

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047360.D
 Acq On : 07 Mar 2022 12:22
 Operator : SY/MD
 Sample : N1773-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18

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\SFAMUTR030422WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU047360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.375	3	11	32	rVB	600637	638903	6.75%	0.921%
2	1.620	76	87	98	rBV3	246202	445170	4.70%	0.641%
3	1.945	178	188	205	rBV	72207	105697	1.12%	0.152%
4	2.600	378	392	417	rBV2	960652	1644553	17.37%	2.370%
5	3.896	783	795	814	rVB	62919	152439	1.61%	0.220%
6	4.690	1025	1042	1121	rVB2	1021828	2670095	28.20%	3.847%
7	5.089	1151	1166	1189	rVB	116945	267544	2.83%	0.385%
8	5.337	1225	1243	1267	rVB	156962	356125	3.76%	0.513%
9	5.758	1354	1374	1411	rBV2	248390	618370	6.53%	0.891%
10	6.292	1525	1540	1561	rVB	212971	398916	4.21%	0.575%
11	6.578	1613	1629	1662	rBV	2257277	4164348	43.97%	6.000%
12	6.729	1662	1676	1701	rVB	150425	299818	3.17%	0.432%
13	7.591	1929	1944	1962	rBV	82592	143391	1.51%	0.207%
14	7.919	2033	2046	2060	rBV	292066	490769	5.18%	0.707%
15	8.568	2234	2248	2263	rBV	3044455	5061055	53.44%	7.292%
16	8.658	2264	2276	2294	rVB	401336	746345	7.88%	1.075%
17	8.803	2310	2321	2349	rVB	455011	786563	8.31%	1.133%
18	9.430	2503	2516	2537	rVB	295261	490292	5.18%	0.706%
19	10.349	2789	2802	2826	rVB2	133876	214255	2.26%	0.309%
20	10.677	2889	2904	2919	rBV	165752	270835	2.86%	0.390%
21	10.764	2920	2931	2940	rBV	138783	229025	2.42%	0.330%
22	11.124	3029	3043	3050	rBV4	57152	122784	1.30%	0.177%
23	11.301	3090	3098	3109	rVB4	69168	112043	1.18%	0.161%
24	11.388	3114	3125	3132	rBV	63044	109131	1.15%	0.157%
25	11.459	3138	3147	3174	rVB	434421	746872	7.89%	1.076%
26	11.581	3174	3185	3199	rBV	174264	295205	3.12%	0.425%
27	11.697	3208	3221	3232	rBV4	807565	1455382	15.37%	2.097%
28	11.815	3247	3258	3268	rBV	392461	643695	6.80%	0.927%
29	11.870	3268	3275	3284	rVV	119174	189980	2.01%	0.274%
30	11.944	3285	3298	3302	rVV	368144	616693	6.51%	0.889%
31	11.976	3303	3308	3323	rVB	521118	754345	7.97%	1.087%
32	12.172	3359	3369	3370	rBV4	256115	323359	3.41%	0.466%
33	12.333	3410	3419	3429	rBV3	163159	276114	2.92%	0.398%
34	12.401	3430	3440	3453	rVB3	95964	216290	2.28%	0.312%
35	12.542	3474	3484	3497	rBV5	91511	200102	2.11%	0.288%
36	12.841	3569	3577	3584	rBV2	159770	228395	2.41%	0.329%

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Integrator: RTE

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : TRACE VOA SFAM1.0

37	12.886	3584	3591	3599	rBV	442046	603881	6.38%	0.870%
38	12.954	3600	3612	3622	rVB6	163655	475027	5.02%	0.684%
39	13.008	3622	3629	3634	rBV2	162504	238599	2.52%	0.344%
40	13.053	3635	3643	3652	rVB3	470045	700264	7.39%	1.009%
41	13.137	3661	3669	3680	rBV2	363352	573287	6.05%	0.826%
42	13.198	3682	3688	3702	rVB5	118207	256709	2.71%	0.370%
43	13.433	3752	3761	3784	rBV2	2937479	6075841	64.16%	8.754%
44	13.532	3785	3792	3800	rBV4	354085	554679	5.86%	0.799%
45	13.590	3801	3810	3825	rBV	2220191	5158771	54.47%	7.433%
46	13.729	3847	3853	3866	rVB4	470291	729885	7.71%	1.052%
47	13.851	3885	3891	3896	rBV3	353723	558176	5.89%	0.804%
48	14.002	3918	3938	3944	rBV4	1473800	3950566	41.72%	5.692%
49	14.050	3945	3953	3961	rVV2	1270848	2150687	22.71%	3.099%
50	14.095	3962	3967	3972	rBV	788003	894583	9.45%	1.289%
51	14.195	3987	3998	4011	rBV2	3266224	5995590	63.31%	8.639%
52	14.455	4070	4079	4087	rBV	7291236	9470070	100.00%	13.645%
53	15.211	4307	4314	4327	rVB2	1238843	1922483	20.30%	2.770%
54	15.401	4366	4373	4380	rBV	1521337	1888121	19.94%	2.721%
55	15.976	4547	4552	4566	rVB3	238166	393080	4.15%	0.566%
56	16.291	4644	4650	4672	rVB	185369	327959	3.46%	0.473%

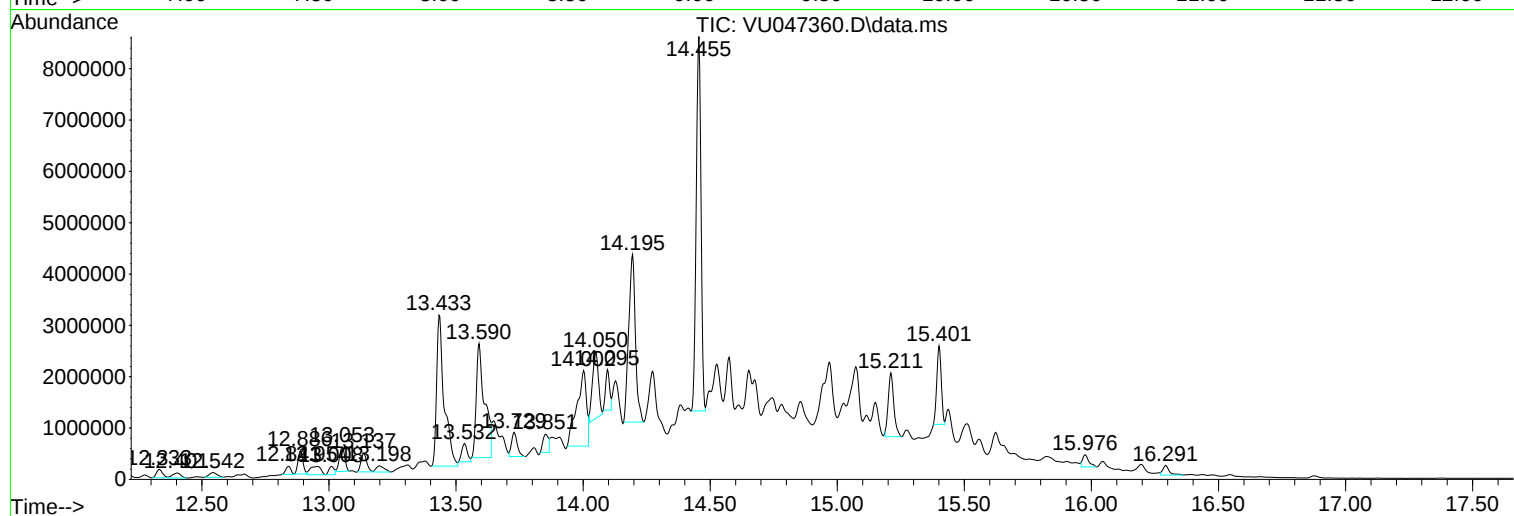
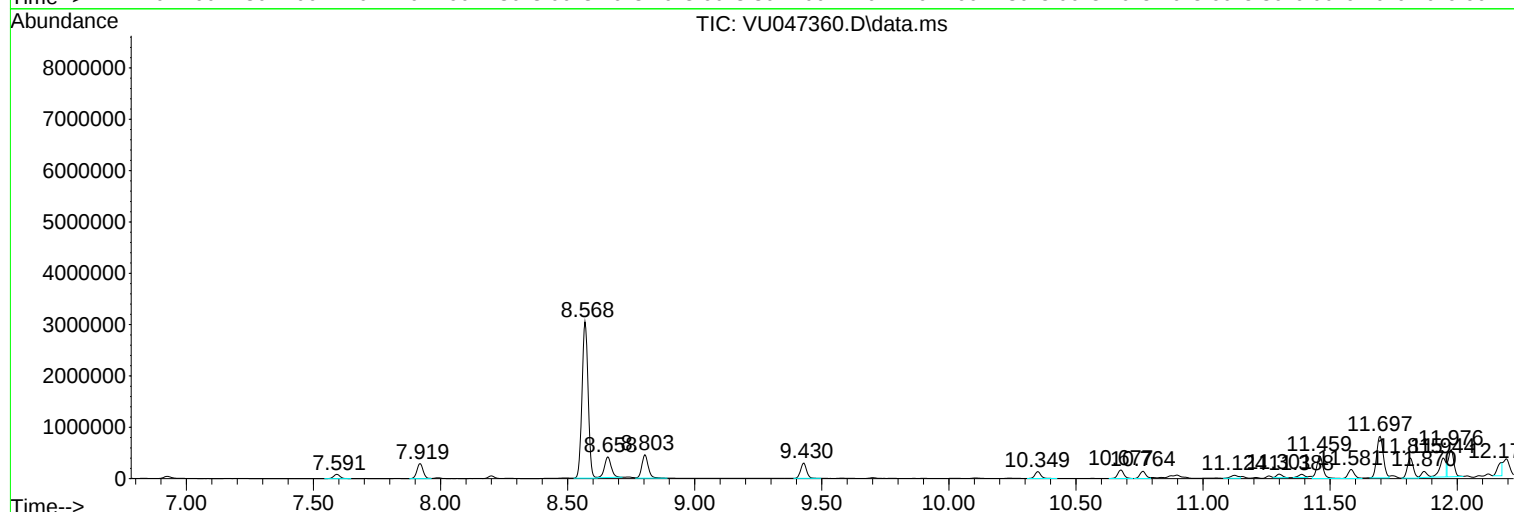
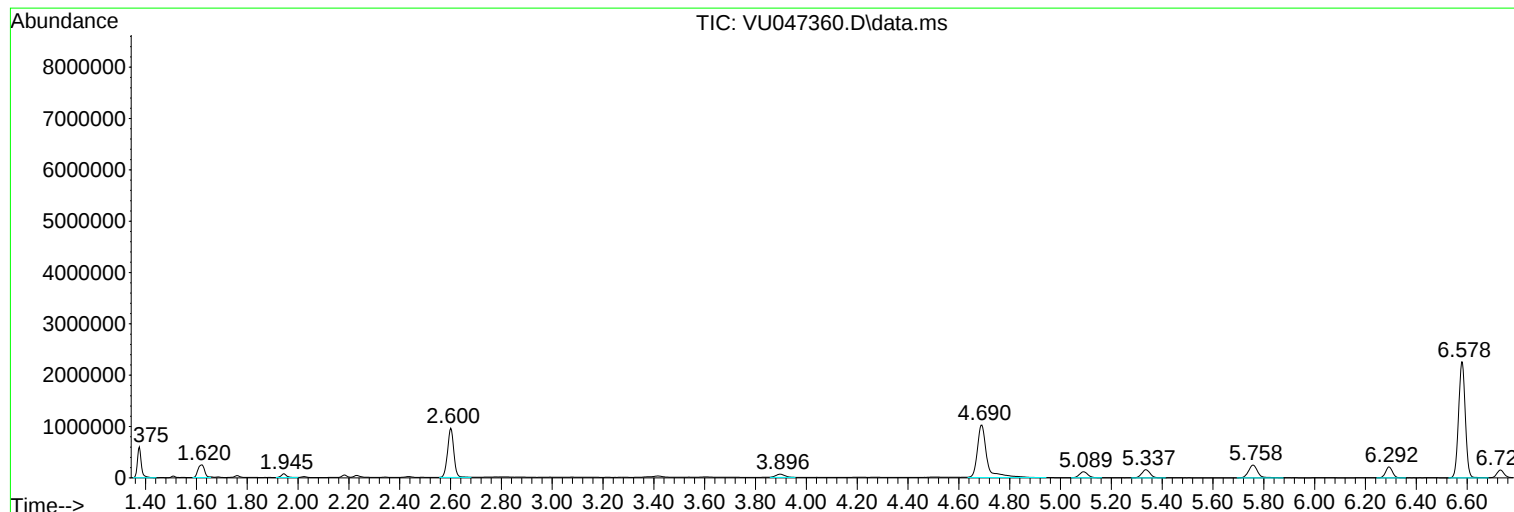
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Operator : SY/MD
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

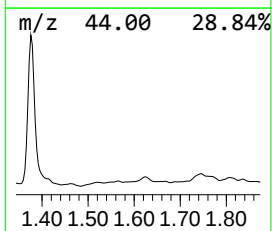
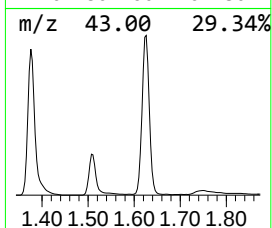
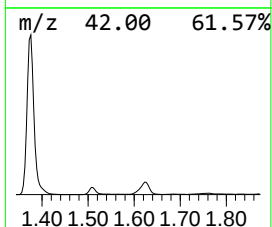
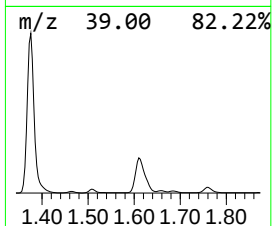
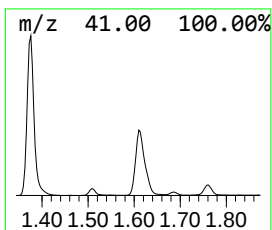
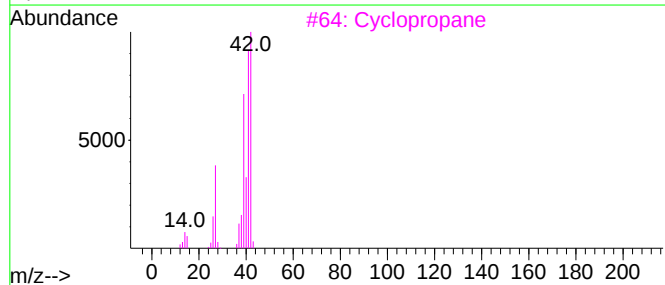
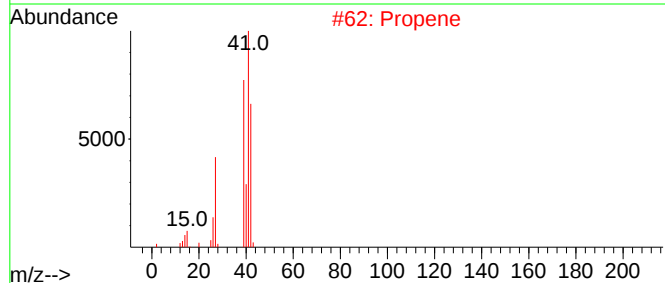
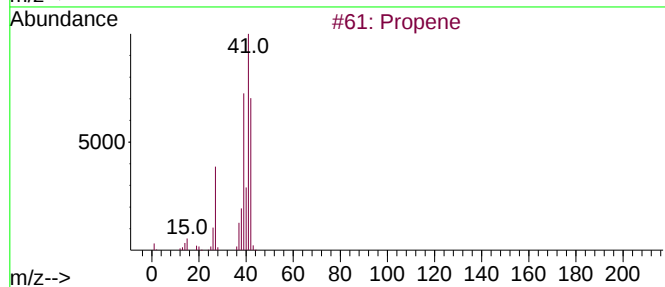
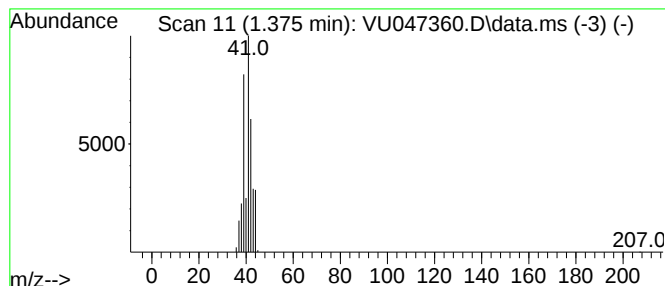
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.375	8.01 ug/L	638903	1,4-Difluorobenzene	6.292

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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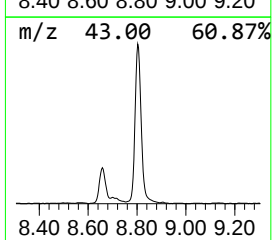
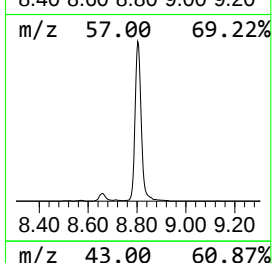
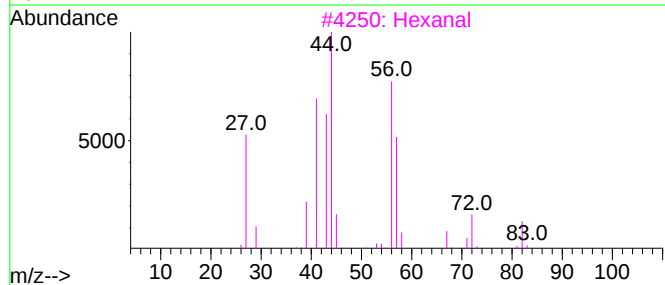
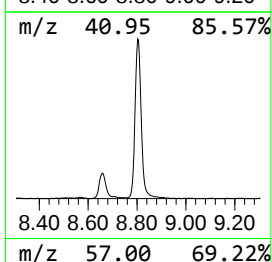
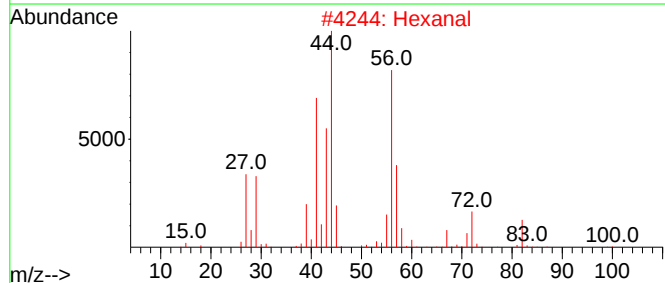
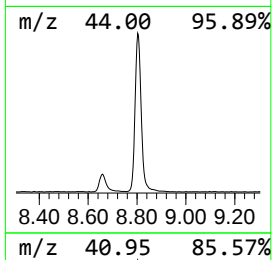
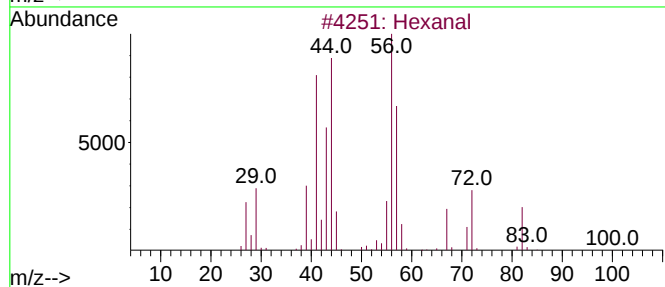
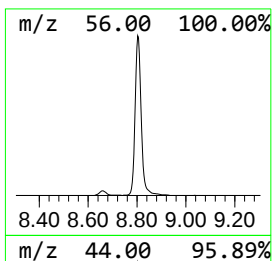
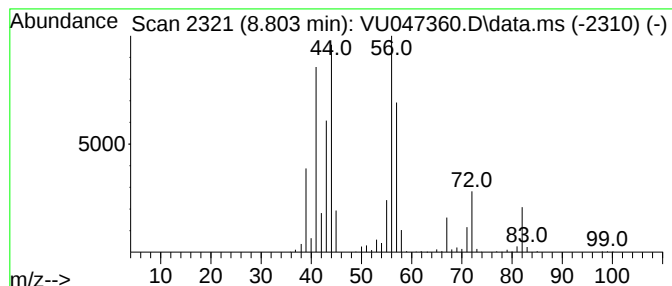
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	8.02 ug/L	786563	Chlorobenzene-d5	9.430

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	83
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	74
5	Hexanal			100	C6H12O	000066-25-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
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Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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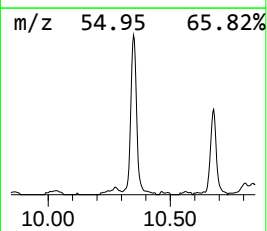
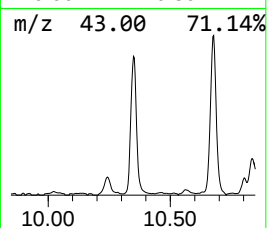
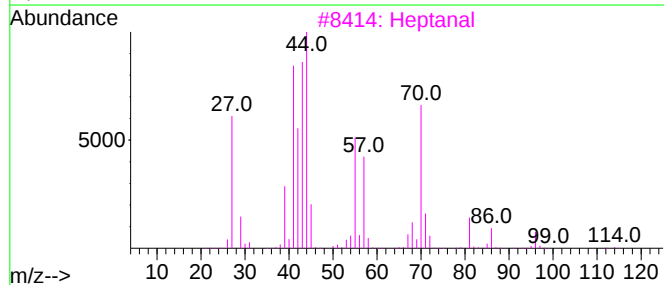
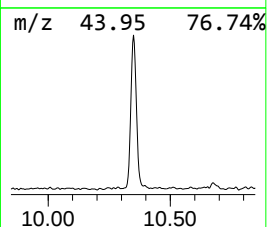
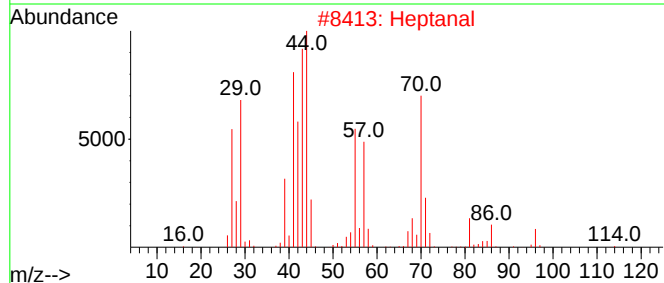
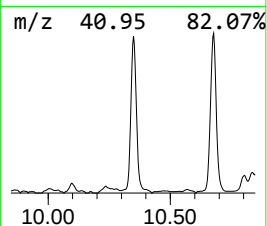
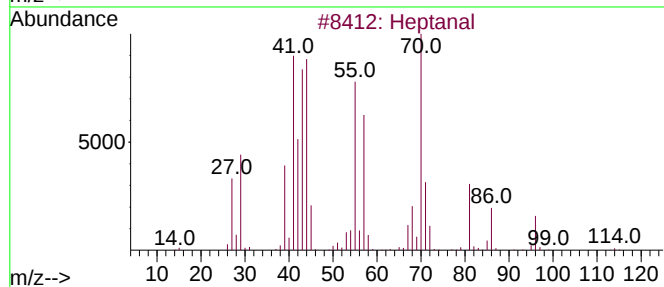
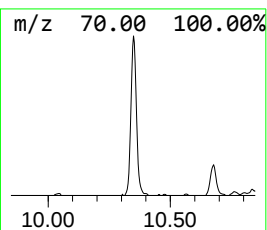
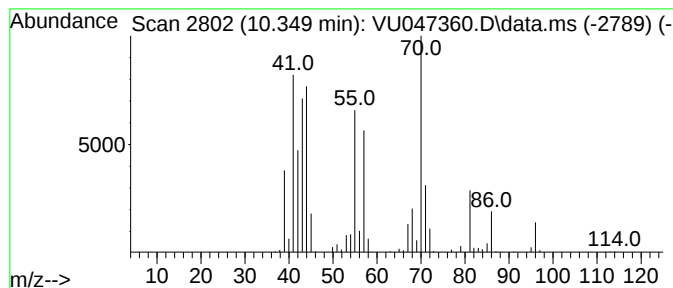
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Heptanal Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	2.18 ug/L	214255	Chlorobenzene-d5	9.430

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	98
2	Heptanal			114	C7H14O	000111-71-7	95
3	Heptanal			114	C7H14O	000111-71-7	94
4	Heptanal			114	C7H14O	000111-71-7	52
5	Heptanal			114	C7H14O	000111-71-7	43



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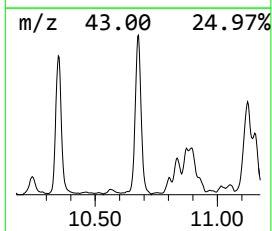
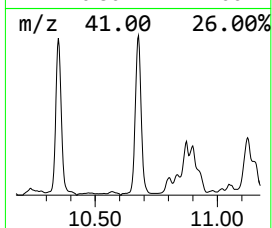
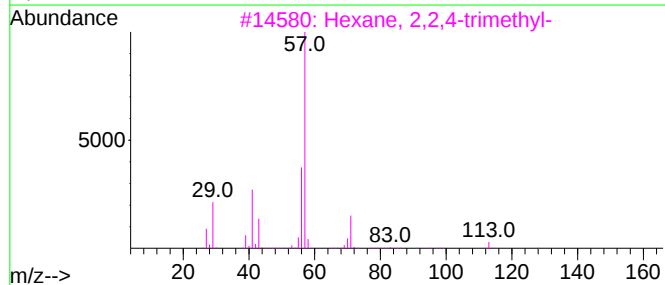
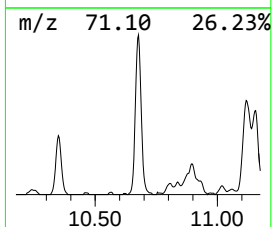
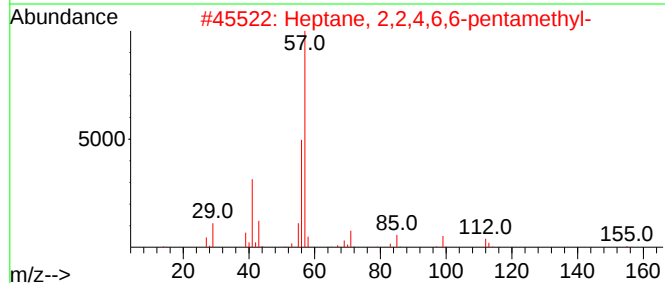
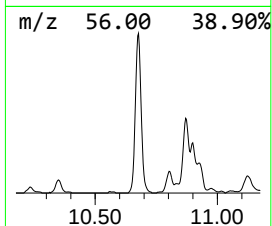
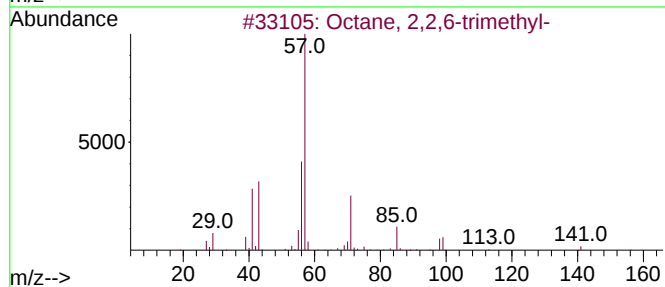
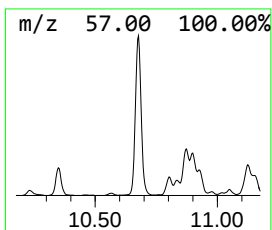
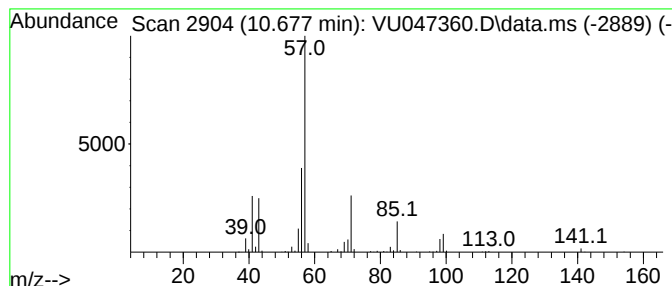
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	2.10 ug/L	270835	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	83
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50



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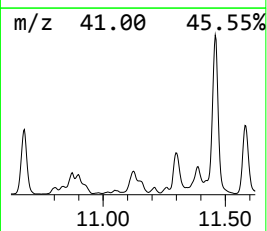
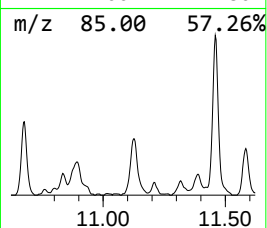
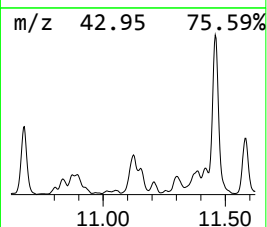
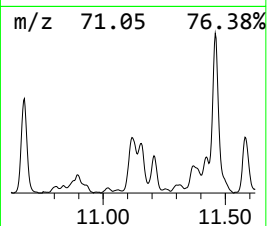
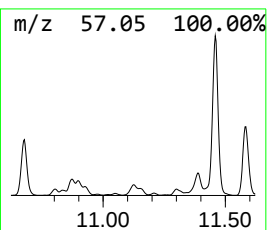
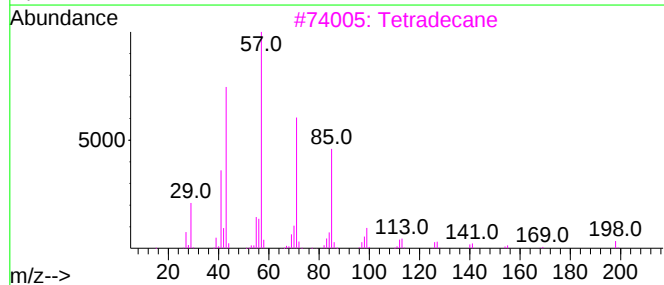
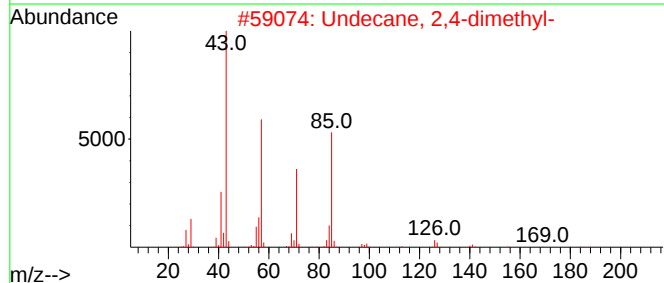
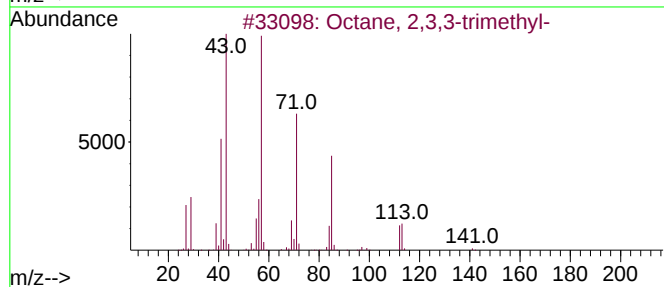
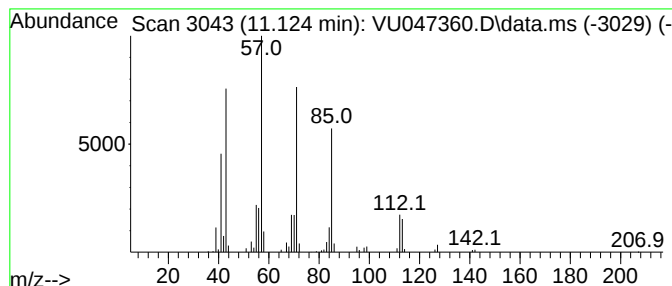
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.124	0.95 ug/L	122784	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	83
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	80
3	Tetradecane	198	C14H30	000629-59-4	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

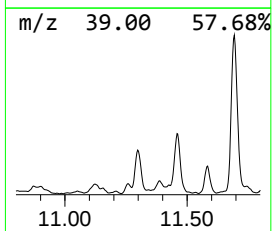
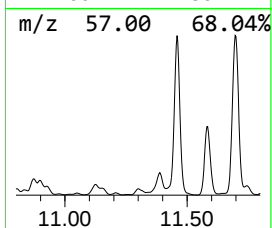
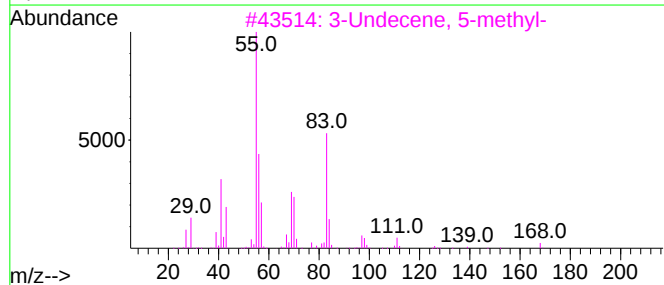
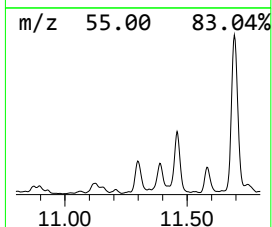
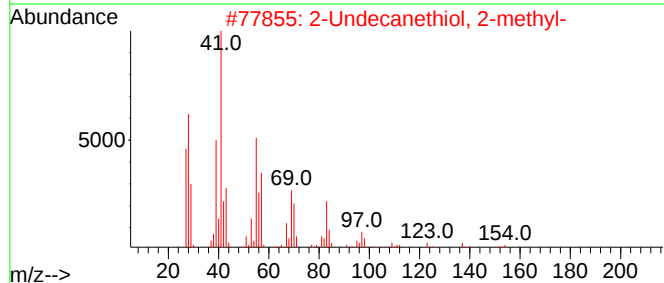
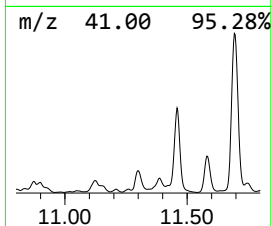
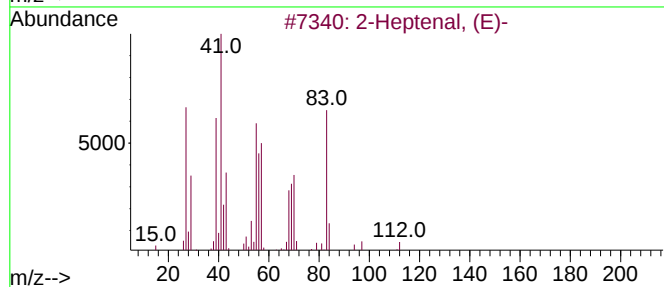
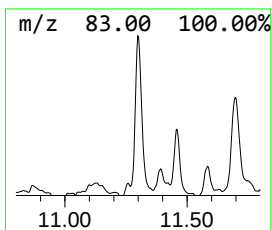
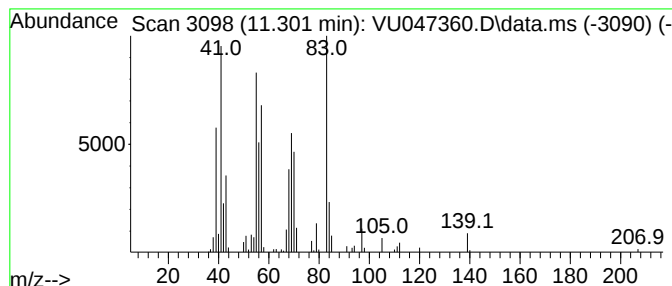
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 2-Heptenal, (E)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.301	0.87 ug/L	112043	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Heptenal, (E)-		112	C7H12O	018829-55-5	76
2	2-Undecanethiol, 2-methyl-		202	C12H26S	010059-13-9	50
3	3-Undecene, 5-methyl-		168	C12H24	1000061-84-1	50
4	(S)-(+)-5-Methyl-1-heptanol		130	C8H18O	057803-73-3	47
5	3-Ethylcyclopentanone		112	C7H12O	010264-55-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

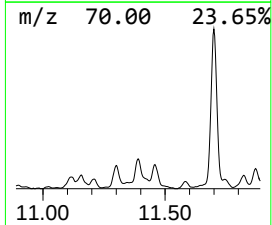
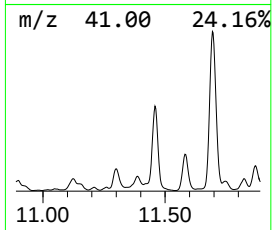
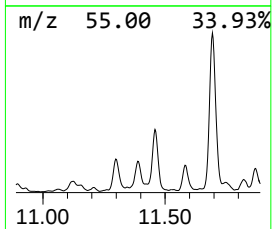
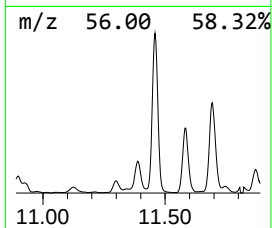
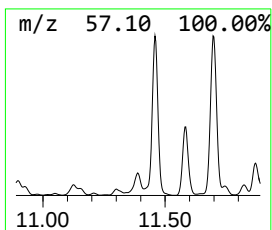
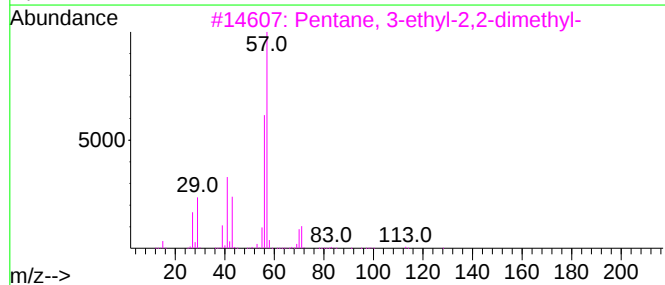
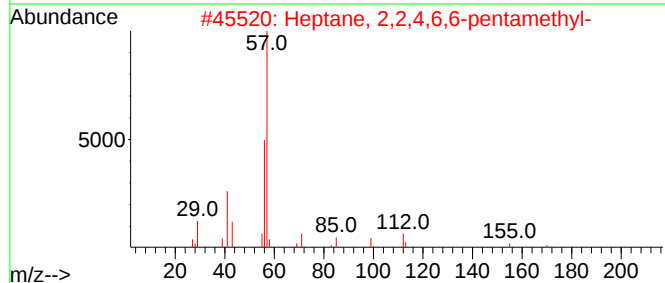
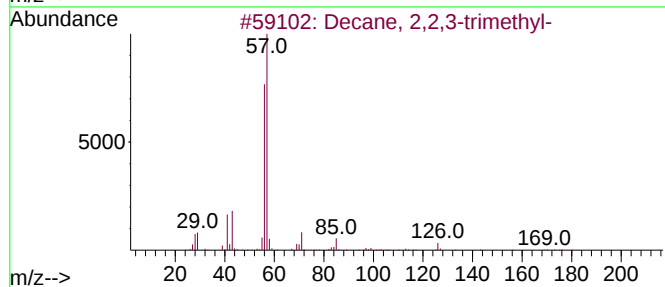
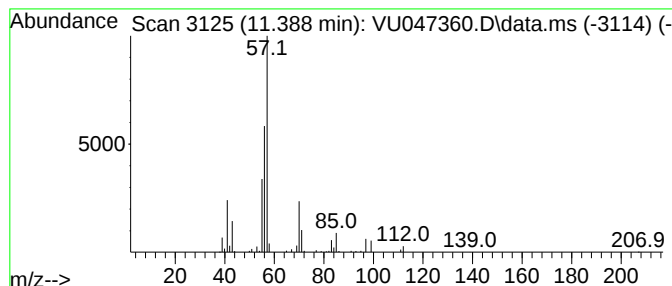
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
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 37

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.388	0.85 ug/L	109131	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,2,3-trimethyl-		184	C13H28	062338-09-4	53
2	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	53
3	Pentane, 3-ethyl-2,2-dimethyl-		128	C9H20	016747-32-3	47
4	Pentane, 3-ethyl-2,2-dimethyl-		128	C9H20	016747-32-3	47
5	3,3-Dimethyl-1,5-diazabicyclo[3....		112	C6H12N2	104518-71-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

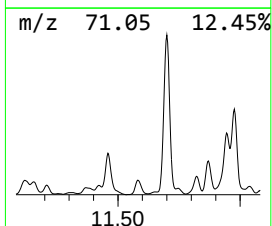
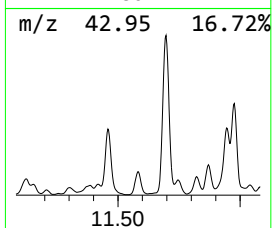
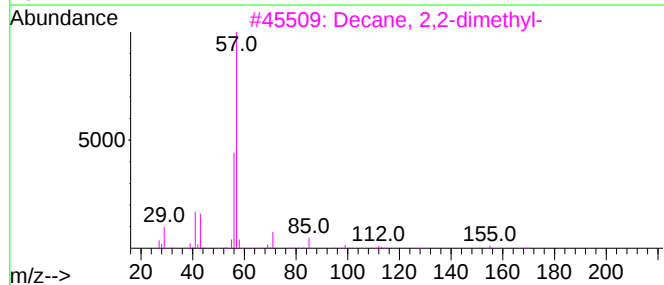
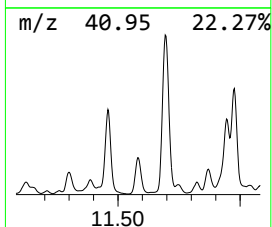
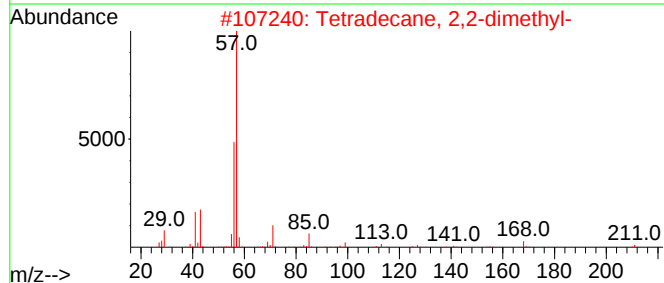
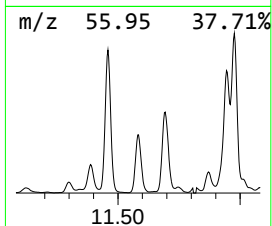
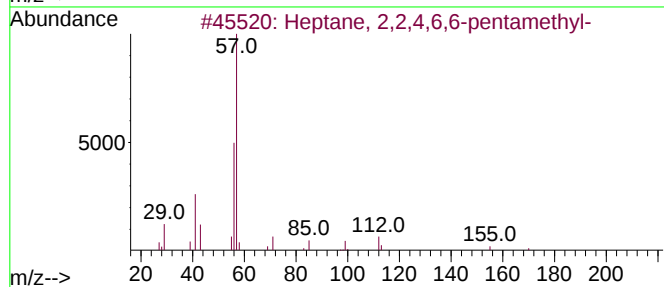
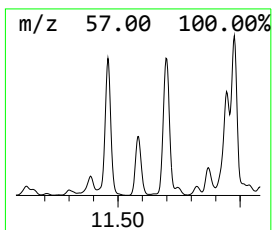
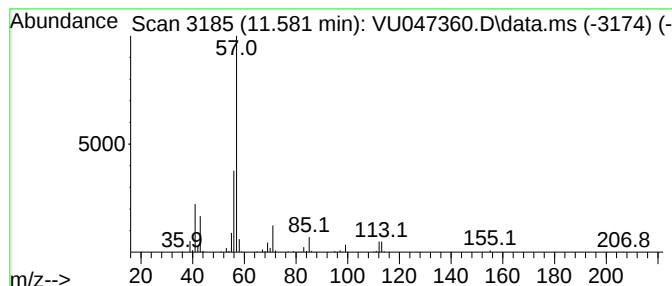
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
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 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.581	2.29 ug/L	295205	1,4-Dichlorobenzene-d4			11.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
2	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	72
3	Decane, 2,2-dimethyl-		170	C12H26	017302-37-3	72
4	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	64
5	Decane, 2,2,5-trimethyl-		184	C13H28	062237-96-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

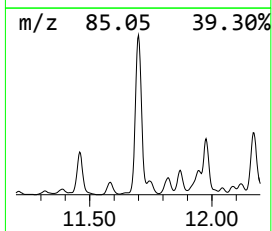
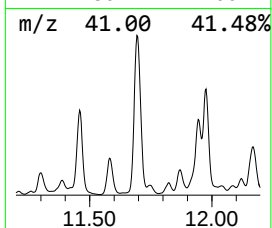
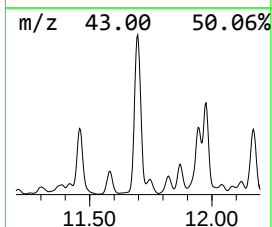
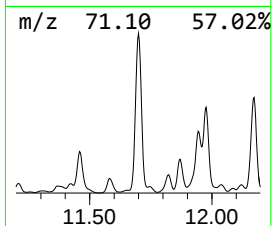
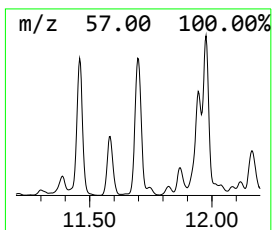
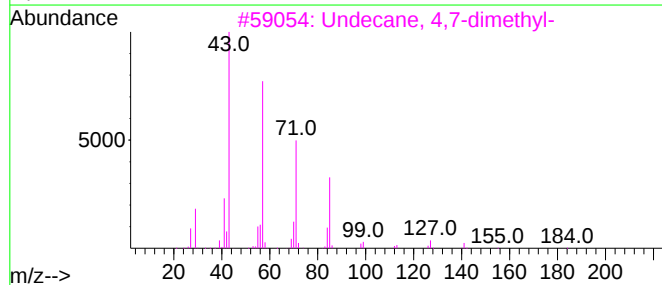
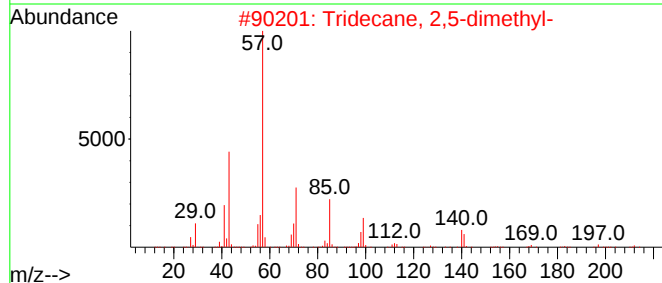
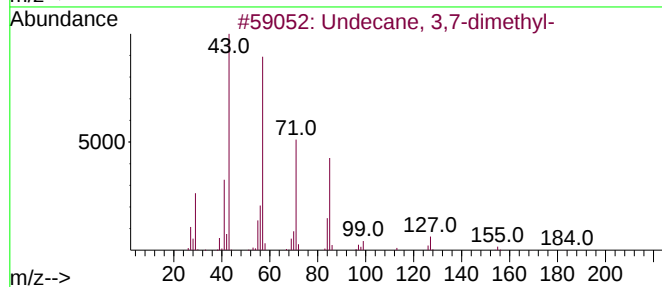
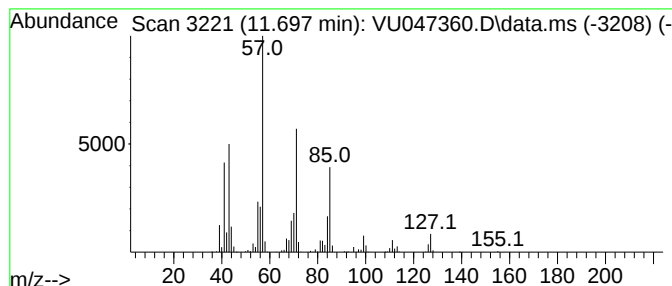
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.697	11.30 ug/L	1455380	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,7-dimethyl-		184	C13H28	017301-29-0	78
2	Tridecane, 2,5-dimethyl-		212	C15H32	056292-66-1	64
3	Undecane, 4,7-dimethyl-		184	C13H28	017301-32-5	64
4	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	64
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

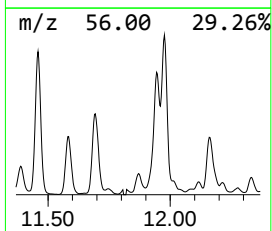
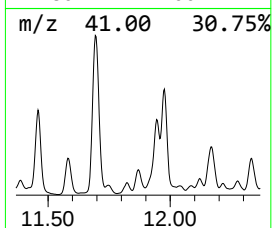
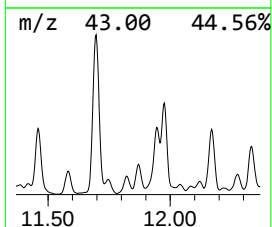
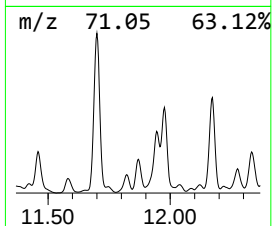
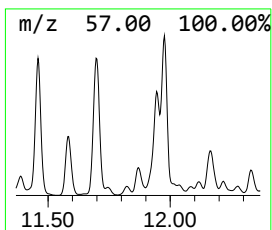
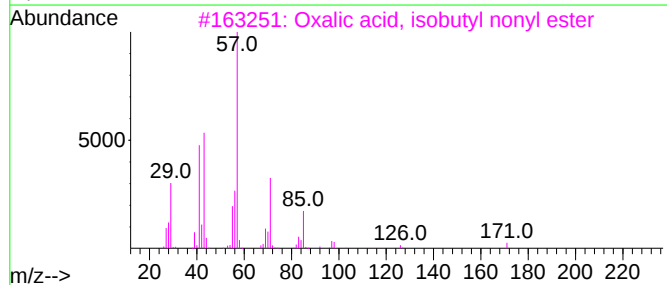
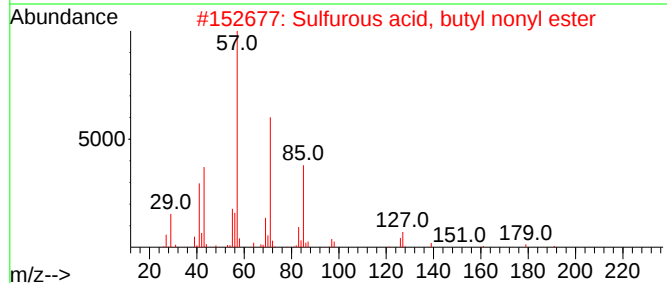
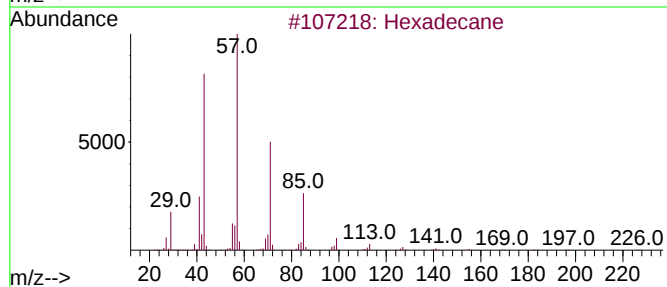
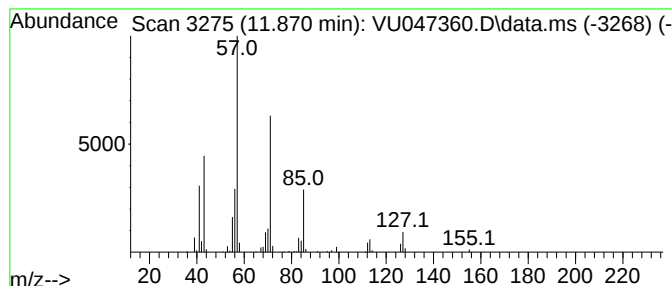
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
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 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.870	1.48 ug/L	189980	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

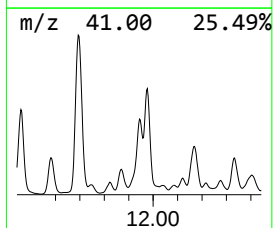
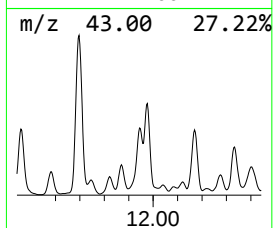
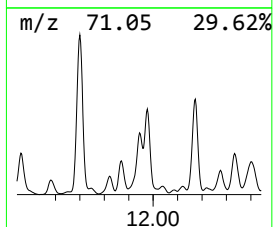
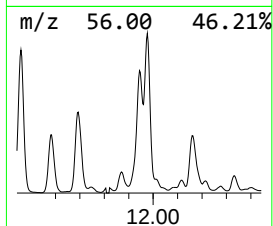
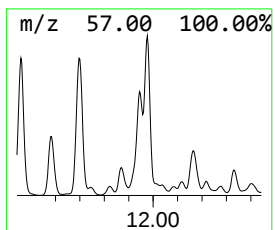
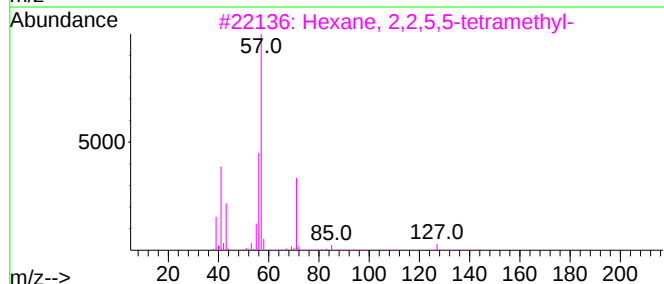
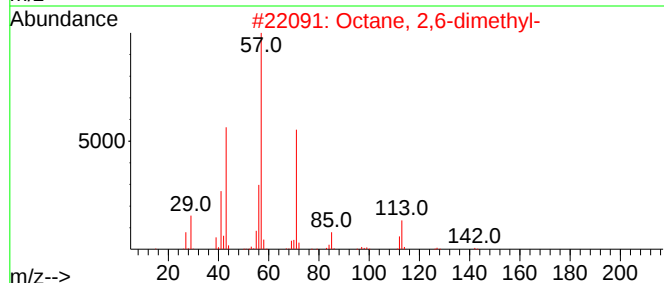
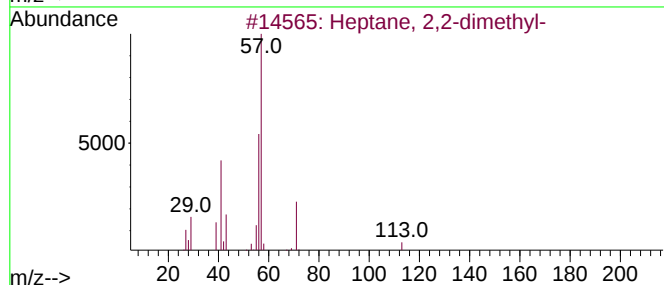
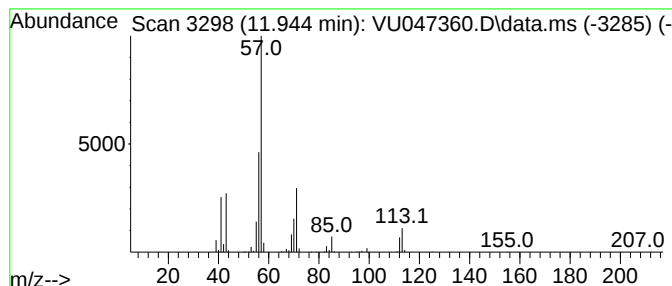
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.944	4.79 ug/L	616693	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3		Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

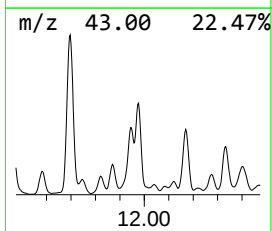
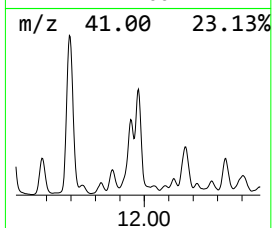
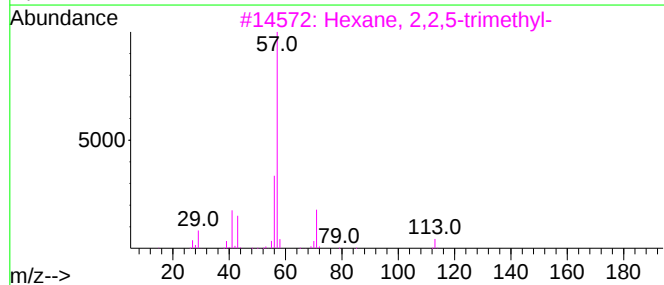
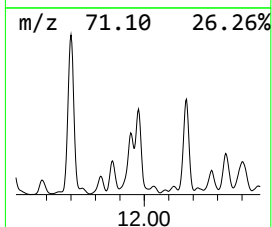
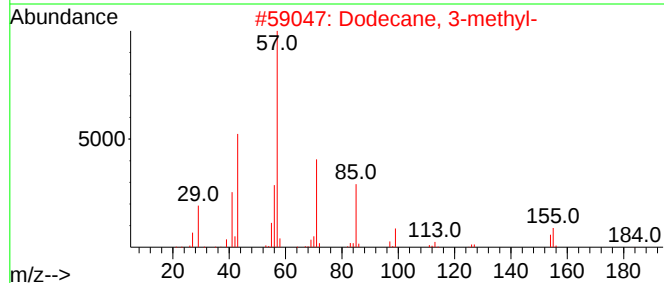
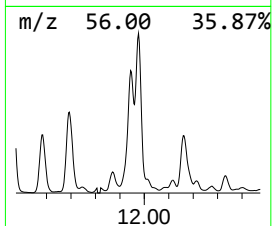
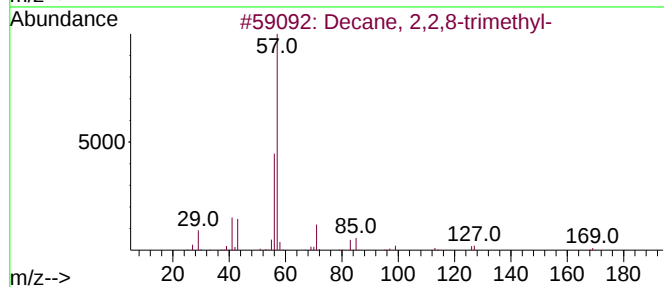
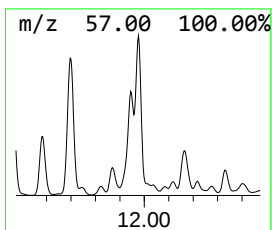
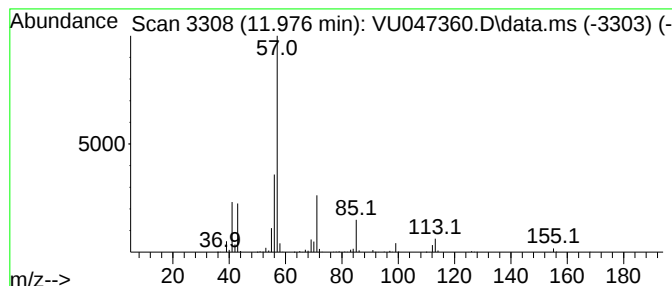
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.976	5.86 ug/L	754345	1,4-Dichlorobenzene-d4			11.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	72
2	Dodecane, 3-methyl-		184	C13H28	017312-57-1	72
3	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	59
4	Hexane, 2,2,4-trimethyl-		128	C9H20	016747-26-5	59
5	Undecane, 5-ethyl-		184	C13H28	017453-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

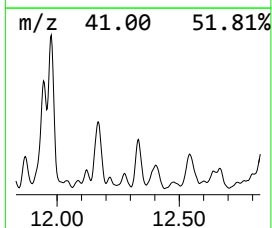
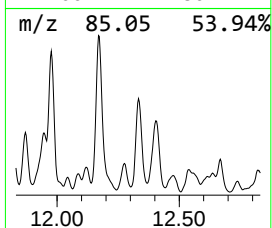
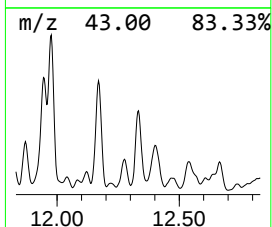
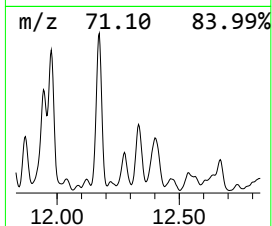
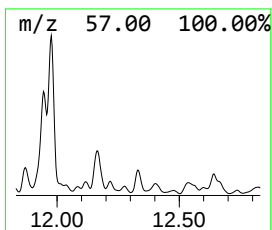
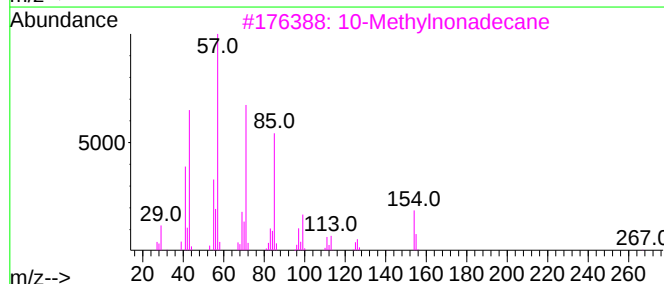
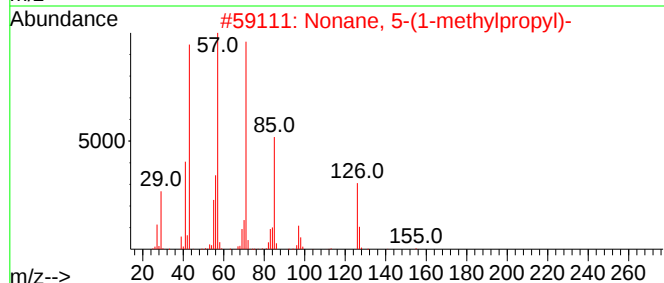
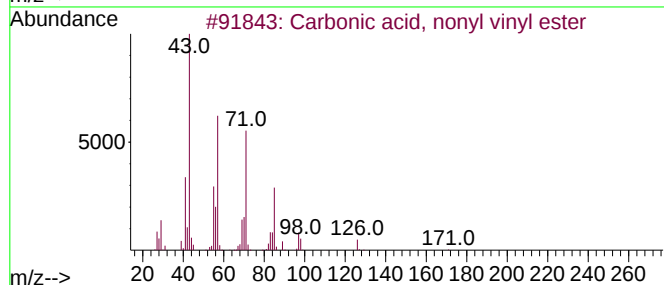
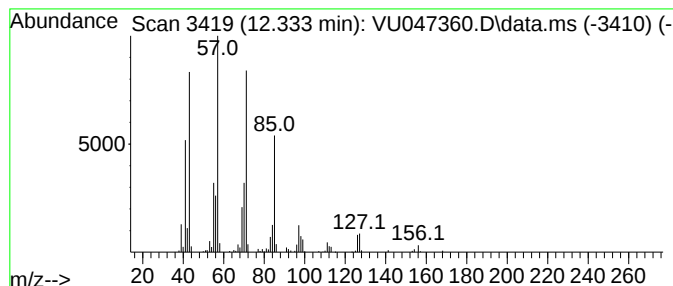
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Carbonic acid, nonyl vinyl ... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.333	2.14 ug/L	276114	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Carbonic acid, nonyl vinyl ester		214	C12H22O3	1000383-25-6	90
2	Nonane, 5-(1-methylpropyl)-		184	C13H28	062185-54-0	86
3	10-Methylnonadecane		282	C20H42	056862-62-5	86
4	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	80
5	Nonadecane		268	C19H40	000629-92-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

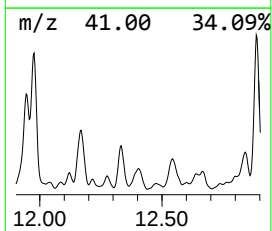
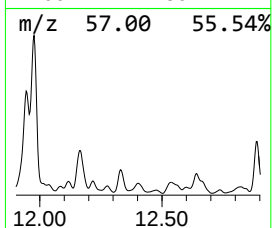
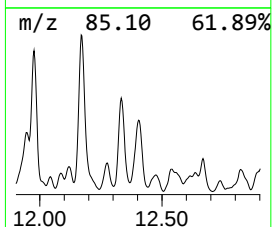
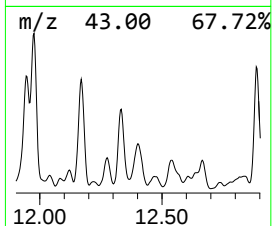
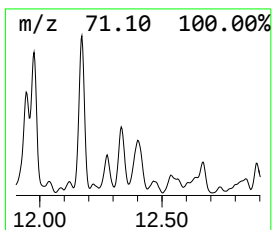
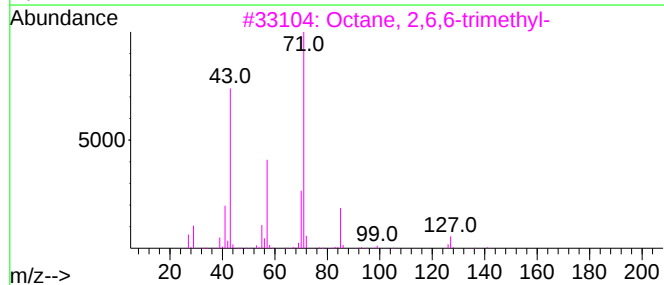
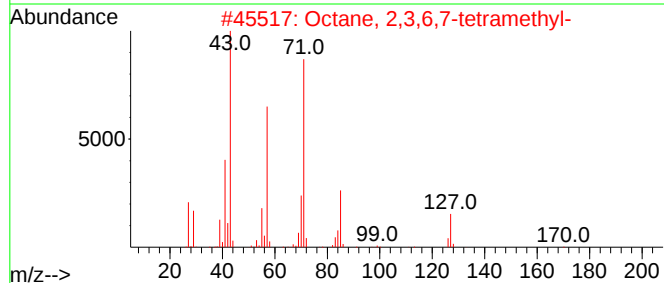
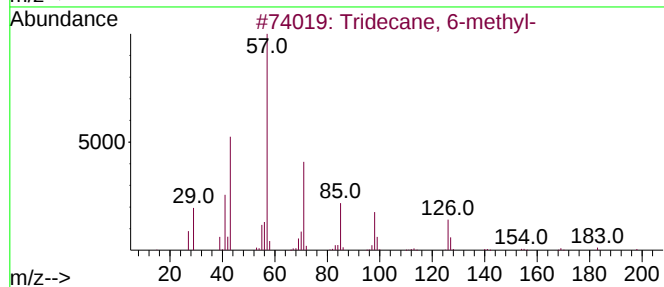
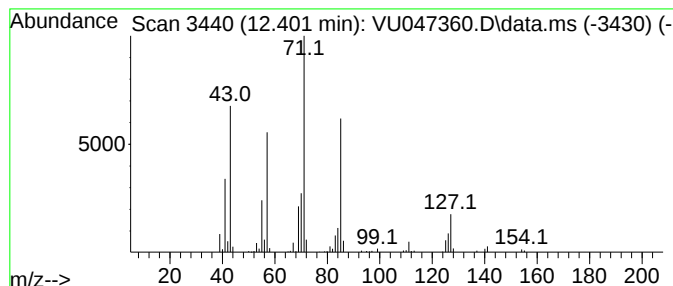
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.401	1.68 ug/L	216290	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
2	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64
3	Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	59
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

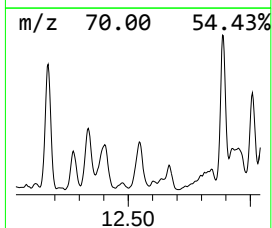
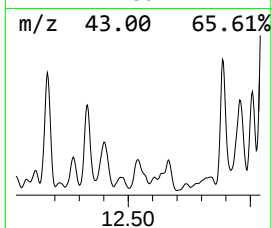
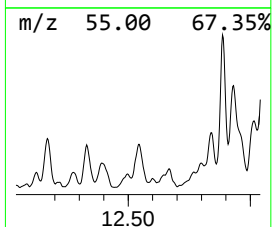
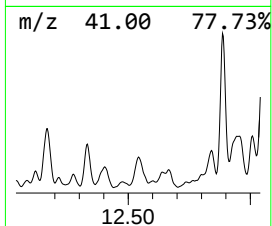
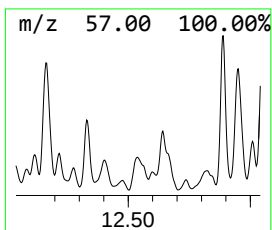
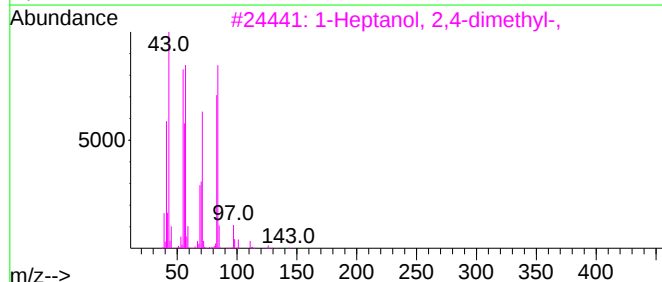
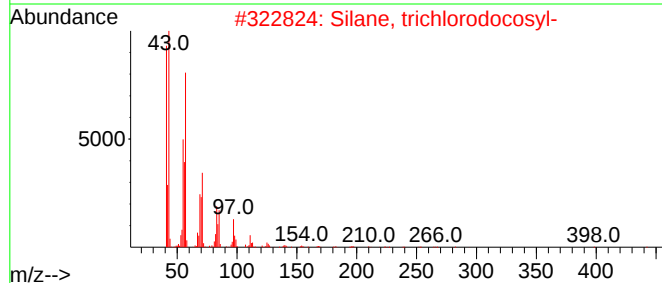
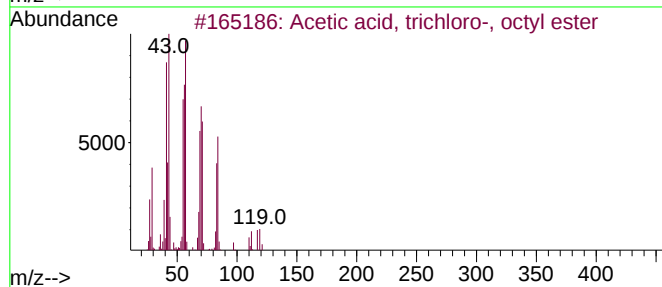
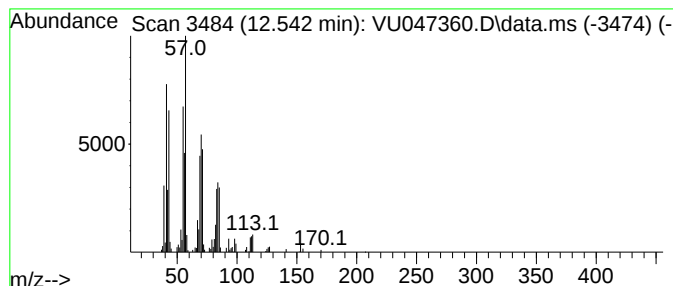
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Acetic acid, trichloro-, oc... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	1.55 ug/L	200102	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, trichloro-, octyl e...	274	C10H17Cl3O2	016958-78-4	80
2			Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	59
3			1-Heptanol, 2,4-dimethyl-,	144	C9H20O	098982-97-9	58
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
5			1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

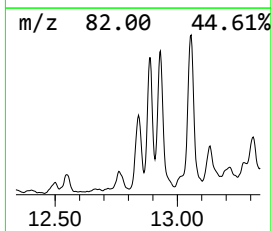
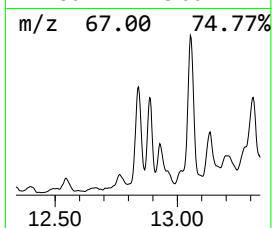
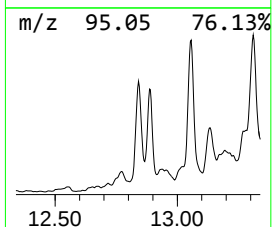
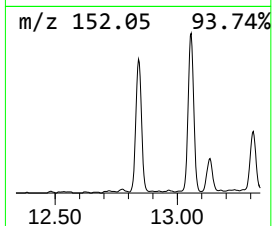
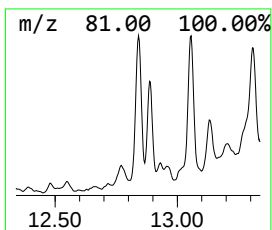
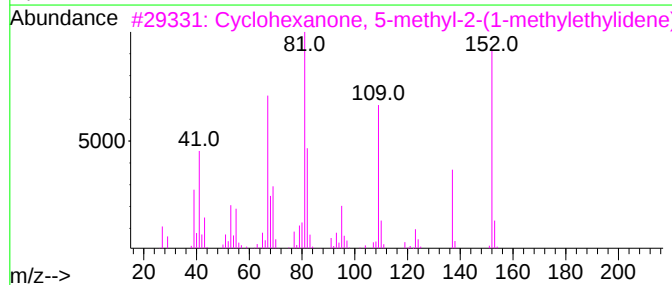
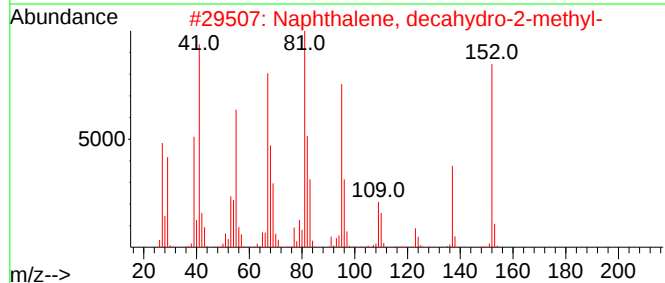
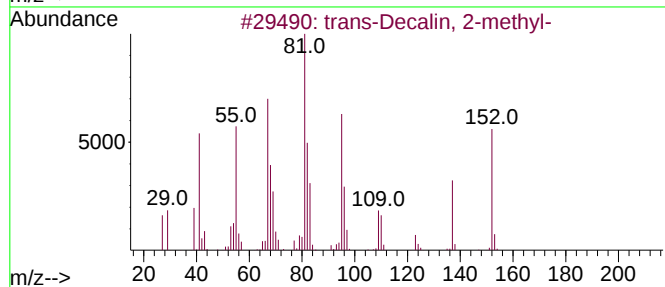
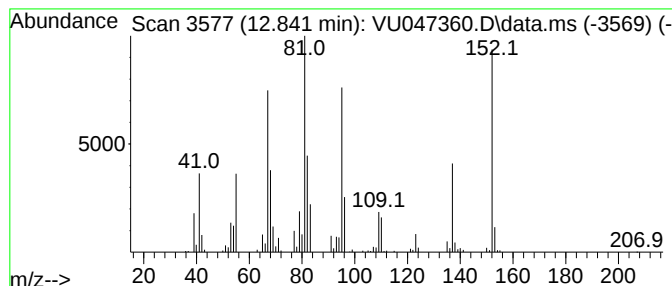
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 trans-Decalin, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.841	1.77 ug/L	228395	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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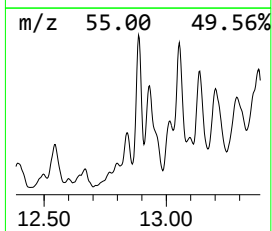
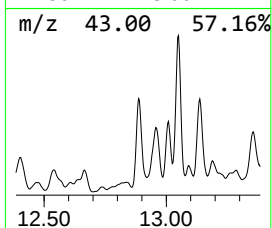
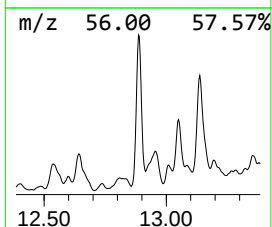
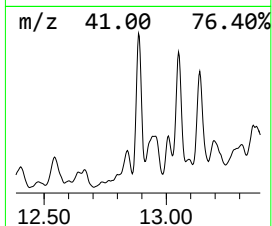
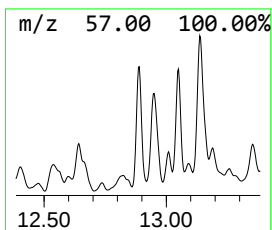
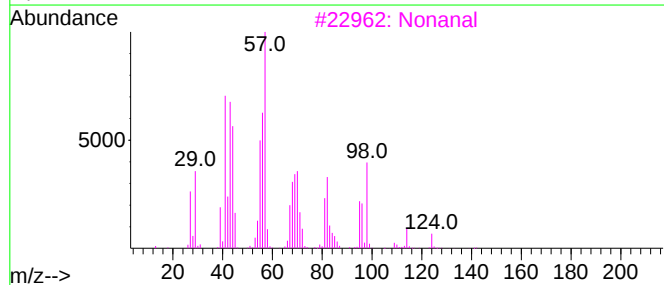
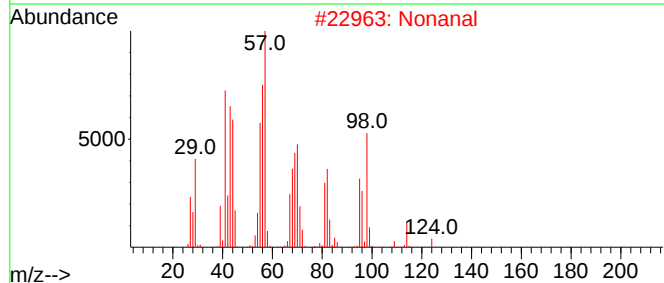
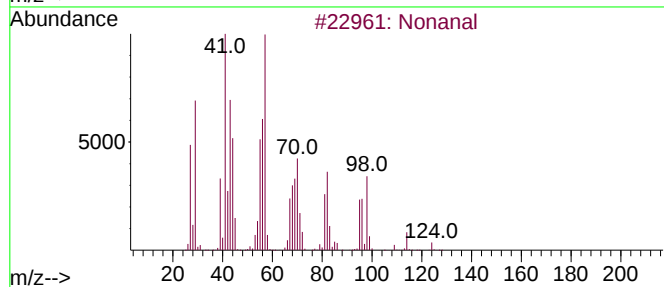
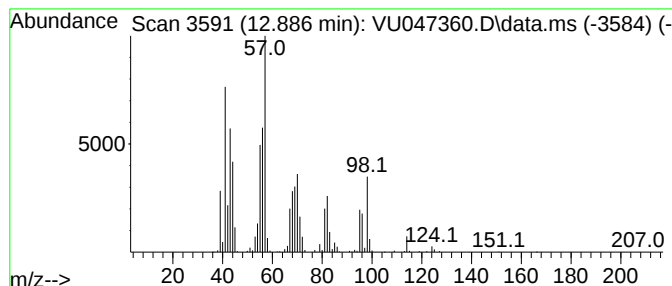
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Nonanal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	4.69 ug/L	603881	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	91
4			Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38
5			Cycloheptane	98	C7H14	000291-64-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

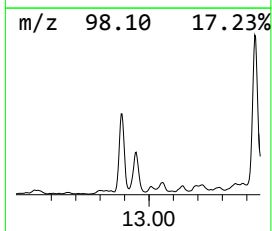
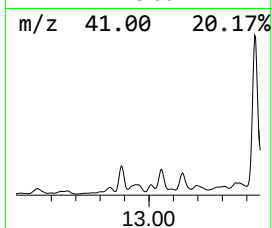
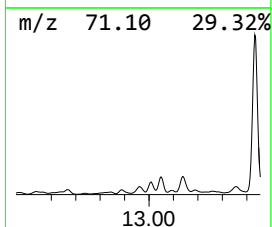
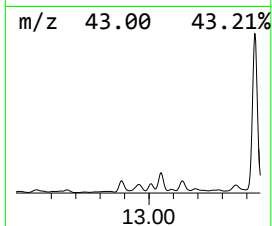
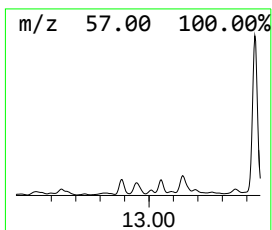
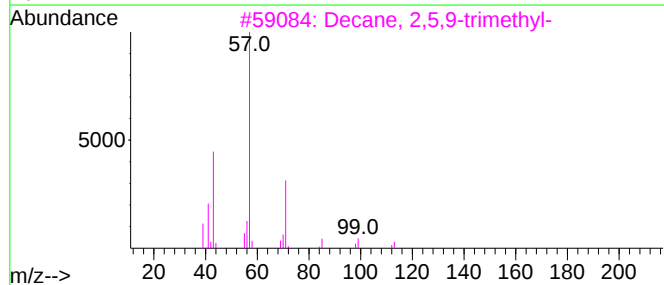
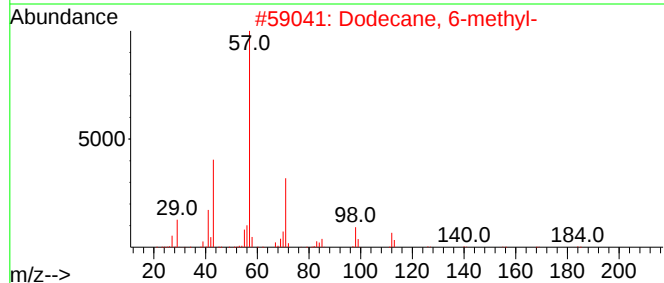
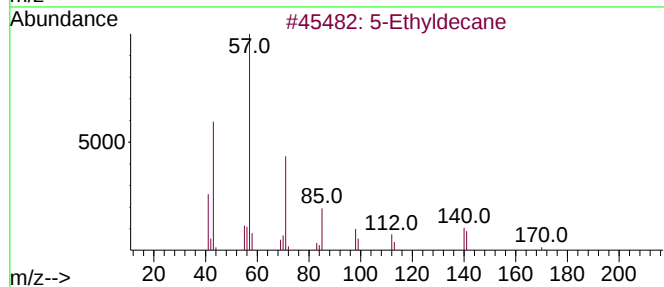
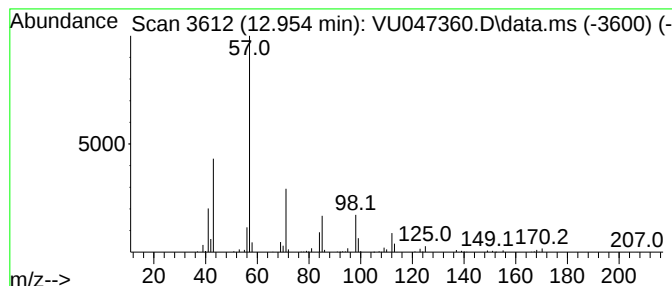
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.954	3.69 ug/L	475027	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Ethyldecane	170	C12H26	017302-36-2	80
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5			Tridecane, 3-methyl-	198	C14H30	006418-41-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

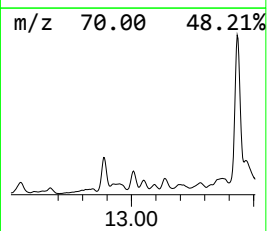
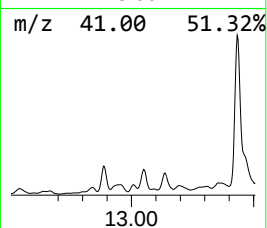
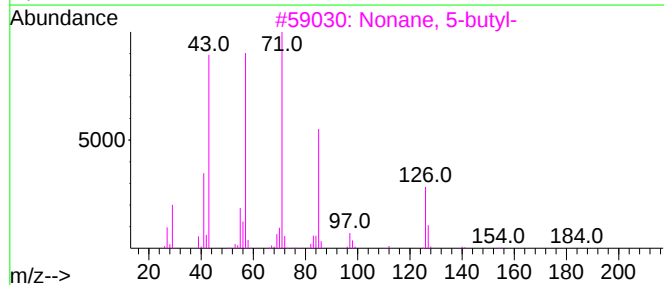
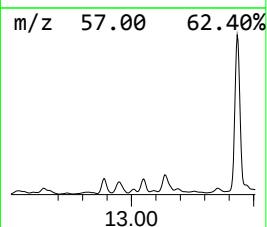
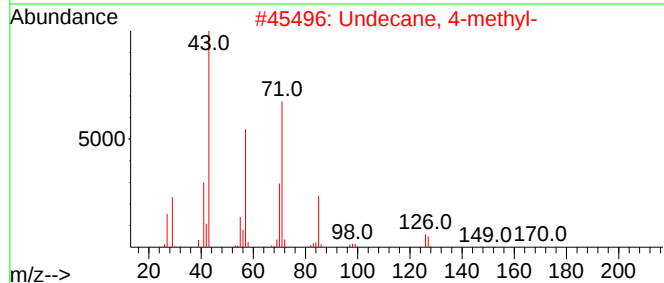
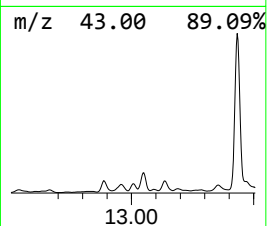
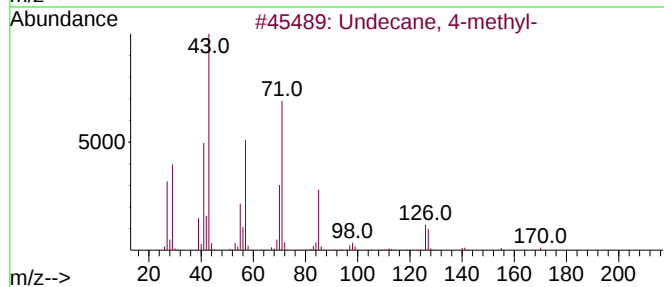
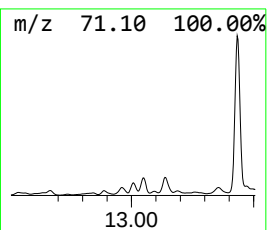
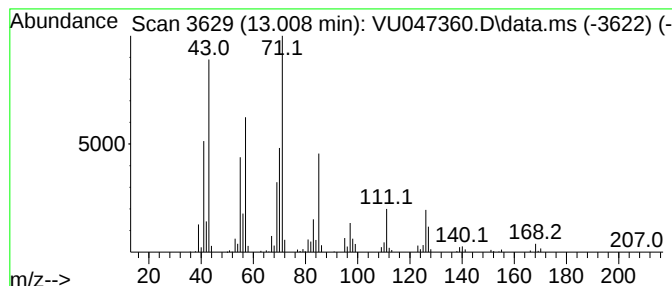
Instrument :
MSVOA_U
ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
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 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.008	1.85 ug/L	238599	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	90
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	81
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	47
5	2-Bromononane	206	C9H19Br	002216-35-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

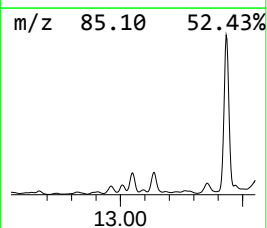
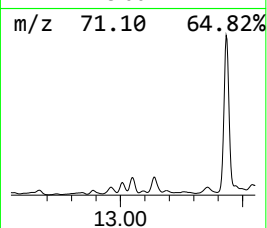
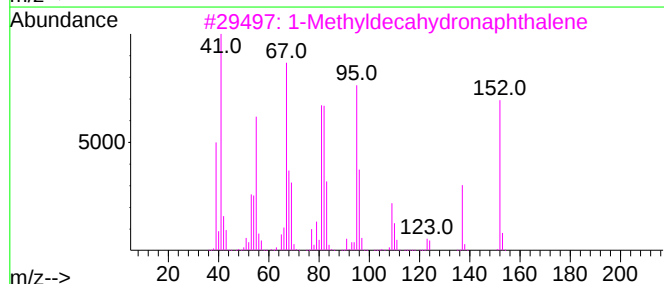
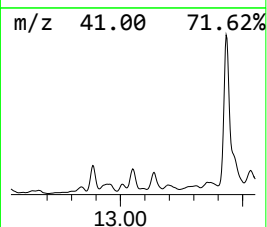
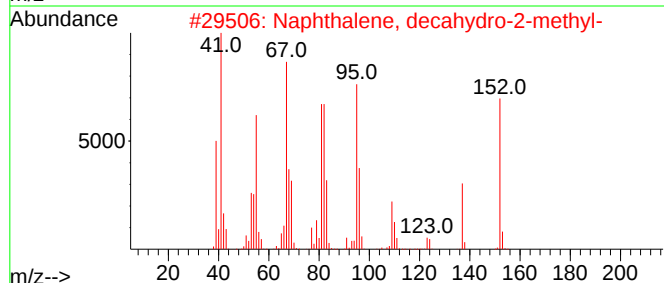
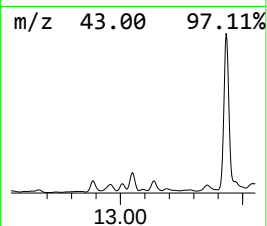
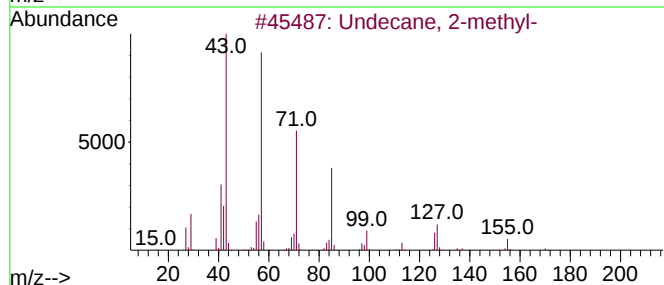
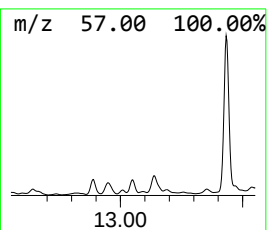
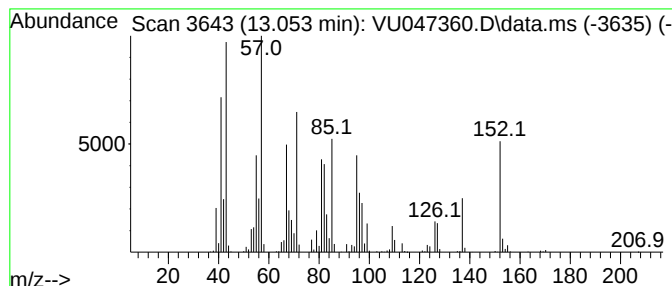
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.053	5.44 ug/L	700264	1,4-Dichlorobenzene-d4			11.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-		170	C12H26	007045-71-8	47
2	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	43
3	1-Methyldecahydronaphthalene		152	C11H20	002958-75-0	43
4	trans-2-Undecen-1-ol		170	C11H22O	075039-84-8	35
5	Undecane, 2-methyl-		170	C12H26	007045-71-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

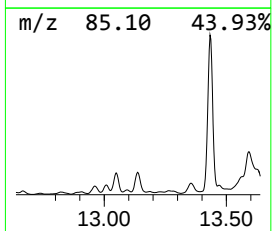
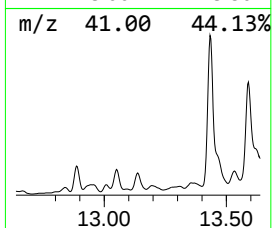
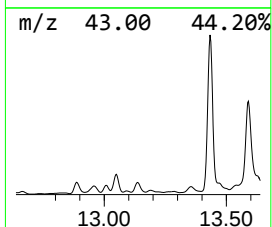
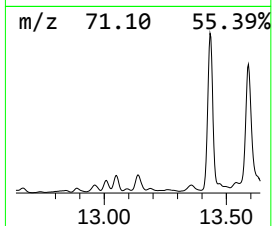
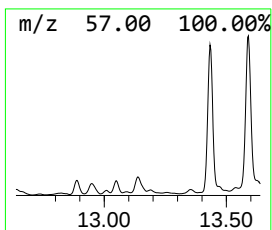
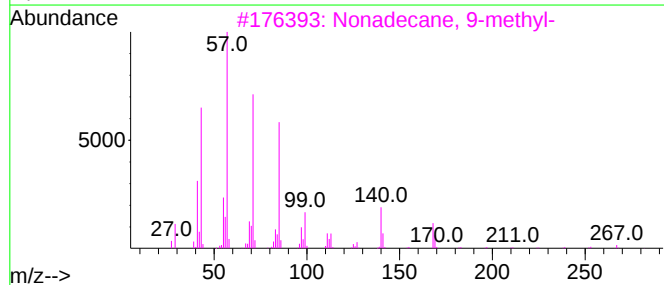
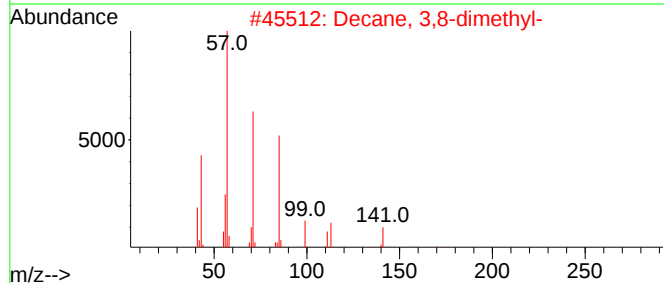
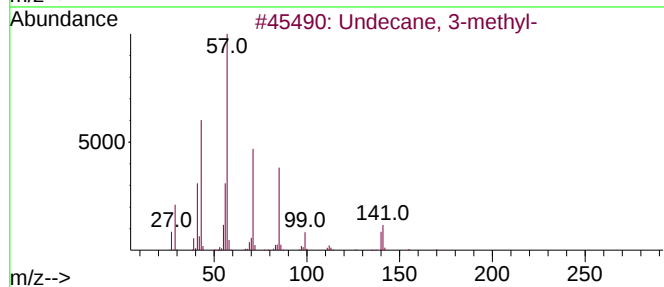
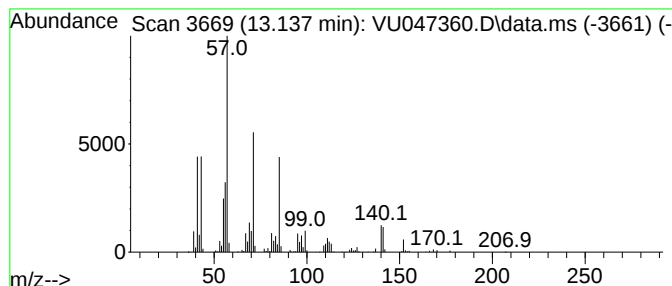
Instrument :
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ClientSampleId :
BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
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 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.137	4.45 ug/L	573287	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

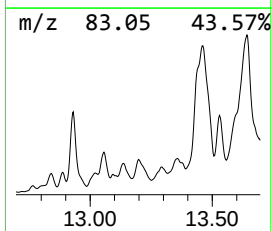
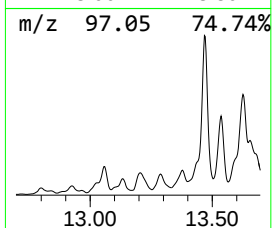
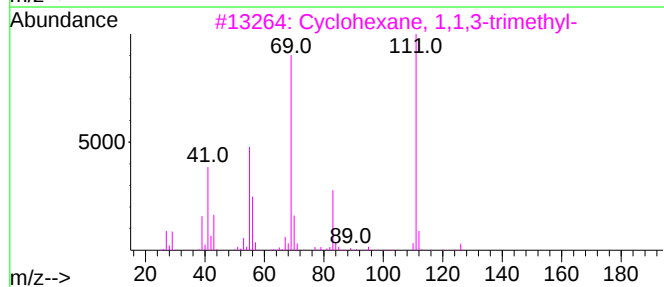
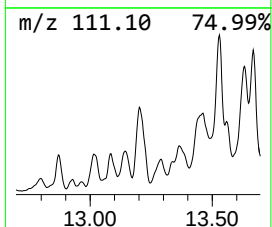
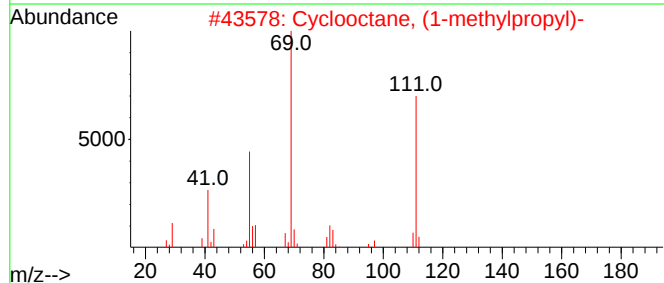
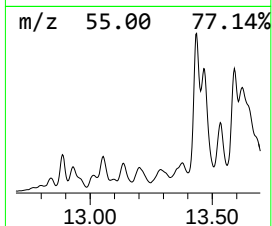
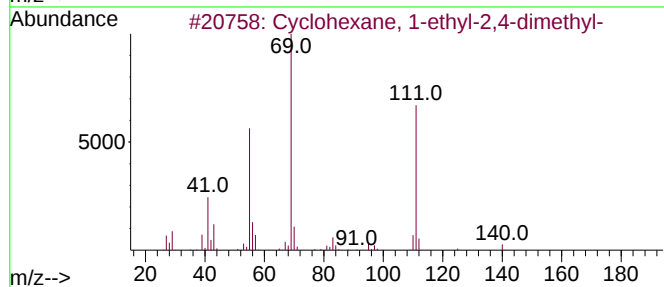
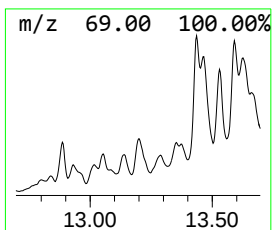
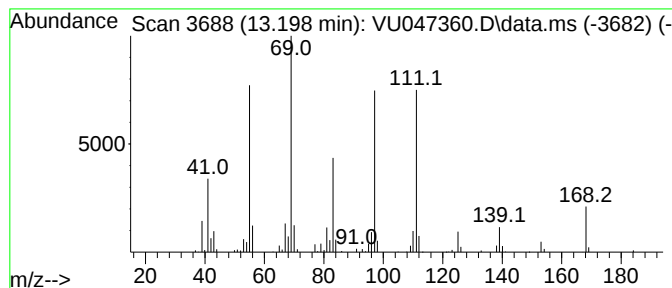
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 (DEL) Alkane: Cyclic13.198 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	1.99 ug/L	256709	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	55
2			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
5			Cyclooctanemethanol	142	C9H18O	003637-63-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

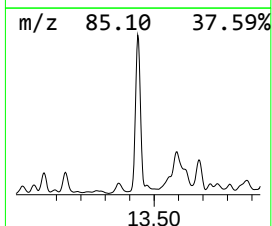
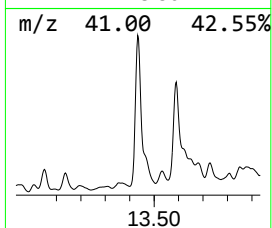
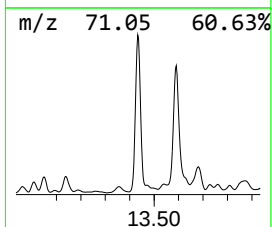
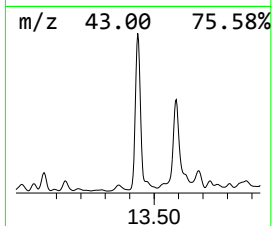
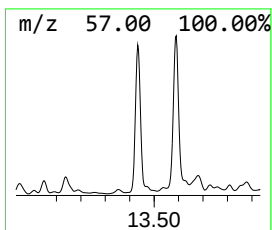
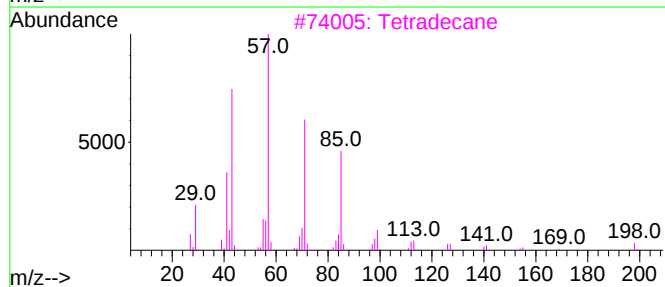
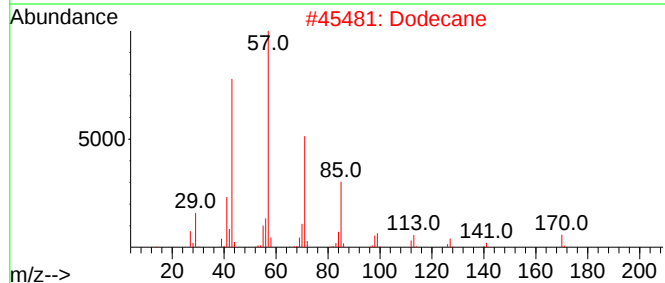
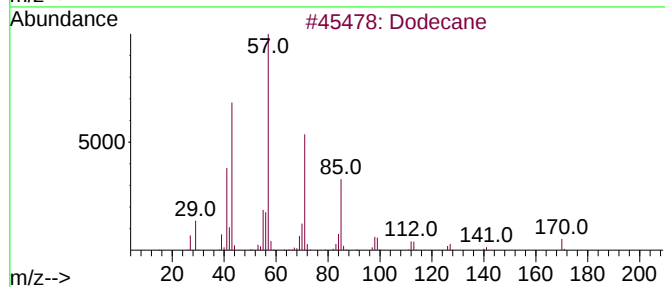
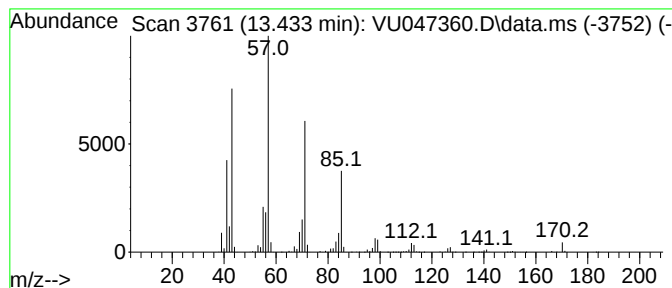
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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.	
13.433	47.20 ug/L	6075840	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	93
2	Dodecane		170	C12H26	000112-40-3	87
3	Tetradecane		198	C14H30	000629-59-4	80
4	Undecane		156	C11H24	001120-21-4	72
5	Tetradecane		198	C14H30	000629-59-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

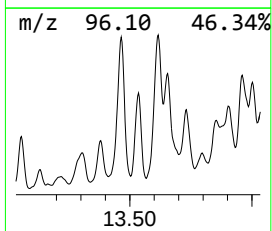
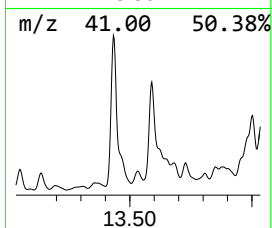
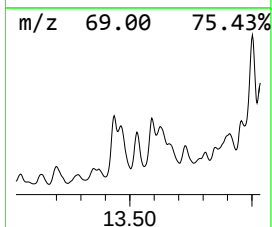
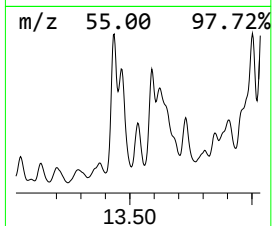
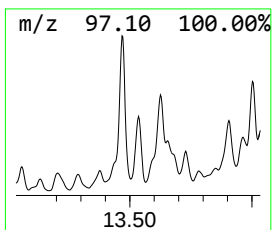
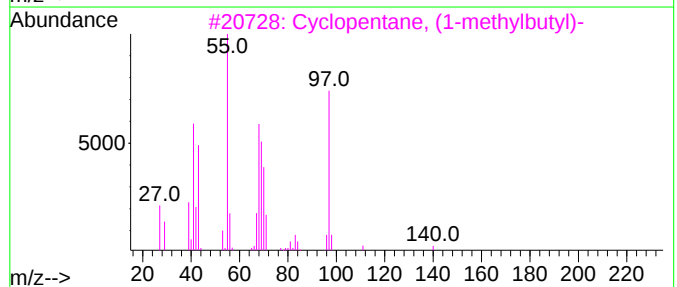
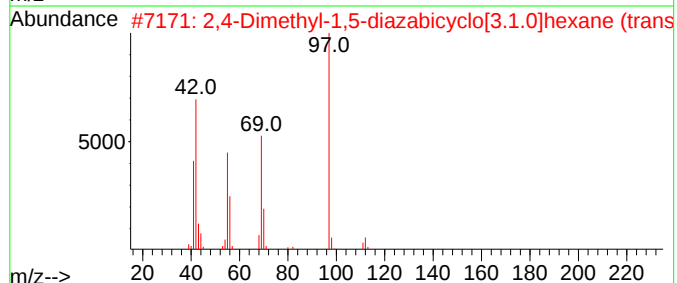
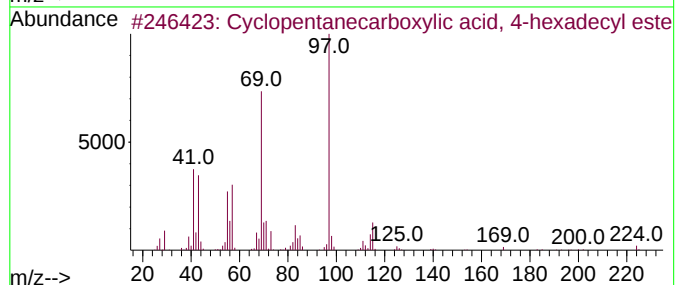
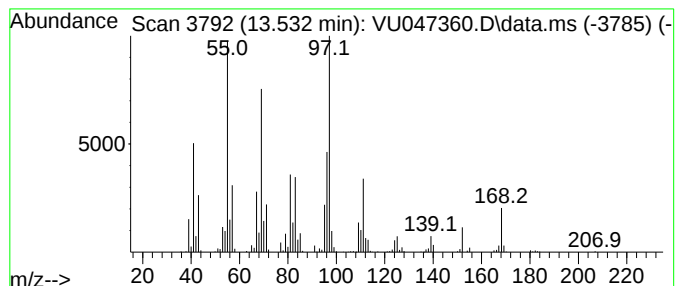
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.533	4.31 ug/L	554679	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	47
2			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	46
3			Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	46
4			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	38
5			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

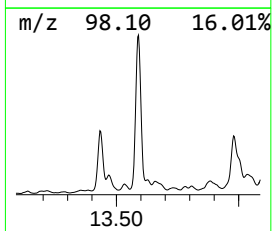
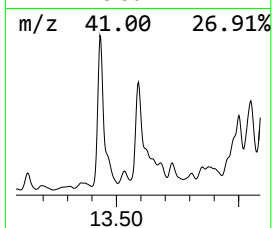
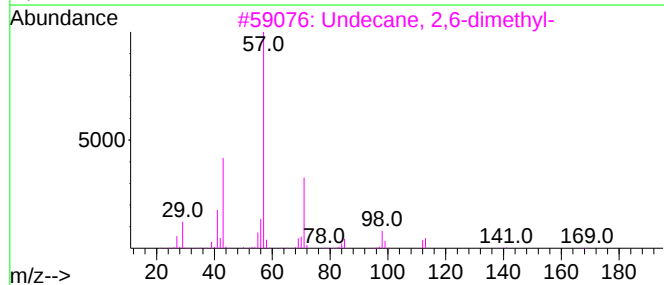
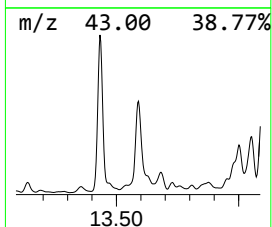
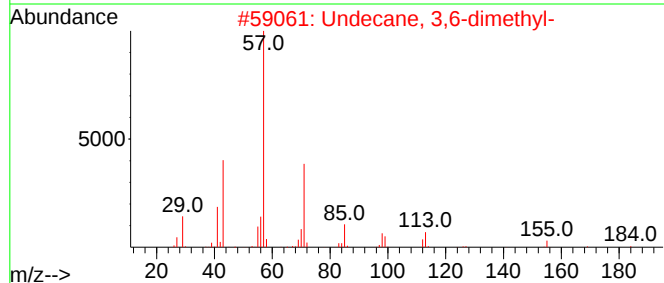
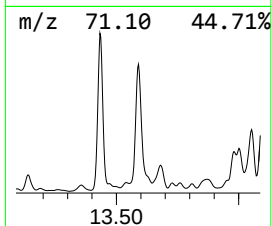
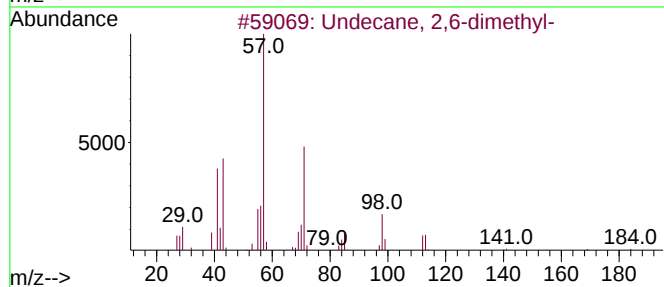
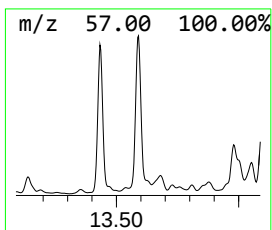
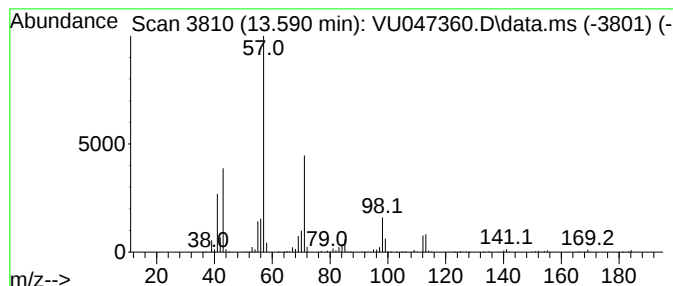
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.590	40.07 ug/L	5158770	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	96
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	93
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4			Octane, 4-ethyl-	142	C10H22	015869-86-0	78
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

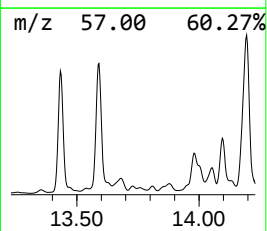
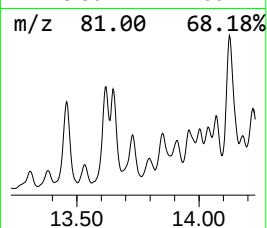
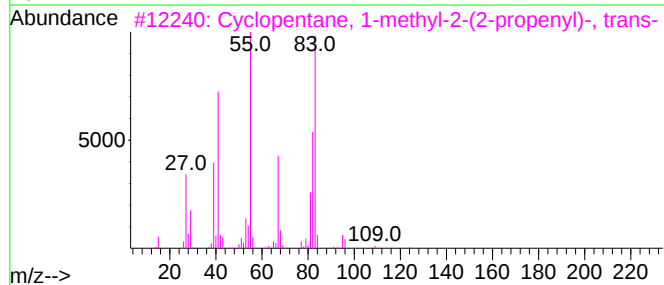
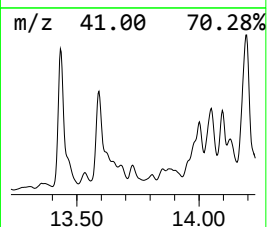
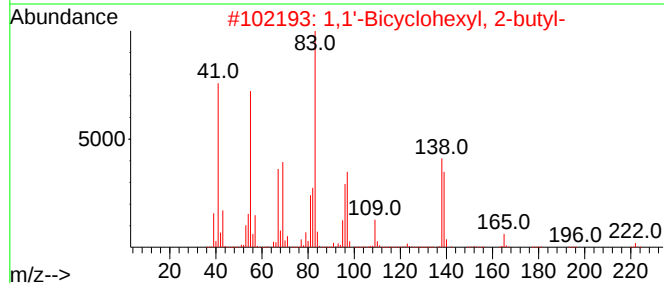
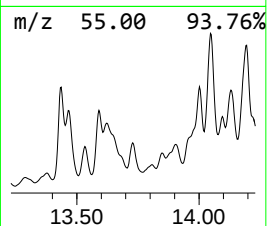
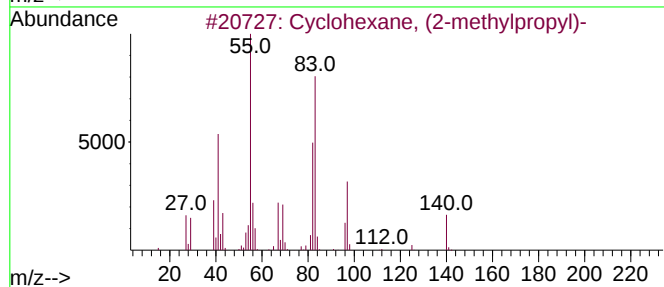
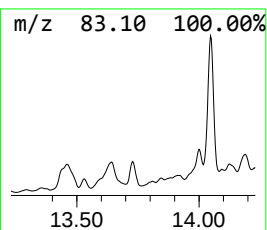
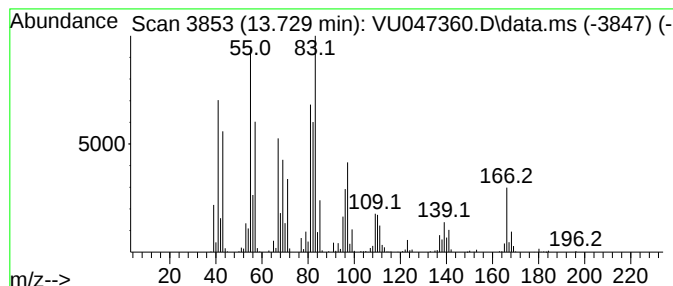
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 (DEL) Alkane: Cyclic13.729 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.729	5.67 ug/L	729885	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2			1,1'-Bicyclohexyl, 2-butyl-	222	C16H30	054889-99-5	50
3			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	46
4			Cyclohexanone, 3-ethyl-3,5,5-tri...	168	C11H20O	167226-01-9	46
5			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

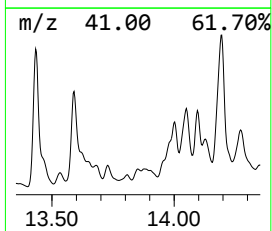
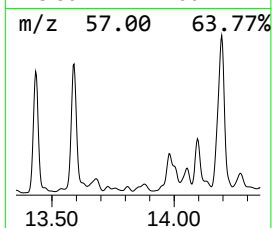
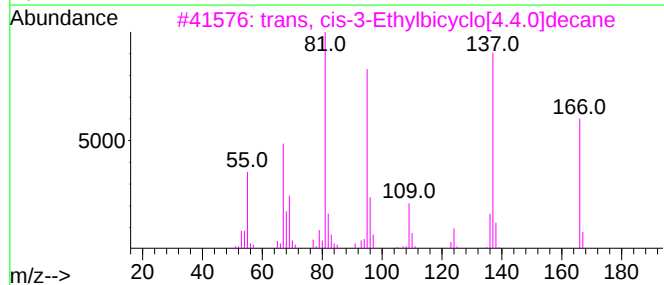
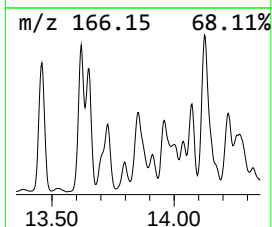
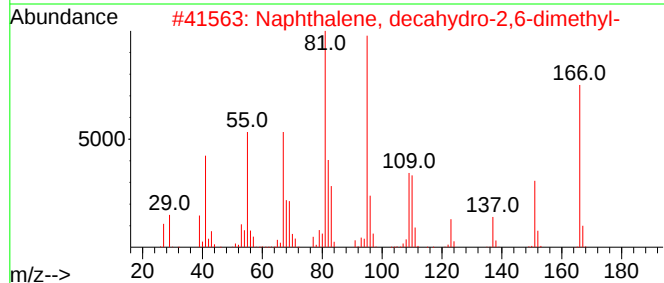
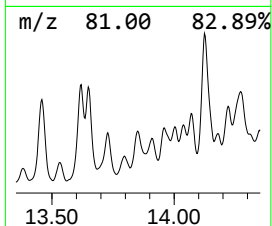
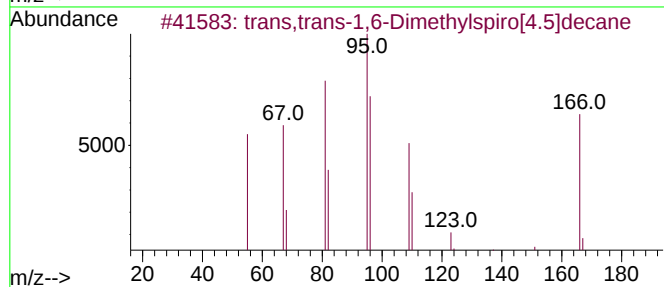
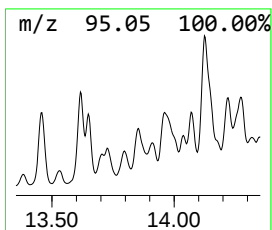
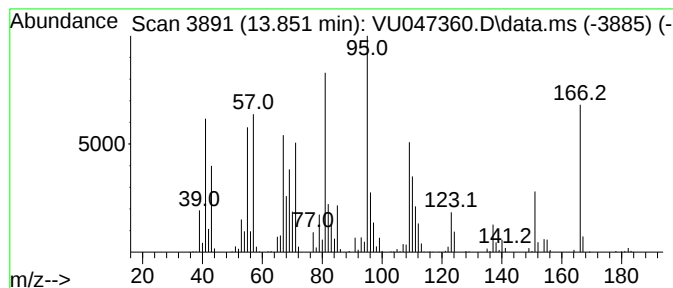
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 trans,trans-1,6-Dimethylspi... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.851	4.34 ug/L	558176	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans,trans-1,6-Dimethylspiro[4.5]undec-2-en-2-yl		166	C12H22	1000111-72-1	62
2	Naphthalene, decahydro-2,6-dimethyl-		166	C12H22	001618-22-0	62
3	trans, cis-3-Ethylbicyclo[4.4.0]dec-2-ene		166	C12H22	066660-43-3	60
4	cis,trans-1,6-Dimethylspiro[4.5]undec-2-en-2-yl		166	C12H22	1000111-72-3	58
5	2-(1-Hydroxycyclohexyl)-furan		166	C10H14O2	036169-67-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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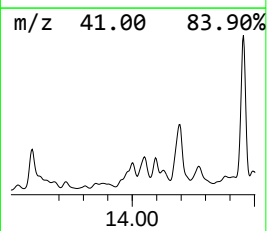
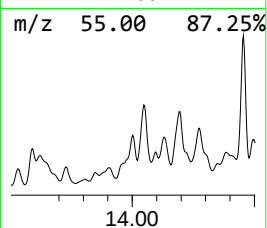
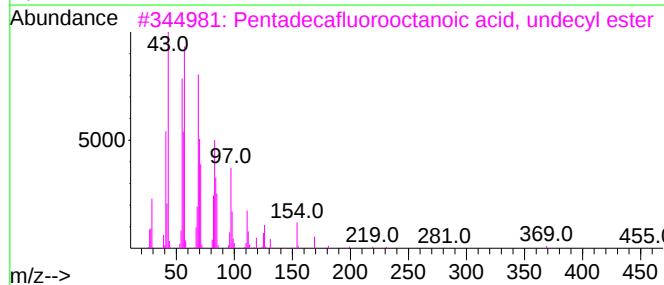
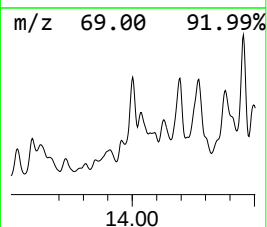
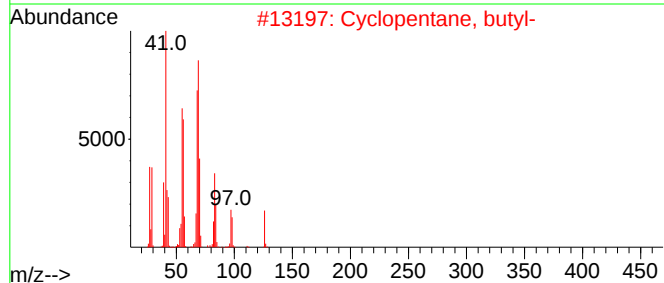
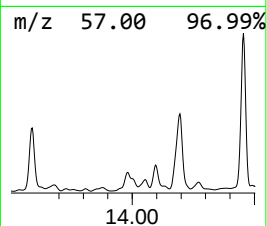
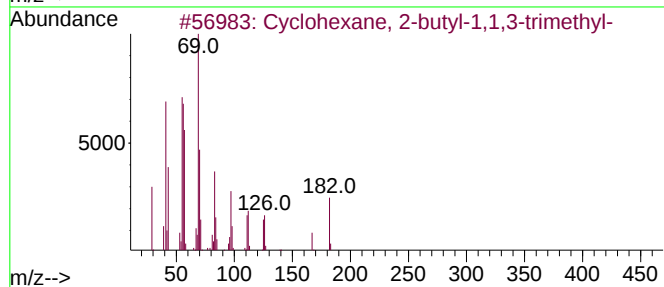
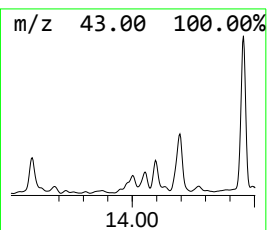
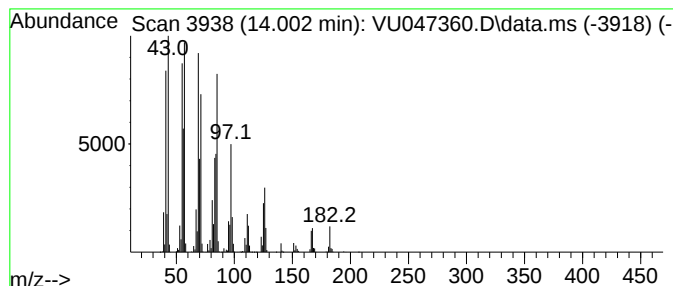
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 (DEL) Alkane: Cyclic14.002 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.002	30.69 ug/L	3950570	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	83
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	53
3			Pentadecafluorooctanoic acid, un...	568	C19H23F15O2	1010406-04-1	52
4			6-Tridecene, (E)-	182	C13H26	006434-76-0	50
5			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

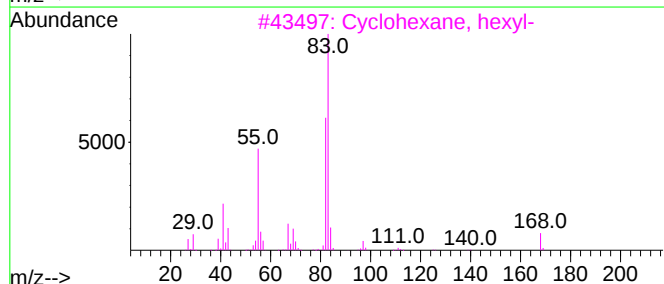
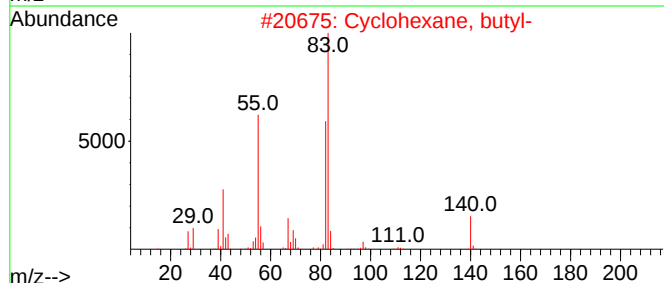
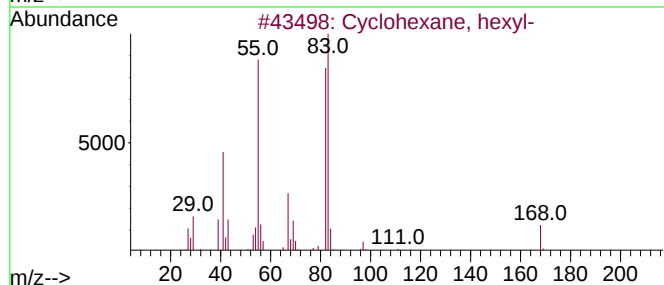
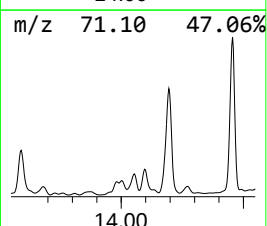
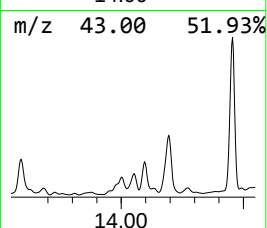
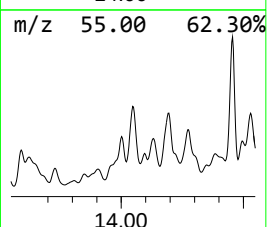
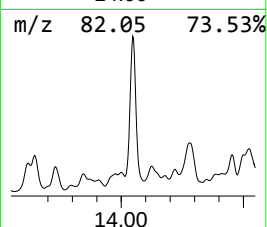
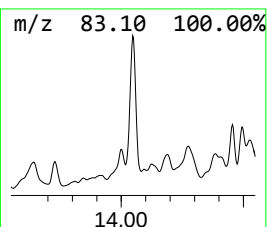
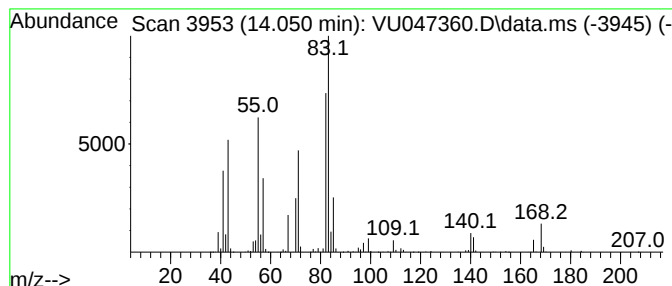
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 (DEL) Alkane: Cyclic14.050 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.050	16.71 ug/L	2150690	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

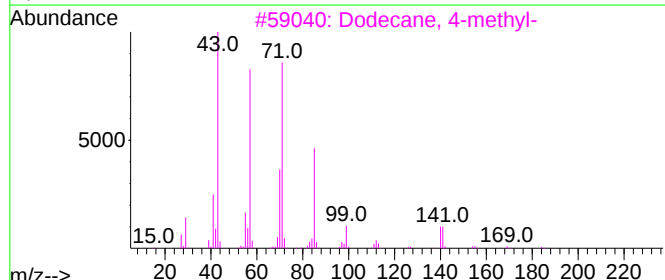
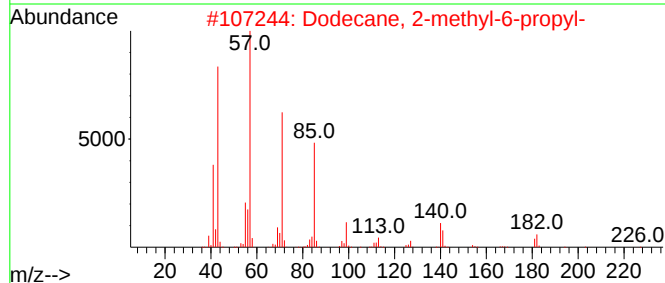
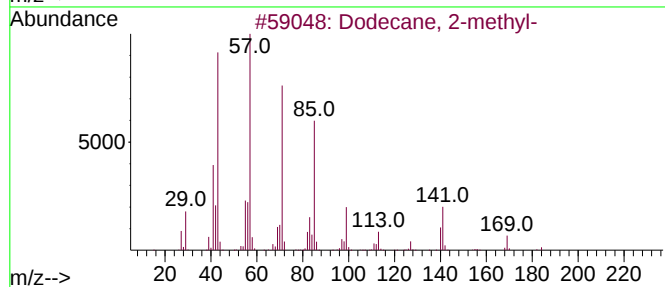
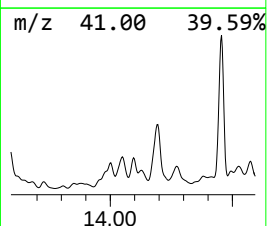
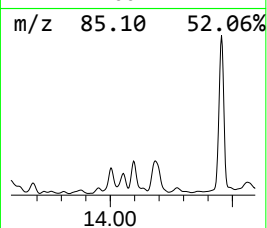
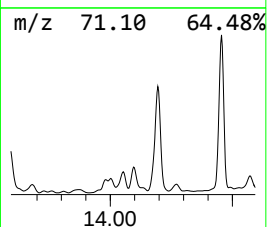
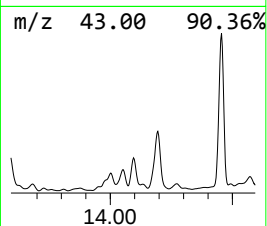
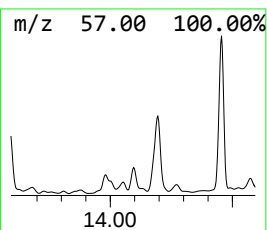
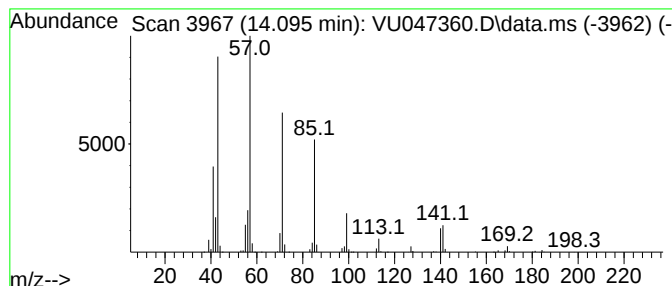
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	6.95 ug/L	894583	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
4			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

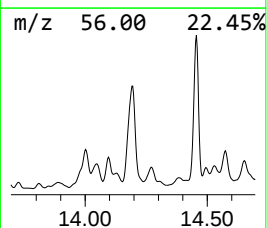
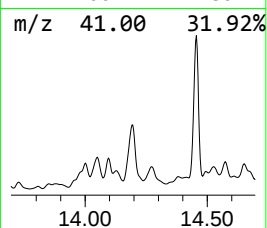
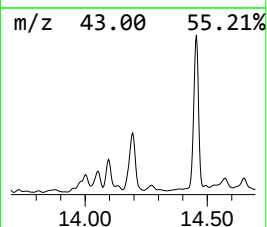
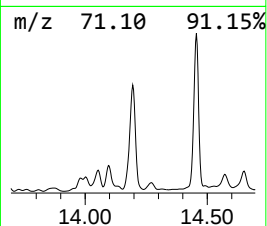
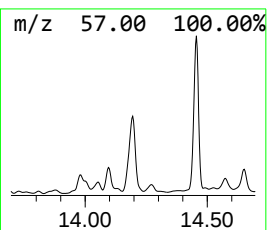
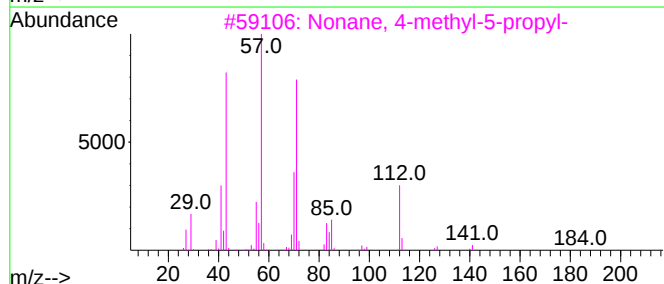
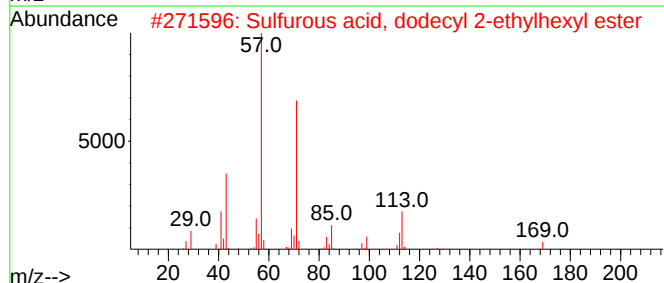
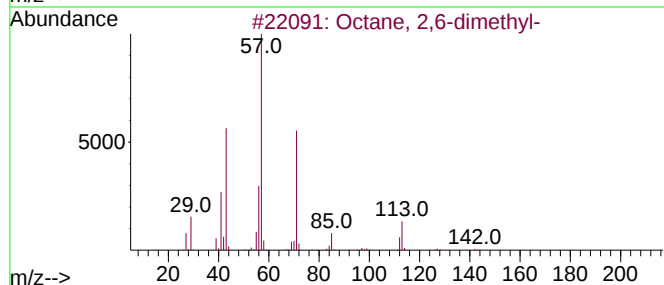
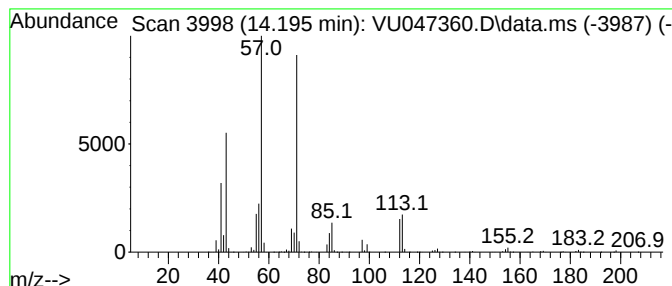
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.195	46.57 ug/L	5995590	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	80
3			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4			Decane, 5-propyl-	184	C13H28	017312-62-8	64
5			2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

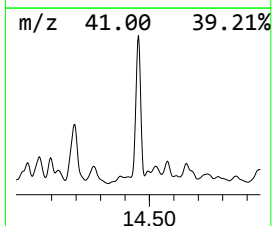
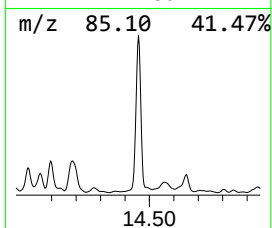
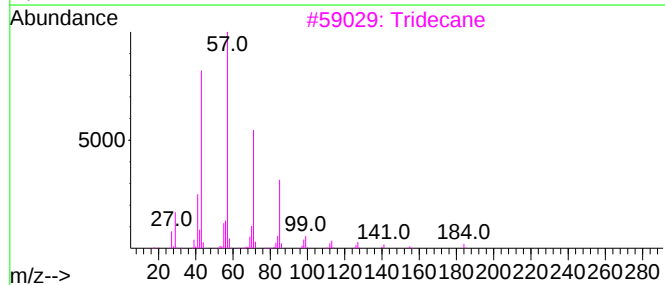
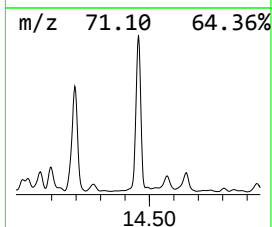
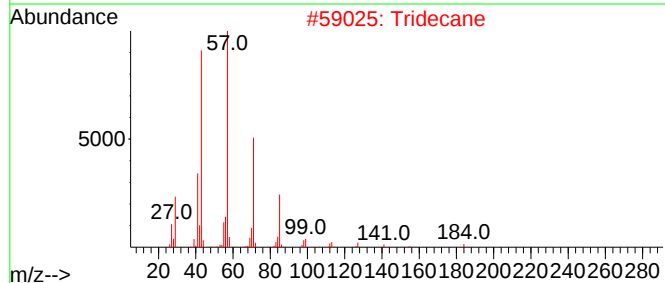
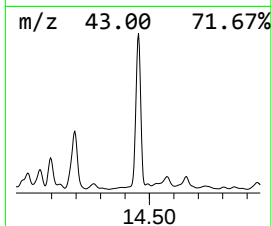
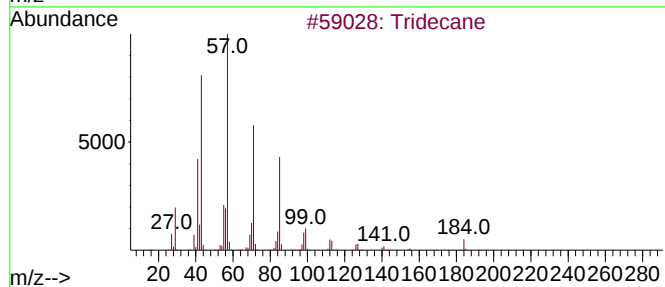
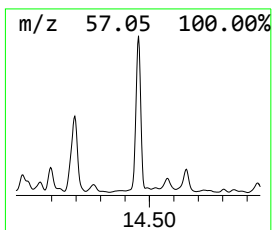
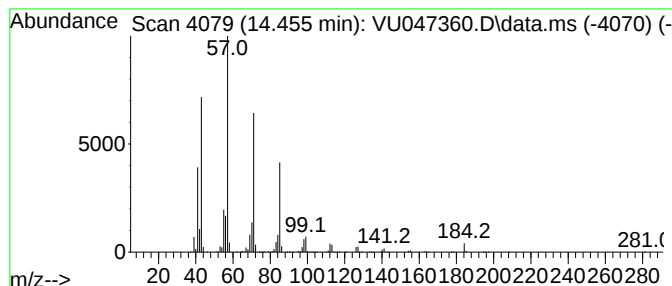
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.455	73.56 ug/L	9470070	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	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5		Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

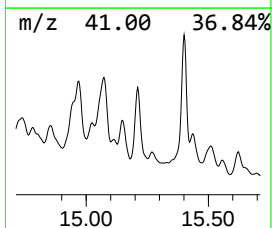
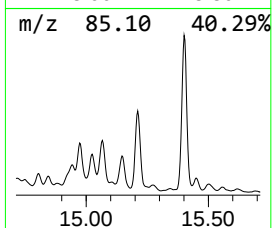
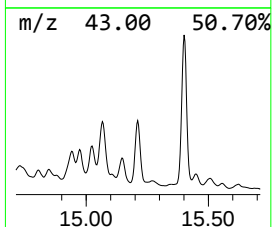
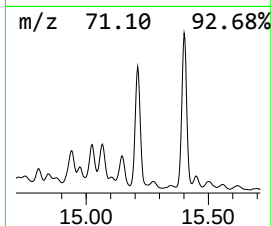
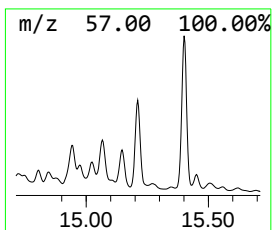
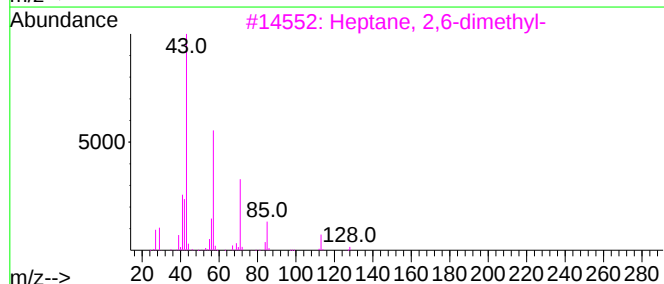
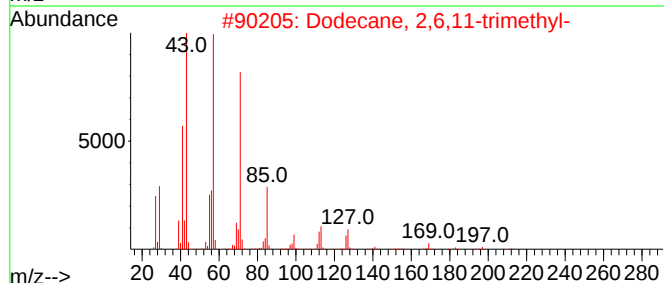
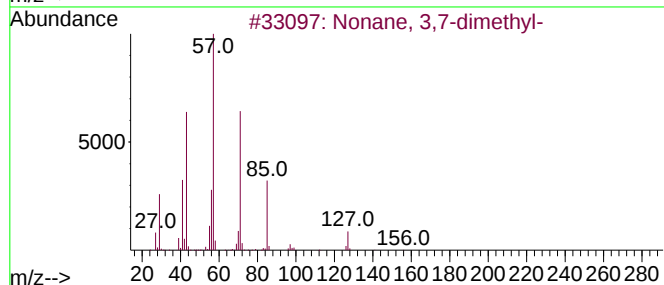
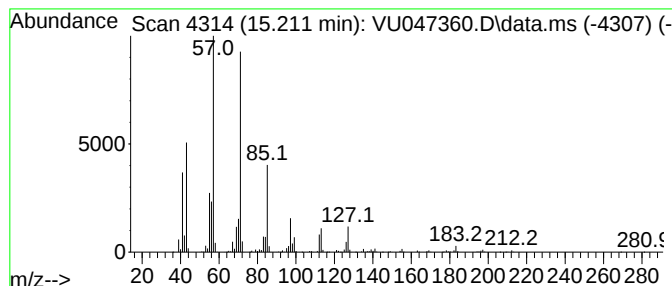
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	14.93 ug/L	1922480	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

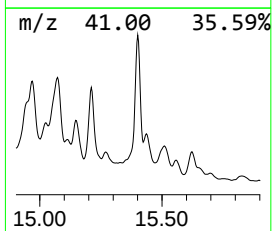
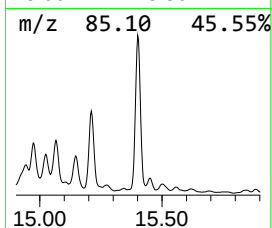
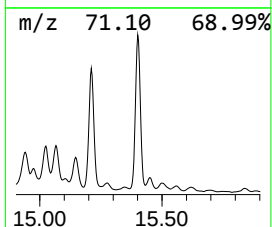
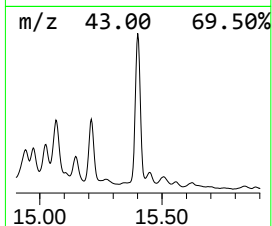
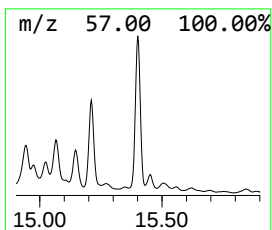
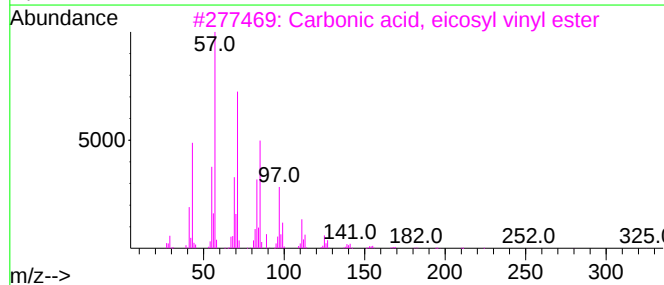
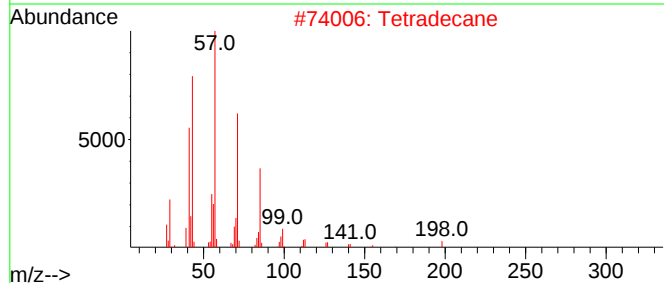
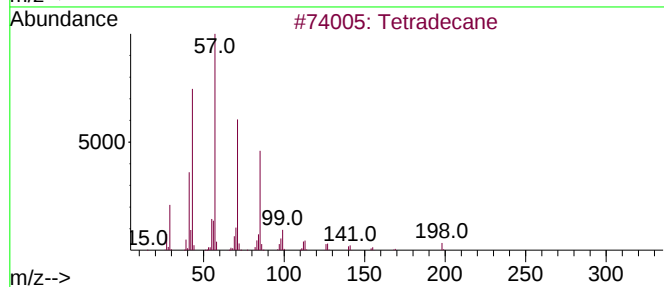
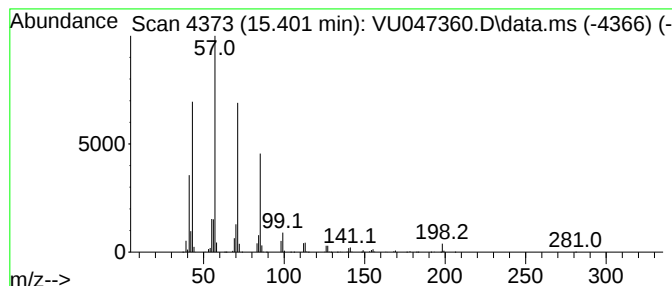
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	14.67 ug/L	1888120	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	93
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

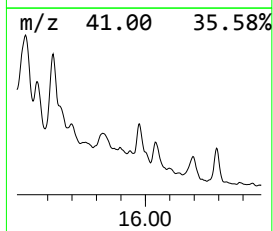
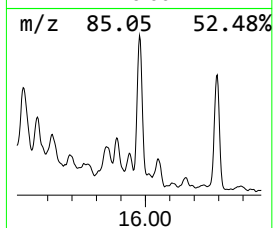
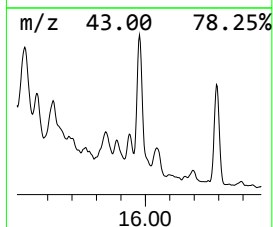
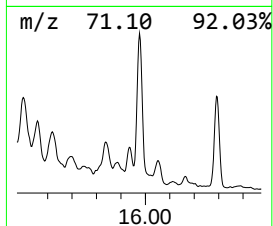
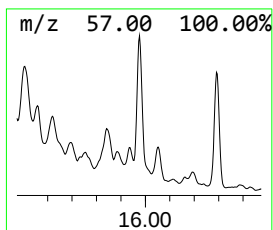
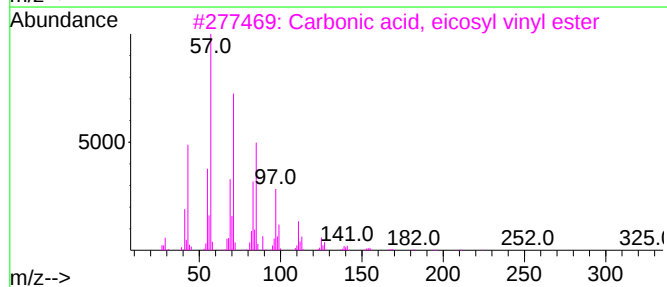
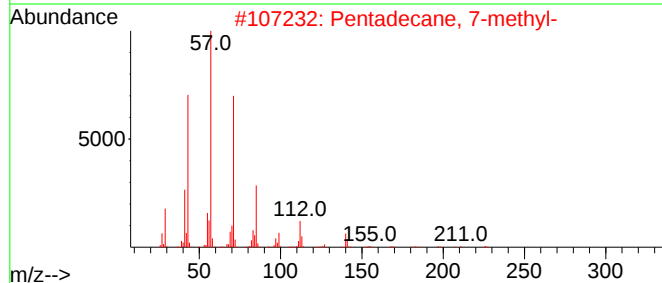
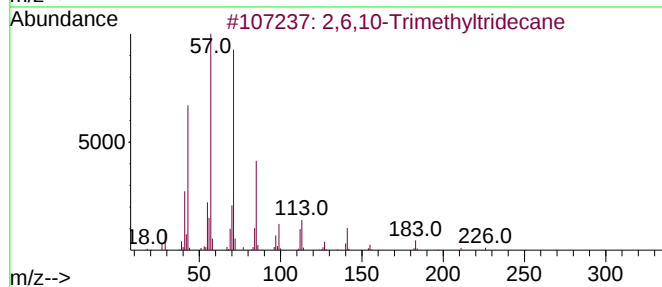
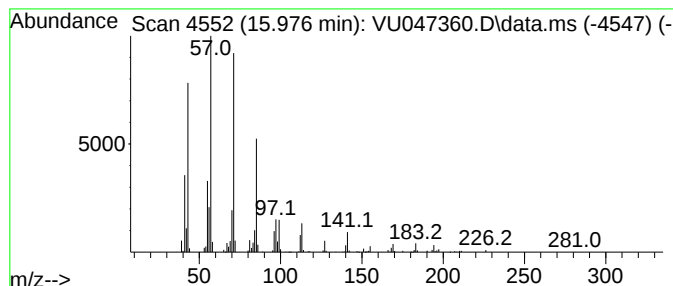
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.976	3.05 ug/L	393080	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	91
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047360.D
Acq On : 07 Mar 2022 12:22
Operator : SY/MD
Sample : N1773-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18

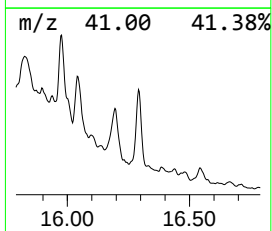
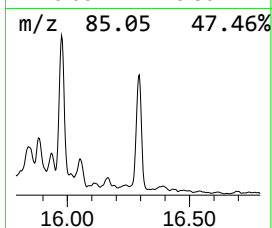
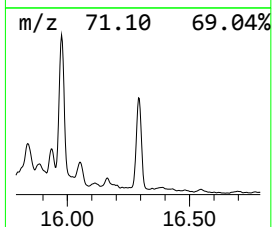
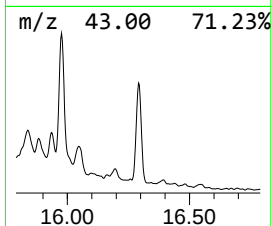
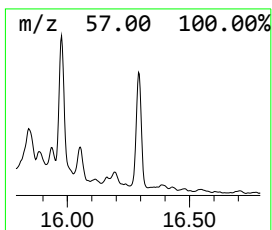
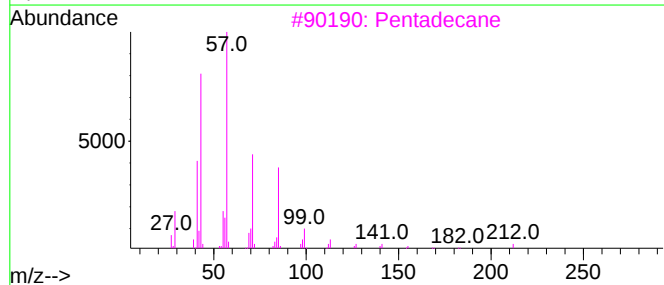
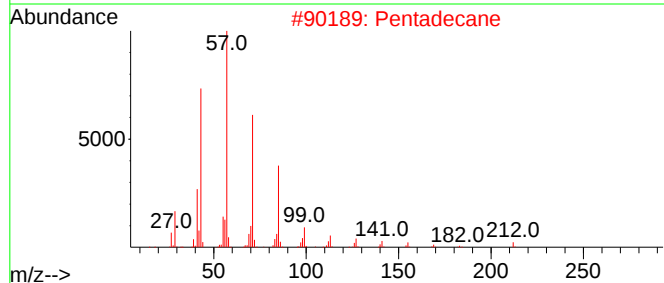
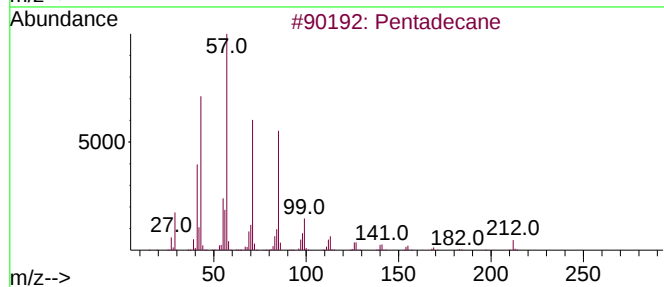
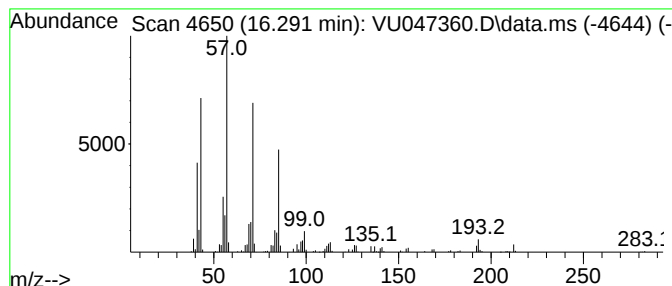
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	2.55 ug/L	327959	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	93
3			Pentadecane	212	C15H32	000629-62-9	92
4			Nonadecane	268	C19H40	000629-92-5	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047360.D
 Acq On : 07 Mar 2022 12:22
 Operator : SY/MD
 Sample : N1773-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.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...	1.375	8.0	ug/L	638903	1	6.292	398916	5.0
Hexanal	8.803	8.0	ug/L	786563	2	9.430	490292	5.0
Heptanal	10.349	2.2	ug/L	214255	2	9.430	490292	5.0
(DEL) Alkane: S...	10.677	2.1	ug/L	270835	3	11.816	643695	5.0
(DEL) Alkane: S...	11.124	0.9	ug/L	122784	3	11.816	643695	5.0
2-Heptenal, (E)-	11.301	0.9	ug/L	112043	3	11.816	643695	5.0
(DEL) Alkane: S...	11.388	0.8	ug/L	109131	3	11.816	643695	5.0
(DEL) Alkane: S...	11.581	2.3	ug/L	295205	3	11.816	643695	5.0
(DEL) Alkane: S...	11.697	11.3	ug/L	1455380	3	11.816	643695	5.0
(DEL) Alkane: S...	11.870	1.5	ug/L	189980	3	11.816	643695	5.0
(DEL) Alkane: S...	11.944	4.8	ug/L	616693	3	11.816	643695	5.0
(DEL) Alkane: S...	11.976	5.9	ug/L	754345	3	11.816	643695	5.0
Carbonic acid, ...	12.333	2.1	ug/L	276114	3	11.816	643695	5.0
(DEL) Alkane: S...	12.401	1.7	ug/L	216290	3	11.816	643695	5.0
Acetic acid, tr...	12.542	1.6	ug/L	200102	3	11.816	643695	5.0
trans-Decalin, ...	12.841	1.8	ug/L	228395	3	11.816	643695	5.0
Nonanal	12.886	4.7	ug/L	603881	3	11.816	643695	5.0
(DEL) Alkane: S...	12.954	3.7	ug/L	475027	3	11.816	643695	5.0
(DEL) Alkane: S...	13.008	1.9	ug/L	238599	3	11.816	643695	5.0
(DEL) Alkane: S...	13.053	5.4	ug/L	700264	3	11.816	643695	5.0
(DEL) Alkane: S...	13.137	4.5	ug/L	573287	3	11.816	643695	5.0
(DEL) Alkane: C...	13.198	2.0	ug/L	256709	3	11.816	643695	5.0
(DEL) Alkane: S...	13.433	47.2	ug/L	6075840	3	11.816	643695	5.0
unknown-01	13.533	4.3	ug/L	554679	3	11.816	643695	5.0
(DEL) Alkane: S...	13.590	40.1	ug/L	5158770	3	11.816	643695	5.0
(DEL) Alkane: C...	13.729	5.7	ug/L	729885	3	11.816	643695	5.0
trans,trans-1,6...	13.851	4.3	ug/L	558176	3	11.816	643695	5.0
(DEL) Alkane: C...	14.002	30.7	ug/L	3950570	3	11.816	643695	5.0
(DEL) Alkane: C...	14.050	16.7	ug/L	2150690	3	11.816	643695	5.0
(DEL) Alkane: S...	14.095	7.0	ug/L	894583	3	11.816	643695	5.0
(DEL) Alkane: S...	14.195	46.6	ug/L	5995590	3	11.816	643695	5.0
(DEL) Alkane: S...	14.455	73.6	ug/L	9470070	3	11.816	643695	5.0
(DEL) Alkane: S...	15.211	14.9	ug/L	1922480	3	11.816	643695	5.0
(DEL) Alkane: S...	15.401	14.7	ug/L	1888120	3	11.816	643695	5.0
(DEL) Alkane: S...	15.976	3.0	ug/L	393080	3	11.816	643695	5.0
(DEL) Alkane: S...	16.291	2.5	ug/L	327959	3	11.816	643695	5.0