

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047384.D
 Acq On : 08 Mar 2022 12:18
 Operator : SY/MD
 Sample : N1773-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18DL

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: VU047384.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.362	3	7	21	rVB	51279	53391	5.71%	0.453%
2	1.600	71	81	97	rBV3	63745	93959	10.05%	0.797%
3	1.919	171	180	199	rBV	51486	81707	8.74%	0.693%
4	2.571	369	383	399	rVB4	149781	290889	31.10%	2.467%
5	3.047	520	531	551	rVB2	7093	14582	1.56%	0.124%
6	3.874	775	788	801	rVB2	4846	10446	1.12%	0.089%
7	4.665	1008	1034	1088	rBV2	146885	565358	60.45%	4.794%
8	5.066	1142	1159	1189	rBV	112634	249459	26.67%	2.115%
9	5.317	1221	1237	1254	rBV2	14414	32876	3.52%	0.279%
10	5.726	1341	1364	1389	rBV2	216747	572419	61.21%	4.854%
11	6.250	1512	1527	1557	rBV	215746	412208	44.08%	3.496%
12	6.542	1604	1618	1635	rBV	213417	398668	42.63%	3.381%
13	6.693	1651	1665	1685	rBV	142255	278085	29.74%	2.358%
14	7.568	1922	1937	1957	rBV	74147	132473	14.17%	1.123%
15	7.899	2024	2040	2058	rBV	253135	441016	47.16%	3.740%
16	8.179	2113	2127	2145	rBV	48384	85656	9.16%	0.726%
17	8.555	2229	2244	2258	rBV	271499	460328	49.22%	3.904%
18	8.648	2258	2273	2306	rVV	435372	886673	94.81%	7.519%
19	8.793	2307	2318	2337	rVB	36735	76393	8.17%	0.648%
20	9.420	2500	2513	2537	rBV	310975	522112	55.83%	4.428%
21	10.349	2793	2802	2817	rVB4	9842	16812	1.80%	0.143%
22	10.761	2917	2930	2946	rBV	149802	240550	25.72%	2.040%
23	10.893	2958	2971	2984	rVB	10152	18763	2.01%	0.159%
24	11.455	3137	3146	3162	rVB	15898	27743	2.97%	0.235%
25	11.581	3176	3185	3197	rVB	6718	10526	1.13%	0.089%
26	11.693	3208	3220	3231	rBV3	39619	65531	7.01%	0.556%
27	11.812	3245	3257	3270	rBV	376732	587759	62.85%	4.984%
28	11.941	3283	3297	3301	rBV3	13073	20574	2.20%	0.174%
29	11.973	3302	3307	3318	rVB2	19258	27138	2.90%	0.230%
30	12.195	3358	3376	3389	rVB	319279	516368	55.22%	4.379%
31	12.330	3410	3418	3428	rBV6	5844	9590	1.03%	0.081%
32	12.552	3473	3487	3495	rBV8	4198	10127	1.08%	0.086%
33	12.889	3583	3592	3600	rBV2	27505	41871	4.48%	0.355%
34	13.008	3621	3629	3634	rBV6	7593	11140	1.19%	0.094%
35	13.047	3634	3641	3651	rVB4	17209	26541	2.84%	0.225%
36	13.134	3660	3668	3680	rBV2	14294	22606	2.42%	0.192%

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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

37	13.352	3728	3736	3739	rBV7	6934	9844	1.05%	0.083%
38	13.433	3751	3761	3783	rBV2	125282	249395	26.67%	2.115%
39	13.529	3785	3791	3799	rBV5	14061	20735	2.22%	0.176%
40	13.587	3800	3809	3826	rBV	104649	228922	24.48%	1.941%
41	13.725	3846	3852	3865	rVB	17061	25978	2.78%	0.220%
42	13.851	3883	3891	3894	rBV7	15412	22750	2.43%	0.193%
43	13.999	3917	3937	3943	rBV5	69353	177113	18.94%	1.502%
44	14.047	3944	3952	3959	rVV3	59684	97353	10.41%	0.826%
45	14.092	3960	3966	3972	rVV	50551	61386	6.56%	0.521%
46	14.188	3985	3996	4011	rBV2	201825	370072	39.57%	3.138%
47	14.449	4069	4077	4086	rBV	533969	717388	76.71%	6.083%
48	14.648	4133	4139	4153	rVB4	78293	145804	15.59%	1.236%
49	15.066	4262	4269	4279	rVB5	139460	229649	24.56%	1.947%
50	15.146	4288	4294	4304	rVB3	100293	153068	16.37%	1.298%
51	15.208	4305	4313	4326	rBV	259524	391328	41.84%	3.318%
52	15.400	4364	4373	4382	rBV	675498	935189	100.00%	7.930%
53	15.976	4545	4552	4565	rVV2	174323	260565	27.86%	2.210%
54	16.047	4568	4574	4586	rVB5	64183	112942	12.08%	0.958%
55	16.291	4642	4650	4662	rVB	192885	270542	28.93%	2.294%

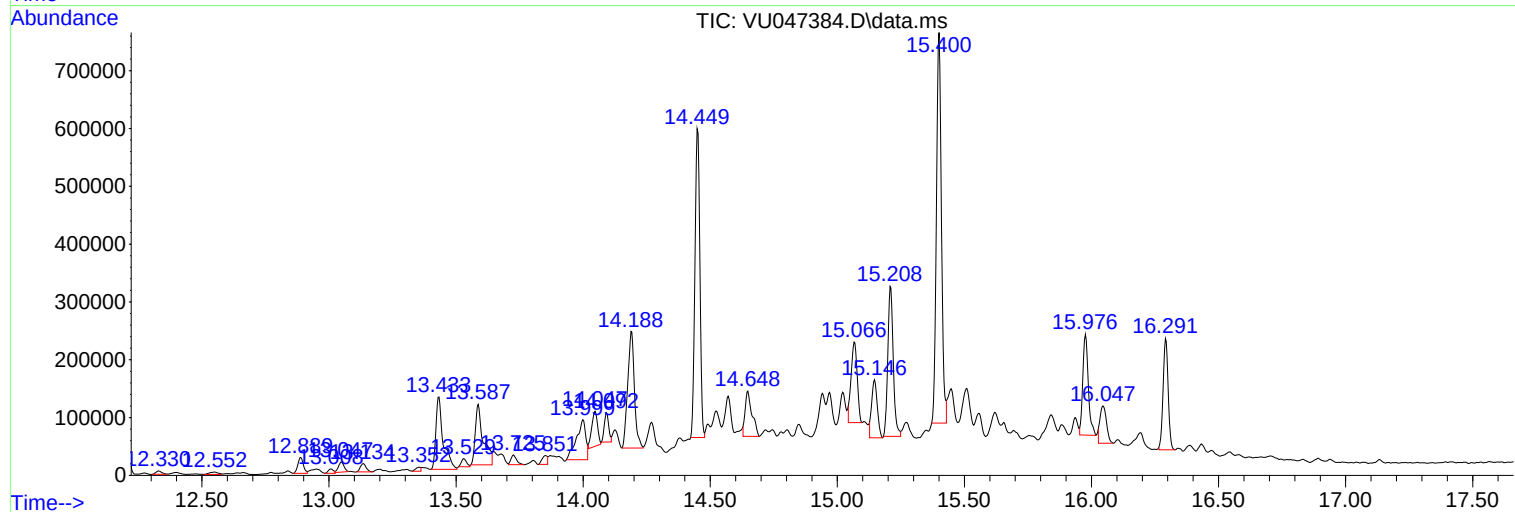
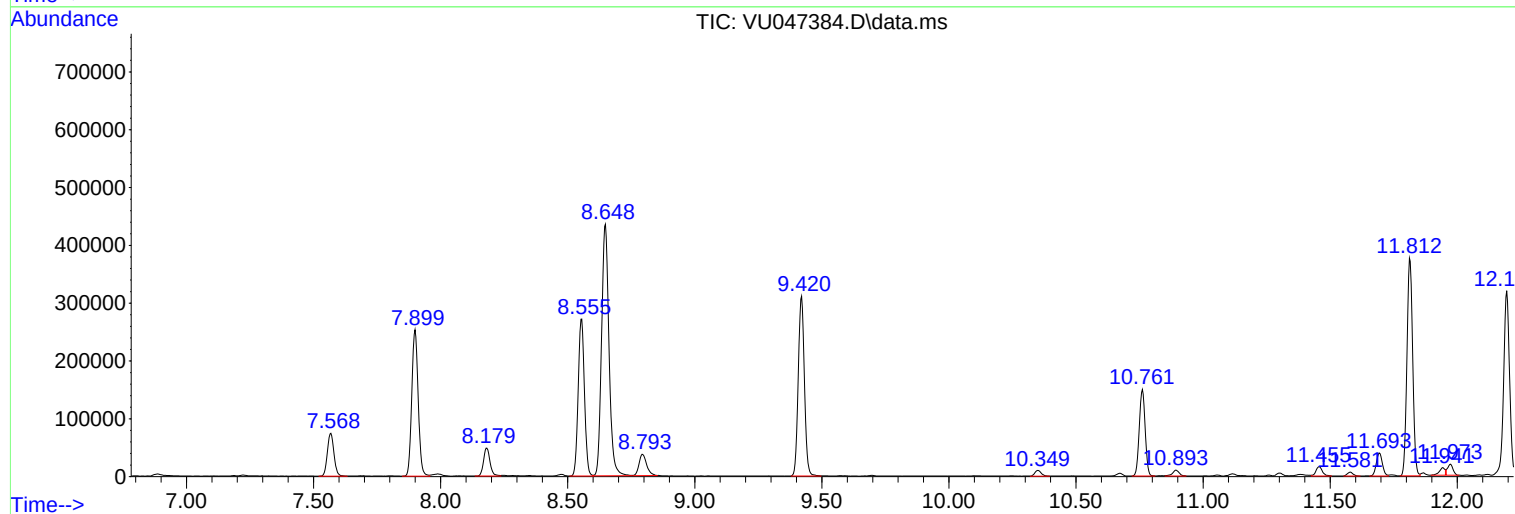
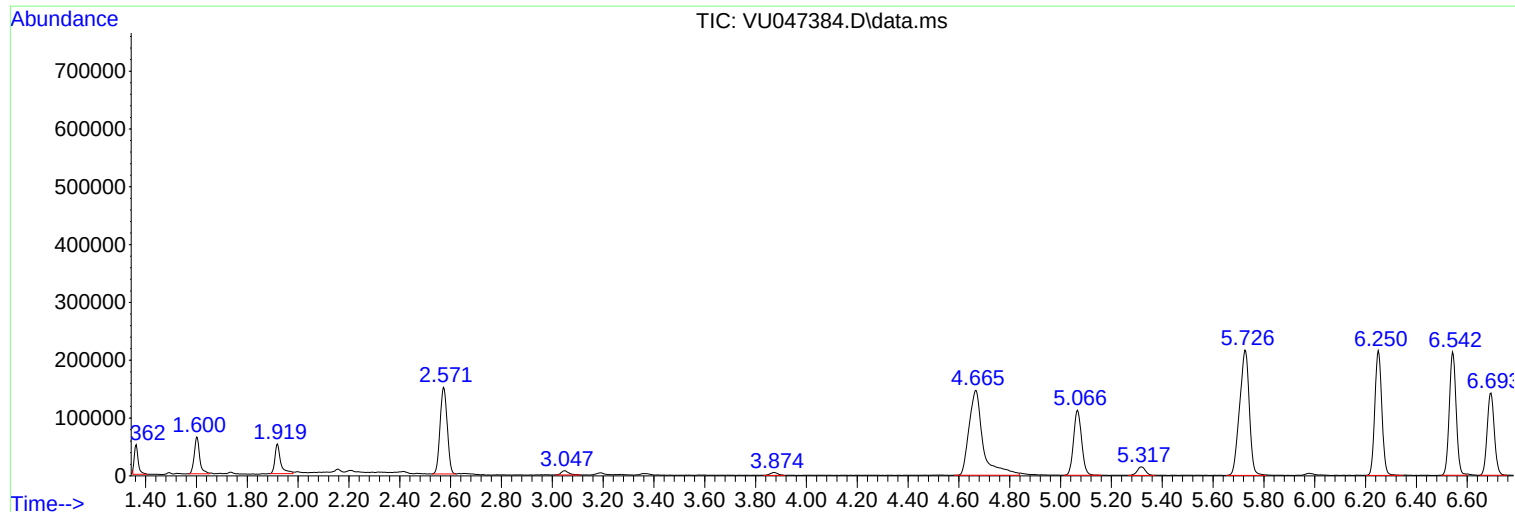
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

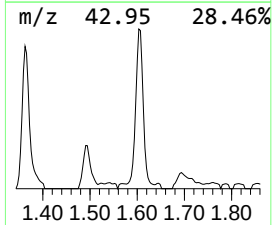
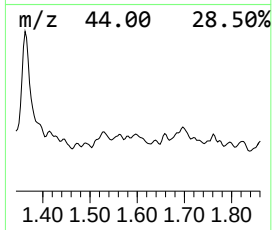
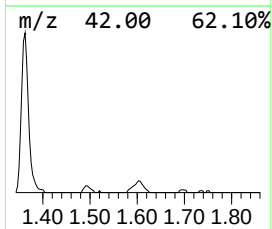
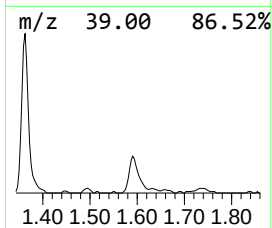
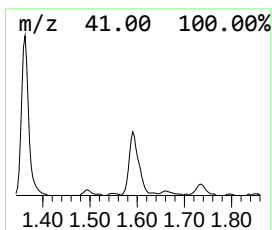
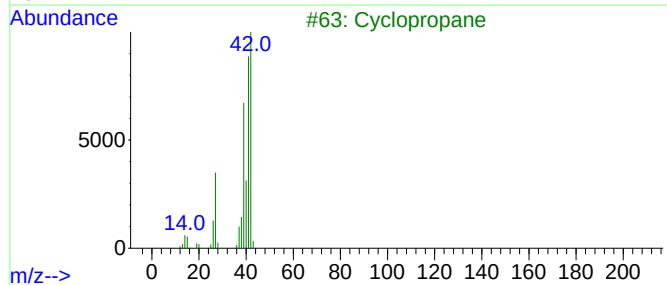
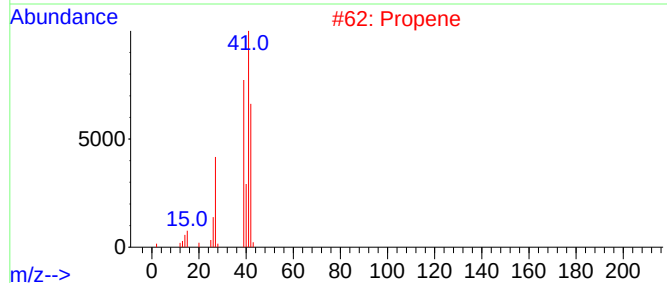
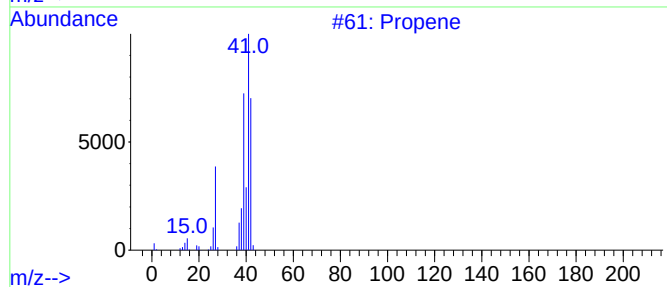
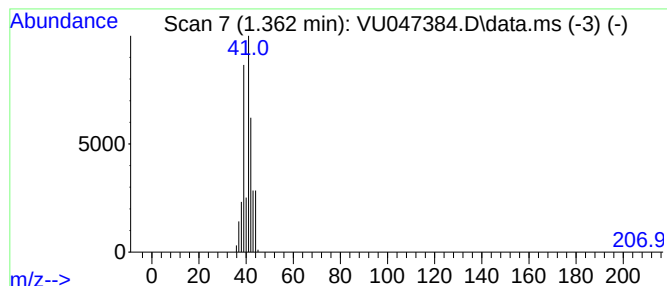
Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

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 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.362	0.65 ug/L	53391	1,4-Difluorobenzene	6.250	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Propene		42 C3H6	000115-07-1	90
2	Propene		42 C3H6	000115-07-1	42
3	Cyclopropane		42 C3H6	000075-19-4	40
4	Cyclopropene		40 C3H4	002781-85-3	9
5	Cyclopropane		42 C3H6	000075-19-4	7



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Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

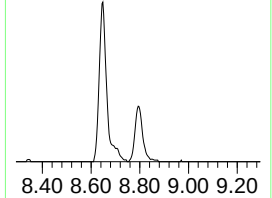
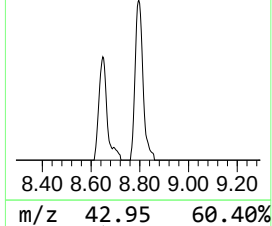
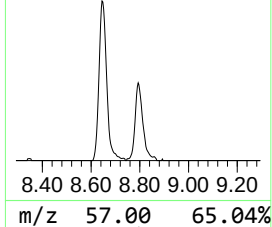
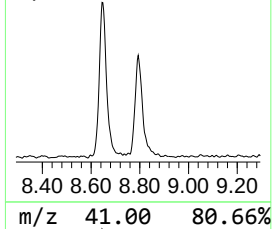
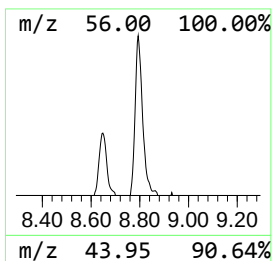
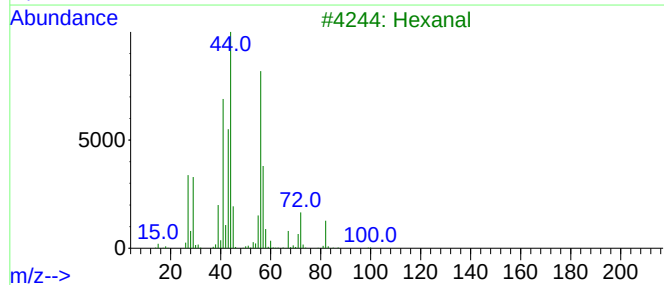
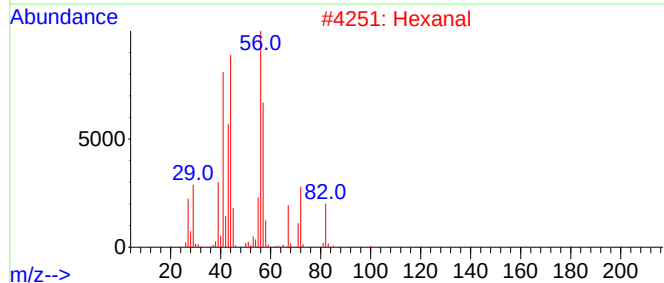
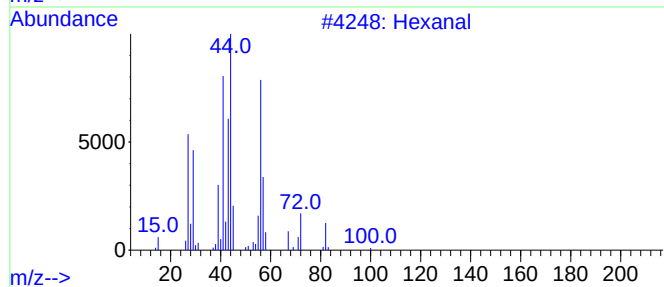
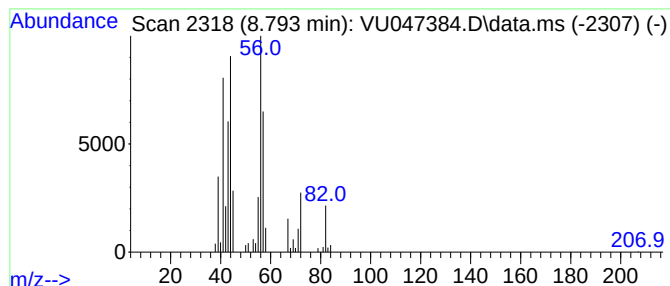
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.793	0.73 ug/L	76393	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	83
2	Hexanal			100	C6H12O	000066-25-1	78
3	Hexanal			100	C6H12O	000066-25-1	78
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
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Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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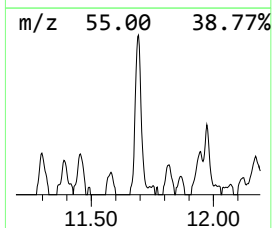
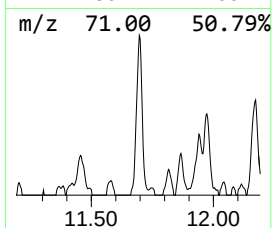
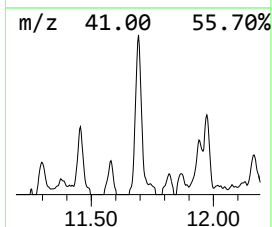
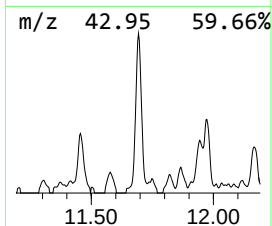
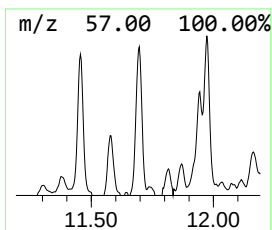
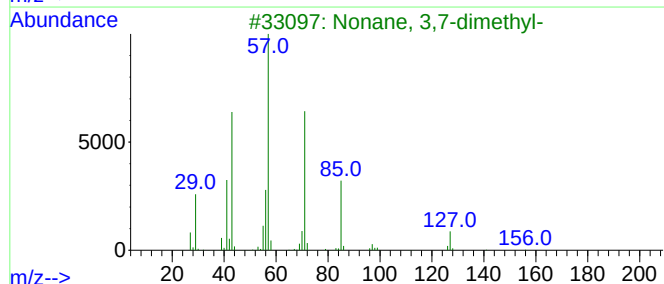
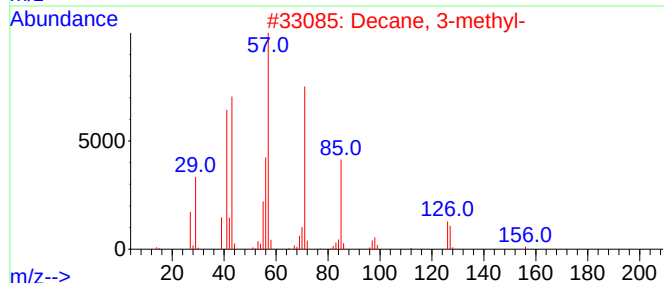
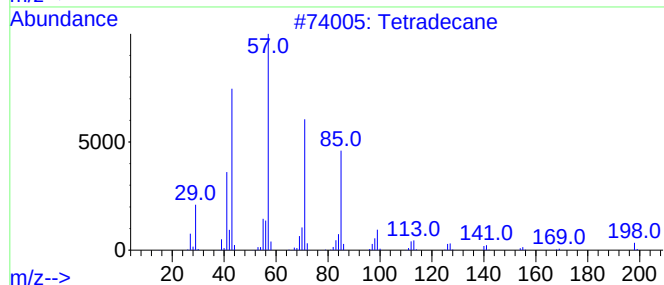
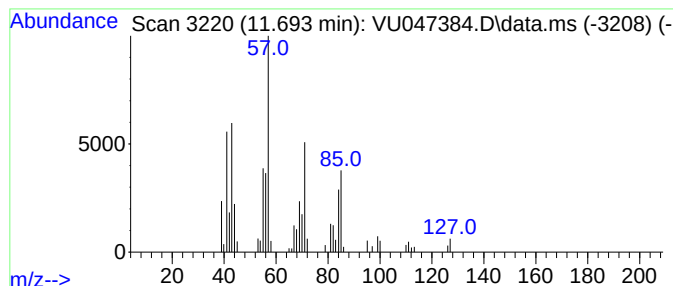
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	0.56 ug/L	65531	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	50
2			Decane, 3-methyl-	156	C11H24	013151-34-3	50
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	47
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	47



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Instrument :
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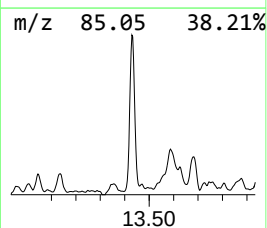
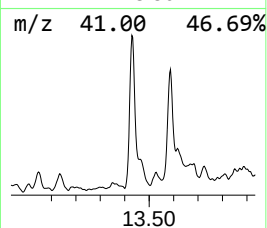
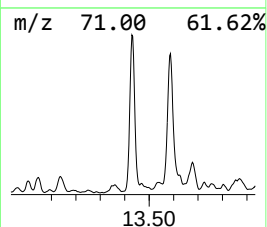
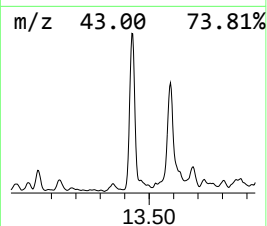
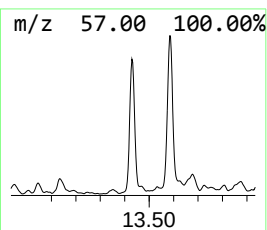
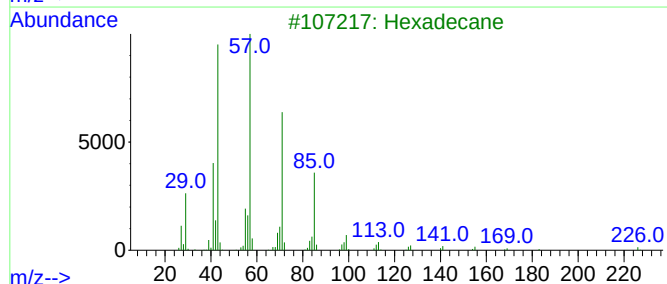
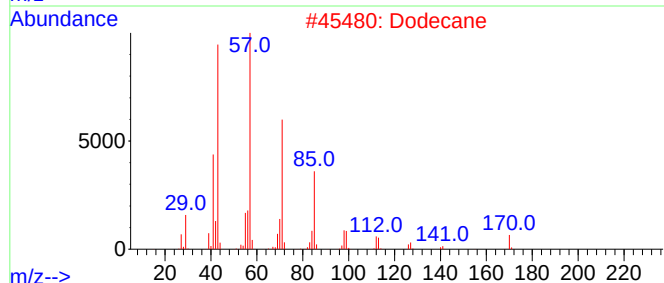
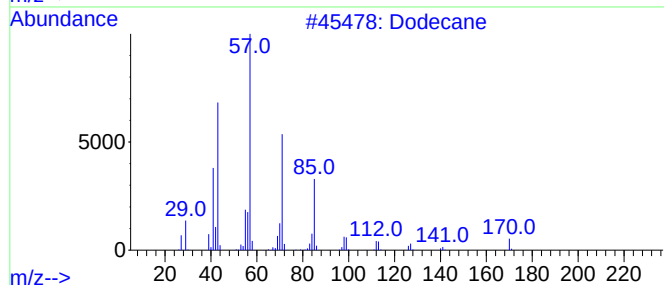
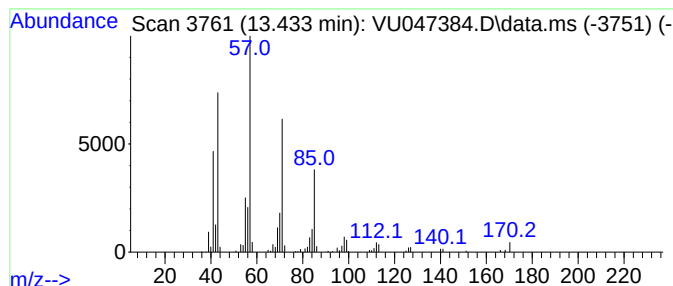
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.433	2.12 ug/L	249395	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Dodecane	170	C12H26	000112-40-3	81
3			Hexadecane	226	C16H34	000544-76-3	80
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	78
5			Undecane	156	C11H24	001120-21-4	64



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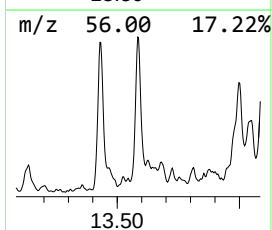
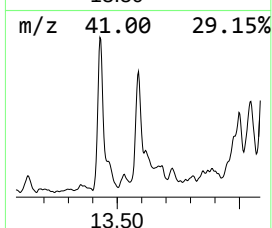
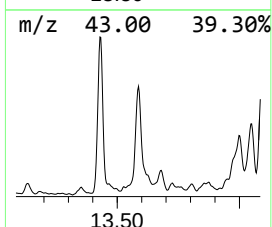
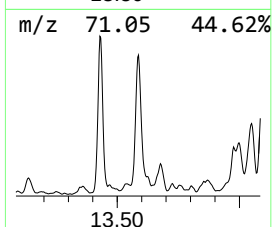
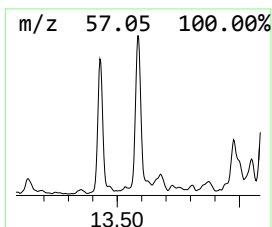
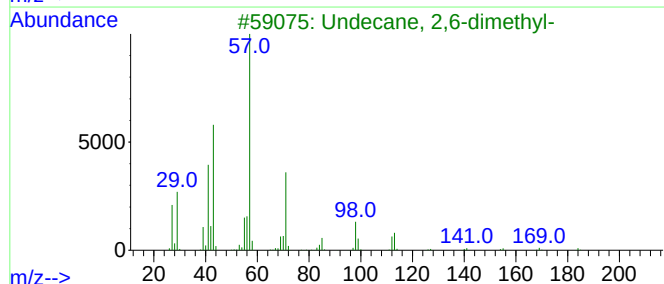
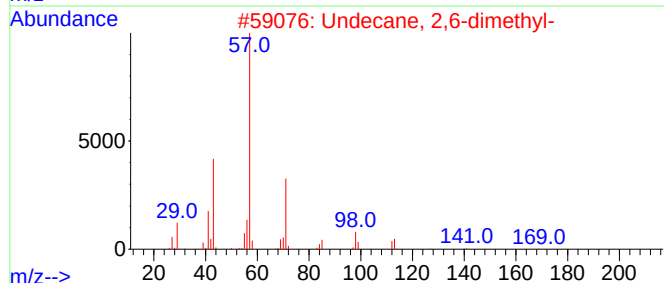
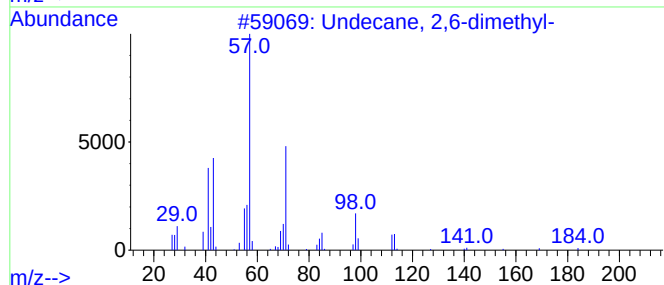
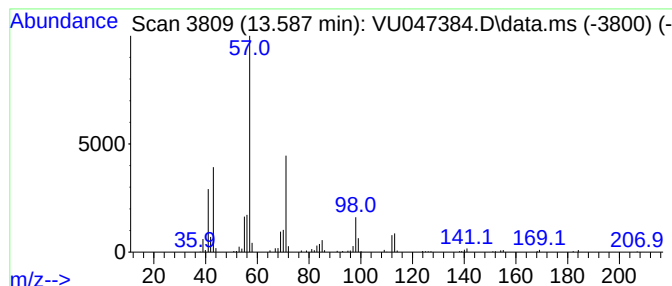
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	1.95 ug/L	228922	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

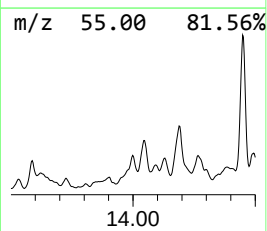
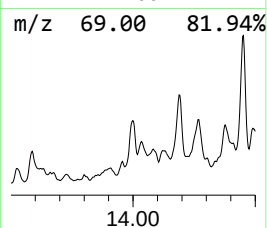
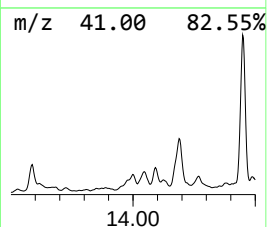
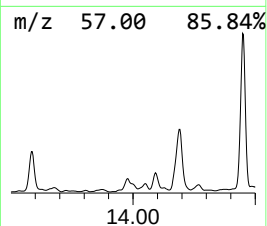
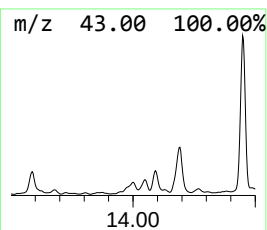
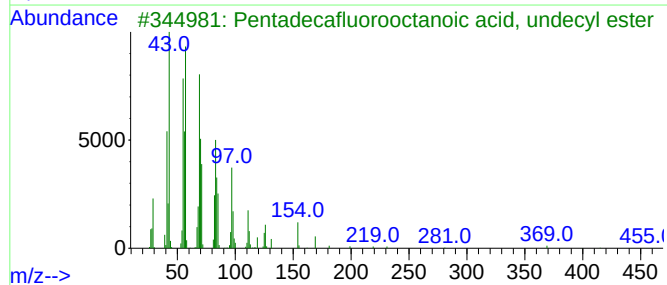
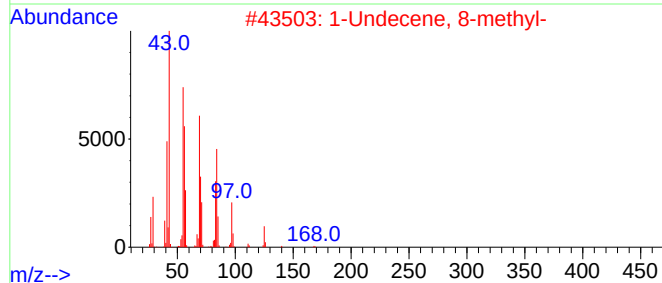
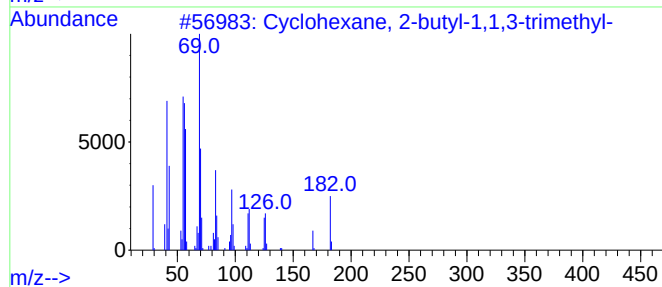
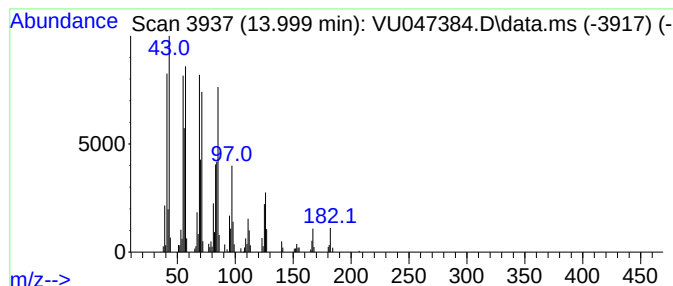
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic13.999 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	1.51 ug/L	177113	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	78
2			1-Undecene, 8-methyl-	168	C12H24	074630-40-3	60
3			Pentadecafluorooctanoic acid, un...	568	C19H23F15O2	1010406-04-1	58
4			6-Tridecene, (Z)-	182	C13H26	006508-77-6	50
5			6-Tridecene, (E)-	182	C13H26	006434-76-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

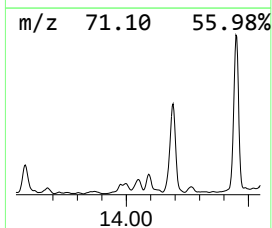
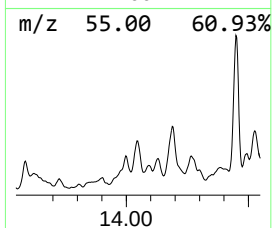
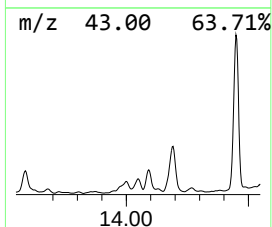
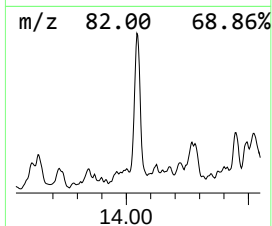
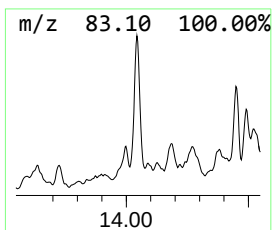
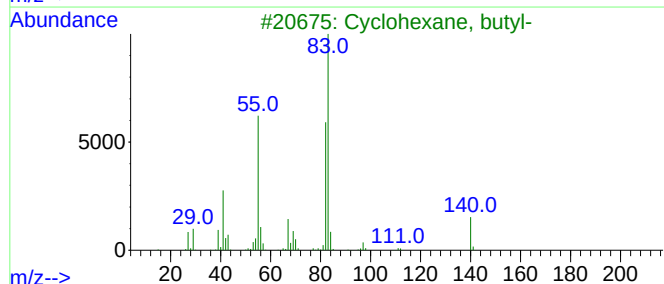
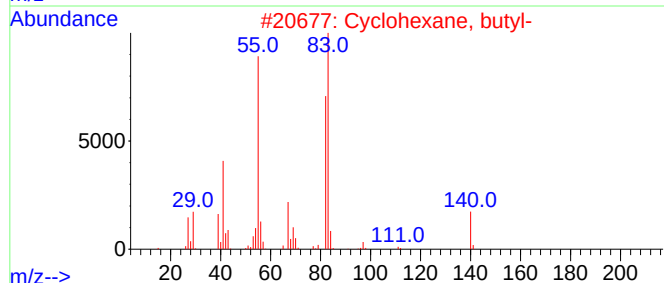
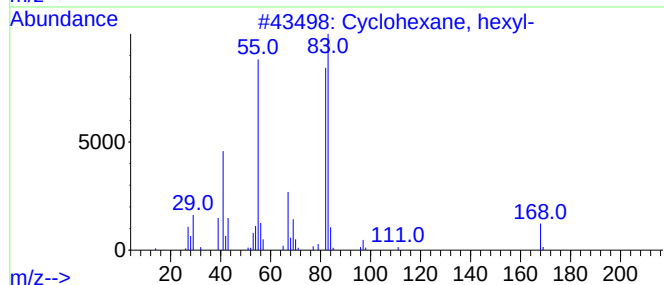
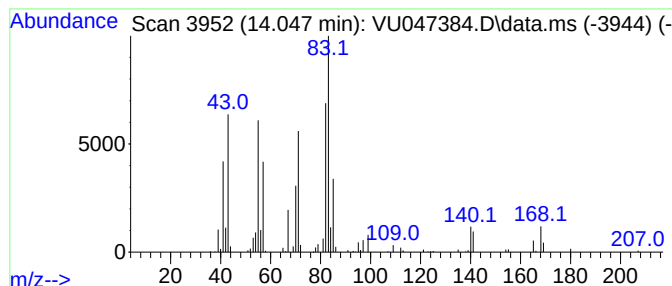
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Cyclic14.047 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.047	0.83 ug/L	97353	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	60
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	58
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	52
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

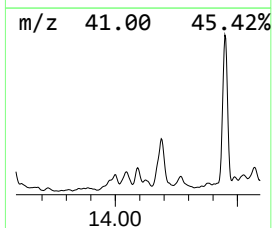
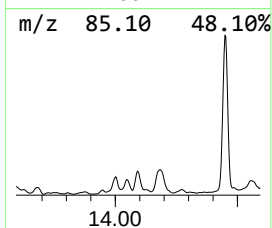
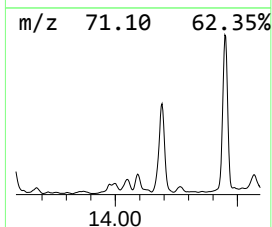
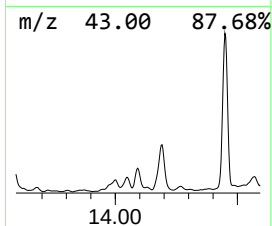
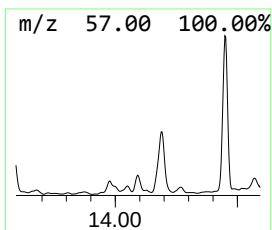
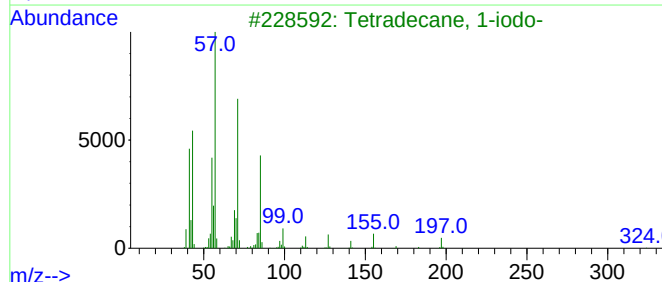
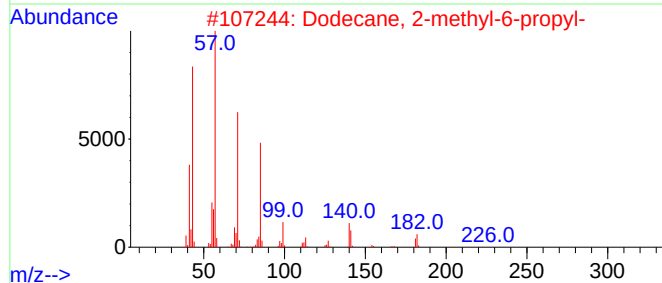
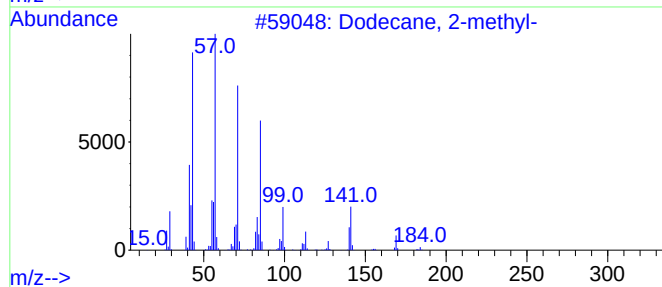
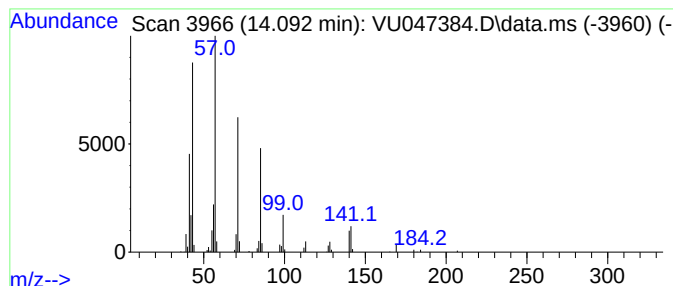
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	0.52 ug/L	61386	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-	184	C13H28	001560-97-0	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5		Octane, 2-methyl-	128	C9H20	003221-61-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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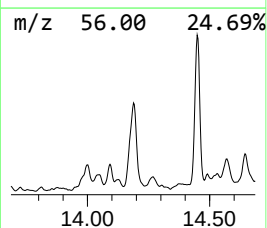
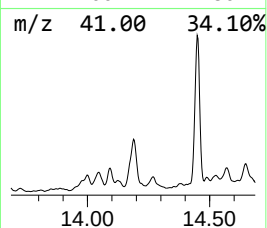
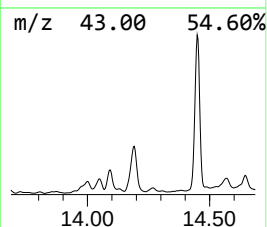
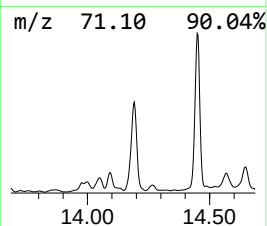
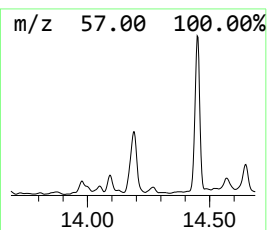
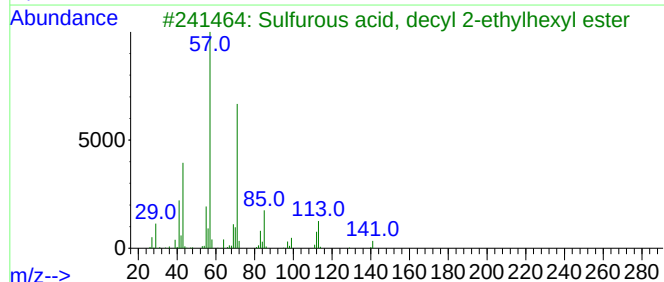
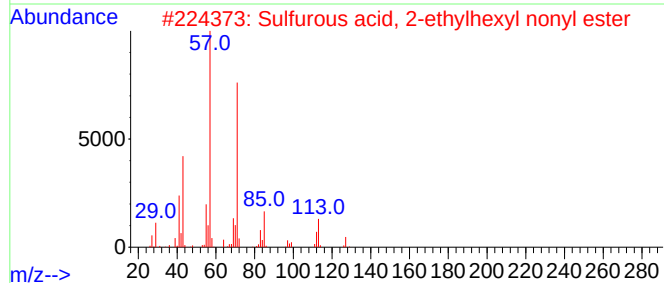
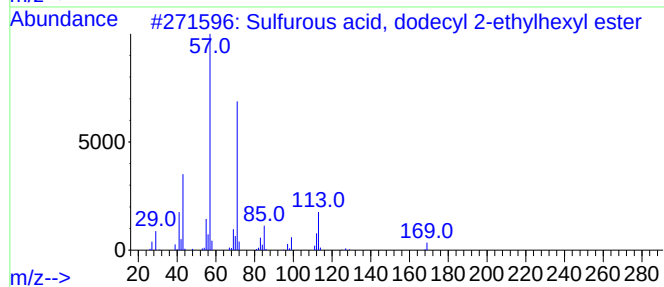
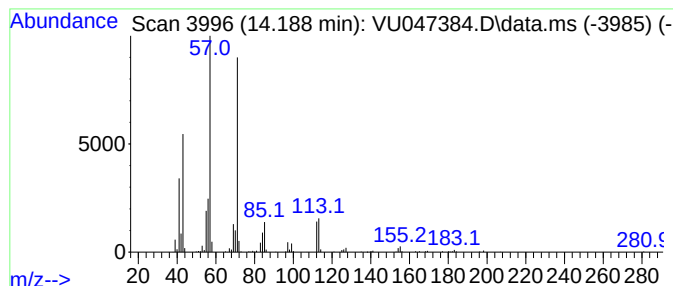
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Sulfurous acid, dodecyl 2-e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	3.15 ug/L	370072	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4			Decane, 5-propyl-	184	C13H28	017312-62-8	64
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

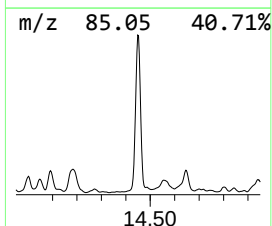
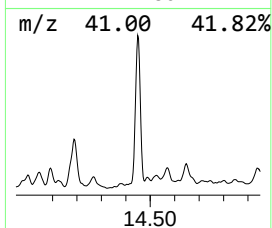
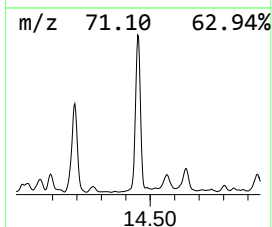
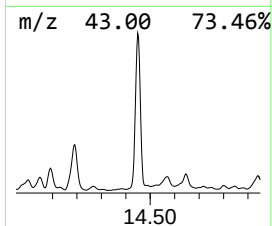
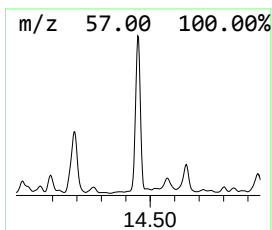
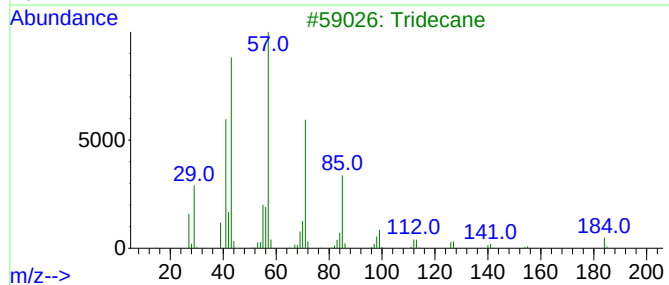
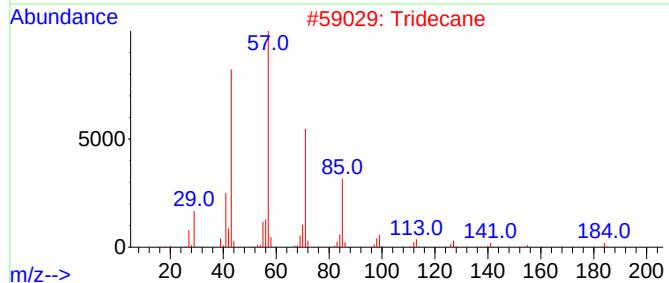
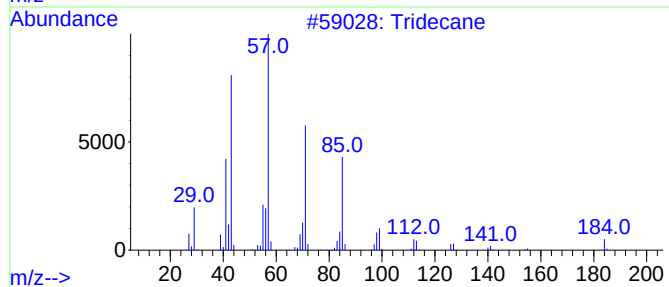
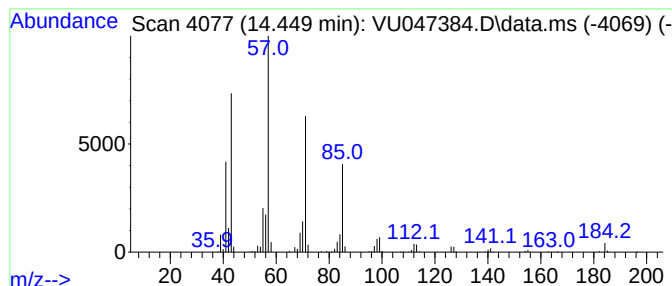
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.449	6.10 ug/L	717388	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Tridecane	184	C13H28	000629-50-5	93
4			Tridecane	184	C13H28	000629-50-5	90
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

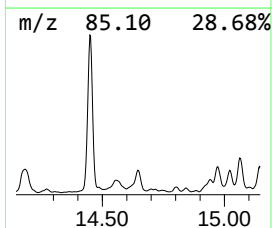
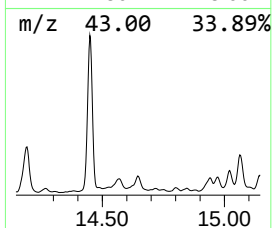
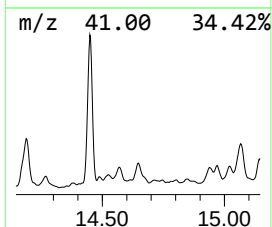
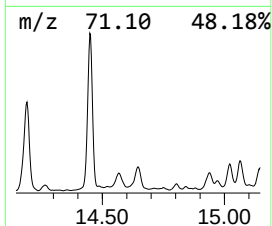
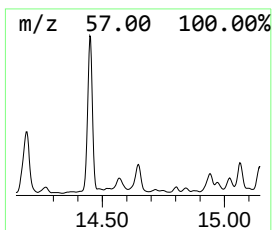
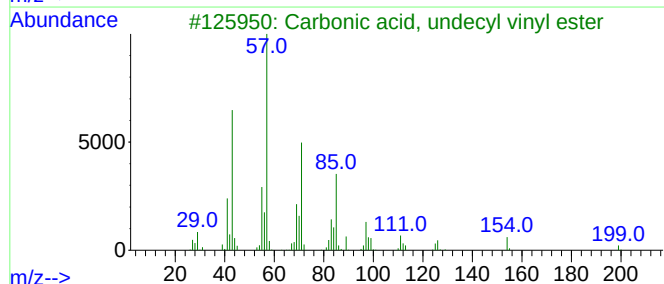
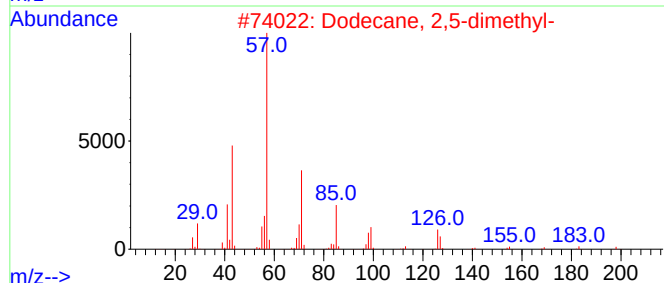
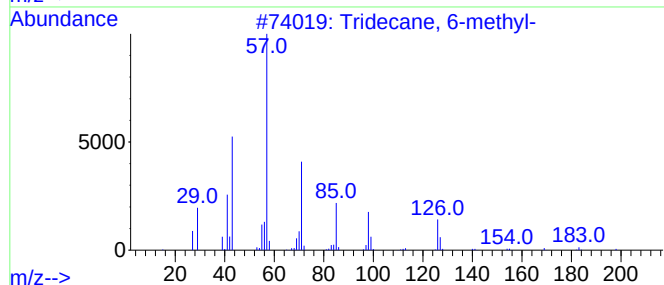
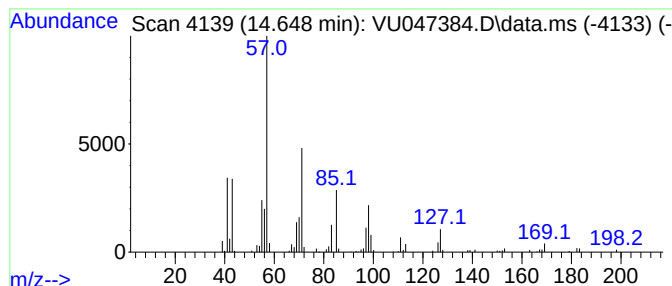
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.648	1.24 ug/L	145804	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	76
3		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	64
4		Decane, 3-methyl-	156	C11H24	013151-34-3	50
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

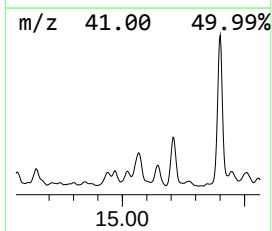
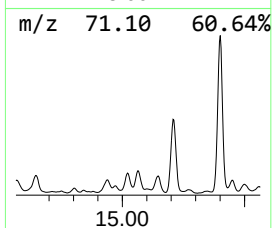
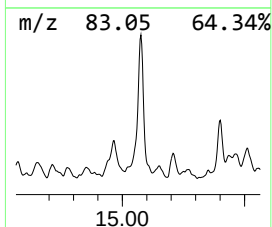
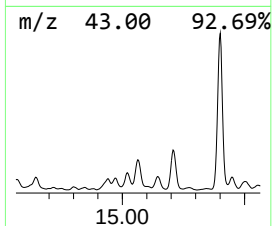
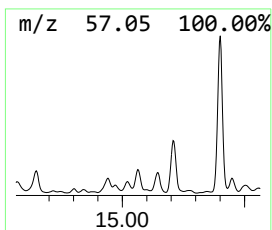
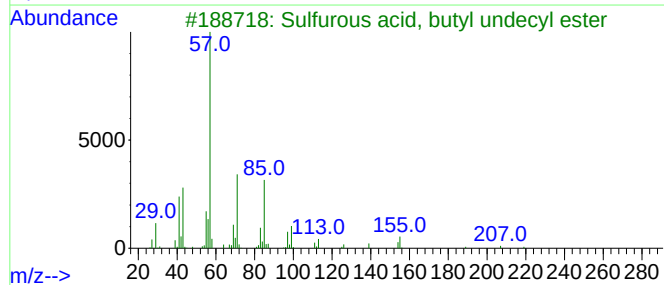
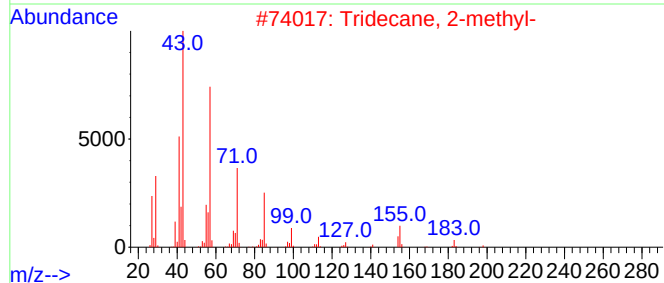
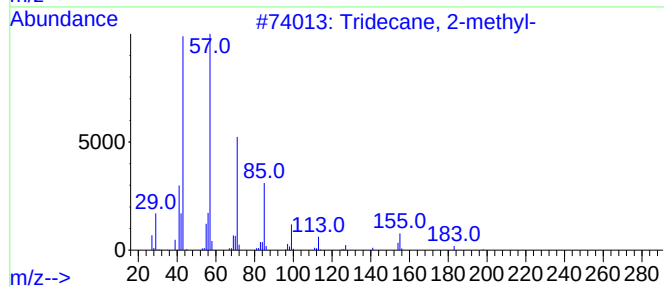
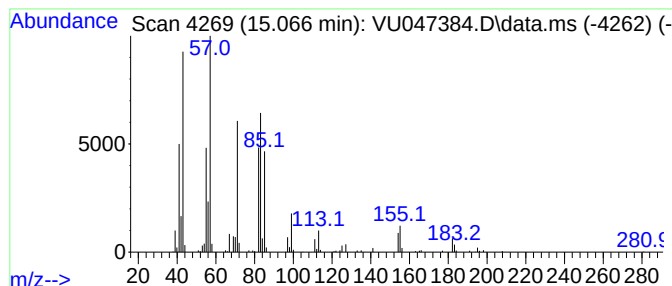
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	1.95 ug/L	229649	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	92
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	49
3			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	47
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
5			Undecane, 4-ethyl-	184	C13H28	017312-59-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

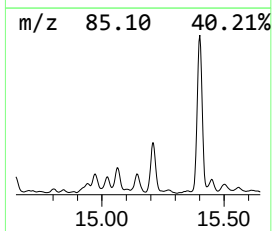
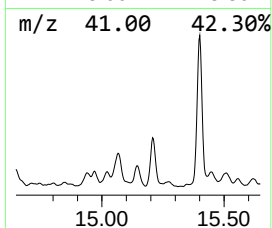
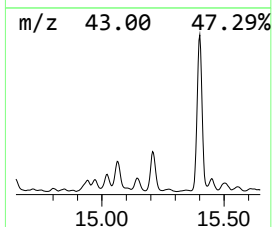
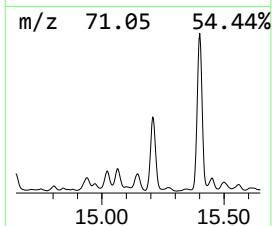
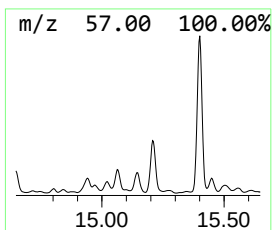
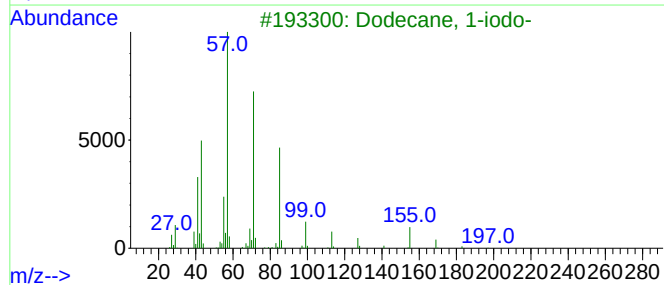
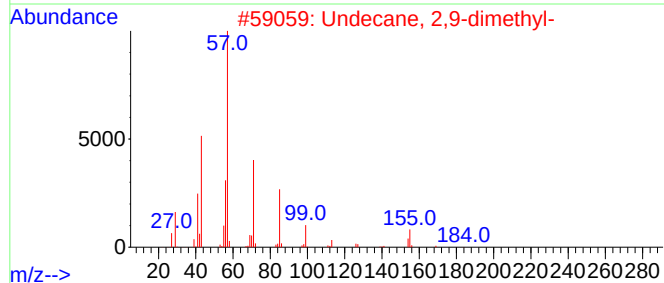
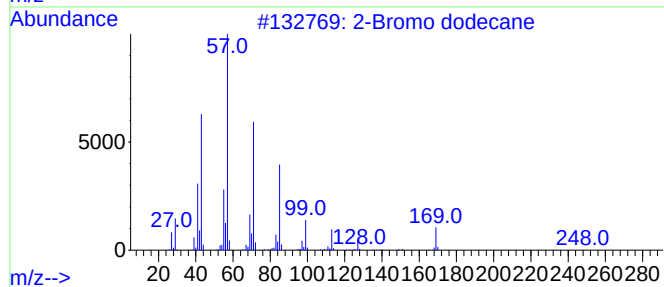
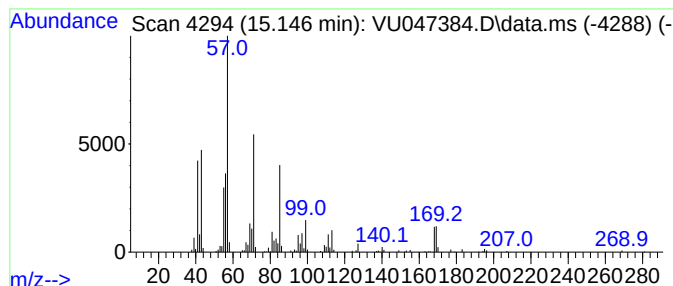
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.147	1.30 ug/L	153068	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5			Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

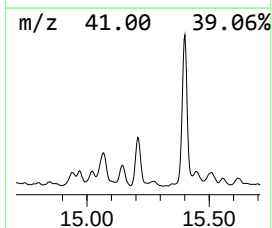
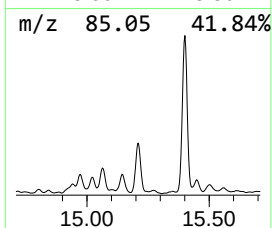
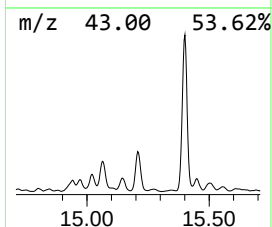
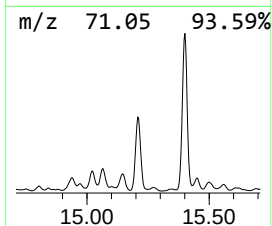
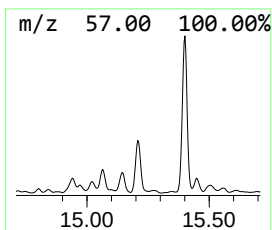
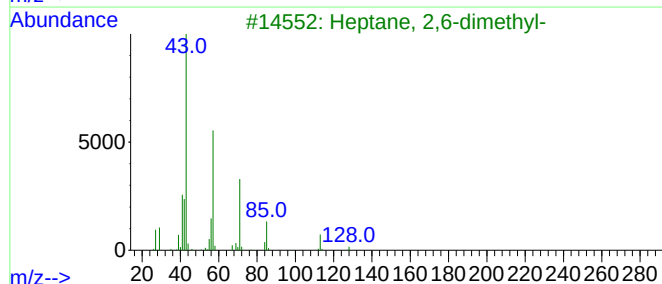
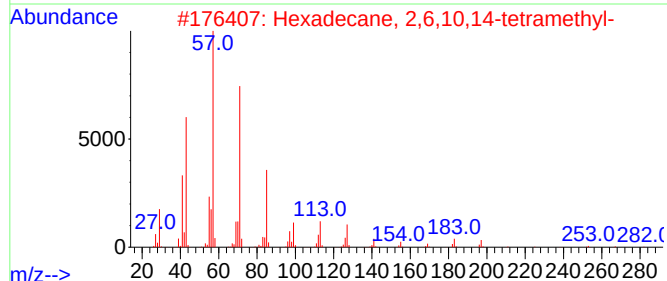
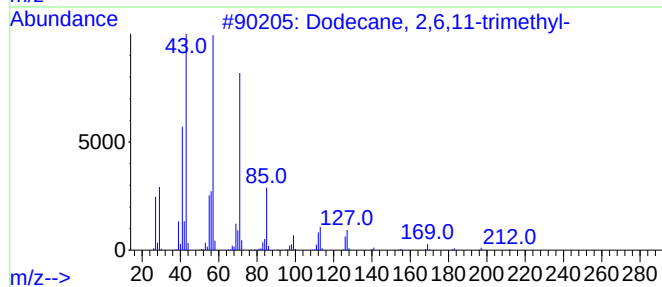
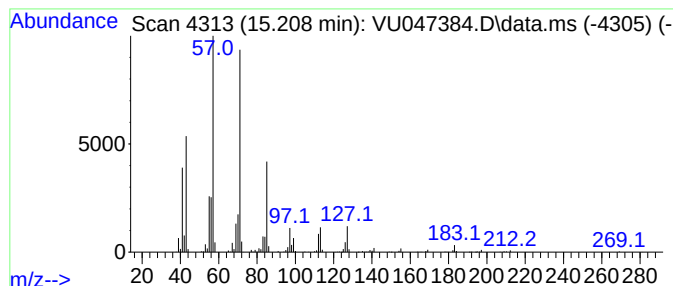
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	3.33 ug/L	391328	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	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			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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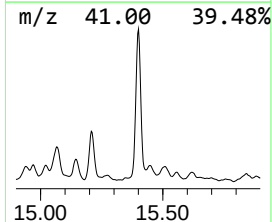
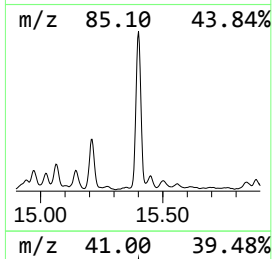
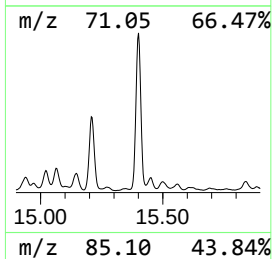
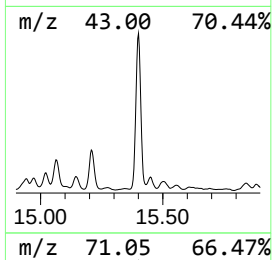
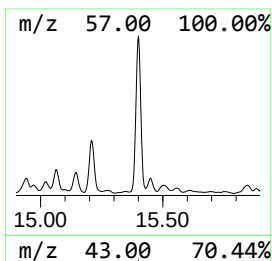
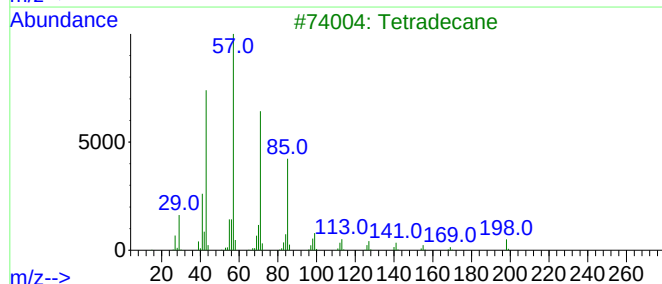
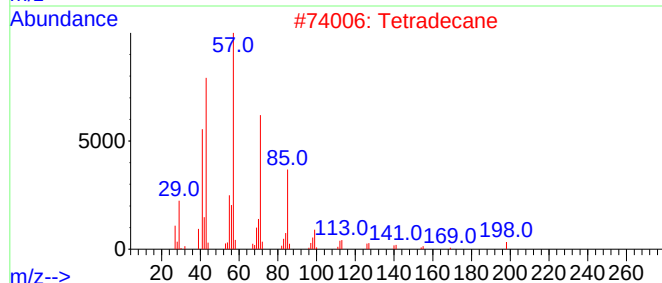
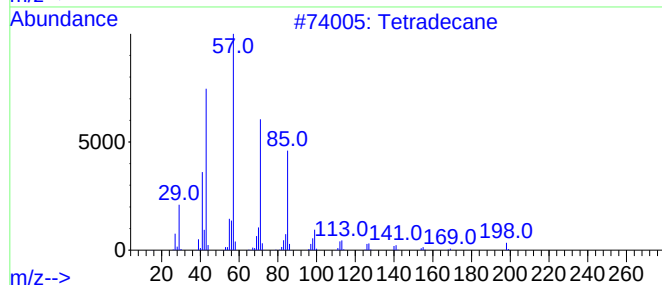
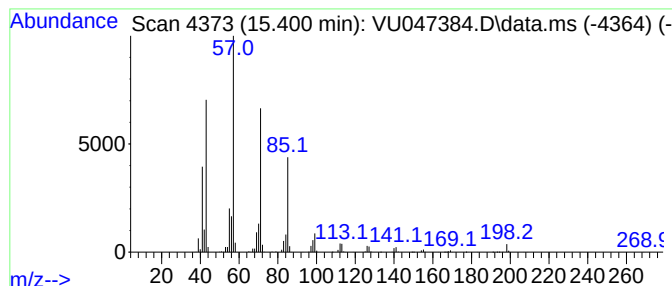
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.400	7.96 ug/L	935189	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

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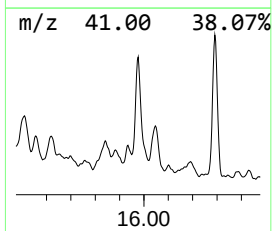
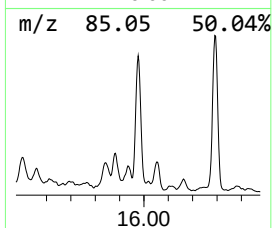
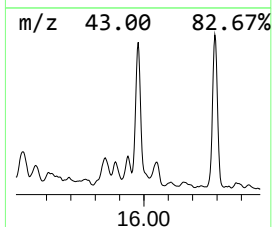
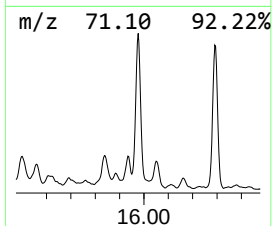
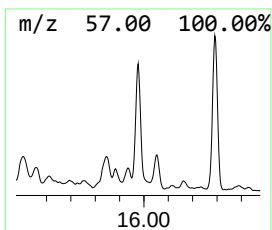
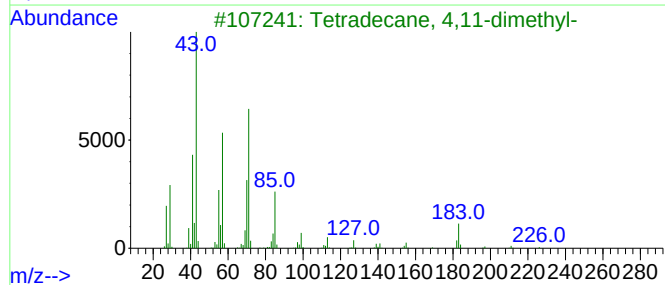
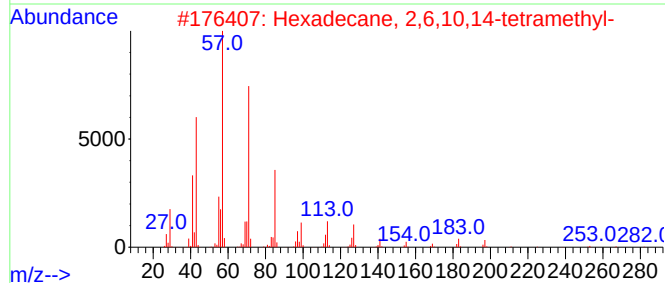
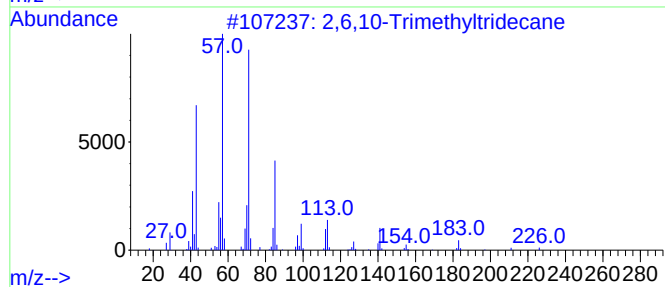
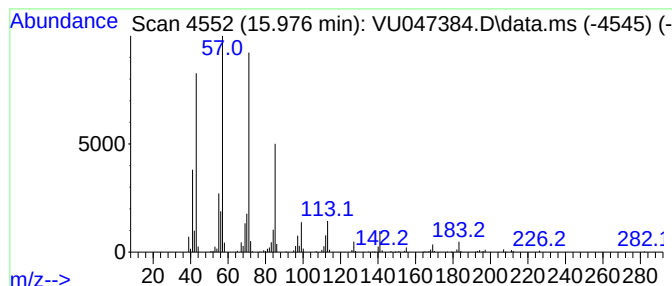
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.976	2.22 ug/L	260565	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	92
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	90
4		Decane, 5-propyl-	184	C13H28	017312-62-8	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

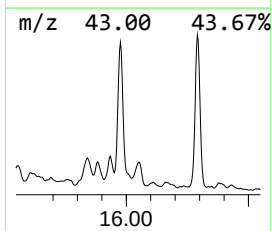
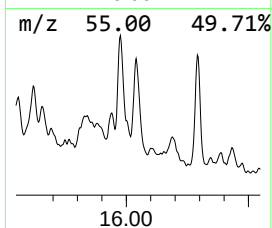
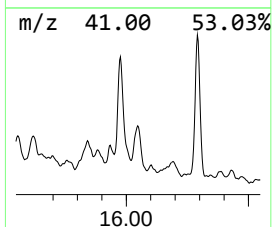
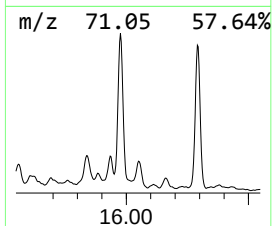
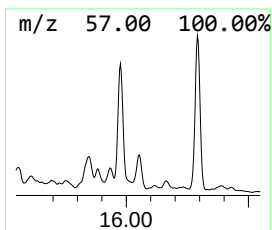
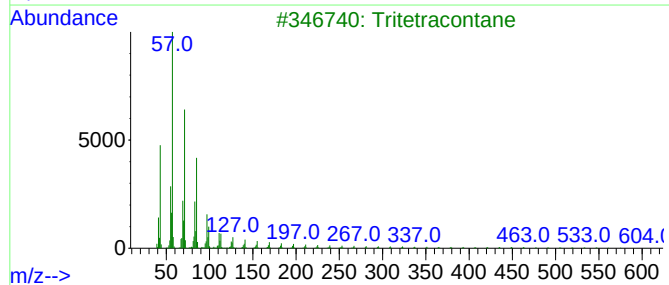
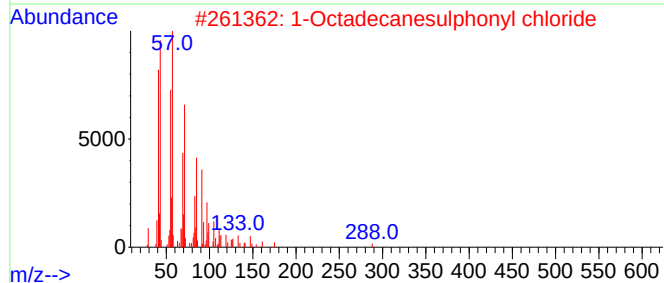
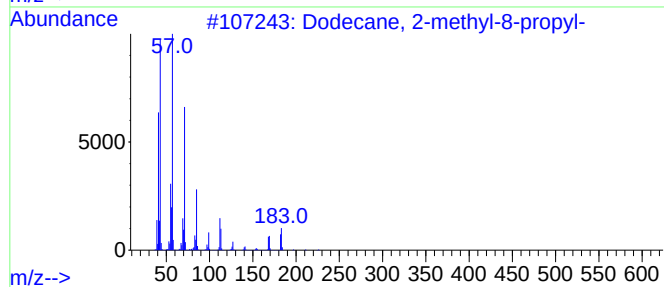
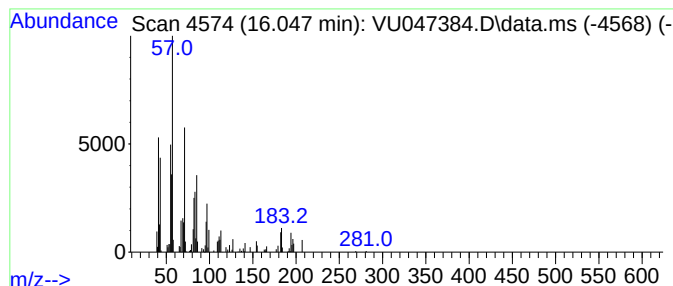
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.047	0.96 ug/L	112942	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	58
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
3			Tritetracontane	605	C43H88	007098-21-7	52
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047384.D
Acq On : 08 Mar 2022 12:18
Operator : SY/MD
Sample : N1773-11DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

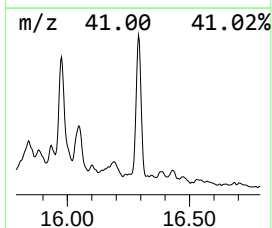
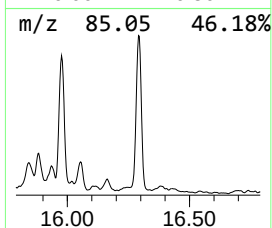
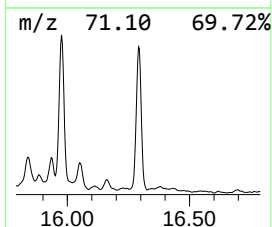
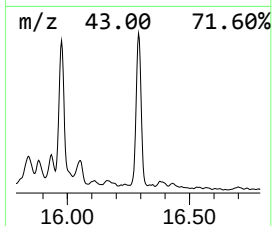
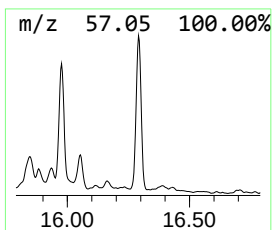
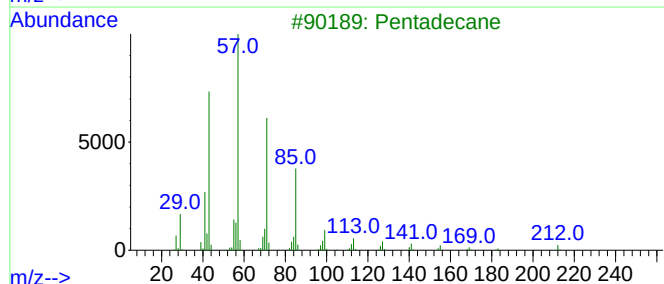
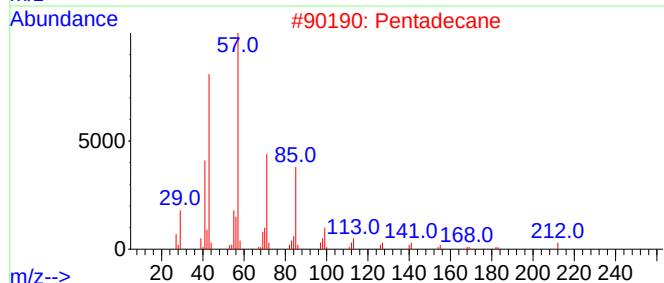
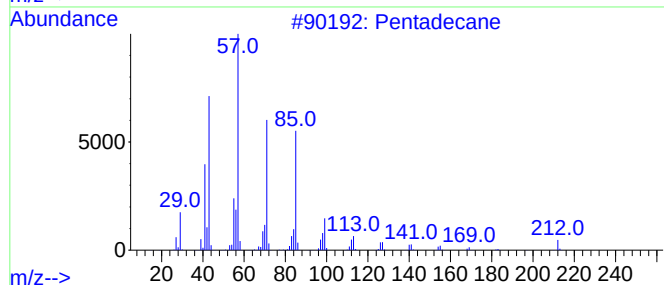
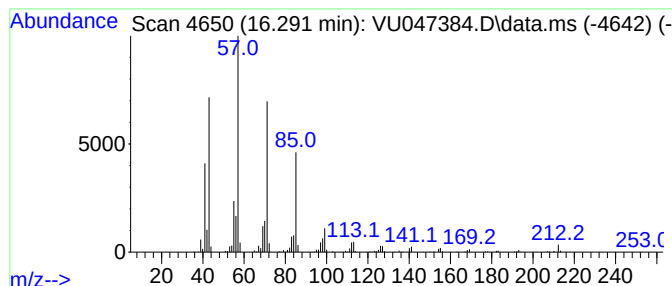
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	2.30 ug/L	270542	1,4-Dichlorobenzene-d4	11.812

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	97
2		Pentadecane	212	C15H32	000629-62-9	94
3		Pentadecane	212	C15H32	000629-62-9	93
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047384.D
 Acq On : 08 Mar 2022 12:18
 Operator : SY/MD
 Sample : N1773-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18DL

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...	1.362	0.7	ug/L	53391	1	6.250	412208	5.0
Hexanal	8.793	0.7	ug/L	76393	2	9.420	522112	5.0
(DEL) Alkane: S...	11.693	0.6	ug/L	65531	3	11.812	587759	5.0
(DEL) Alkane: S...	13.433	2.1	ug/L	249395	3	11.812	587759	5.0
(DEL) Alkane: S...	13.587	2.0	ug/L	228922	3	11.812	587759	5.0
(DEL) Alkane: C...	13.999	1.5	ug/L	177113	3	11.812	587759	5.0
(DEL) Alkane: C...	14.047	0.8	ug/L	97353	3	11.812	587759	5.0
(DEL) Alkane: S...	14.092	0.5	ug/L	61386	3	11.812	587759	5.0
Sulfurous acid,...	14.188	3.1	ug/L	370072	3	11.812	587759	5.0
(DEL) Alkane: S...	14.449	6.1	ug/L	717388	3	11.812	587759	5.0
(DEL) Alkane: S...	14.648	1.2	ug/L	145804	3	11.812	587759	5.0
(DEL) Alkane: S...	15.066	2.0	ug/L	229649	3	11.812	587759	5.0
2-Bromo dodecane	15.147	1.3	ug/L	153068	3	11.812	587759	5.0
(DEL) Alkane: S...	15.208	3.3	ug/L	391328	3	11.812	587759	5.0
(DEL) Alkane: S...	15.400	8.0	ug/L	935189	3	11.812	587759	5.0
(DEL) Alkane: S...	15.976	2.2	ug/L	260565	3	11.812	587759	5.0
(DEL) Alkane: S...	16.047	1.0	ug/L	112942	3	11.812	587759	5.0
(DEL) Alkane: S...	16.291	2.3	ug/L	270542	3	11.812	587759	5.0