

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047385.D
 Acq On : 08 Mar 2022 12:42
 Operator : SY/MD
 Sample : N1773-12DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY19DL

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: VU047385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	3	7	25	rVB	54822	58756	3.56%	0.373%
2	1.601	71	81	97	rBV3	66247	98631	5.98%	0.626%
3	1.919	171	180	200	rBV	50892	78498	4.76%	0.498%
4	2.572	370	383	399	rVB3	154114	300463	18.22%	1.907%
5	4.668	1013	1035	1092	rBV2	150573	590349	35.81%	3.747%
6	5.067	1143	1159	1183	rBV	114598	254196	15.42%	1.613%
7	5.321	1220	1238	1253	rBV2	15503	34922	2.12%	0.222%
8	5.726	1342	1364	1395	rBV2	221816	583986	35.42%	3.706%
9	6.250	1512	1527	1551	rBV	216122	408761	24.79%	2.594%
10	6.542	1603	1618	1637	rBV	225241	420508	25.51%	2.669%
11	6.694	1649	1665	1683	rBV	144782	284714	17.27%	1.807%
12	7.568	1924	1937	1956	rBV	76330	134746	8.17%	0.855%
13	7.899	2026	2040	2057	rBV	258018	446131	27.06%	2.831%
14	8.182	2113	2128	2142	rBV	49211	85900	5.21%	0.545%
15	8.555	2231	2244	2258	rBV	302919	508981	30.87%	3.230%
16	8.648	2258	2273	2304	rVV	441076	938788	56.94%	5.958%
17	8.793	2307	2318	2344	rVB3	38342	85721	5.20%	0.544%
18	9.420	2499	2513	2538	rBV	310064	523316	31.74%	3.321%
19	10.349	2788	2802	2815	rBV5	10211	17436	1.06%	0.111%
20	10.761	2917	2930	2946	rBV	157807	252885	15.34%	1.605%
21	10.893	2957	2971	2981	rBV2	8594	16692	1.01%	0.106%
22	11.455	3137	3146	3165	rVB	29964	51380	3.12%	0.326%
23	11.581	3175	3185	3198	rVB	12299	19765	1.20%	0.125%
24	11.693	3208	3220	3231	rBV3	60383	99462	6.03%	0.631%
25	11.812	3245	3257	3269	rBV	374322	597858	36.26%	3.794%
26	11.944	3285	3298	3302	rBV2	23897	42023	2.55%	0.267%
27	11.973	3302	3307	3318	rVB	37371	51819	3.14%	0.329%
28	12.195	3358	3376	3390	rVB	319112	544739	33.04%	3.457%
29	12.330	3409	3418	3428	rBV3	11213	18462	1.12%	0.117%
30	12.886	3583	3591	3599	rBV2	28391	42594	2.58%	0.270%
31	13.008	3621	3629	3633	rBV4	11928	16612	1.01%	0.105%
32	13.050	3634	3642	3651	rVB4	32242	49475	3.00%	0.314%
33	13.134	3660	3668	3679	rBV	25957	41925	2.54%	0.266%
34	13.198	3682	3688	3700	rVB9	8168	17858	1.08%	0.113%
35	13.430	3751	3760	3769	rBV	218398	364397	22.10%	2.313%
36	13.529	3785	3791	3799	rBV5	23713	36728	2.23%	0.233%

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

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Title : TRACE VOA SFAM1.0

37	13.587	3800	3809	3817	rBV	178212	301758	18.30%	1.915%
38	13.725	3846	3852	3866	rVB7	29693	47216	2.86%	0.300%
39	13.851	3884	3891	3894	rBV5	24440	34170	2.07%	0.217%
40	13.999	3917	3937	3943	rBV4	122813	314802	19.09%	1.998%
41	14.047	3944	3952	3960	rVV3	104208	171935	10.43%	1.091%
42	14.092	3960	3966	3972	rBV	87783	111446	6.76%	0.707%
43	14.188	3985	3996	4011	rBV2	335383	623360	37.81%	3.956%
44	14.449	4069	4077	4086	rBV	921221	1224411	74.27%	7.771%
45	14.571	4110	4115	4123	rVB4	108991	141291	8.57%	0.897%
46	14.648	4134	4139	4153	rVB4	134922	247218	14.99%	1.569%
47	14.941	4225	4230	4234	rBV3	76864	96382	5.85%	0.612%
48	15.021	4250	4255	4260	rBV	84437	106548	6.46%	0.676%
49	15.066	4262	4269	4279	rVB5	238547	399559	24.23%	2.536%
50	15.147	4288	4294	4304	rVB2	177049	266305	16.15%	1.690%
51	15.208	4305	4313	4326	rBV	457341	685035	41.55%	4.348%
52	15.401	4364	4373	4382	rBV	1184866	1648693	100.00%	10.464%
53	15.976	4545	4552	4565	rVV	327243	488083	29.60%	3.098%
54	16.044	4567	4573	4587	rVB4	115157	210667	12.78%	1.337%
55	16.291	4642	4650	4661	rVB	378843	517684	31.40%	3.286%

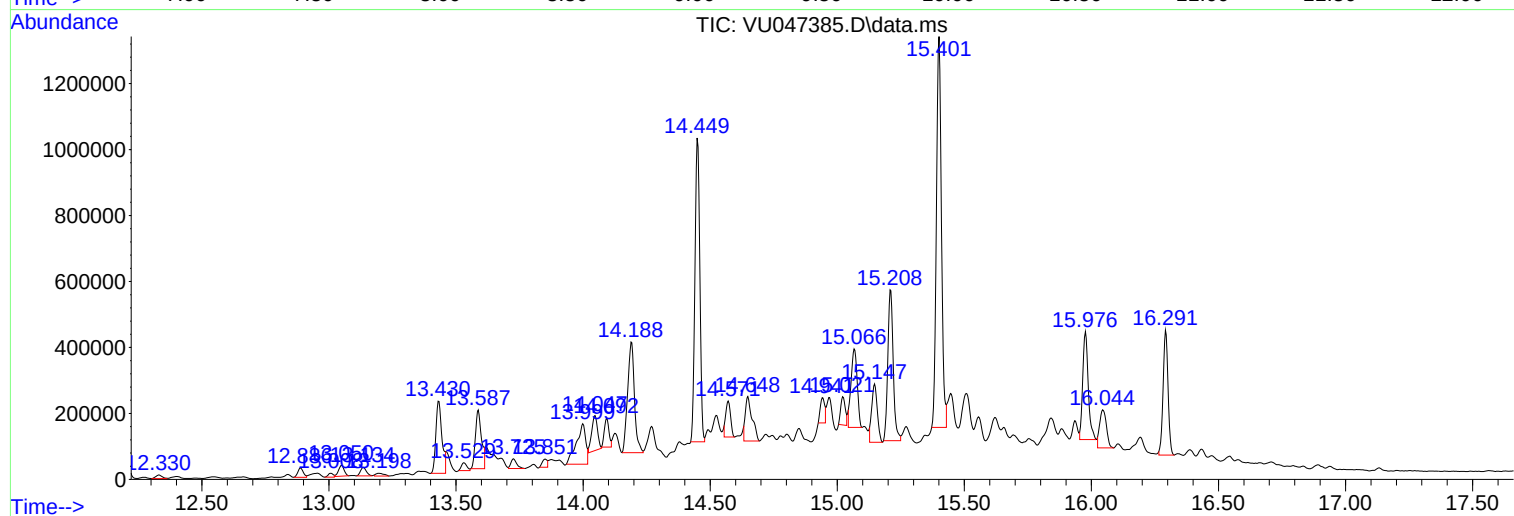
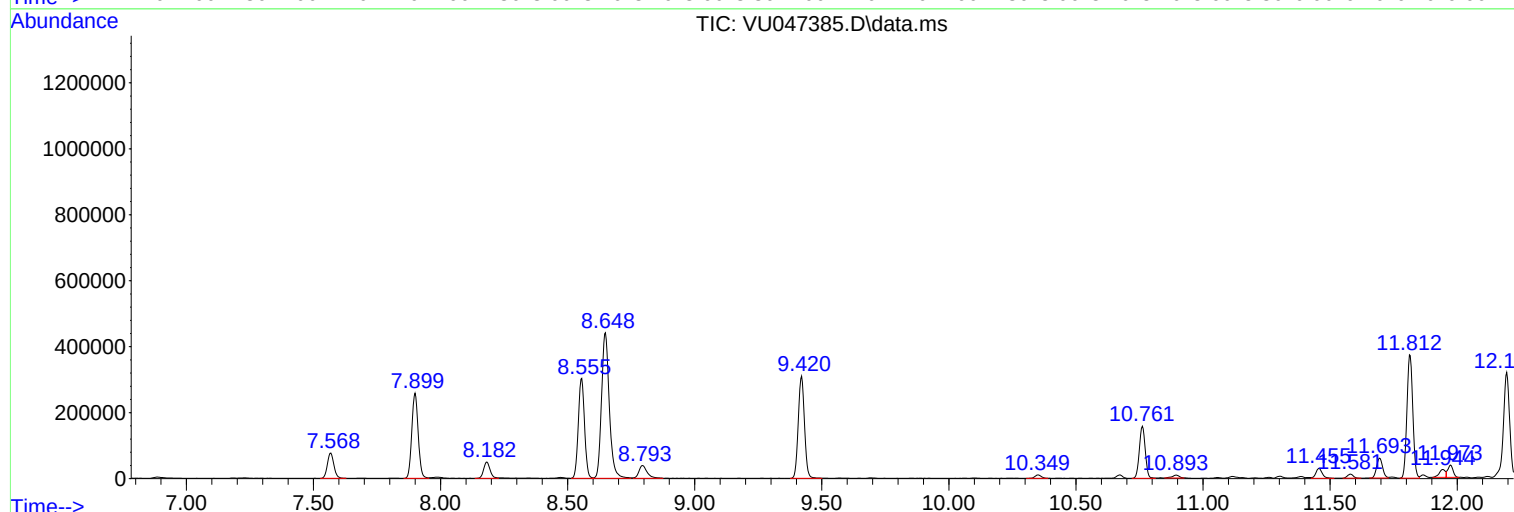
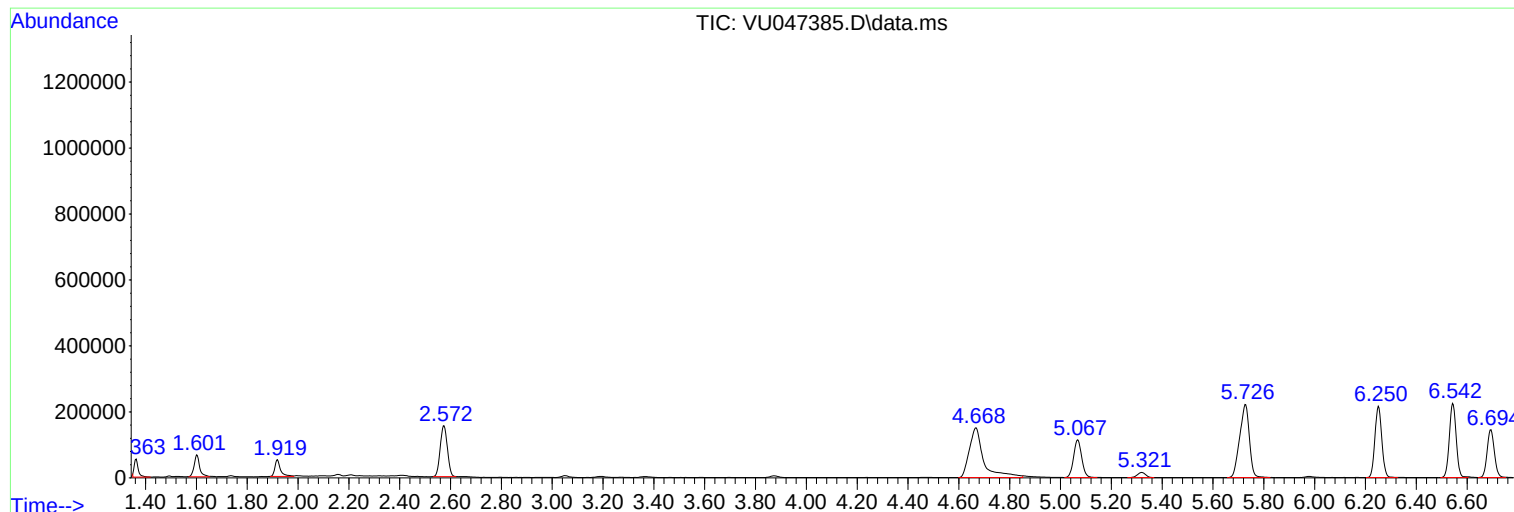
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

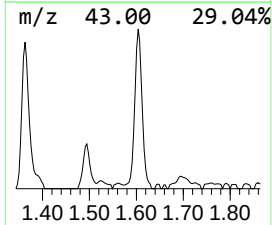
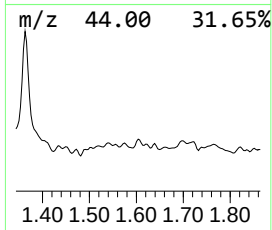
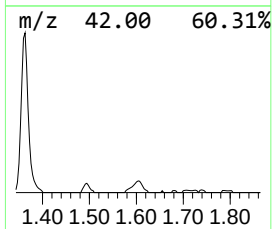
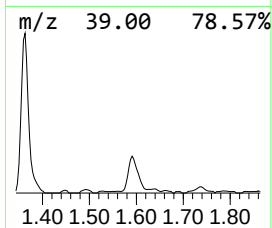
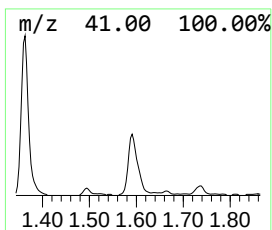
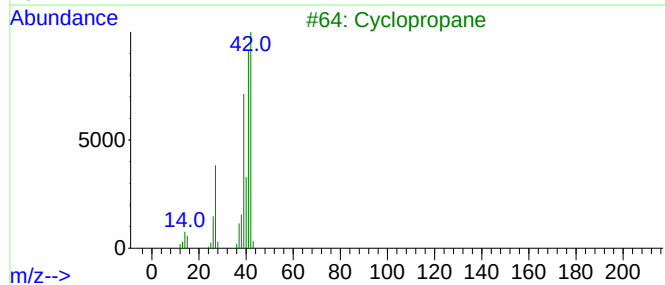
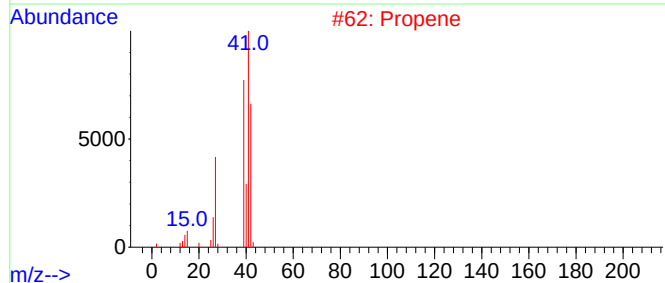
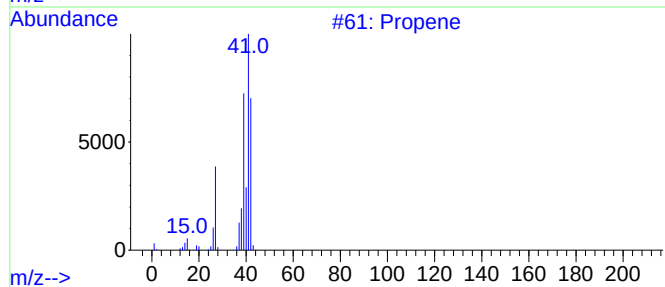
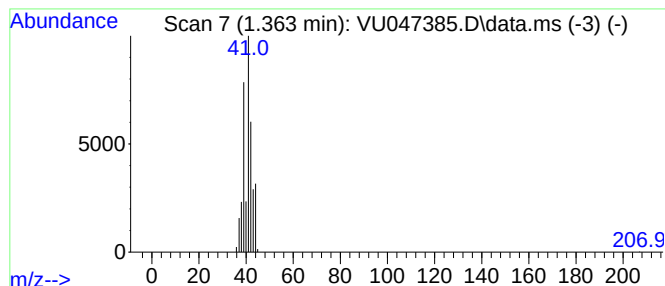
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.363	0.72 ug/L	58756	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	7
4			Cyclopropane	42	C3H6	000075-19-4	7
5			Cyclopropene	40	C3H4	002781-85-3	5



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

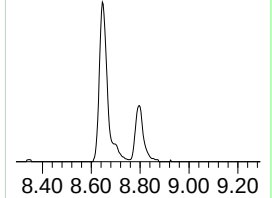
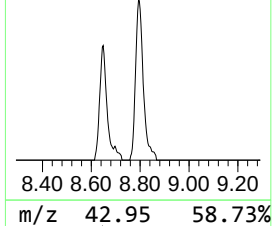
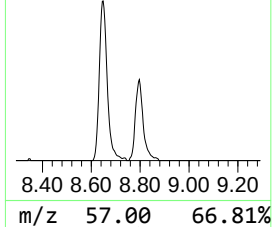
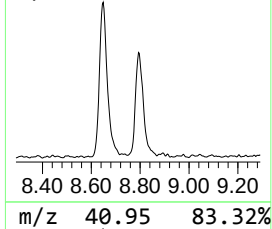
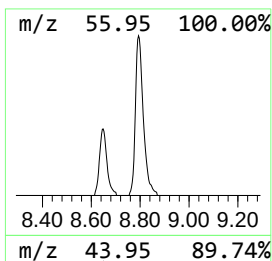
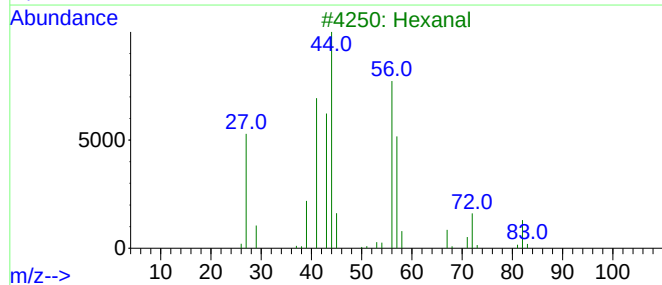
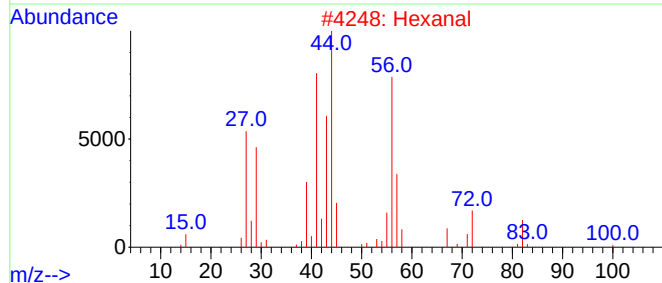
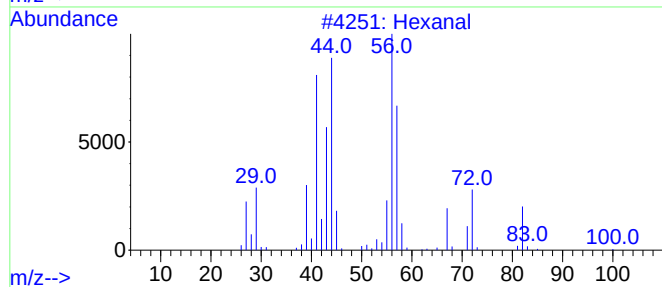
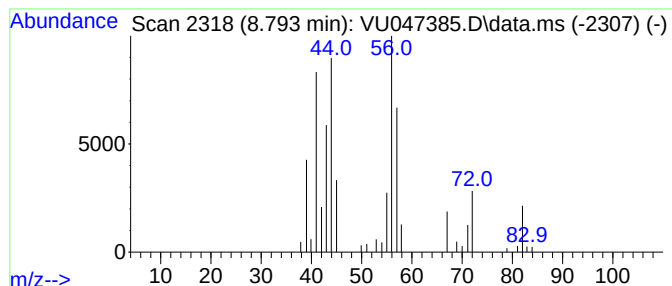
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.793	0.82 ug/L	85721	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	64
2	Hexanal			100	C6H12O	000066-25-1	50
3	Hexanal			100	C6H12O	000066-25-1	50
4	Hexanal			100	C6H12O	000066-25-1	43
5	Butanal			72	C4H8O	000123-72-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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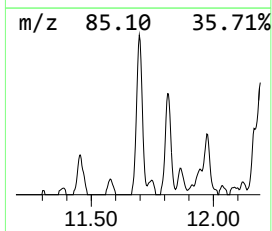
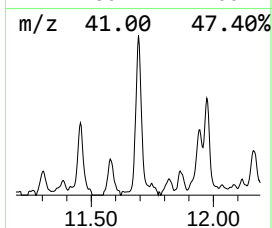
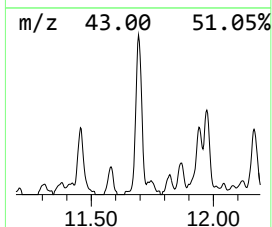
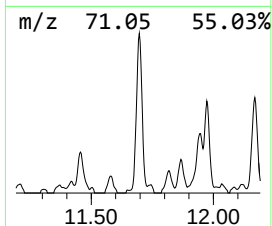
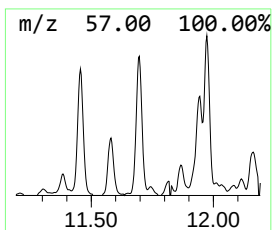
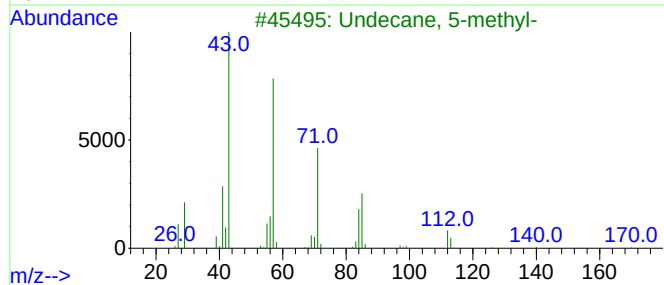
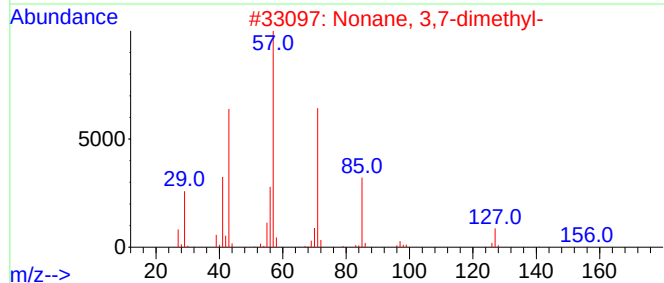
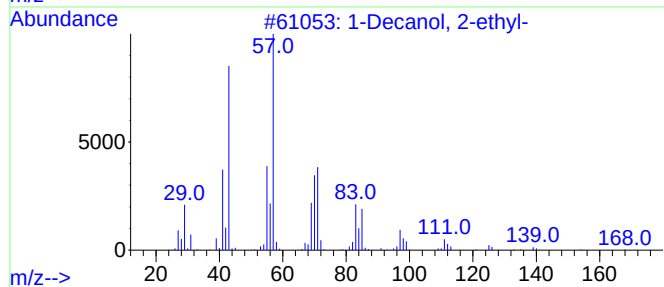
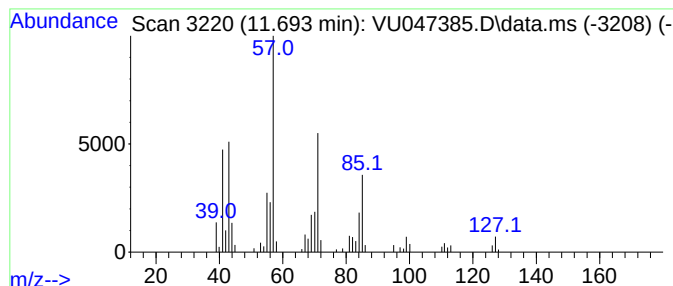
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 1-Decanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.693	0.83 ug/L	99462	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	78
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4			Octane, 2-methyl-	128	C9H20	003221-61-2	59
5			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59



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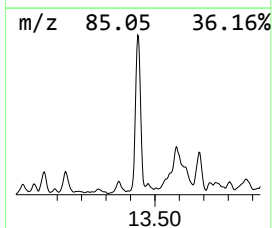
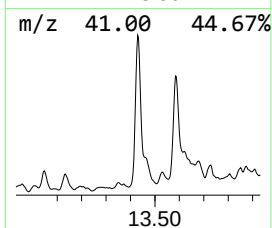
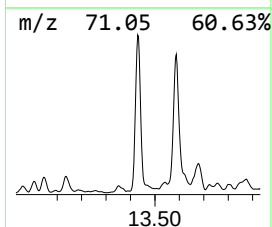
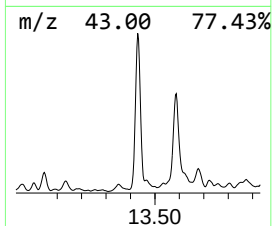
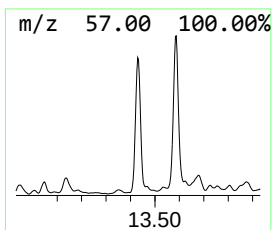
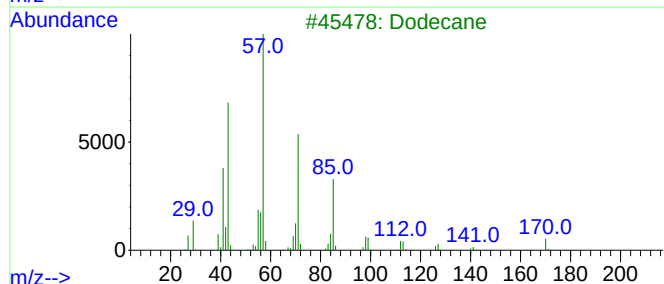
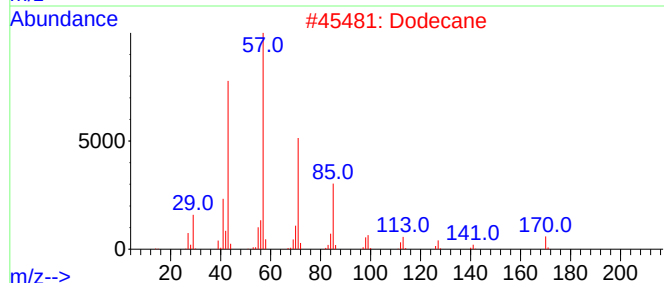
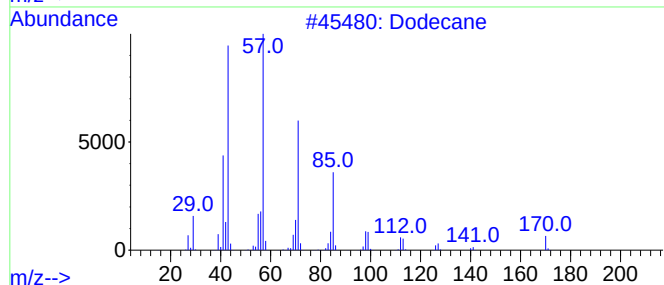
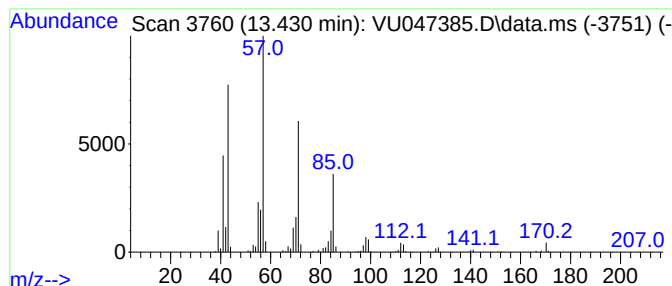
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.430	3.05 ug/L	364397	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Dodecane	170	C12H26	000112-40-3	90
3			Dodecane	170	C12H26	000112-40-3	90
4			Tetradecane	198	C14H30	000629-59-4	80
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	80



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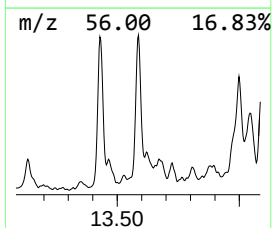
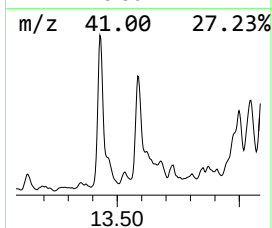
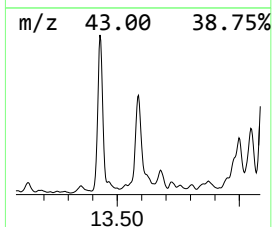
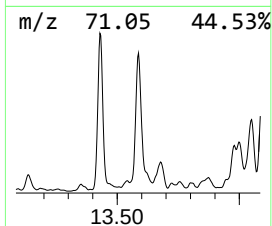
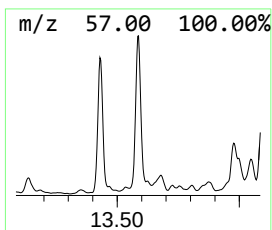
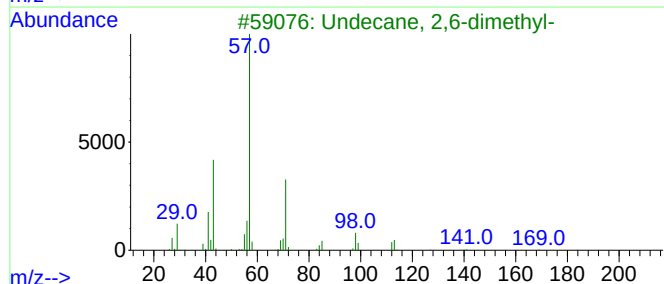
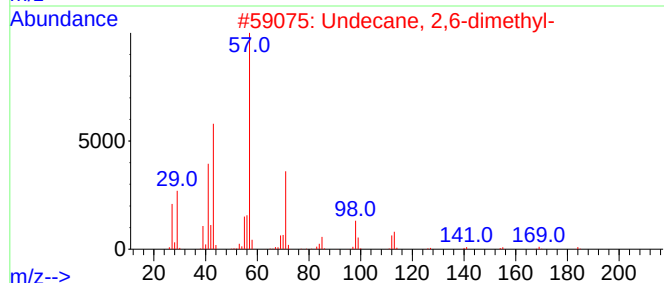
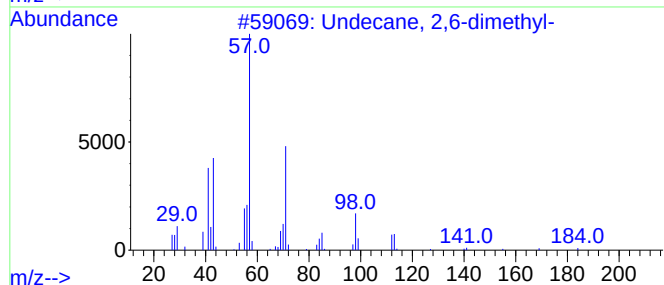
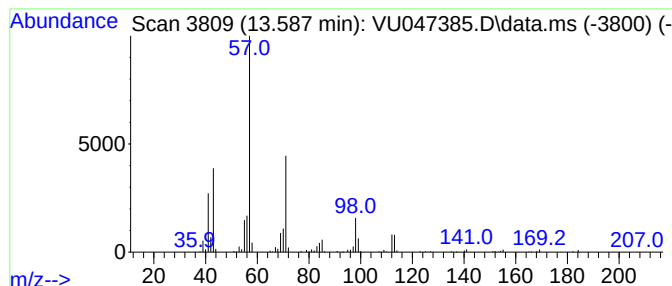
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.587	2.52 ug/L	301758	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, 2,6-dimethyl-		184	C13H28	017301-23-4	94
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	91
4	Dodecane, 6-methyl-		184	C13H28	006044-71-9	76
5	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

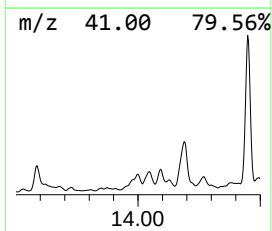
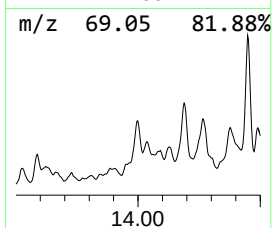
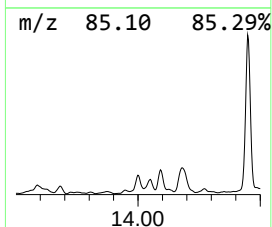
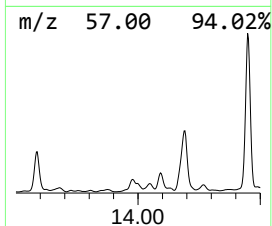
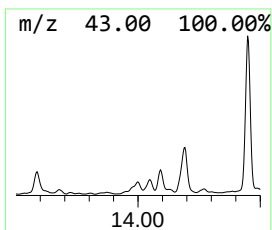
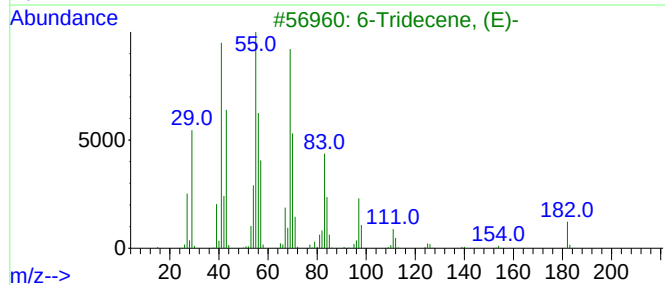
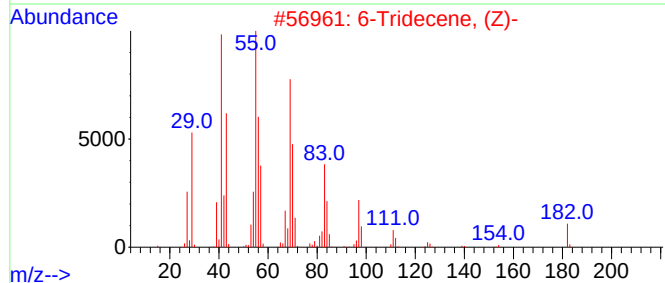
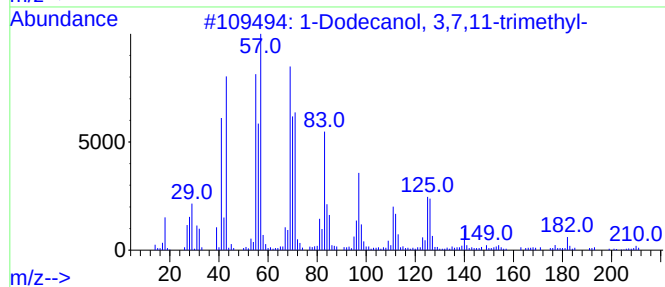
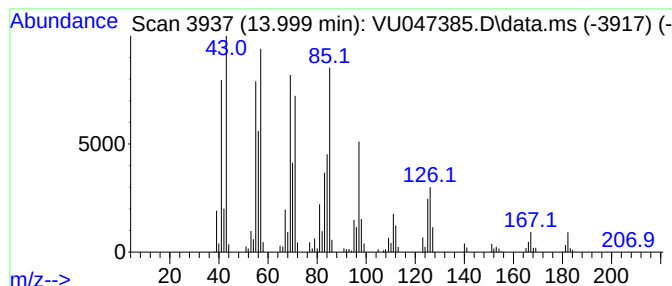
Instrument :
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ClientSampleId :
BFY19DL

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 1-Dodecanol, 3,7,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.999	2.63 ug/L	314802	1,4-Dichlorobenzene-d4			11.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Dodecanol, 3,7,11-trimethyl-		228	C15H32O	006750-34-1	52
2	6-Tridecene, (Z)-		182	C13H26	006508-77-6	50
3	6-Tridecene, (E)-		182	C13H26	006434-76-0	46
4	Cyclohexane, 2-butyl-1,1,3-trime...		182	C13H26	054676-39-0	45
5	Hexyl octyl ether		214	C14H30O	017071-54-4	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

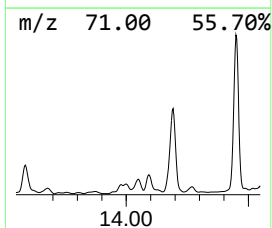
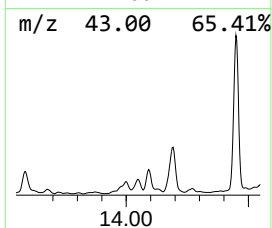
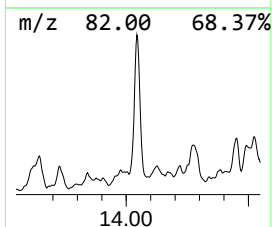
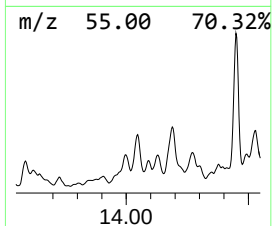
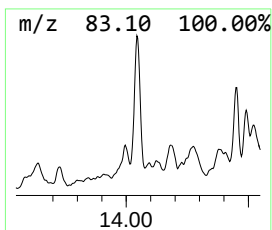
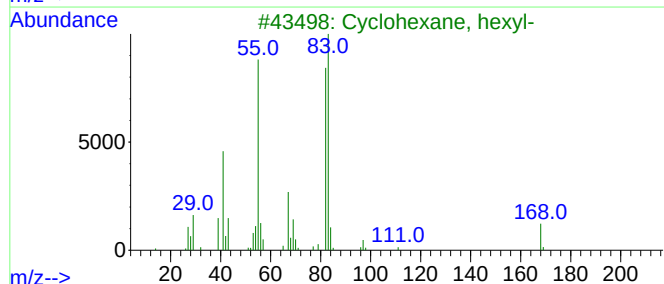
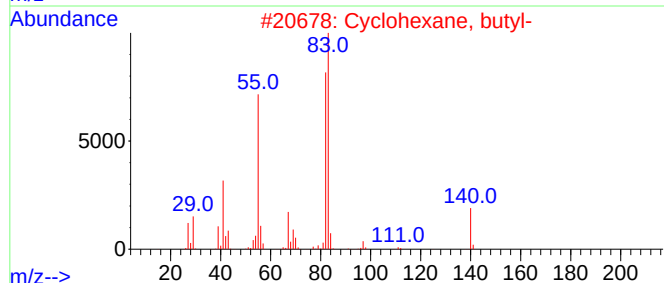
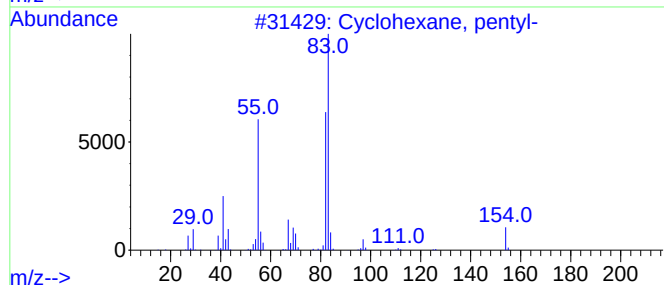
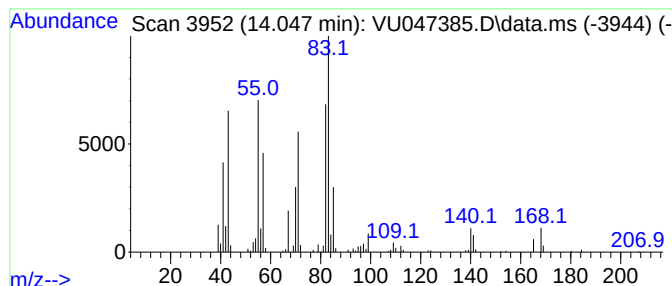
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Quant Title : TRACE VOA SFAM1.0

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	1.44 ug/L	171935	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	55
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

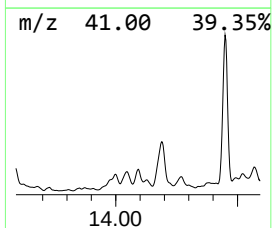
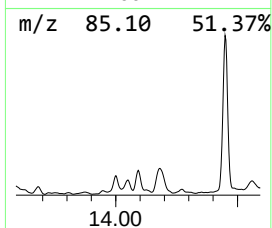
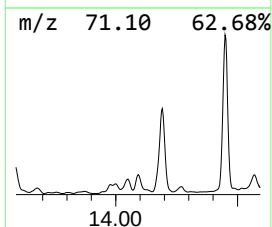
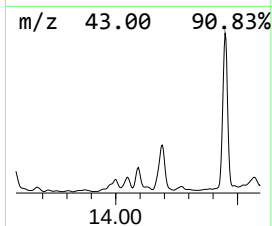
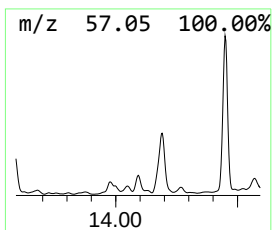
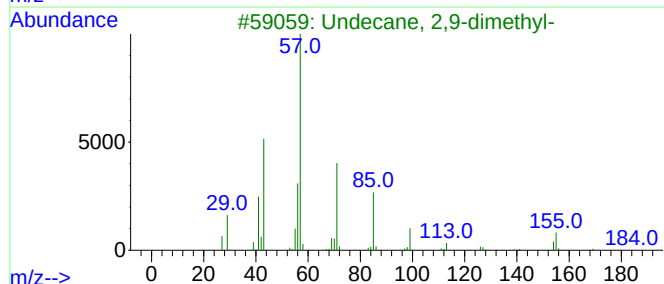
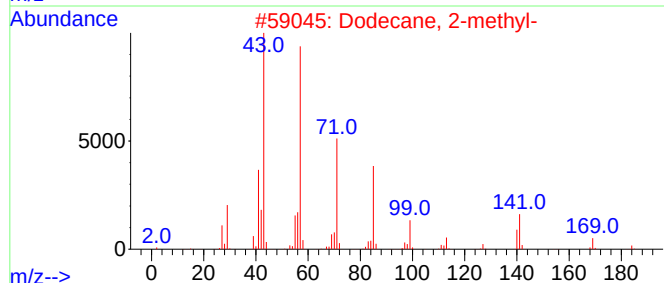
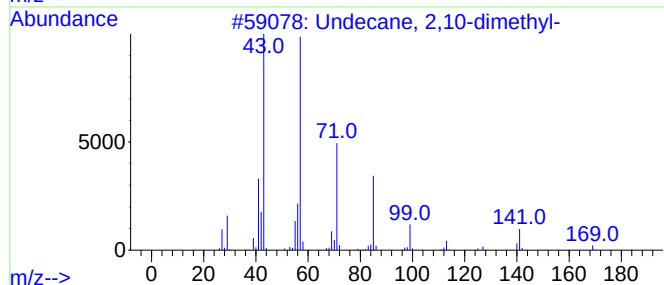
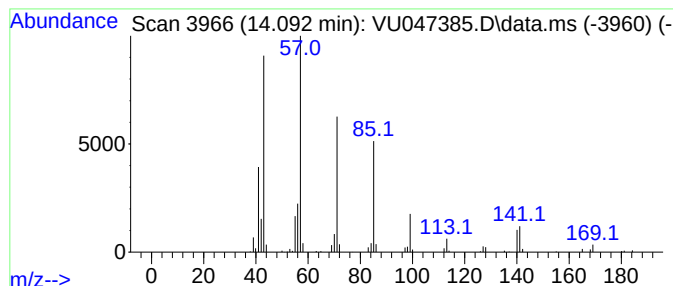
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.092	0.93 ug/L	111446	1,4-Dichlorobenzene-d4		11.816	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	93
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	78
3	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	72
4	Decane, 1-iodo-		268	C10H21I	002050-77-3	59
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-		198	C14H30	007225-67-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

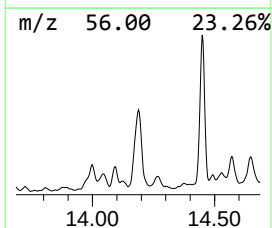
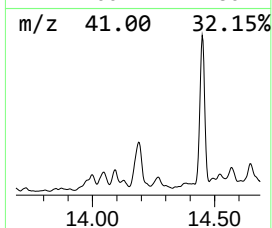
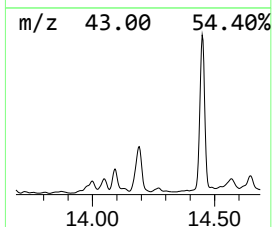
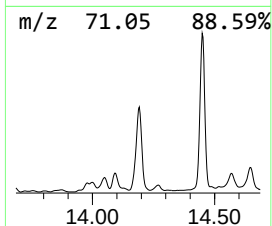
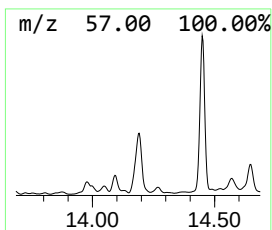
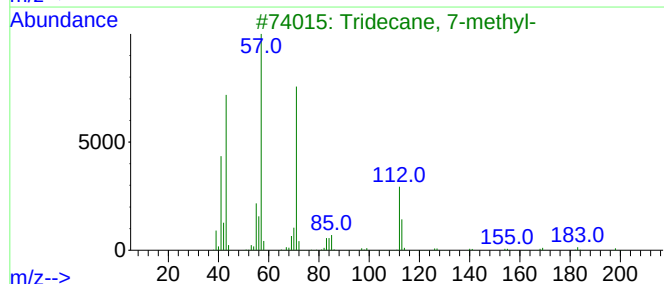
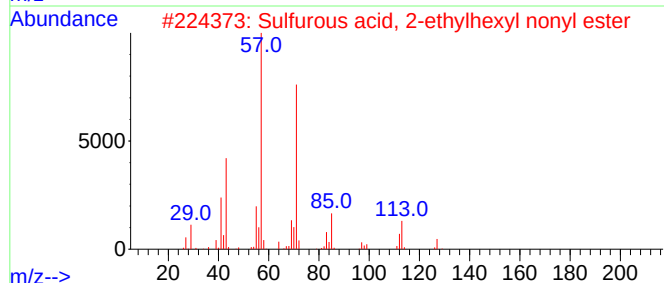
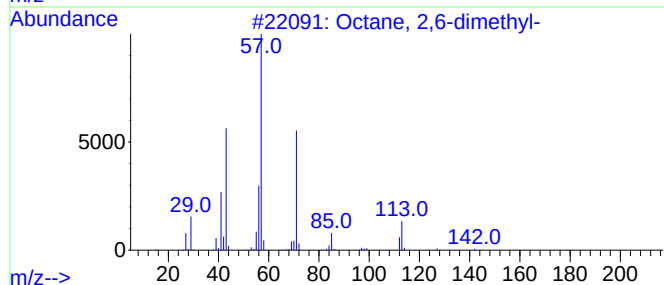
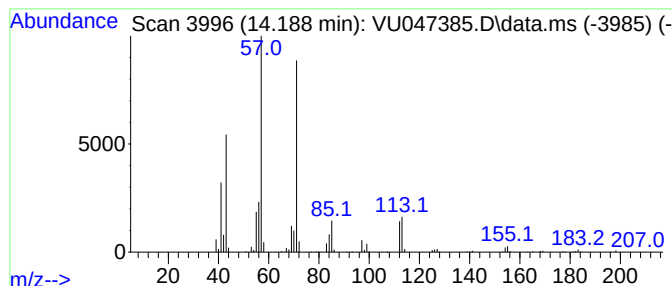
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.188	5.21 ug/L	623360	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, 2-ethylhexyl non...		320	C17H36O3S	1010309-19-2	80
3	Tridecane, 7-methyl-		198	C14H30	026730-14-3	72
4	Oxalic acid, bis(2-ethylhexyl) e...		314	C18H34O4	1000309-39-0	64
5	Sulfurous acid, decyl 2-ethylhex...		334	C18H38O3S	1000309-19-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

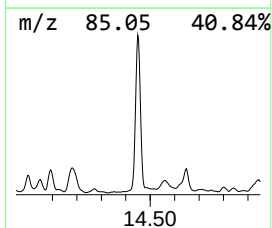
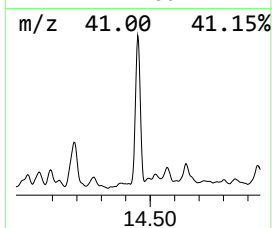
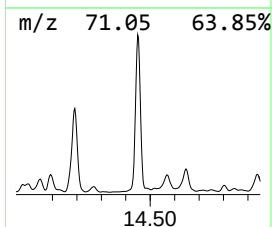
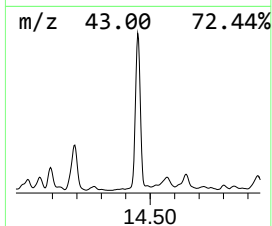
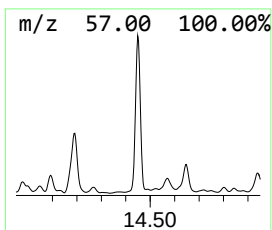
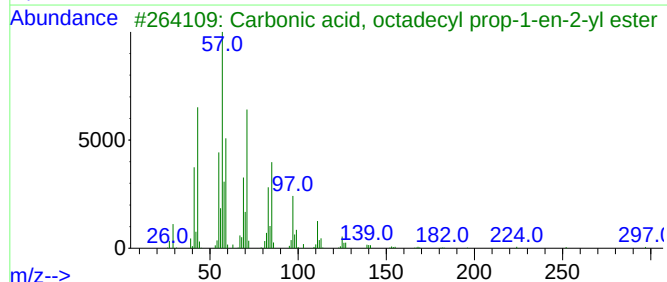
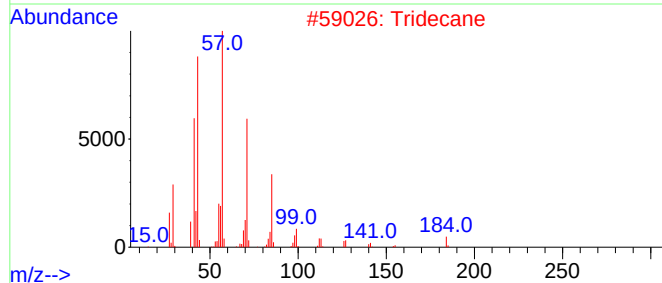
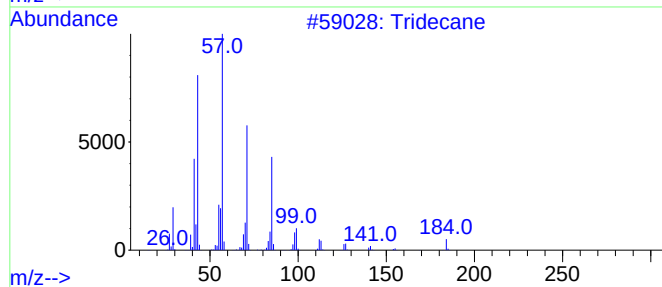
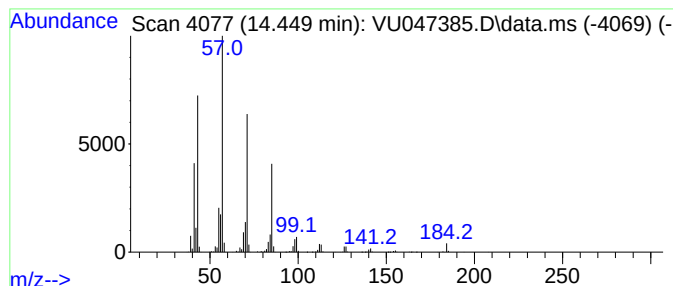
Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.449	10.24 ug/L	1224410	1,4-Dichlorobenzene-d4	11.816	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	94
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5	Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

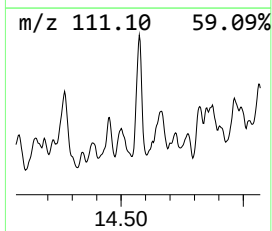
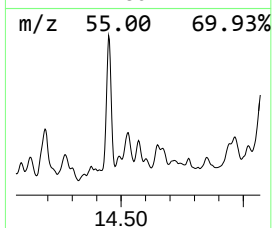
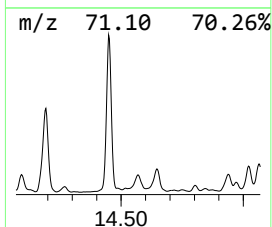
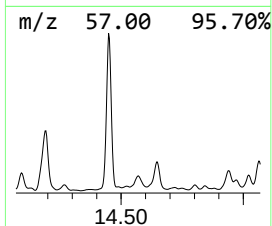
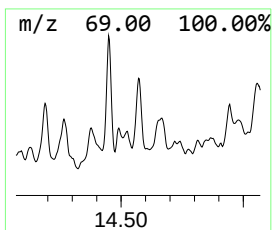
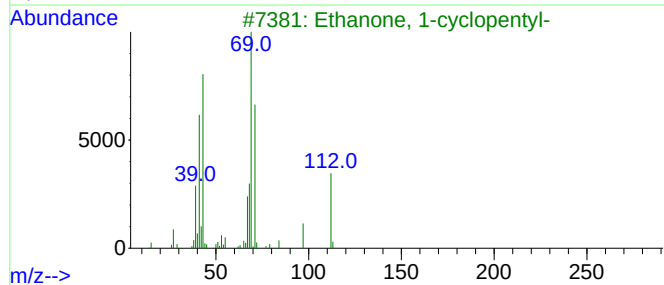
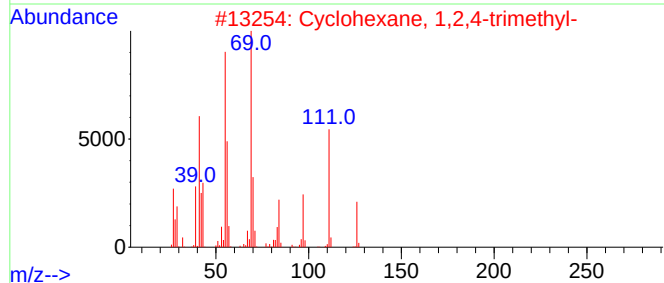
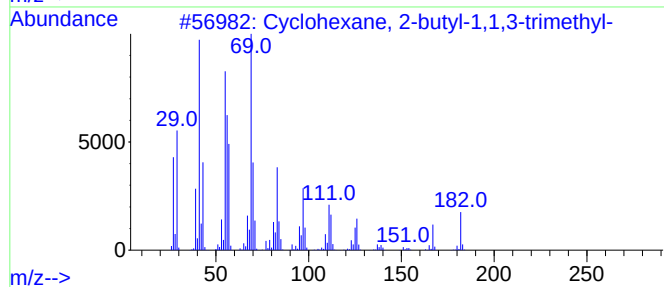
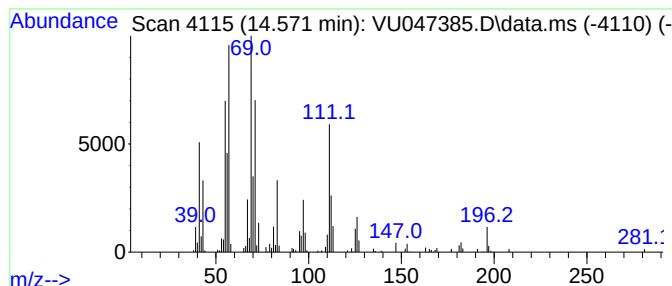
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Cyclic14.571 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.571	1.18 ug/L	141291	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	64
2	Cyclohexane, 1,2,4-trimethyl-		126	C9H18	002234-75-5	62
3	Ethanone, 1-cyclopentyl-		112	C7H12O	006004-60-0	45
4	3-Hexene, 2,5-dimethyl-, (E)-		112	C8H16	000692-70-6	43
5	Cyclooctanemethanol		142	C9H18O	003637-63-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

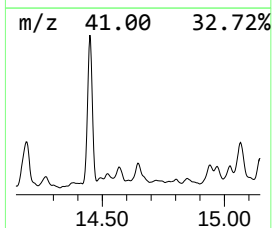
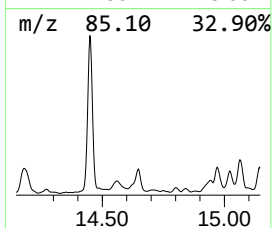
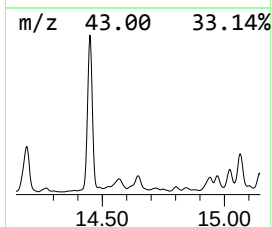
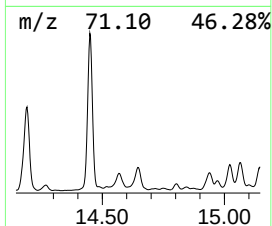
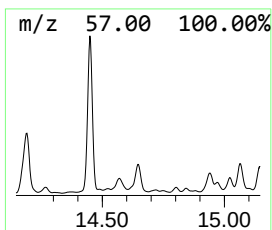
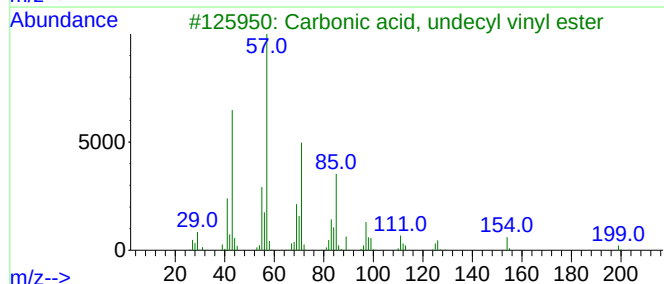
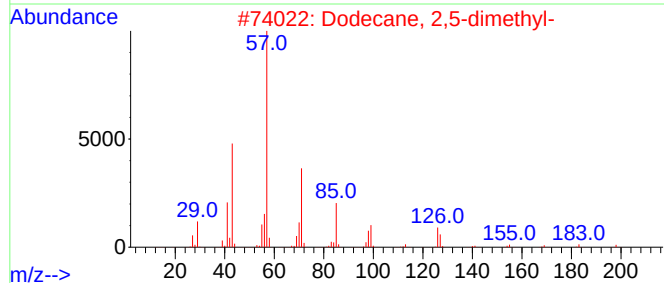
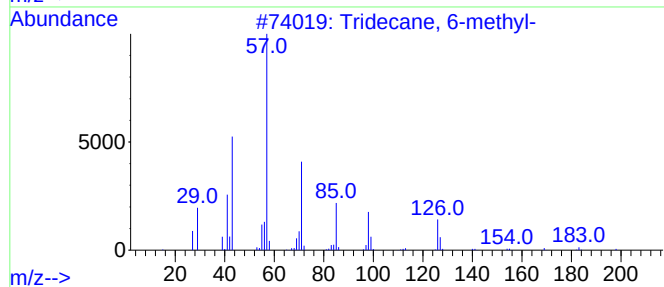
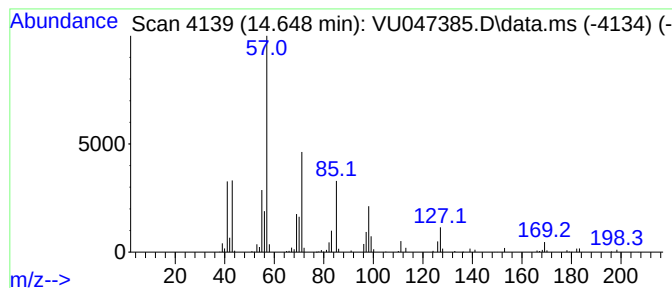
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.648	2.07 ug/L	247218	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	62
3			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	59
4			Heptacosane	380	C27H56	000593-49-7	59
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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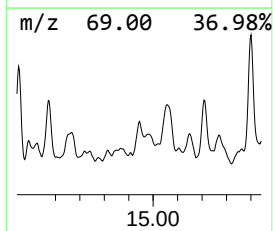
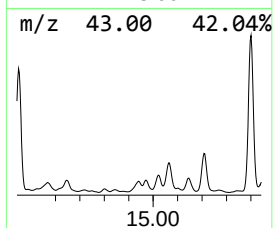
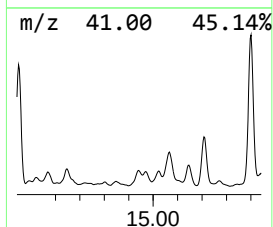
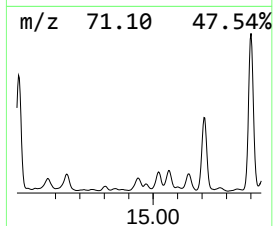
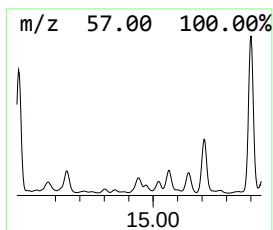
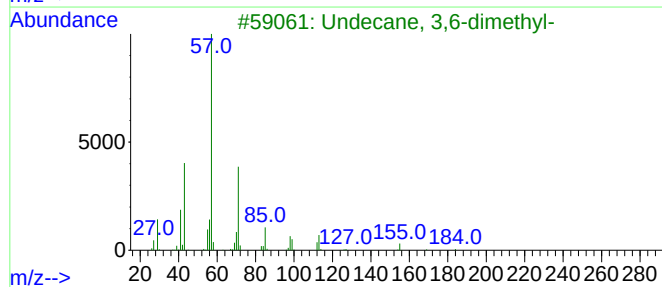
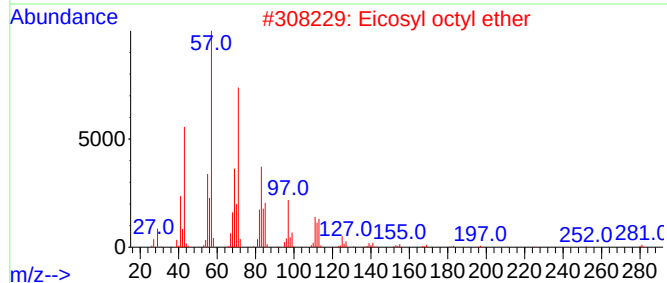
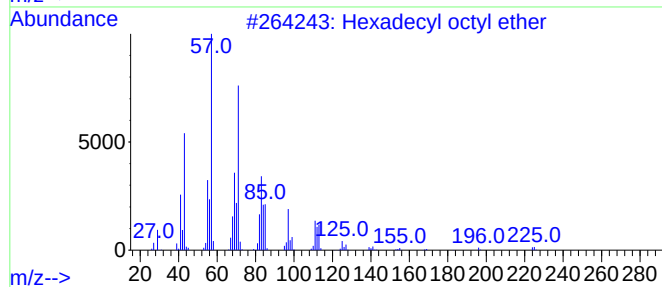
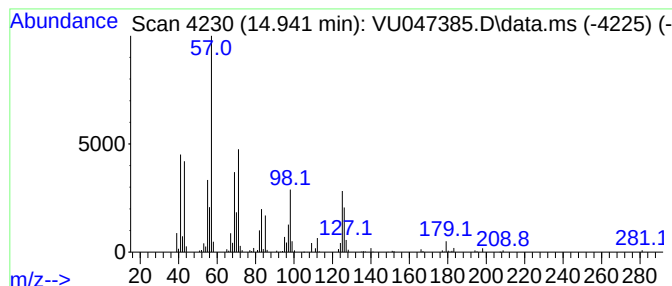
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.941	0.81 ug/L	96382	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	46
2			Eicosyl octyl ether	410	C28H58O	1000406-38-8	43
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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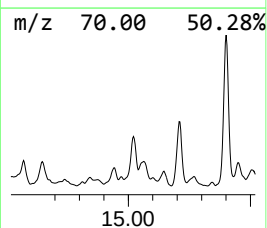
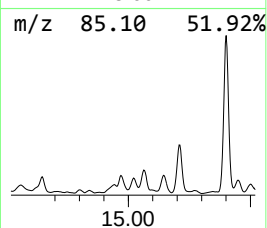
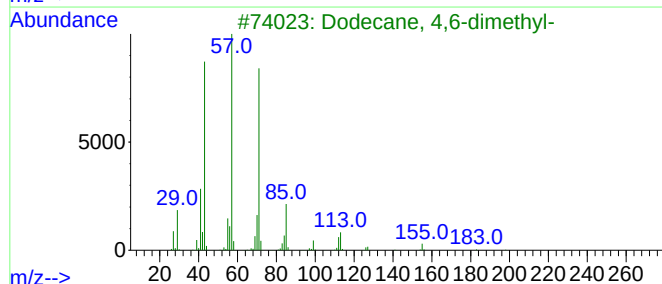
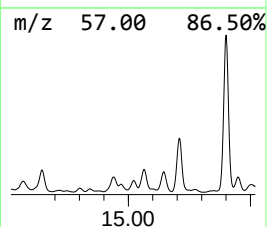
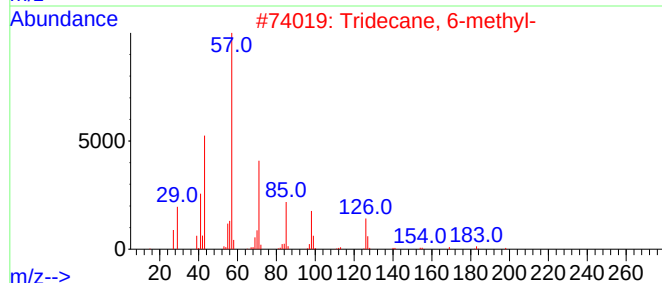
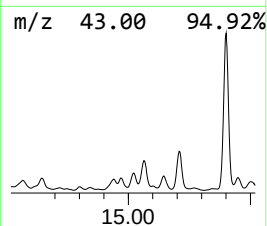
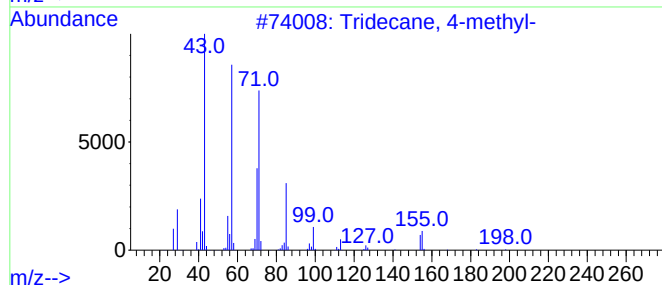
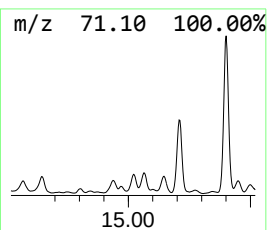
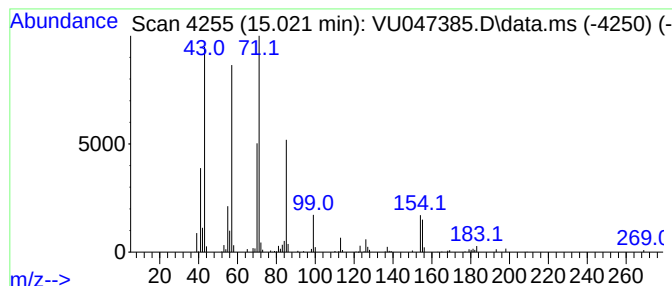
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	0.89 ug/L	106548	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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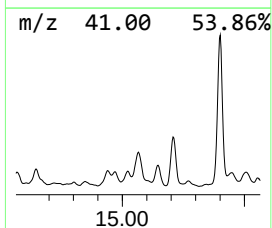
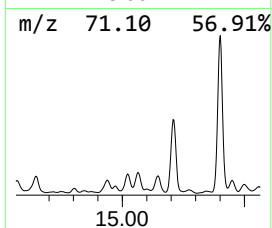
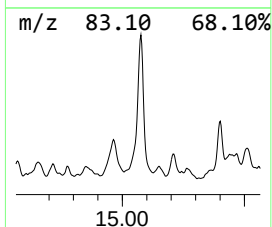
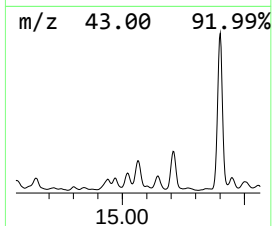
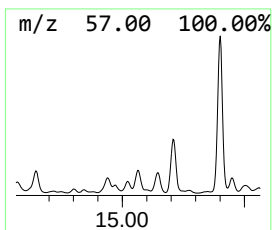
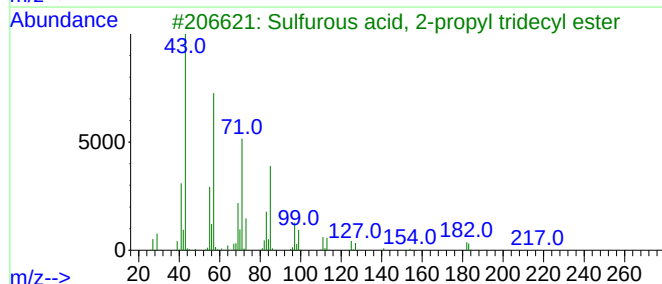
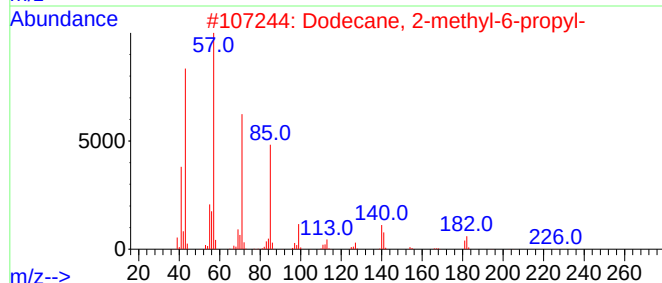
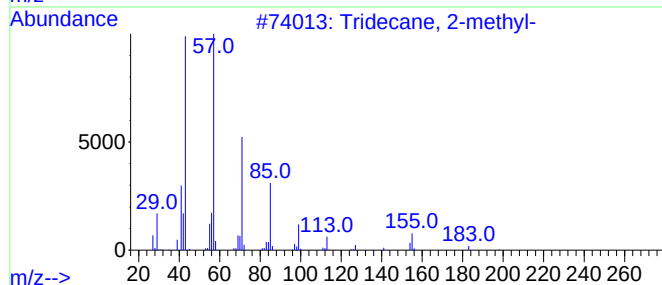
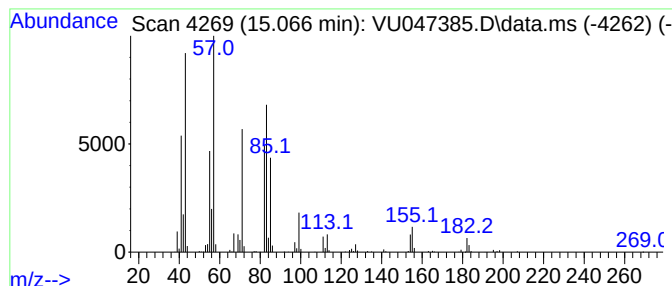
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	3.34 ug/L	399559	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
3		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	47
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	46
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

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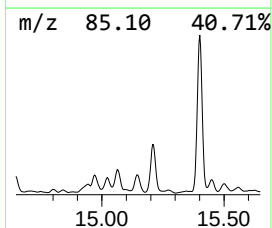
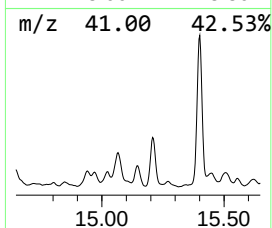
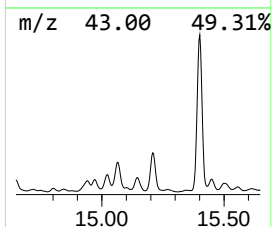
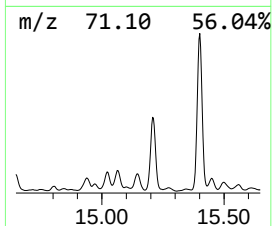
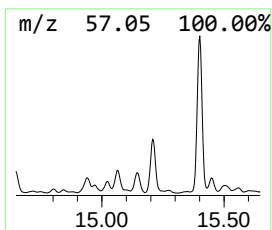
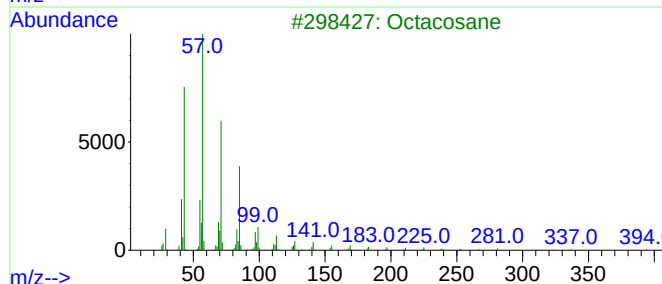
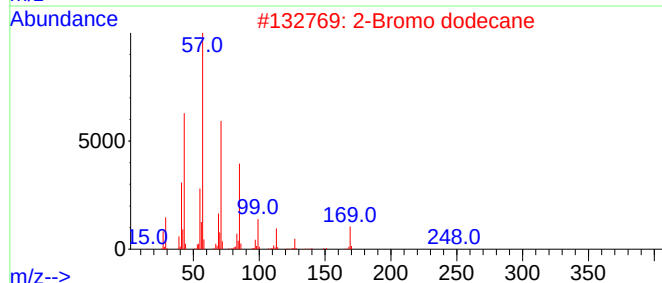
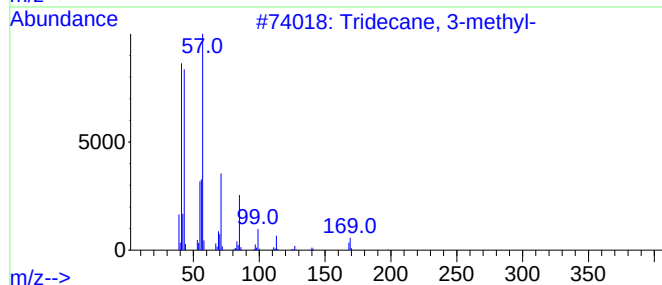
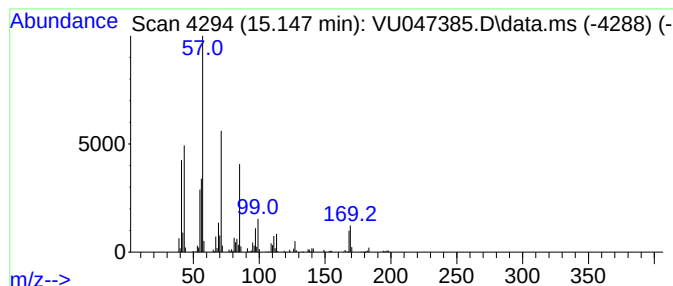
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.147	2.23 ug/L	266305	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3		Octacosane	394	C28H58	000630-02-4	64
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	62
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

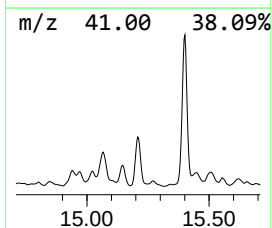
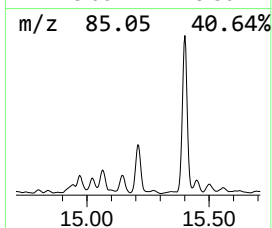
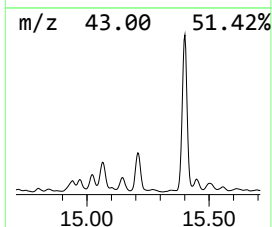
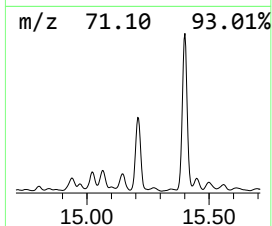
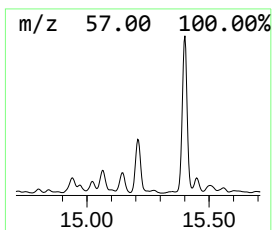
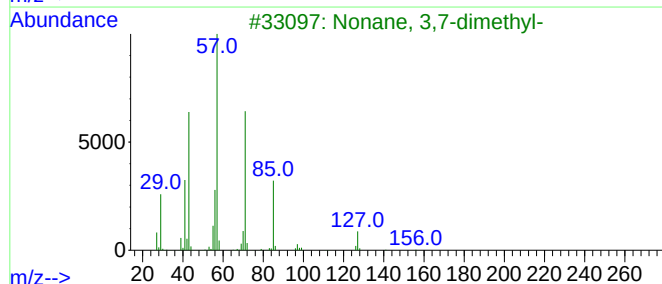
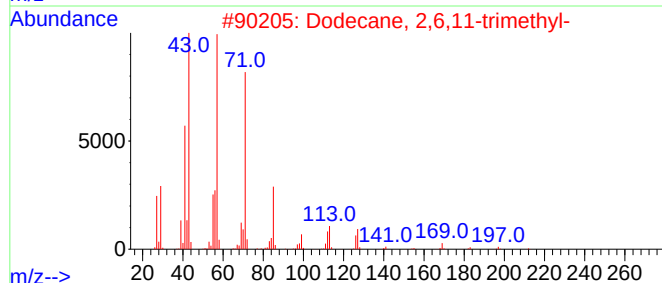
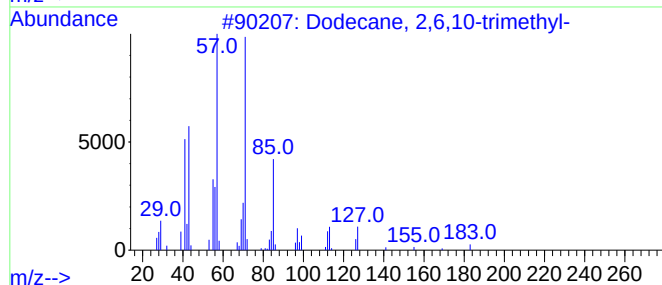
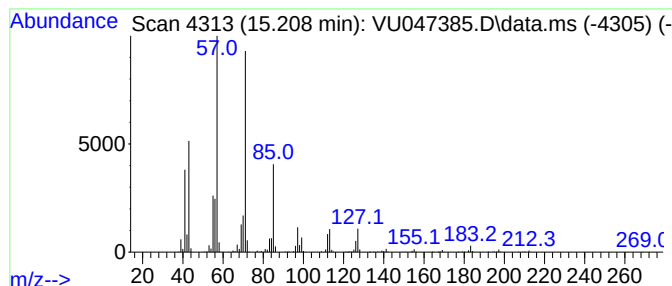
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	5.73 ug/L	685035	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
4		Octane, 2-methyl-	128	C9H20	003221-61-2	81
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

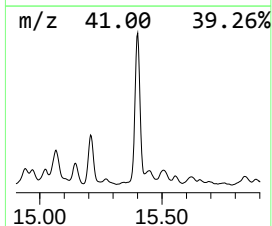
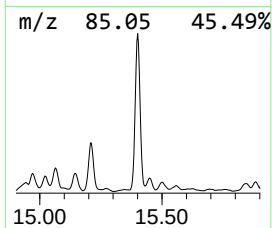
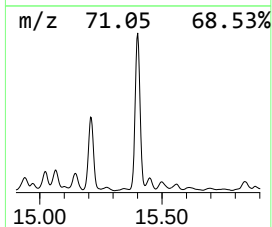
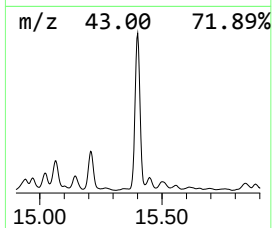
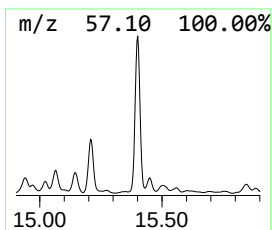
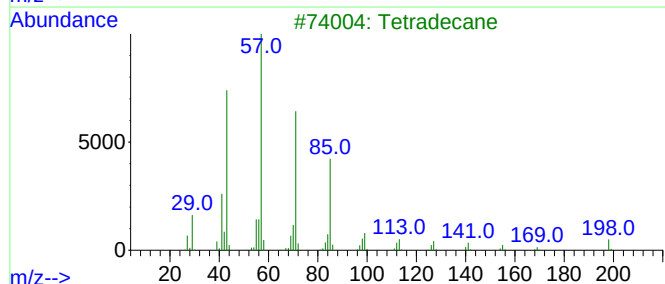
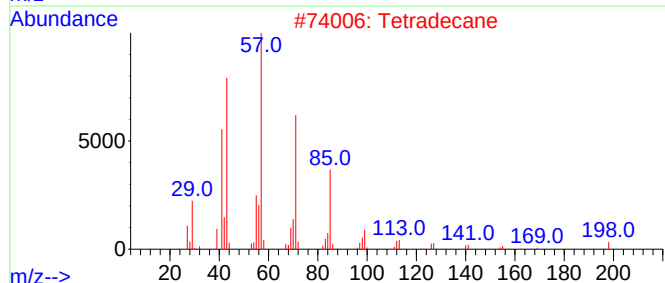
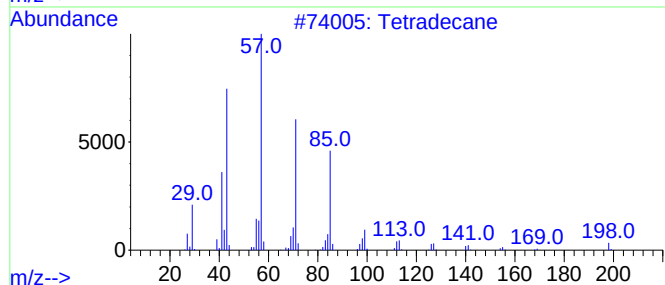
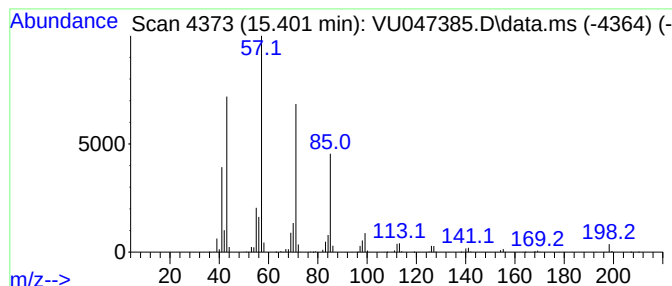
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.401	13.79 ug/L	1648690	1,4-Dichlorobenzene-d4	11.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	97
3			Tetradecane	198	C14H30	000629-59-4	91
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

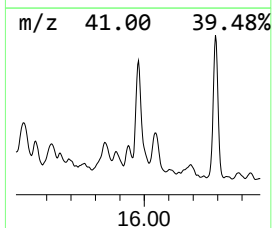
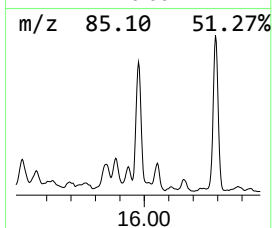
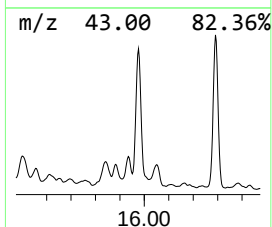
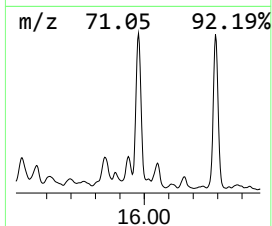
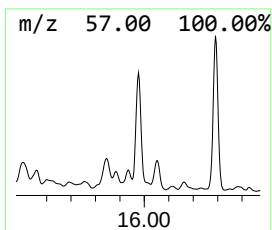
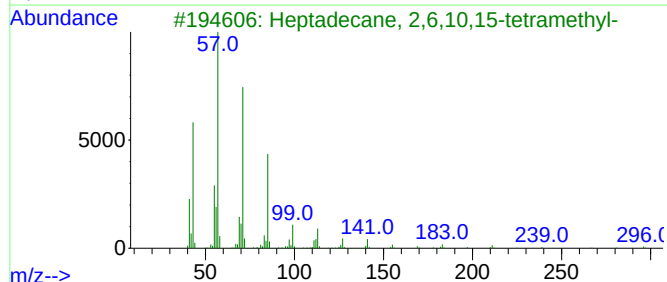
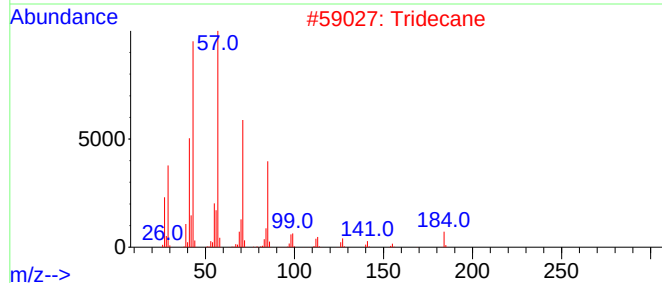
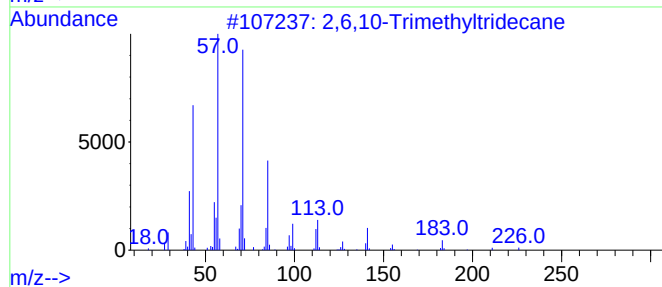
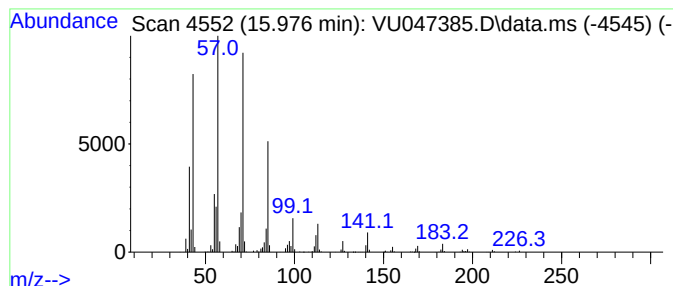
Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

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 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.976	4.08 ug/L	488083	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	90
2	Tridecane		184	C13H28	000629-50-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	90
4	Decane, 5-propyl-		184	C13H28	017312-62-8	87
5	Carbonic acid, eicosyl vinyl ester		368	C23H44O3	1000382-54-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

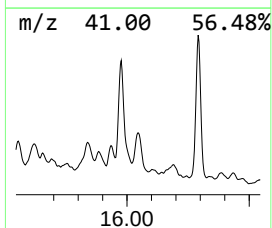
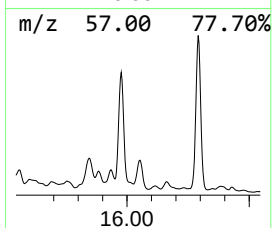
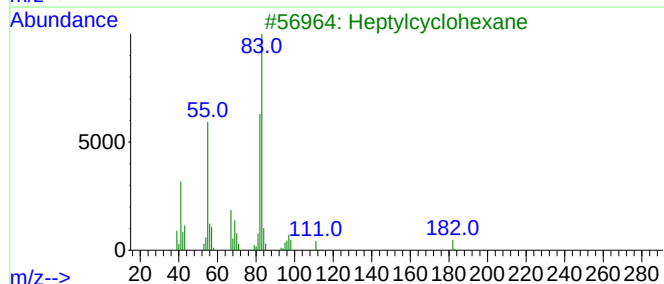
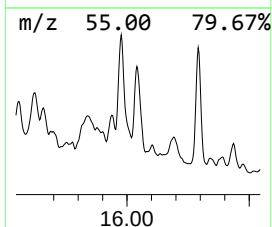
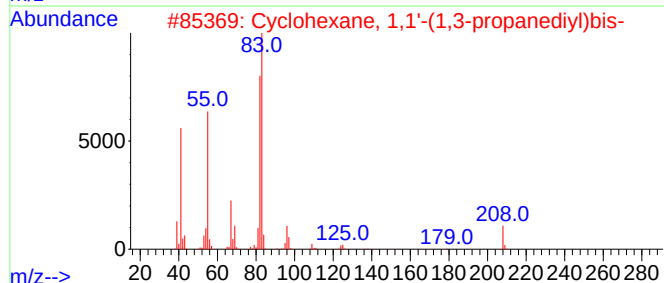
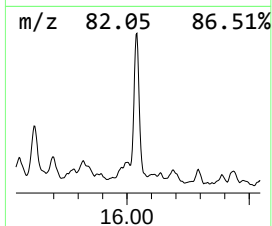
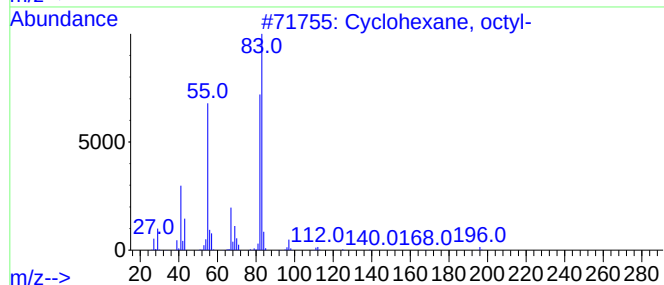
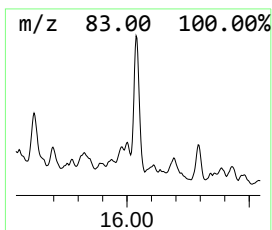
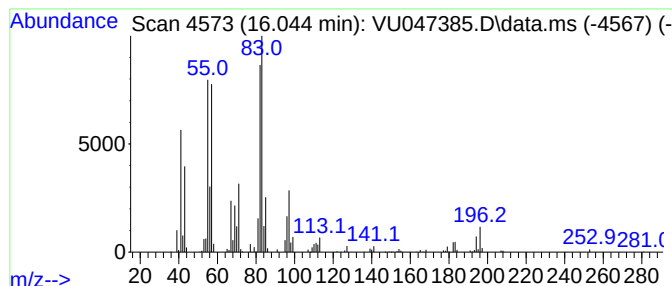
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Cyclic16.044 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.044	1.76 ug/L	210667	1,4-Dichlorobenzene-d4			11.816
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-		196	C14H28	001795-15-9	76
2	Cyclohexane, 1,1'-(1,3-propanedi...		208	C15H28	003178-24-3	76
3	Heptylcyclohexane		182	C13H26	005617-41-4	70
4	Cyclohexane, octyl-		196	C14H28	001795-15-9	64
5	Cyclohexane, (4-methylpentyl)-		168	C12H24	061142-20-9	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
Data File : VU047385.D
Acq On : 08 Mar 2022 12:42
Operator : SY/MD
Sample : N1773-12DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY19DL

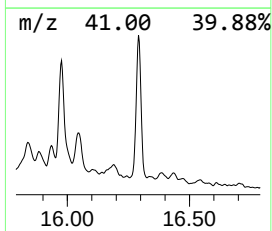
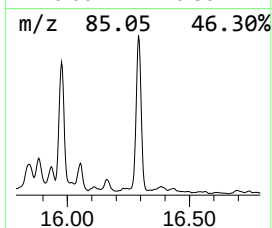
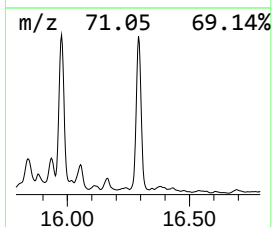
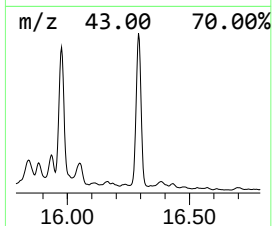
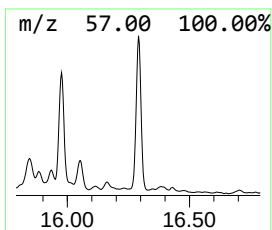
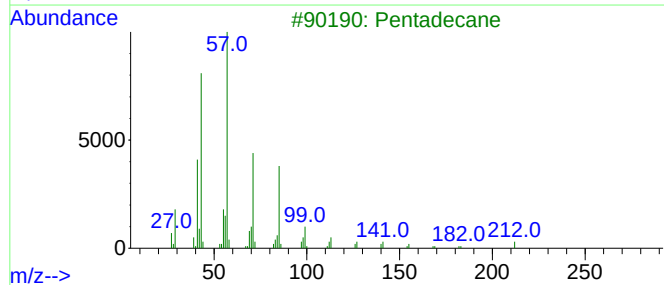
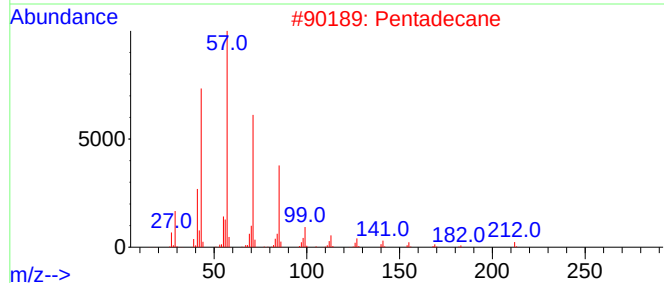
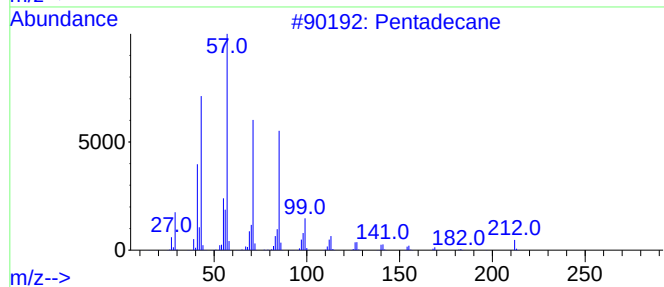
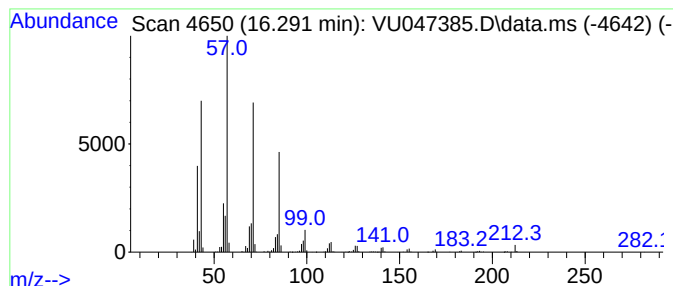
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	4.33 ug/L	517684	1,4-Dichlorobenzene-d4	11.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	97
2		Pentadecane	212	C15H32	000629-62-9	93
3		Pentadecane	212	C15H32	000629-62-9	91
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047385.D
 Acq On : 08 Mar 2022 12:42
 Operator : SY/MD
 Sample : N1773-12DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY19DL

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...	1.363	0.7	ug/L	58756	1	6.250	408761	5.0
Hexanal	8.793	0.8	ug/L	85721	2	9.420	523316	5.0
1-Decanol, 2-et...	11.693	0.8	ug/L	99462	3	11.816	597858	5.0
(DEL) Alkane: S...	13.430	3.0	ug/L	364397	3	11.816	597858	5.0
(DEL) Alkane: S...	13.587	2.5	ug/L	301758	3	11.816	597858	5.0
1-Dodecanol, 3,...	13.999	2.6	ug/L	314802	3	11.816	597858	5.0
(DEL) Alkane: C...	14.047	1.4	ug/L	171935	3	11.816	597858	5.0
(DEL) Alkane: S...	14.092	0.9	ug/L	111446	3	11.816	597858	5.0
(DEL) Alkane: S...	14.188	5.2	ug/L	623360	3	11.816	597858	5.0
(DEL) Alkane: S...	14.449	10.2	ug/L	1224410	3	11.816	597858	5.0
(DEL) Alkane: C...	14.571	1.2	ug/L	141291	3	11.816	597858	5.0
(DEL) Alkane: S...	14.648	2.1	ug/L	247218	3	11.816	597858	5.0
unknown-01	14.941	0.8	ug/L	96382	3	11.816	597858	5.0
(DEL) Alkane: S...	15.021	0.9	ug/L	106548	3	11.816	597858	5.0
(DEL) Alkane: S...	15.066	3.3	ug/L	399559	3	11.816	597858	5.0
(DEL) Alkane: S...	15.147	2.2	ug/L	266305	3	11.816	597858	5.0
(DEL) Alkane: S...	15.208	5.7	ug/L	685035	3	11.816	597858	5.0
(DEL) Alkane: S...	15.401	13.8	ug/L	1648690	3	11.816	597858	5.0
(DEL) Alkane: S...	15.976	4.1	ug/L	488083	3	11.816	597858	5.0
(DEL) Alkane: C...	16.044	1.8	ug/L	210667	3	11.816	597858	5.0
(DEL) Alkane: S...	16.291	4.3	ug/L	517684	3	11.816	597858	5.0