBV	227797	426344	24.50%	3.013%
20	8.803	2309	2321	2354	rVB	223390	386352	22.21%	2.730%
21	9.427	2503	2515	2535	rBV	275336	463151	26.62%	3.273%
22	10.349	2791	2802	2815	rBV2	56627	89400	5.14%	0.632%
23	10.761	2918	2930	2946	rBV	80490	125639	7.22%	0.888%
24	10.896	2960	2972	2994	rVB	10612	22357	1.29%	0.158%
25	11.259	3076	3085	3090	rBV	14322	19725	1.13%	0.139%
26	11.298	3090	3097	3108	rVB3	16993	27041	1.55%	0.191%
27	11.690	3205	3219	3233	rBV2	99021	153289	8.81%	1.083%
28	11.816	3245	3258	3271	rBV	310164	489527	28.14%	3.459%
29	12.195	3360	3376	3390	rBV	206364	334631	19.23%	2.365%
30	12.545	3475	3485	3497	rBV5	13634	25508	1.47%	0.180%
31	12.886	3581	3591	3608	rBV	229024	334470	19.22%	2.364%
32	13.433	3751	3761	3783	rBV2	51516	109179	6.28%	0.772%
33	13.587	3800	3809	3815	rBV2	37625	60716	3.49%	0.429%
34	14.047	3944	3952	3959	rBV2	31819	51847	2.98%	0.366%
35	14.092	3960	3966	3971	rVV2	26934	32216	1.85%	0.228%
36	14.192	3986	3997	4011	rBV2	120522	216745	12.46%	1.532%

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37	14.449	4068	4077	4086	rBV	448154	604880	34.77%	4.274%
38	14.571	4110	4115	4123	rVB4	46314	59679	3.43%	0.422%
39	14.648	4133	4139	4153	rVB4	66330	127190	7.31%	0.899%
40	14.735	4159	4166	4175	rVB5	62504	99292	5.71%	0.702%
41	15.021	4250	4255	4260	rBV	58623	73022	4.20%	0.516%
42	15.066	4262	4269	4278	rVB3	169172	269473	15.49%	1.904%
43	15.147	4288	4294	4304	rVB2	128046	193899	11.14%	1.370%
44	15.208	4305	4313	4326	rBV	423746	628664	36.13%	4.442%
45	15.401	4363	4373	4382	rBV	1234865	1739839	100.00%	12.294%
46	15.934	4535	4539	4544	rBV3	60164	70101	4.03%	0.495%
47	15.976	4545	4552	4565	rVV	491091	726089	41.73%	5.131%
48	16.047	4567	4574	4586	rVB4	143685	252293	14.50%	1.783%
49	16.291	4641	4650	4661	rVB	643252	899670	51.71%	6.357%

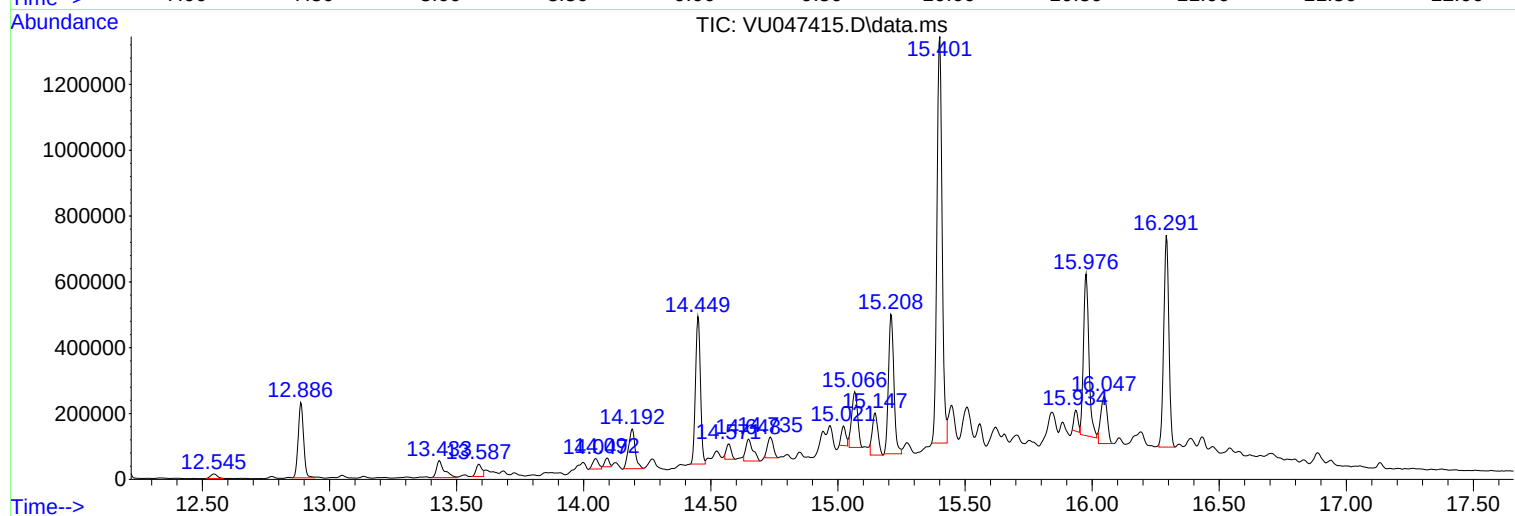
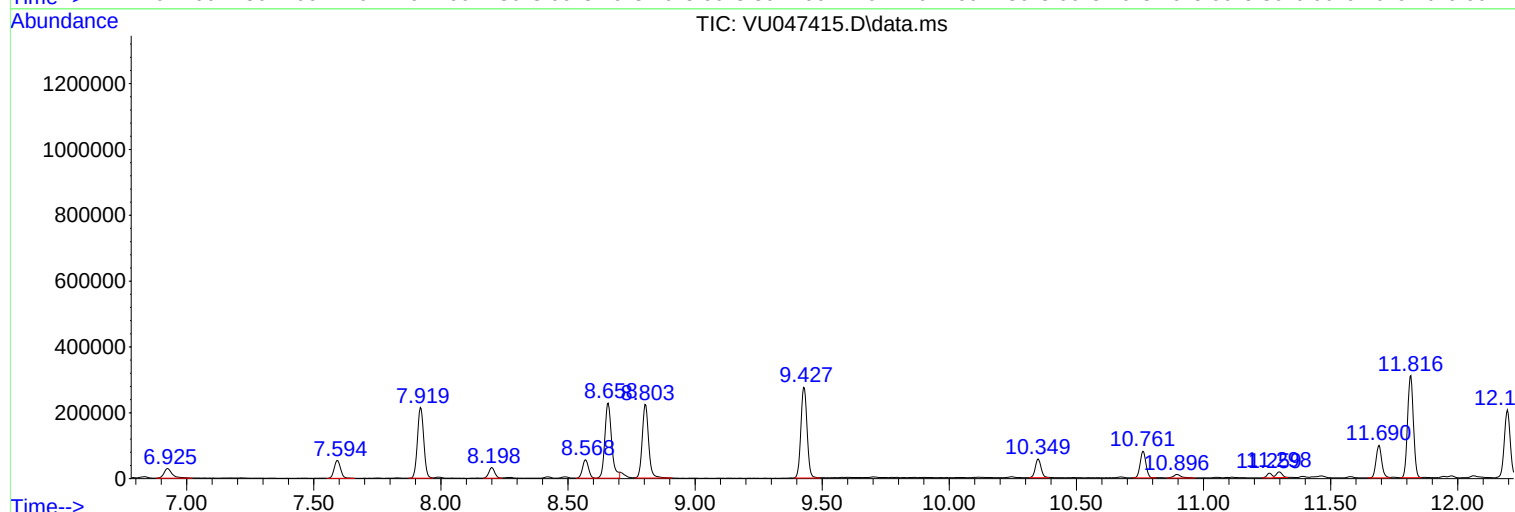
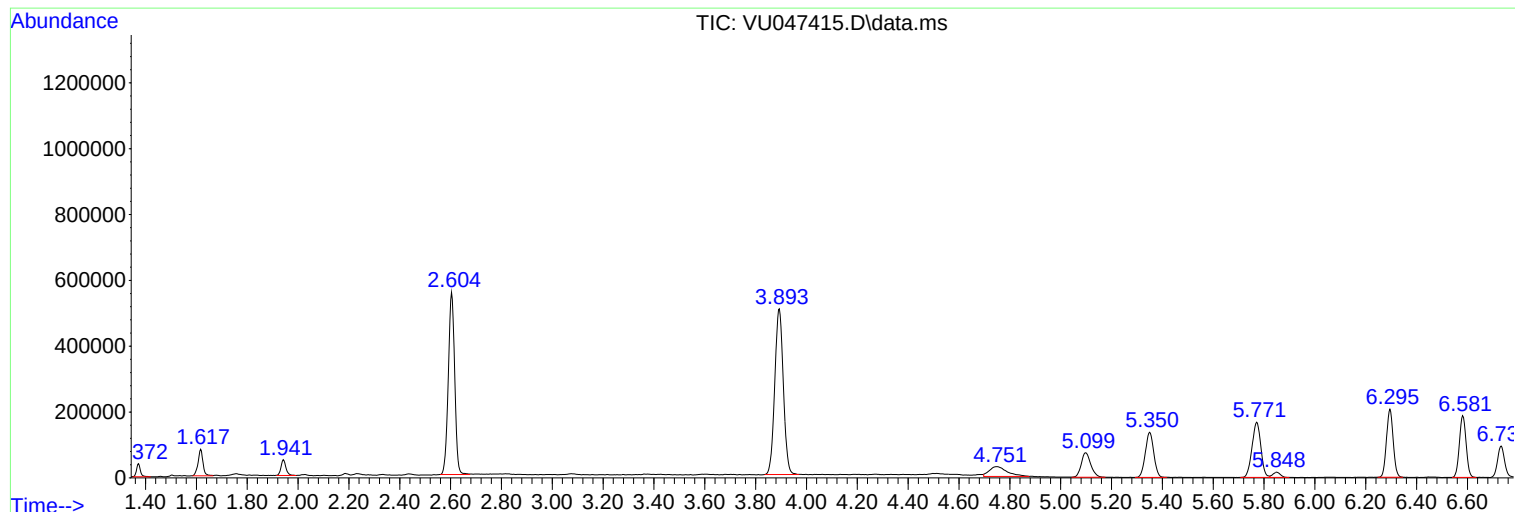
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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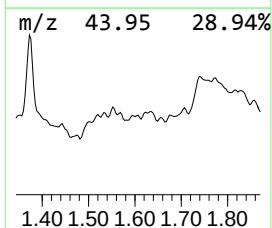
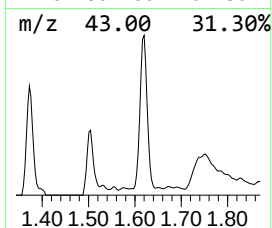
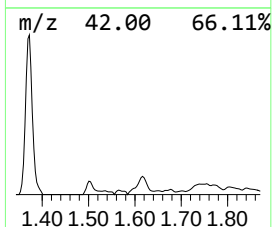
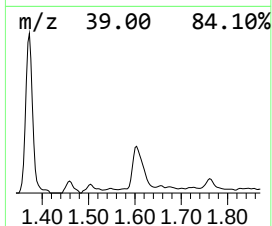
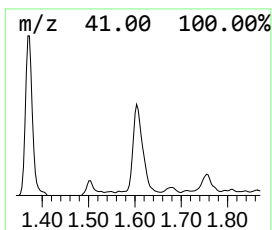
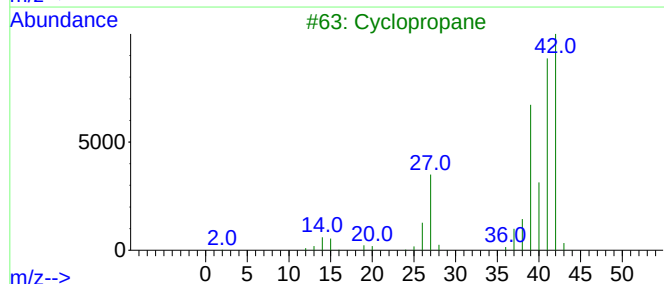
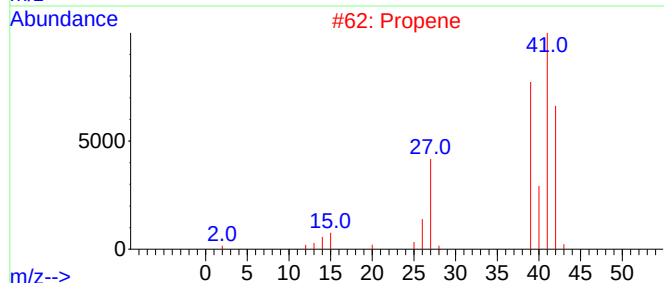
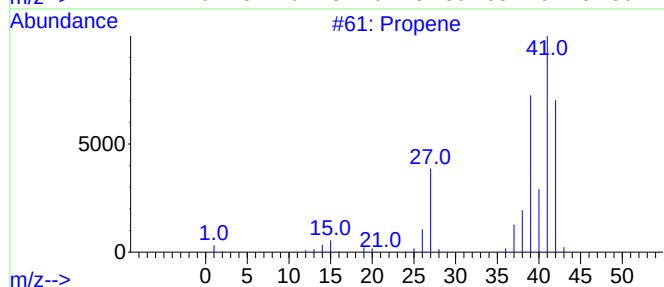
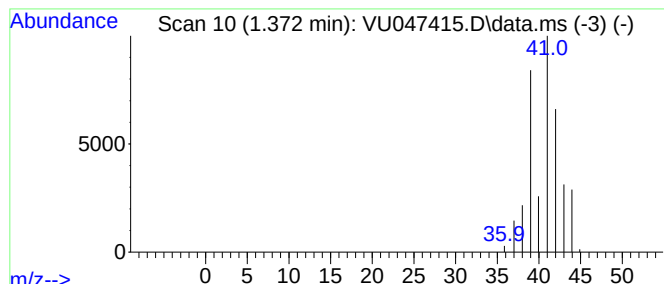
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.372	0.56 ug/L	42571	1,4-Difluorobenzene	6.295

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



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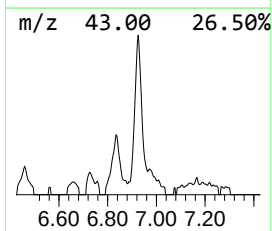
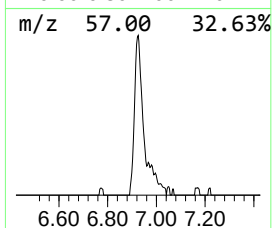
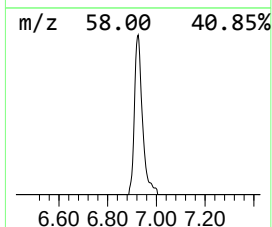
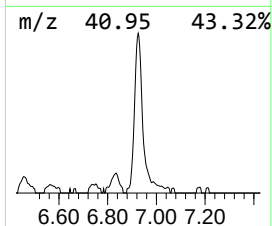
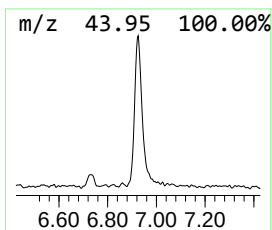
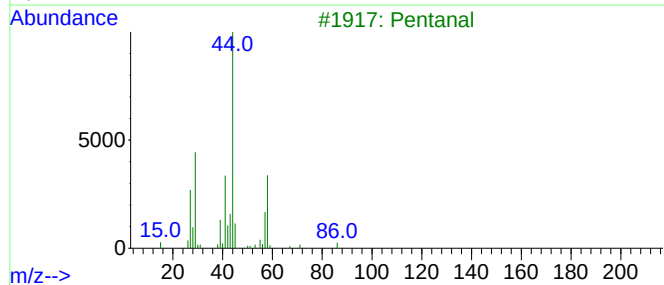
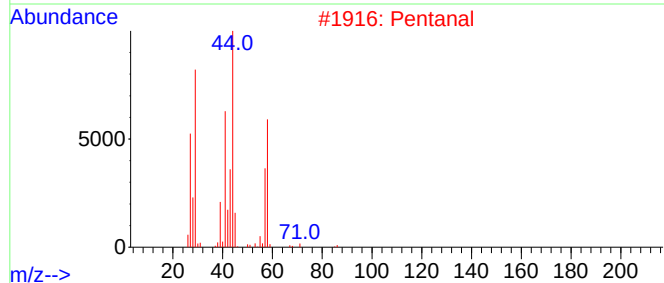
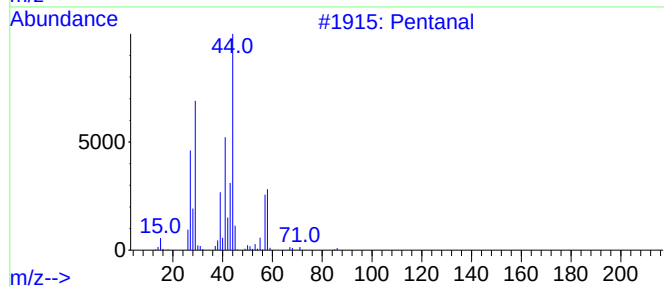
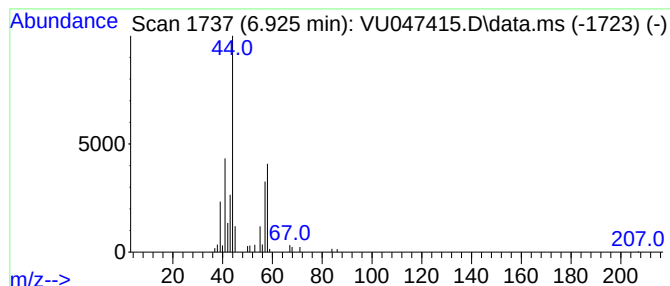
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Pentanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.925	0.86 ug/L	65410	1,4-Difluorobenzene	6.295

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	Pentanal			86	C5H10O	000110-62-3	78
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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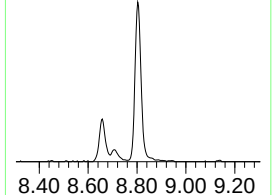
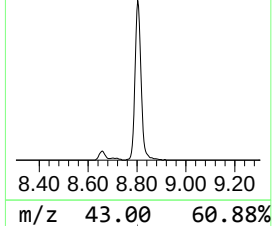
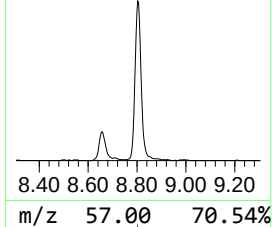
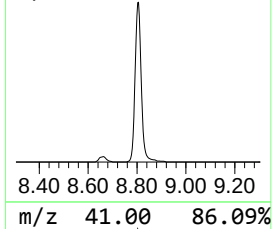
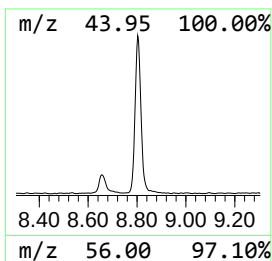
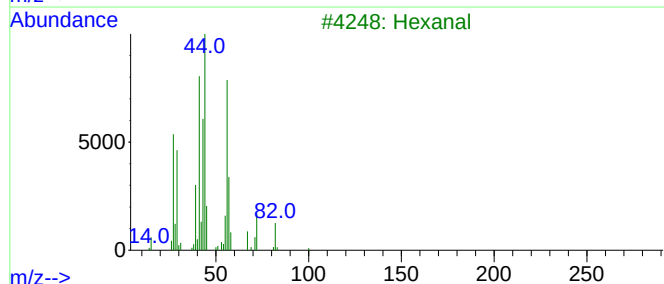
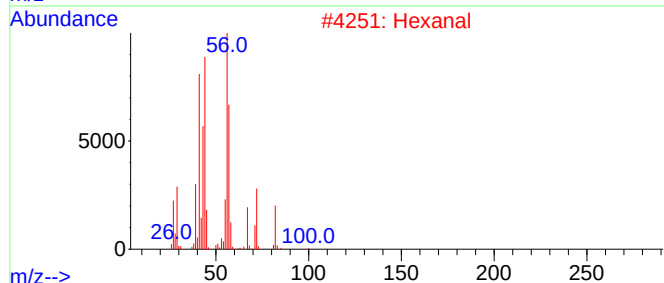
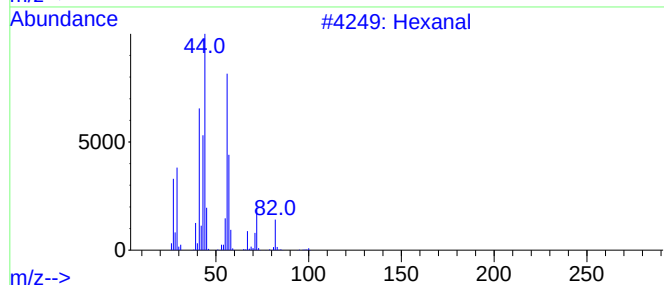
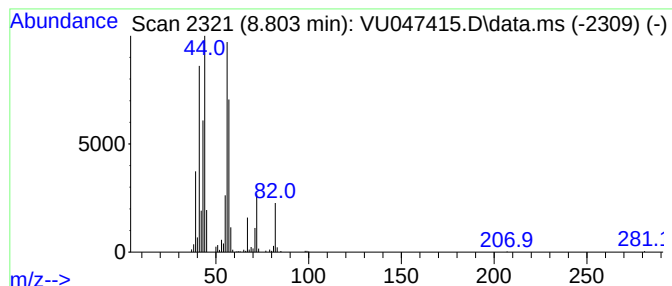
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	4.17 ug/L	386352	Chlorobenzene-d5	9.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	50
5	Hexanal			100	C6H12O	000066-25-1	47



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Instrument :
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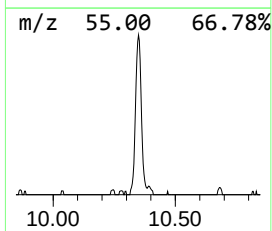
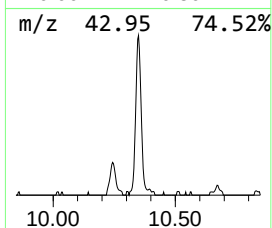
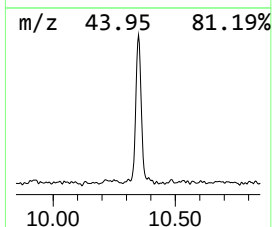
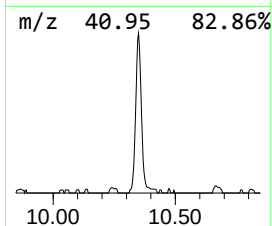
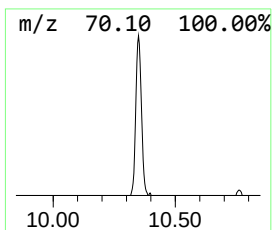
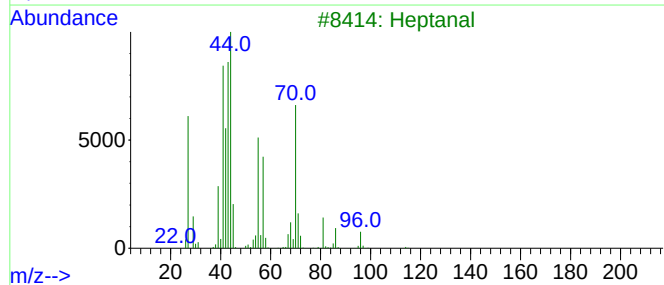
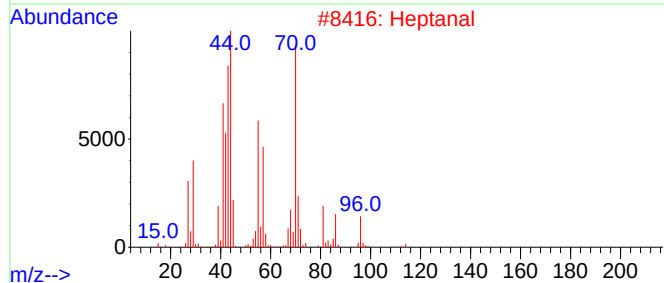
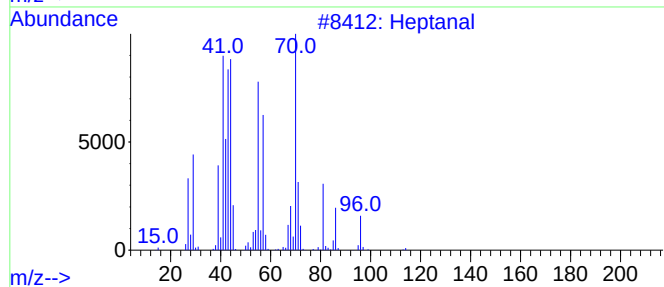
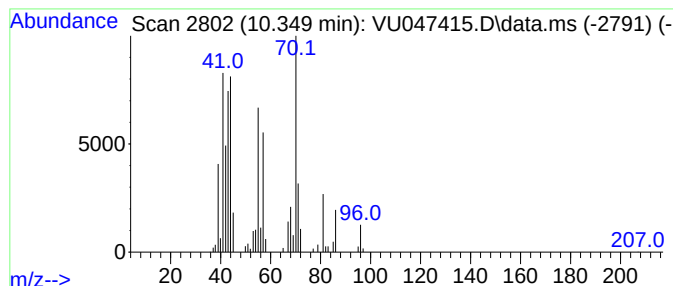
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Heptanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	0.97 ug/L	89400	Chlorobenzene-d5	9.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	91
2			Heptanal	114	C7H14O	000111-71-7	80
3			Heptanal	114	C7H14O	000111-71-7	72
4			Heptanal	114	C7H14O	000111-71-7	72
5			Heptanal	114	C7H14O	000111-71-7	50



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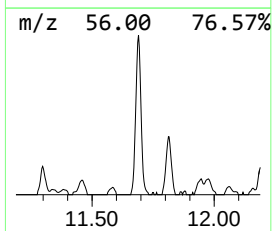
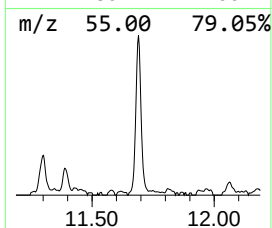
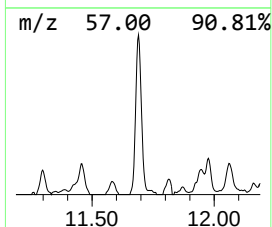
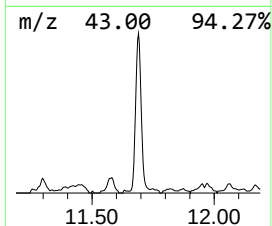
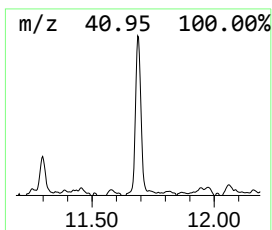
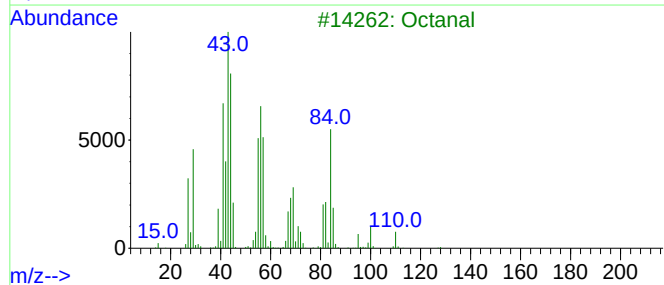
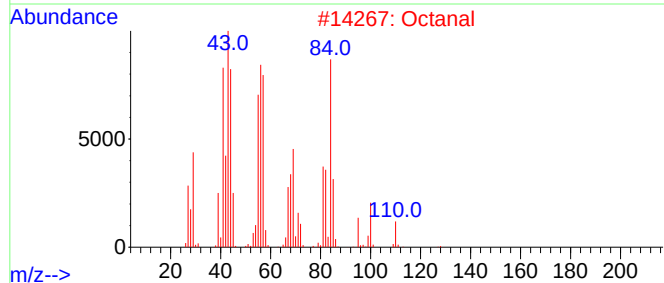
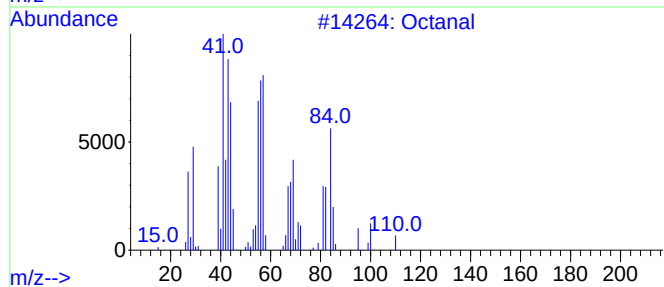
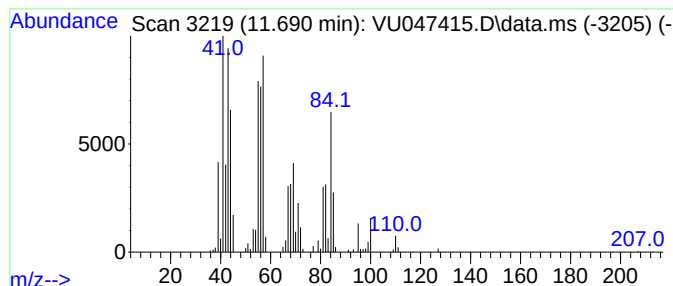
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Octanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.690	1.57 ug/L	153289	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	90
2	Octanal			128	C8H16O	000124-13-0	87
3	Octanal			128	C8H16O	000124-13-0	86
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

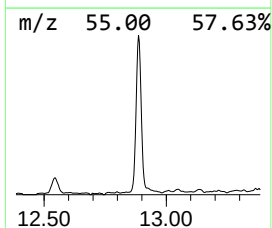
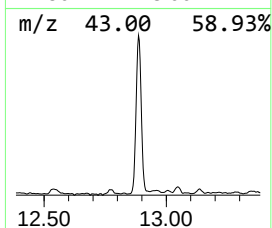
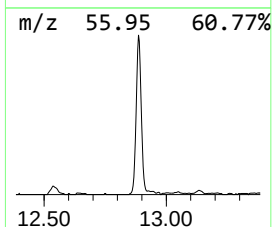
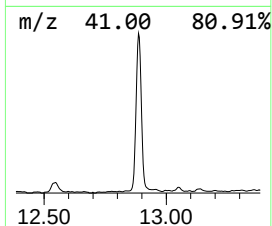
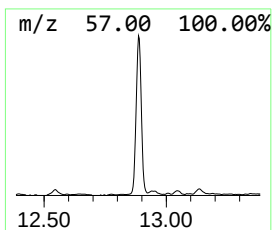
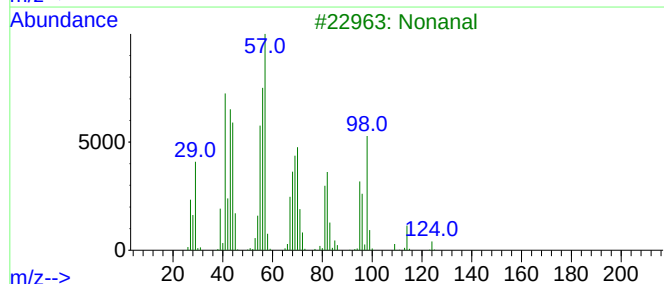
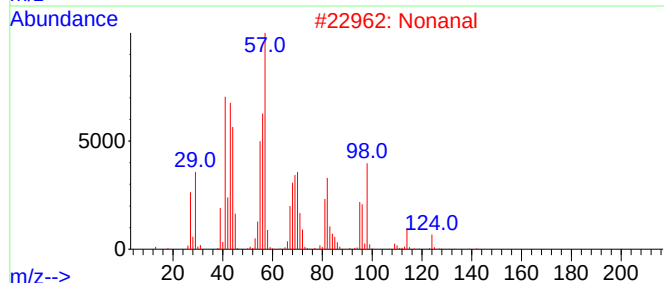
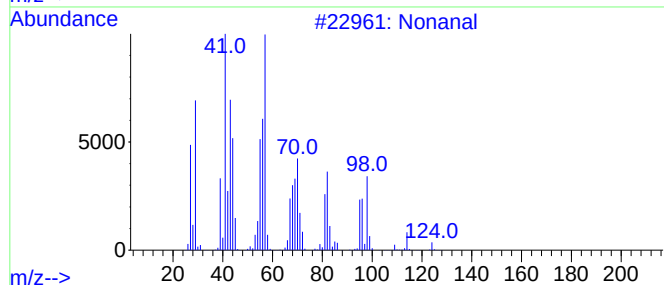
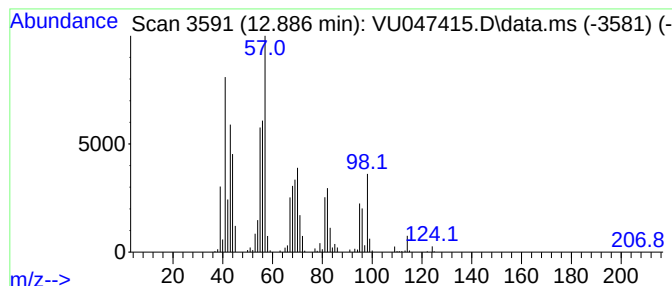
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Nonanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	3.42 ug/L	334470	1,4-Dichlorobenzene-d4	11.816

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	Cycloheptane			98	C7H14	000291-64-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

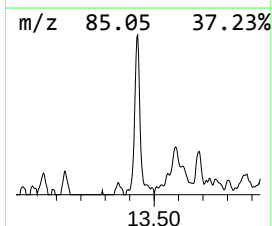
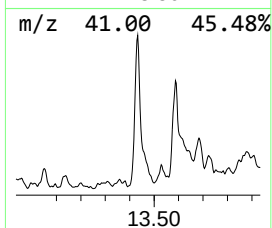
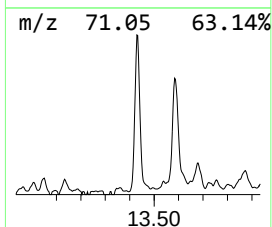
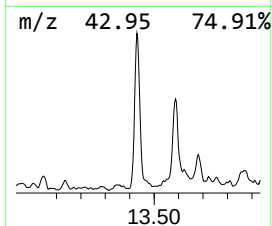
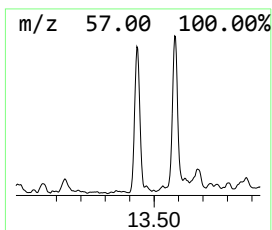
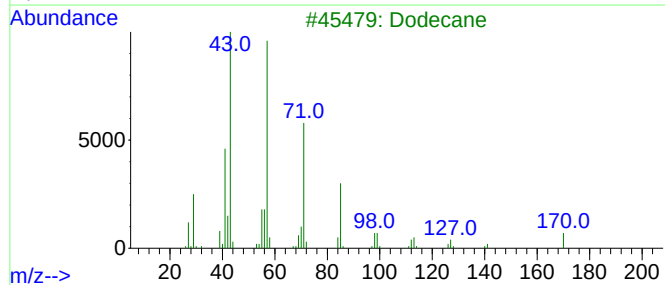
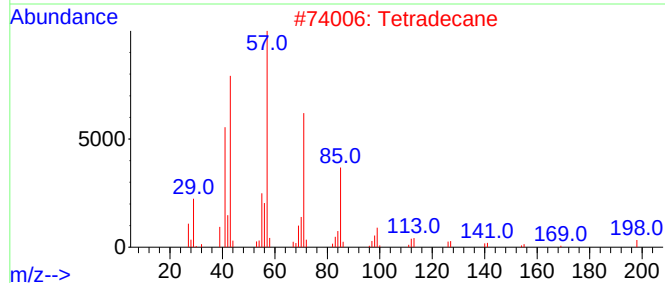
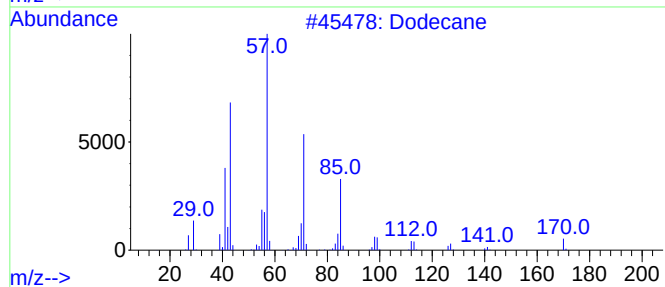
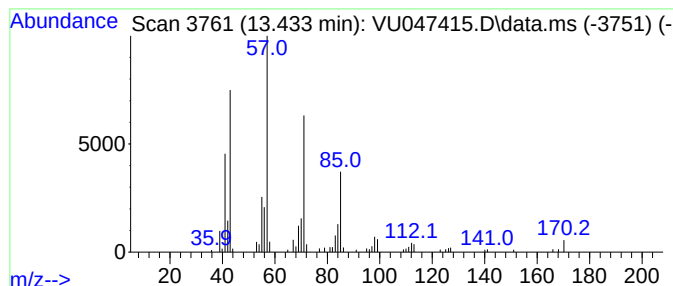
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	1.12 ug/L	109179	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	94
2		Tetradecane	198	C14H30	000629-59-4	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Dodecane	170	C12H26	000112-40-3	83
5		Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

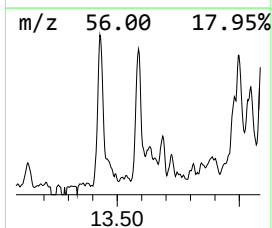
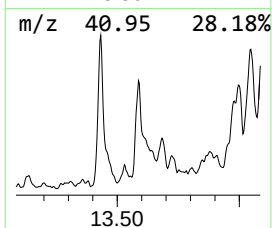
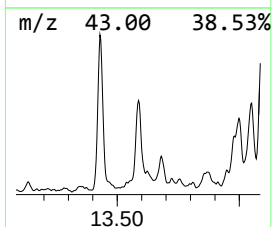
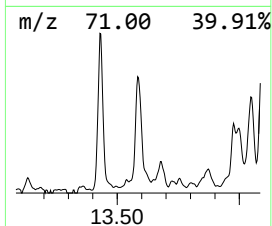
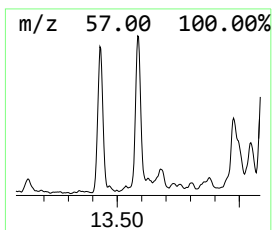
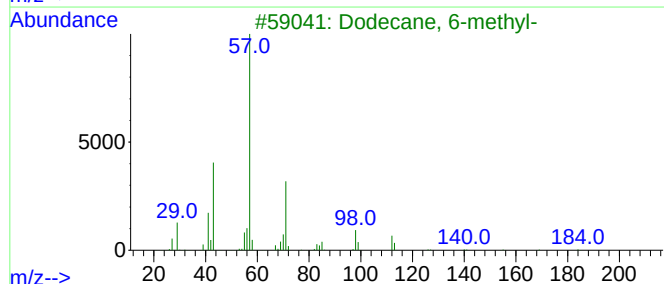
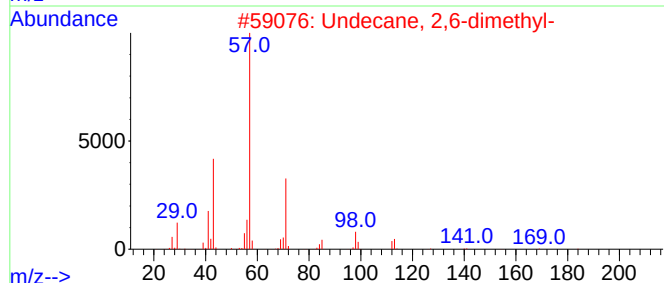
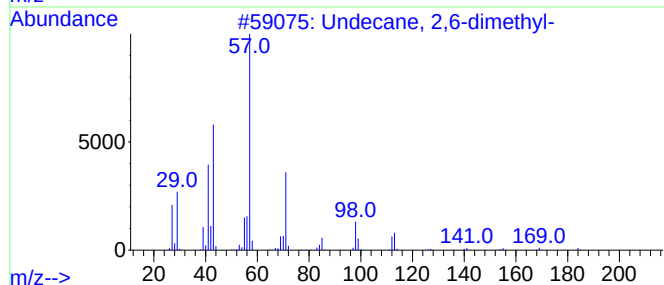
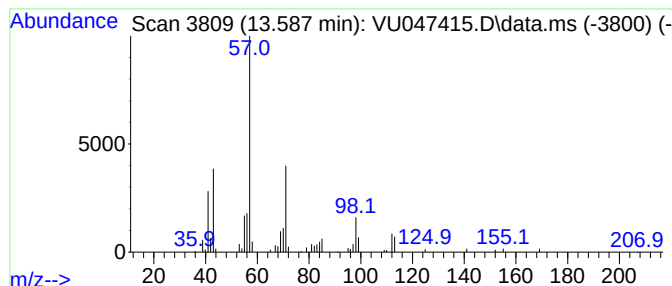
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	0.62 ug/L	60716	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
3			Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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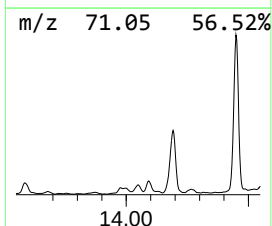
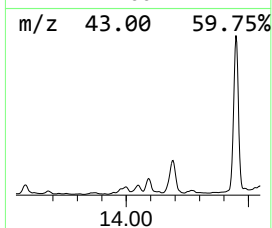
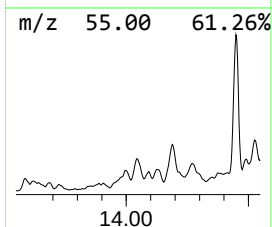
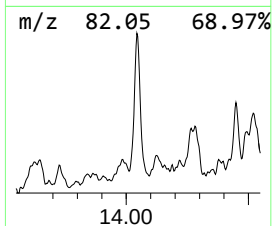
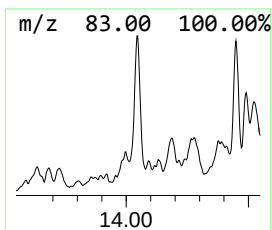
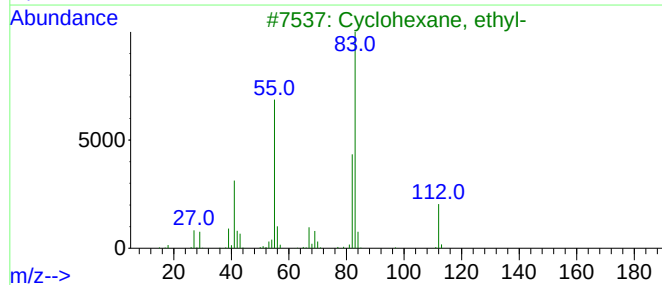
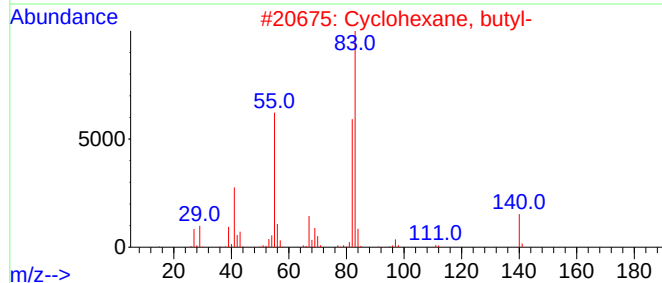
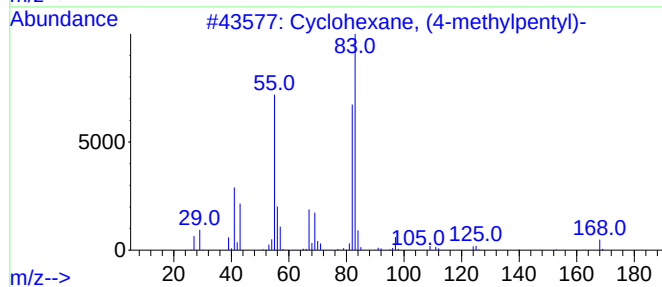
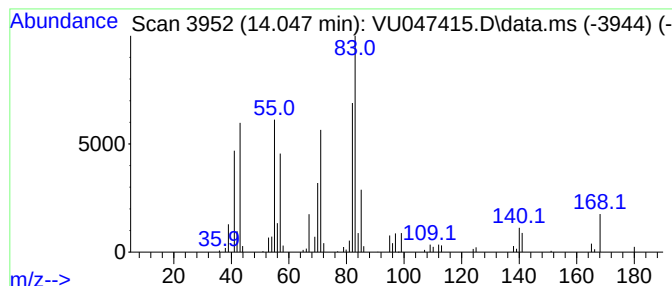
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Cyclic14.047 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.047	0.53 ug/L	51847	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	46
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	46
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

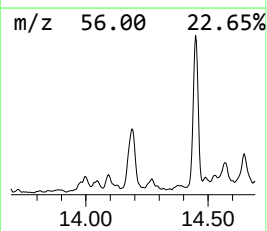
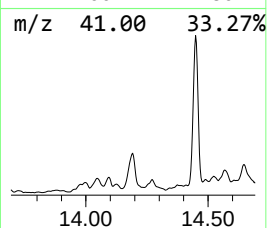
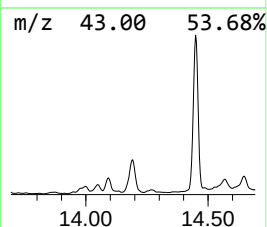
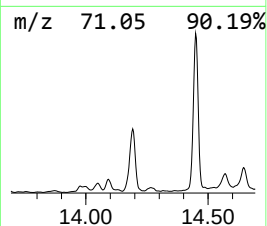
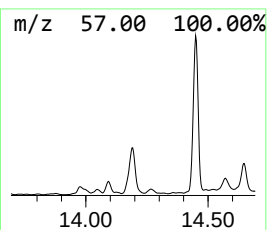
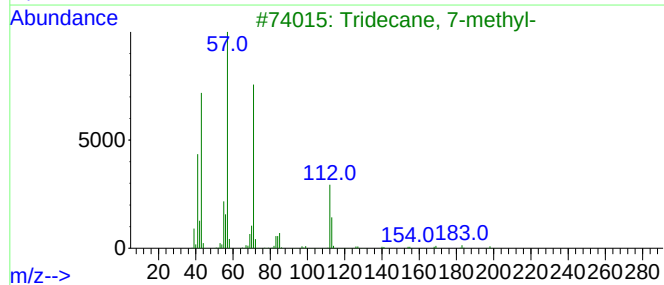
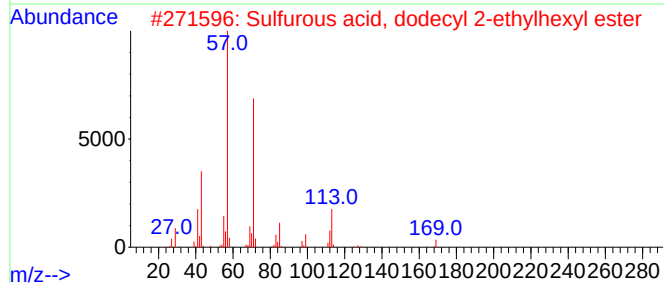
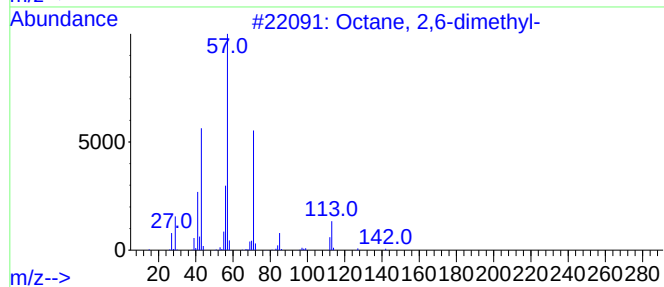
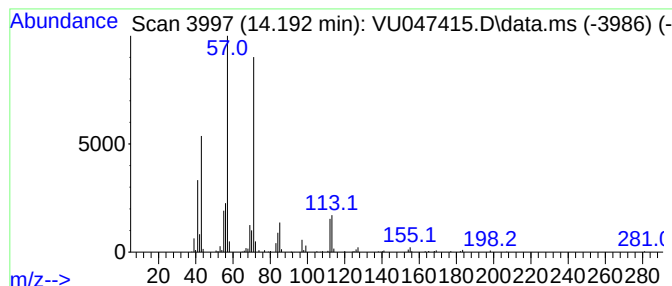
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	2.21 ug/L	216745	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	86
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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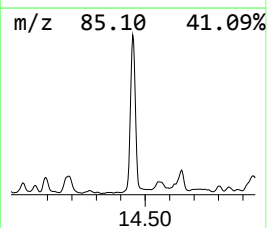
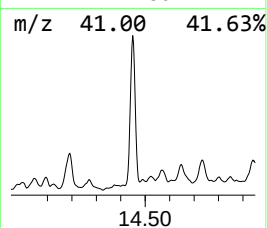
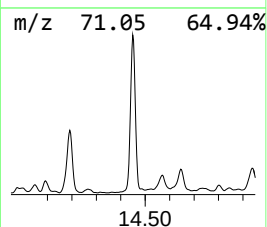
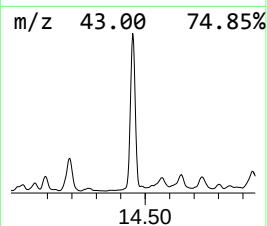
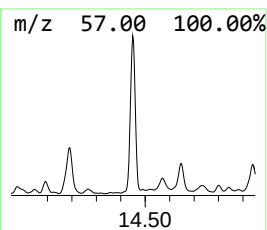
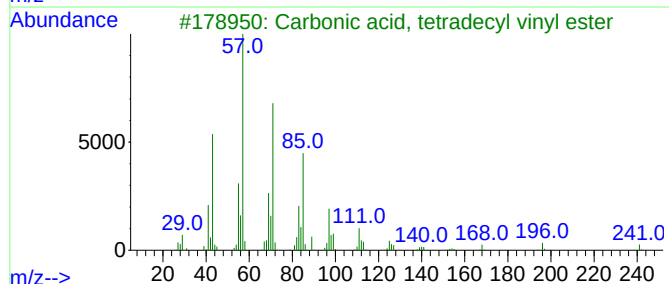
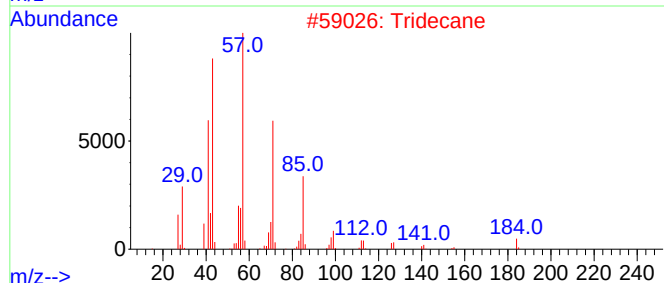
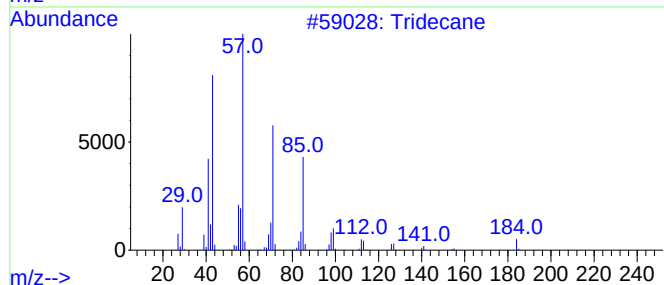
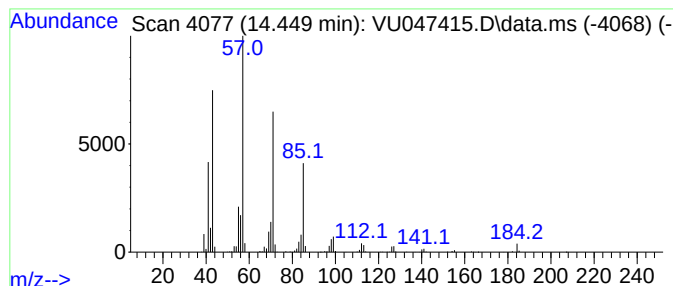
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	6.18 ug/L	604880	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	94
3			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

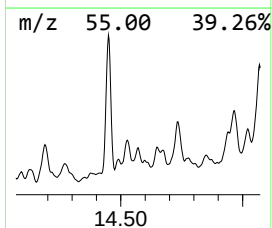
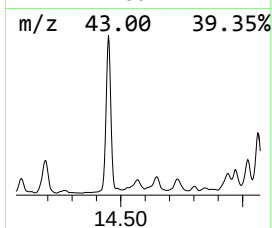
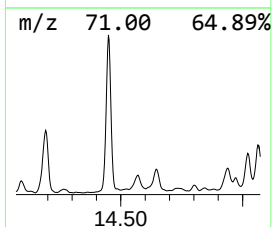
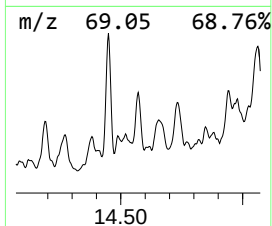
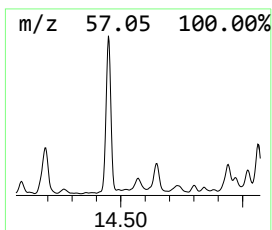
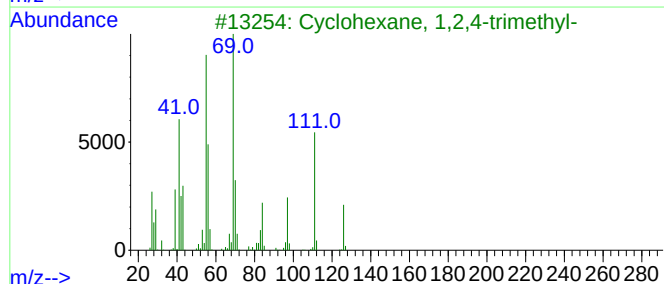
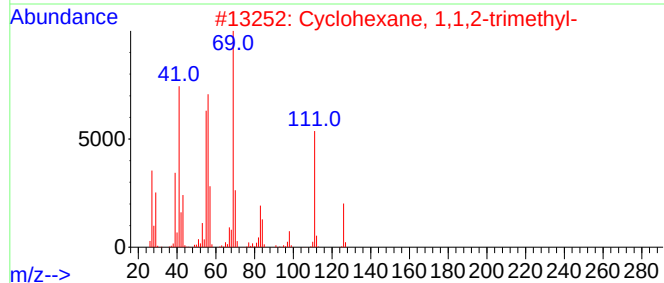
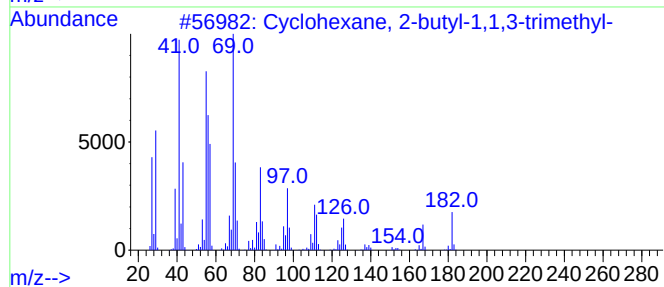
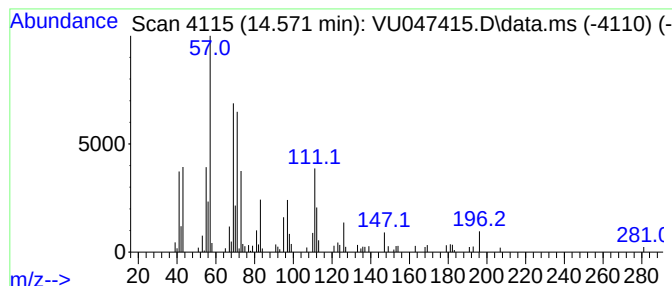
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 (DEL) Alkane: Cyclic14.571 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.571	0.61 ug/L	59679	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	42
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	30
4			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	30
5			Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

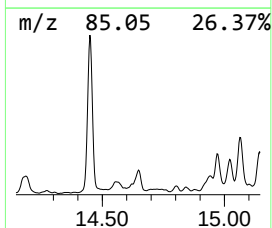
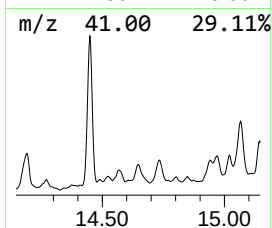
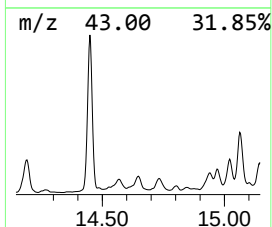
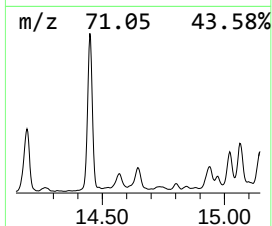
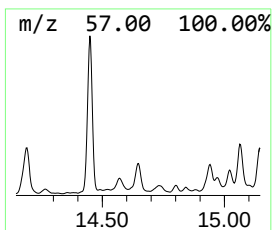
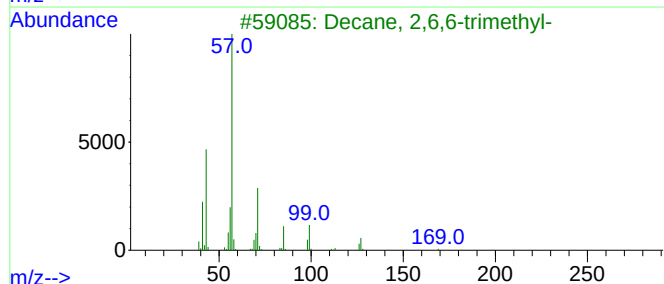
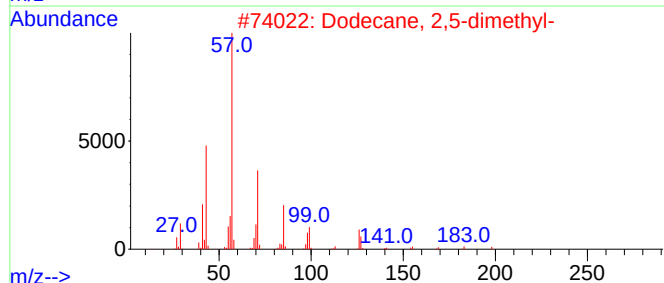
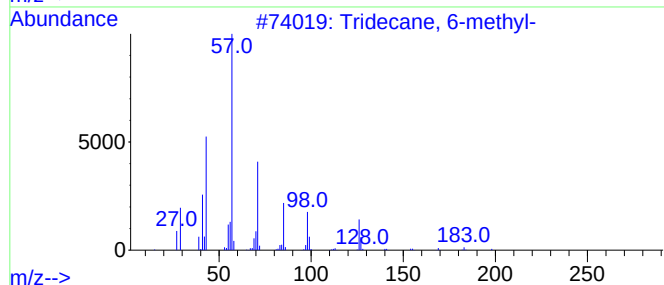
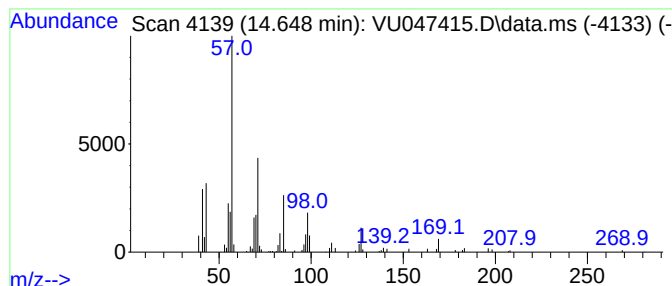
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.648	1.30 ug/L	127190	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	81
3			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	59
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

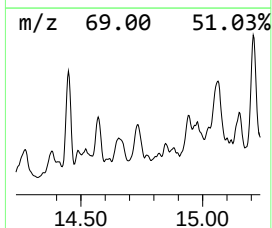
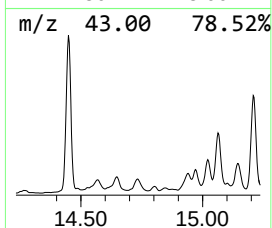
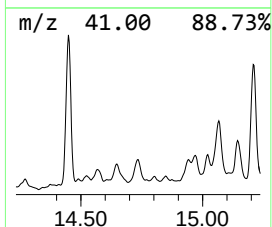
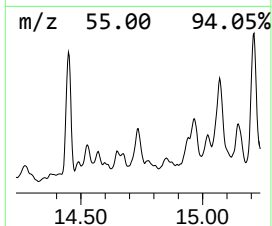
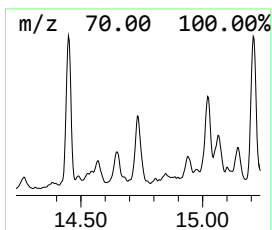
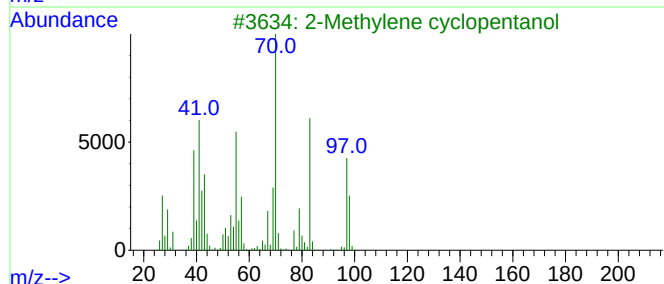
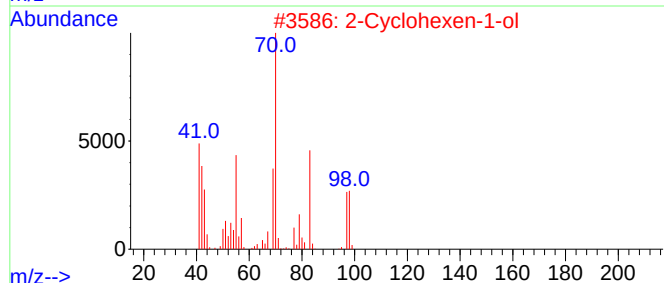
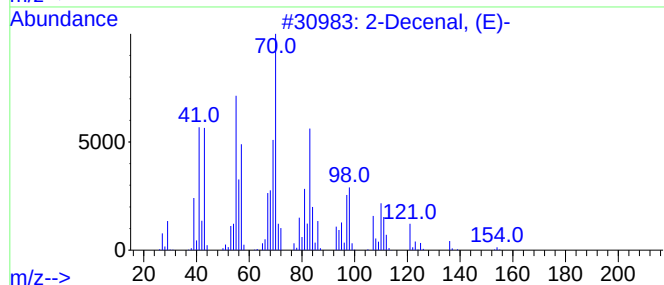
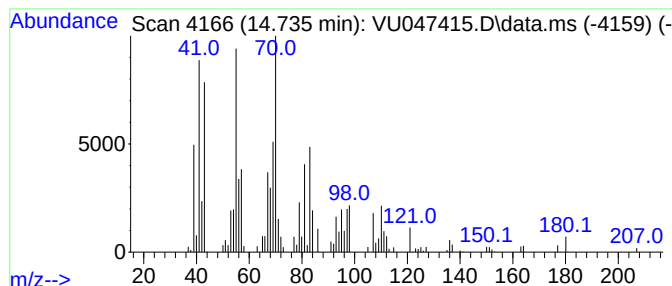
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 2-Decenal, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.735	1.01 ug/L	99292	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	53
2			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
3			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	49
4			2-Decenal, (E)-	154	C10H18O	003913-81-3	47
5			1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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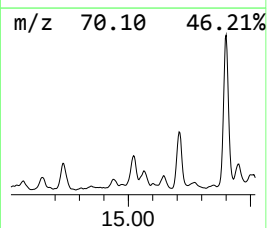
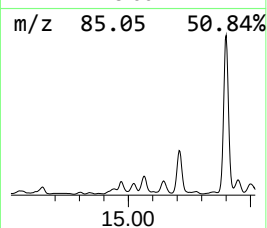
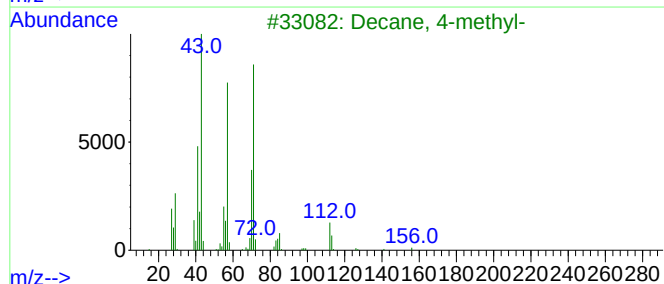
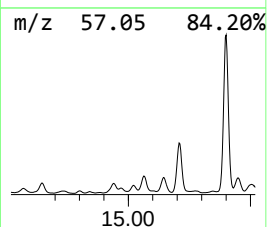
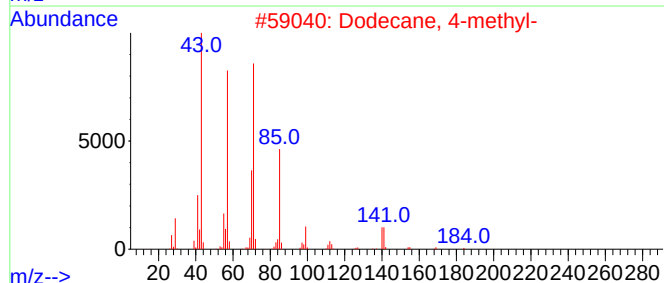
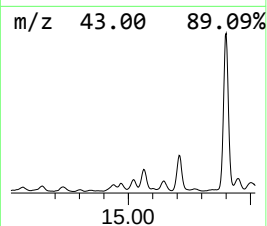
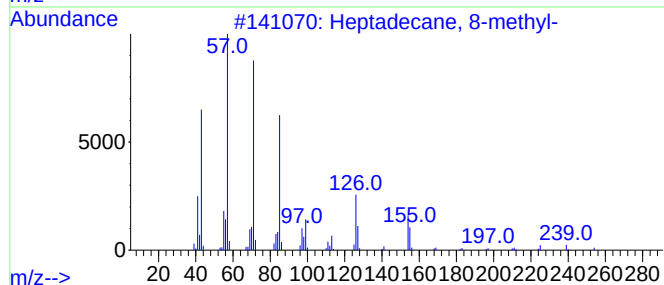
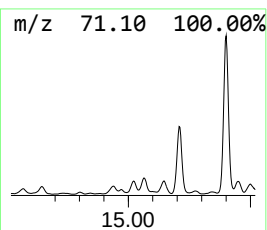
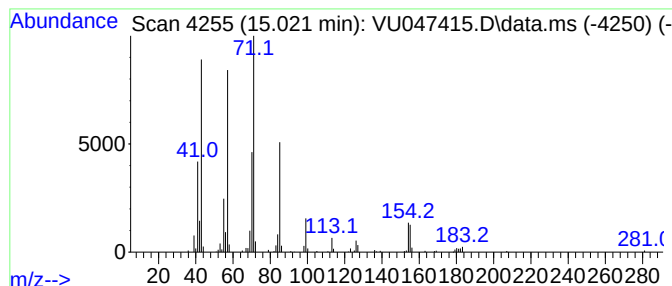
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	0.75 ug/L	73022	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
3		Decane, 4-methyl-	156	C11H24	002847-72-5	58
4		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
5		3,3-Dimethylnonadecane	296	C21H44	1000360-43-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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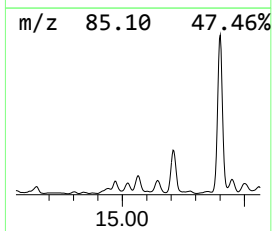
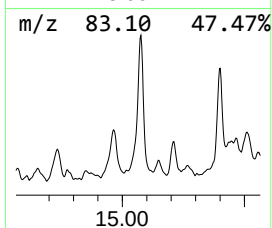
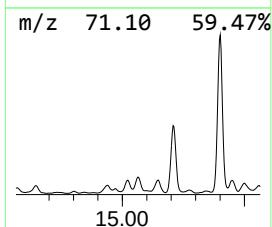
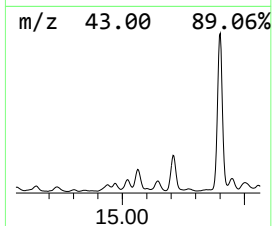
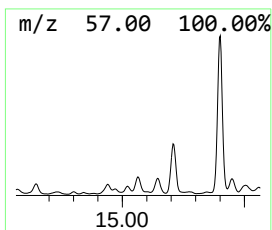
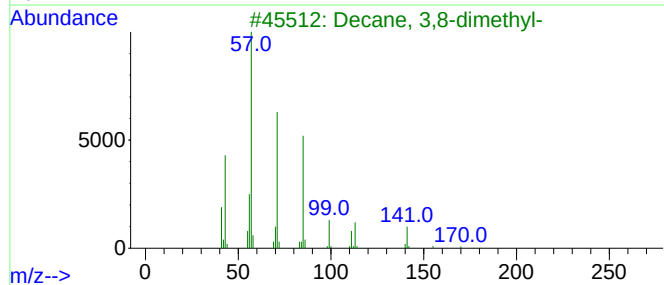
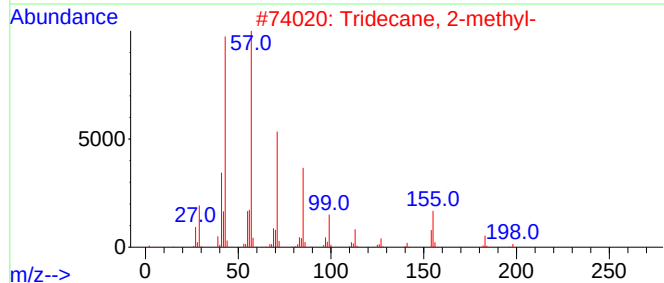
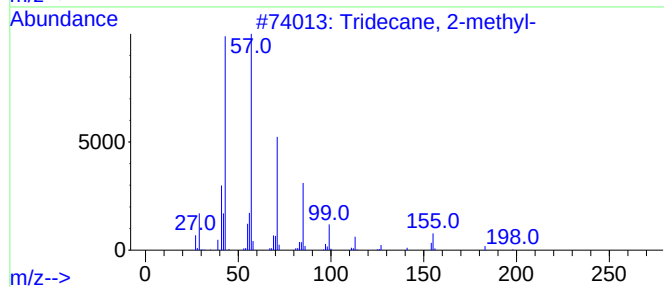
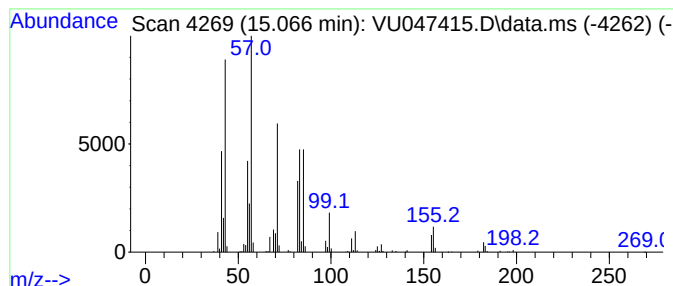
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	2.75 ug/L	269473	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	55
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	52
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

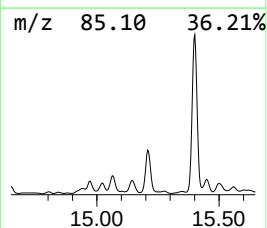
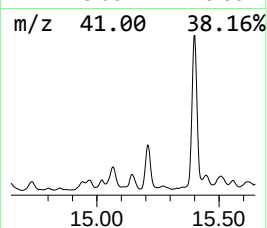
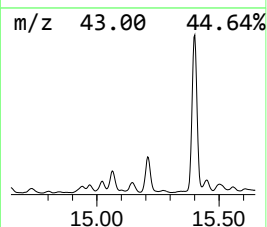
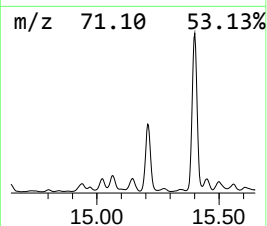
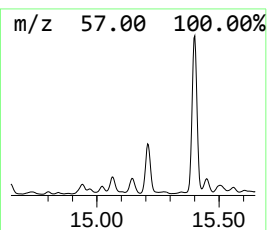
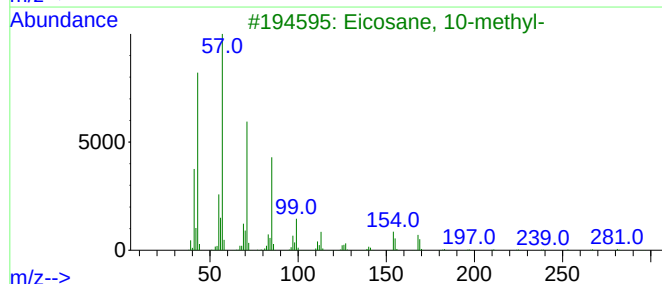
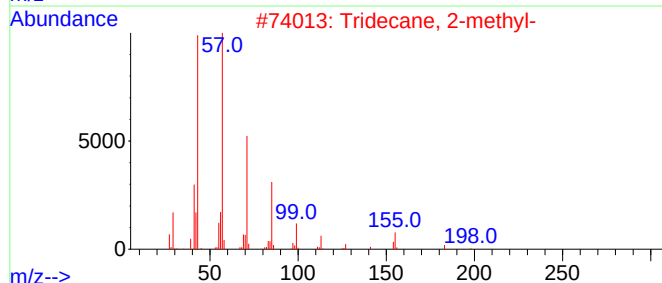
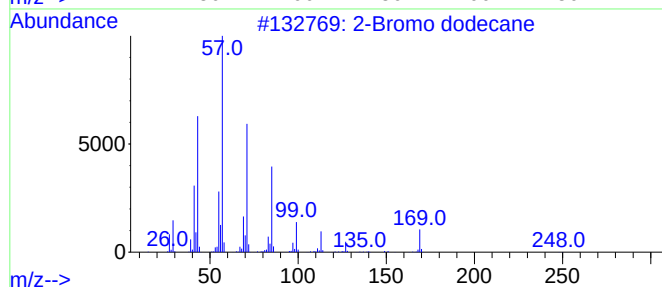
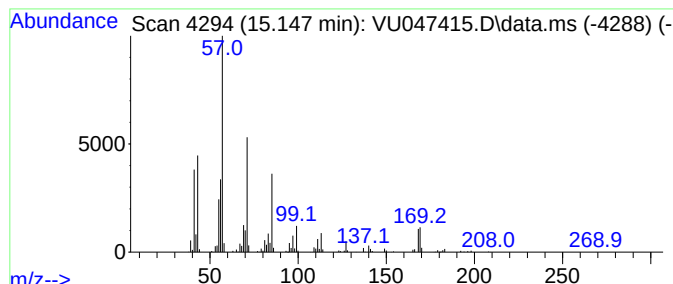
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.147	1.98 ug/L	193899	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	76
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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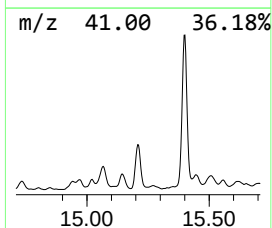
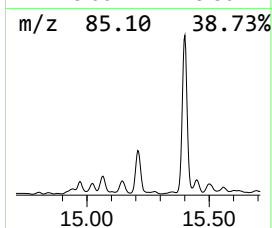
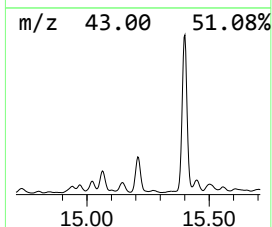
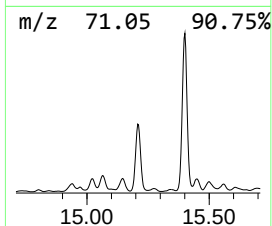
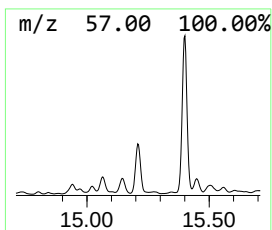
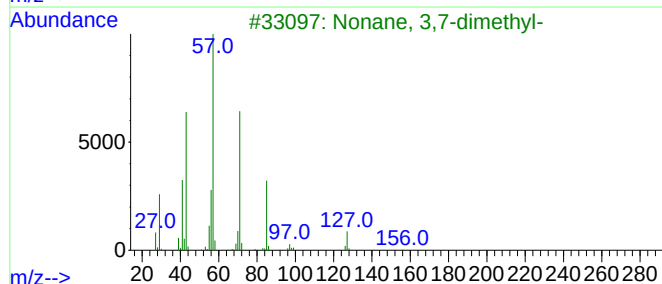
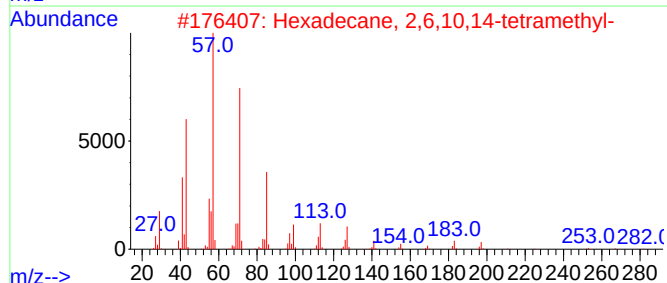
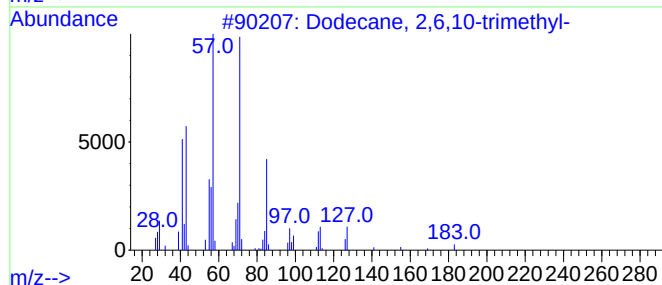
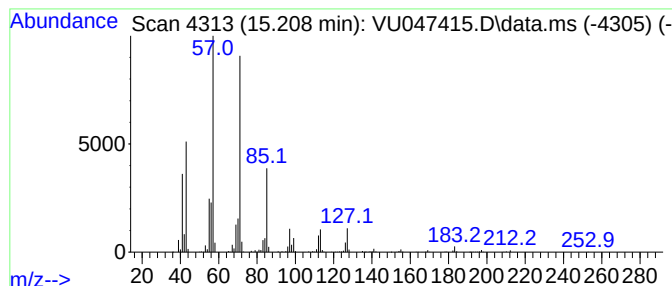
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	6.42 ug/L	628664	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octane, 2-methyl-	128	C9H20	003221-61-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

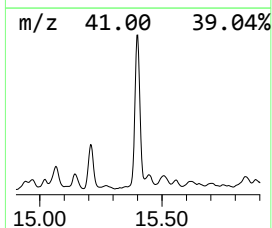
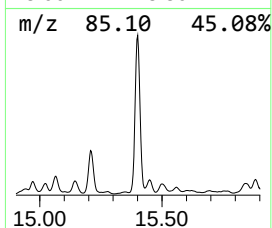
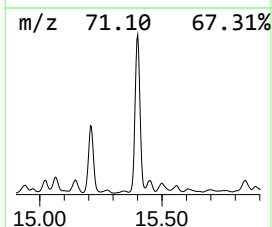
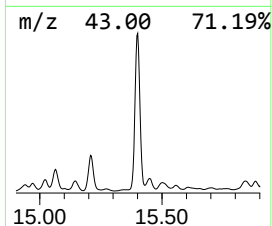
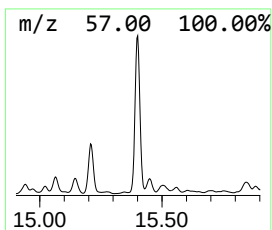
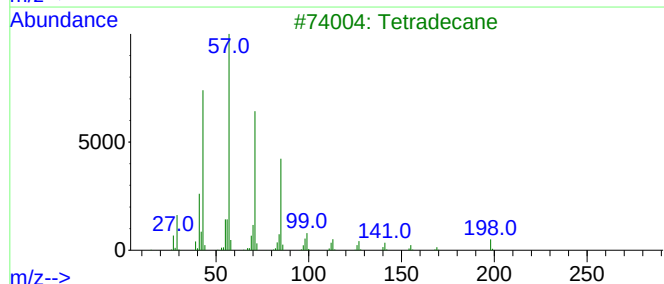
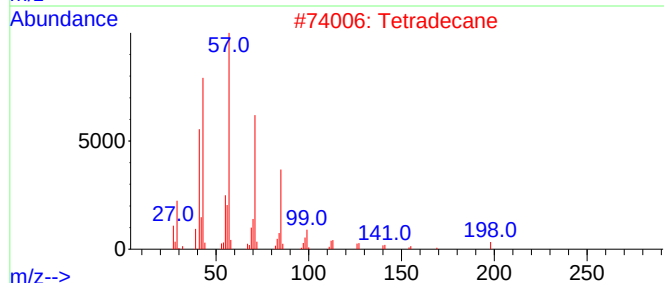
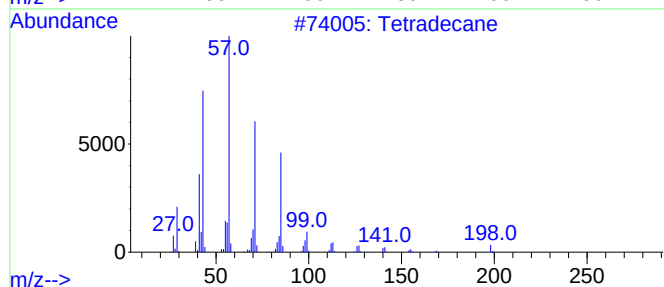
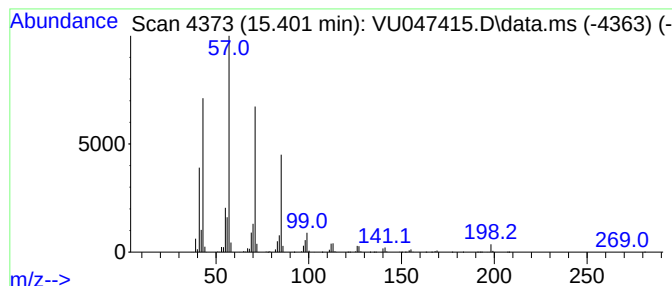
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	17.77 ug/L	1739840	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	97
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

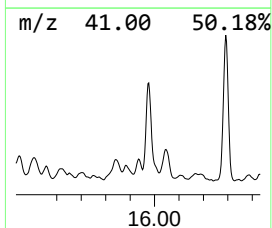
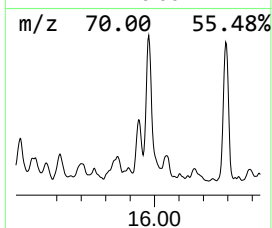
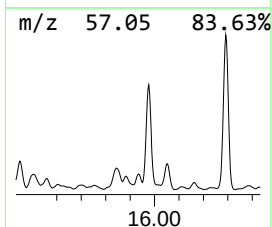
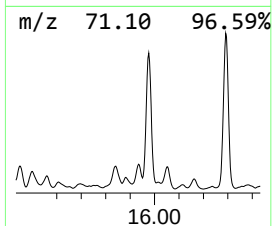
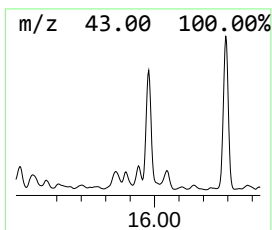
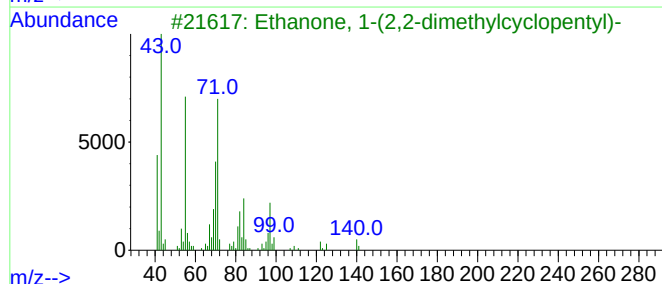
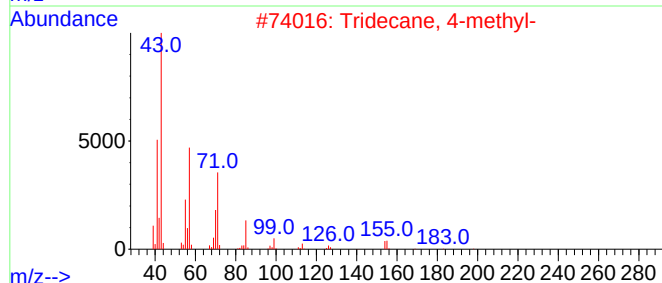
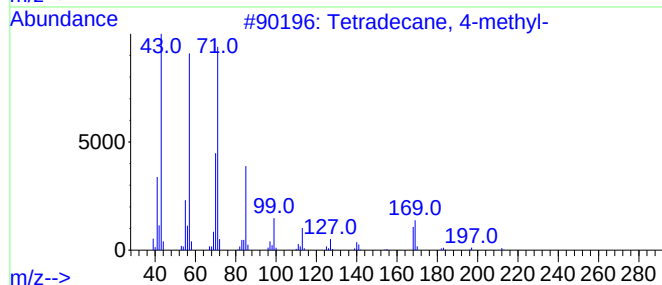
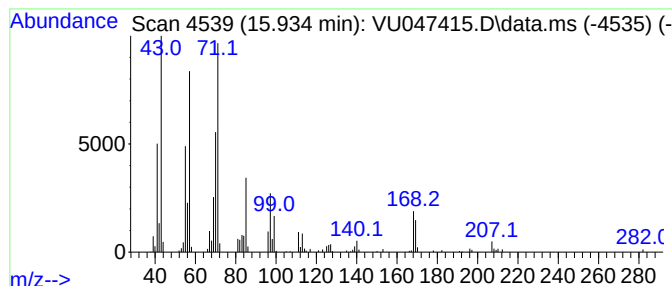
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.934	0.72 ug/L	70101	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	91
2		Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
3		Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	58
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
5		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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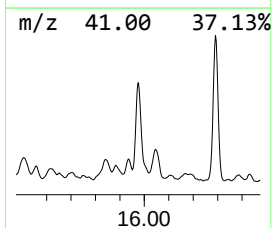
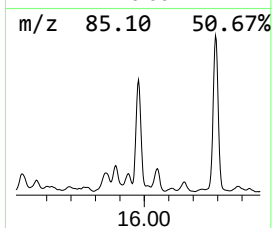
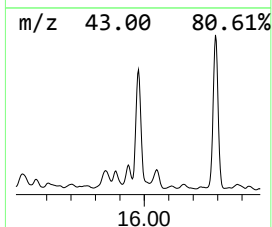
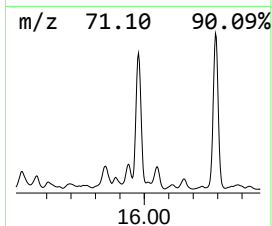
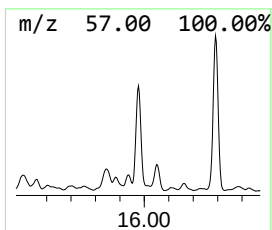
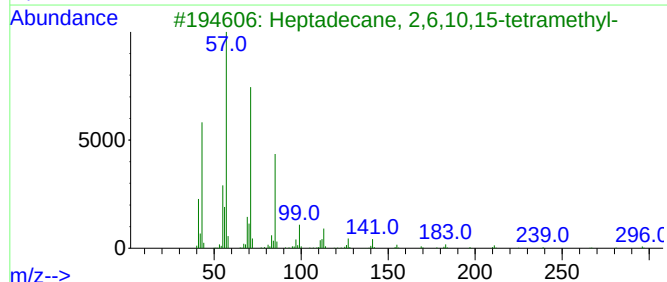
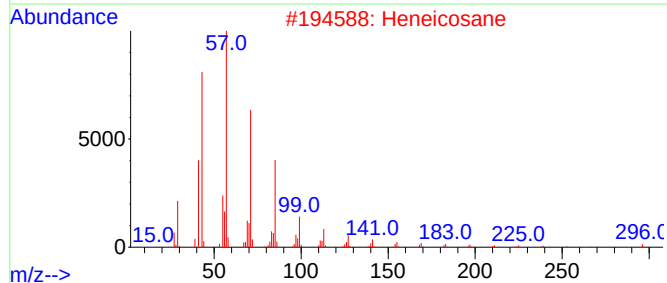
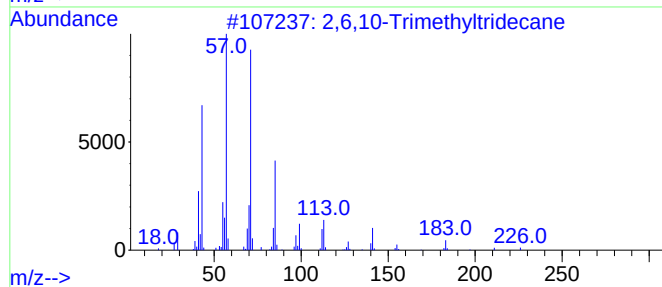
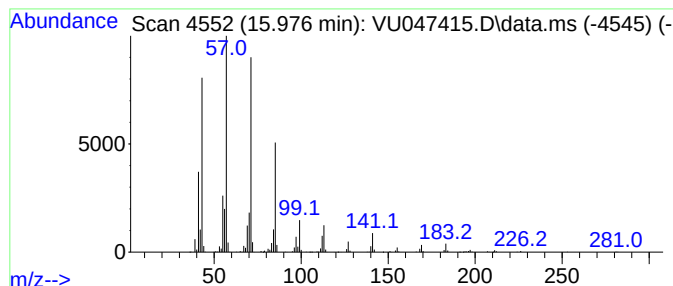
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.976	7.42 ug/L	726089	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Decane, 5-propyl-	184	C13H28	017312-62-8	87
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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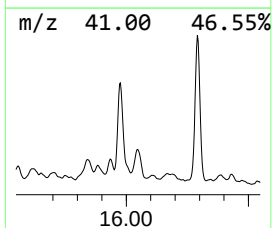
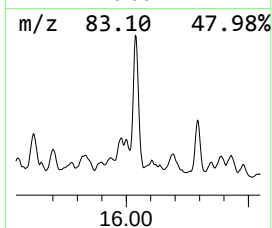
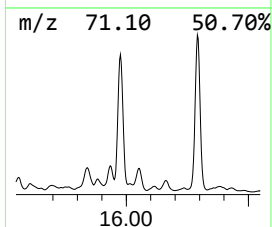
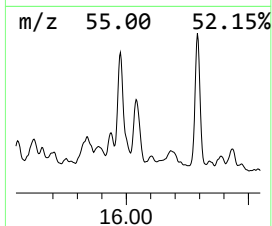
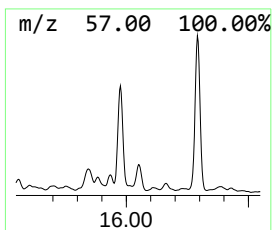
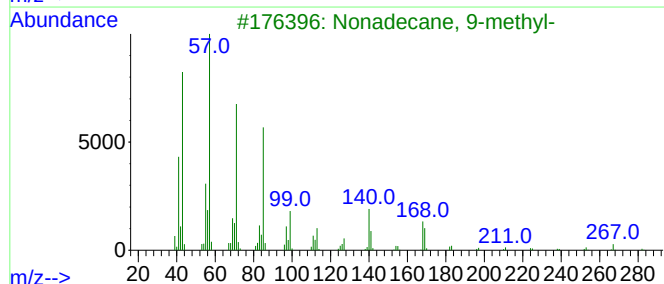
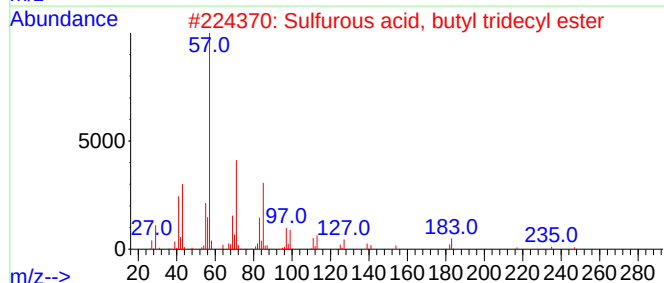
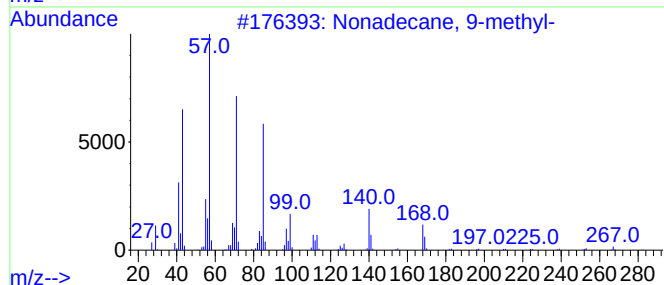
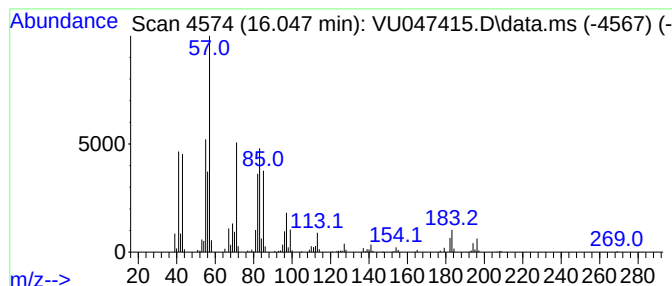
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.047	2.58 ug/L	252293	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	46
3			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	46
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	46
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

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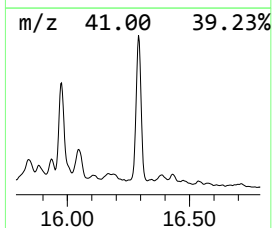
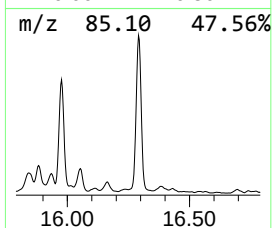
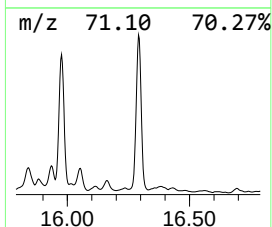
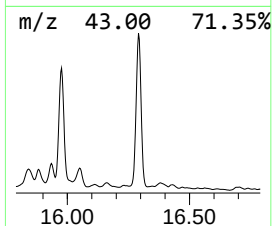
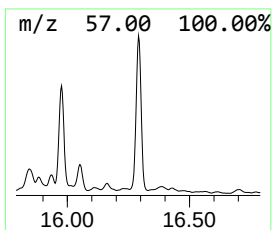
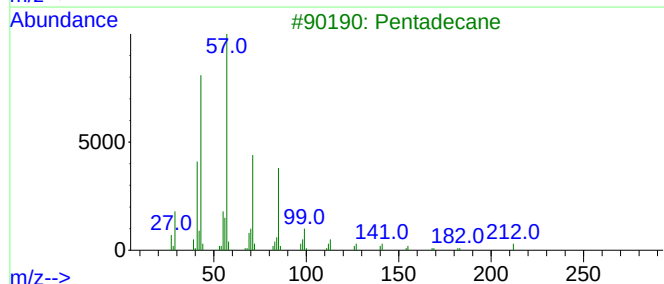
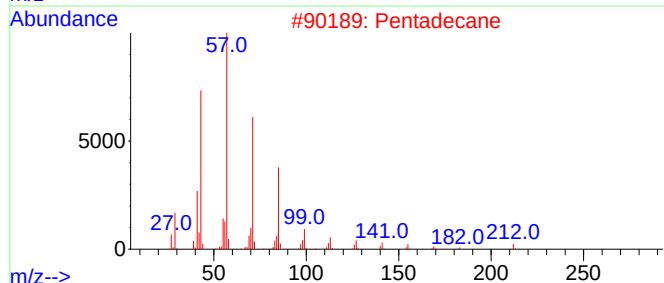
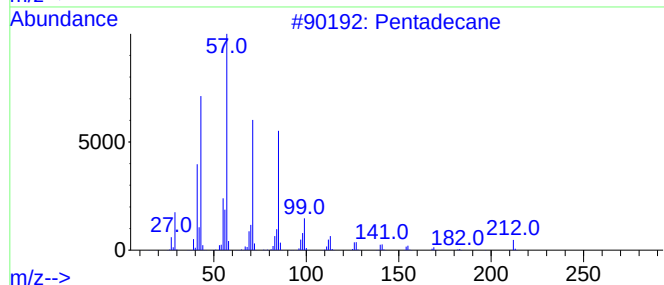
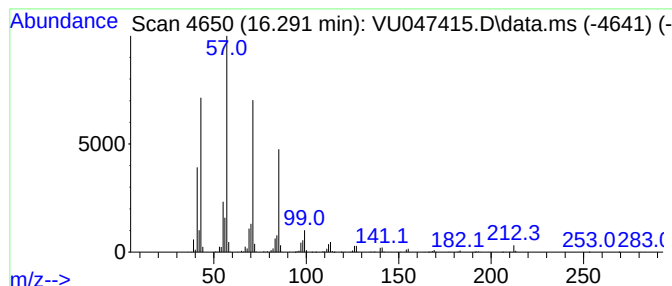
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	9.19 ug/L	899670	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	93
3			Pentadecane	212	C15H32	000629-62-9	92
4			Tetradecane	198	C14H30	000629-59-4	91
5			Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047415.D
 Acq On : 09 Mar 2022 19:32
 Operator : SY/MD
 Sample : N1840-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY24

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...	1.372	0.6	ug/L	42571	1	6.295	381321	5.0
Pentanal	6.925	0.9	ug/L	65410	1	6.295	381321	5.0
Hexanal	8.803	4.2	ug/L	386352	2	9.427	463151	5.0
Heptanal	10.349	1.0	ug/L	89400	2	9.427	463151	5.0
Octanal	11.690	1.6	ug/L	153289	3	11.816	489527	5.0
Nonanal	12.886	3.4	ug/L	334470	3	11.816	489527	5.0
(DEL) Alkane: S...	13.433	1.1	ug/L	109179	3	11.816	489527	5.0
(DEL) Alkane: S...	13.587	0.6	ug/L	60716	3	11.816	489527	5.0
(DEL) Alkane: C...	14.047	0.5	ug/L	51847	3	11.816	489527	5.0
(DEL) Alkane: S...	14.192	2.2	ug/L	216745	3	11.816	489527	5.0
(DEL) Alkane: S...	14.449	6.2	ug/L	604880	3	11.816	489527	5.0
(DEL) Alkane: C...	14.571	0.6	ug/L	59679	3	11.816	489527	5.0
(DEL) Alkane: S...	14.648	1.3	ug/L	127190	3	11.816	489527	5.0
2-Decenal, (E)-	14.735	1.0	ug/L	99292	3	11.816	489527	5.0
(DEL) Alkane: S...	15.021	0.8	ug/L	73022	3	11.816	489527	5.0
(DEL) Alkane: S...	15.066	2.8	ug/L	269473	3	11.816	489527	5.0
2-Bromo dodecane	15.147	2.0	ug/L	193899	3	11.816	489527	5.0
(DEL) Alkane: S...	15.208	6.4	ug/L	628664	3	11.816	489527	5.0
(DEL) Alkane: S...	15.401	17.8	ug/L	1739840	3	11.816	489527	5.0
(DEL) Alkane: S...	15.934	0.7	ug/L	70101	3	11.816	489527	5.0
(DEL) Alkane: S...	15.976	7.4	ug/L	726089	3	11.816	489527	5.0
(DEL) Alkane: S...	16.047	2.6	ug/L	252293	3	11.816	489527	5.0
(DEL) Alkane: S...	16.291	9.2	ug/L	899670	3	11.816	489527	5.0