

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025385.D
 Acq On : 07 Apr 2022 14:52
 Operator : SY/MD
 Sample : N2261-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY46

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_V\Method\SFAMVTR032622WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	14	20	36	rVB	109035	101010	1.08%	0.163%
2	1.298	71	80	92	rBV2	333395	355706	3.79%	0.573%
3	1.561	154	162	174	rBV	177924	198784	2.12%	0.320%
4	2.102	319	330	352	rVB2	392190	589701	6.29%	0.950%
5	3.182	655	666	684	rVB2	50381	104842	1.12%	0.169%
6	3.960	880	908	943	rBV2	68880	349183	3.72%	0.563%
7	4.343	1012	1027	1051	rVB	218152	549505	5.86%	0.885%
8	5.034	1227	1242	1269	rVB2	354263	801937	8.55%	1.292%
9	5.609	1407	1421	1449	rBV	314793	620453	6.62%	1.000%
10	6.069	1549	1564	1583	rBV	167323	334109	3.56%	0.538%
11	6.986	1837	1849	1868	rBV	78464	143869	1.53%	0.232%
12	7.310	1938	1950	1969	rBV	386153	664461	7.09%	1.070%
13	8.104	2184	2197	2229	rBV	226492	466075	4.97%	0.751%
14	8.243	2229	2240	2264	rBV	404153	672334	7.17%	1.083%
15	8.850	2414	2429	2448	rBV	437026	712782	7.60%	1.148%
16	9.809	2717	2727	2751	rBV3	99861	168377	1.80%	0.271%
17	10.124	2805	2825	2836	rBV	156312	245780	2.62%	0.396%
18	10.217	2844	2854	2863	rBV	103837	168980	1.80%	0.272%
19	10.574	2951	2965	2971	rBV2	55564	104474	1.11%	0.168%
20	10.911	3061	3070	3094	rVB	300429	484586	5.17%	0.781%
21	11.030	3096	3107	3121	rBV	121392	204271	2.18%	0.329%
22	11.146	3131	3143	3153	rBV2	697600	1092822	11.66%	1.760%
23	11.246	3165	3174	3189	rBV	463035	746193	7.96%	1.202%
24	11.320	3189	3197	3206	rVV2	78296	113586	1.21%	0.183%
25	11.387	3207	3218	3223	rVV	298081	486167	5.19%	0.783%
26	11.426	3224	3230	3239	rVB	347787	511985	5.46%	0.825%
27	11.567	3258	3274	3279	rBV4	56526	113849	1.21%	0.183%
28	11.619	3279	3290	3301	rVB4	515686	874979	9.33%	1.410%
29	11.783	3331	3341	3349	rBV3	109459	180738	1.93%	0.291%
30	11.847	3356	3361	3374	rVB3	69150	129557	1.38%	0.209%
31	12.259	3478	3489	3499	rBV3	281603	462307	4.93%	0.745%
32	12.342	3506	3515	3529	rBV2	515451	979389	10.45%	1.578%
33	12.468	3545	3554	3560	rBV3	401490	636093	6.78%	1.025%
34	12.503	3561	3565	3572	rVV2	202955	252504	2.69%	0.407%
35	12.545	3573	3578	3585	rVV4	93586	157874	1.68%	0.254%
36	12.590	3586	3592	3600	rVV	200741	300191	3.20%	0.484%

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37	12.635	3601	3606	3618	rVB4	96455	178305	1.90%	0.287%
38	12.722	3626	3633	3644	rVB3	243442	386610	4.12%	0.623%
39	12.799	3648	3657	3667	rBV4	222616	396149	4.23%	0.638%
40	12.886	3670	3684	3700	rBV3	2121311	4102675	43.76%	6.609%
41	13.037	3718	3731	3749	rBV3	1915715	4556038	48.60%	7.340%
42	13.210	3780	3785	3792	rBV5	156334	188537	2.01%	0.304%
43	13.262	3795	3801	3812	rBV5	319060	593218	6.33%	0.956%
44	13.429	3847	3853	3862	rBV5	504844	1094261	11.67%	1.763%
45	13.477	3864	3868	3880	rVB4	938896	1493781	15.93%	2.406%
46	13.542	3881	3888	3906	rVB4	1414076	2745892	29.29%	4.424%
47	13.641	3907	3919	3929	rBV2	2539368	5207117	55.54%	8.388%
48	13.902	3991	4000	4014	rBV	6540606	9375255	100.00%	15.103%
49	14.091	4052	4059	4068	rVB5	1207536	1883834	20.09%	3.035%
50	14.371	4139	4146	4156	rBV3	1024479	1886239	20.12%	3.039%
51	14.506	4183	4188	4200	rVB2	1654705	2474554	26.39%	3.986%
52	14.651	4226	4233	4242	rVB	2003151	2709133	28.90%	4.364%
53	14.844	4285	4293	4302	rVB	4481609	5954031	63.51%	9.592%
54	14.895	4304	4309	4316	rVV4	429244	533208	5.69%	0.859%
55	15.416	4465	4471	4478	rVB2	328196	433511	4.62%	0.698%
56	15.590	4519	4525	4539	rVB4	273213	488391	5.21%	0.787%
57	15.731	4563	4569	4581	rVB	221261	314775	3.36%	0.507%

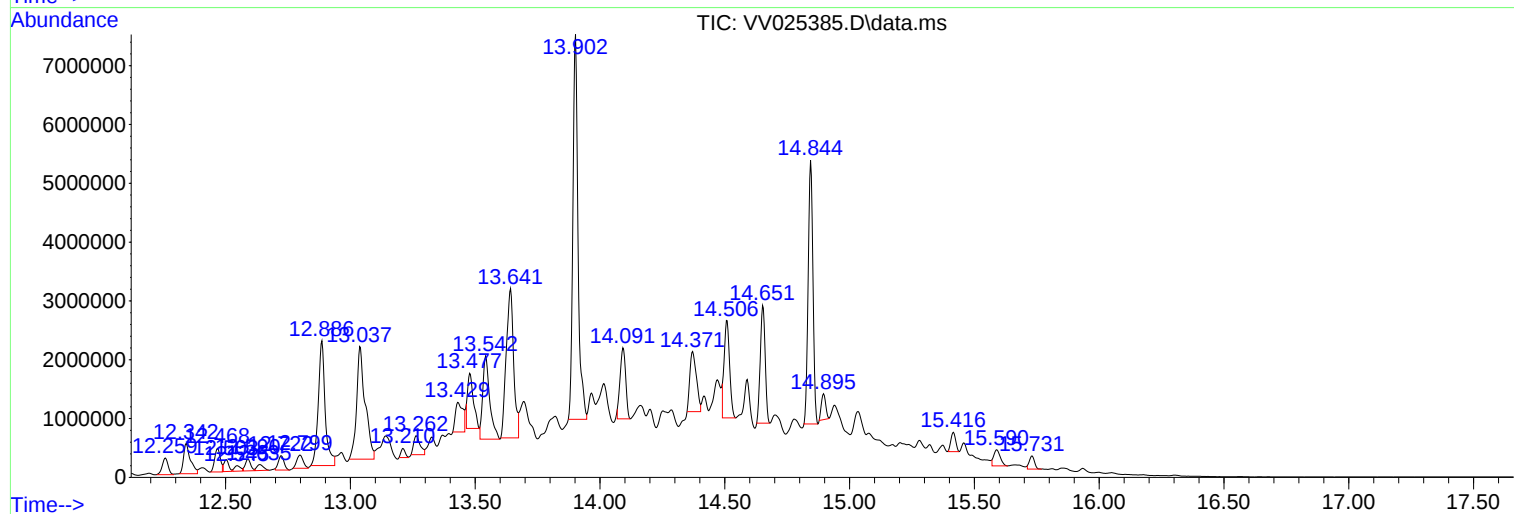
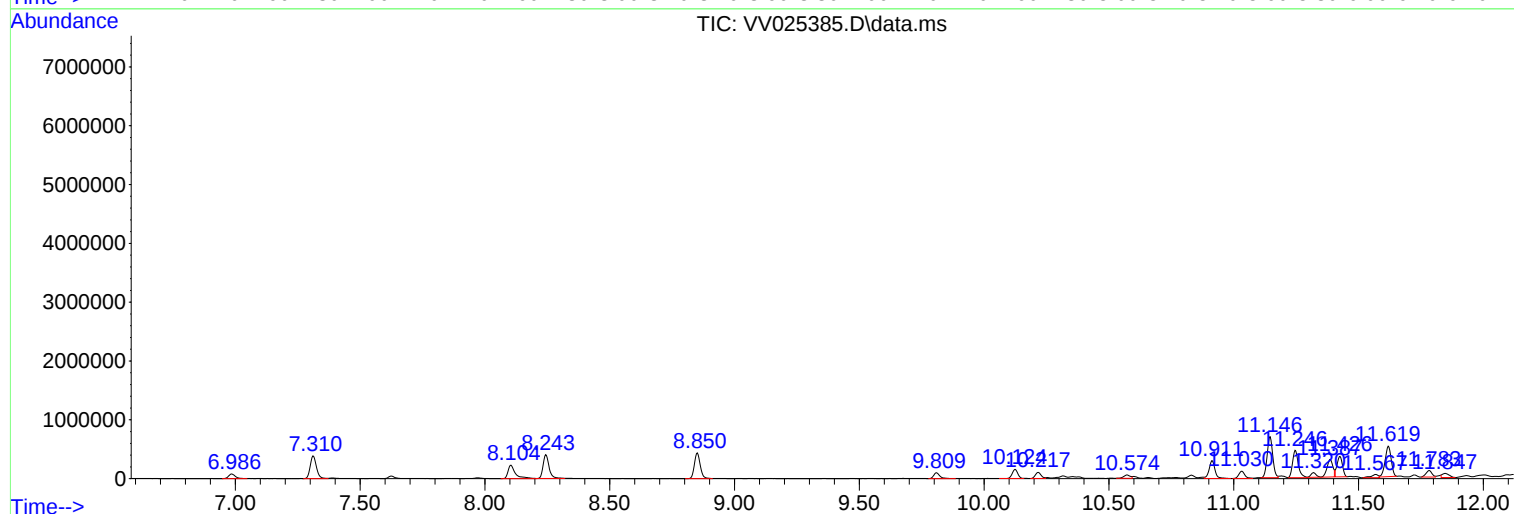
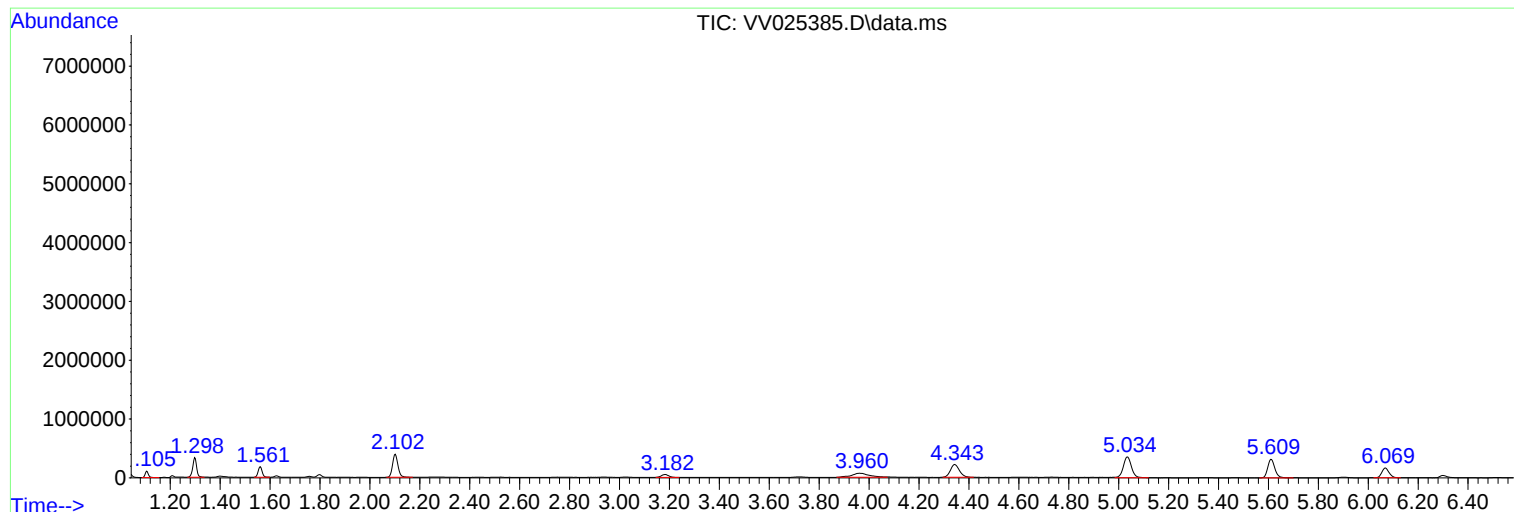
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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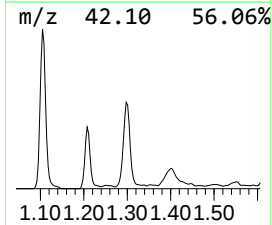
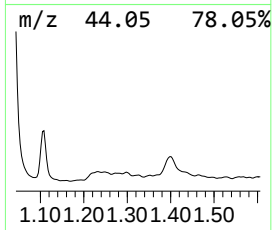
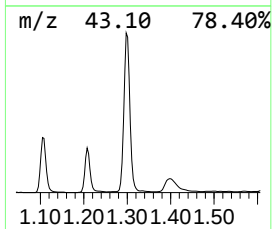
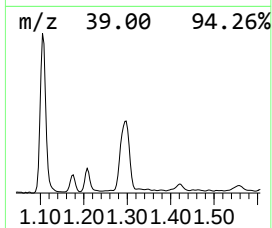
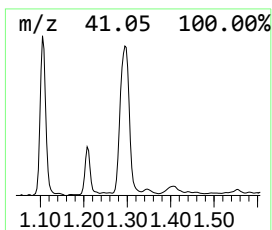
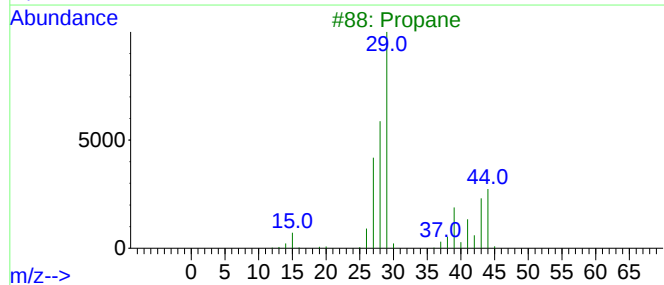
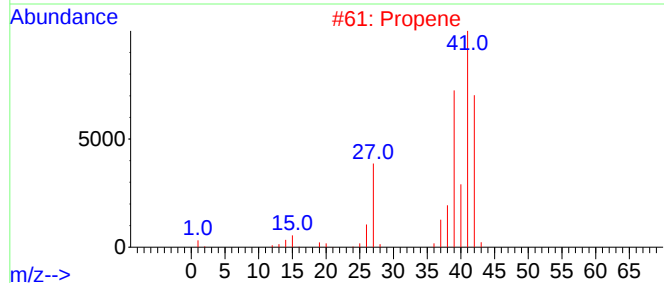
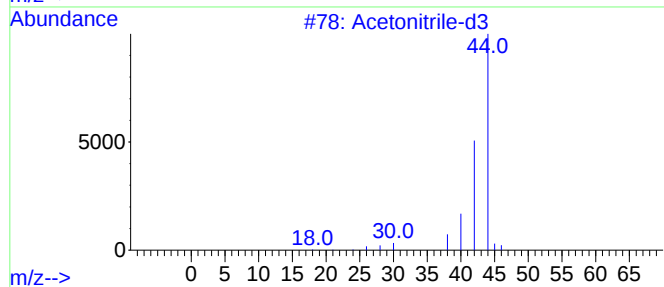
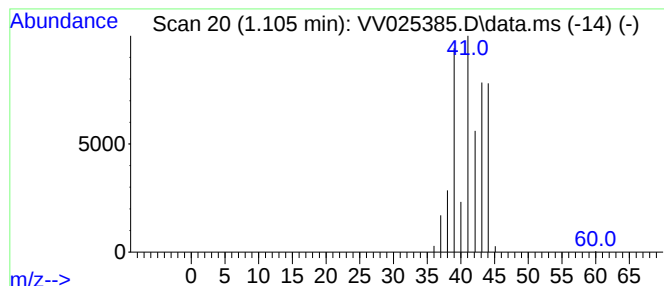
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.105	0.81 ug/L	101010	1,4-Difluorobenzene	5.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile-d3	44	C2D3N	002206-26-0	7
2			Propene	42	C3H6	000115-07-1	7
3			Propane	44	C3H8	000074-98-6	5
4			2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5			Cyclopropane	42	C3H6	000075-19-4	4



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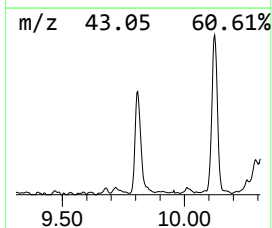
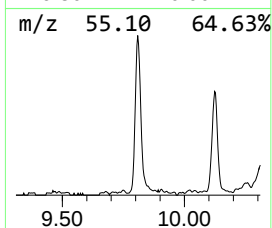
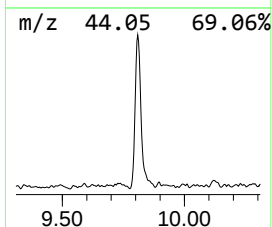
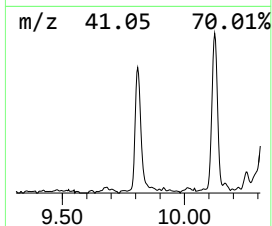
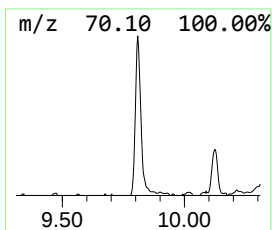
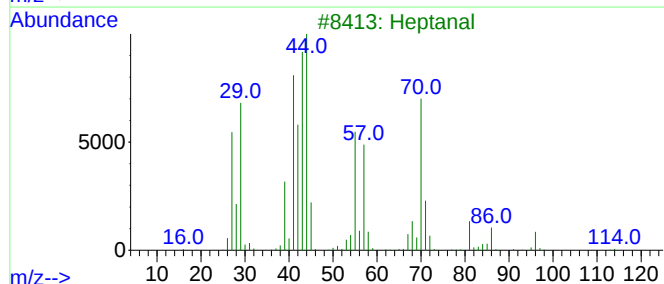
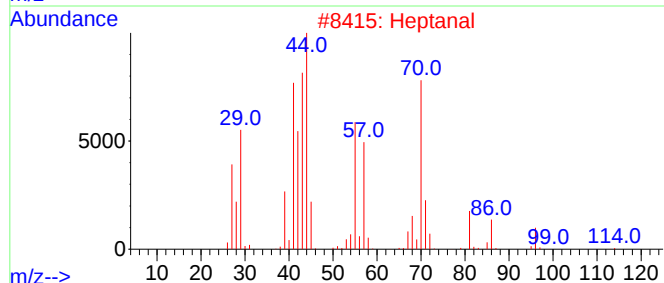
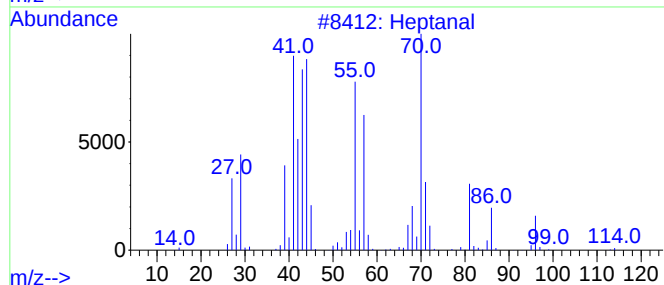
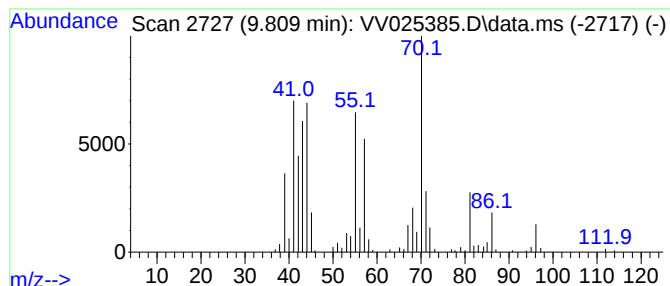
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Heptanal Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	1.18 ug/L	168377	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	98
2	Heptanal			114	C7H14O	000111-71-7	94
3	Heptanal			114	C7H14O	000111-71-7	93
4	Heptanal			114	C7H14O	000111-71-7	64
5	Heptanal			114	C7H14O	000111-71-7	49



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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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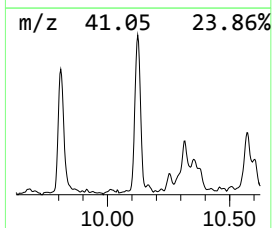
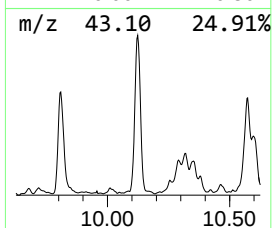
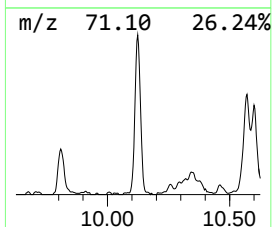
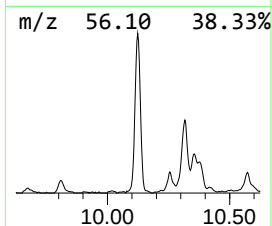
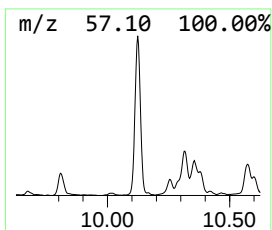
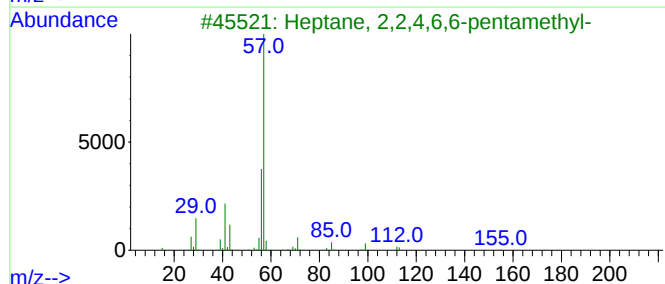
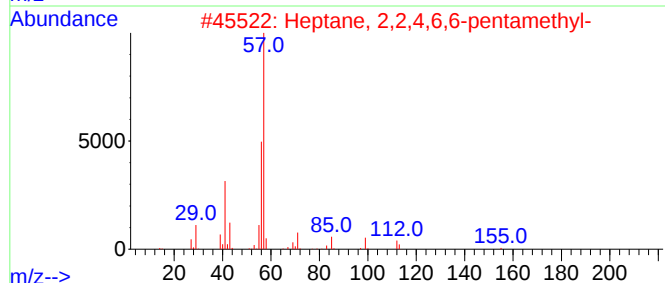
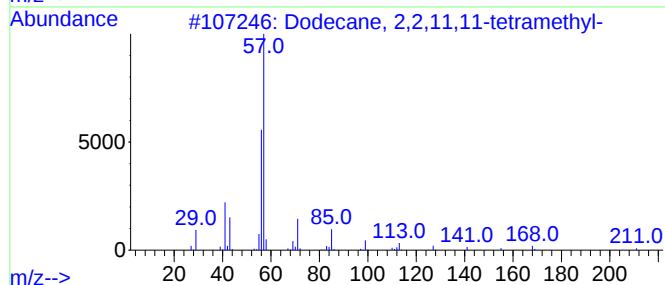
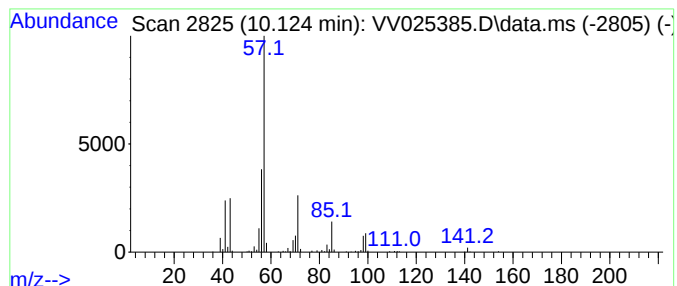
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.124	1.65 ug/L	245780	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
5			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	53



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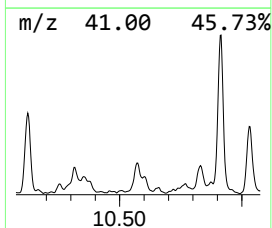
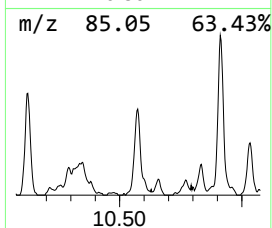
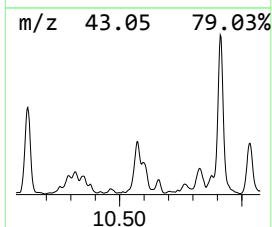
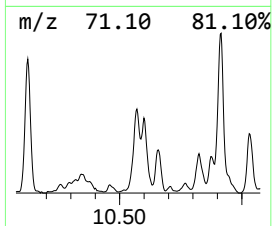
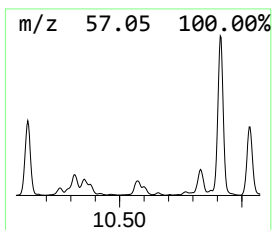
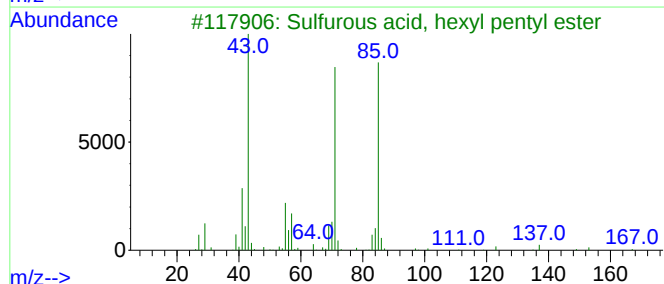
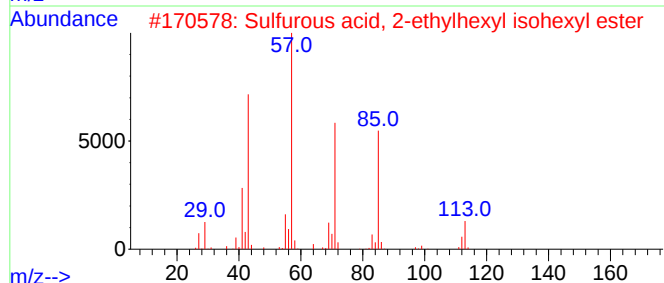
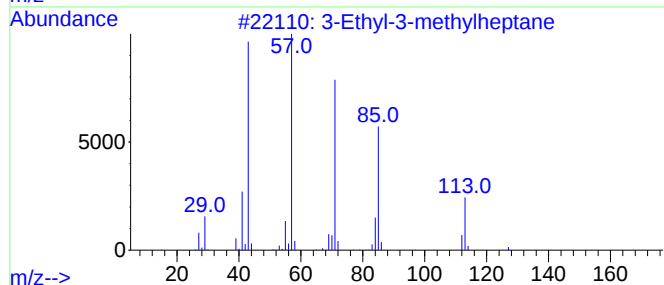
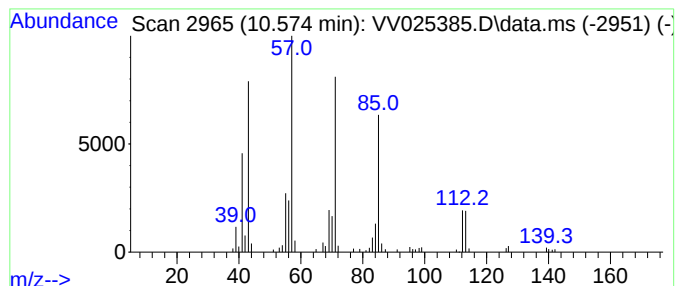
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.574	0.70 ug/L	104474	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
4			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	50
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	47



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ClientSampleId :
BFY46

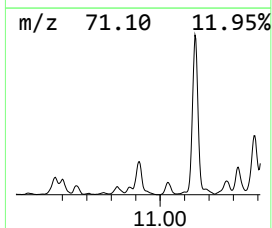
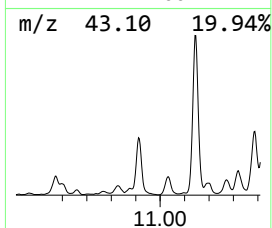
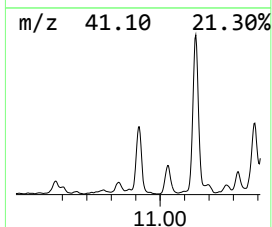
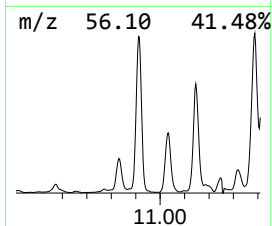
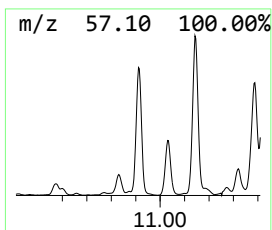
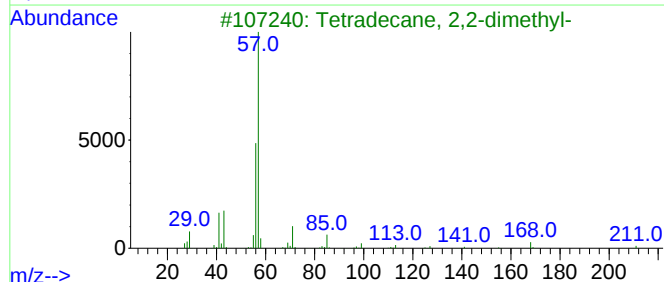
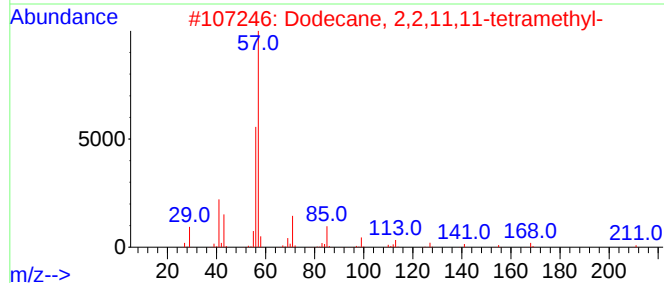
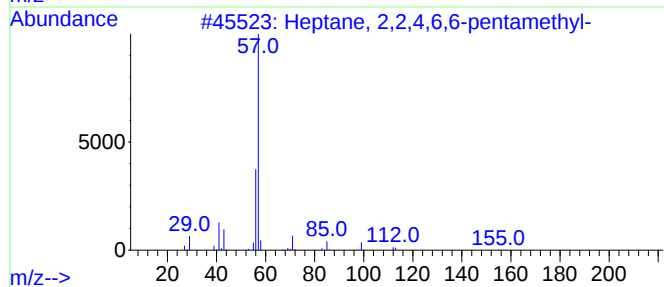
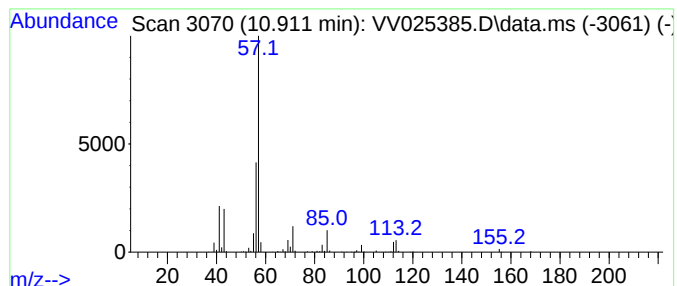
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.911	3.25 ug/L	484586	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

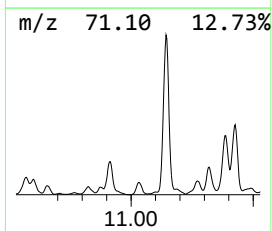
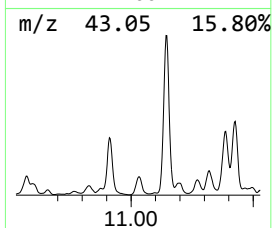
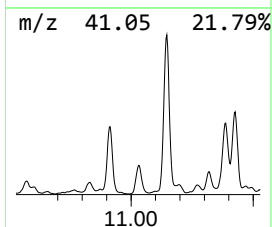
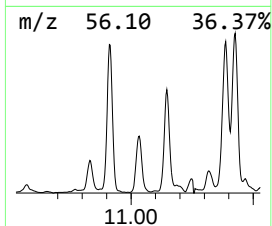
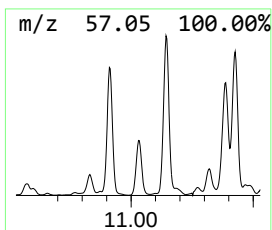
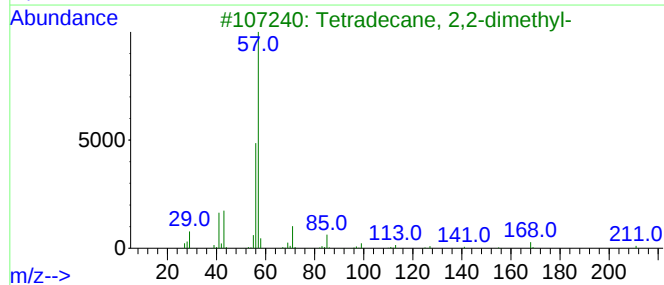
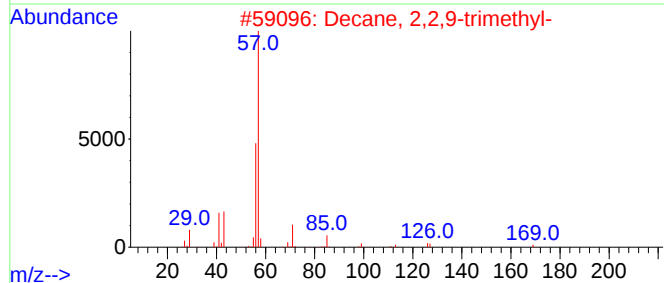
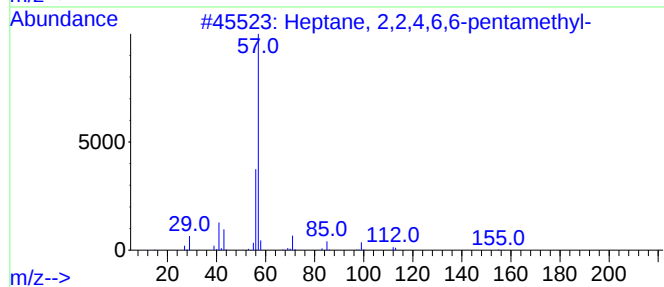
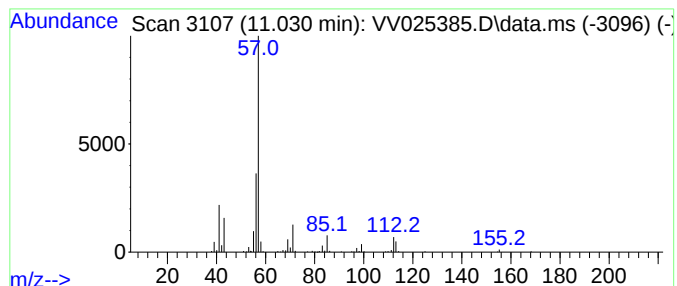
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	1.37 ug/L	204271	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	64
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
4		Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	64
5		Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

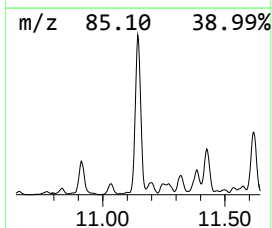
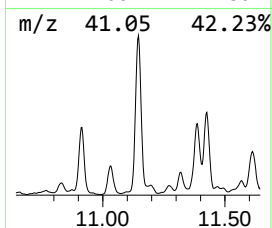
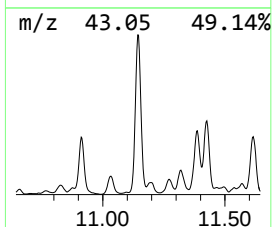
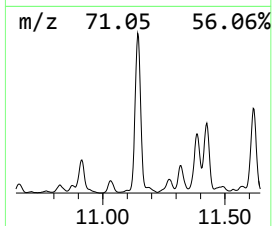
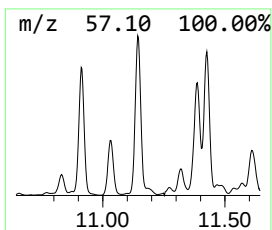
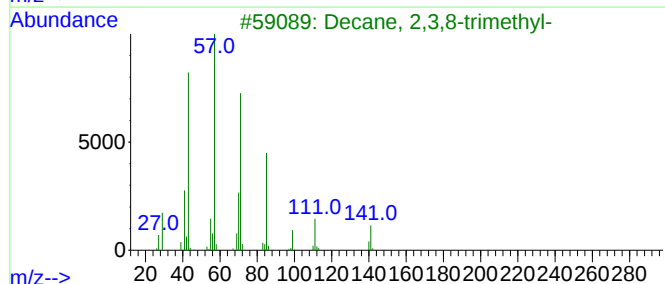
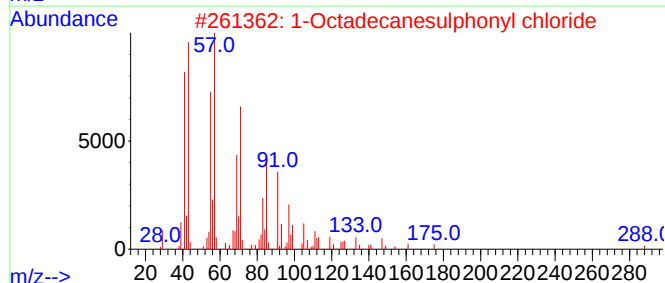
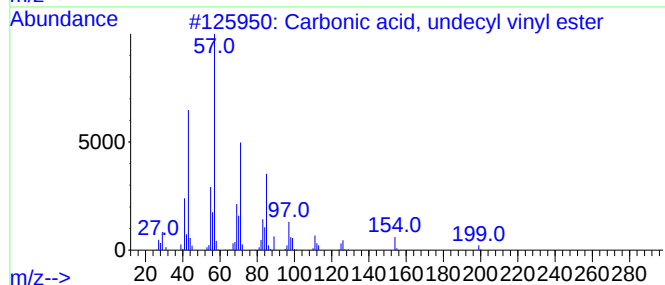
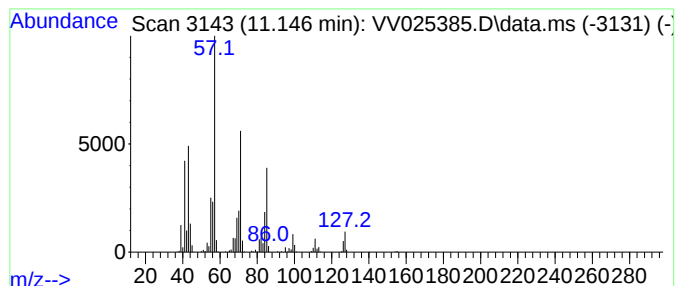
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Carbonic acid, undecyl vinyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	7.32 ug/L	1092820	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	83
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	72
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
4			Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	59
5			Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

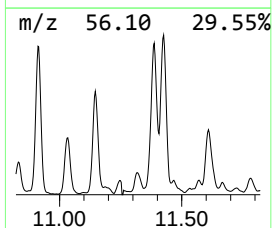
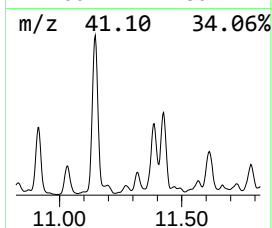
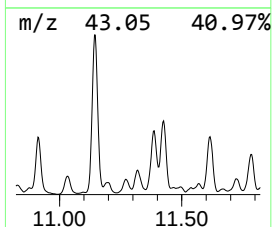
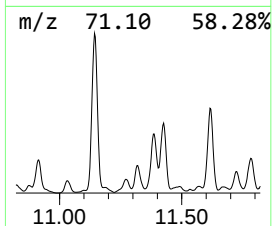
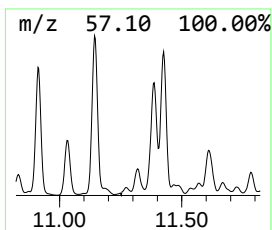
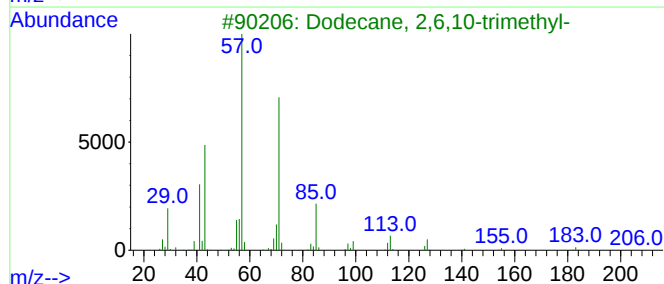
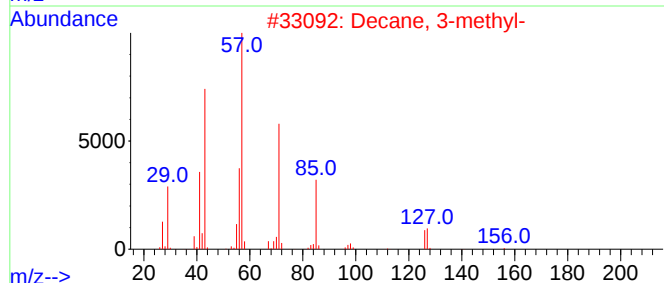
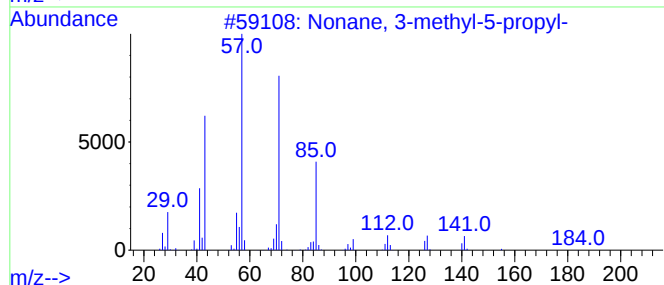
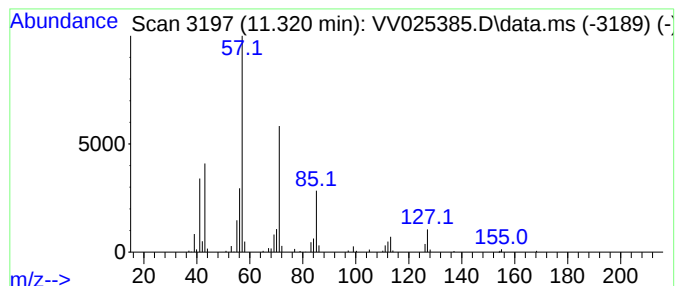
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.320	0.76 ug/L	113586	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2		Decane, 3-methyl-	156	C11H24	013151-34-3	64
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

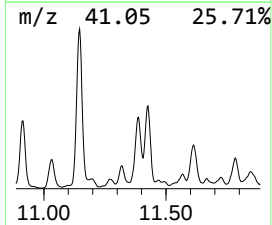
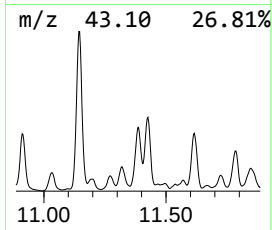
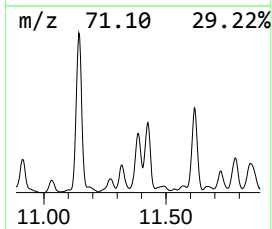
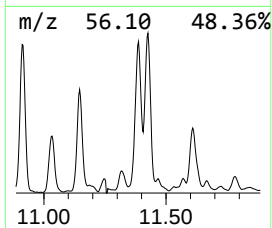
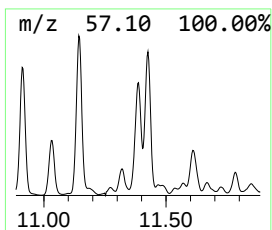
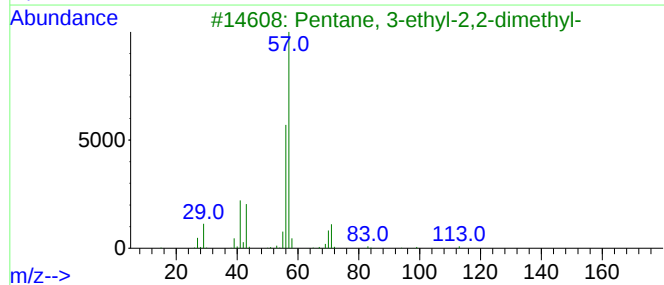
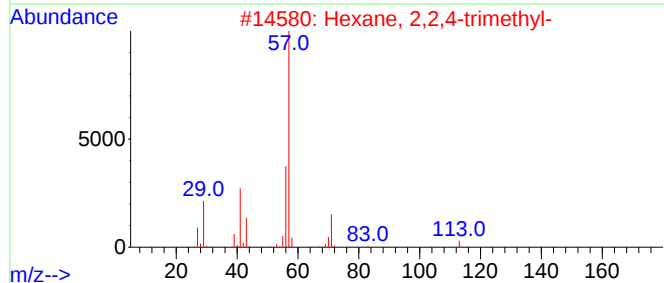
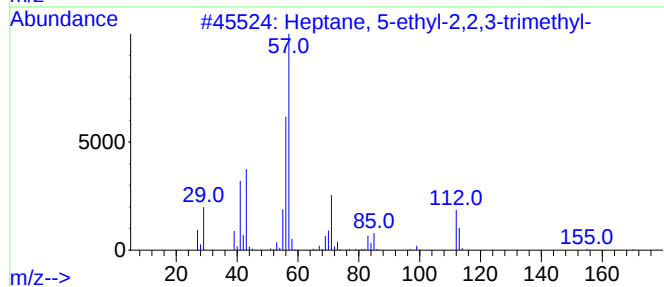
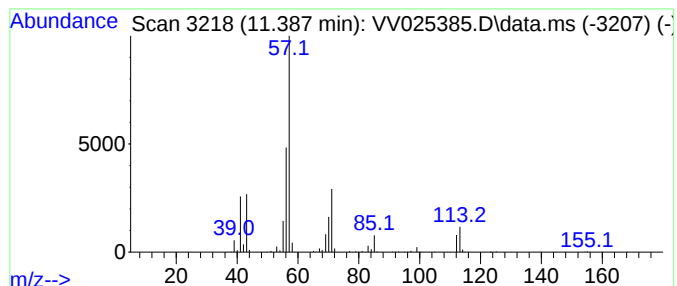
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.387	3.26 ug/L	486167	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	72
2		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
3		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	59
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5		Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

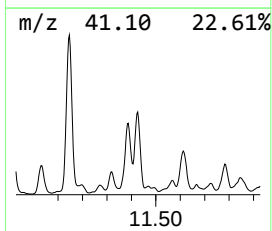
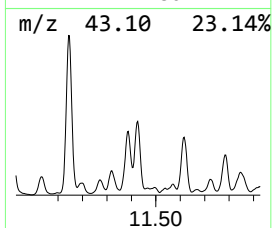
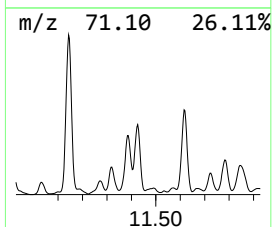
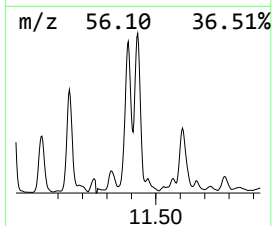
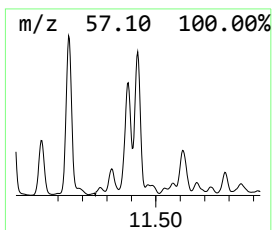
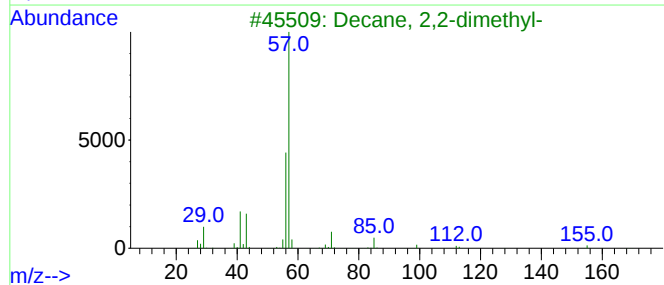
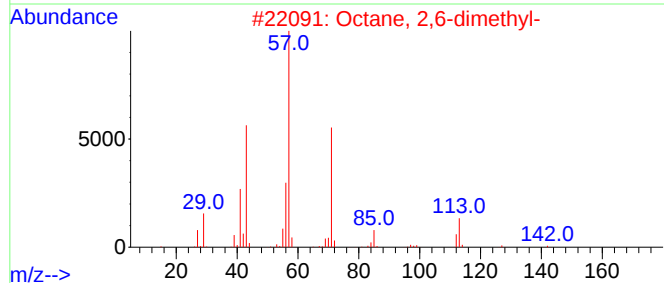
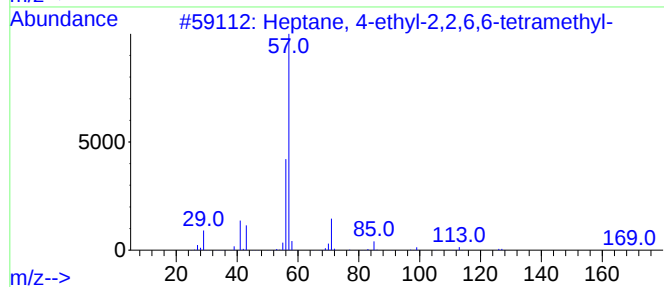
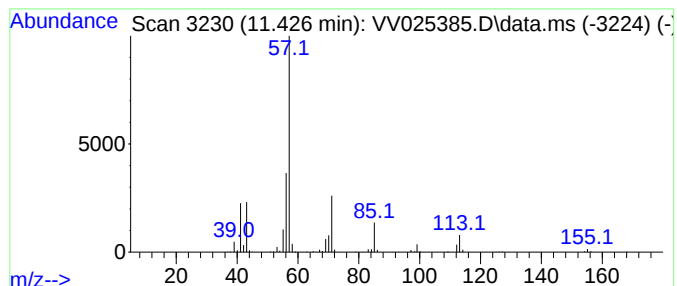
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.426	3.43 ug/L	511985	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	59
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

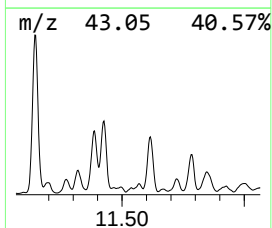
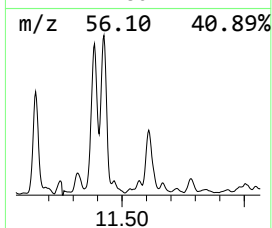
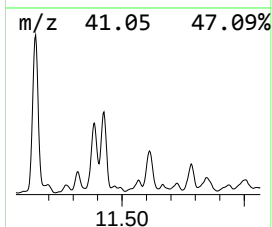
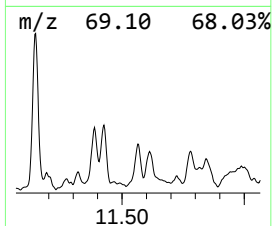
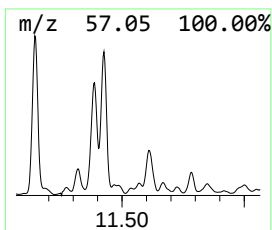
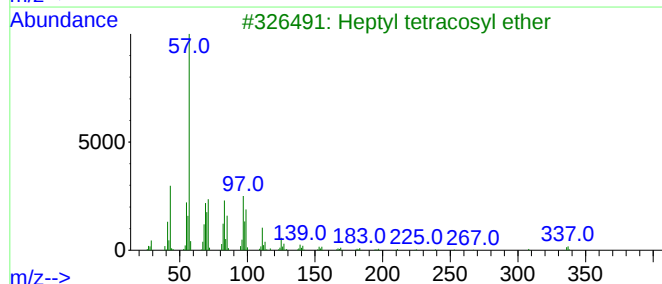
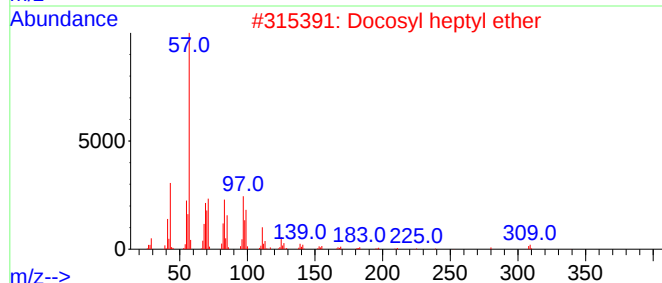
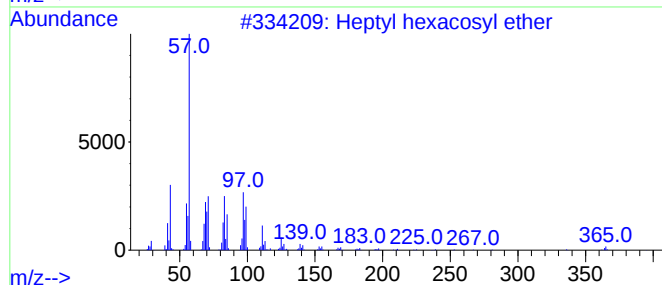
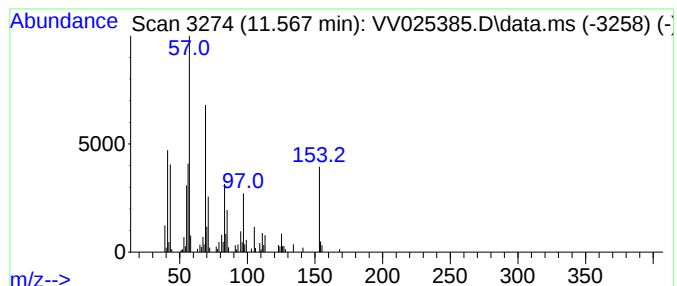
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.567	0.76 ug/L	113849	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl hexacosyl ether	481	C33H68O	1000406-39-9	43
2			Docosyl heptyl ether	424	C29H60O	1000406-39-7	43
3			Heptyl tetracosyl ether	452	C31H64O	1000406-39-8	43
4			Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	38
5			Heptyl hexadecyl ether	340	C23H48O	1000406-39-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

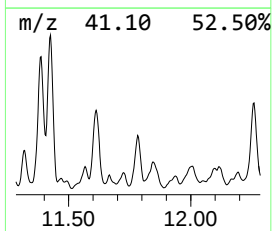
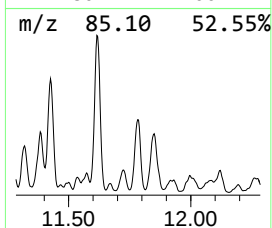
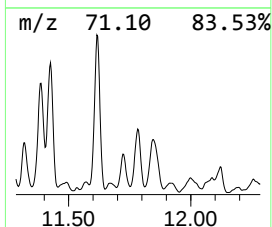
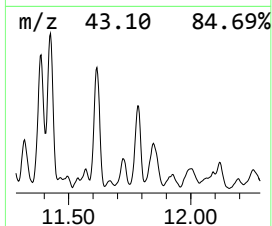
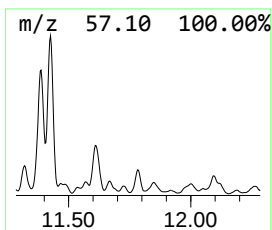
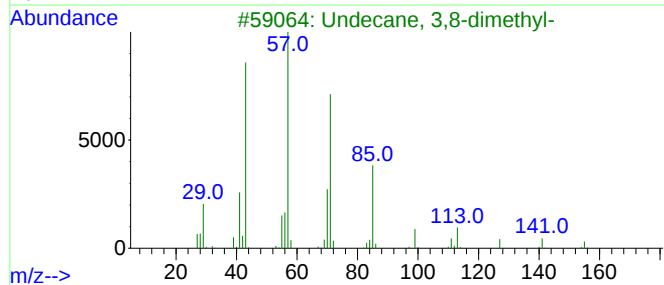
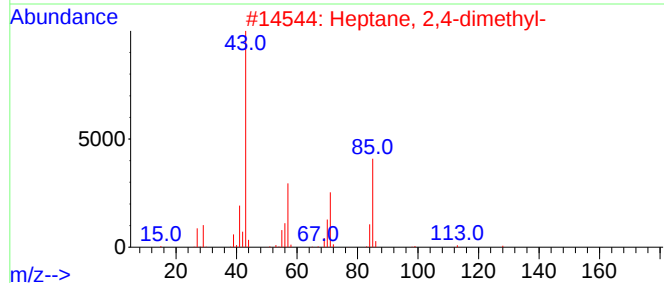
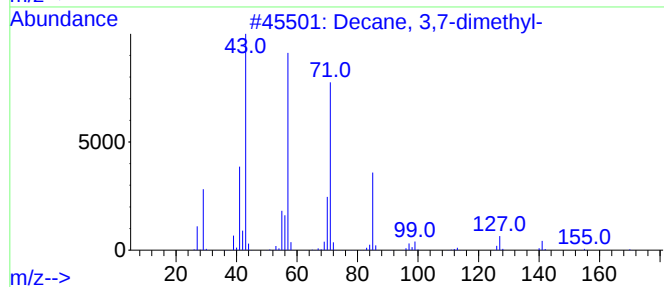
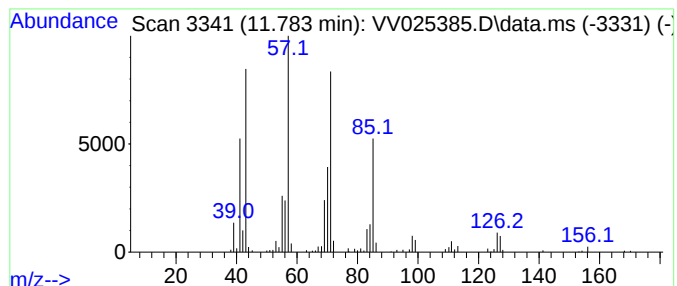
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MSVOA_V
ClientSampleId :
BFY46

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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 32

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.783	1.21 ug/L	180738	1,4-Dichlorobenzene-d4		11.246	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	87
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	80
3	Undecane, 3,8-dimethyl-		184	C13H28	017301-30-3	78
4	Nonadecane		268	C19H40	000629-92-5	72
5	10-Methylnonadecane		282	C20H42	056862-62-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

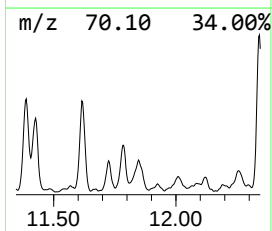
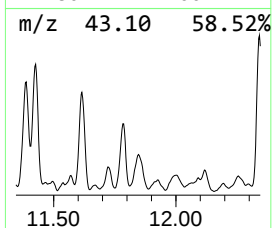
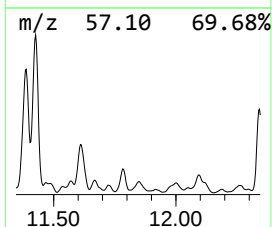
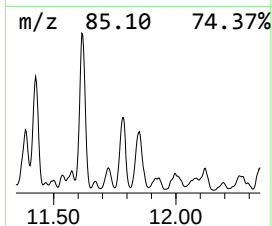
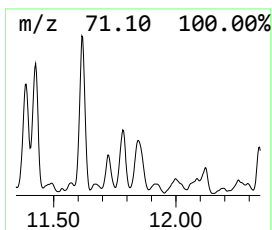
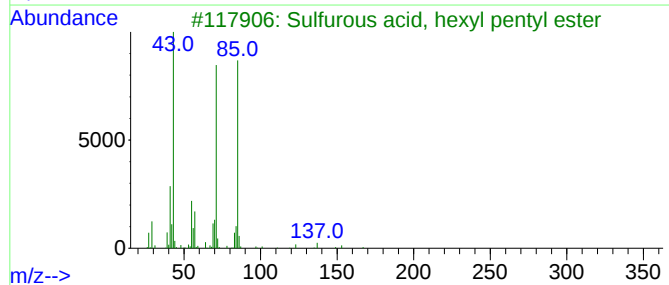
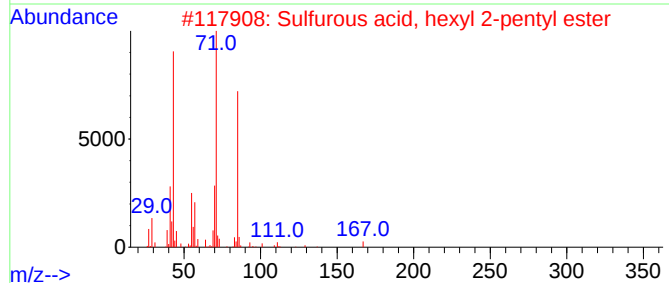
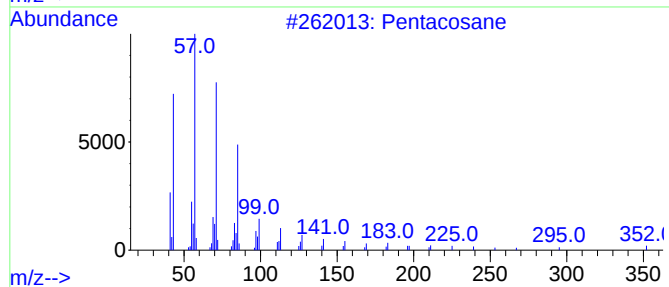
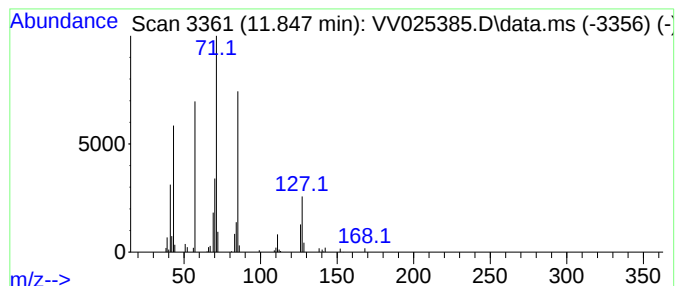
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.847	0.87 ug/L	129557	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	64
2			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64
3			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
4			3-Octen-2-ol, 2-methyl-, (Z)-	142	C9H18O	018521-07-8	64
5			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

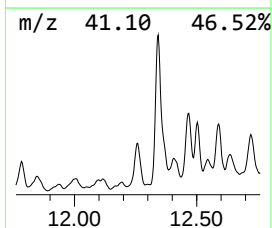
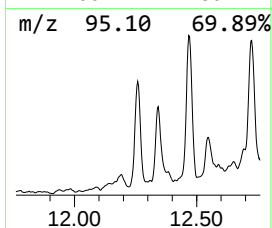
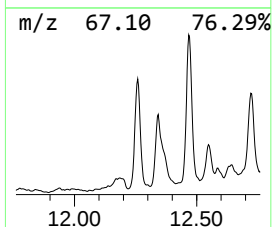
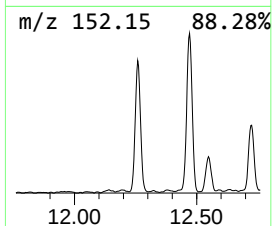
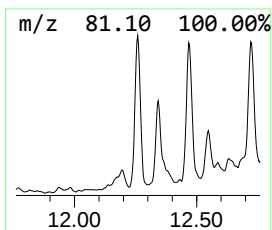
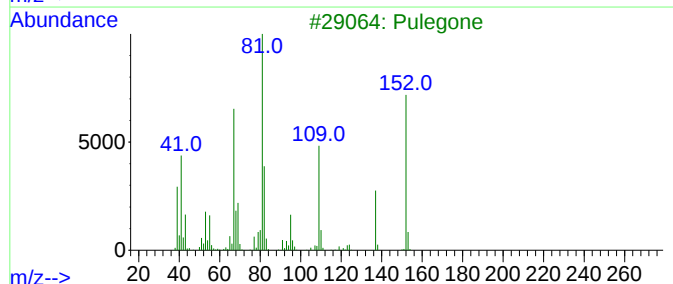
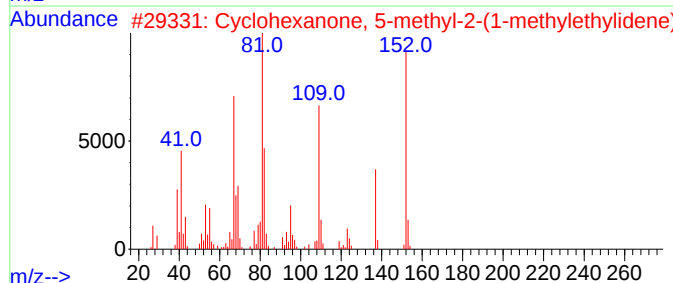
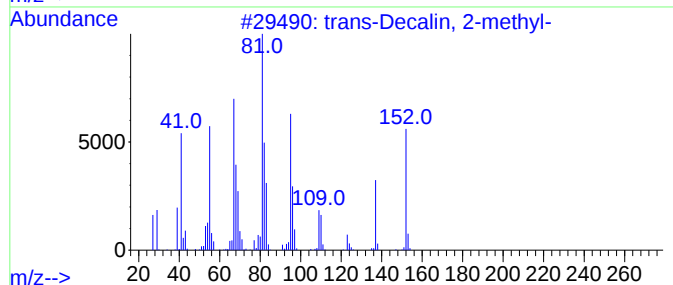
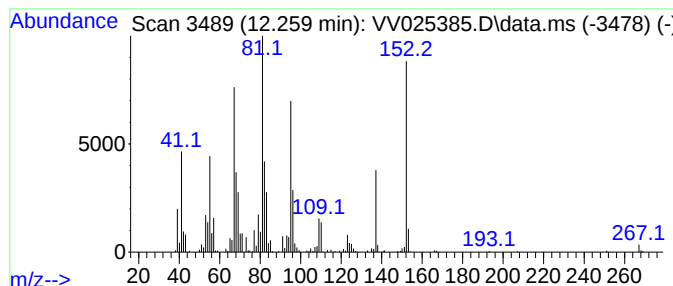
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 trans-Decalin, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.259	3.10 ug/L	462307	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	93
3			Pulegone	152	C10H16O	000089-82-7	91
4			Pulegone	152	C10H16O	000089-82-7	91
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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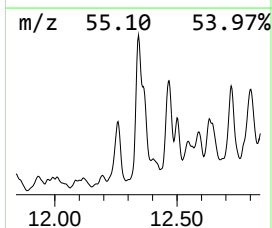
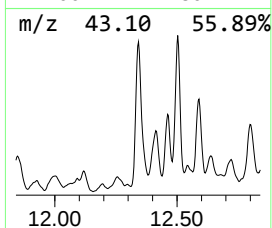
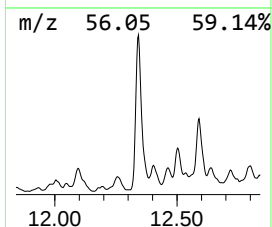
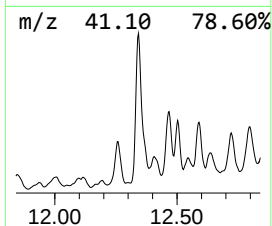
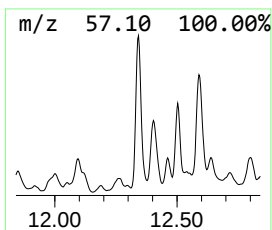
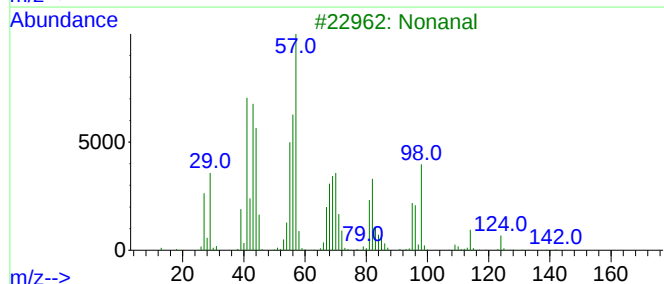
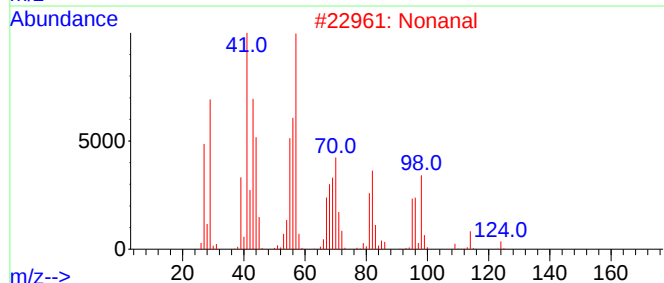
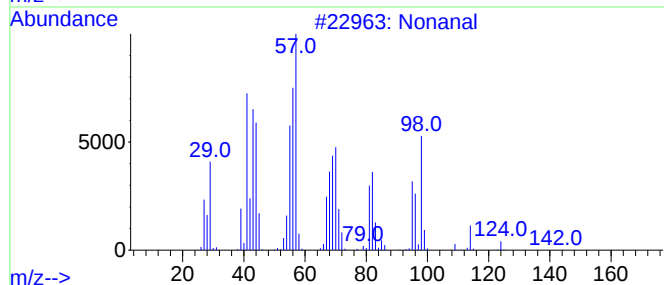
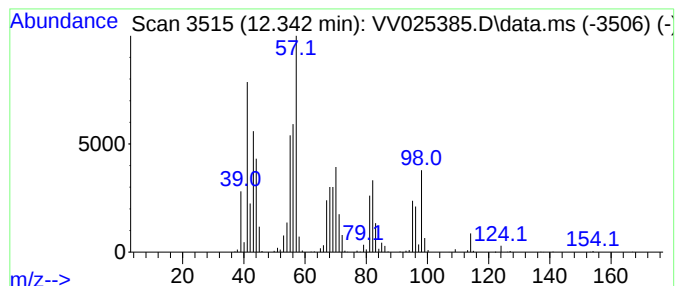
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Nonanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	6.56 ug/L	979389	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	91
3			Nonanal	142	C9H18O	000124-19-6	91
4			Nonanal	142	C9H18O	000124-19-6	83
5			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

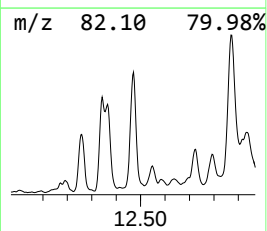
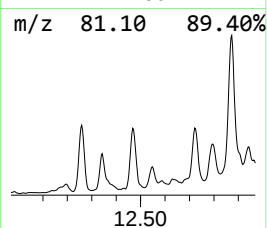
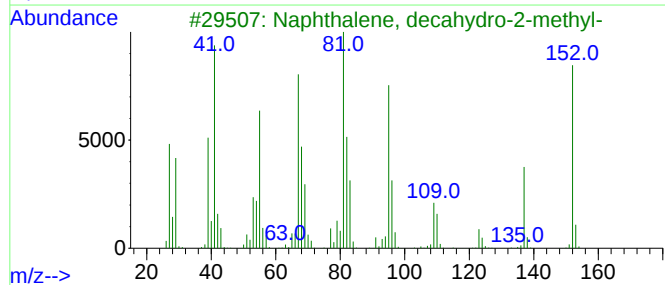
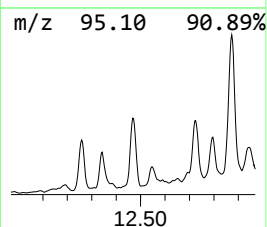
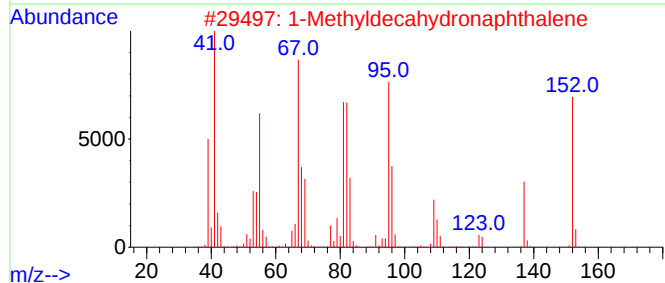
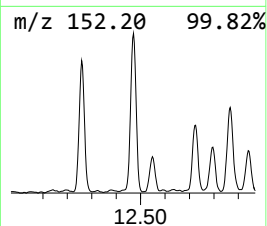
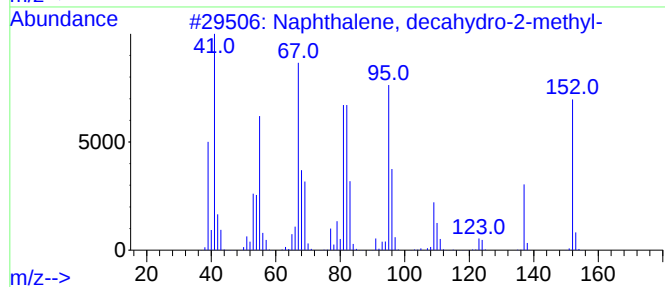
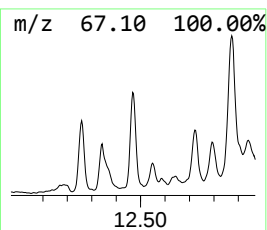
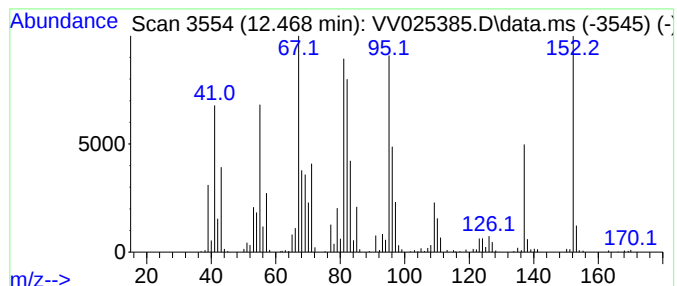
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	4.26 ug/L	636093	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

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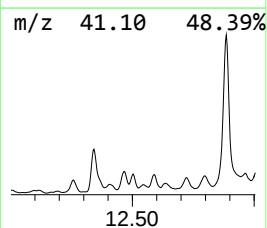
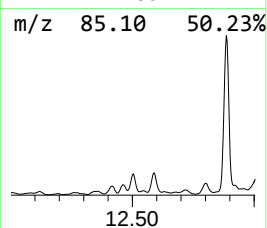
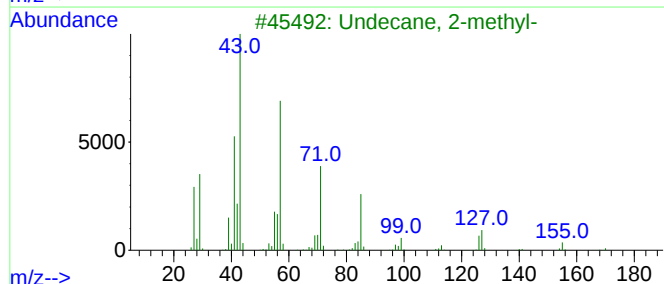
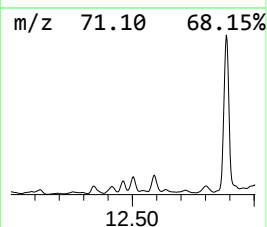
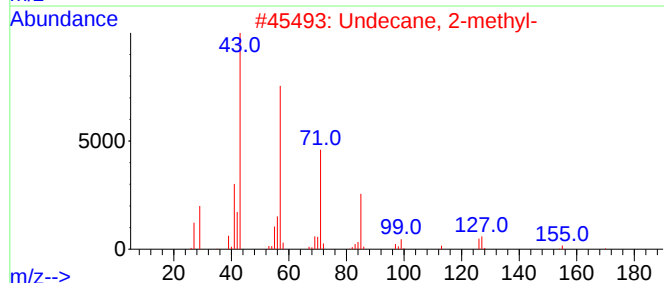
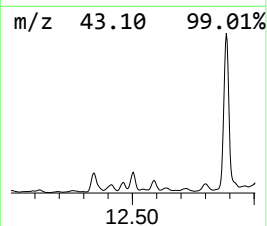
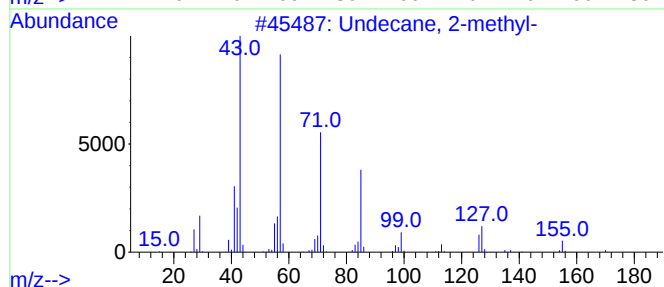
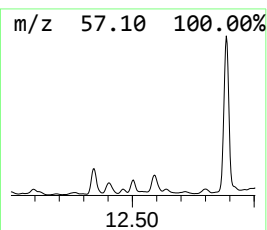
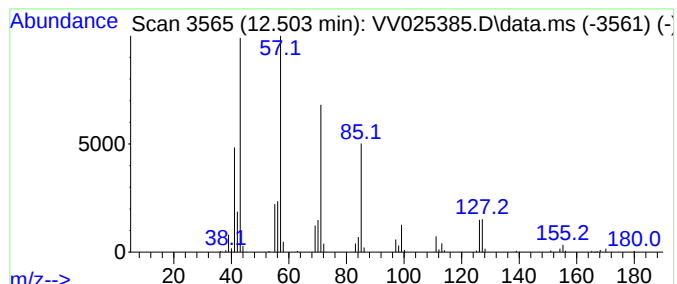
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.503	1.69 ug/L	252504	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	94
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	94
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	90
4			Hexadecane	226	C16H34	000544-76-3	80
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

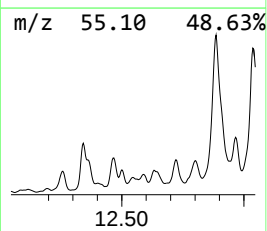
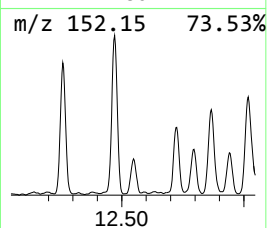
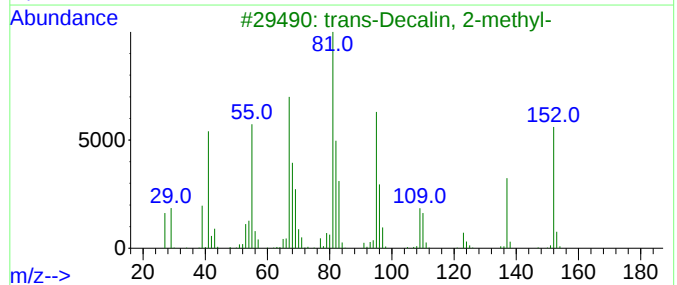
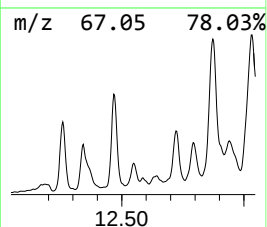
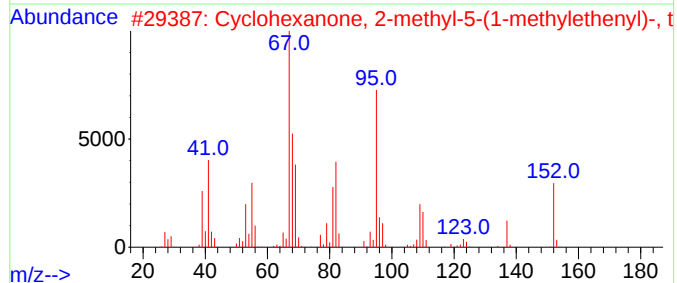
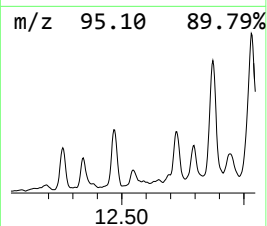
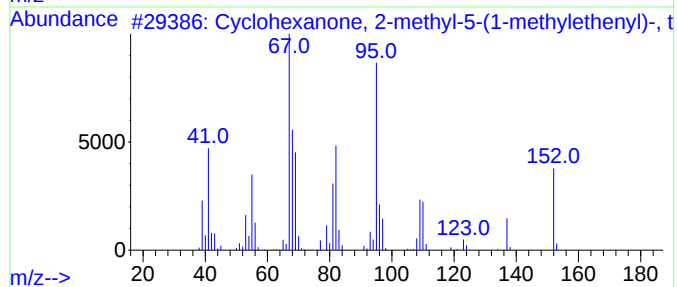
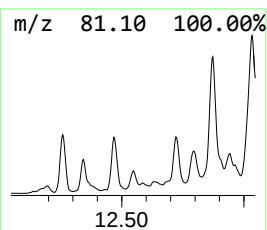
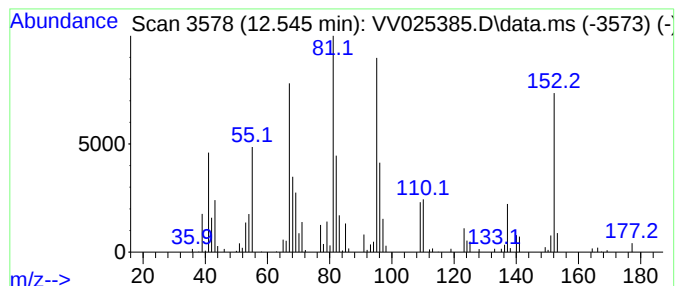
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Cyclohexanone, 2-methyl-5-(... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	1.06 ug/L	157874	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	95
2			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	95
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

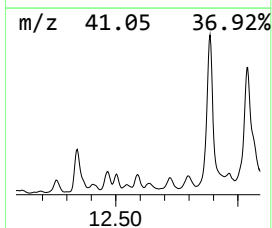
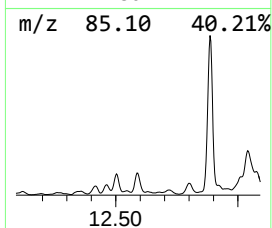
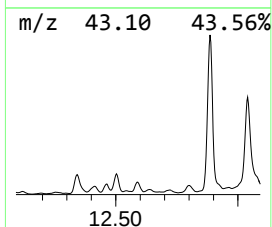
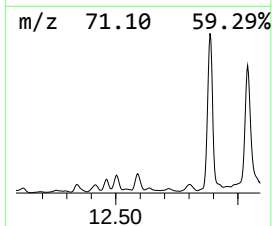
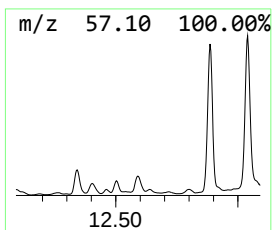
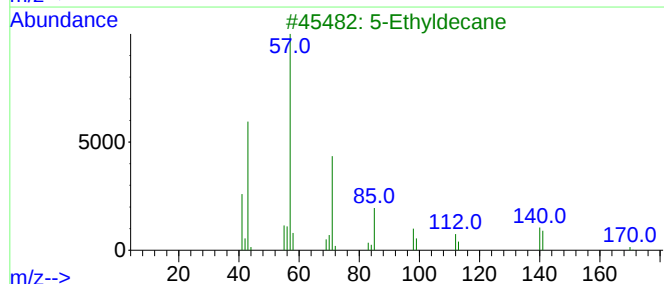
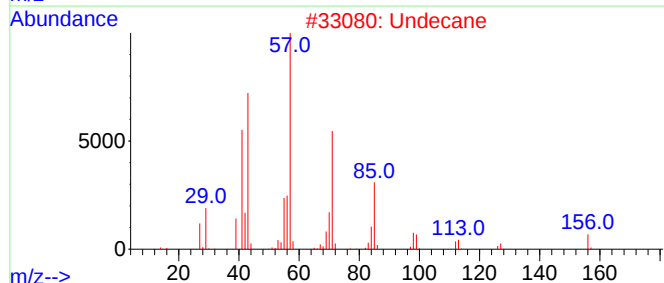
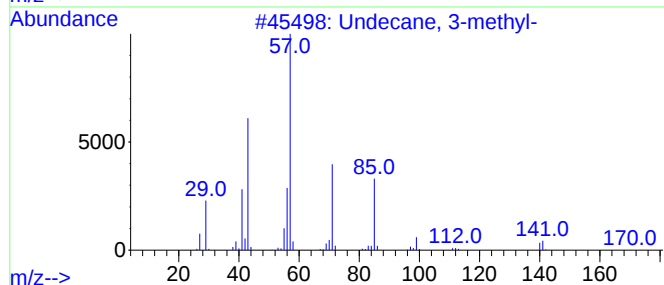
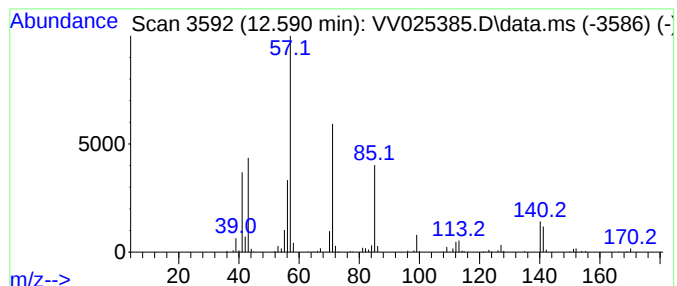
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MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.590	2.01 ug/L	300191	1,4-Dichlorobenzene-d4	11.246	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2	Undecane	156	C11H24	001120-21-4	72
3	5-Ethyldecane	170	C12H26	017302-36-2	68
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

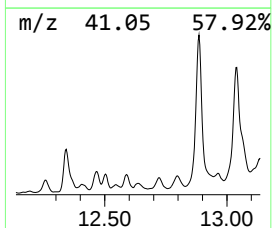
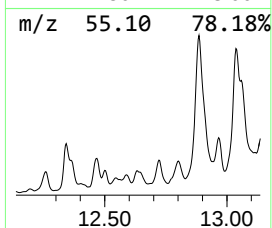
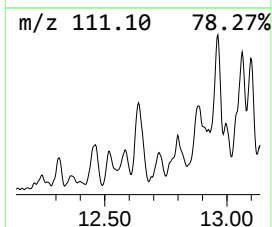
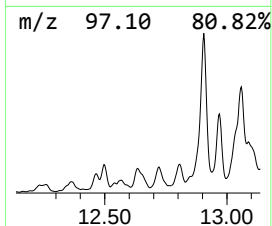
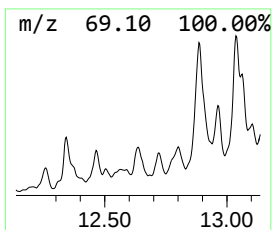
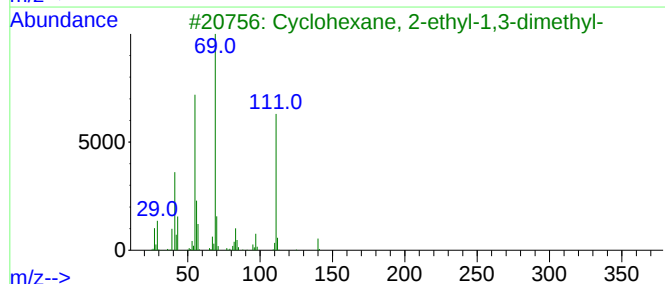
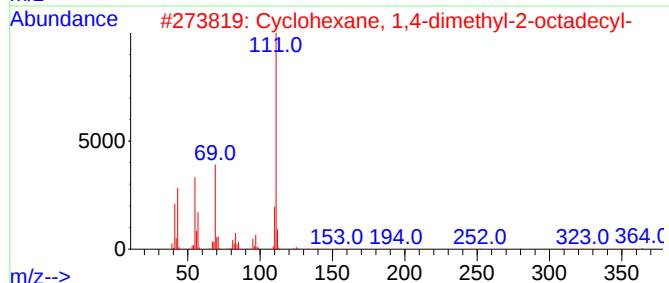
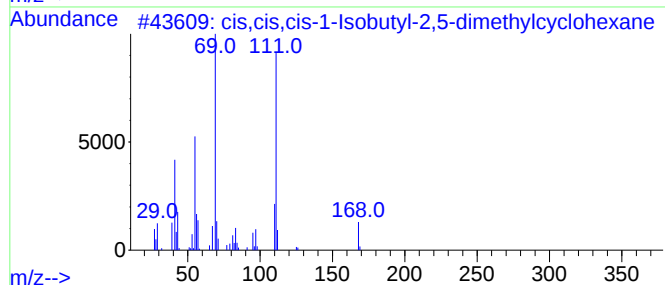
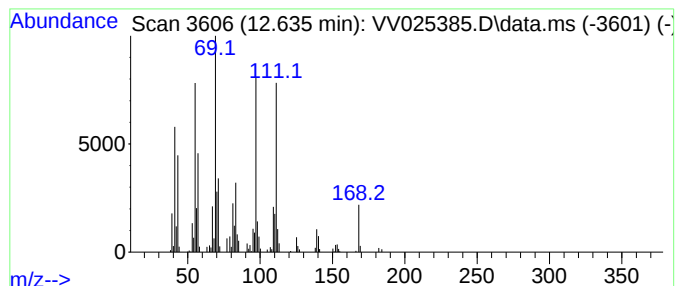
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Cyclic12.635 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.635	1.19 ug/L	178305	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis,cis-1-Isobutyl-2,5-dimet...	168	C12H24	1000113-60-0	50
2			Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	47
3			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	46
4			Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	46
5			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

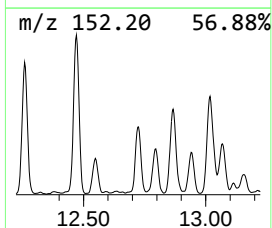
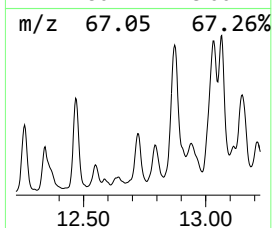
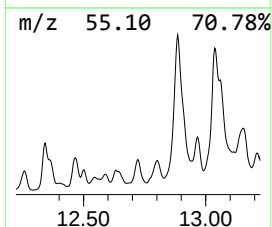
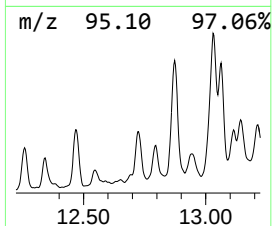
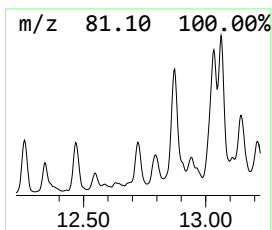
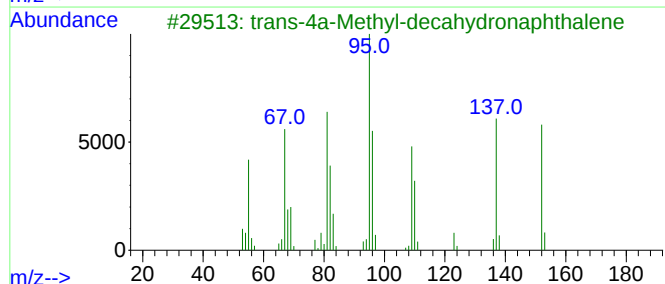
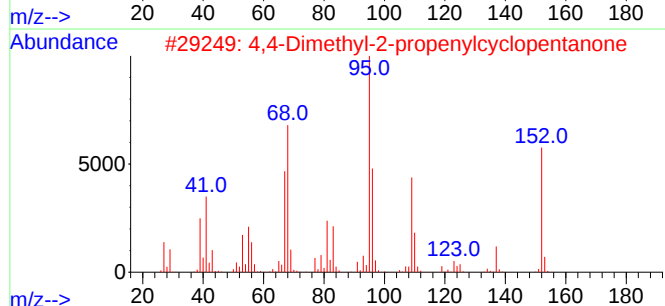
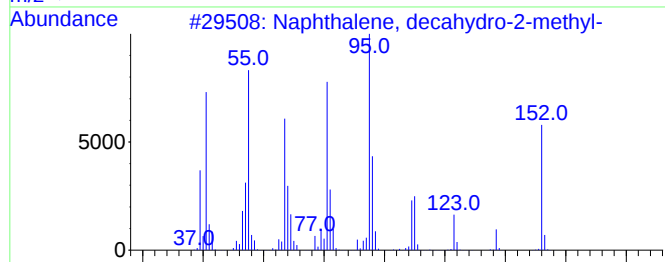
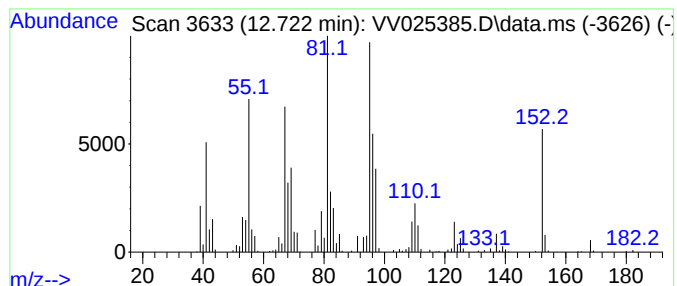
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 4,4-Dimethyl-2-propenylcycl... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.722	2.59 ug/L	386610	1,4-Dichlorobenzene-d4			11.246
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	83
2	4,4-Dimethyl-2-propenylcyclopent...		152	C10H16O	068261-88-1	60
3	trans-4a-Methyl-decahydronaphtha...		152	C11H20	002547-27-5	53
4	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	50
5	Cyclohexene, 3-pentyl-		152	C11H20	015232-92-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

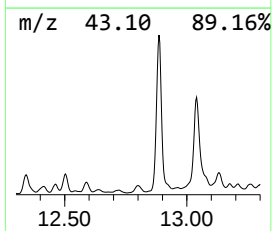
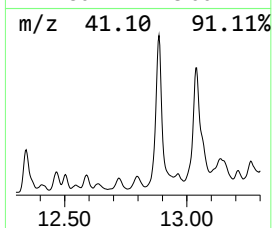
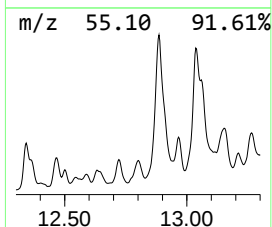
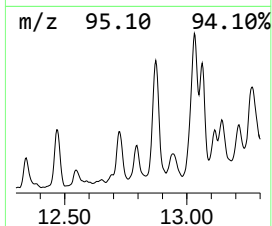
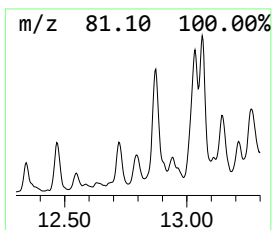
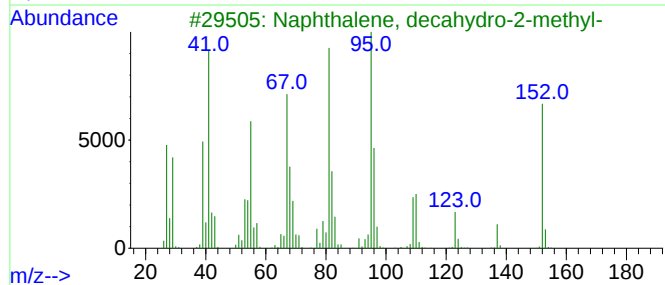
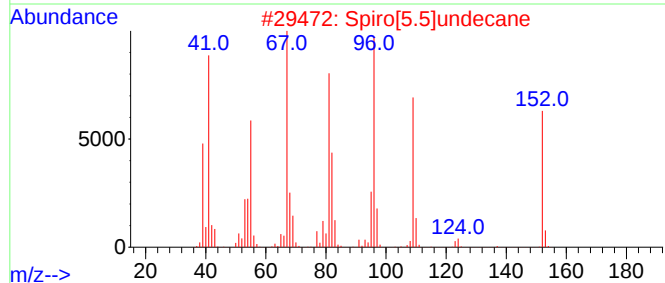
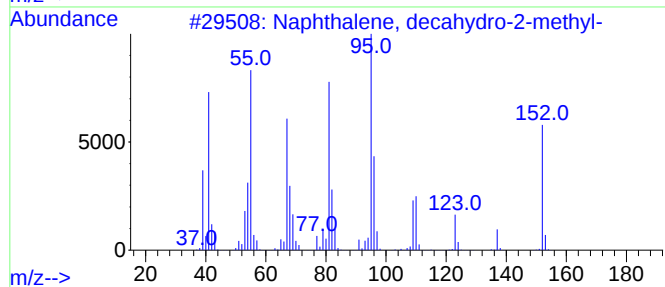
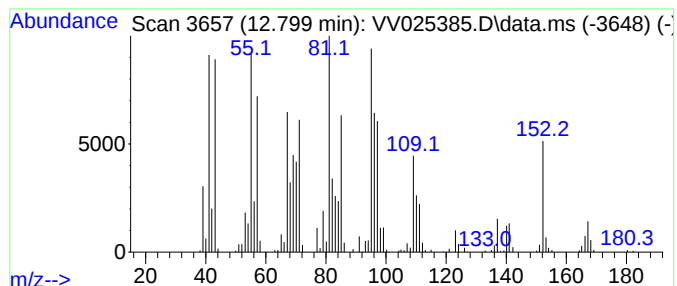
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 Spiro[5.5]undecane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.799	2.65 ug/L	396149	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		Spiro[5.5]undecane	152	C11H20	000180-43-8	74
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

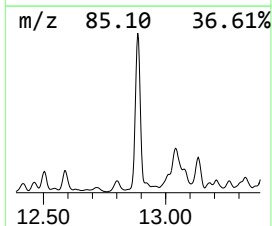
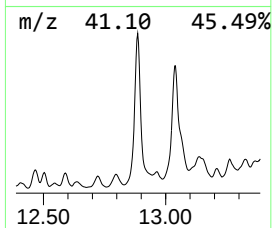
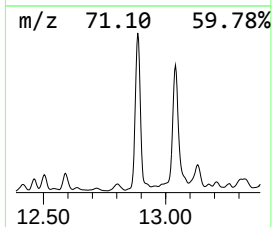
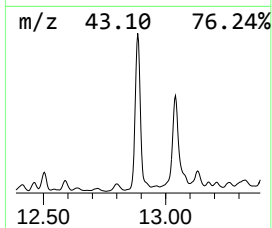
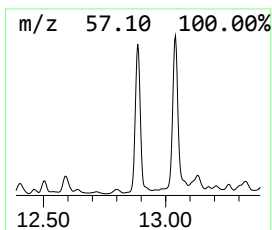
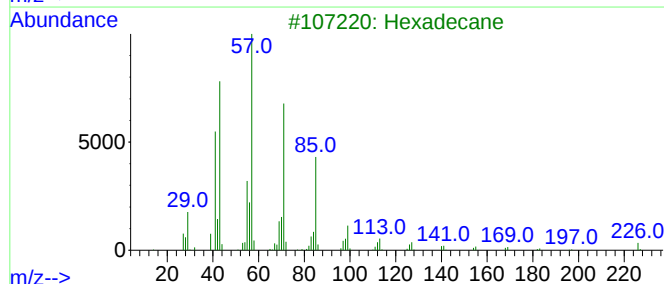
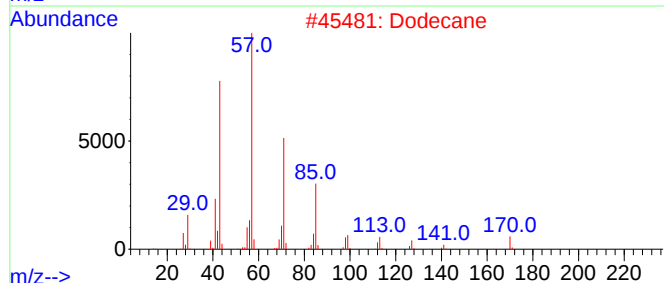
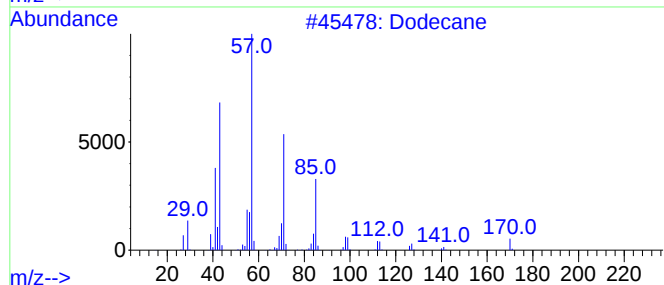
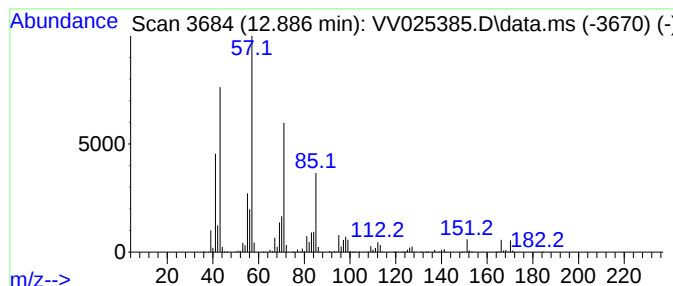
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	27.49 ug/L	4102680	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Dodecane	170	C12H26	000112-40-3	87
3			Hexadecane	226	C16H34	000544-76-3	83
4			Undecane	156	C11H24	001120-21-4	80
5			Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

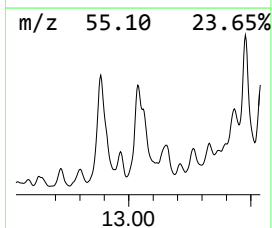
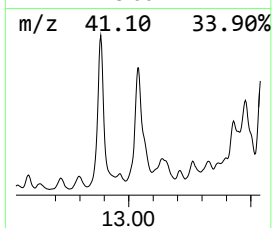
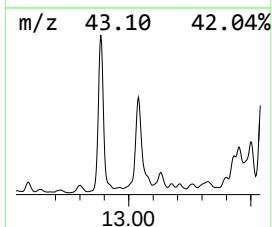
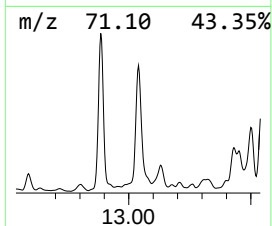
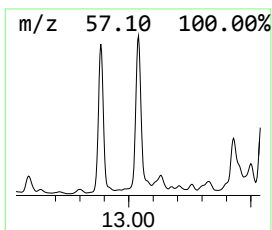
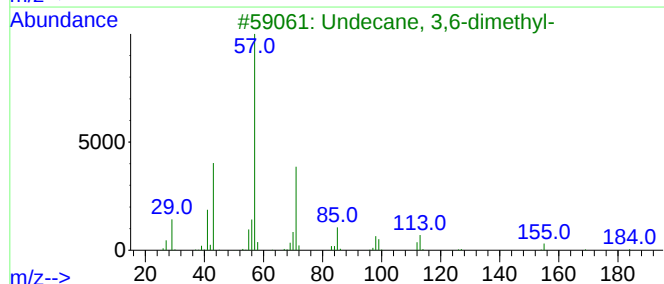
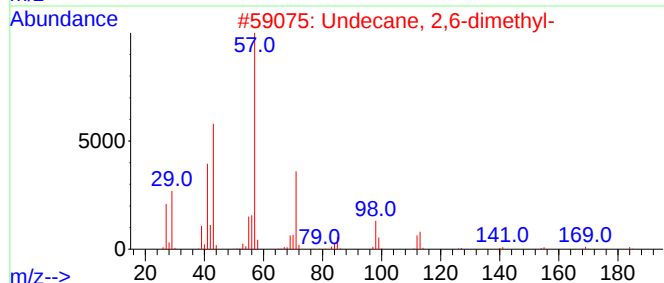
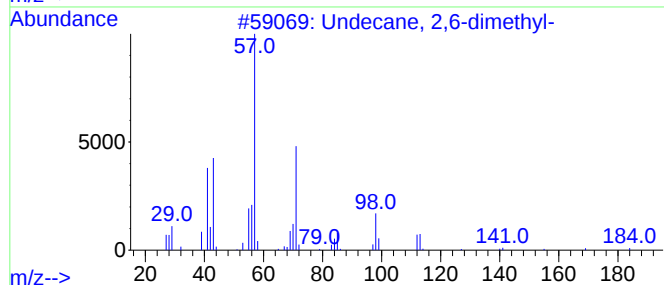
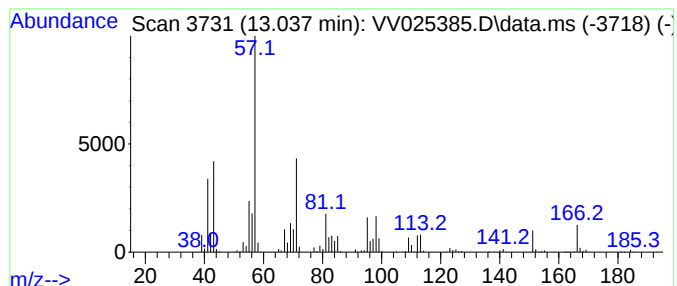
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.037	30.53 ug/L	4556040	1,4-Dichlorobenzene-d4	11.246

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	86
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

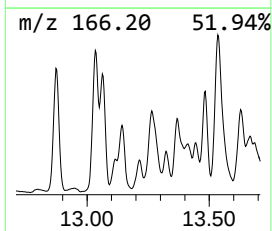
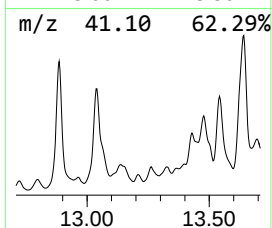
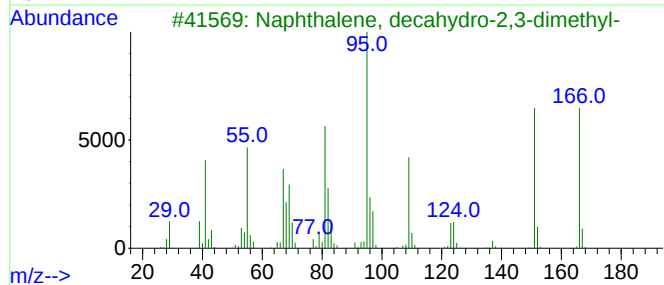
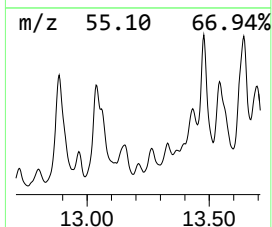
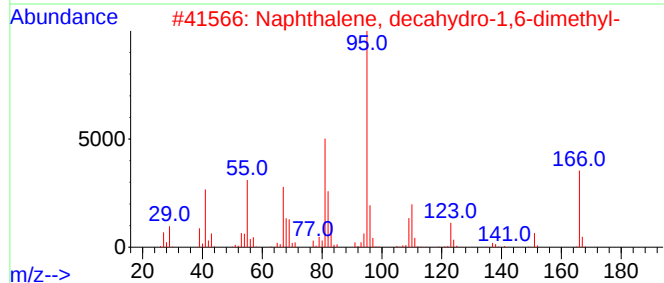
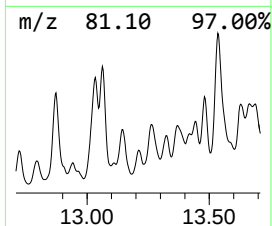
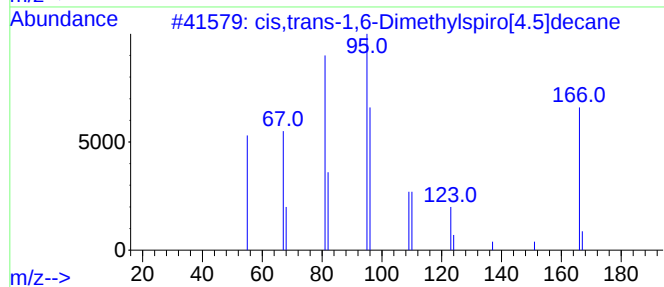
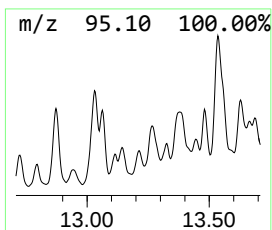
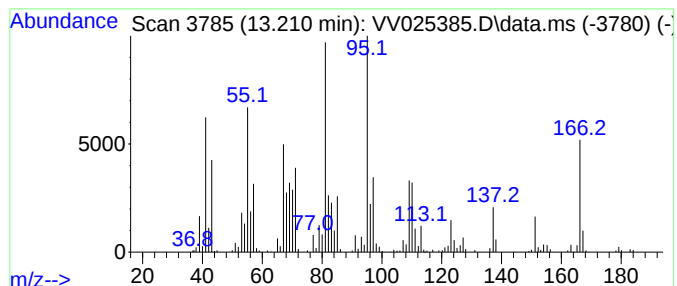
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 cis,trans-1,6-Dimethylspiro... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	1.26 ug/L	188537	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
2			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	38
3			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	38
4			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	35
5			Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

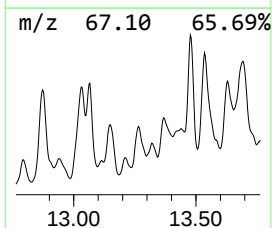
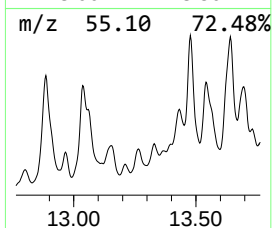
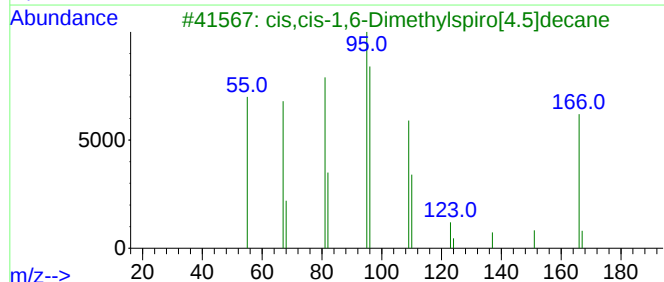
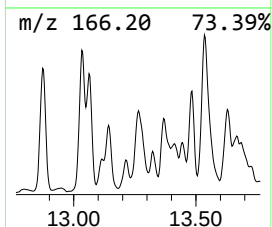
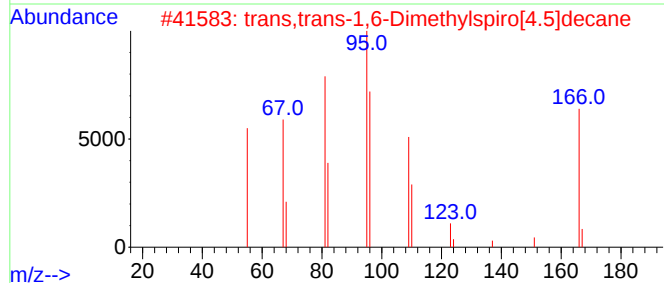
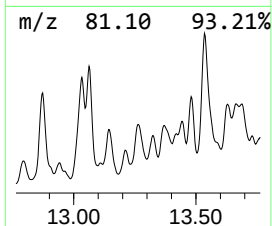
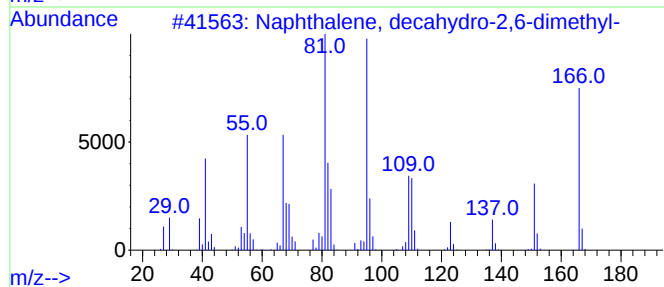
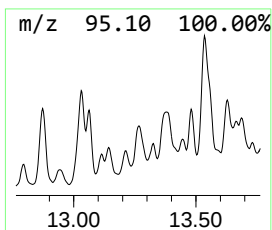
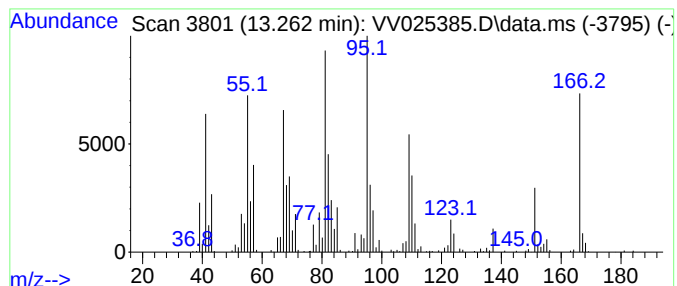
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Naphthalene, decahydro-2,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	3.97 ug/L	593218	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	96
2			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	93
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	93
4			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	76
5			Spiro[5.6]dodecane	166	C12H22	000181-15-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

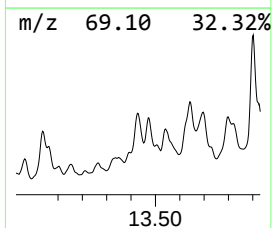
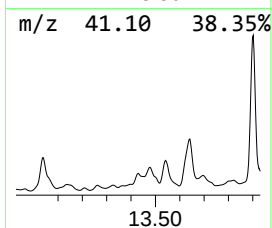
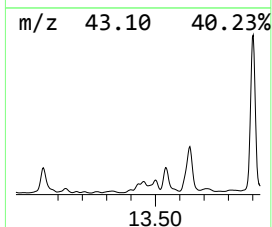
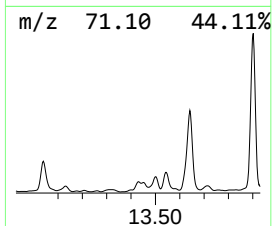
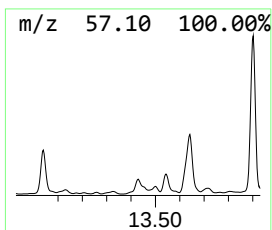
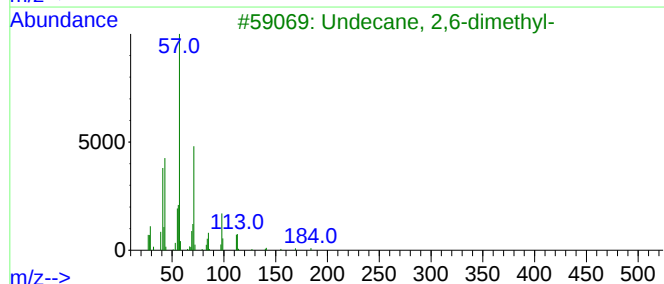
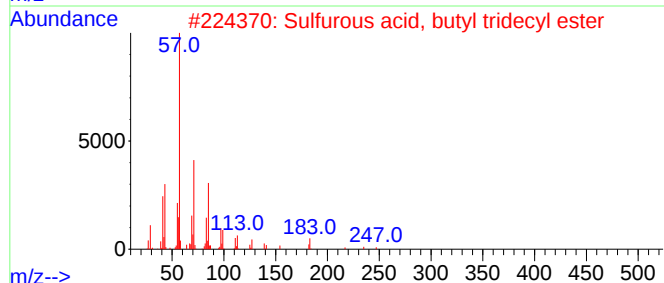
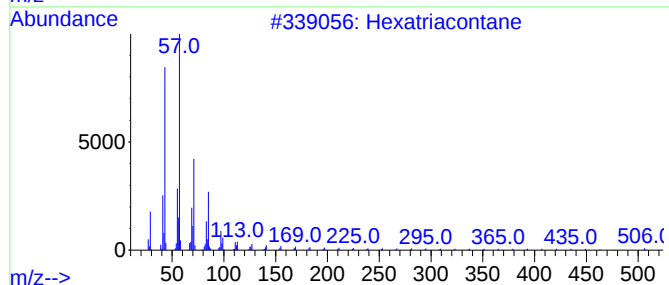
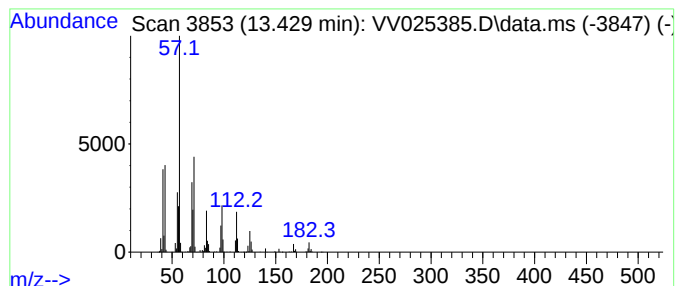
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.429	7.33 ug/L	1094260	1,4-Dichlorobenzene-d4			11.246
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexatriacontane		507	C36H74	000630-06-8	53
2	Sulfurous acid, butyl tridecyl e...		320	C17H36O3S	1000309-18-0	50
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	49
4	3-Undecene, 6-methyl-, (E)-		168	C12H24	074630-52-7	43
5	Tetratetracontane		619	C44H90	007098-22-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

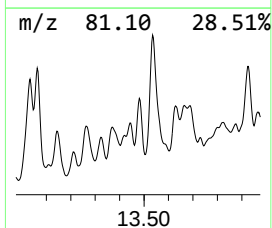
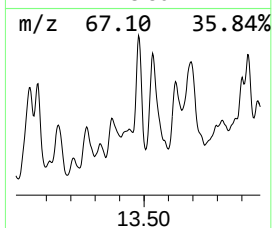
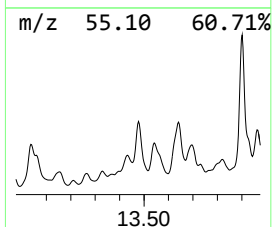
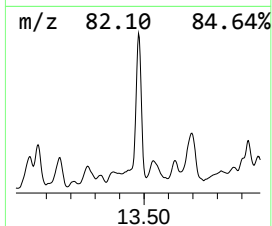
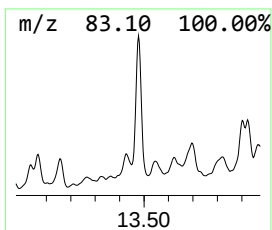
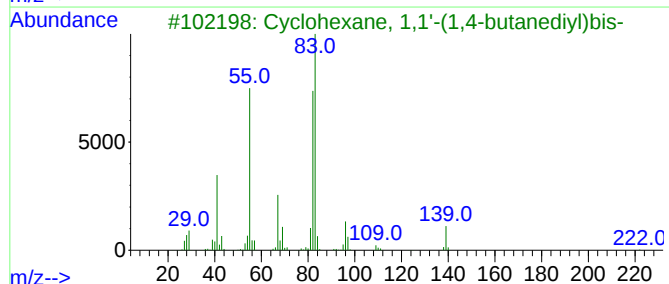
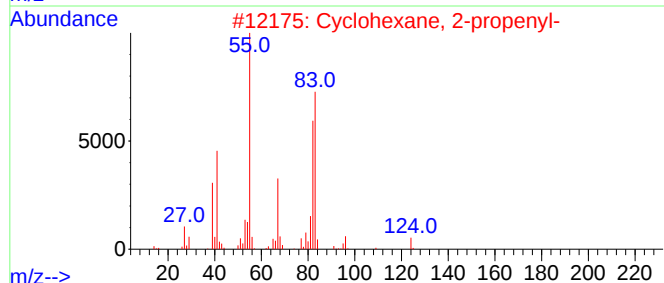
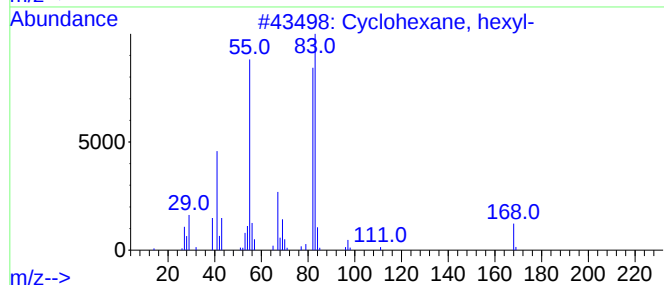
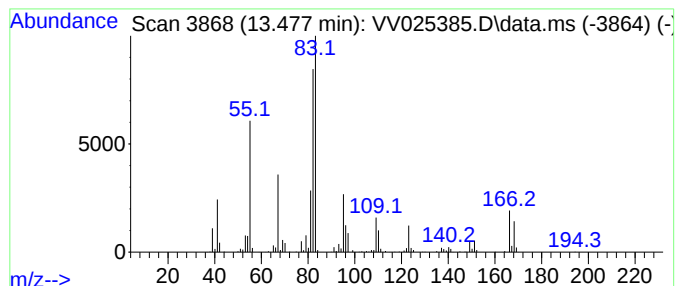
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 (DEL) Alkane: Cyclic13.477 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	10.01 ug/L	1493780	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	53
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

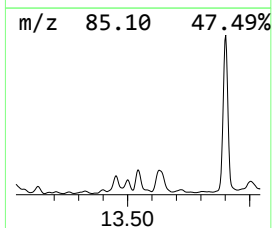
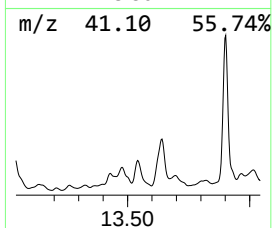
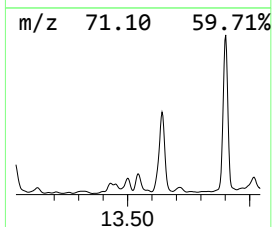
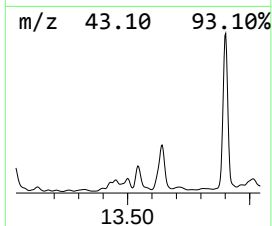
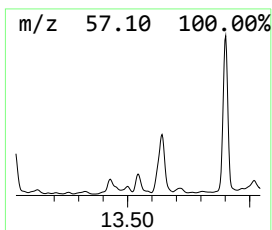
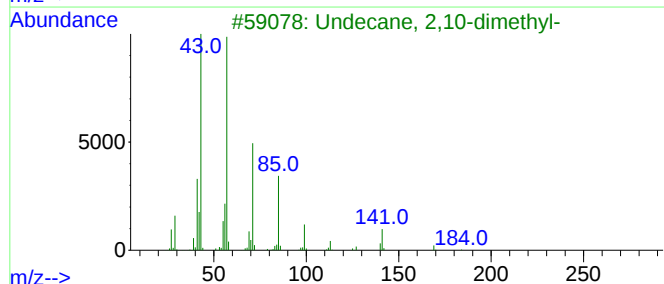
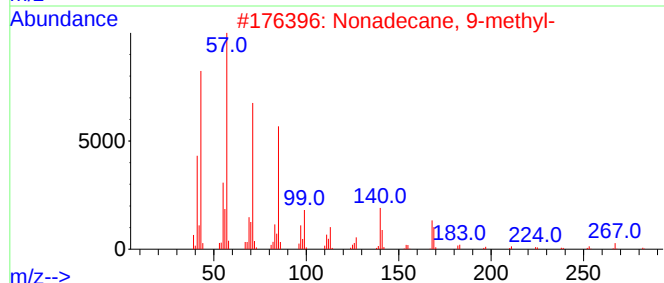
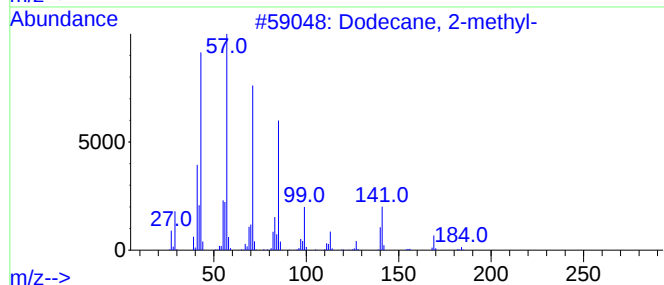
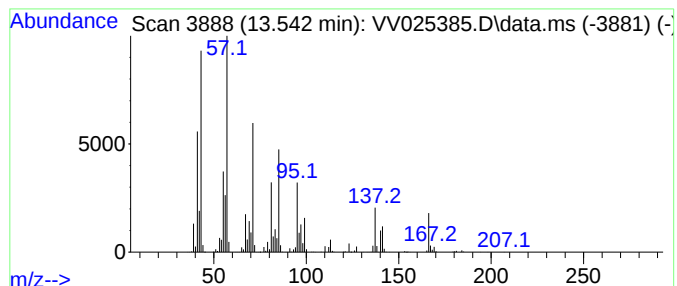
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.542	18.40 ug/L	2745890	1,4-Dichlorobenzene-d4	11.246	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	53
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53
5	Nonadecane	268	C19H40	000629-92-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

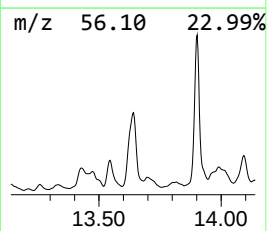
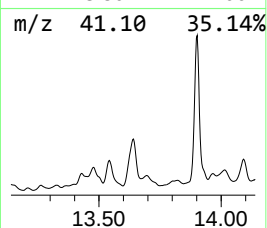
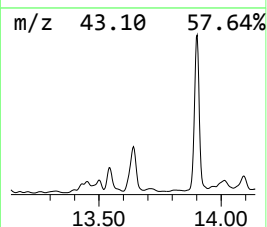
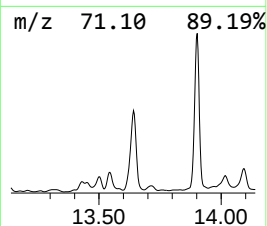
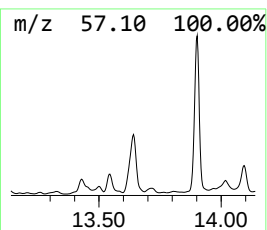
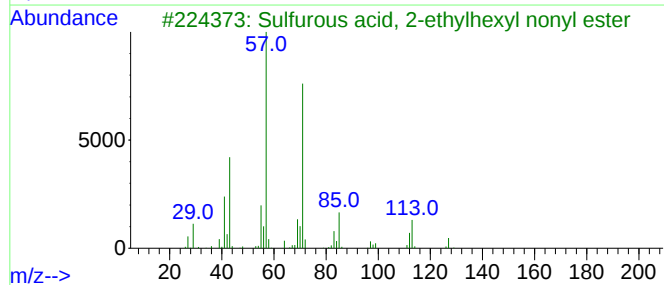
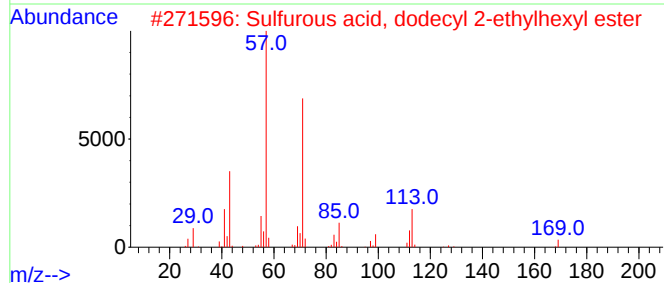
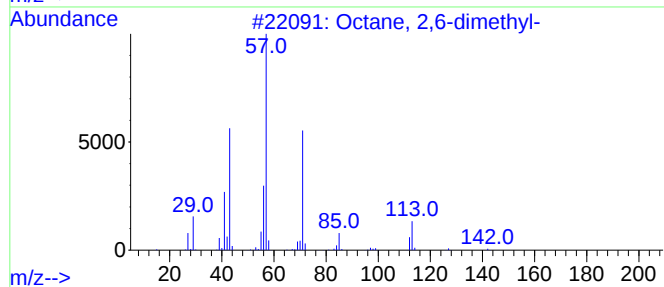
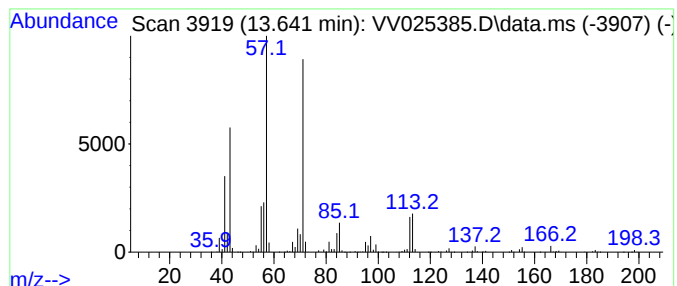
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	34.89 ug/L	5207120	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
4			Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
5			Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

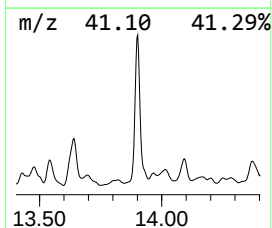
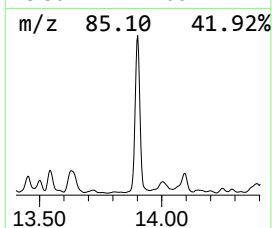
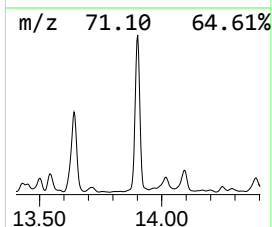
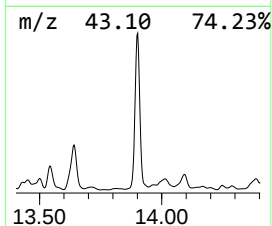
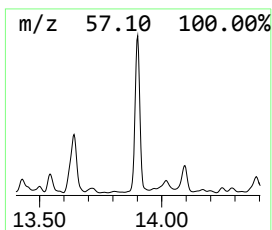
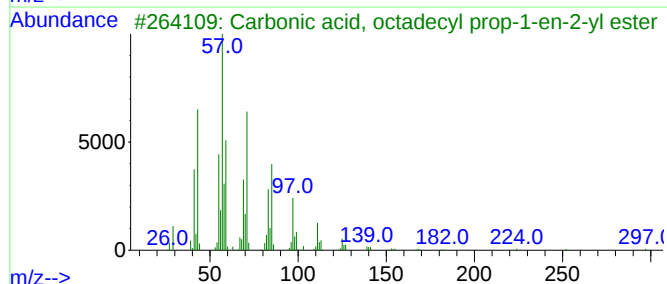
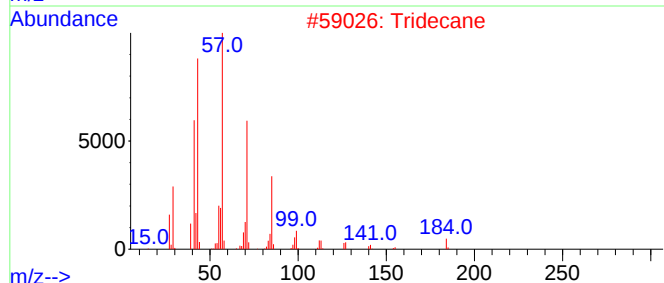
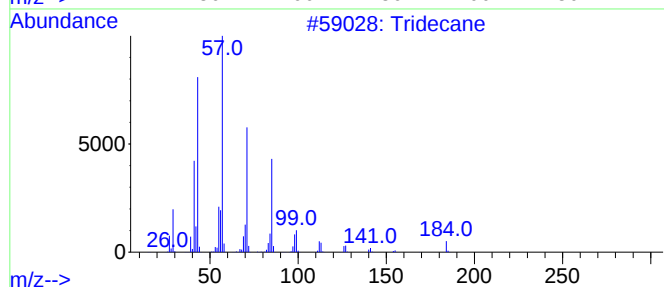
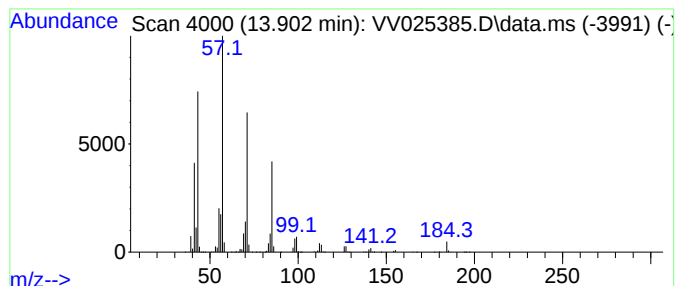
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	62.82 ug/L	9375260	1,4-Dichlorobenzene-d4	11.246

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			Nonadecane	268	C19H40	000629-92-5	90
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

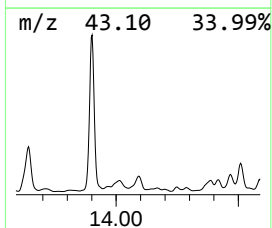
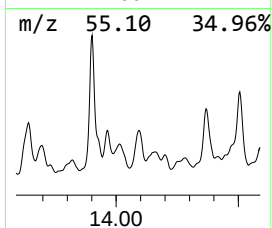
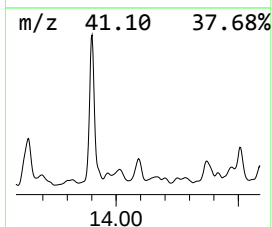
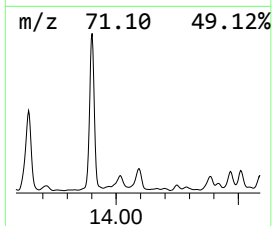
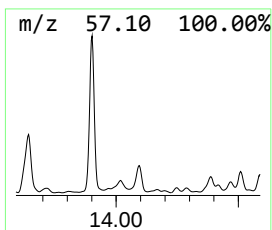
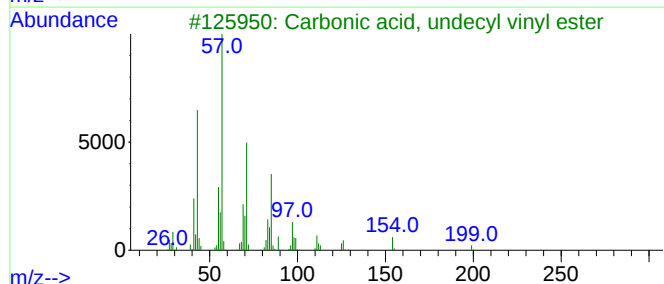
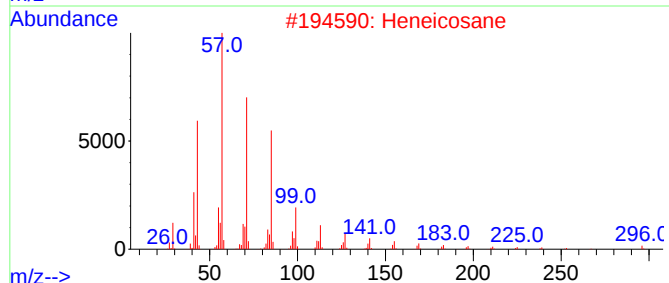
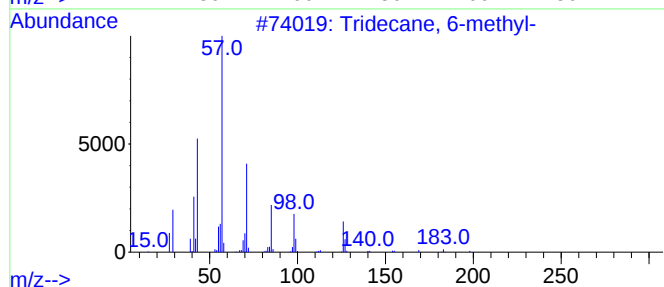
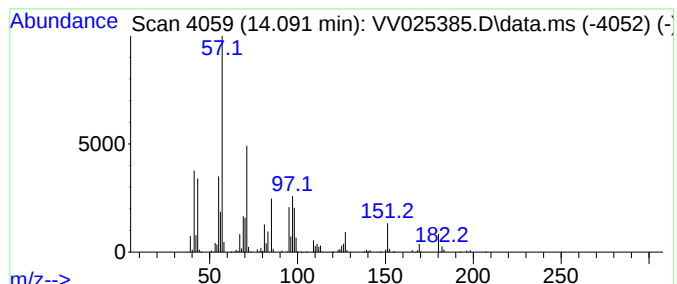
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	12.62 ug/L	1883830	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
2			Heneicosane	296	C21H44	000629-94-7	38
3			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	38
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	38
5			Dodecane	170	C12H26	000112-40-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

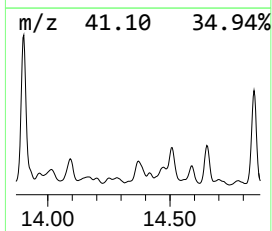
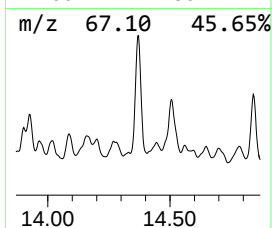
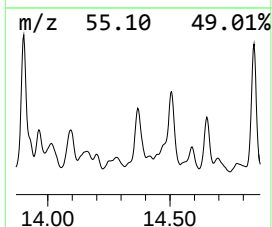
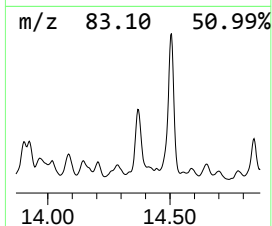
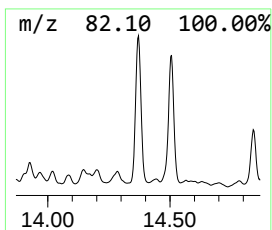
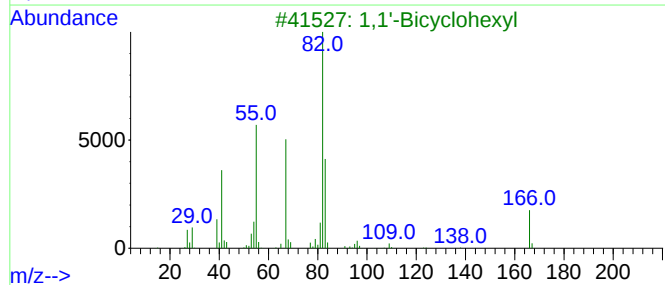
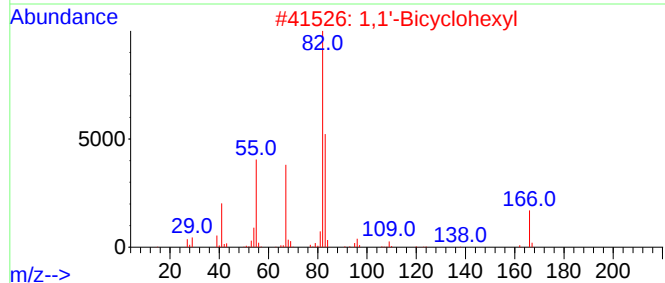
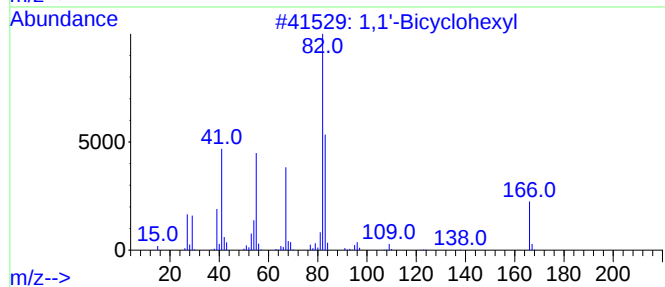
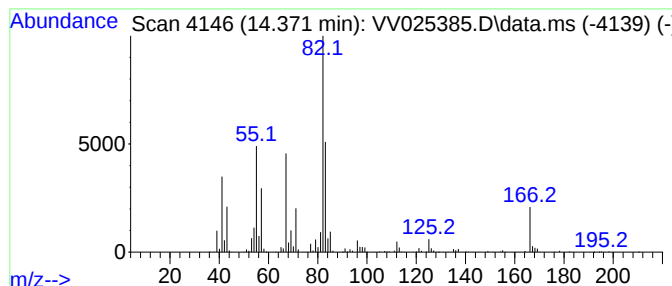
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 1,1'-Bicyclohexyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	12.64 ug/L	1886240	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl		166	C12H22	000092-51-3	81	
2	1,1'-Bicyclohexyl		166	C12H22	000092-51-3	81	
3	1,1'-Bicyclohexyl		166	C12H22	000092-51-3	74	
4	1,1'-Bicyclohexyl		166	C12H22	000092-51-3	74	
5	Succinic acid, nonyl trans-hex-3...		326	C19H34O4	1000353-43-2	64	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

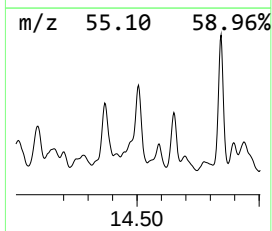
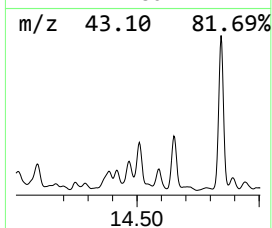
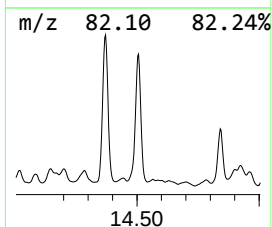
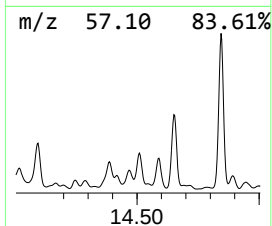
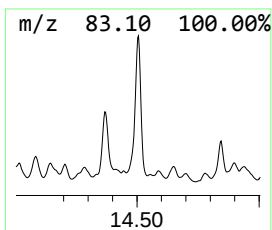
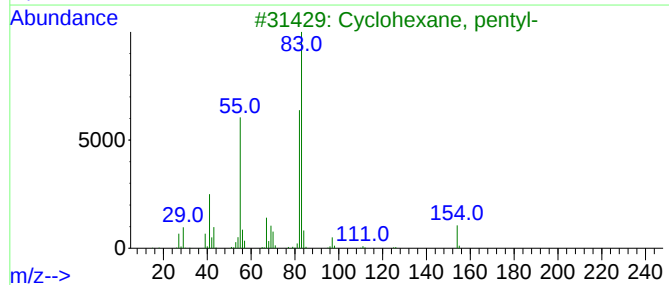
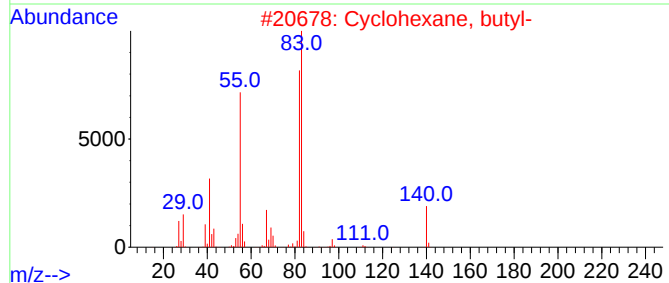
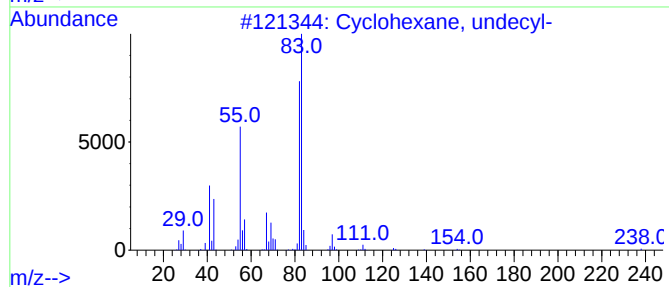
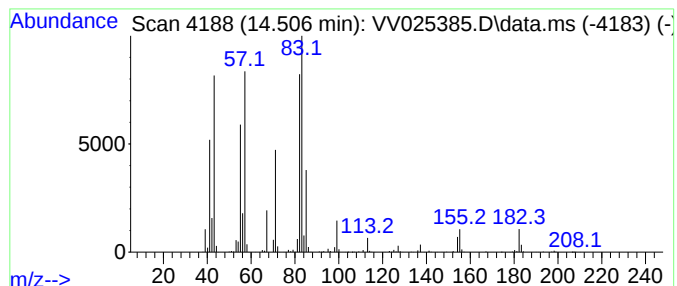
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 (DEL) Alkane: Cyclic14.506 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.506	16.58 ug/L	2474550	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	38
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

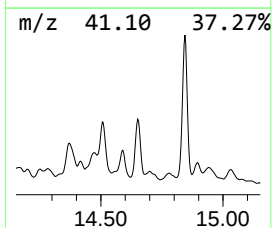
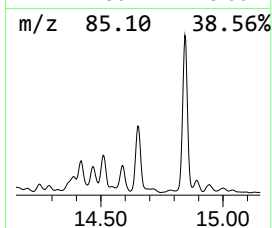
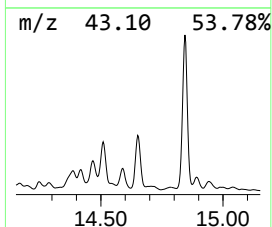
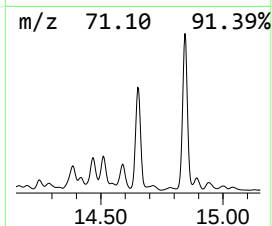
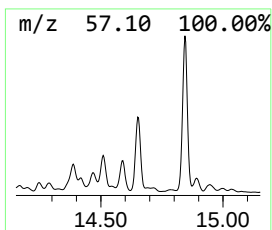
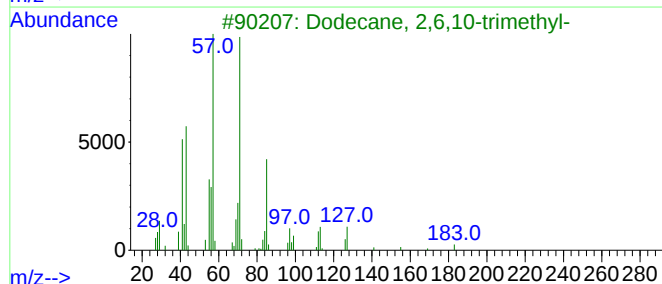
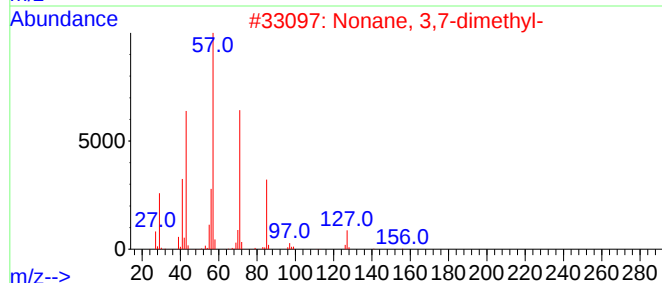
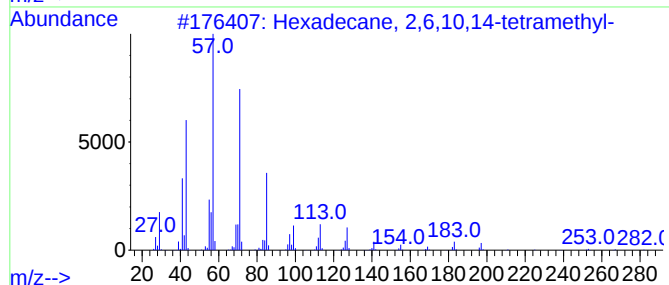
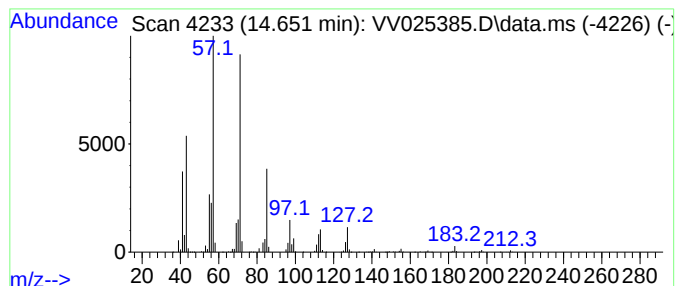
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	18.15 ug/L	2709130	1,4-Dichlorobenzene-d4	11.246

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Octane, 2-methyl-	128	C9H20	003221-61-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

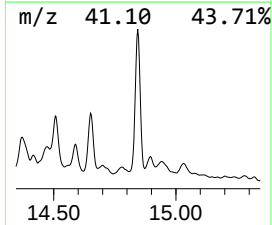
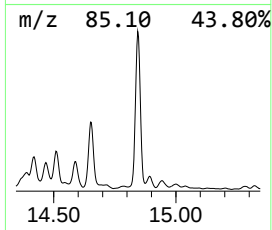
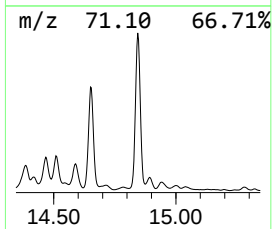
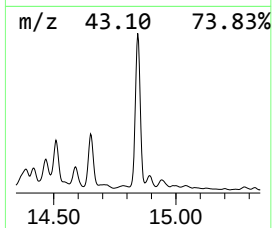
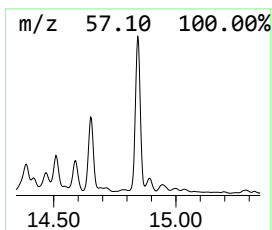
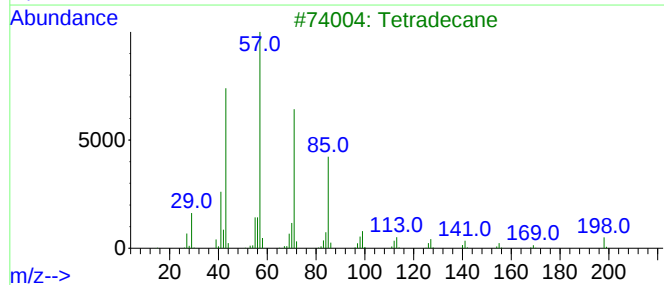
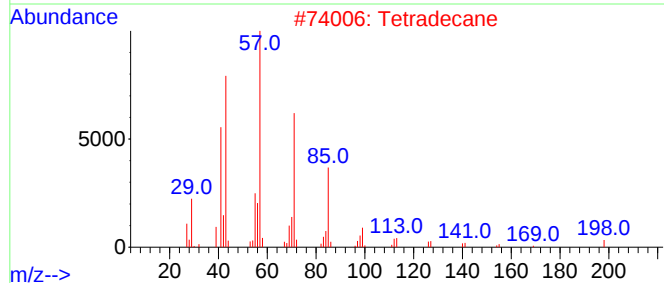
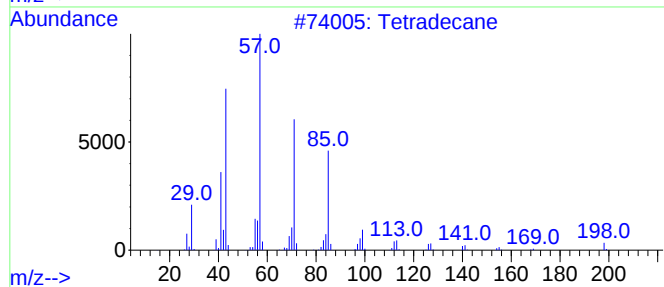
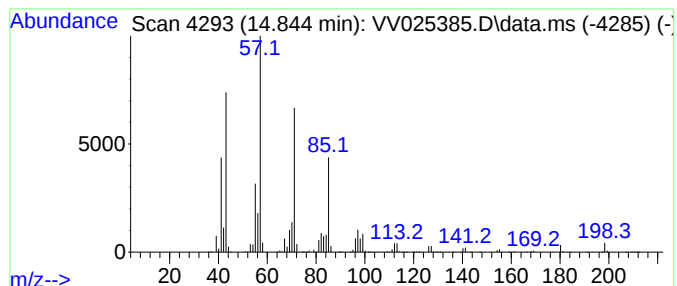
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	39.90 ug/L	5954030	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	83
5			Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

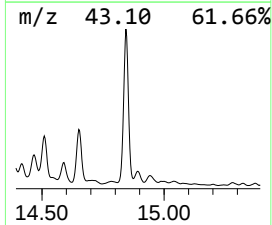
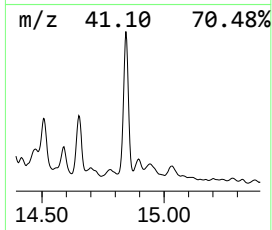
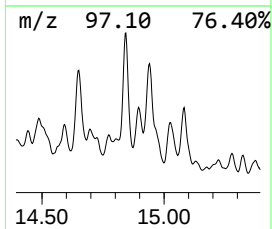
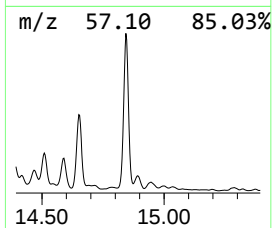
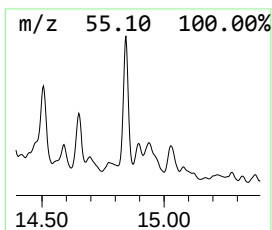
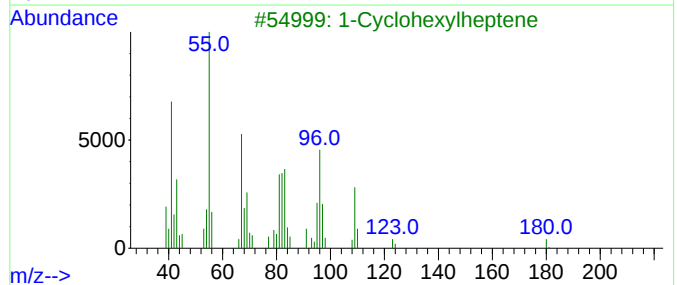
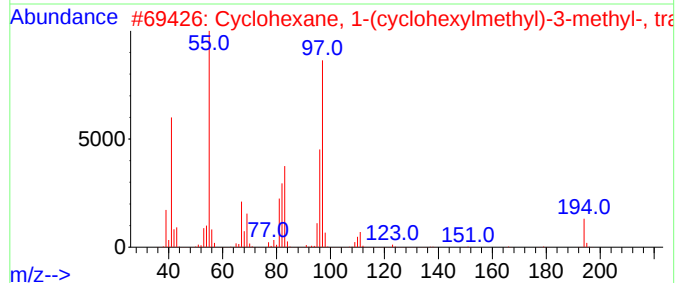
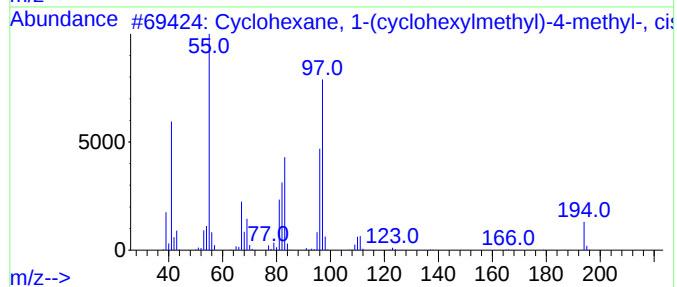
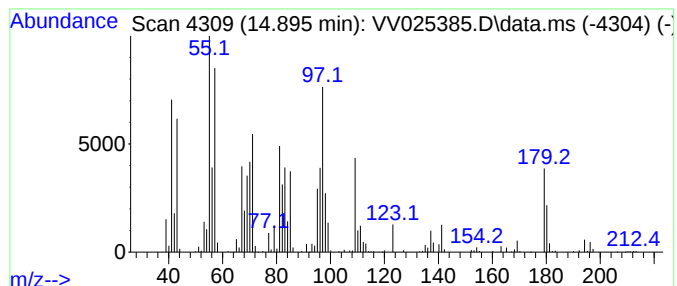
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 38 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.895	3.57 ug/L	533208	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-97-1	46
2			Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-95-9	43
3			1-Cyclohexylheptene	180	C13H24	114614-83-4	42
4			Tetradecanal	212	C14H28O	000124-25-4	38
5			Tetradecanal	212	C14H28O	000124-25-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

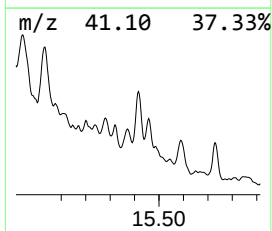
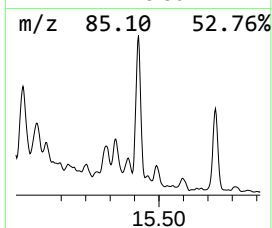
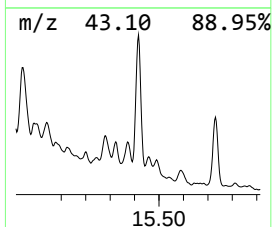
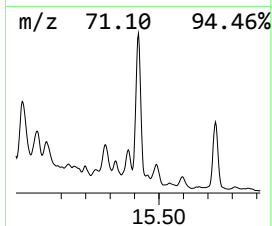
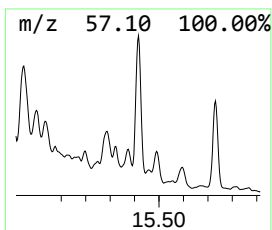
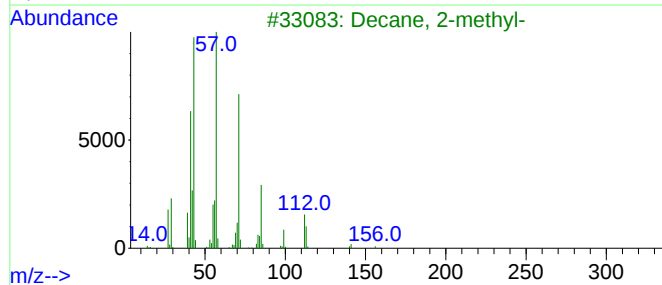
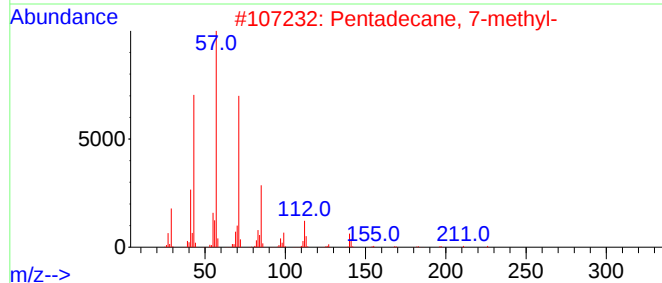
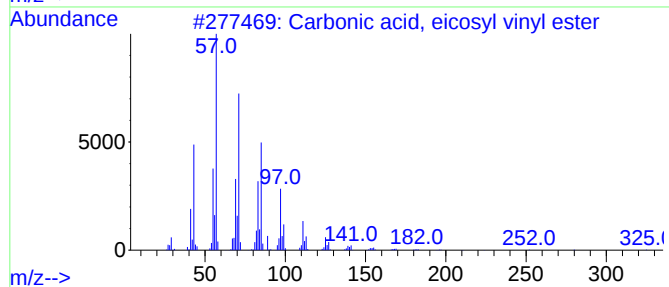
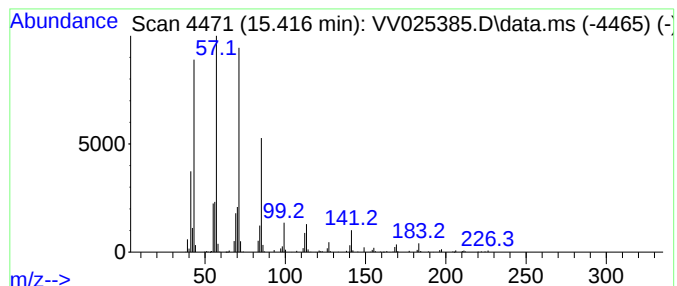
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 39 Carbonic acid, eicosyl vinyl... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	2.90 ug/L	433511	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3			Decane, 2-methyl-	156	C11H24	006975-98-0	87
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

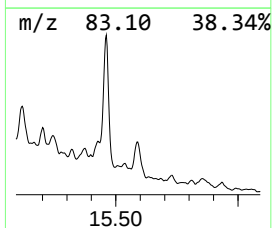
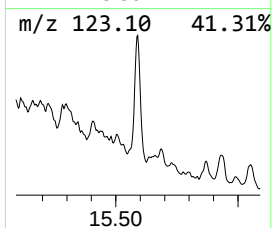
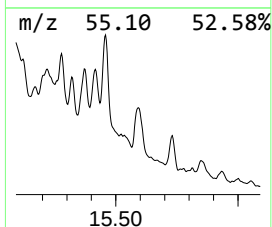
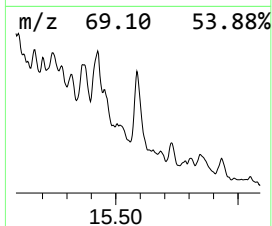
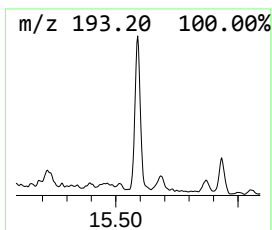
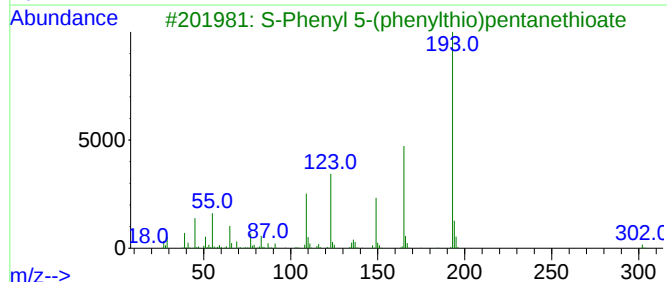
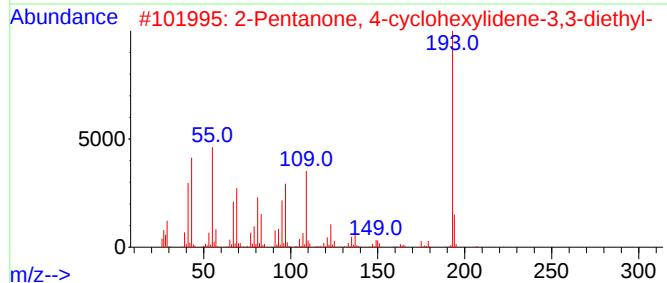
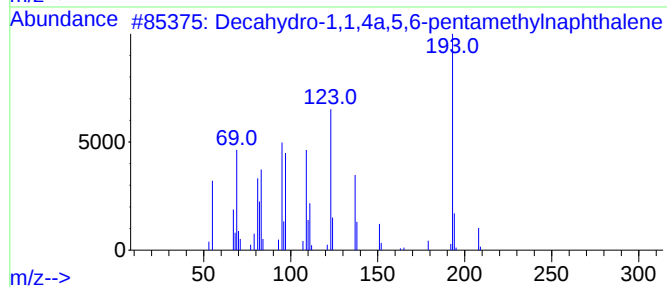
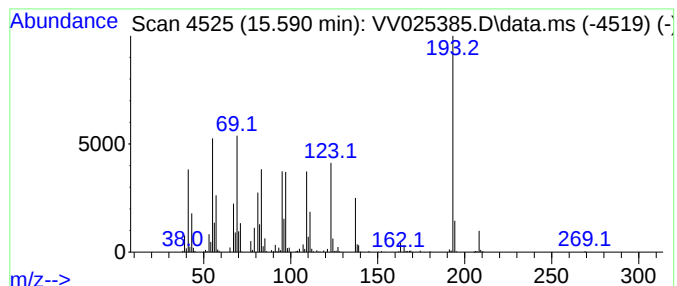
Instrument :
MSVOA_V
ClientSampleId :
BFY46

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 40 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.590	3.27 ug/L	488391	1,4-Dichlorobenzene-d4	11.246	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	76
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	37
4	Acetylene, 1-(2-aminophenyl)-2-p...	193	C14H11N	1000380-73-4	27
5	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025385.D
Acq On : 07 Apr 2022 14:52
Operator : SY/MD
Sample : N2261-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY46

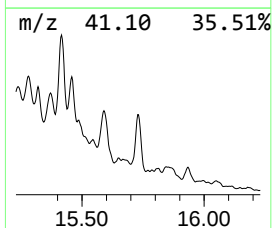
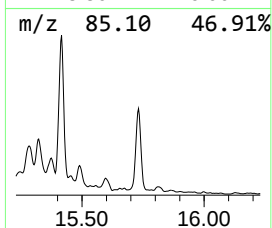
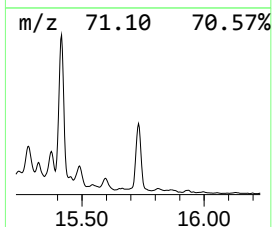
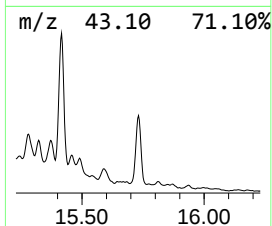
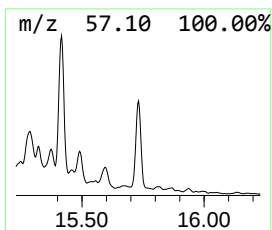
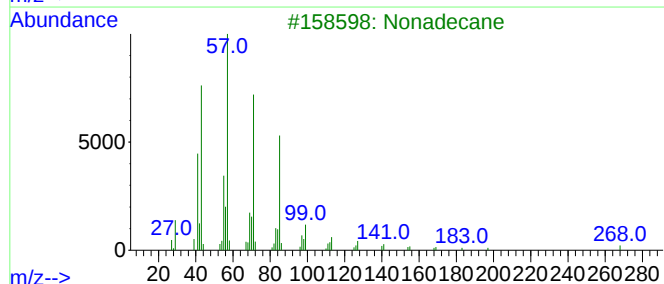
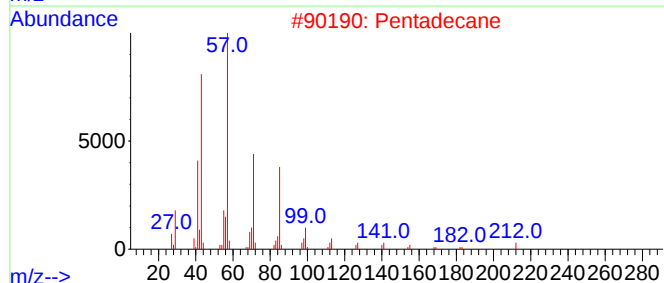
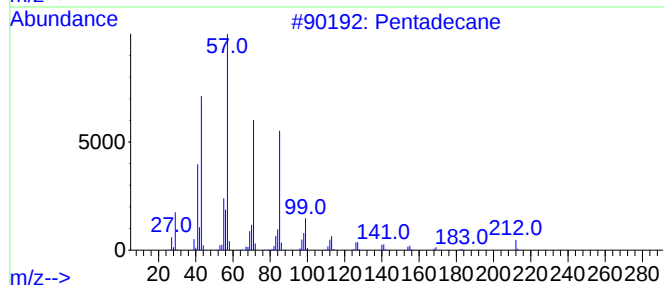
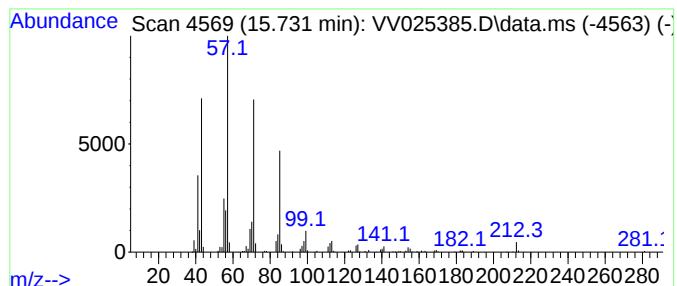
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	2.11 ug/L	314775	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Pentadecane	212	C15H32	000629-62-9	92
3			Nonadecane	268	C19H40	000629-92-5	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025385.D
 Acq On : 07 Apr 2022 14:52
 Operator : SY/MD
 Sample : N2261-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY46

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.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
unknown-01	1.105	0.8	ug/L	101010	1	5.609	620453	5.0
Heptanal	9.809	1.2	ug/L	168377	2	8.850	712782	5.0
(DEL) Alkane: S...	10.124	1.6	ug/L	245780	3	11.246	746193	5.0
(DEL) Alkane: S...	10.574	0.7	ug/L	104474	3	11.246	746193	5.0
(DEL) Alkane: S...	10.911	3.3	ug/L	484586	3	11.246	746193	5.0
(DEL) Alkane: S...	11.030	1.4	ug/L	204271	3	11.246	746193	5.0
Carbonic acid, ...	11.146	7.3	ug/L	1092820	3	11.246	746193	5.0
(DEL) Alkane: S...	11.320	0.8	ug/L	113586	3	11.246	746193	5.0
(DEL) Alkane: S...	11.387	3.3	ug/L	486167	3	11.246	746193	5.0
(DEL) Alkane: S...	11.426	3.4	ug/L	511985	3	11.246	746193	5.0
unknown-02	11.567	0.8	ug/L	113849	3	11.246	746193	5.0
(DEL) Alkane: S...	11.783	1.2	ug/L	180738	3	11.246	746193	5.0
(DEL) Alkane: S...	11.847	0.9	ug/L	129557	3	11.246	746193	5.0
trans-Decalin, ...	12.259	3.1	ug/L	462307	3	11.246	746193	5.0
Nonanal	12.342	6.6	ug/L	979389	3	11.246	746193	5.0
Naphthalene, de...	12.468	4.3	ug/L	636093	3	11.246	746193	5.0
(DEL) Alkane: S...	12.503	1.7	ug/L	252504	3	11.246	746193	5.0
Cyclohexanone, ...	12.545	1.1	ug/L	157874	3	11.246	746193	5.0
(DEL) Alkane: S...	12.590	2.0	ug/L	300191	3	11.246	746193	5.0
(DEL) Alkane: C...	12.635	1.2	ug/L	178305	3	11.246	746193	5.0
4,4-Dimethyl-2-...	12.722	2.6	ug/L	386610	3	11.246	746193	5.0
Spiro[5.5]undecane	12.799	2.6	ug/L	396149	3	11.246	746193	5.0
(DEL) Alkane: S...	12.886	27.5	ug/L	4102680	3	11.246	746193	5.0
(DEL) Alkane: S...	13.037	30.5	ug/L	4556040	3	11.246	746193	5.0
cis,trans-1,6-D...	13.210	1.3	ug/L	188537	3	11.246	746193	5.0
Naphthalene, de...	13.262	4.0	ug/L	593218	3	11.246	746193	5.0
(DEL) Alkane: S...	13.429	7.3	ug/L	1094260	3	11.246	746193	5.0
(DEL) Alkane: C...	13.477	10.0	ug/L	1493780	3	11.246	746193	5.0
(DEL) Alkane: S...	13.542	18.4	ug/L	2745890	3	11.246	746193	5.0
(DEL) Alkane: S...	13.641	34.9	ug/L	5207120	3	11.246	746193	5.0
(DEL) Alkane: S...	13.902	62.8	ug/L	9375260	3	11.246	746193	5.0
(DEL) Alkane: S...	14.091	12.6	ug/L	1883830	3	11.246	746193	5.0
1,1'-Bicyclohexyl	14.371	12.6	ug/L	1886240	3	11.246	746193	5.0
(DEL) Alkane: C...	14.506	16.6	ug/L	2474550	3	11.246	746193	5.0
(DEL) Alkane: S...	14.651	18.1	ug/L	2709130	3	11.246	746193	5.0
(DEL) Alkane: S...	14.844	39.9	ug/L	5954030	3	11.246	746193	5.0
unknown-03	14.895	3.6	ug/L	533208	3	11.246	746193	5.0
Carbonic acid, ...	15.416	2.9	ug/L	433511	3	11.246	746193	5.0
Decahydro-1,1,4...	15.590	3.3	ug/L	488391	3	11.246	746193	5.0
(DEL) Alkane: S...	15.731	2.1	ug/L	314775	3	11.246	746193	5.0