

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025366.D
 Acq On : 06 Apr 2022 16:12
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

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: VV025366.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.127	2803	2826	2844	rBV	2656409	4088141	8.57%	1.511%
2	10.320	2872	2886	2892	rBV	573235	1103151	2.31%	0.408%
3	10.574	2952	2965	2971	rBV3	903661	1632827	3.42%	0.604%
4	10.834	3035	3046	3054	rBV3	852454	1366505	2.86%	0.505%
5	10.915	3062	3071	3095	rVB	5810902	9015458	18.89%	3.332%
6	11.037	3096	3109	3122	rBV	2254564	3620465	7.59%	1.338%
7	11.146	3132	3143	3153	rBV	9130791	13524072	28.34%	4.999%
8	11.194	3153	3158	3168	rVB4	506715	863042	1.81%	0.319%
9	11.275	3168	3183	3190	rBV2	647240	1448771	3.04%	0.536%
10	11.323	3190	3198	3207	rBV	1407991	2057027	4.31%	0.760%
11	11.391	3207	3219	3225	rVV	5235848	8720017	18.27%	3.223%
12	11.429	3225	3231	3240	rVB	6280990	9120897	19.11%	3.371%
13	11.571	3269	3275	3280	rVV2	863860	1327381	2.78%	0.491%
14	11.619	3281	3290	3301	rVV3	3819600	6773466	14.19%	2.504%
15	11.673	3301	3307	3314	rVV2	341342	547886	1.15%	0.203%
16	11.728	3317	3324	3331	rVV	666574	1040514	2.18%	0.385%
17	11.786	3332	3342	3351	rVV2	1950193	3299429	6.91%	1.220%
18	11.850	3354	3362	3375	rVB2	1146685	2422651	5.08%	0.895%
19	11.934	3377	3388	3396	rBV9	407001	895538	1.88%	0.331%
20	11.992	3398	3406	3421	rVB6	399941	1095468	2.30%	0.405%
21	12.262	3479	3490	3500	rBV	3370719	5475761	11.47%	2.024%
22	12.371	3517	3524	3530	rBV2	1458774	1988537	4.17%	0.735%
23	12.471	3547	3555	3562	rBV3	4949534	7590401	15.91%	2.806%
24	12.509	3562	3567	3574	rVV3	2556454	3479241	7.29%	1.286%
25	12.551	3575	3580	3587	rVV4	1112683	1845702	3.87%	0.682%
26	12.596	3588	3594	3601	rVV	2526076	3746776	7.85%	1.385%
27	12.641	3603	3608	3620	rVB4	1341289	2367783	4.96%	0.875%
28	12.728	3627	3635	3646	rVB2	2900878	4583712	9.61%	1.694%
29	12.805	3649	3659	3669	rBV5	2547025	5020915	10.52%	1.856%
30	12.895	3672	3687	3705	rBV3	23480777	47721253	100.00%	17.639%
31	13.046	3721	3734	3752	rBV4	18218464	45715832	95.80%	16.898%
32	13.217	3782	3787	3794	rBV4	1494779	2056713	4.31%	0.760%
33	13.275	3798	3805	3815	rVV4	2883932	5277753	11.06%	1.951%
34	13.487	3865	3871	3881	rVB3	8192997	12495299	26.18%	4.619%
35	13.545	3882	3889	3909	rVB4	8321188	16934322	35.49%	6.260%
36	13.644	3910	3920	3929	rBV5	6974014	14345567	30.06%	5.303%

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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

37	13.902	3994	4000	4006	rBV	5290443	6609411	13.85%	2.443%
38	14.091	4054	4059	4067	rVB6	2014361	2809571	5.89%	1.039%
39	14.374	4139	4147	4165	rVB	2662740	4664328	9.77%	1.724%
40	14.844	4285	4293	4302	rVB	1311055	1845258	3.87%	0.682%

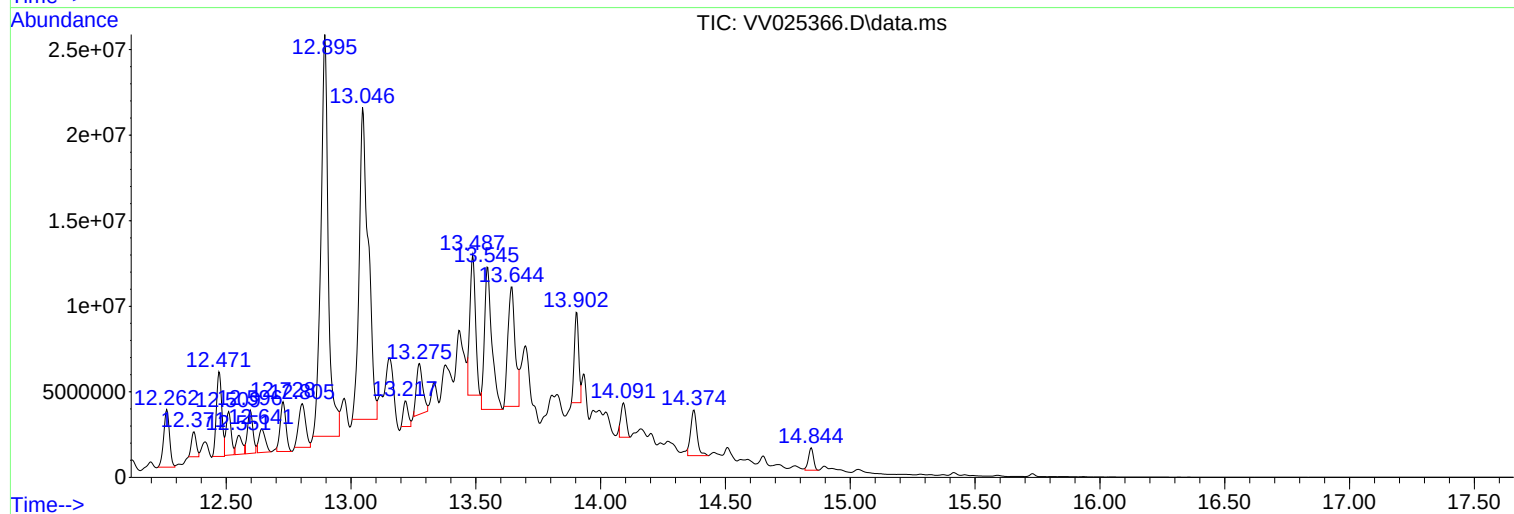
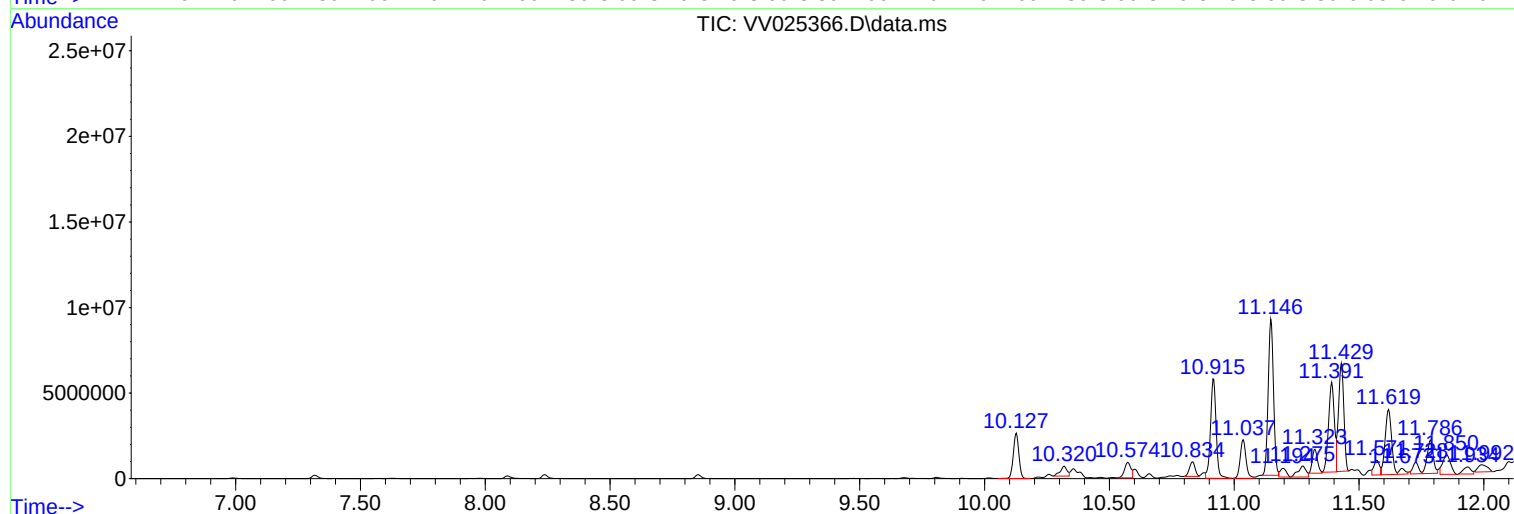
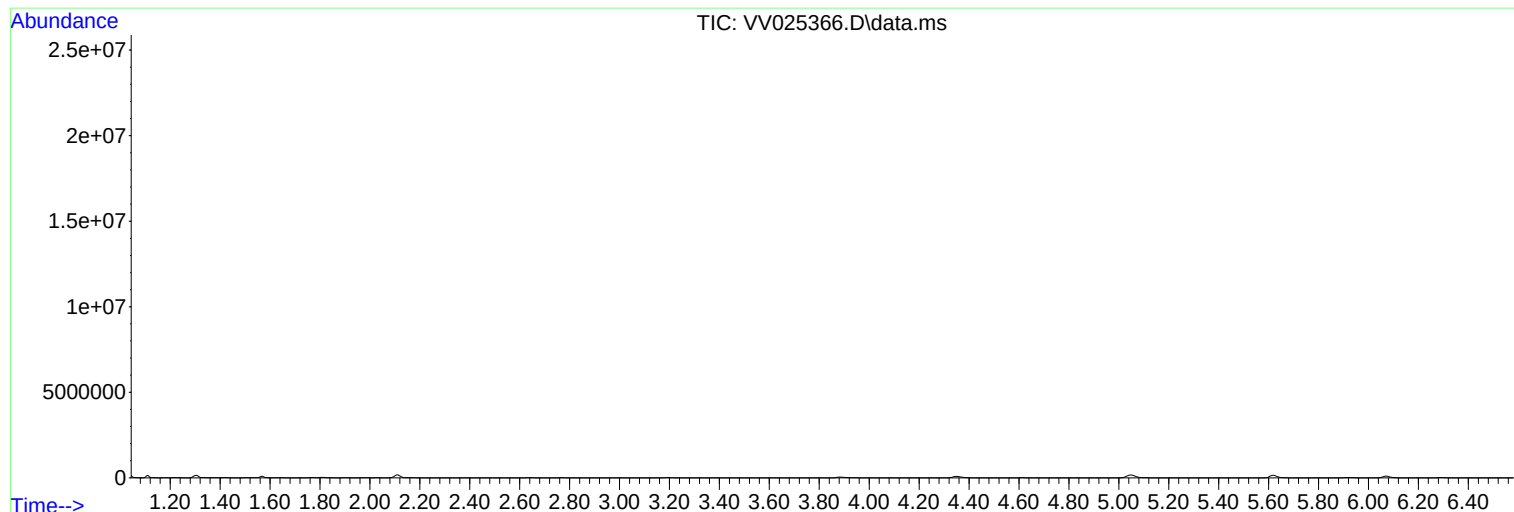
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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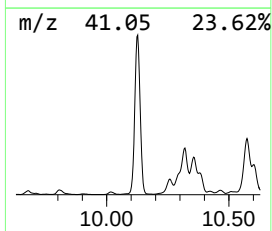
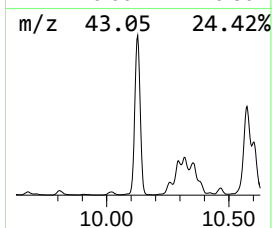
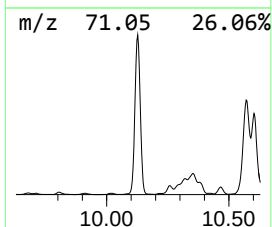
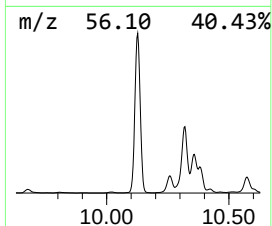
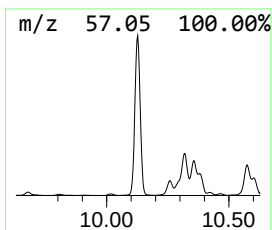
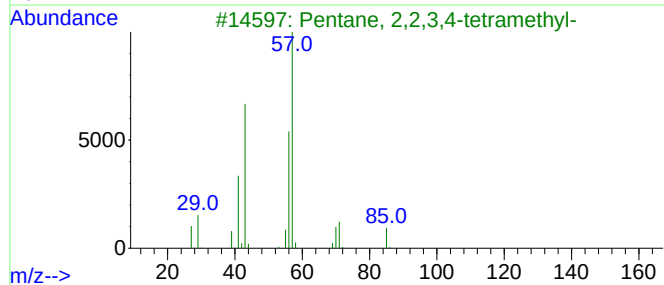
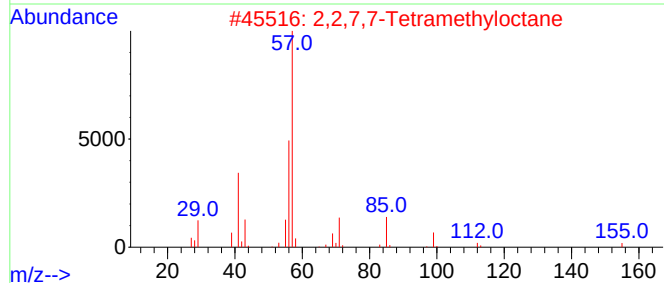
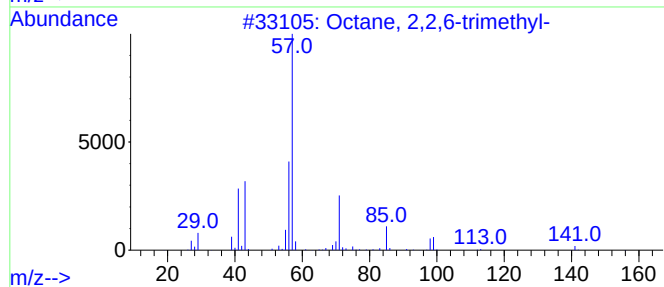
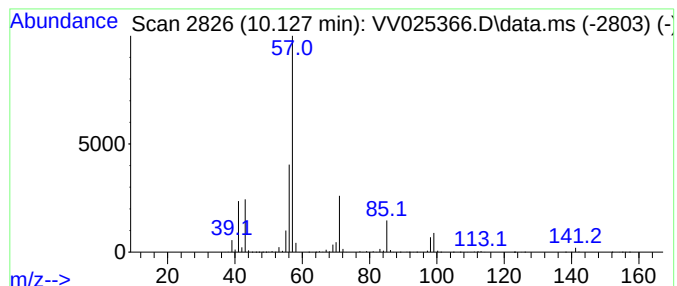
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	14.11 ug/L	4088140	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	90	
2	2,2,7,7-Tetramethyloctane		170	C12H26	001071-31-4	59	
3	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	59	
4	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	59	
5	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	59	



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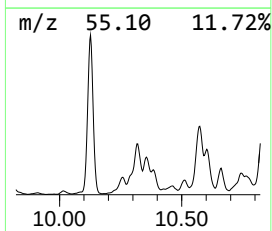
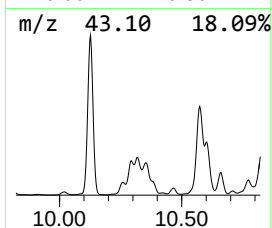
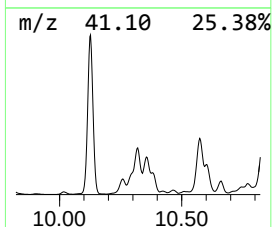
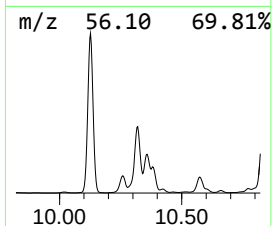
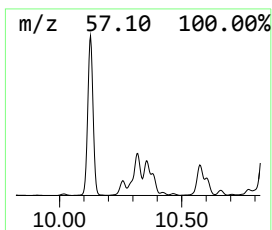
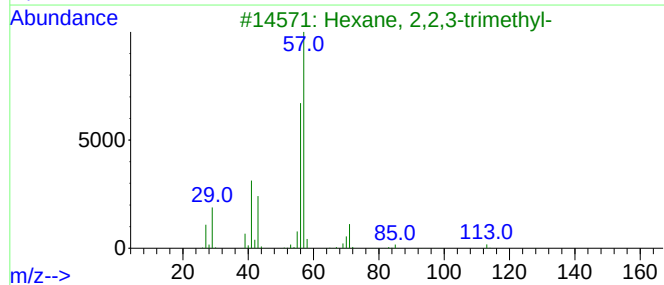
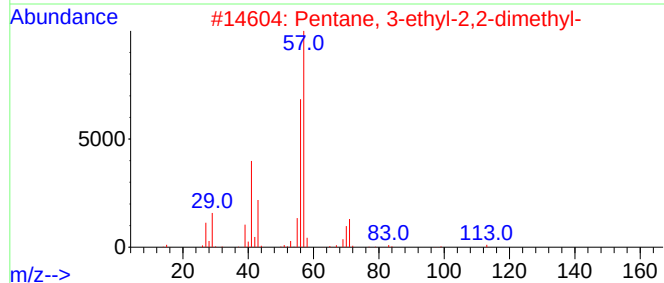
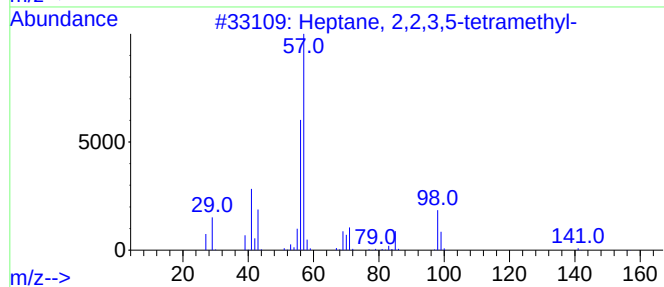
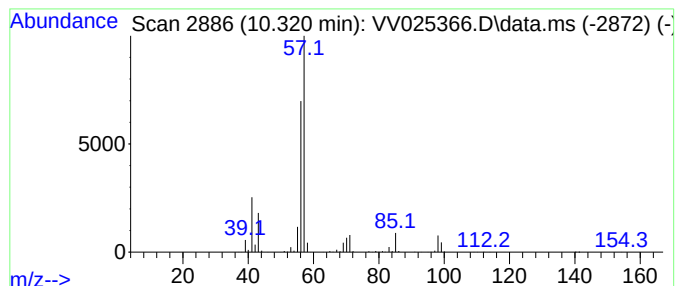
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.320	3.81 ug/L	1103150	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	74
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
3			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

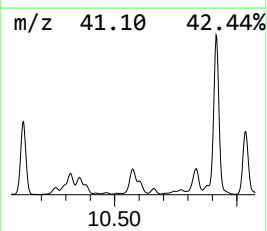
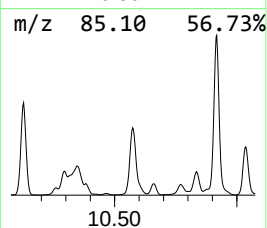
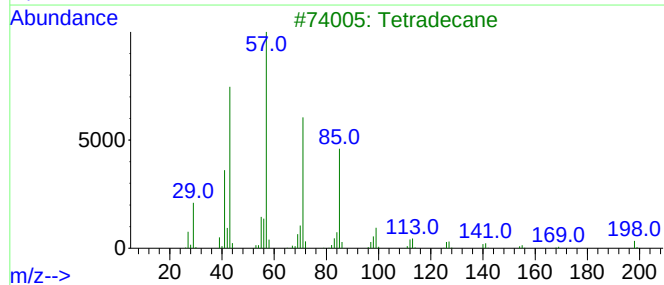
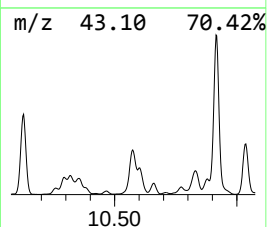
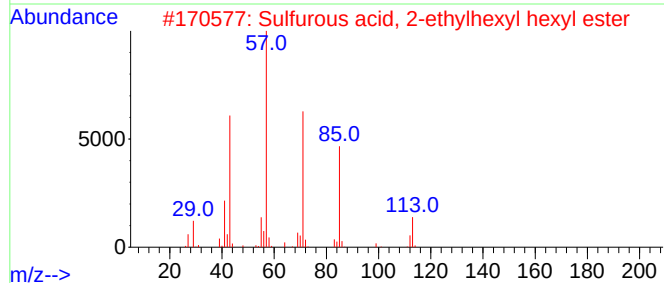
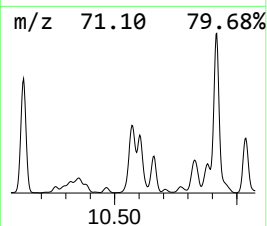
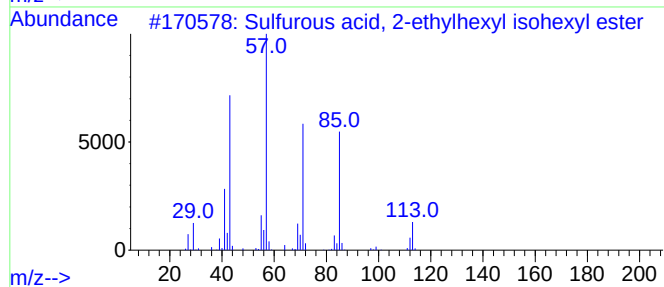
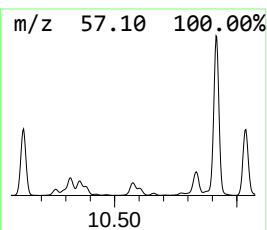
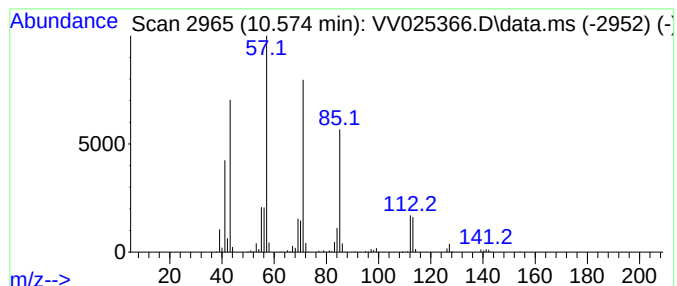
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.574	5.64 ug/L	1632830	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
2			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
3			Tetradecane	198	C14H30	000629-59-4	72
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



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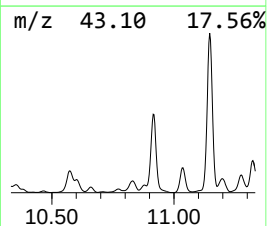
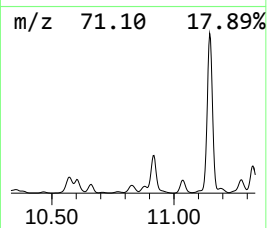
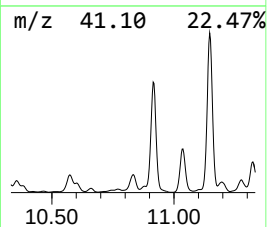
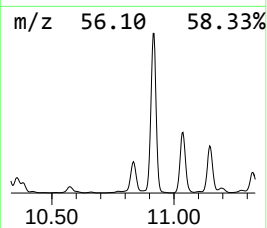
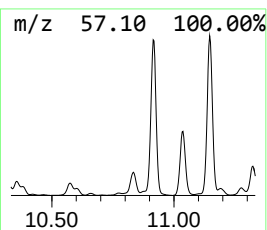
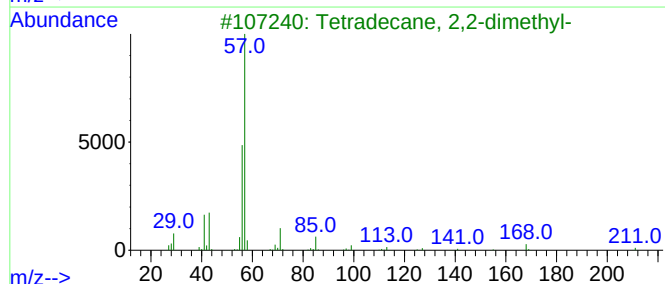
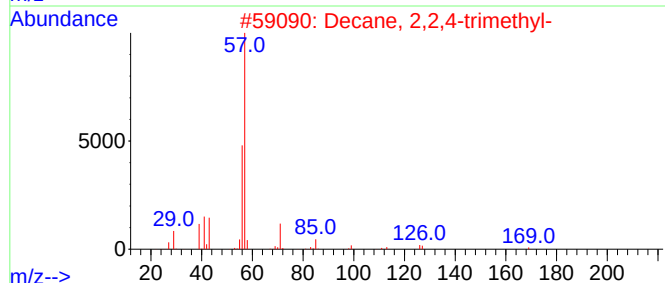
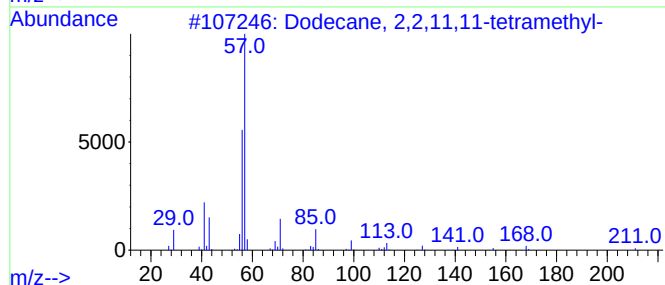
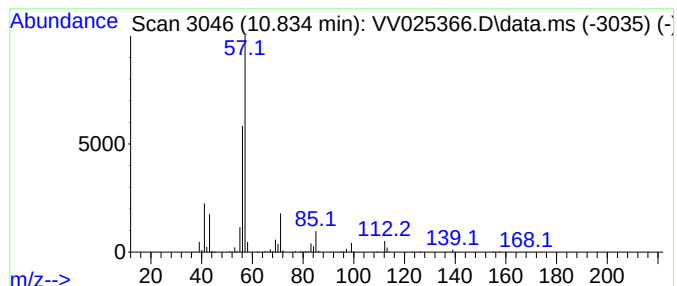
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	4.72 ug/L	1366510	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	78
2			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72
3			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
5			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	72



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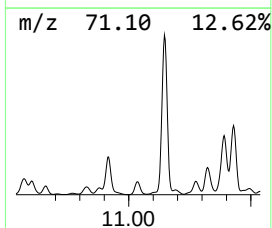
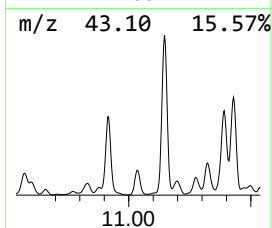
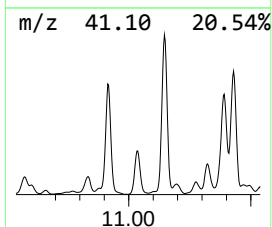
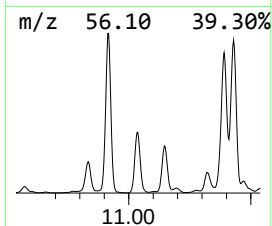
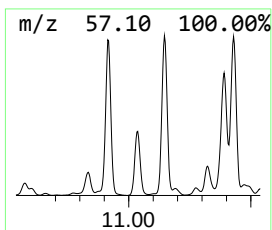
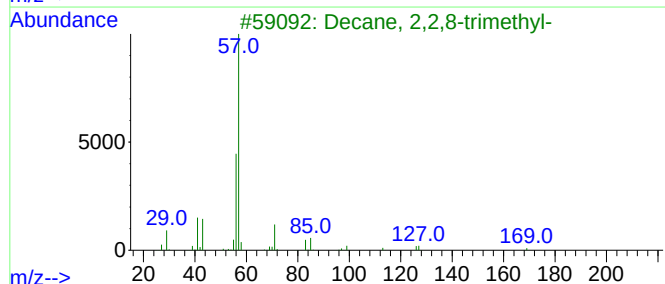
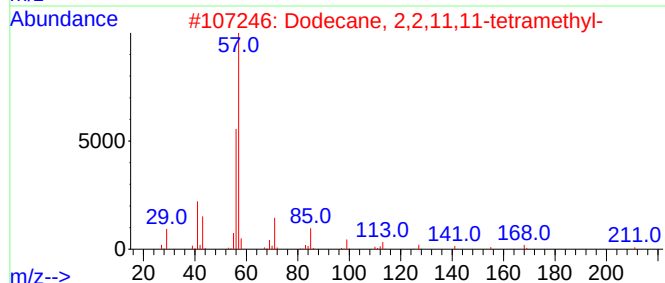
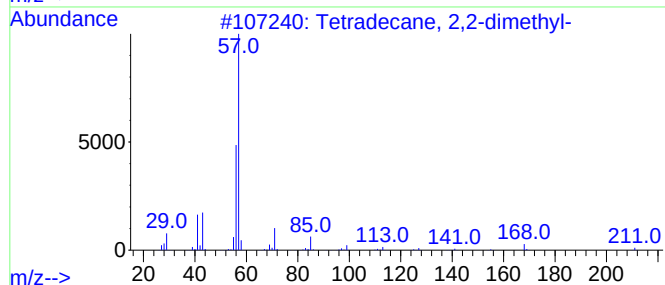
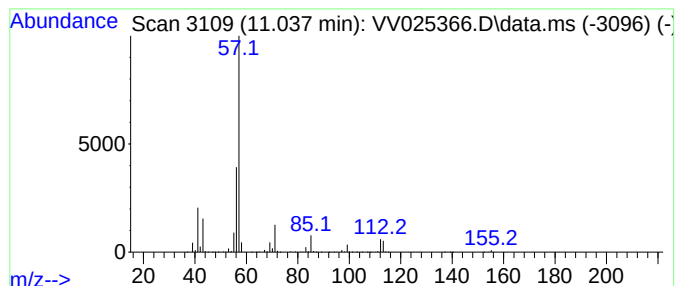
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MSVOA_V
ClientSampleId :
BFY41

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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 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.037	12.49 ug/L	3620470	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	78
2	Dodecane, 2,2,11,11-tetramethyl-		226	C16H34	127204-12-0	78
3	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	72
4	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
5	Decane, 2,2,5-trimethyl-		184	C13H28	062237-96-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

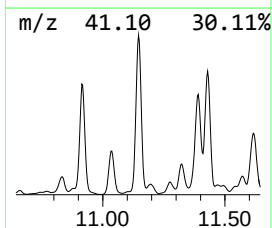
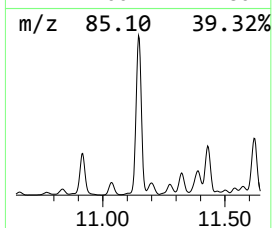
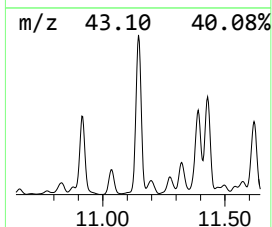
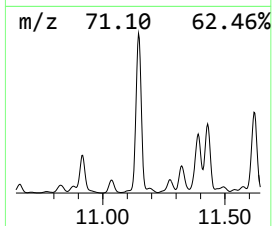
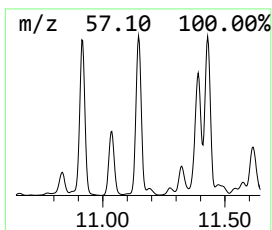
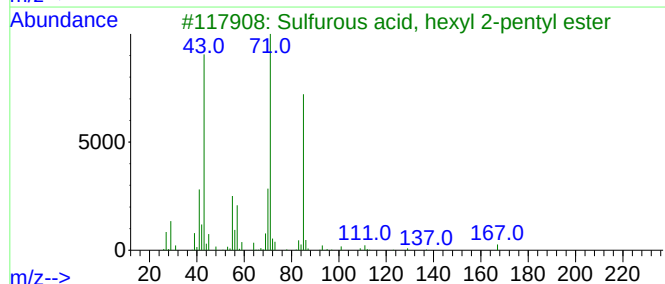
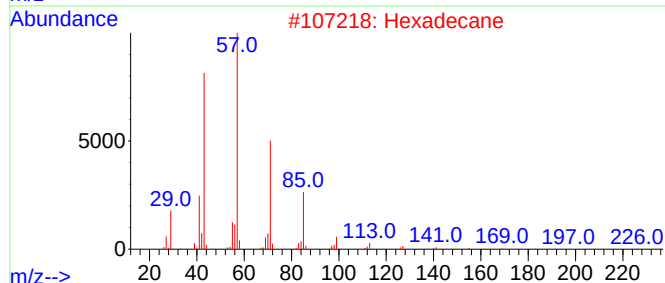
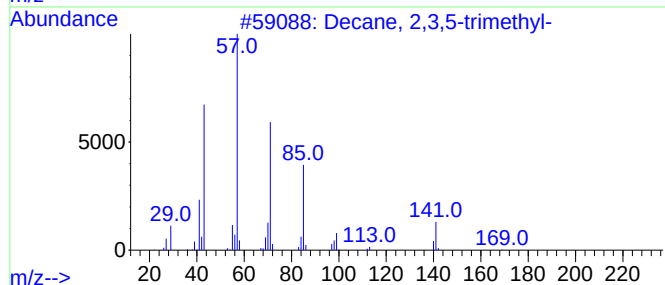
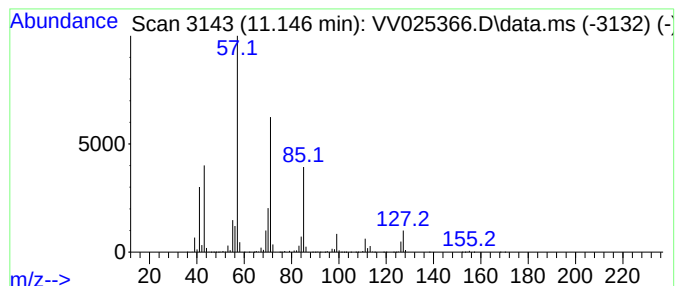
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	46.67 ug/L	13524100	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
2			Hexadecane	226	C16H34	000544-76-3	64
3			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

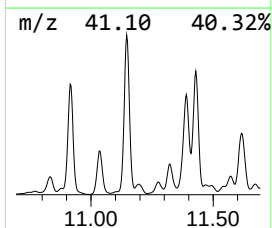
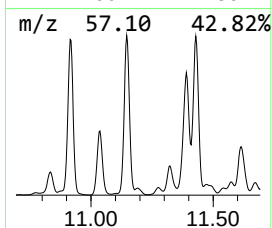
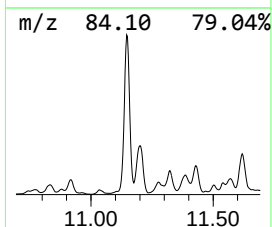
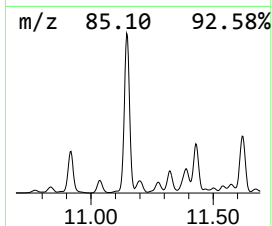
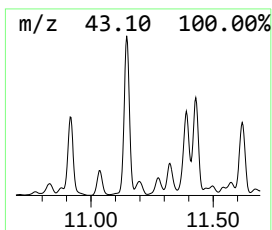
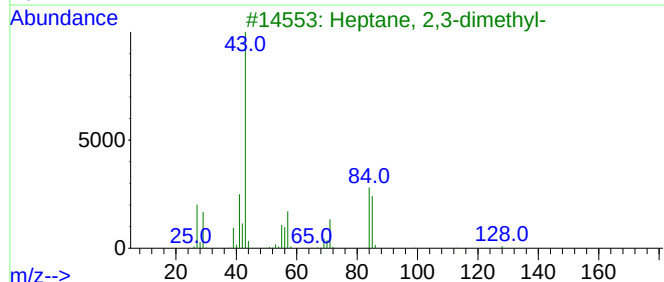
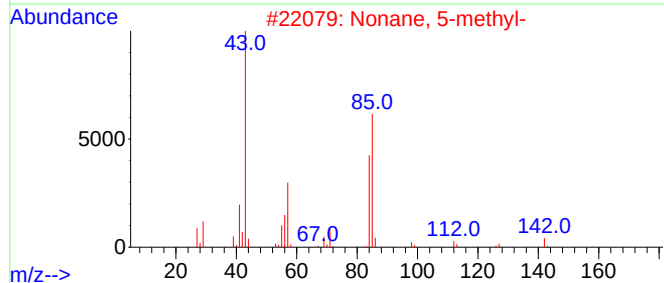
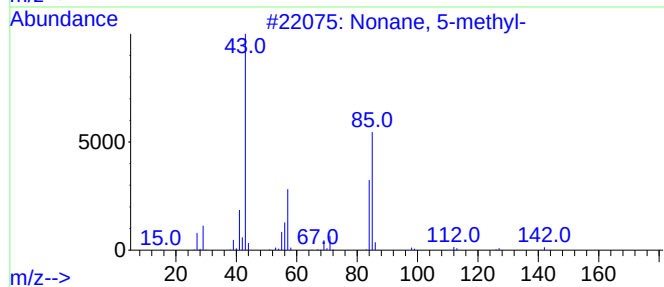
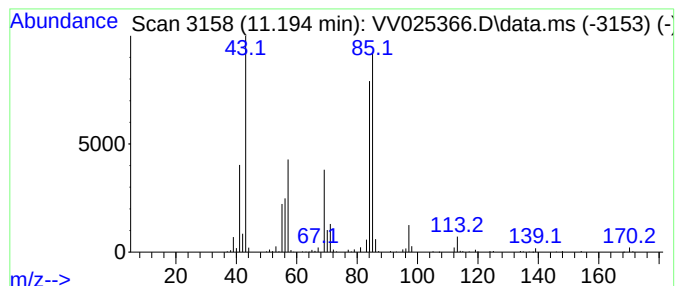
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.194	2.98 ug/L	863042	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 5-methyl-		142	C10H22	015869-85-9	80
2	Nonane, 5-methyl-		142	C10H22	015869-85-9	72
3	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	64
4	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	56
5	Heptane, 3,4,5-trimethyl-		142	C10H22	020278-89-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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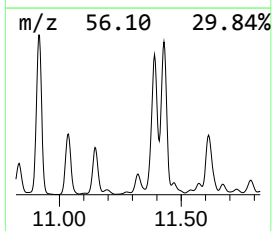
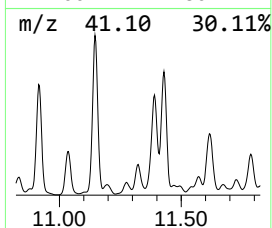
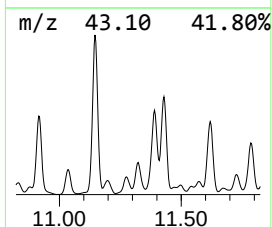
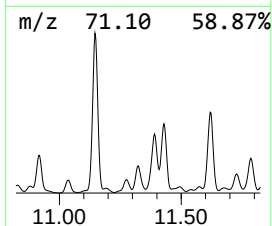
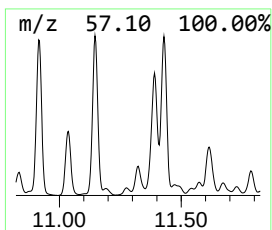
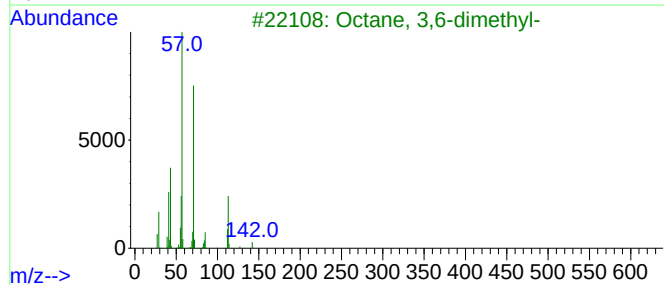
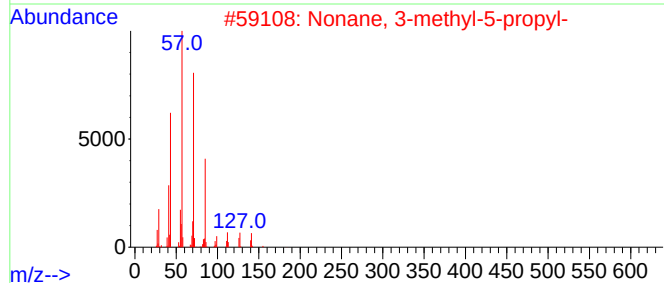
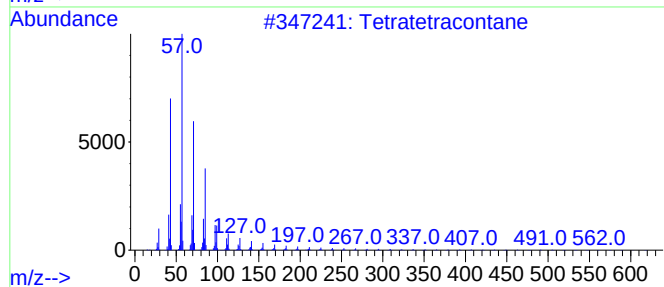
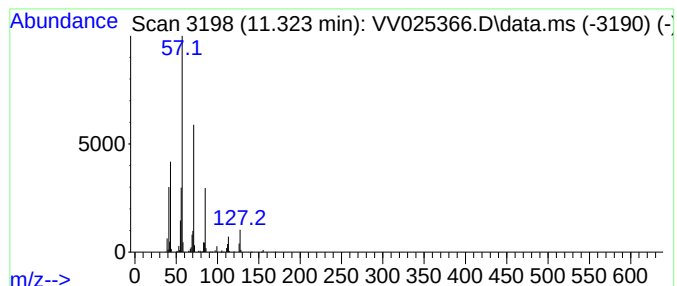
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.323	7.10 ug/L	2057030	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	64
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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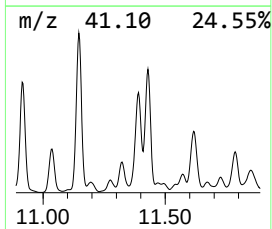
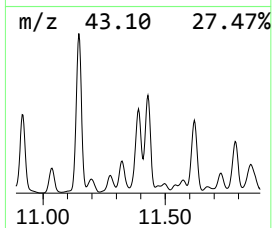
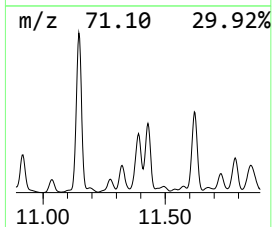
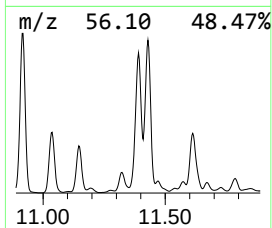
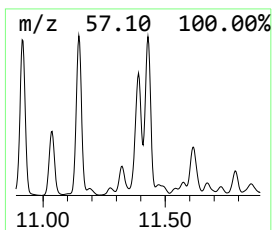
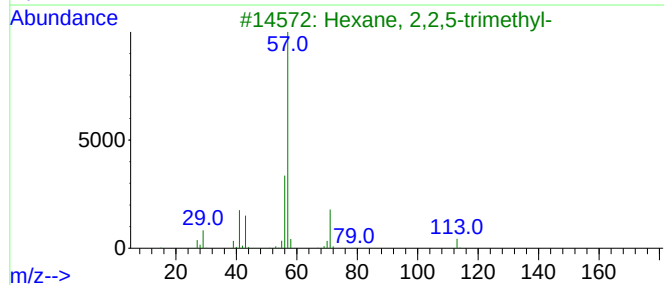
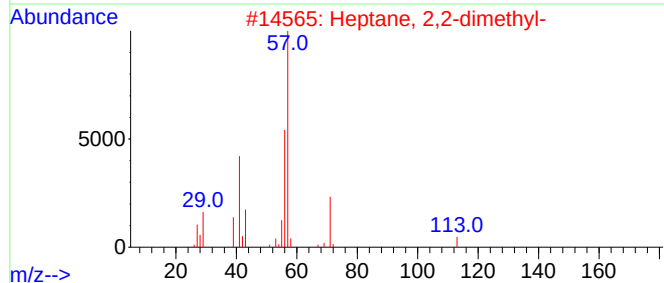
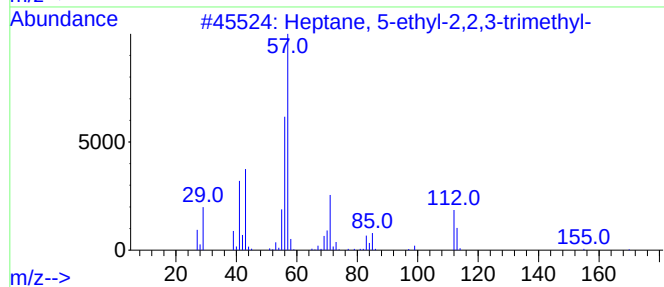
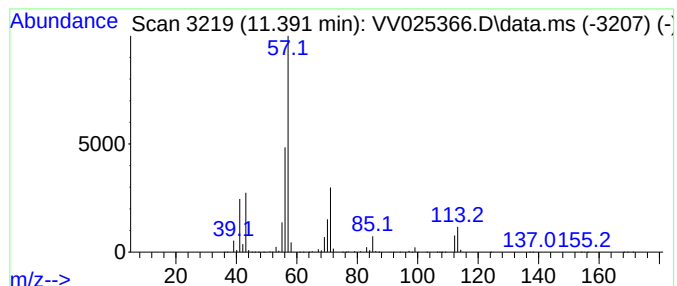
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	30.09 ug/L	8720020	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	74
2			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

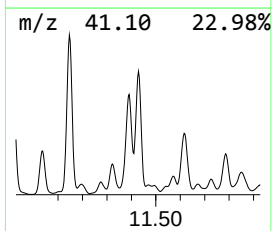
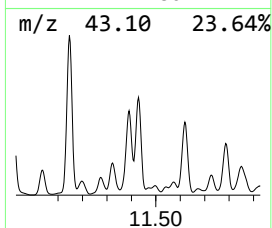
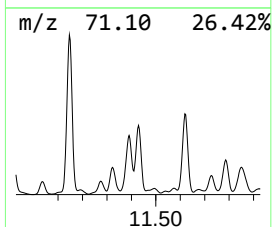
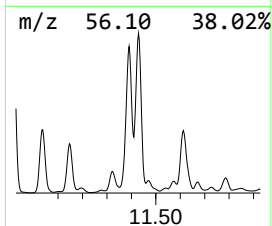
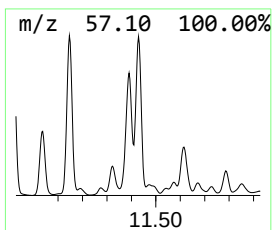
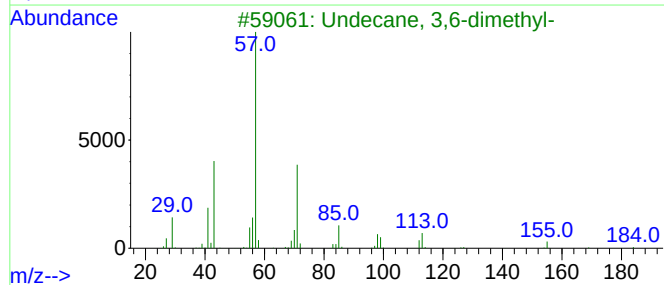
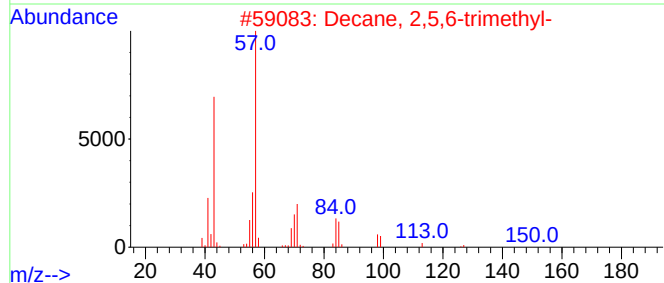
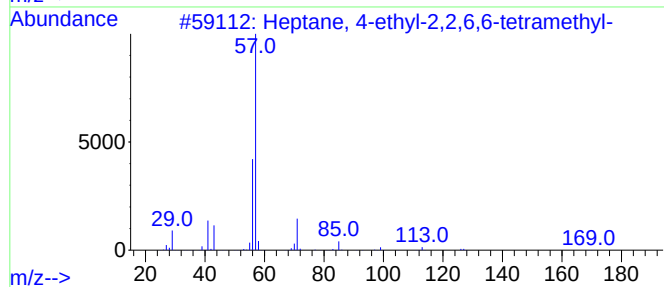
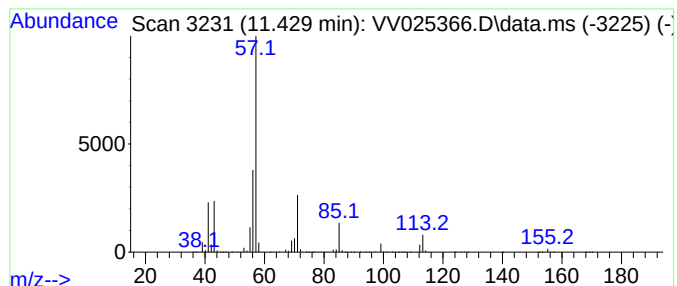
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.429	31.48 ug/L	9120900	1,4-Dichlorobenzene-d4	11.249

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			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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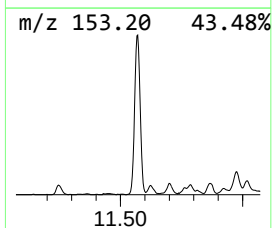
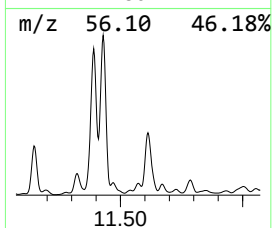
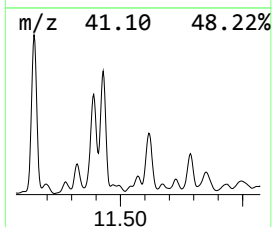
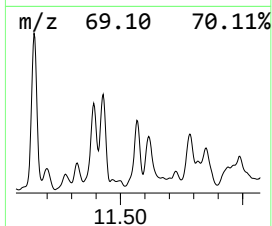
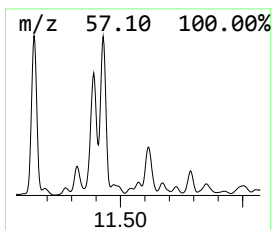
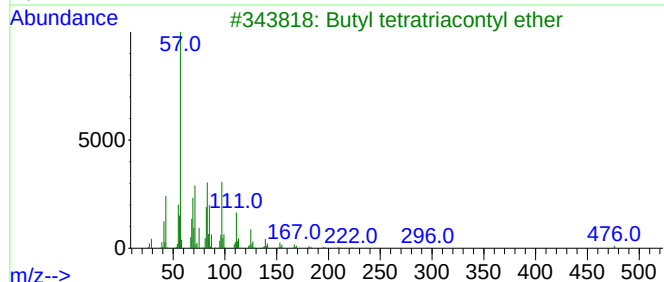
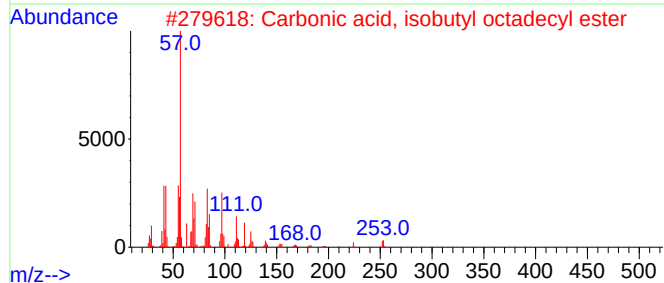
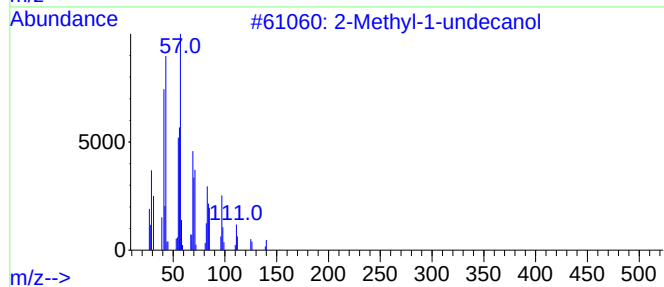
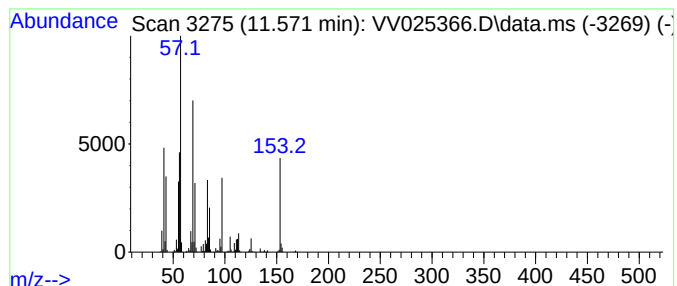
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 2-Methyl-1-undecanol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.571	4.58 ug/L	1327380	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-1-undecanol	186	C12H26O	010522-26-6	53
2			Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	50
3			Butyl tetratriacontyl ether	551	C38H78O	1000406-41-4	37
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

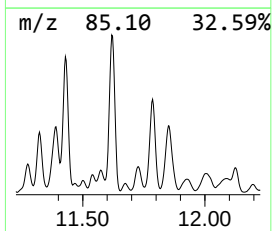
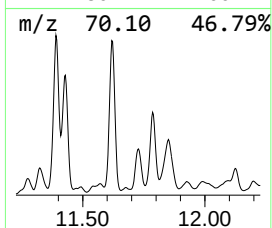
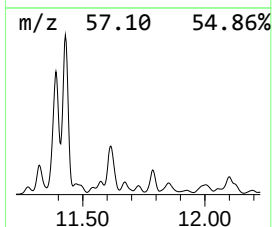
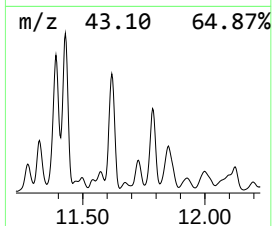
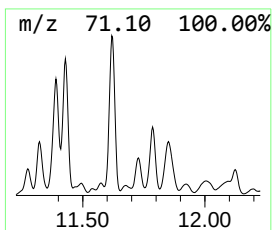
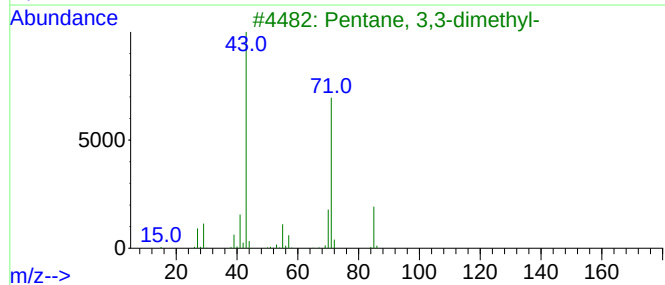
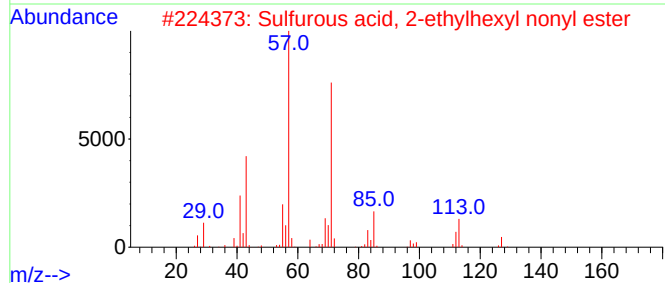
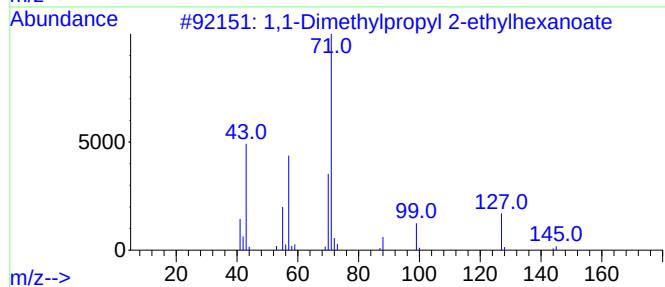
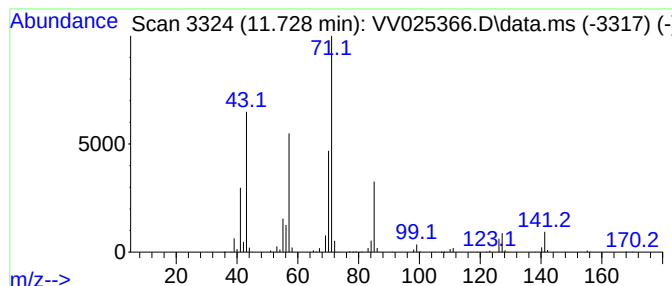
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 1,1-Dimethylpropyl 2-ethylh... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	3.59 ug/L	1040510	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	53
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53
4			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

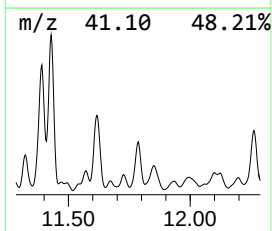
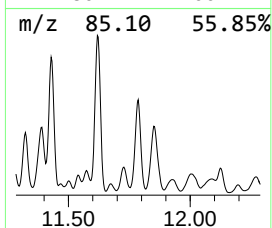
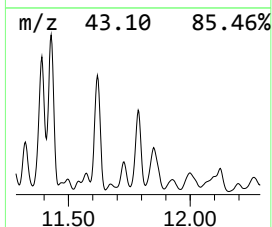
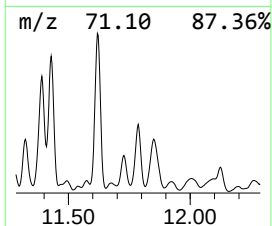
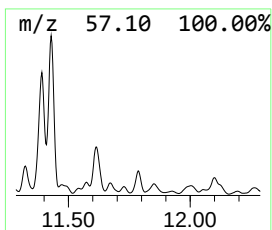
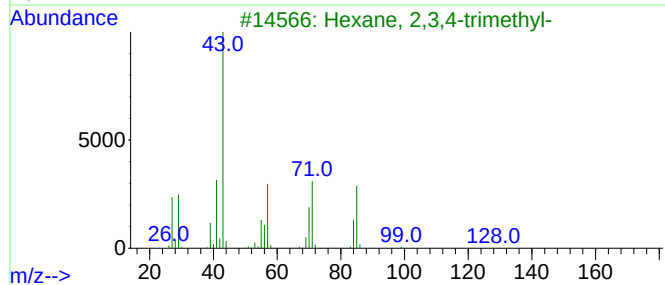
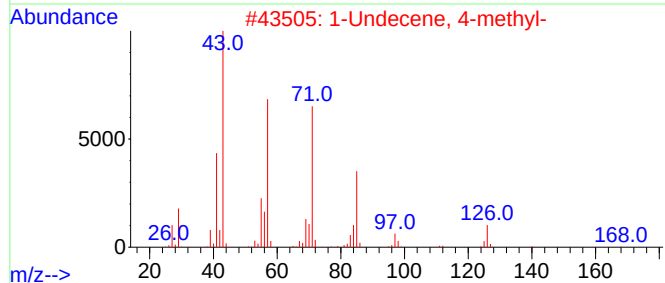
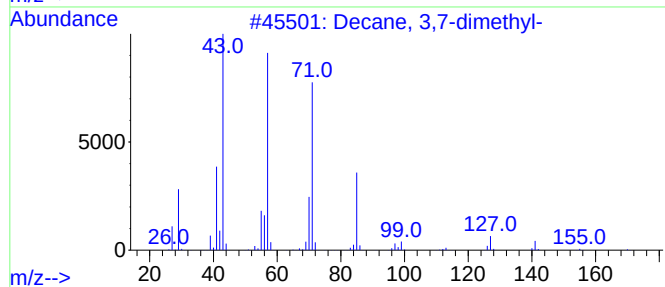
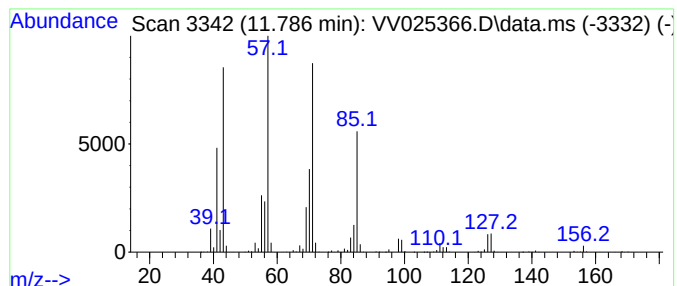
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	11.39 ug/L	3299430	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	83
2		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	72
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4		Decane, 4-methyl-	156	C11H24	002847-72-5	50
5		Decane, 4-methyl-	156	C11H24	002847-72-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

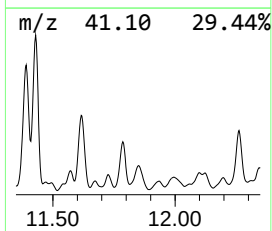
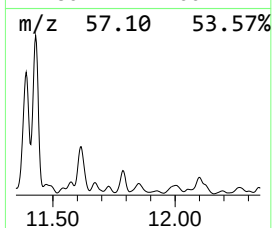
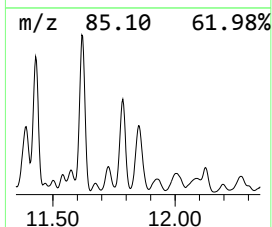
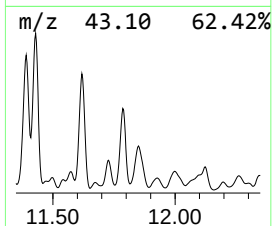
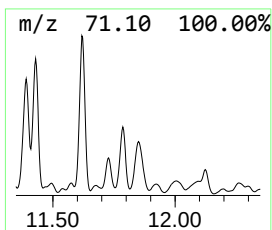
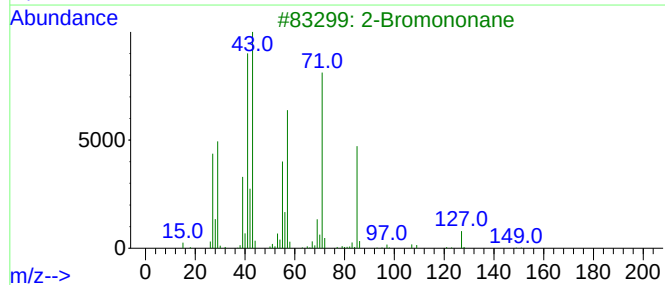
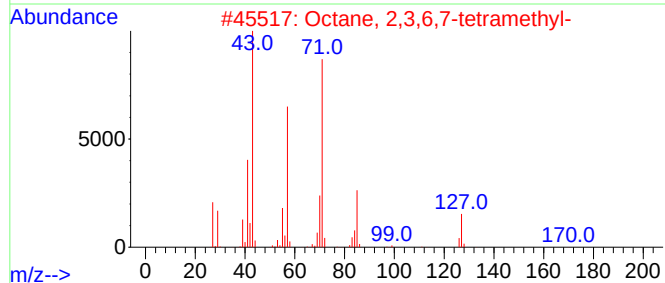
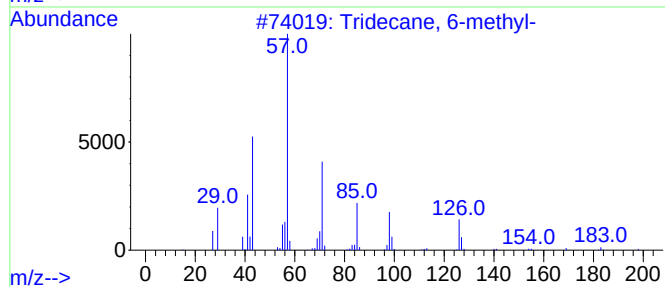
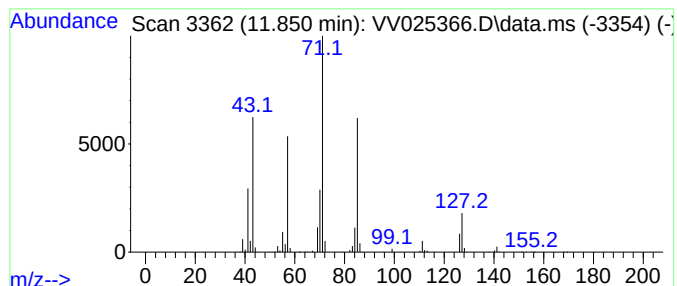
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.850	8.36 ug/L	2422650	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
2			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	72
3			2-Bromononane	206	C9H19Br	002216-35-5	64
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

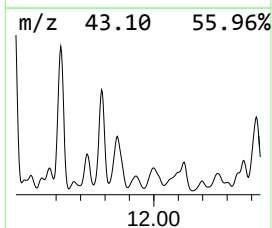
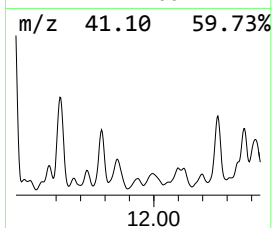
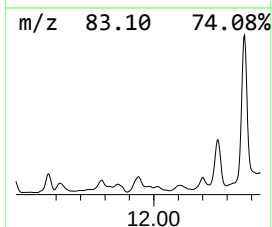
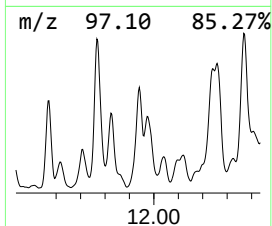
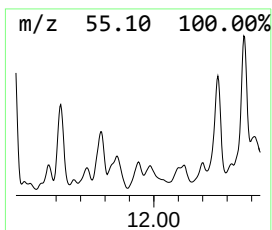
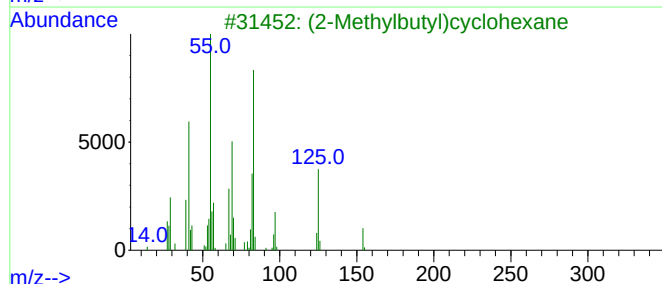
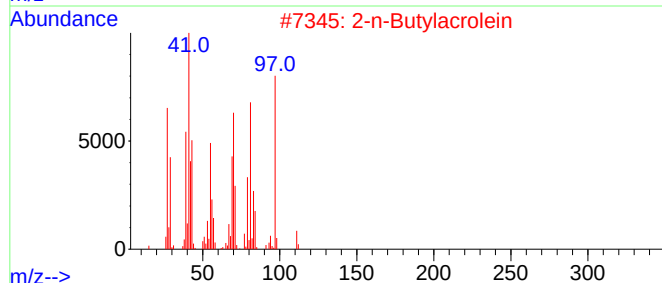
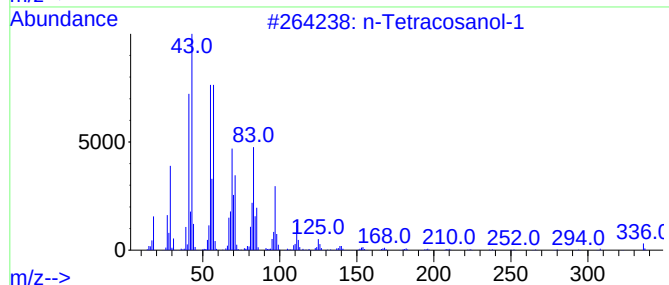
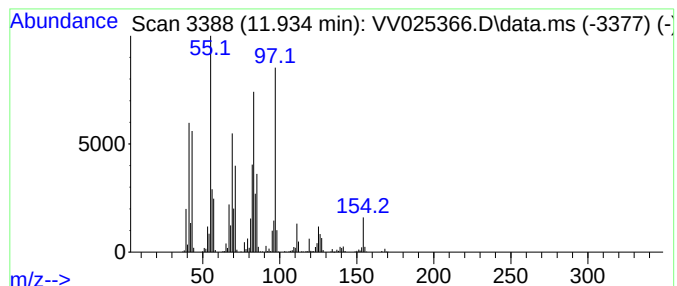
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 n-Tetracosanol-1 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	3.09 ug/L	895538	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	50
2			2-n-Butylacrolein	112	C7H12O	001070-66-2	46
3			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	38
4			2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	30
5			Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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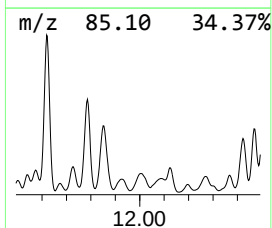
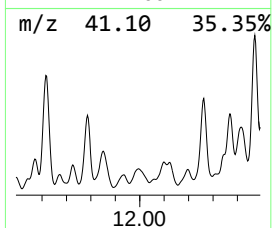
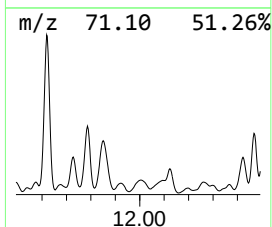
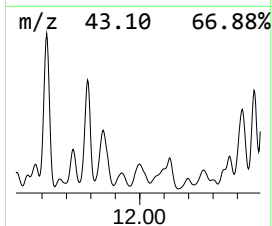
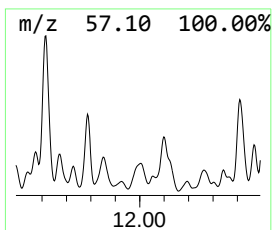
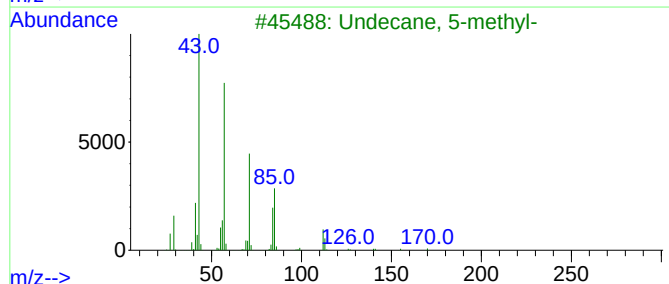
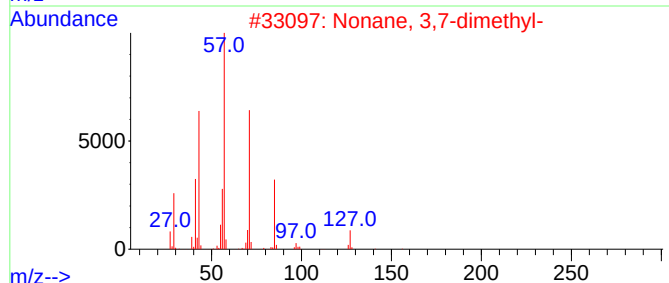
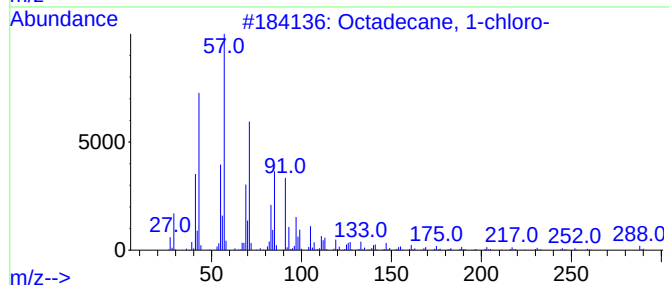
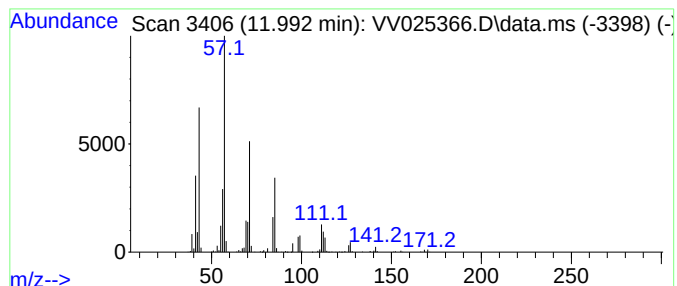
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Octadecane, 1-chloro- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.78 ug/L	1095470	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

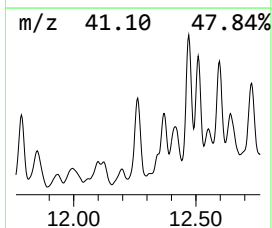
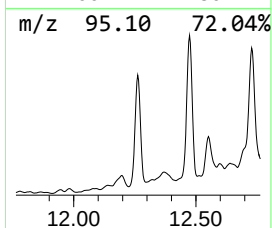
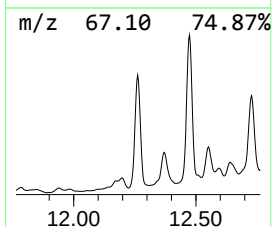
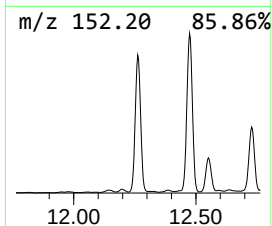
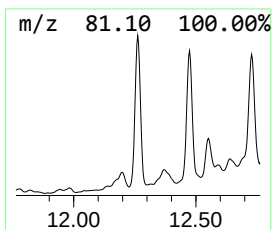
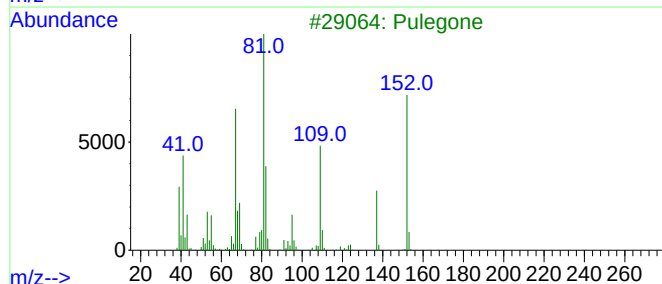
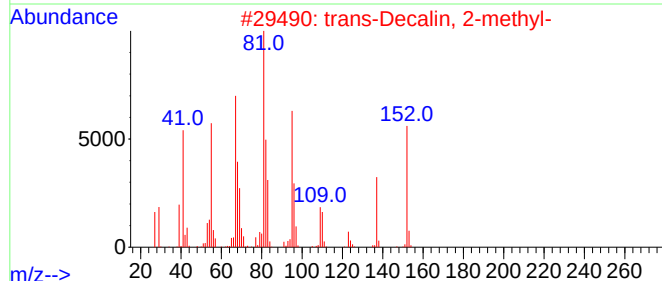
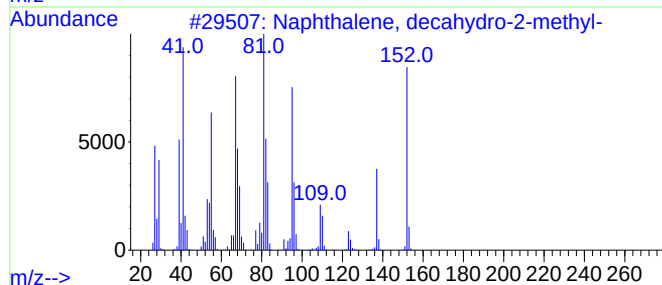
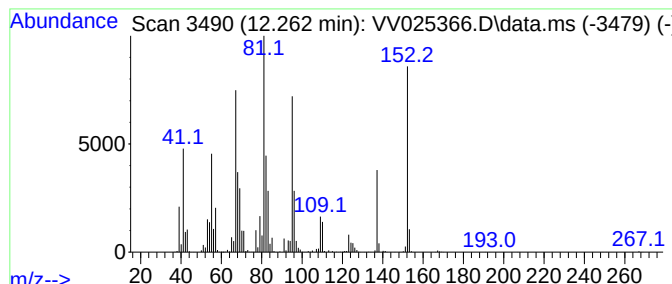
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.262	18.90 ug/L	5475760	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3		Pulegone	152	C10H16O	000089-82-7	87
4		Pulegone	152	C10H16O	000089-82-7	87
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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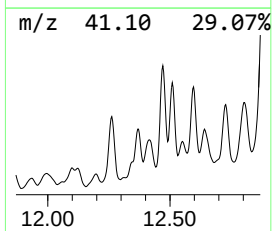
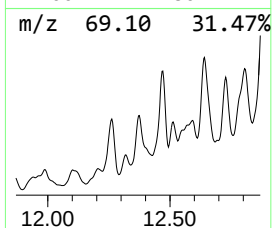
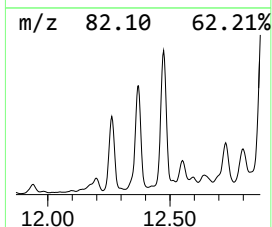
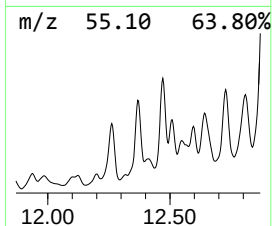
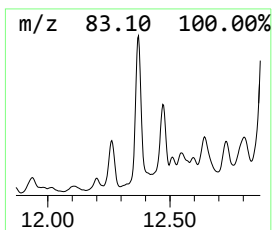
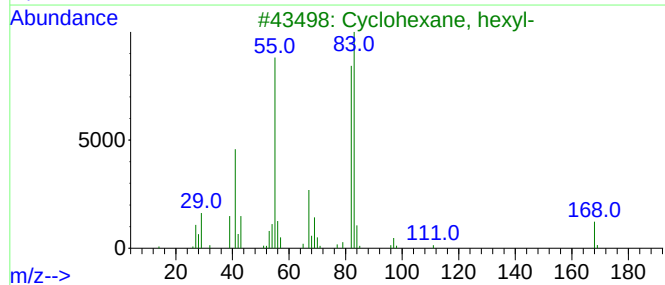
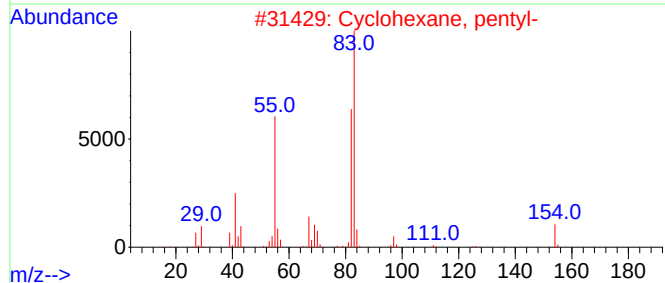
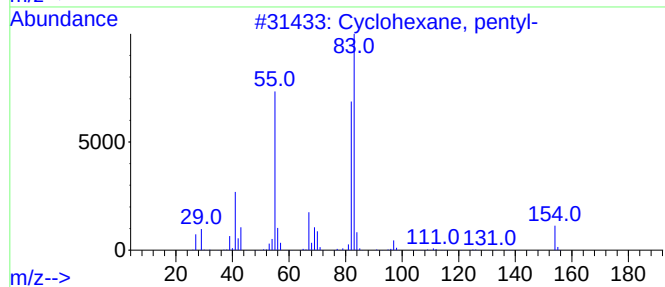
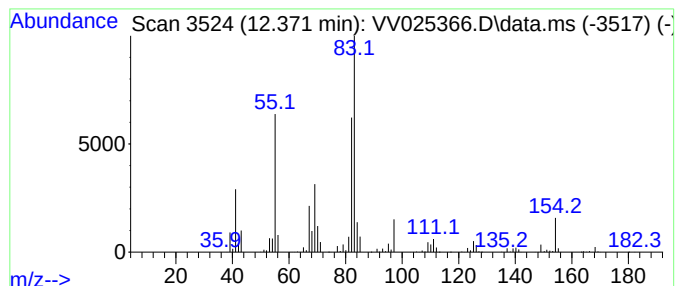
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Cyclic12.371 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.371	6.86 ug/L	1988540	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

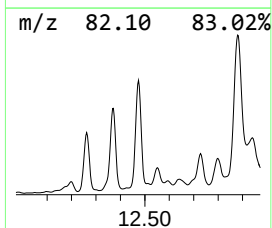
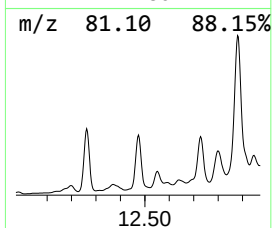
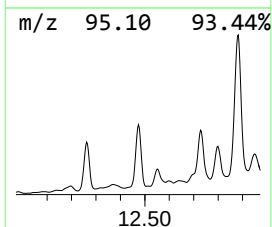
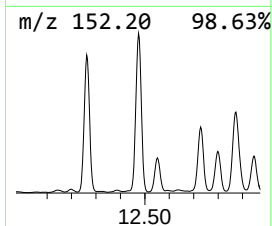
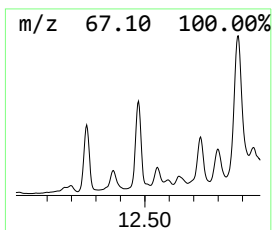
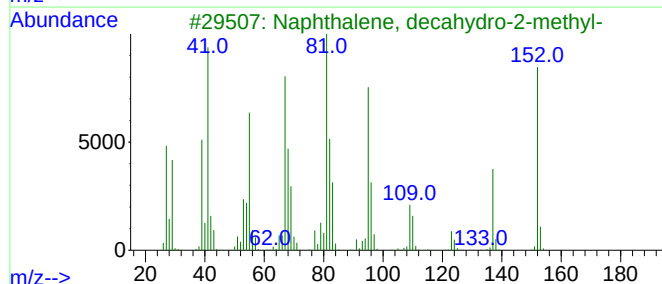
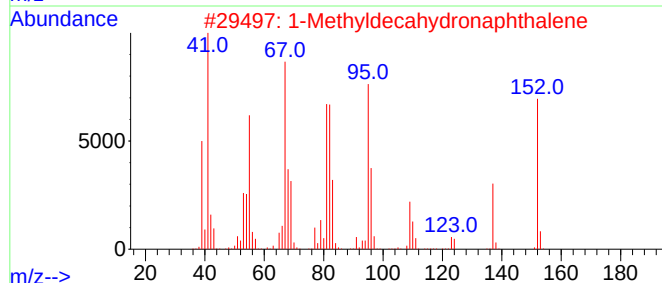
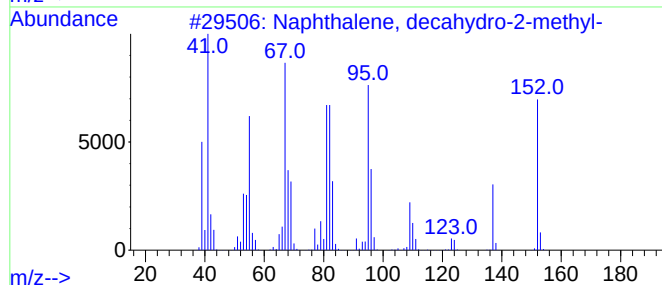
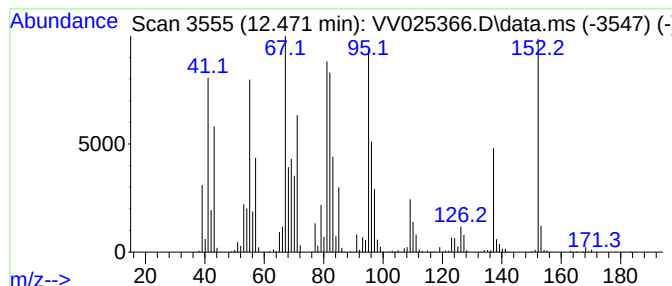
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	26.20 ug/L	7590400	1,4-Dichlorobenzene-d4	11.249

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	95
4			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

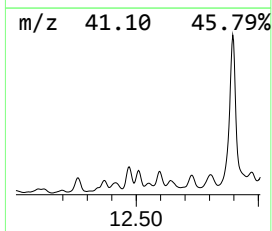
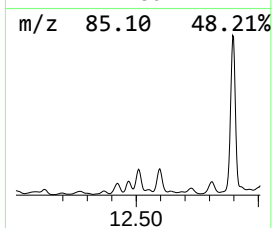
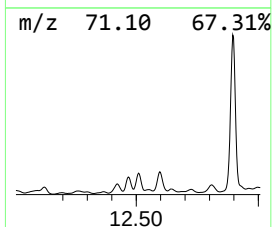
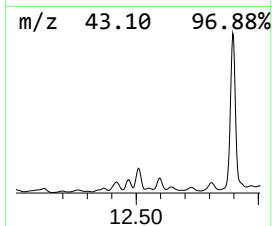
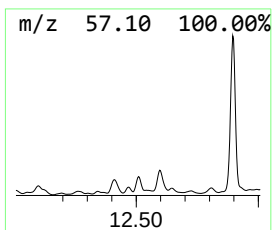
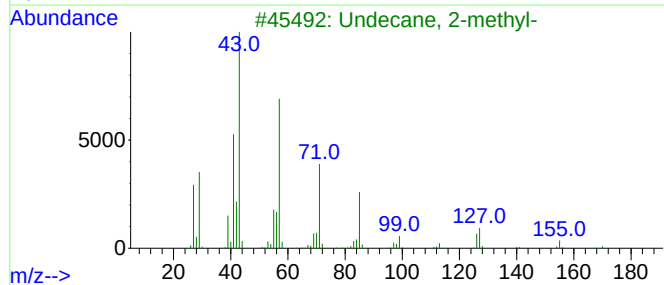
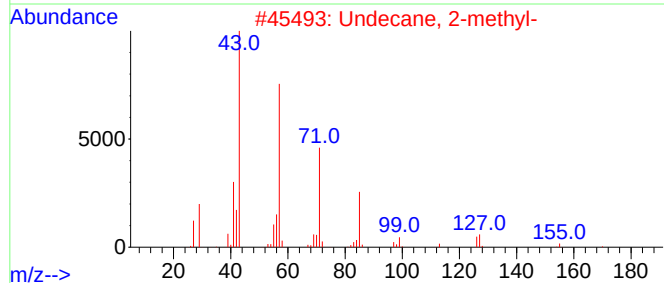
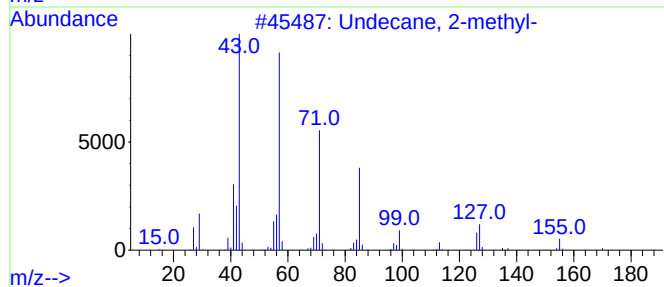
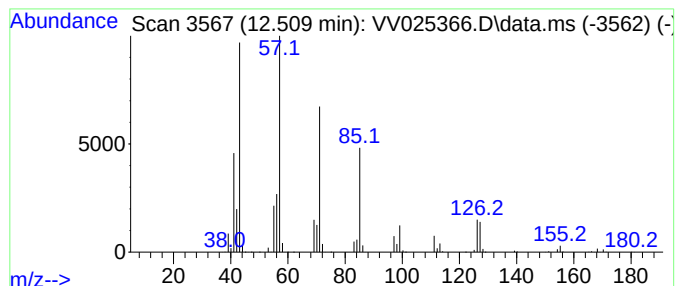
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.509	12.01 ug/L	3479240	1,4-Dichlorobenzene-d4	11.249

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	91
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	87
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
5		Nonadecane	268	C19H40	000629-92-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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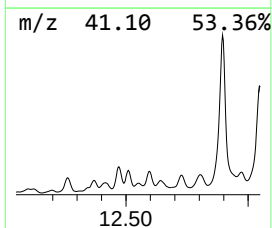
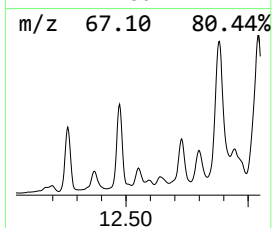
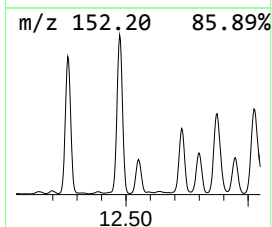
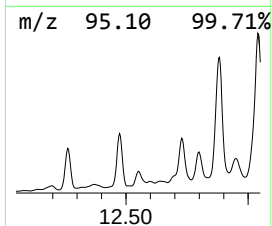
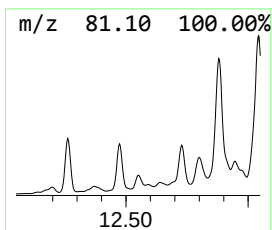
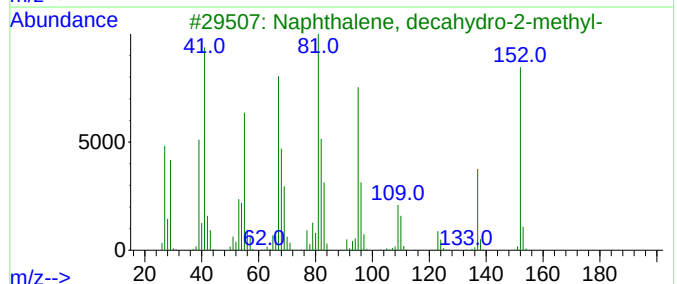
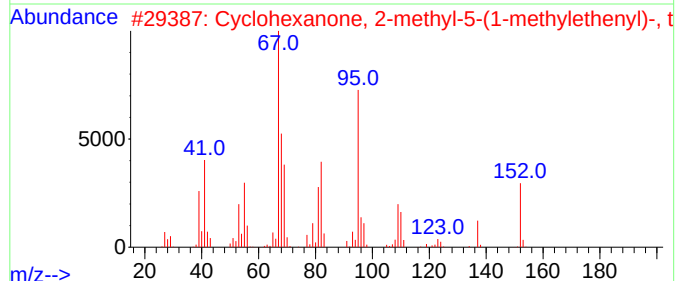
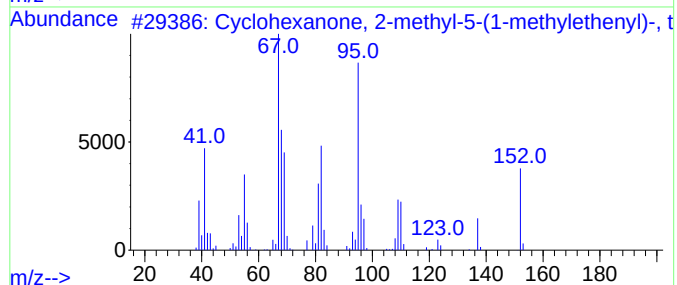
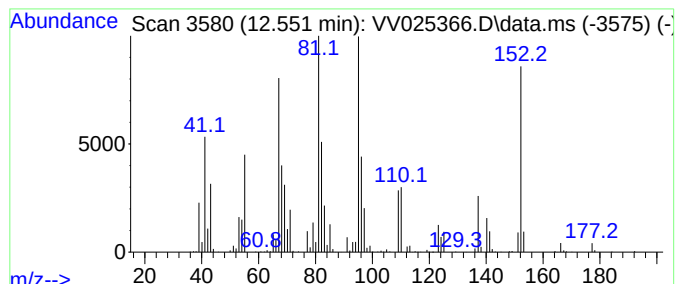
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 Cyclohexanone, 2-methyl-5-(... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.551	6.37 ug/L	1845700	1,4-Dichlorobenzene-d4	11.249

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	94
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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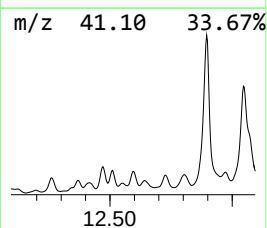
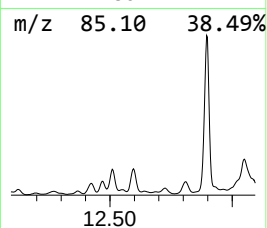
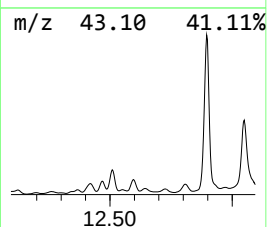
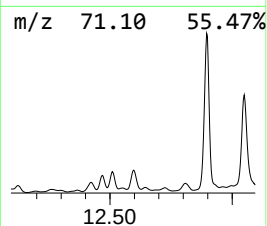
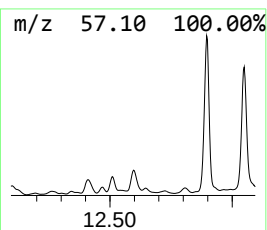
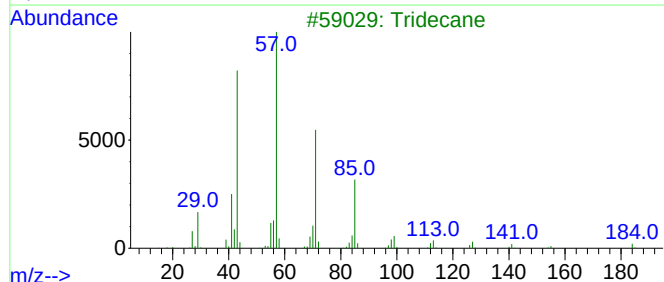
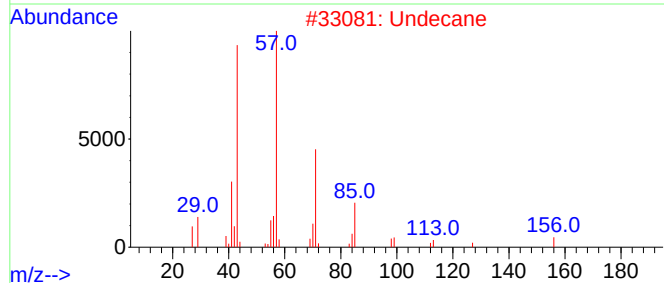
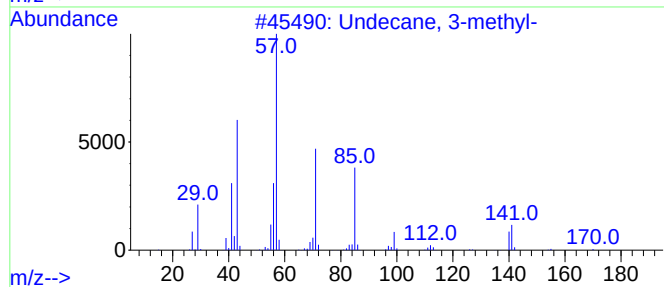
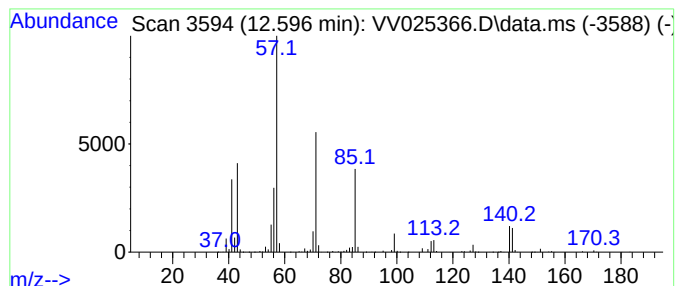
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.596	12.93 ug/L	3746780	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3-methyl-	170	C12H26	001002-43-3	90
2		Undecane	156	C11H24	001120-21-4	64
3		Tridecane	184	C13H28	000629-50-5	64
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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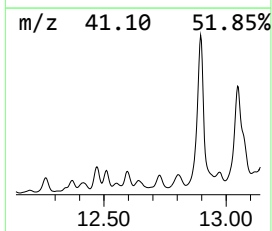
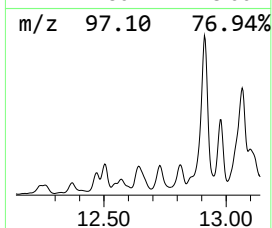
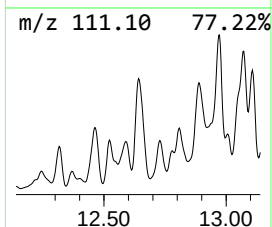
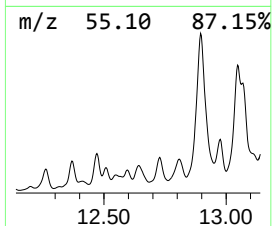
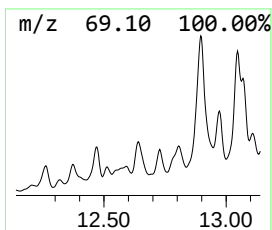
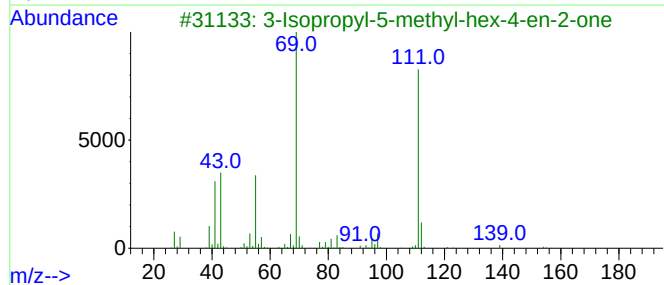
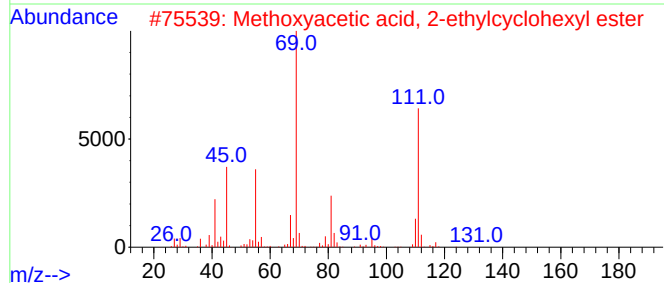
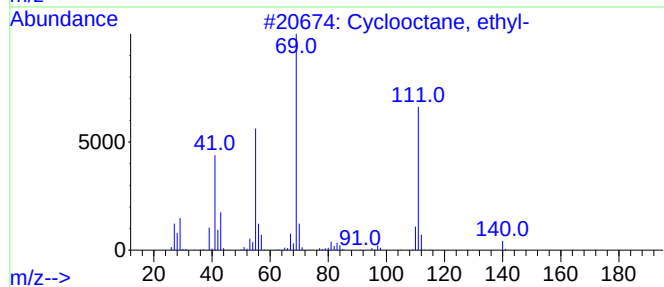
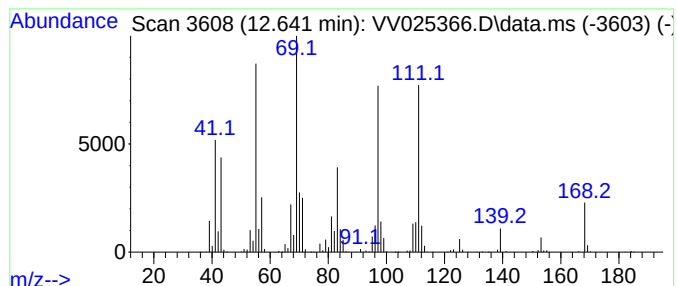
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 (DEL) Alkane: Cyclic12.641 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.641	8.17 ug/L	2367780	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
2			Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38
3			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	38
4			Cycloheptane, methyl-	112	C8H16	004126-78-7	30
5			Oxazole, trimethyl-	111	C6H9NO	020662-84-4	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

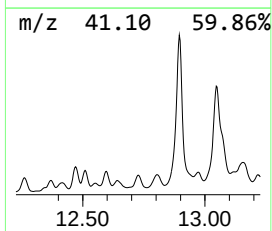
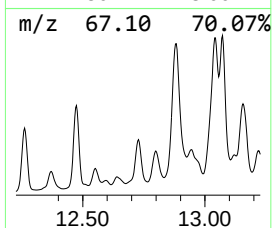
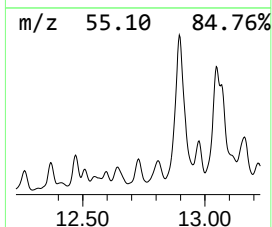
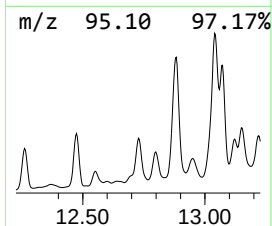
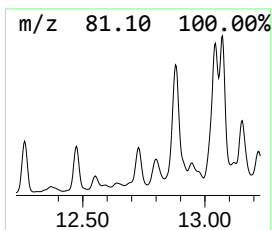
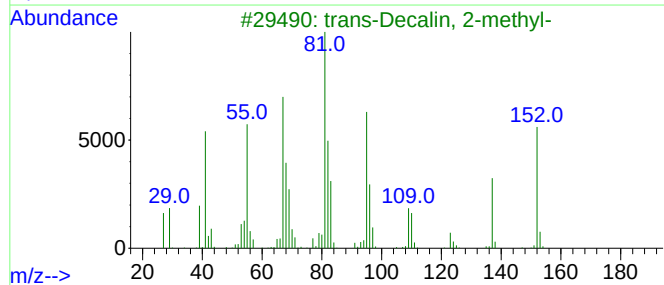
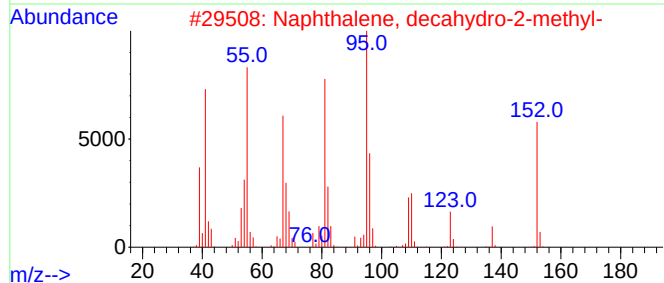
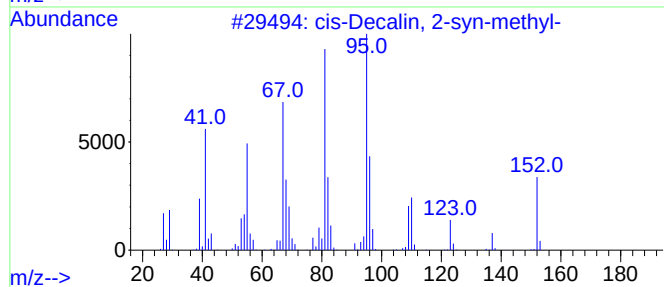
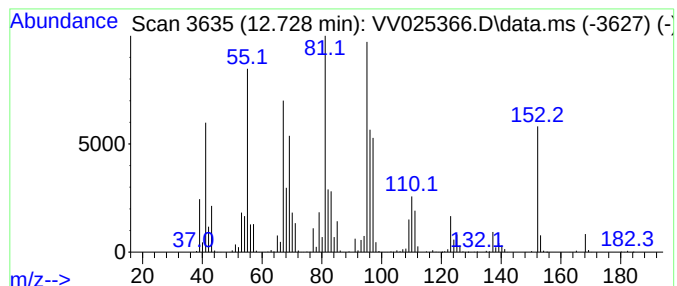
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 cis-Decalin, 2-syn-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.728	15.82 ug/L	4583710	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	52
4			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	49
5			4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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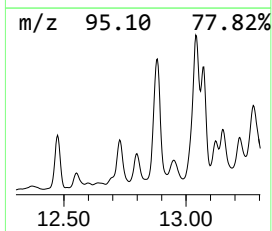
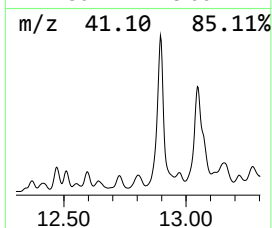
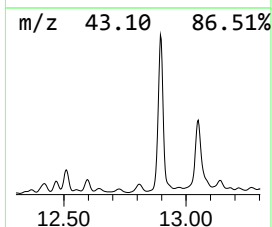
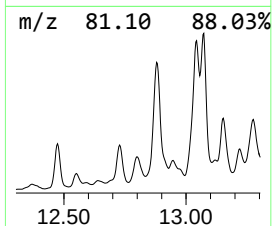
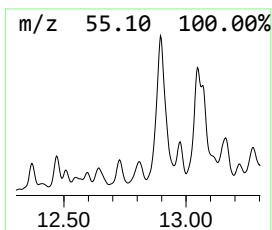
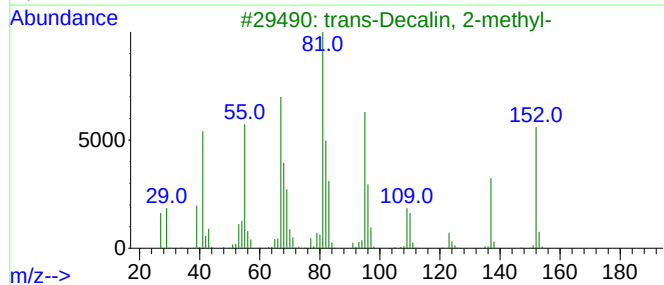
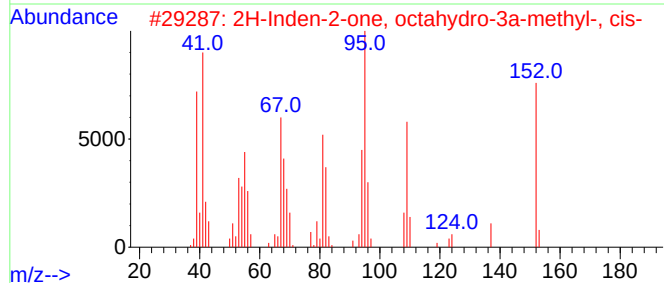
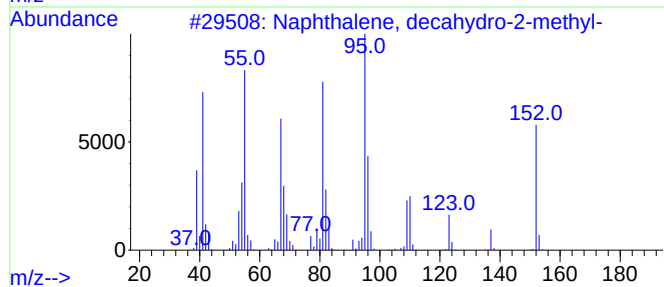
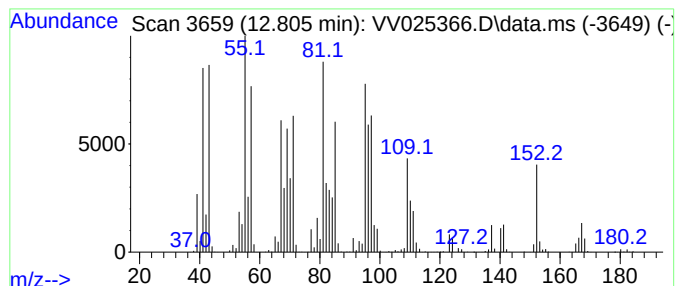
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.805	17.33 ug/L	5020920	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
2			2H-Inden-2-one, octahydro-3a-met...	152	C10H16O	013351-29-6	46
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
4			2-Cyclopenten-1-one, 2-pentyl-	152	C10H16O	025564-22-1	46
5			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

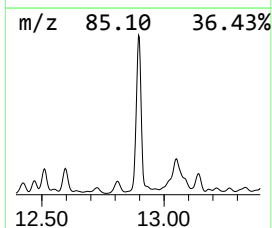
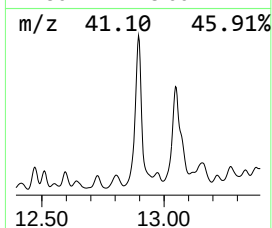
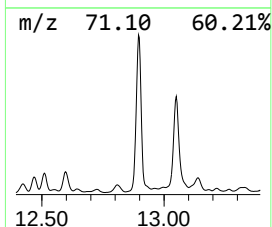
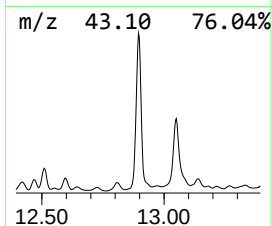
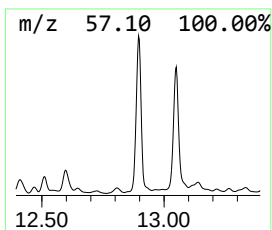
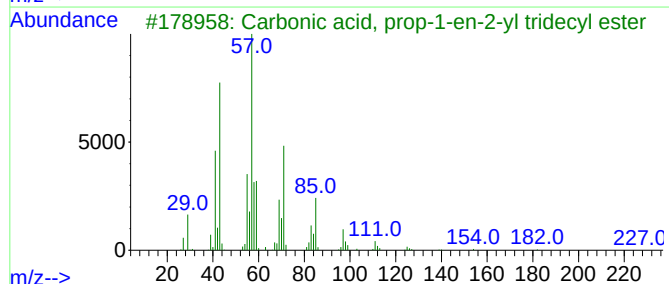
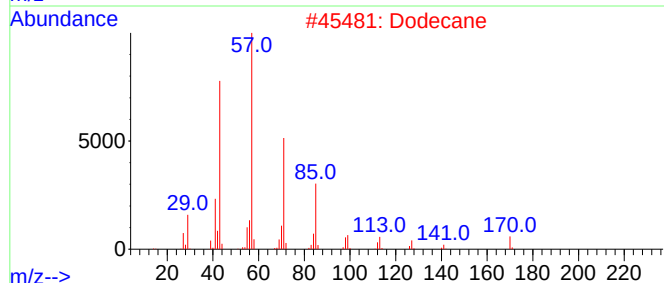
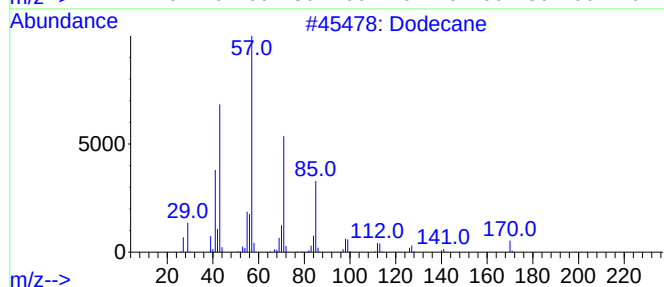
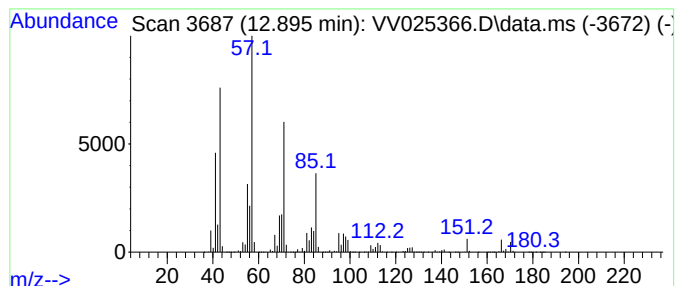
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.895	164.70 ug/L	47721300	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	87
2			Dodecane	170	C12H26	000112-40-3	83
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	80
4			Undecane	156	C11H24	001120-21-4	80
5			Nonadecane	268	C19H40	000629-92-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

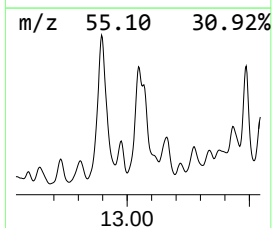
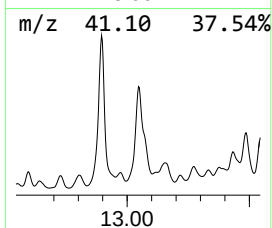
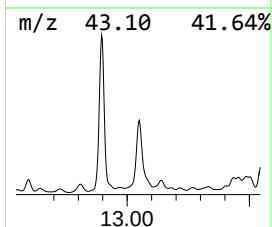
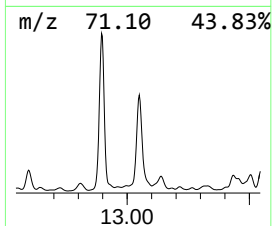
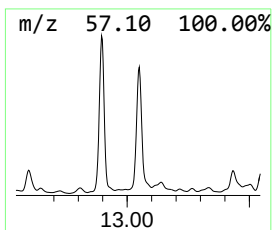
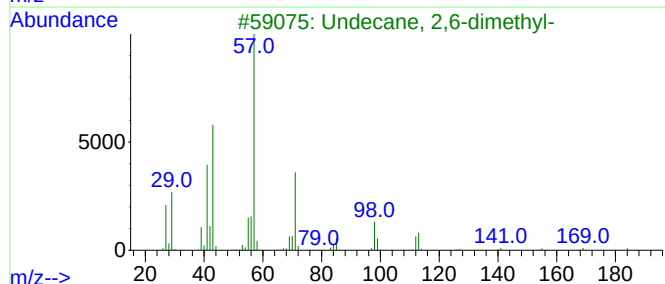
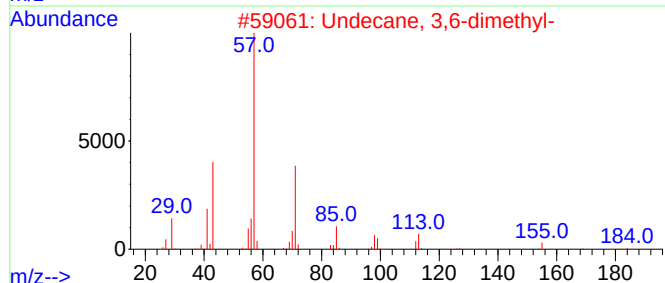
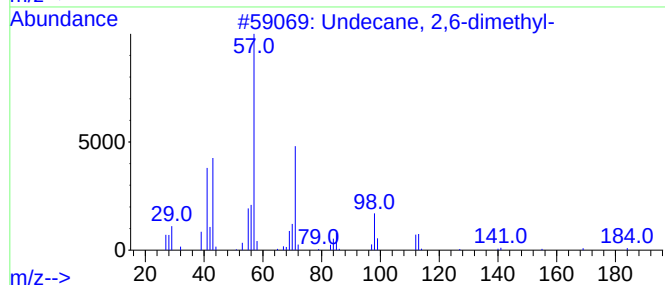
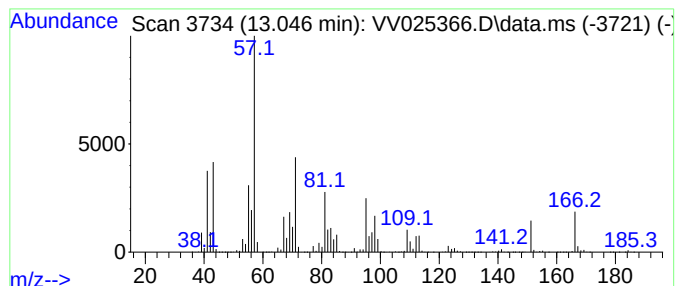
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	157.78 ug/L	45715800	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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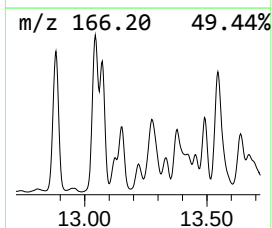
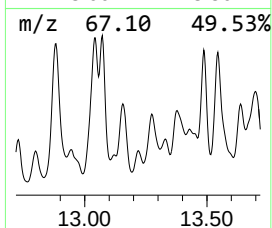
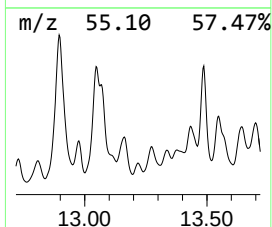
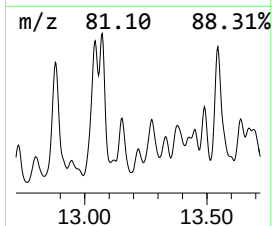
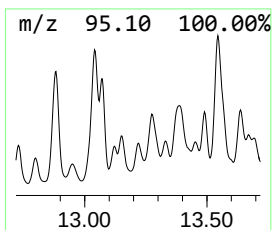
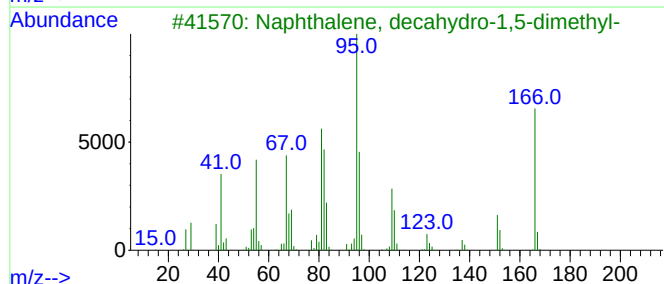
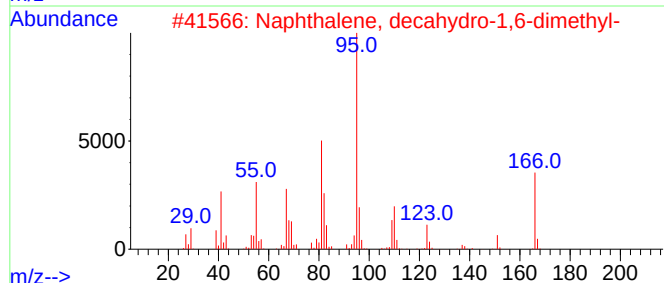
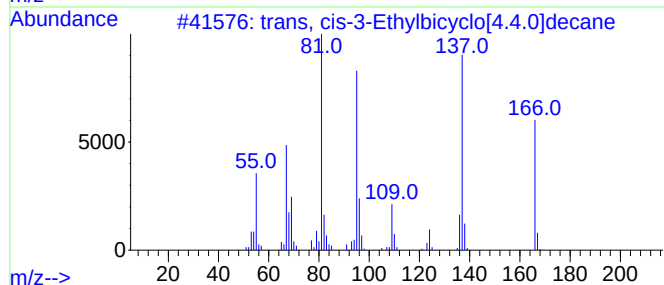
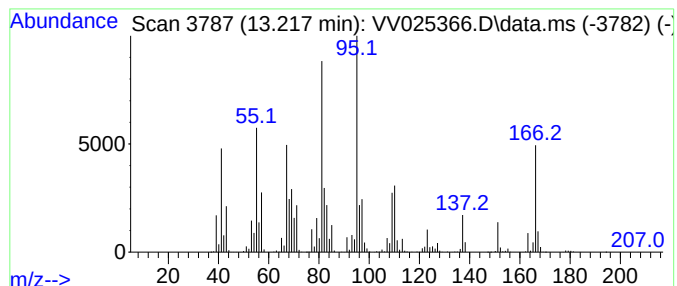
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 trans, cis-3-Ethylbicyclo[4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.217	7.10 ug/L	2056710	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	83
2			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	60
3			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	58
4			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	49
5			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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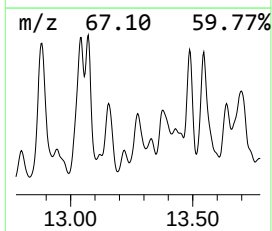
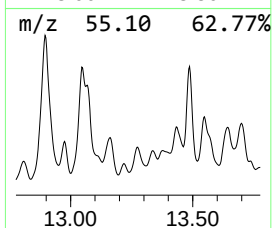
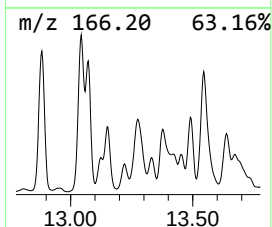
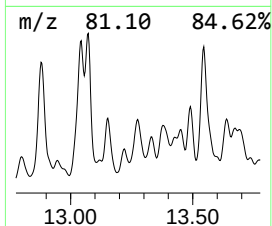
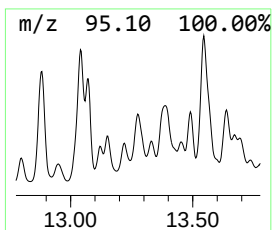
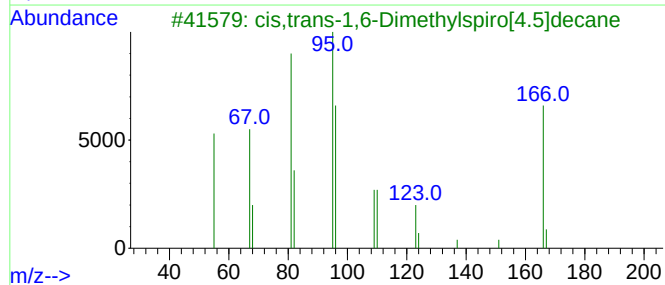
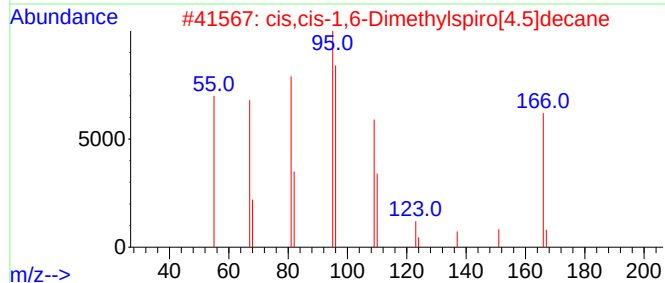
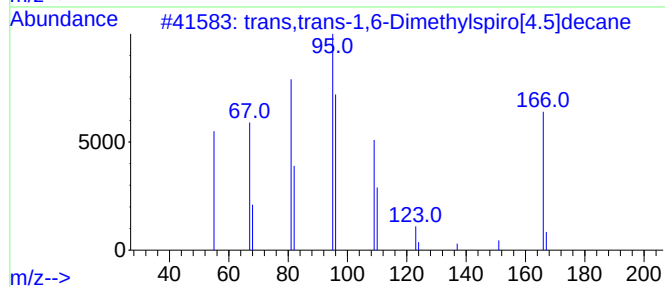
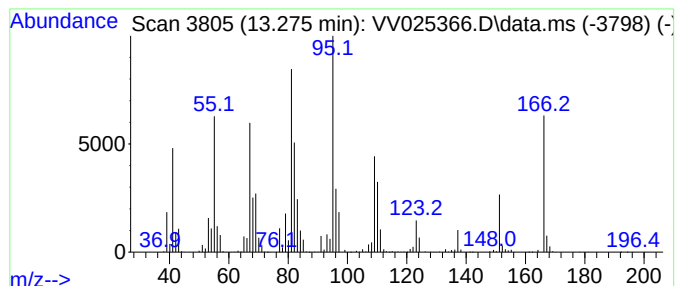
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 trans,trans-1,6-Dimethylspi... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.275	18.21 ug/L	5277750	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-1	93
2			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	91
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	87
4			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	87
5			2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

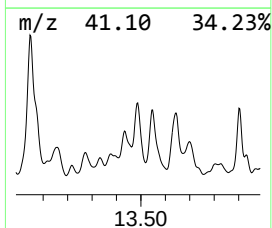
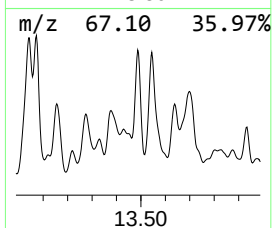
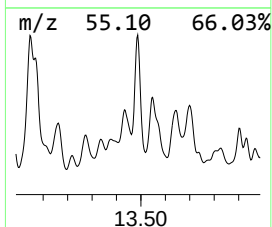
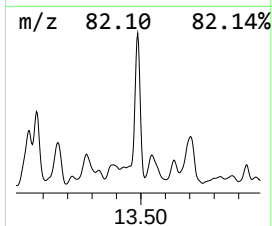
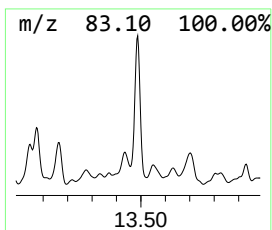
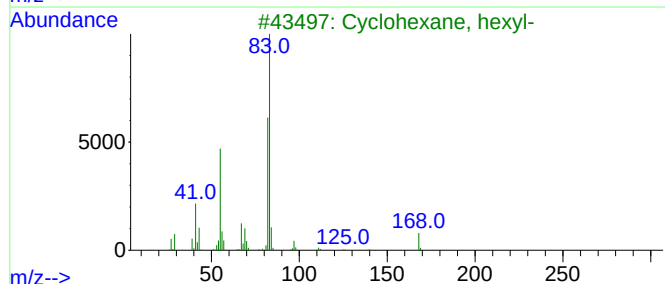
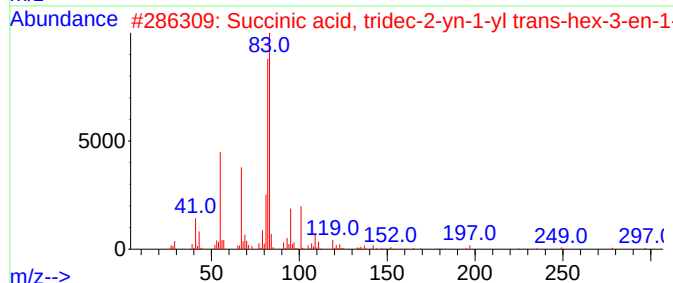
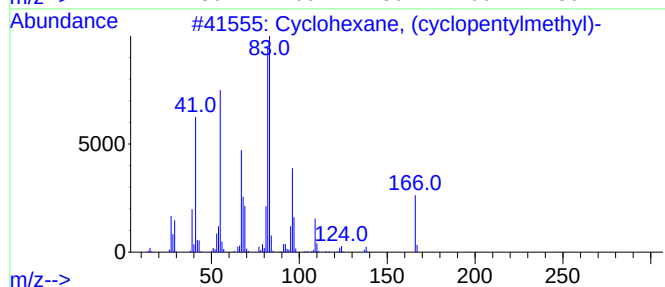
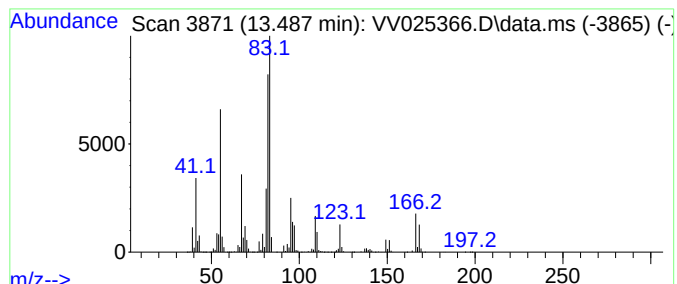
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 Cyclohexane, (cyclopentylme... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.487	43.12 ug/L	12495300	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	64
2			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	59
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
4			Cyclohexane, 1,1'-(1,4-butanediyl...	222	C16H30	006165-44-2	53
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

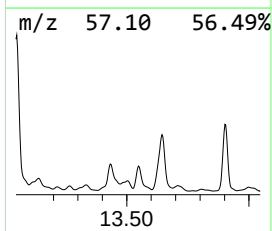
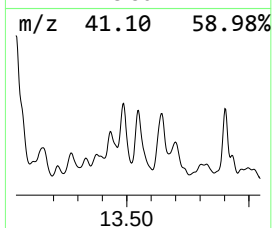
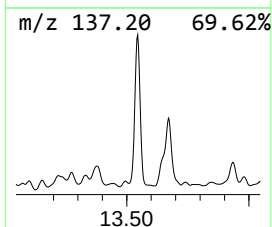
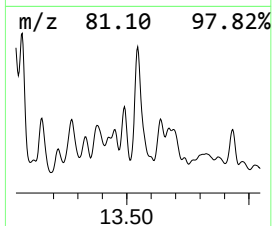
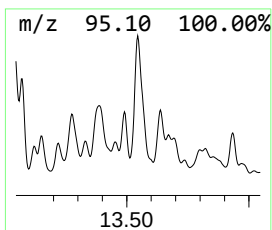
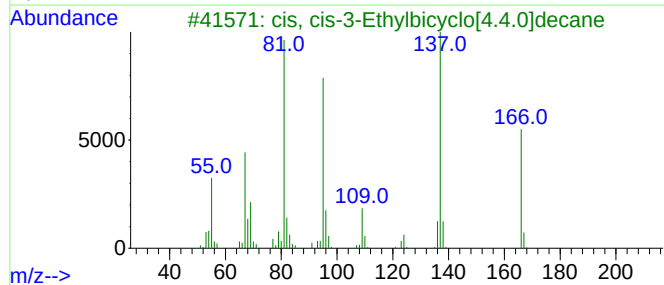
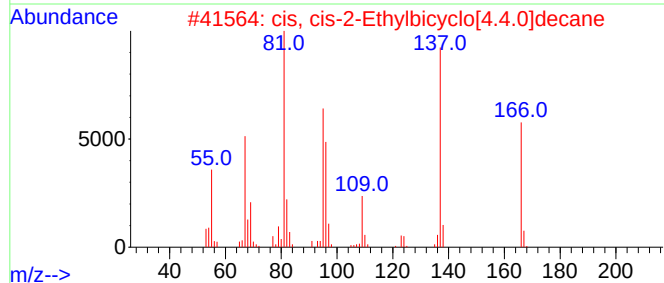
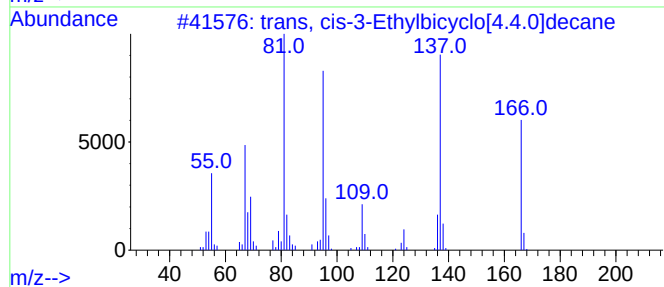
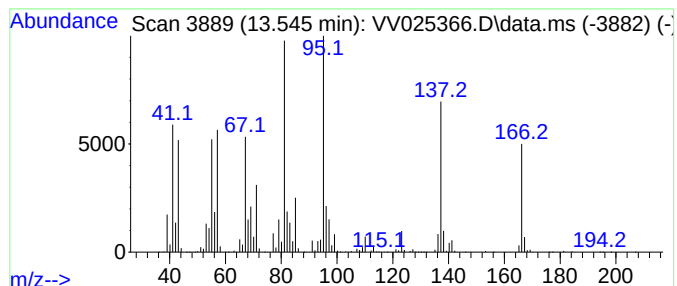
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 cis, cis-2-Ethylbicyclo[4.4.0] Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	58.44 ug/L	16934300	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	89
2			cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	76
3			cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	76
4			Trans, trans-2-ethylbicyclo[4.4.0]...	166	C12H22	066660-37-5	68
5			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

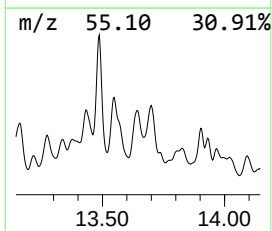
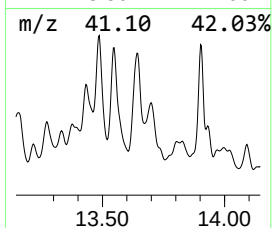
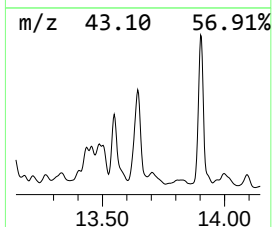
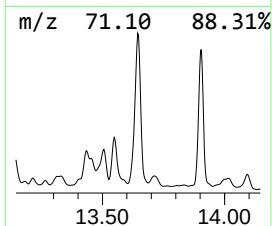
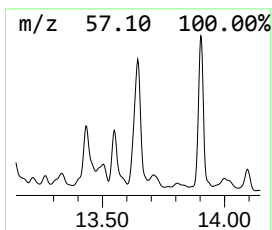
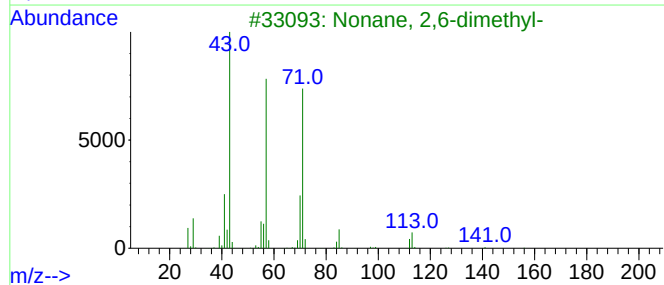
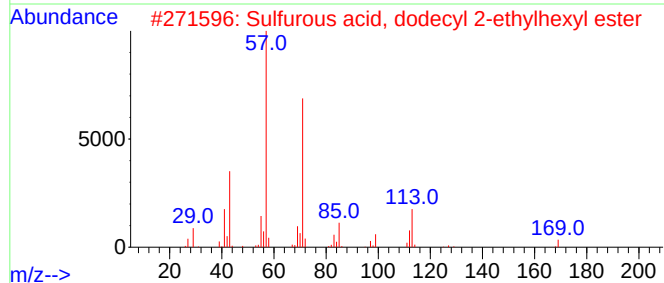
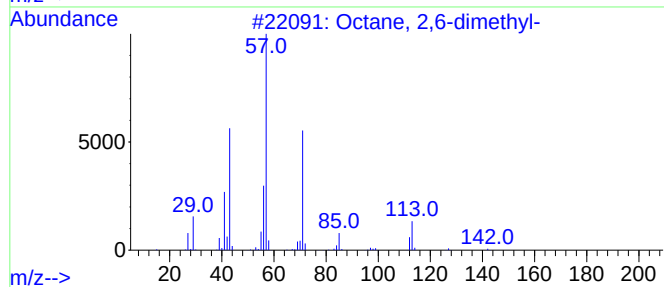
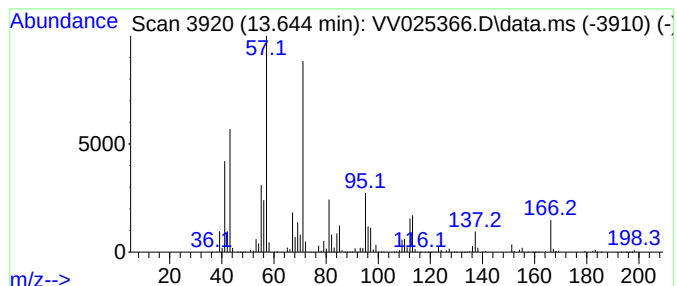
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	49.51 ug/L	14345600	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	53
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	52
5			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

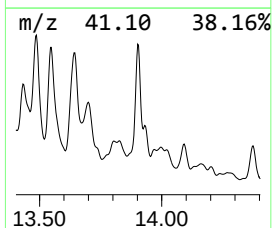
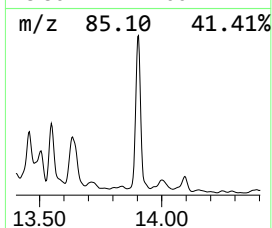
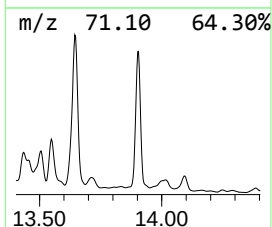
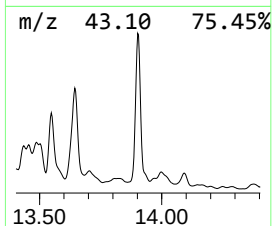
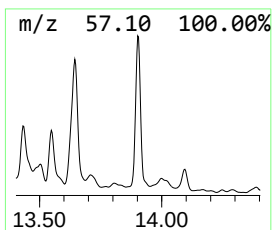
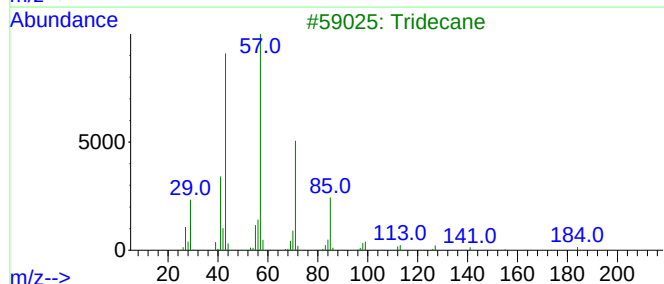
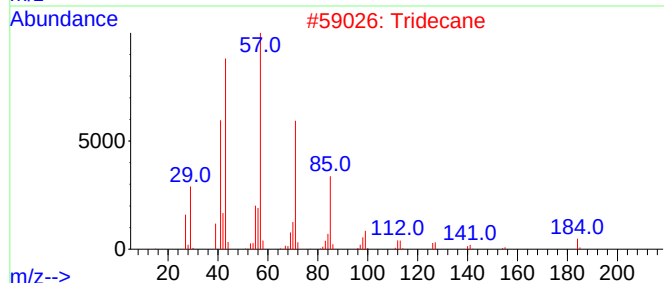
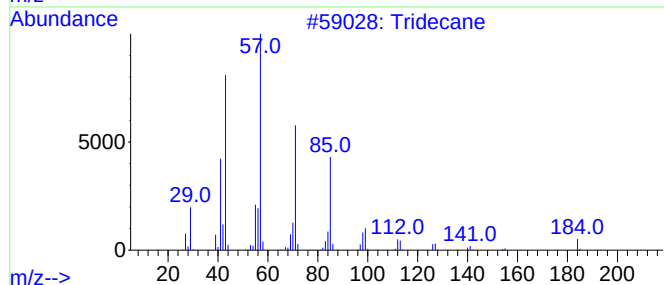
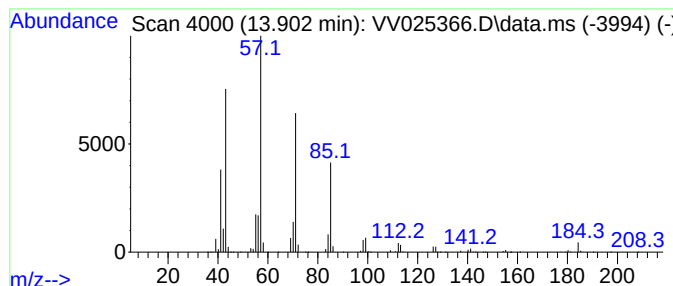
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Quant Title : TRACE VOA SFAM1.0

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.
13.902	22.81 ug/L	6609410	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tridecane	184	C13H28	000629-50-5	93
3			Tridecane	184	C13H28	000629-50-5	90
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

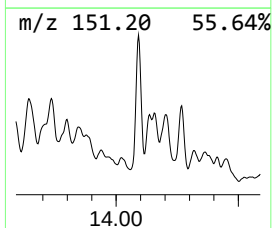
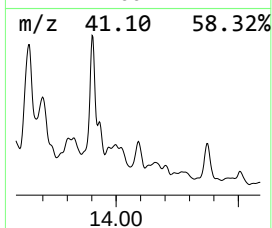
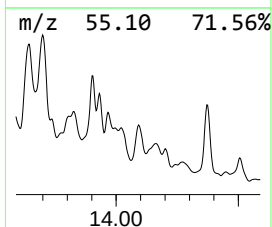
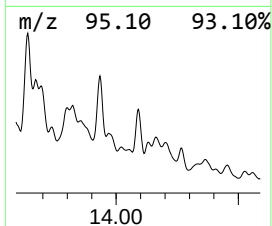
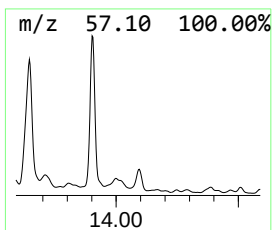
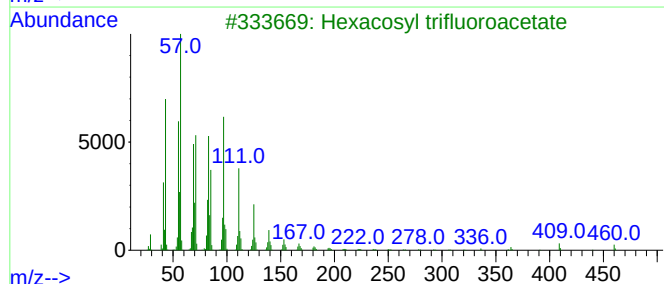
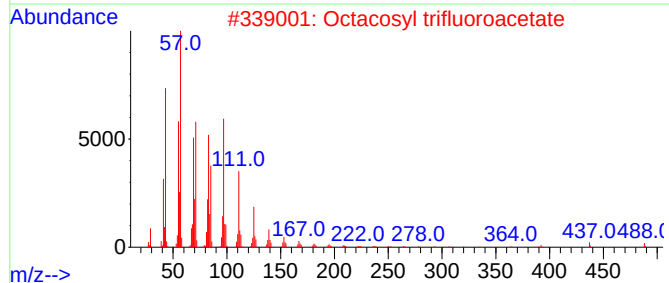
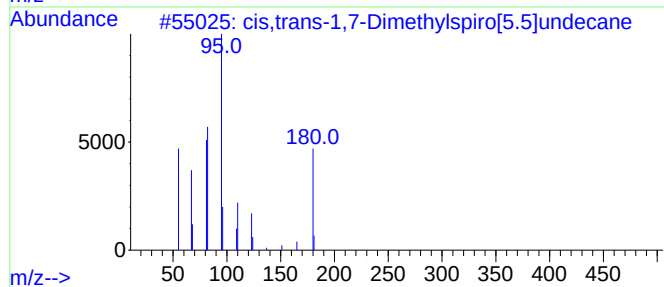
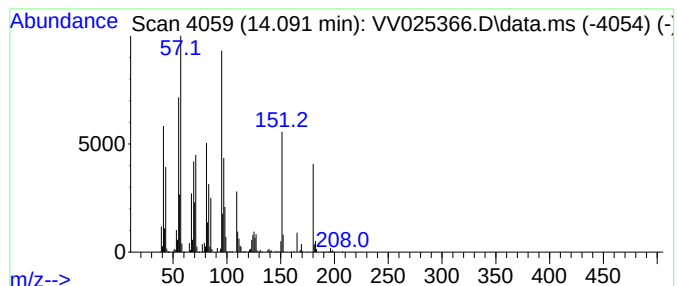
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	9.70 ug/L	2809570	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	27
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	22
3			Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	22
4			Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	22
5			2,3-Bornanediol	170	C10H18O2	025696-56-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

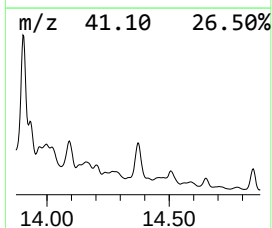
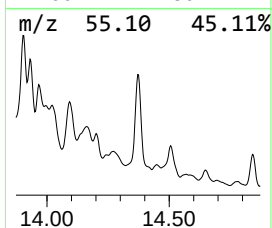
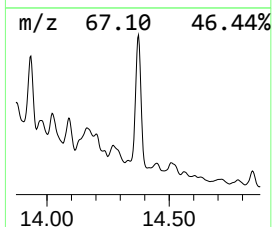
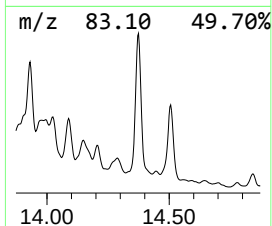
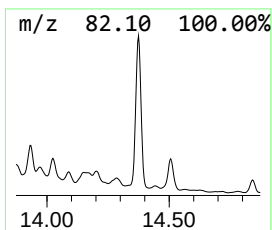
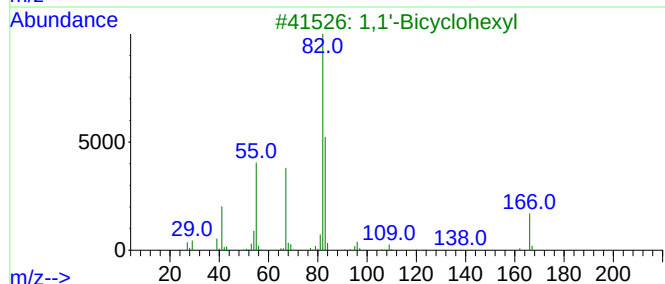
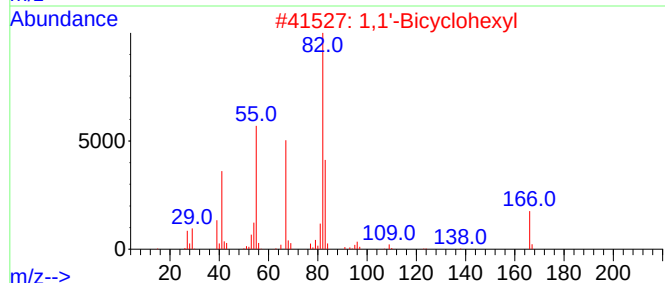
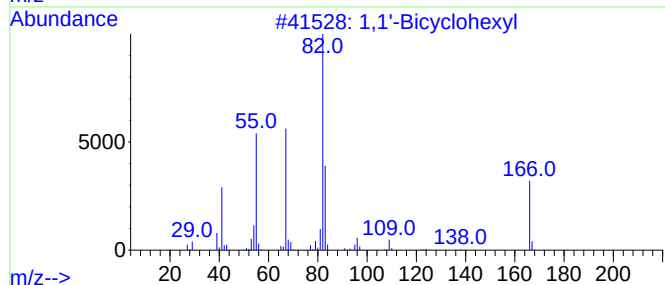
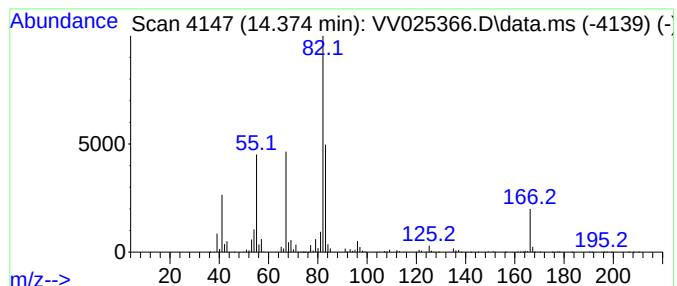
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 1,1'-Bicyclohexyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.374	16.10 ug/L	4664330	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	91
2			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	91
3			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	91
4			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	91
5			Succinic acid, di(cis-hex-3-enyl...	282	C16H26O4	1000353-42-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025366.D
Acq On : 06 Apr 2022 16:12
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

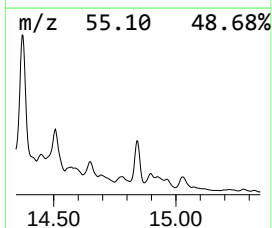
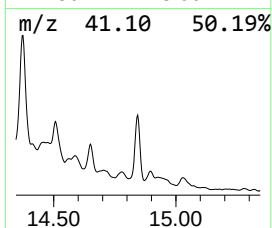
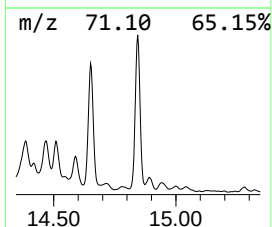
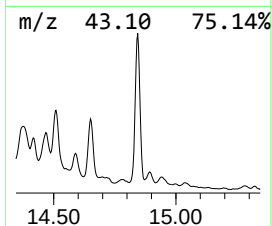
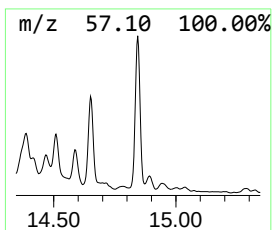
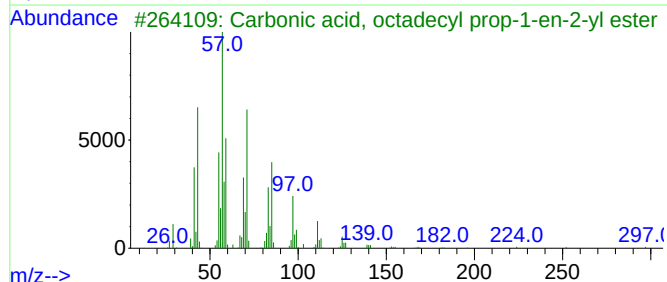
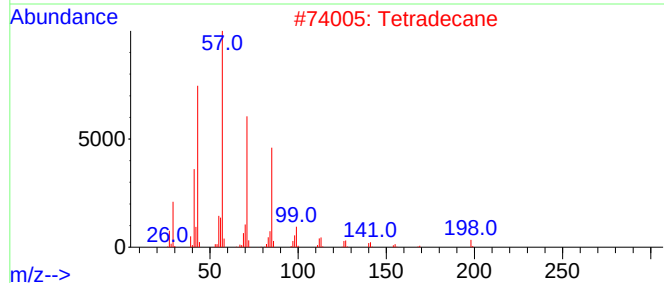
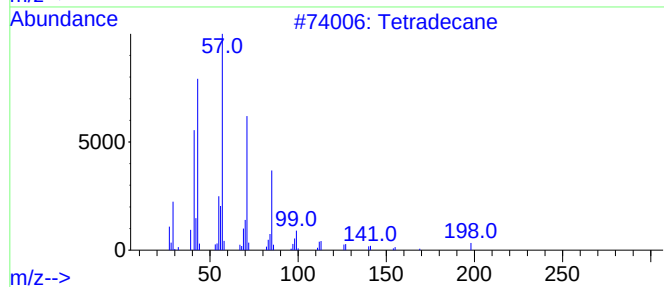
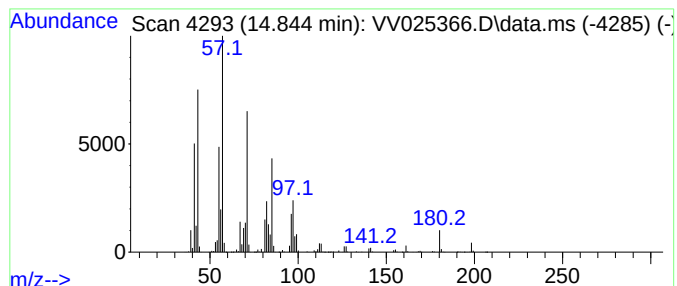
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	6.37 ug/L	1845260	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	98
2			Tetradecane	198	C14H30	000629-59-4	95
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	68
4			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040622\
 Data File : VW025366.D
 Acq On : 06 Apr 2022 16:12
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

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
(DEL) Alkane: S...	10.127	14.1	ug/L	4088140	3	11.249	1448770	5.0
(DEL) Alkane: S...	10.320	3.8	ug/L	1103150	3	11.249	1448770	5.0
Sulfurous acid,...	10.574	5.6	ug/L	1632830	3	11.249	1448770	5.0
(DEL) Alkane: S...	10.834	4.7	ug/L	1366510	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.037	12.5	ug/L	3620470	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.146	46.7	ug/L	13524100	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.194	3.0	ug/L	863042	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.323	7.1	ug/L	2057030	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.390	30.1	ug/L	8720020	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.429	31.5	ug/L	9120900	3	11.249	1448770	5.0
2-Methyl-1-unde...	11.571	4.6	ug/L	1327380	3	11.249	1448770	5.0
1,1-Dimethylpro...	11.728	3.6	ug/L	1040510	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.786	11.4	ug/L	3299430	3	11.249	1448770	5.0
(DEL) Alkane: S...	11.850	8.4	ug/L	2422650	3	11.249	1448770	5.0
n-Tetracosanol-1	11.934	3.1	ug/L	895538	3	11.249	1448770	5.0
Octadecane, 1-c...	11.992	3.8	ug/L	1095470	3	11.249	1448770	5.0
Naphthalene, de...	12.262	18.9	ug/L	5475760	3	11.249	1448770	5.0
(DEL) Alkane: C...	12.371	6.9	ug/L	1988540	3	11.249	1448770	5.0
1-Methyldecahyd...	12.471	26.2	ug/L	7590400	3	11.249	1448770	5.0
(DEL) Alkane: S...	12.509	12.0	ug/L	3479240	3	11.249	1448770	5.0
Cyclohexanone, ...	12.551	6.4	ug/L	1845700	3	11.249	1448770	5.0
(DEL) Alkane: S...	12.596	12.9	ug/L	3746780	3	11.249	1448770	5.0
(DEL) Alkane: C...	12.641	8.2	ug/L	2367780	3	11.249	1448770	5.0
cis-Decalin, 2-...	12.728	15.8	ug/L	4583710	3	11.249	1448770	5.0
unknown-01	12.805	17.3	ug/L	5020920	3	11.249	1448770	5.0
(DEL) Alkane: S...	12.895	164.7	ug/L	47721300	3	11.249	1448770	5.0
(DEL) Alkane: S...	13.046	157.8	ug/L	45715800	3	11.249	1448770	5.0
trans, cis-3-Et...	13.217	7.1	ug/L	2056710	3	11.249	1448770	5.0
trans,trans-1,6...	13.275	18.2	ug/L	5277750	3	11.249	1448770	5.0
Cyclohexane, (c...	13.487	43.1	ug/L	12495300	3	11.249	1448770	5.0
cis, cis-2-Ethy...	13.545	58.4	ug/L	16934300	3	11.249	1448770	5.0
(DEL) Alkane: S...	13.645	49.5	ug/L	14345600	3	11.249	1448770	5.0
(DEL) Alkane: S...	13.902	22.8	ug/L	6609410	3	11.249	1448770	5.0
unknown-02	14.091	9.7	ug/L	2809570	3	11.249	1448770	5.0
1,1'-Bicyclohexyl	14.374	16.1	ug/L	4664330	3	11.249	1448770	5.0
(DEL) Alkane: S...	14.844	6.4	ug/L	1845260	3	11.249	1448770	5.0