

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025381.D
 Acq On : 07 Apr 2022 13:18
 Operator : SY/MD
 Sample : VIBLK242
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK242

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: VV025381.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	76	83	96	rBV	193840	197105	2.46%	0.395%
2	1.571	154	165	178	rBV	162305	189450	2.36%	0.379%
3	2.111	320	333	356	rVB	347204	513020	6.40%	1.027%
4	3.905	880	891	926	rBV	47877	198966	2.48%	0.398%
5	4.352	1012	1030	1057	rBV	152590	385267	4.81%	0.771%
6	5.047	1228	1246	1272	rBV2	362216	893331	11.14%	1.789%
7	5.619	1410	1424	1450	rBV	234249	481443	6.00%	0.964%
8	6.069	1551	1564	1594	rBV	196193	406022	5.06%	0.813%
9	6.989	1839	1850	1878	rBV	90001	171197	2.14%	0.343%
10	7.317	1940	1952	1971	rBV	452777	792640	9.89%	1.587%
11	7.622	2036	2047	2070	rBV	48739	90670	1.13%	0.182%
12	8.088	2182	2192	2230	rBV	282185	565303	7.05%	1.132%
13	8.850	2416	2429	2450	rBV	348876	577465	7.20%	1.156%
14	10.217	2842	2854	2868	rBV	120574	198948	2.48%	0.398%
15	10.914	3055	3071	3087	rVB	80036	129943	1.62%	0.260%
16	11.146	3132	3143	3153	rBV	126158	202222	2.52%	0.405%
17	11.246	3165	3174	3189	rBV	376377	593398	7.40%	1.188%
18	11.387	3207	3218	3224	rBV	91124	153299	1.91%	0.307%
19	11.426	3224	3230	3239	rVB	118750	174478	2.18%	0.349%
20	11.622	3280	3291	3304	rBV2	459907	744300	9.28%	1.490%
21	12.258	3478	3489	3498	rBV3	88293	154171	1.92%	0.309%
22	12.365	3513	3522	3528	rBV3	68736	112855	1.41%	0.226%
23	12.410	3529	3536	3544	rVB5	54908	100110	1.25%	0.200%
24	12.464	3545	3553	3559	rBV6	156939	244005	3.04%	0.489%
25	12.503	3560	3565	3572	rVB3	135147	172237	2.15%	0.345%
26	12.590	3585	3592	3600	rVB	126568	166684	2.08%	0.334%
27	12.635	3601	3606	3618	rVB4	61166	102185	1.27%	0.205%
28	12.721	3626	3633	3644	rVB4	109557	174720	2.18%	0.350%
29	12.799	3648	3657	3667	rBV5	127830	238720	2.98%	0.478%
30	12.885	3671	3684	3701	rBV2	1774937	3215622	40.11%	6.439%
31	13.040	3721	3732	3749	rBV2	1381933	3016057	37.62%	6.040%
32	13.210	3780	3785	3792	rBV4	126435	158857	1.98%	0.318%
33	13.265	3795	3802	3811	rBV4	222516	396741	4.95%	0.794%
34	13.429	3847	3853	3861	rBV4	430729	890725	11.11%	1.784%
35	13.477	3864	3868	3880	rVB4	878324	1384591	17.27%	2.773%
36	13.541	3881	3888	3906	rVB4	1131893	2166233	27.02%	4.338%

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 VIBLK242

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	13.638	3907	3918	3928	rBV3	1957815	3979670	49.64%	7.969%
38	13.901	3991	4000	4014	rBV	5312490	8017515	100.00%	16.055%
39	14.091	4052	4059	4068	rVB5	1050979	1623652	20.25%	3.251%
40	14.371	4139	4146	4156	rBV3	988838	1738174	21.68%	3.481%
41	14.509	4183	4189	4199	rVB3	1577613	2406246	30.01%	4.818%
42	14.651	4226	4233	4242	rVB	1915003	2547622	31.78%	5.102%
43	14.844	4284	4293	4302	rBV	5271482	7309366	91.17%	14.637%
44	14.895	4304	4309	4316	rVV2	512868	646942	8.07%	1.295%
45	15.416	4465	4471	4478	rVB2	547216	704310	8.78%	1.410%
46	15.728	4562	4568	4578	rVB	431473	612006	7.63%	1.226%

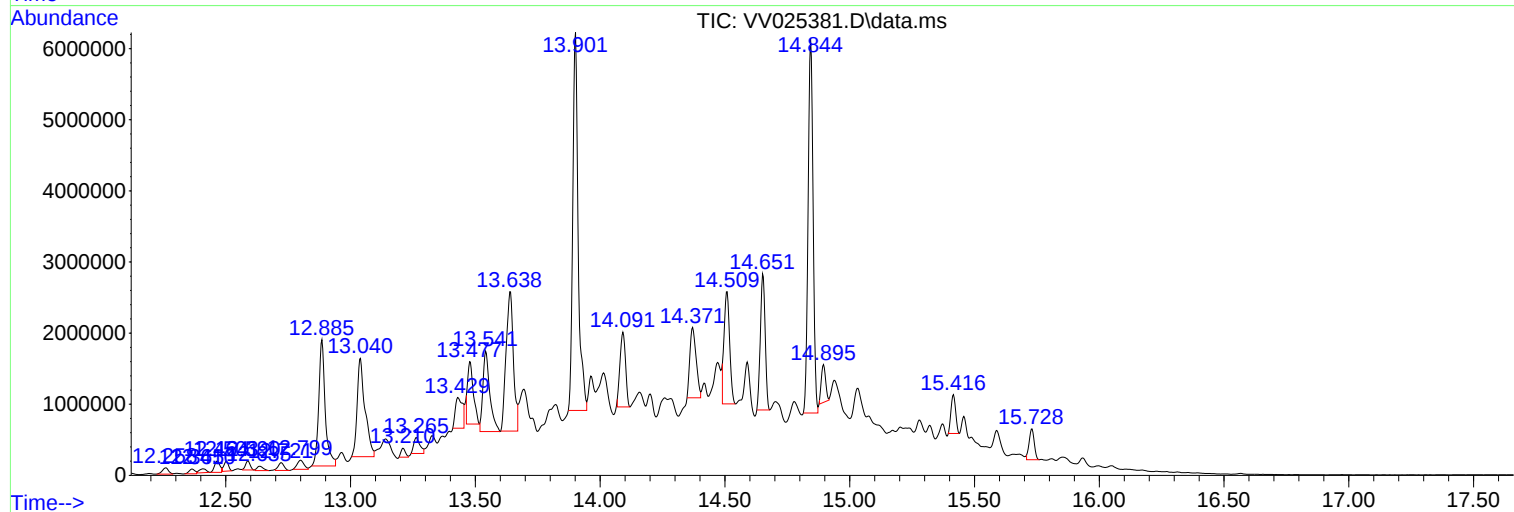
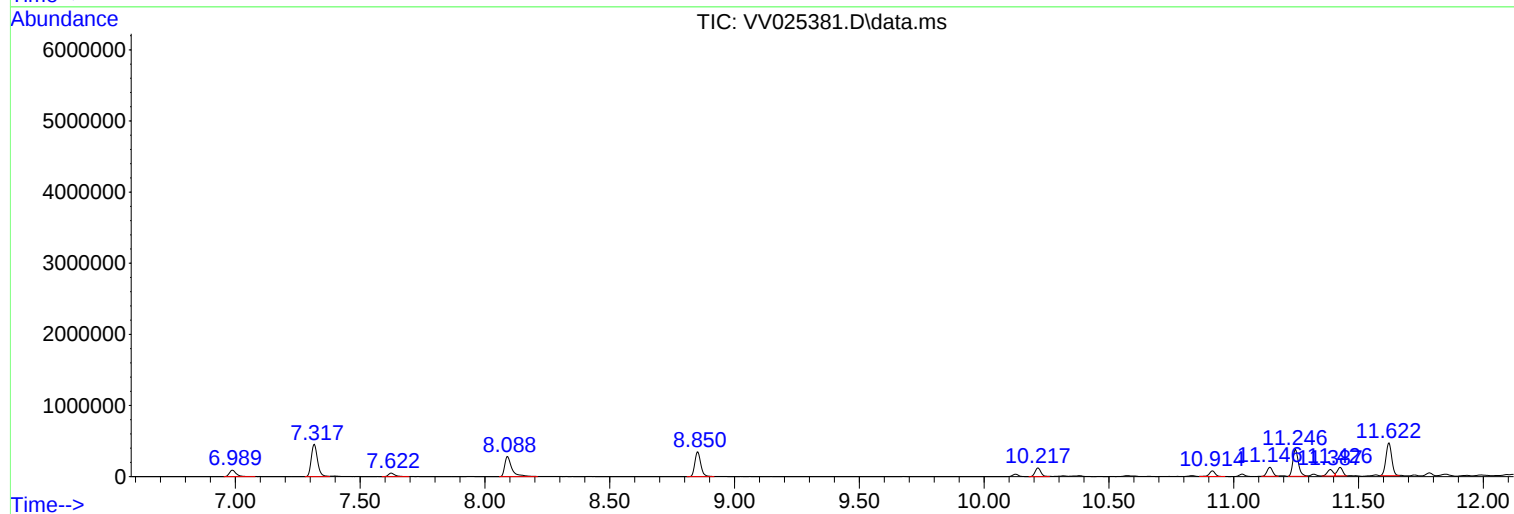
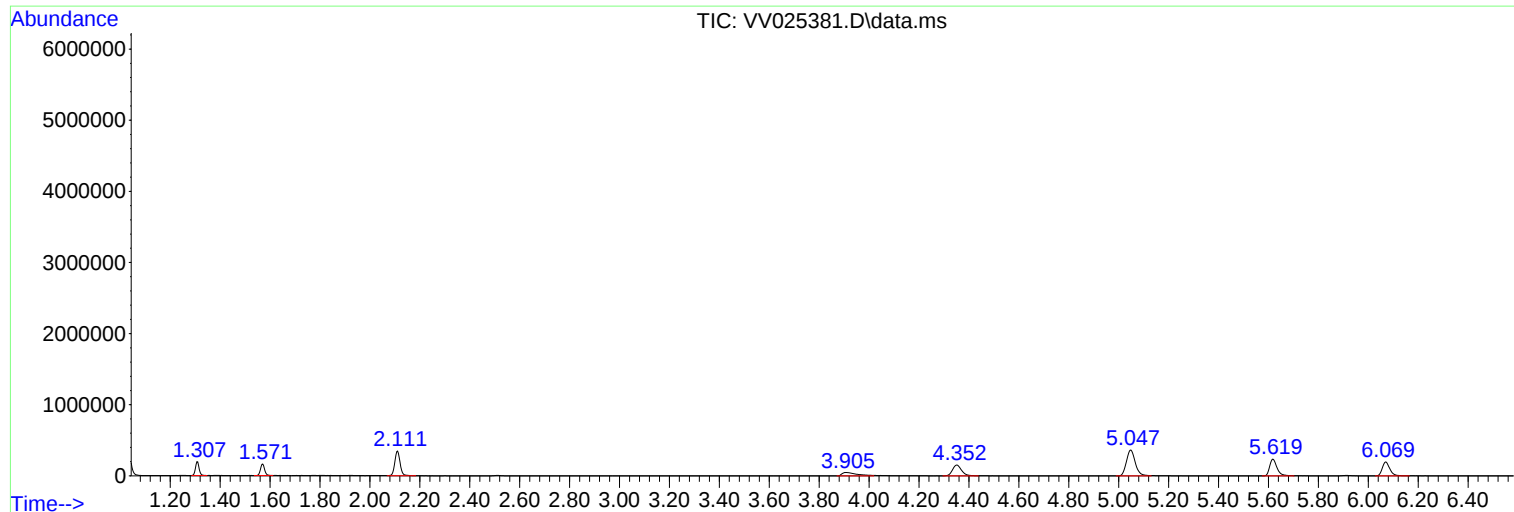
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

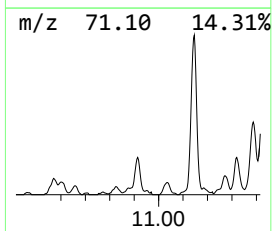
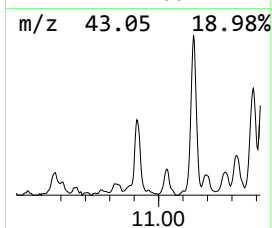
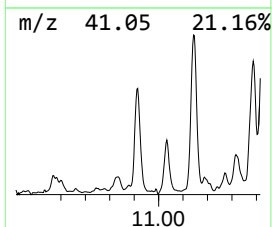
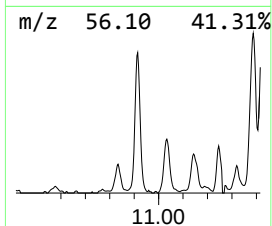
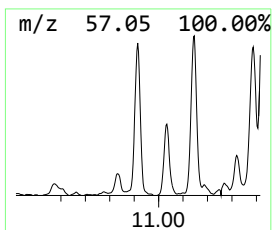
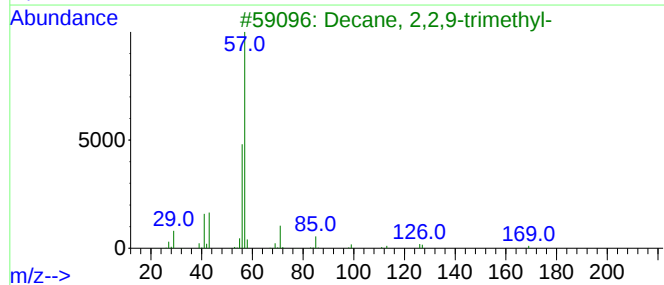
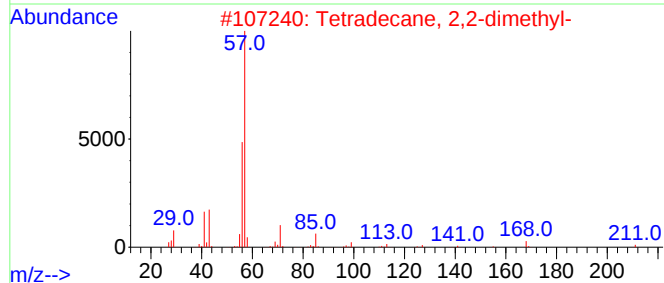
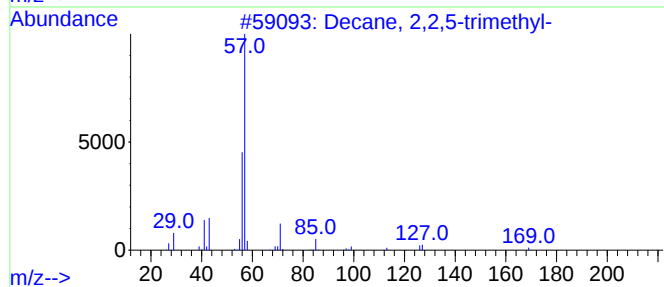
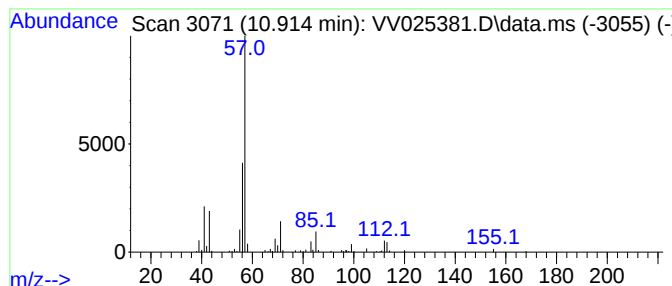
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.915	1.09 ug/L	129943	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
2			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
3			Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	72
4			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
5			Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	72



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Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

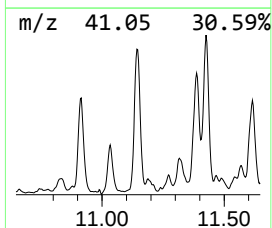
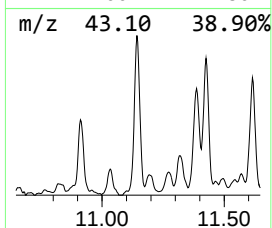
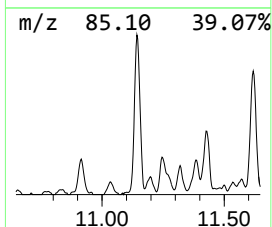
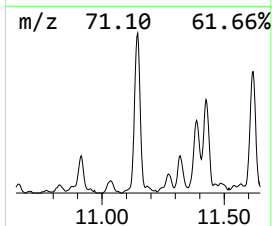
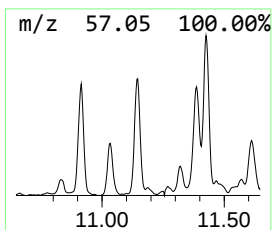
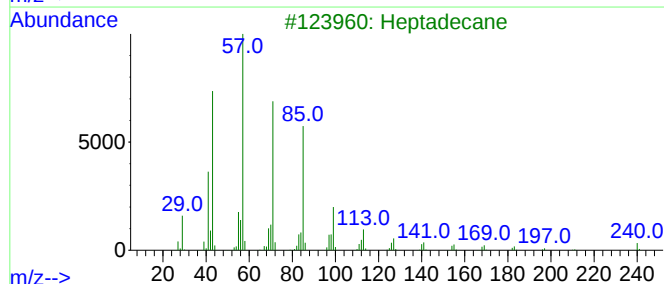
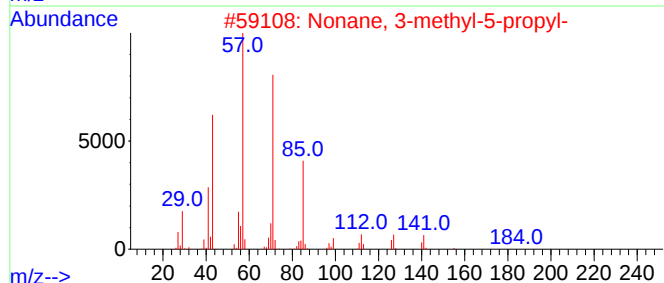
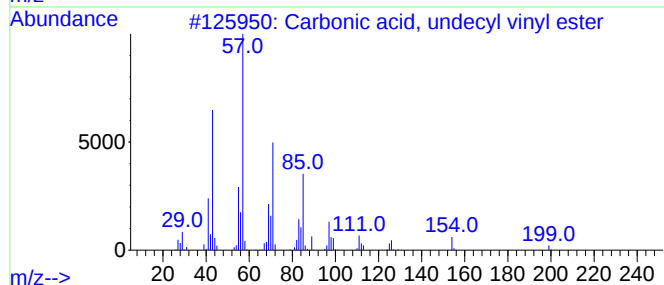
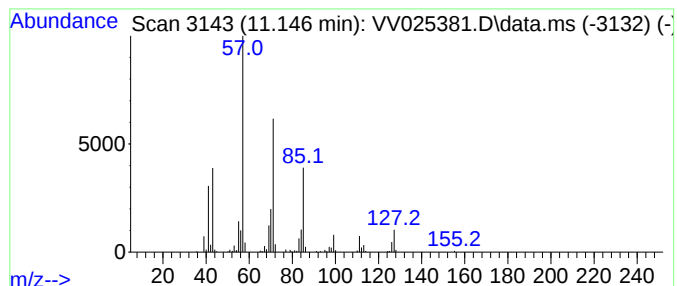
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Carbonic acid, undecyl vinyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	1.70 ug/L	202222	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	78
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3			Heptadecane	240	C17H36	000629-78-7	64
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

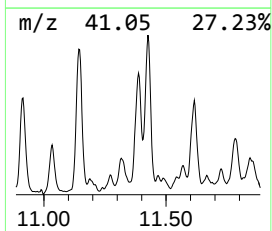
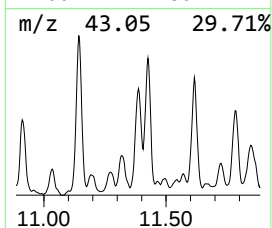
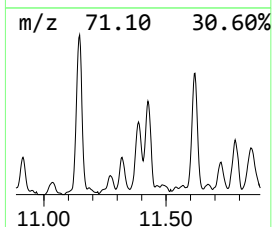
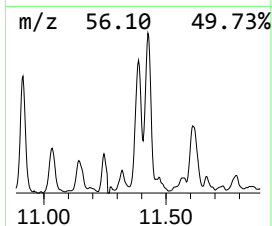
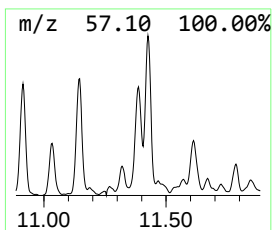
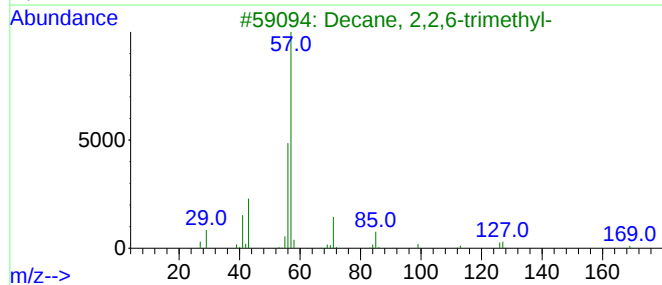
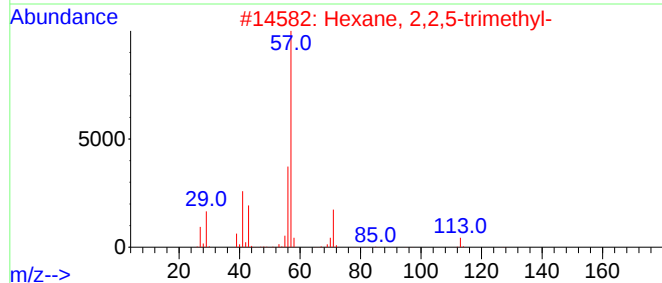
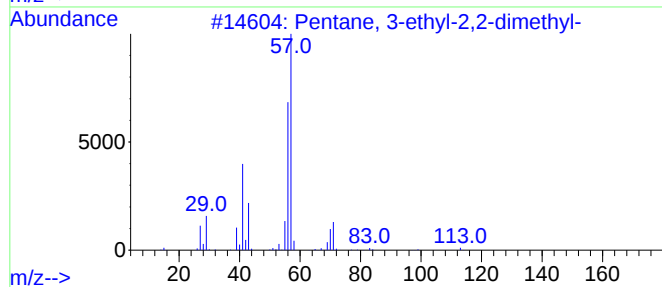
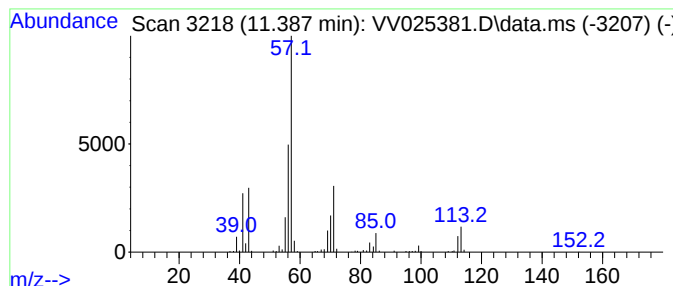
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.387	1.29 ug/L	153299	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	50
4			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	50
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



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Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

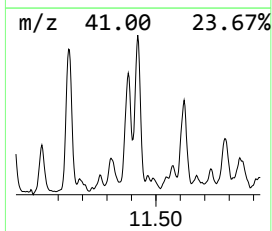
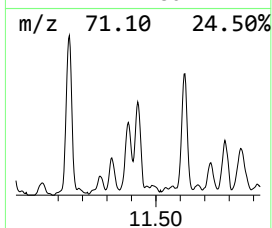
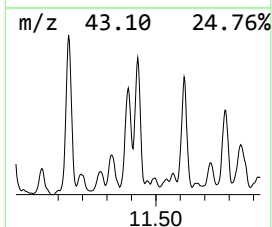
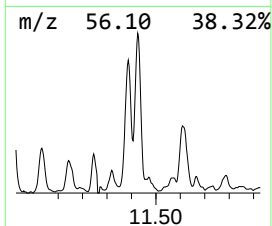
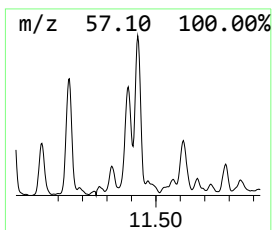
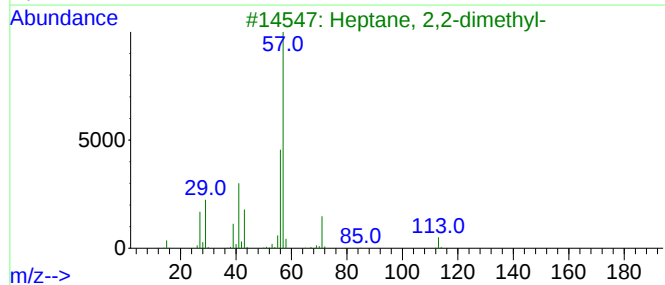
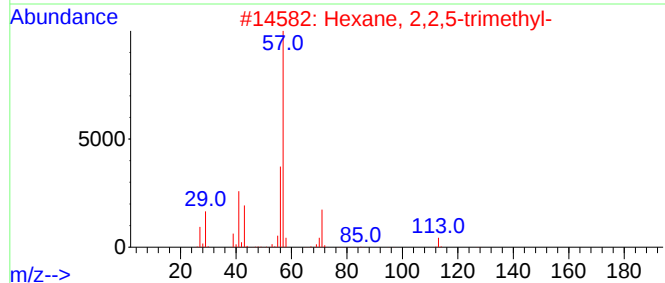
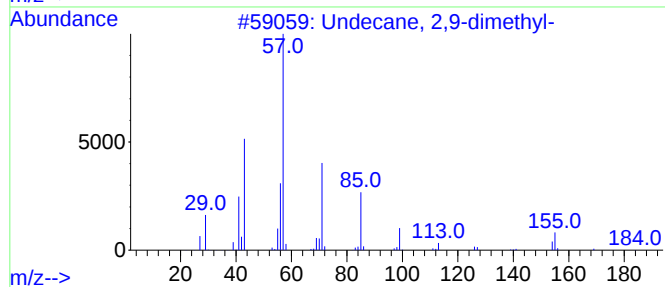
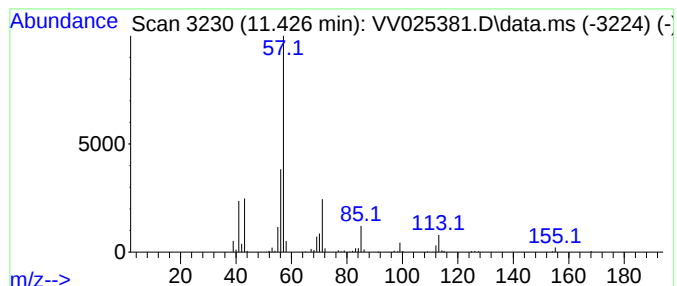
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.426	1.47 ug/L	174478	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64



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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK242

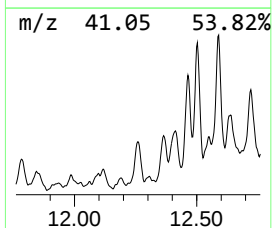
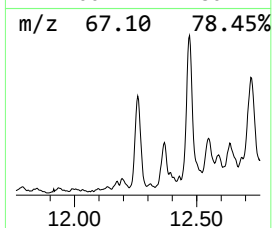
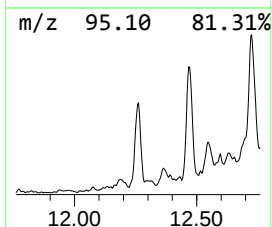
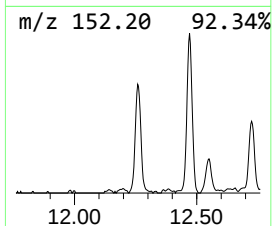
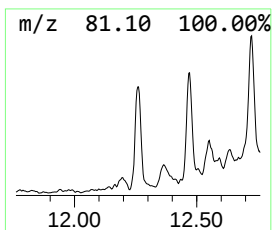
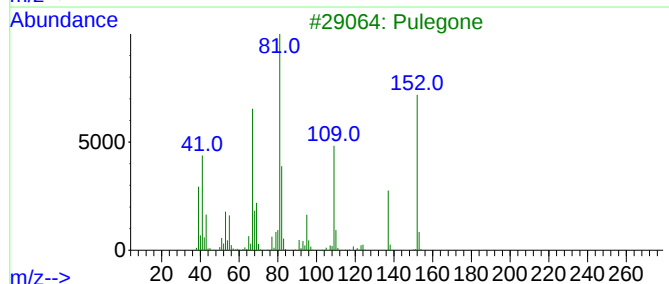
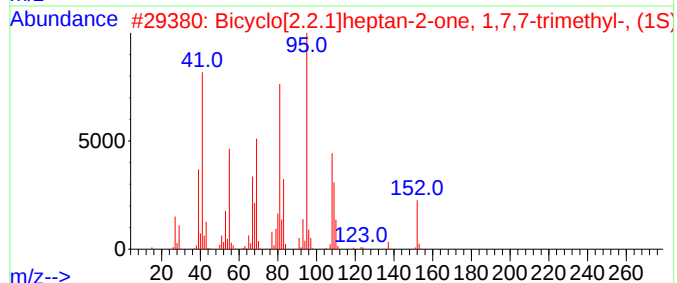
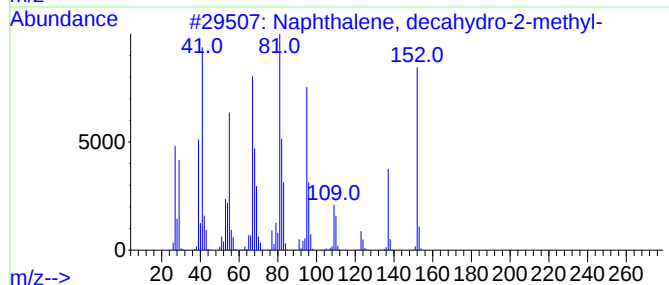
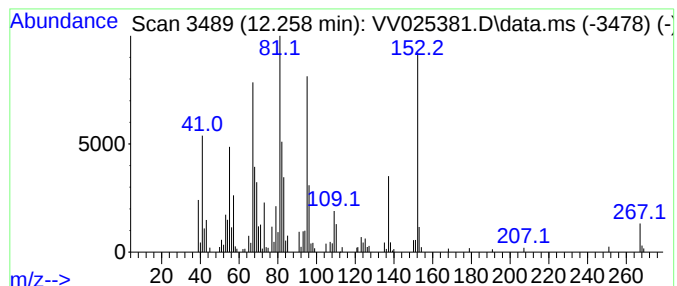
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.259	1.30 ug/L	154171	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	93
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
3			Pulegone	152	C10H16O	000089-82-7	86
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

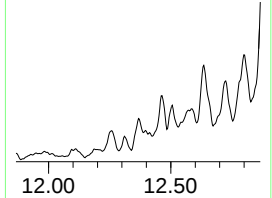
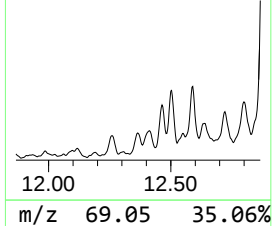
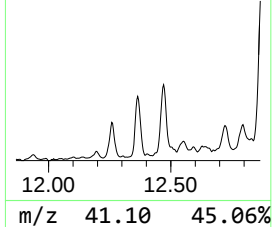
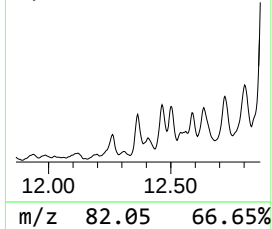
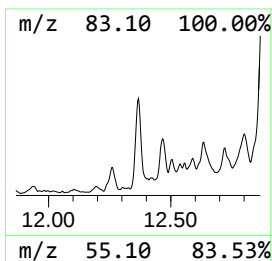
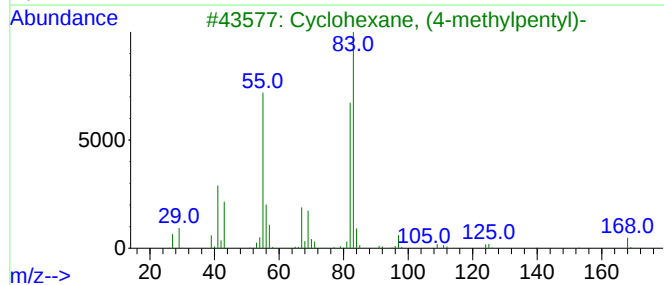
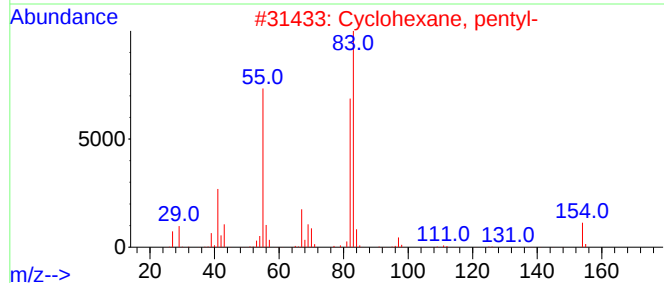
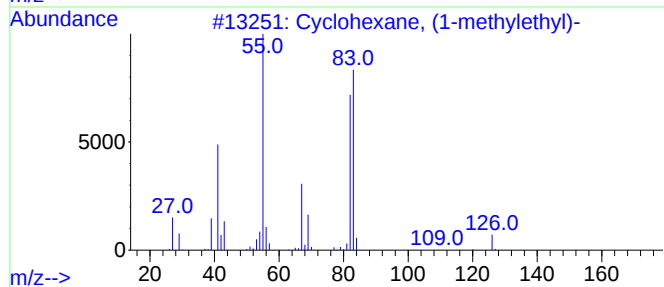
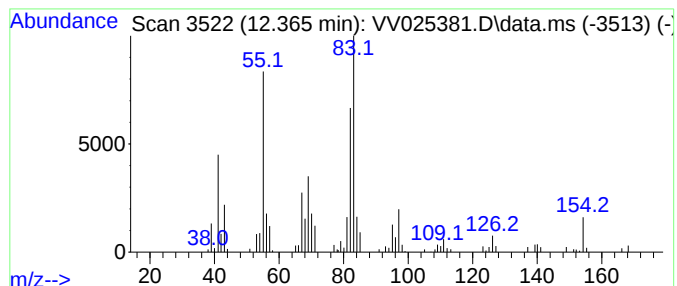
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.365 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	0.95 ug/L	112855	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
3			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

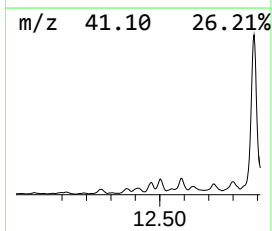
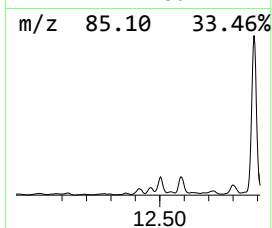
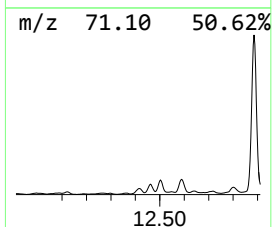
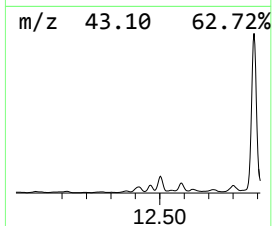
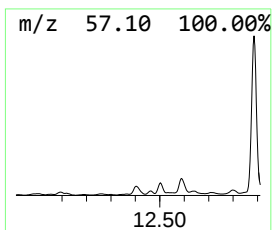
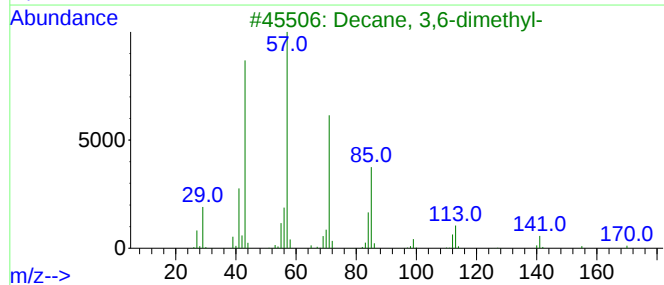
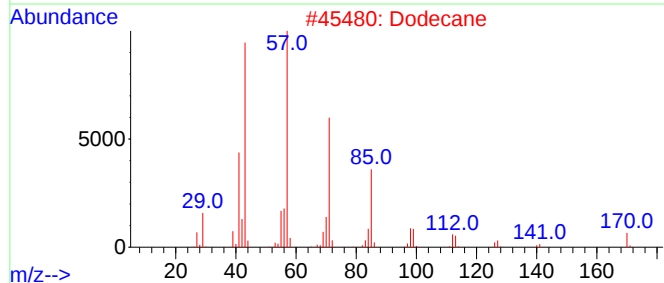
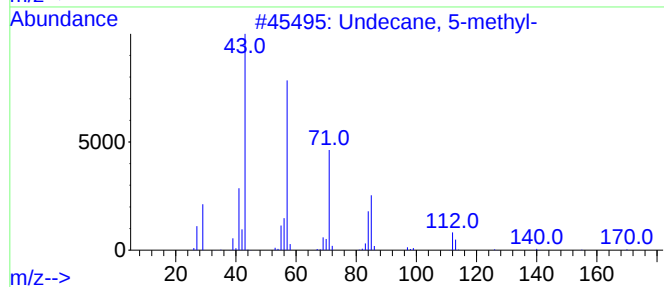
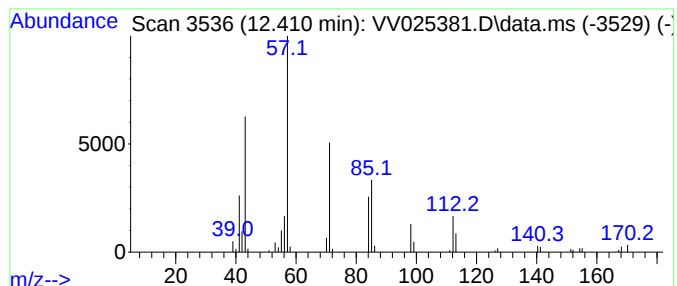
Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

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 8 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.410	0.84 ug/L	100110	1,4-Dichlorobenzene-d4		11.249	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-		170	C12H26	001632-70-8	72
2	Dodecane		170	C12H26	000112-40-3	72
3	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	64
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	59
5	Undecane		156	C11H24	001120-21-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

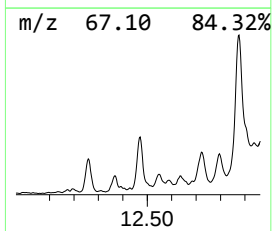
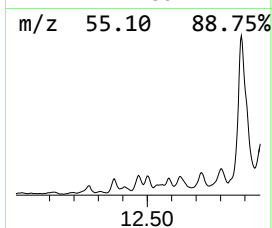
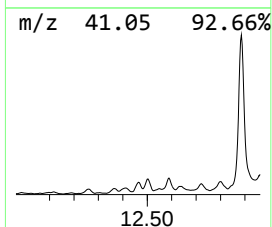
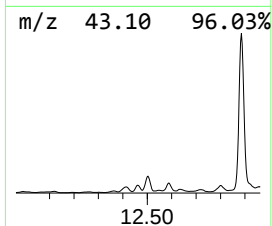
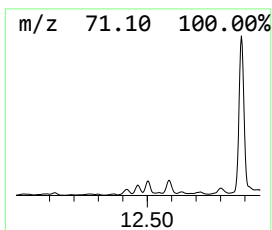
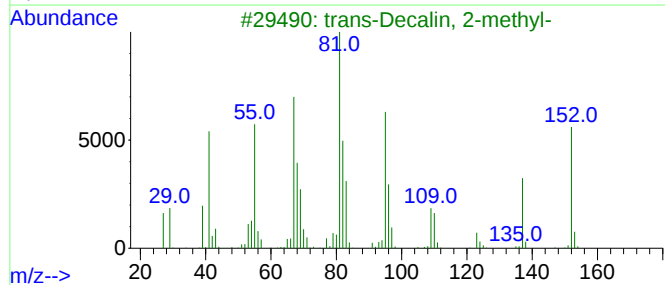
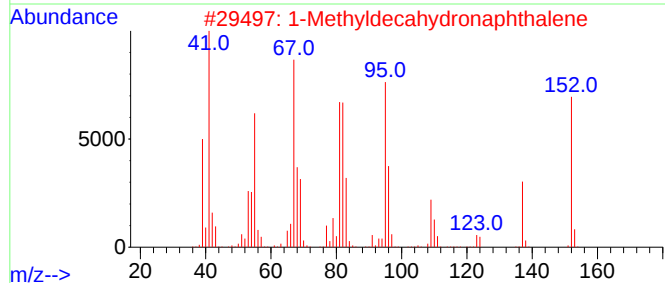
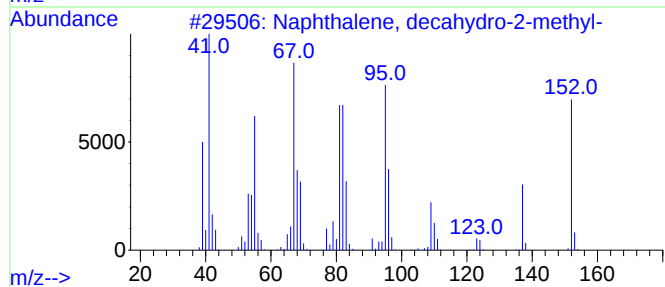
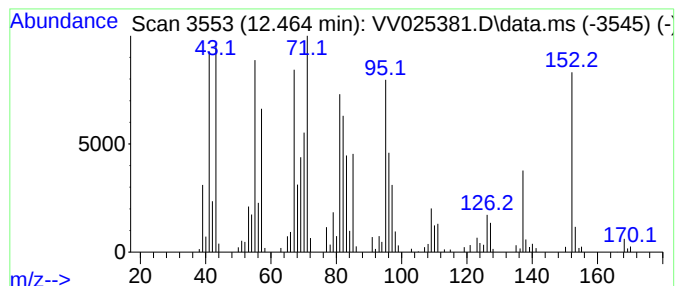
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	2.06 ug/L	244005	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			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	53
5			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

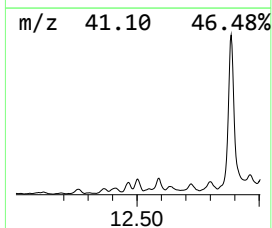
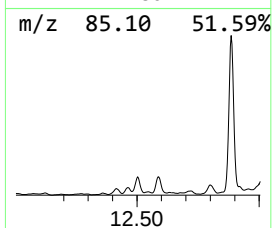
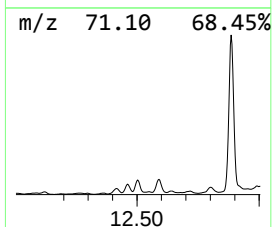
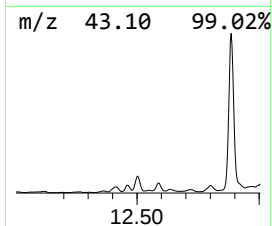
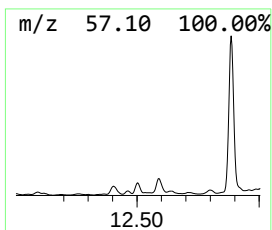
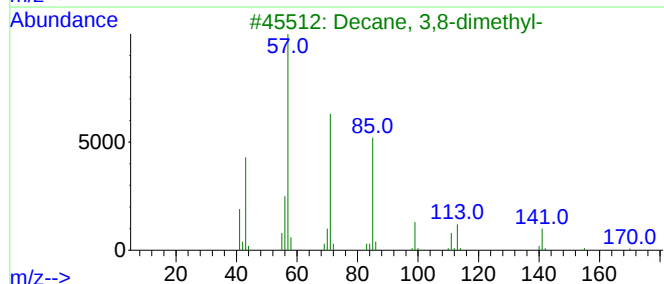
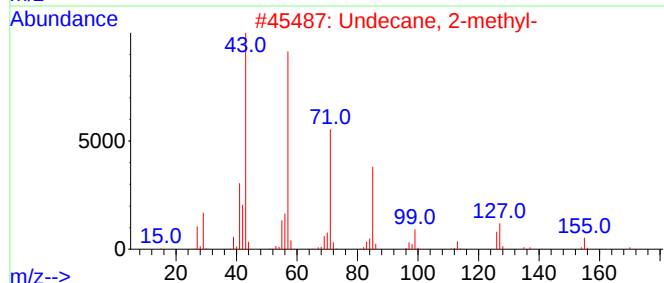
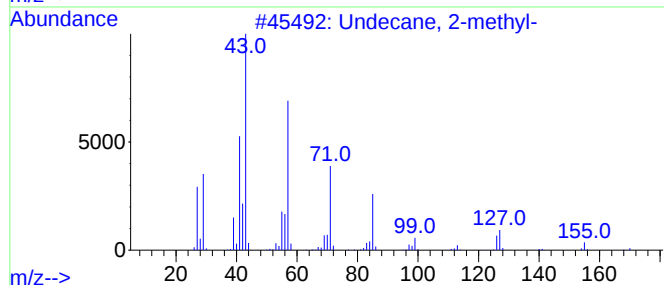
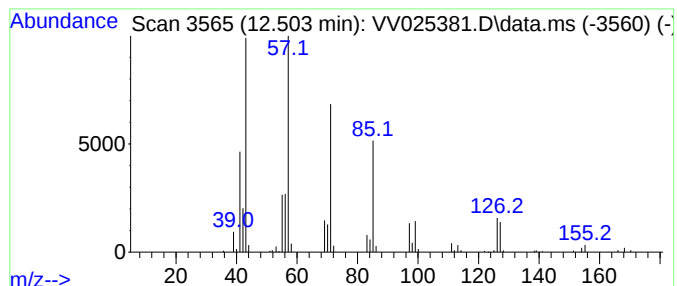
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.503	1.45 ug/L	172237	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	80
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	76
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	62
4			Eicosane, 10-methyl-	296	C21H44	054833-23-7	59
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

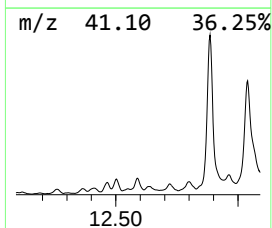
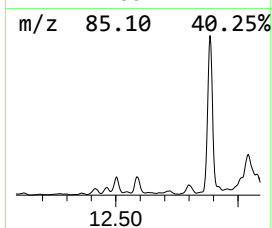
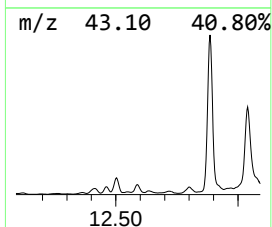
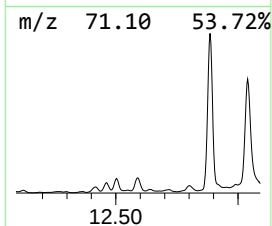
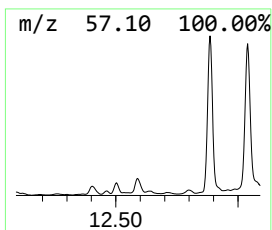
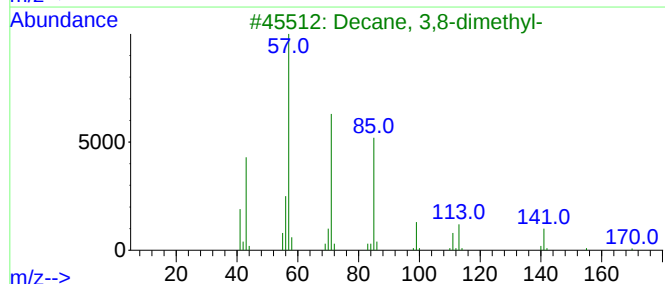
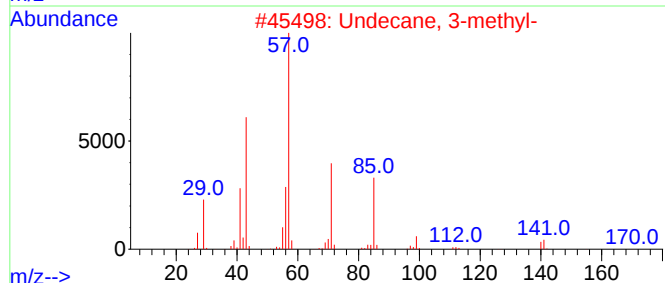
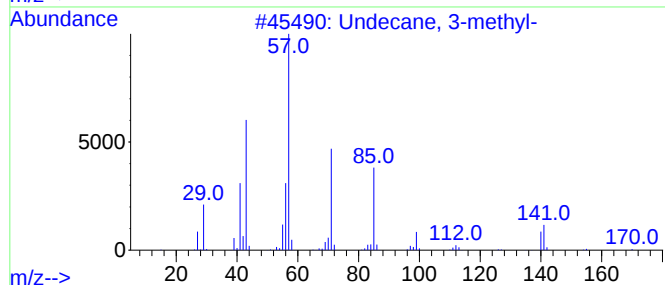
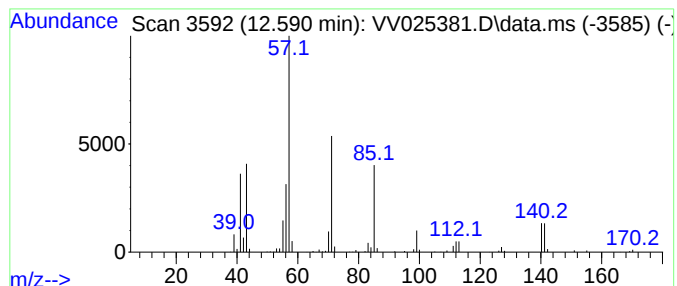
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.590	1.40 ug/L	166684	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	83
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	72
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
5			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

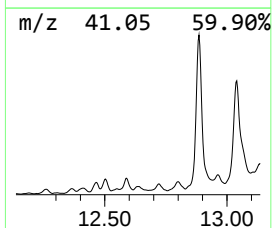
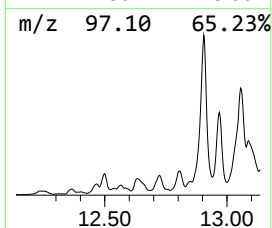
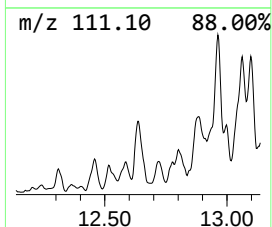
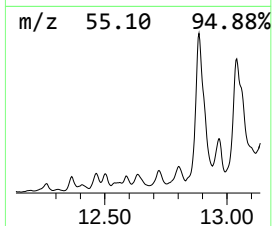
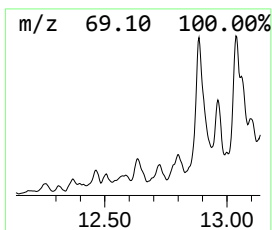
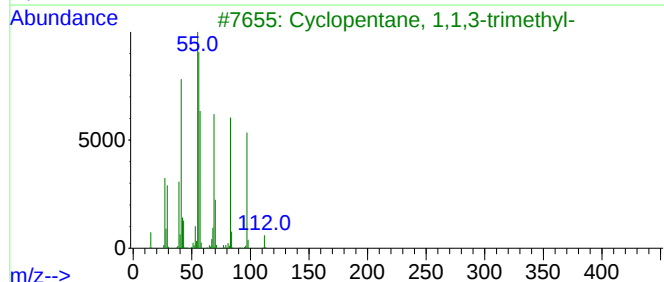
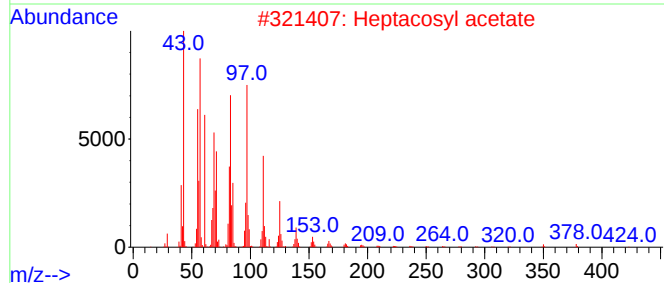
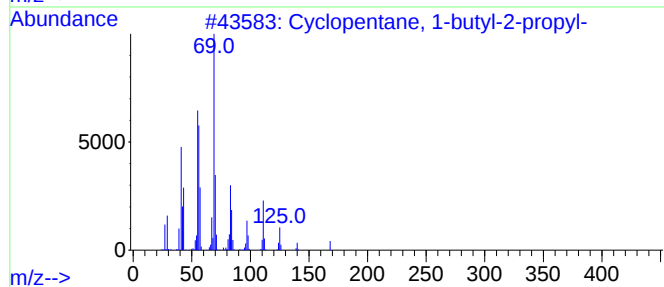
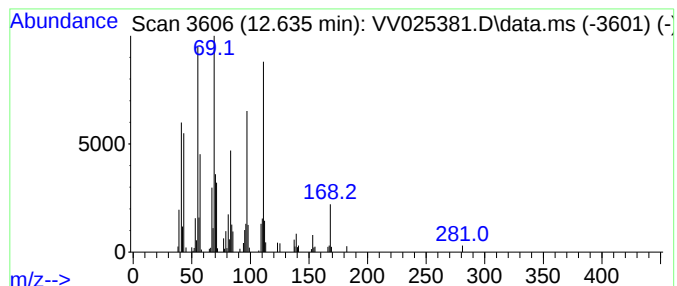
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.635 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.635	0.86 ug/L	102185	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	64
2			Heptacosyl acetate	438	C29H58O2	1000351-78-2	30
3			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	30
4			2,2,2-Trifluoroethyl methacrylate	168	C6H7F3O2	000352-87-4	25
5			4-Isopropyl-5,5-dimethyl-5H-fura...	154	C9H14O2	060845-38-7	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

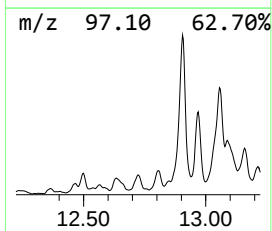
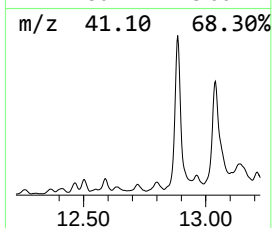
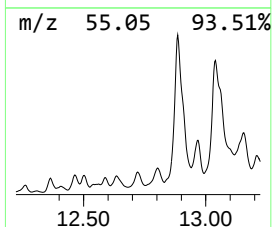
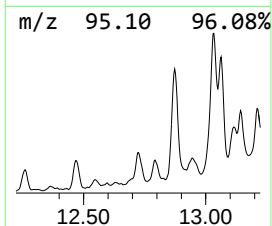
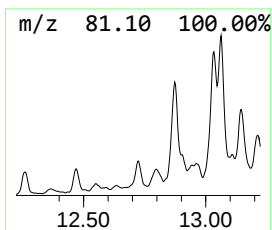
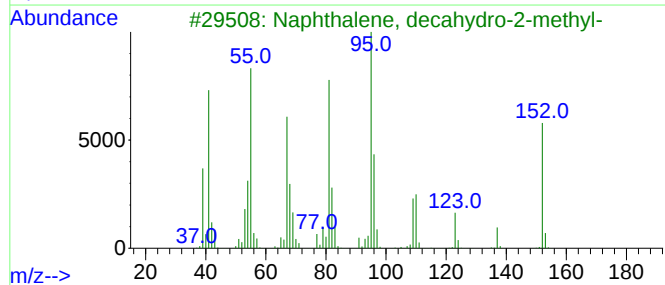
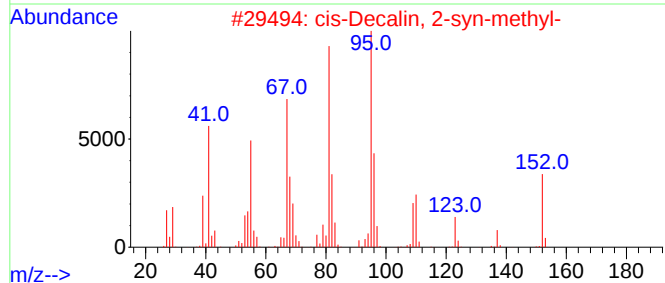
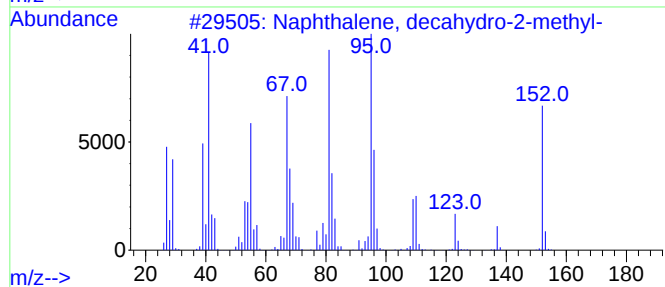
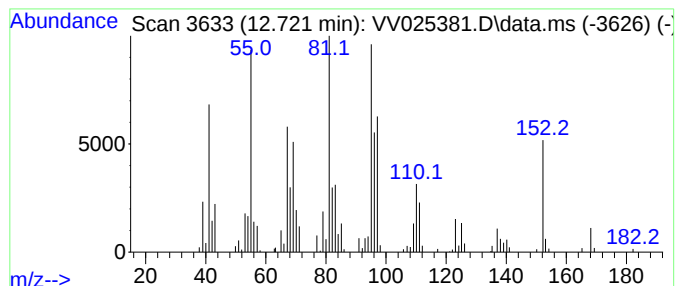
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 cis-Decalin, 2-syn-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	1.47 ug/L	174720	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	91
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	64
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

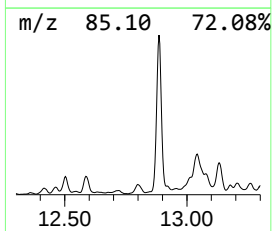
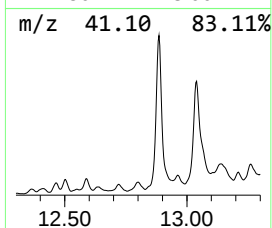
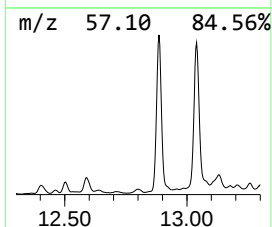
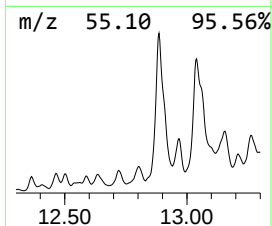
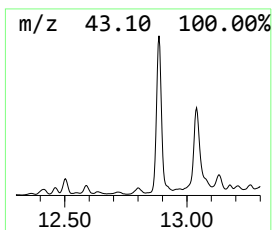
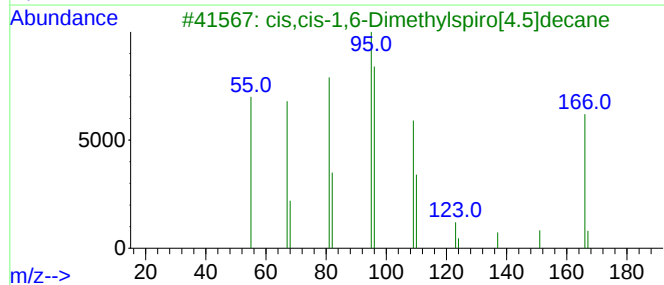
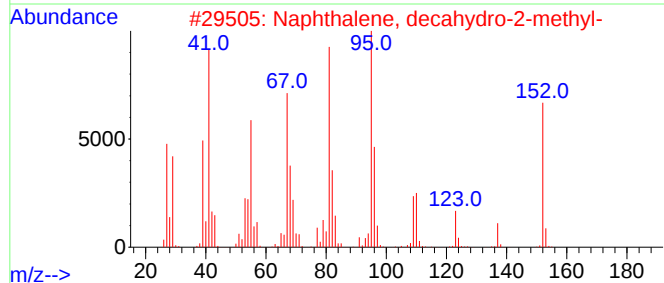
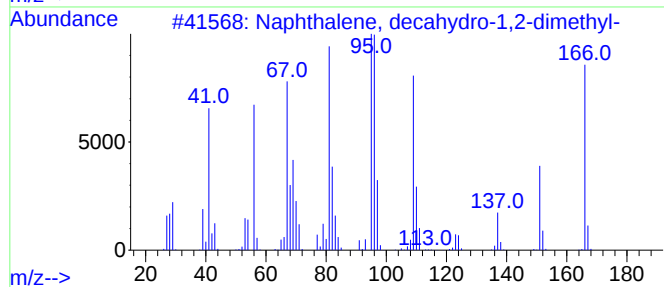
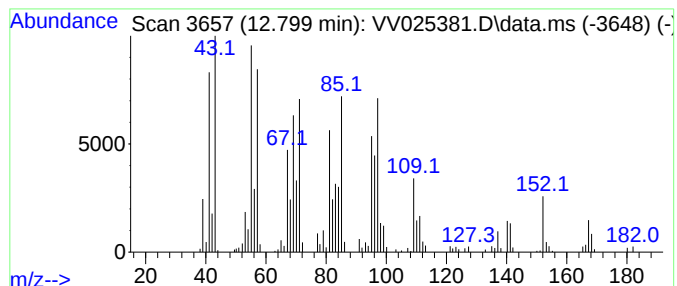
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.799	2.01 ug/L	238720	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	46
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	38
4			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	30
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

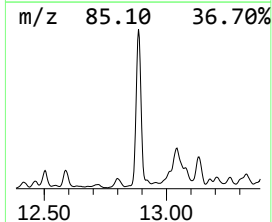
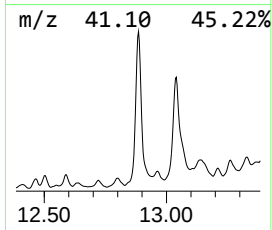
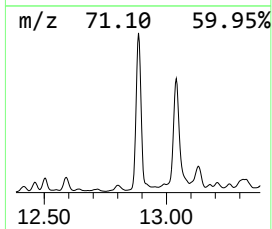
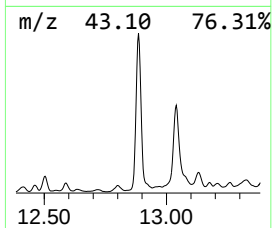
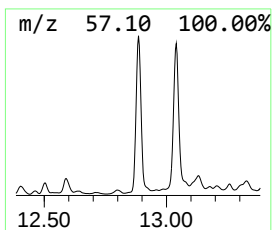
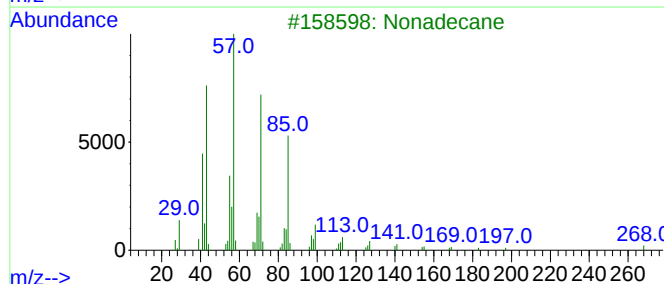
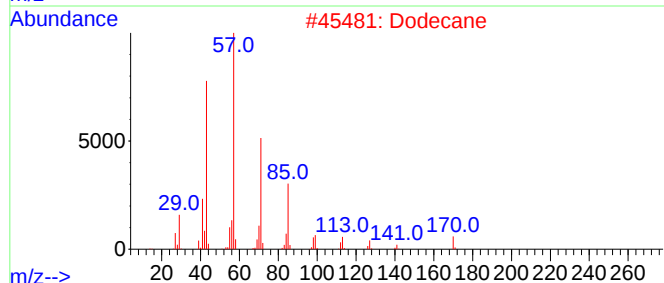
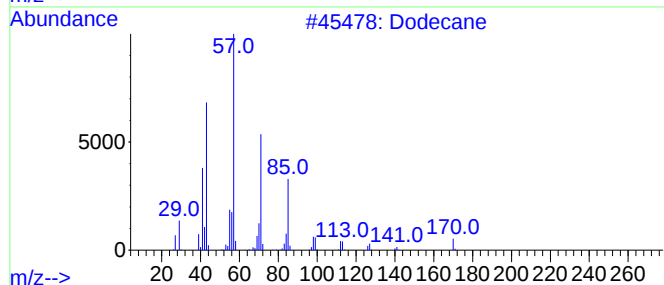
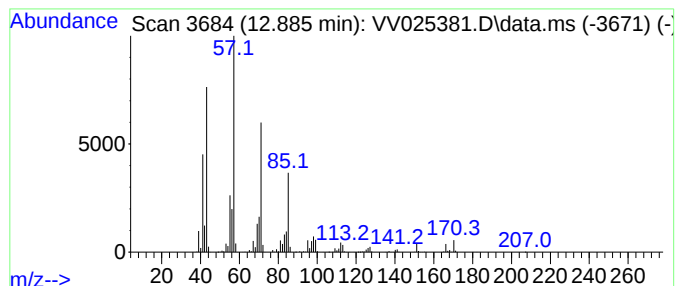
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.885	27.09 ug/L	3215620	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Dodecane	170	C12H26	000112-40-3	87
3			Nonadecane	268	C19H40	000629-92-5	80
4			Tetradecane	198	C14H30	000629-59-4	72
5			Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

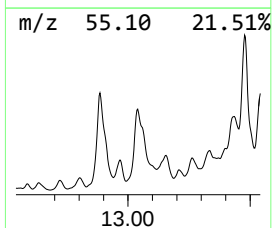
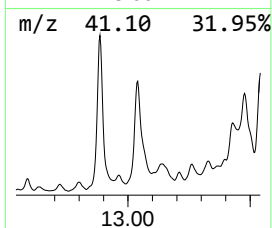
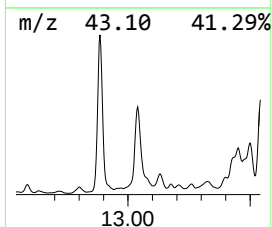
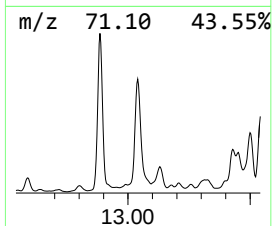
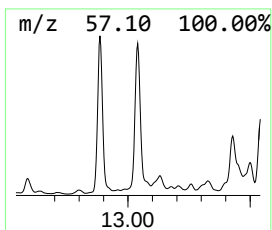
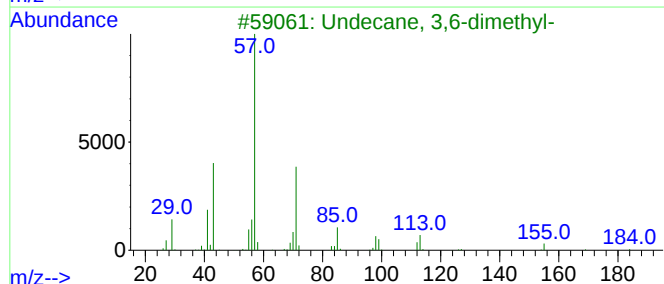
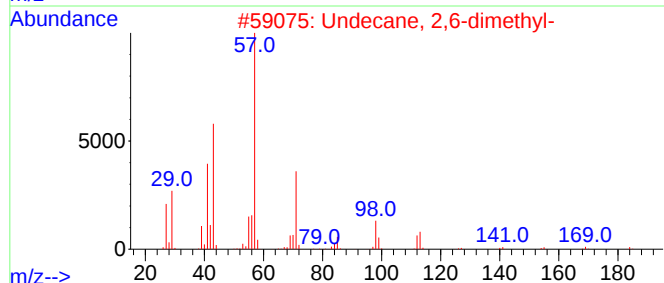
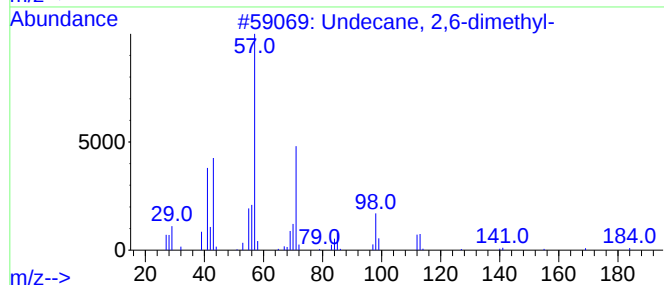
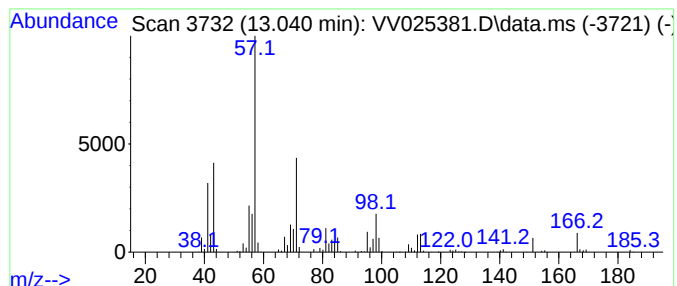
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.040	25.41 ug/L	3016060	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	96
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	89
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	53
5			Octane, 4-ethyl-	142	C10H22	015869-86-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

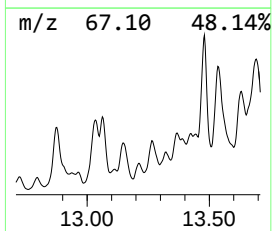
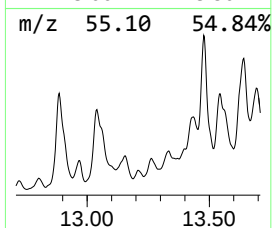
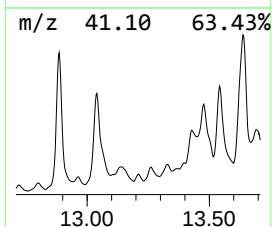
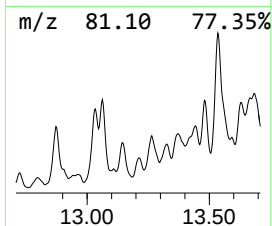
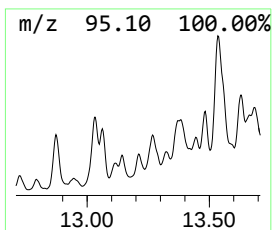
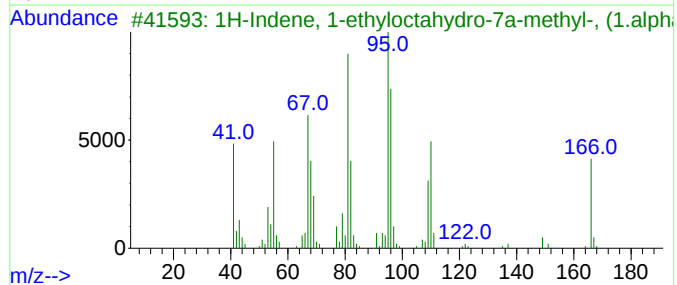
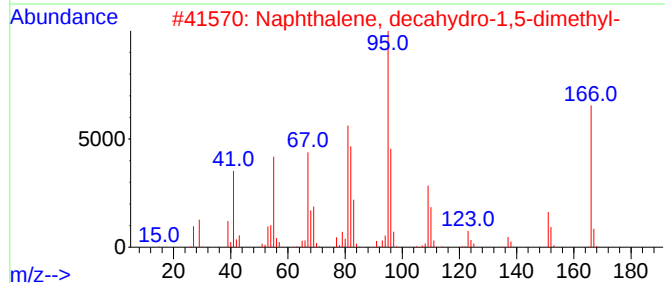
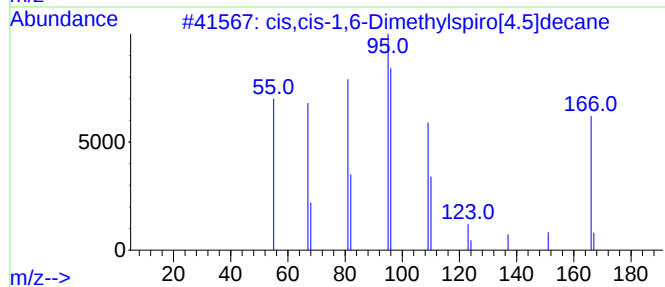
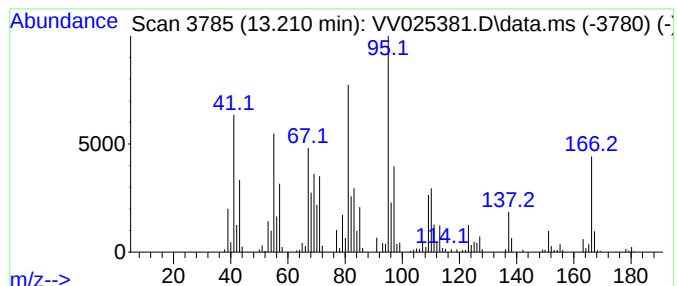
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 cis,cis-1,6-Dimethylspiro[4... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	1.34 ug/L	158857	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	86
2			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	64
3			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	58
4			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	52
5			cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

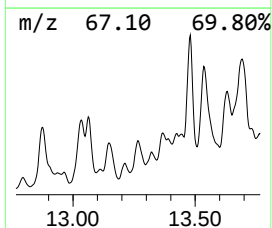
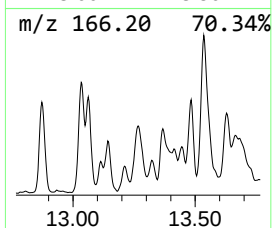
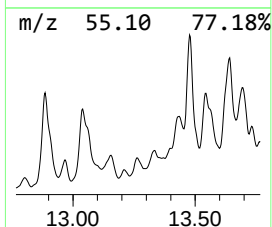
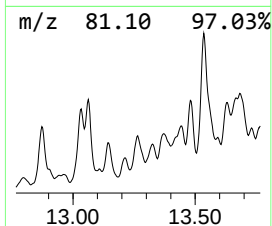
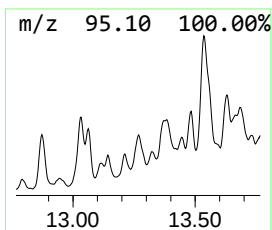
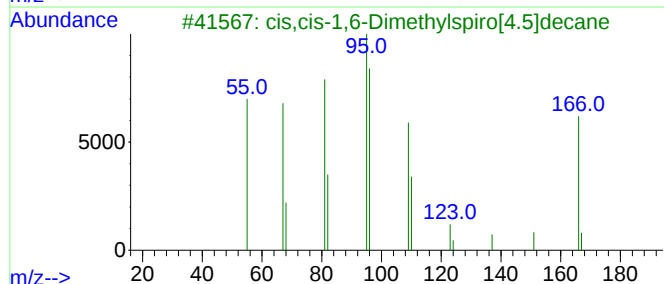
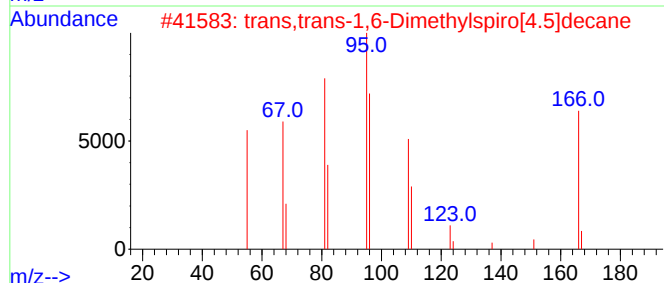
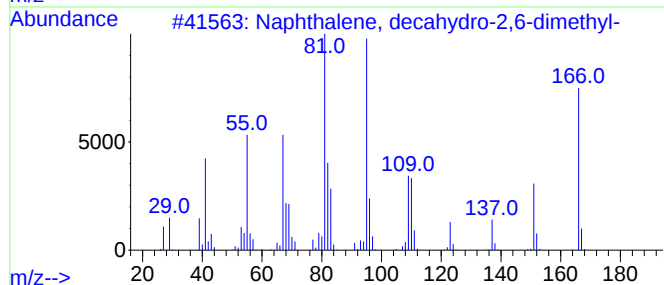
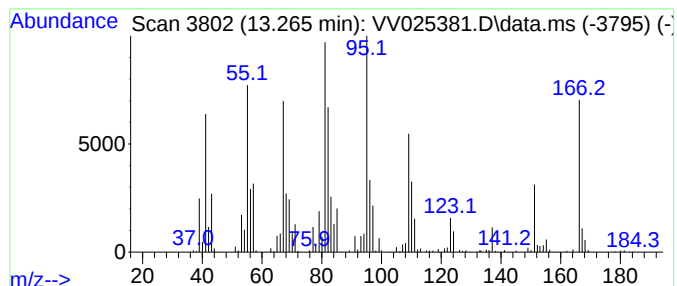
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Naphthalene, decahydro-2,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.265	3.34 ug/L	396741	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	94
2			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	90
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	89
4			(4aS,7S,7aR)-4,7-Dimethyl-5,6,7,...	166	C10H14O2	021651-62-7	70
5			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

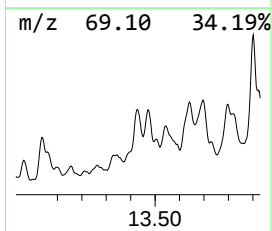
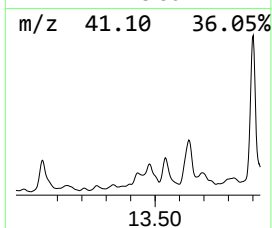
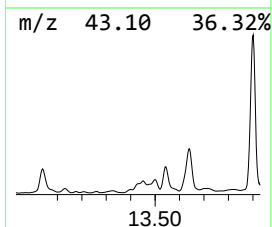
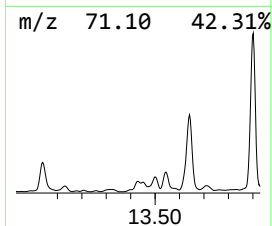
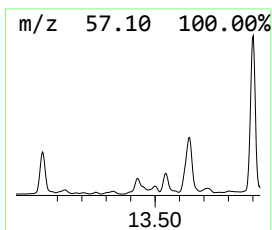
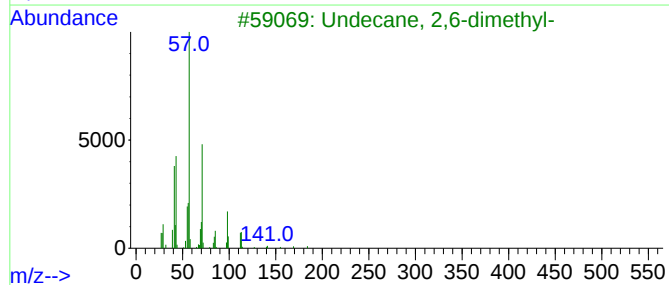
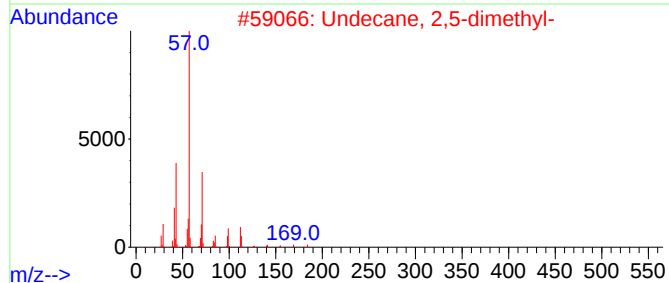
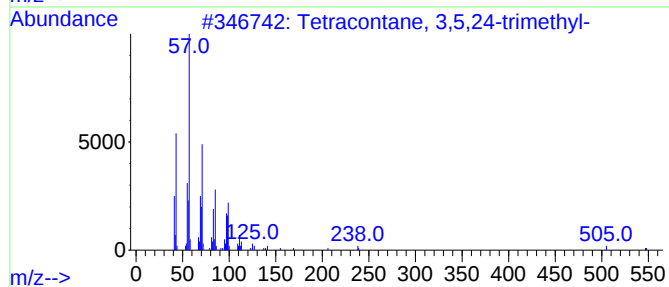
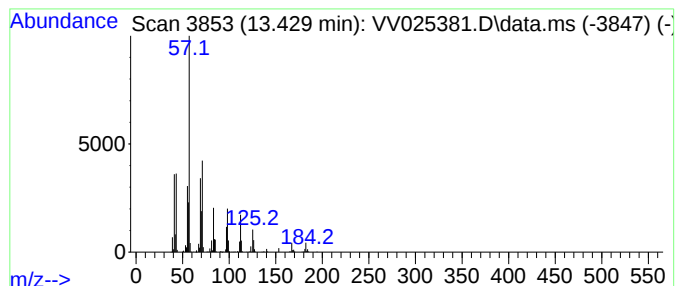
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.429	7.51 ug/L	890725	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	47
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	46
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	46
4			Hexatriacontane	507	C36H74	000630-06-8	43
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

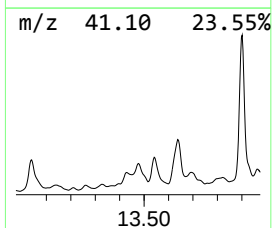
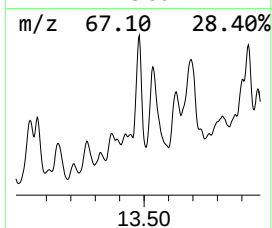
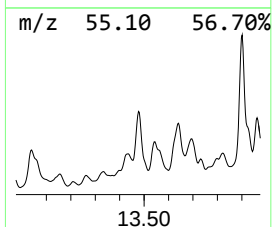
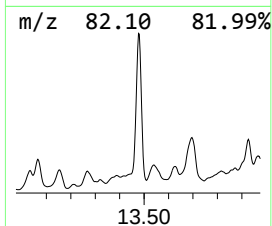
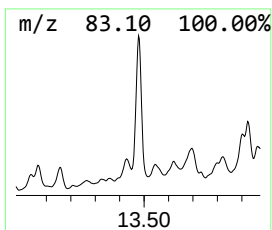
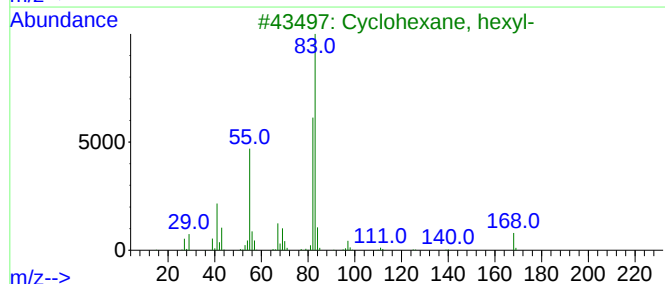
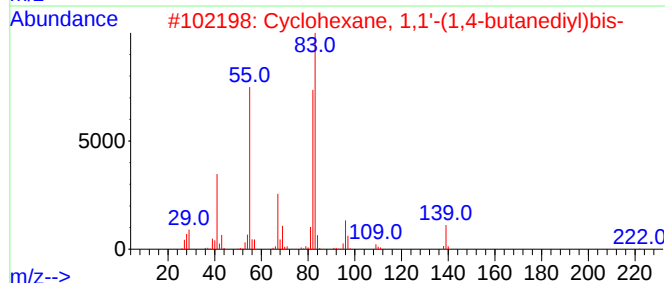
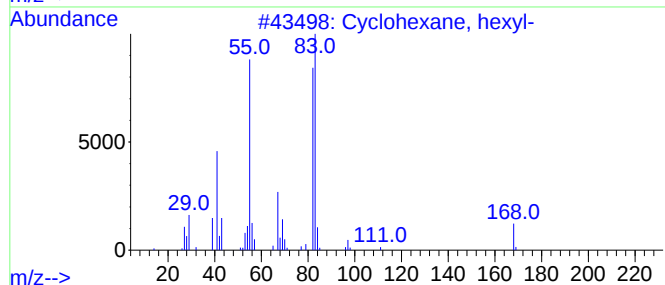
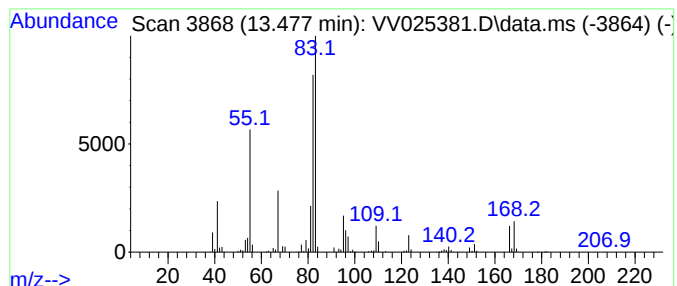
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.477 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	11.67 ug/L	1384590	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

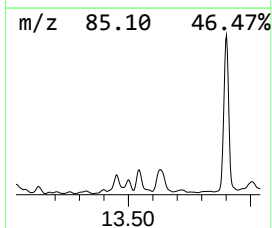
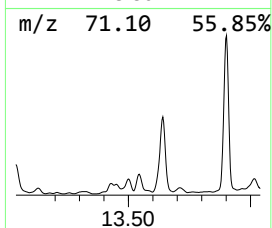
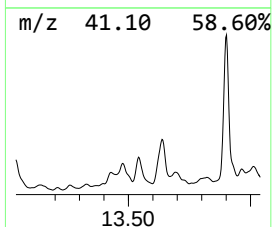
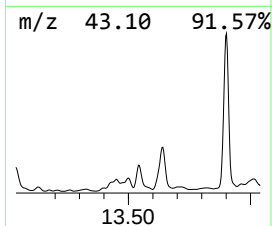
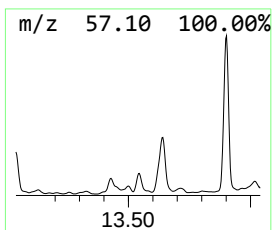
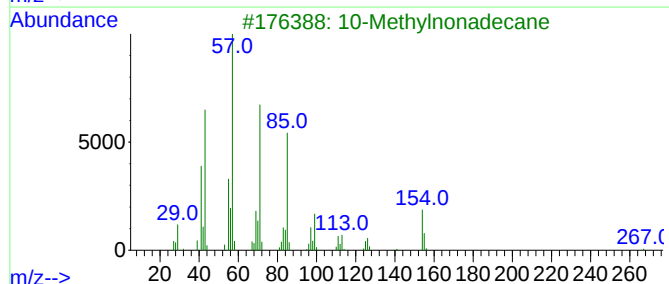
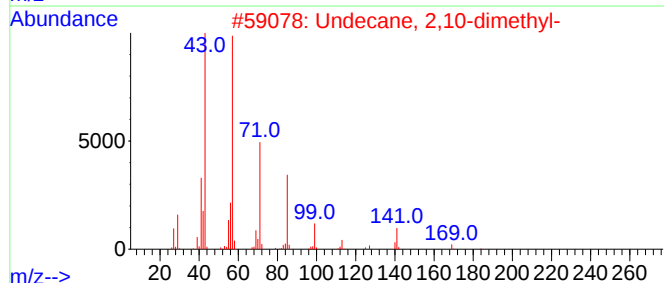
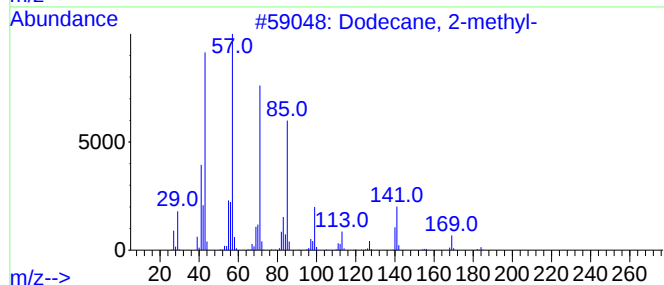
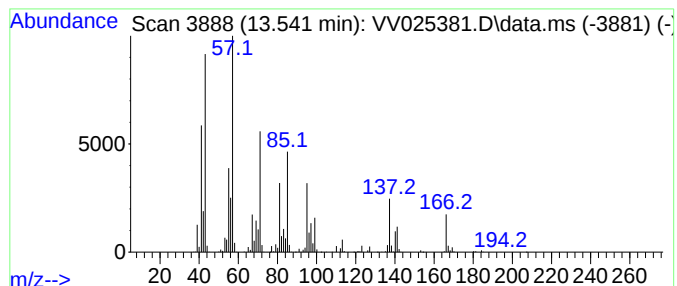
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	18.25 ug/L	2166230	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
2			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	58
3			10-Methylnonadecane	282	C20H42	056862-62-5	53
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	52
5			Hexacosane	366	C26H54	000630-01-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

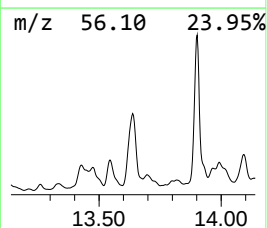
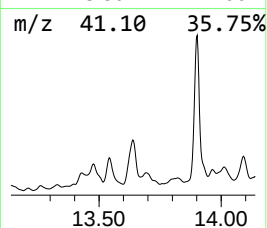
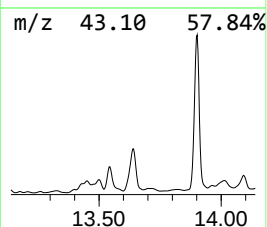
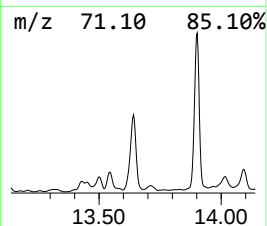
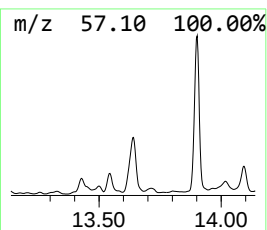
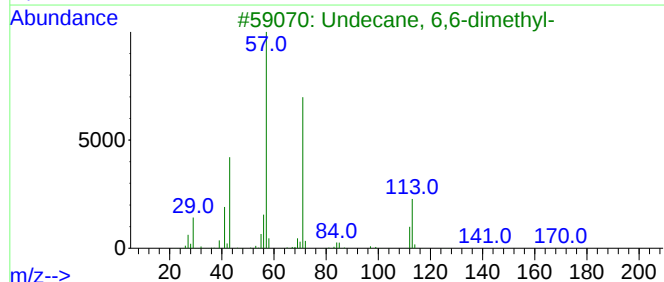
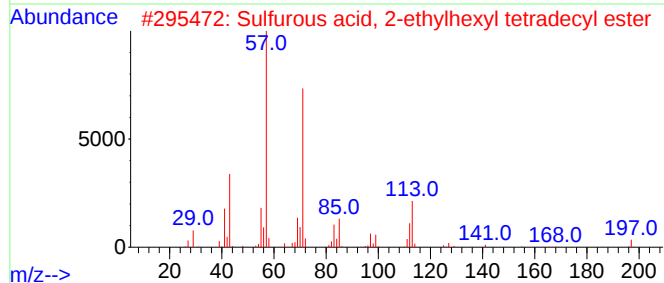
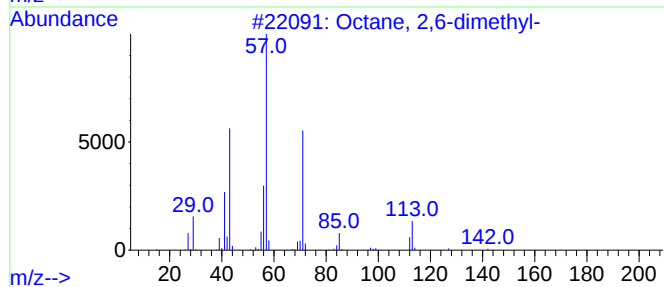
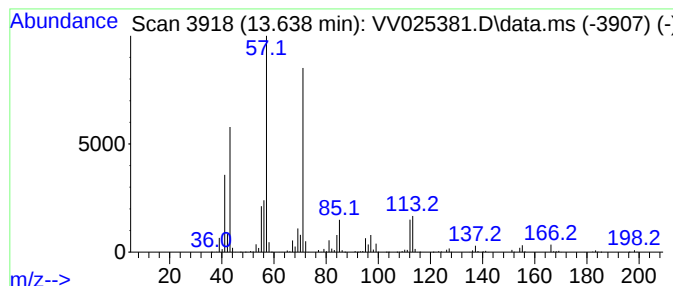
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.638	33.53 ug/L	3979670	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	78
2			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	72
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

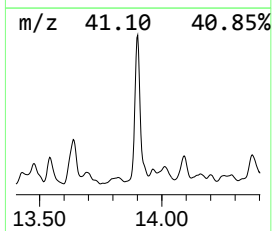
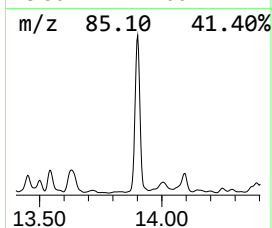
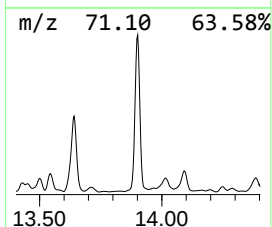
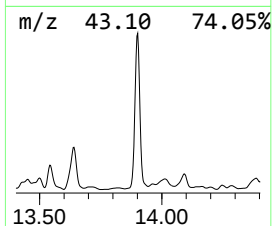
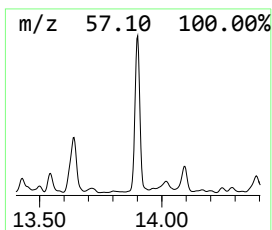
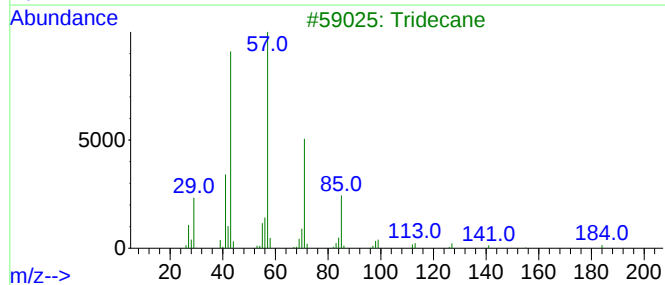
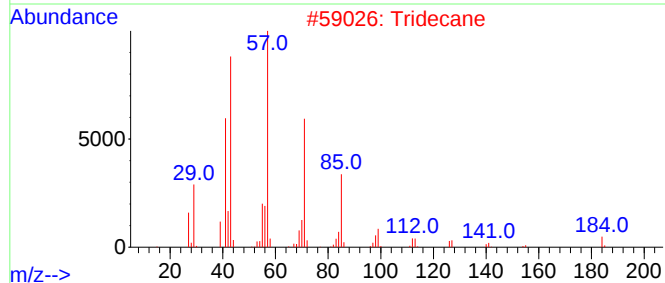
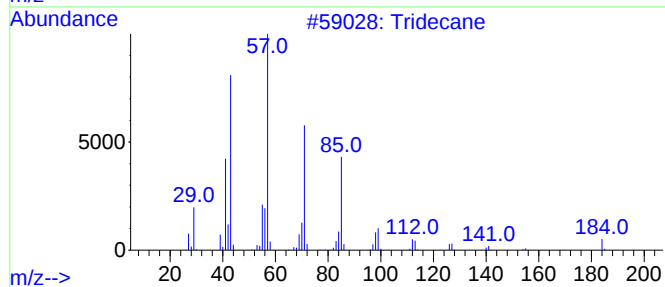
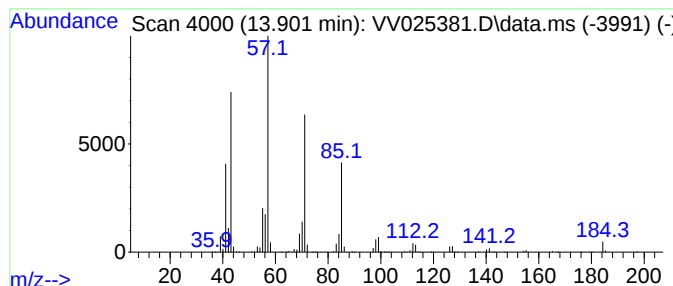
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	67.56 ug/L	8017520	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	96
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	91
4		Tridecane	184	C13H28	000629-50-5	90
5		Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

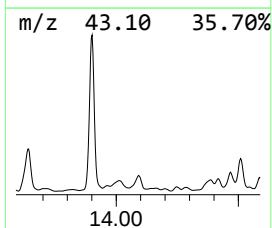
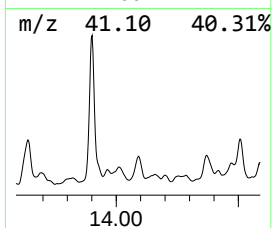
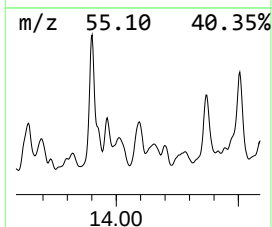
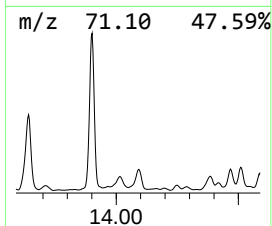
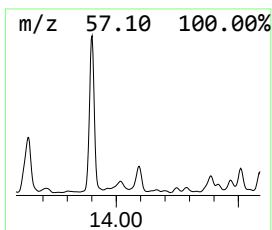
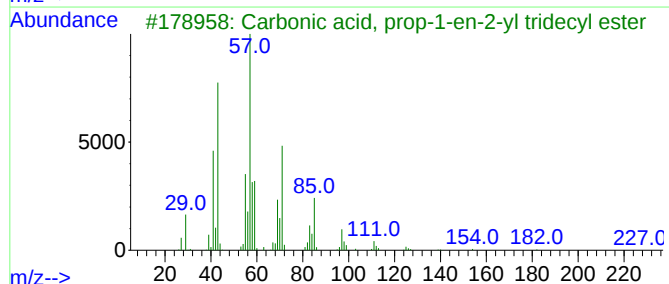
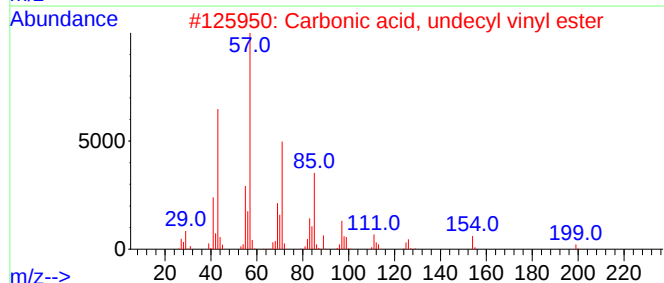
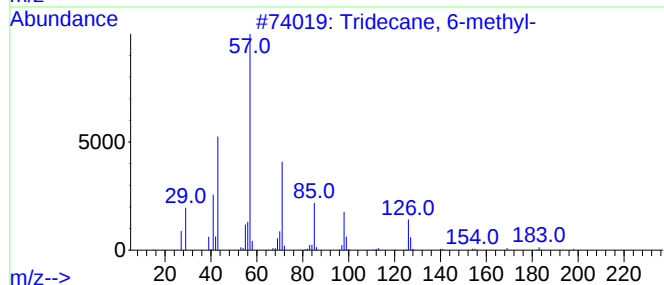
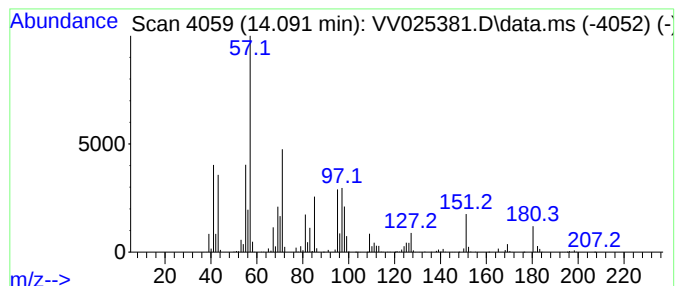
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	13.68 ug/L	1623650	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
2		Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	47
3		Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
4		Undecane	156	C11H24	001120-21-4	38
5		Decane, 3-methyl-	156	C11H24	013151-34-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

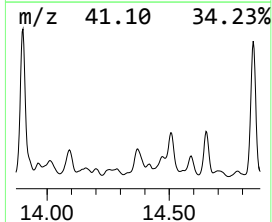
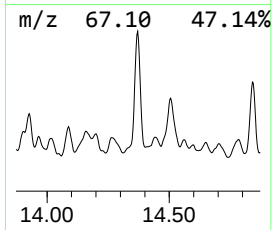
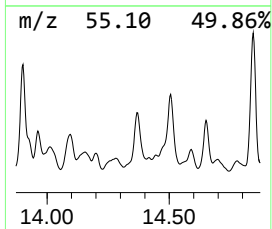
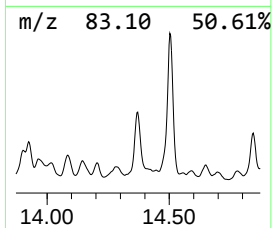
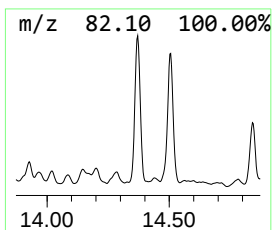
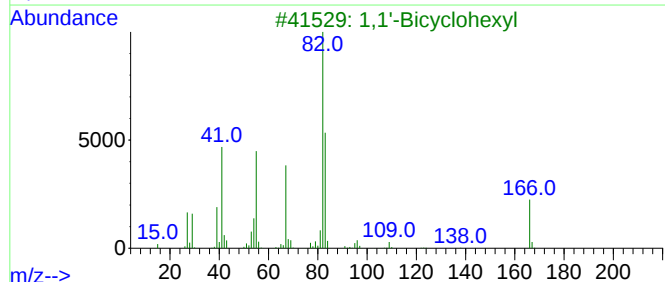
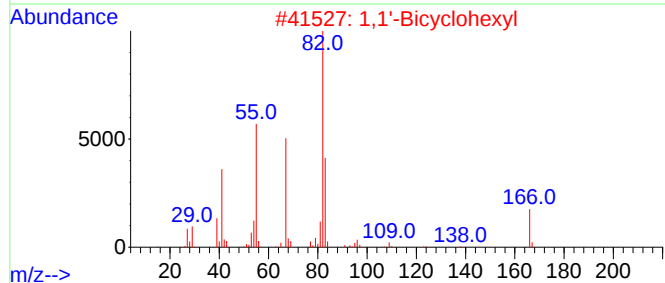
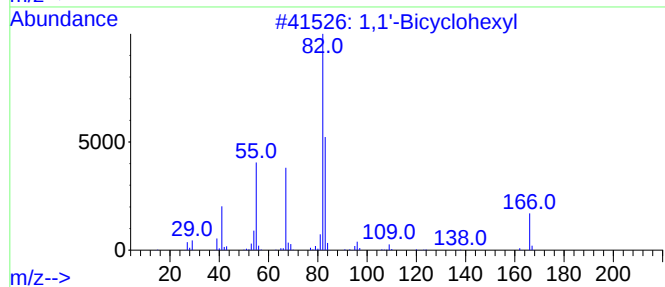
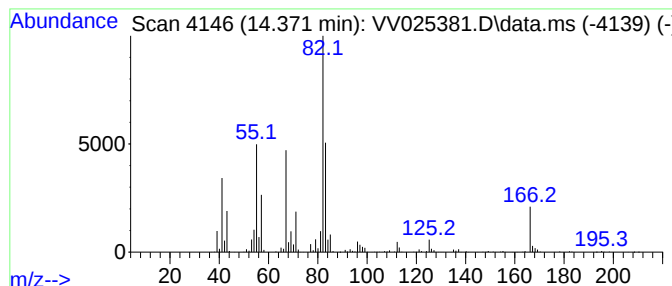
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 1,1'-Bicyclohexyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	14.65 ug/L	1738170	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	90
2	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	90
3	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	87
4	Acetic acid, trifluoro-, cyclohe...			196	C8H11F3O2	001549-45-7	72
5	Succinic acid, cis-hex-3-enyl de...			340	C20H36O4	1010353-41-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

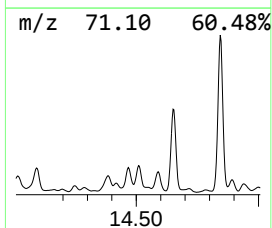
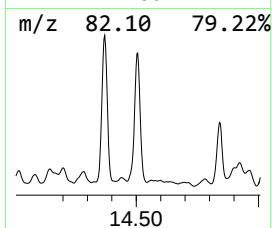
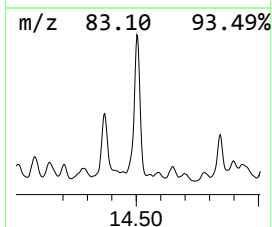
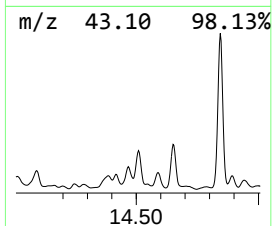
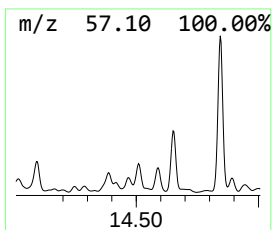
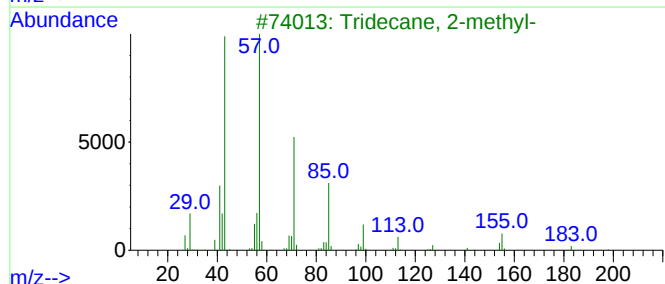
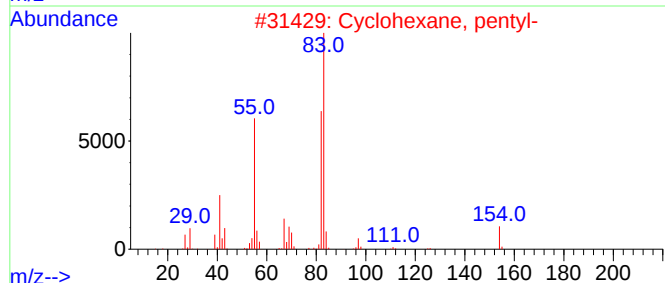
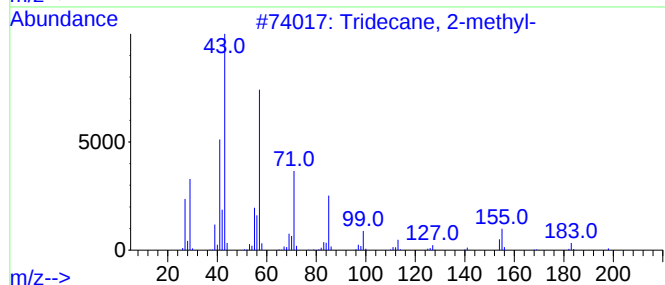
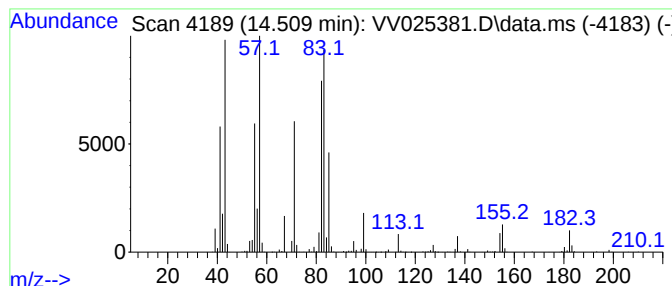
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.509	20.28 ug/L	2406250	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	60
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	38
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

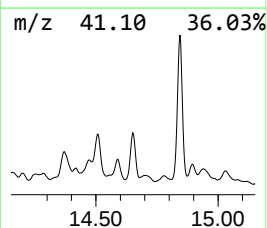
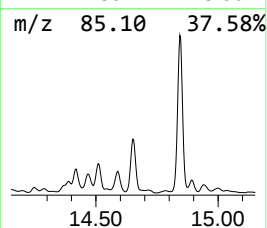
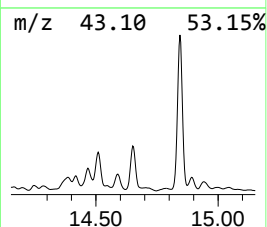
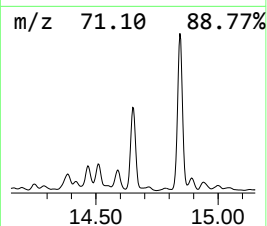
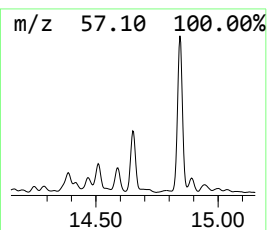
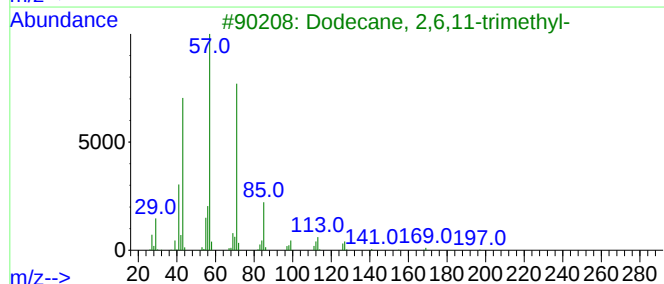
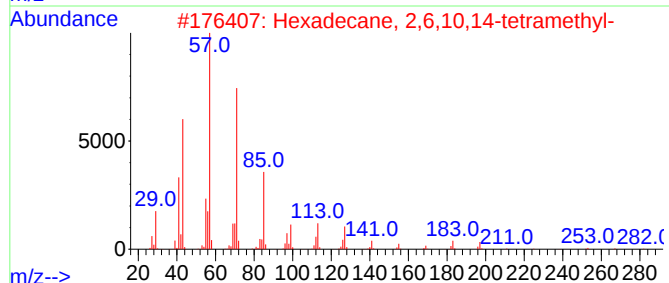
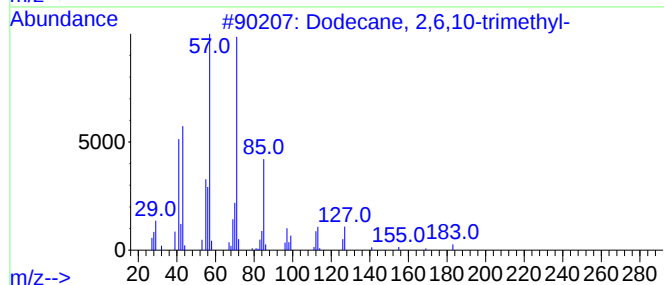
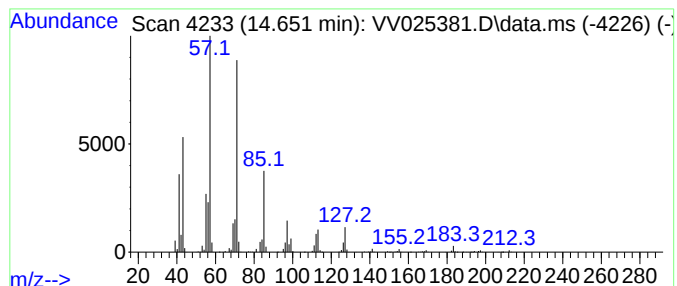
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	21.47 ug/L	2547620	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

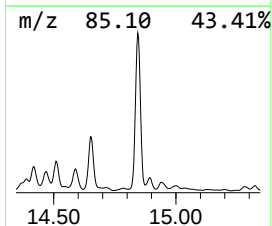
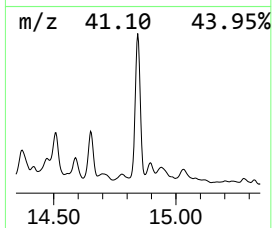
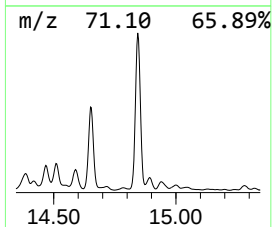
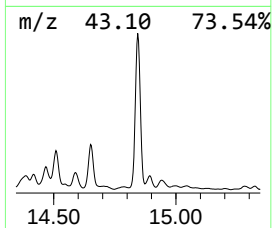
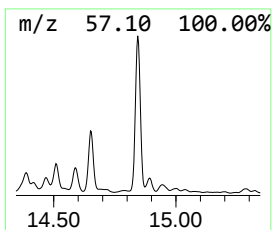
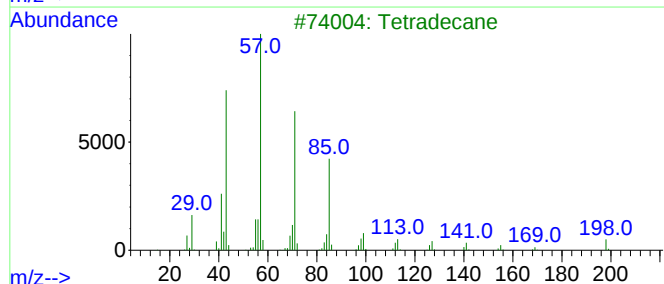
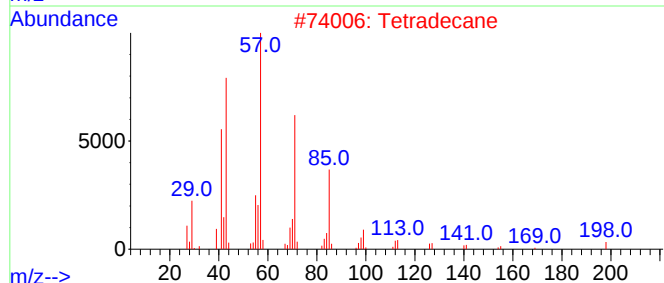
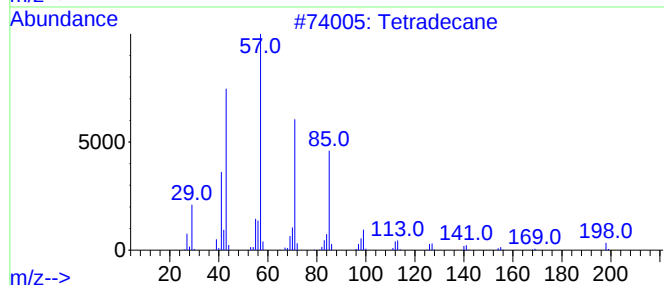
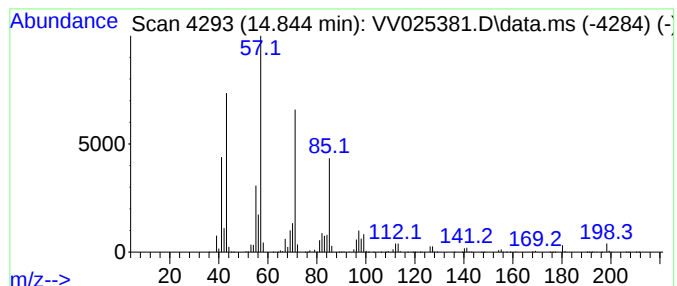
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	61.59 ug/L	7309370	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	96
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tridecane	184	C13H28	000629-50-5	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

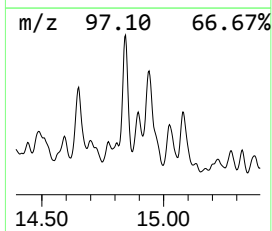
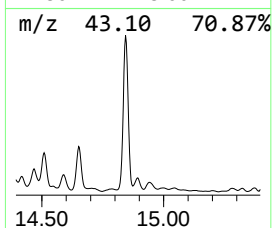
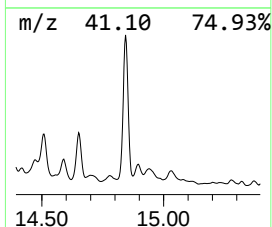
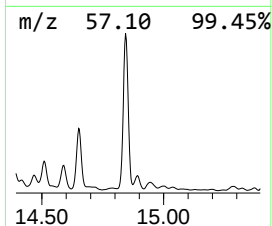
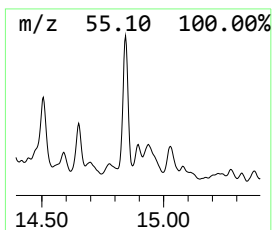
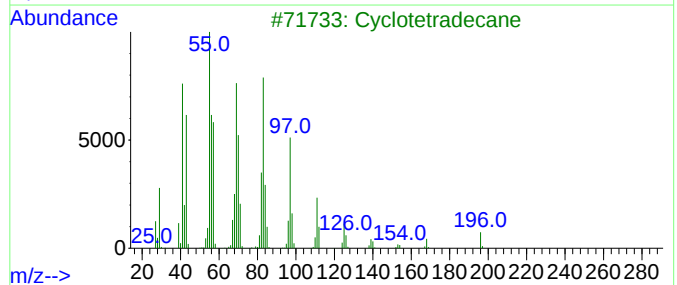
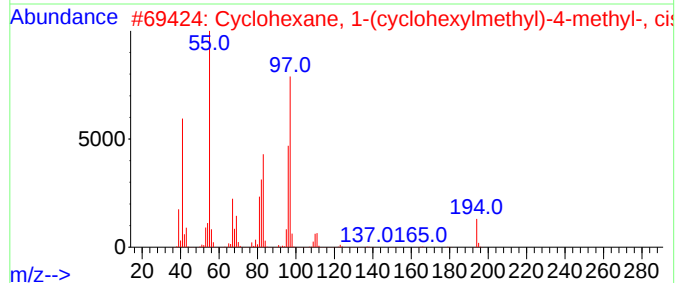
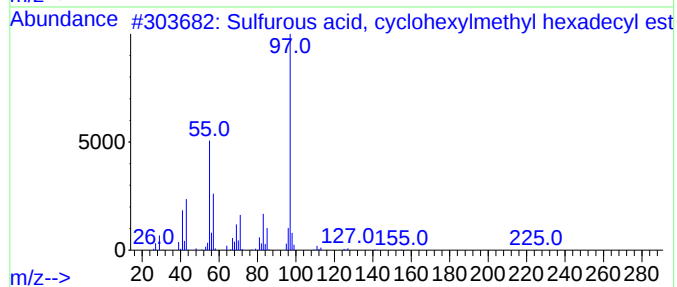
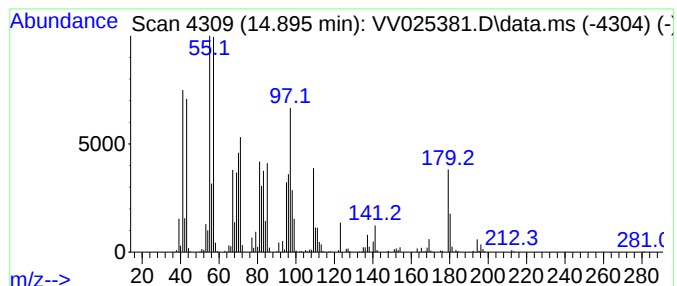
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.895	5.45 ug/L	646942	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	38
2			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	25
3			Cyclotetradecane	196	C14H28	000295-17-0	25
4			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	25
5			Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

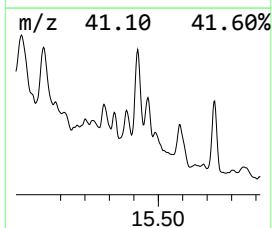
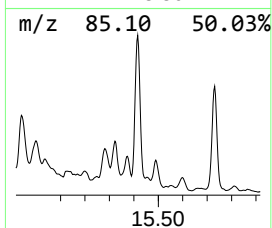
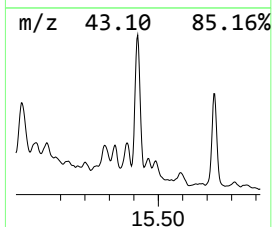
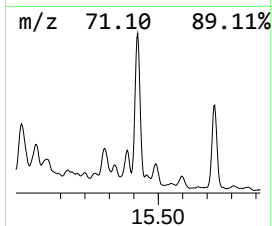
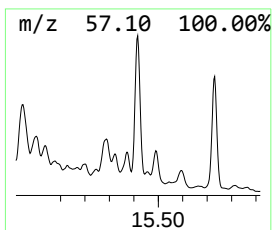
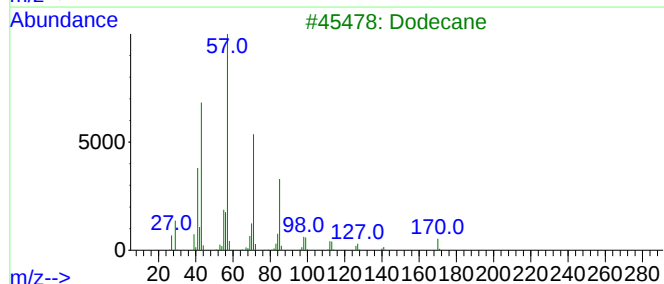
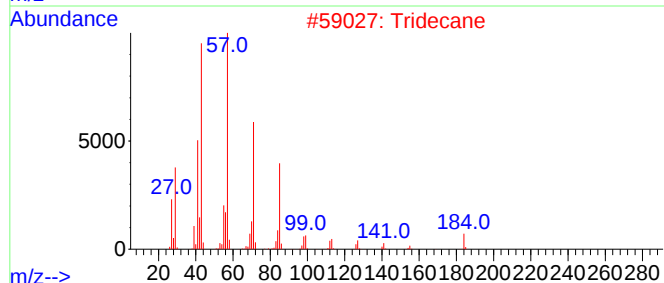
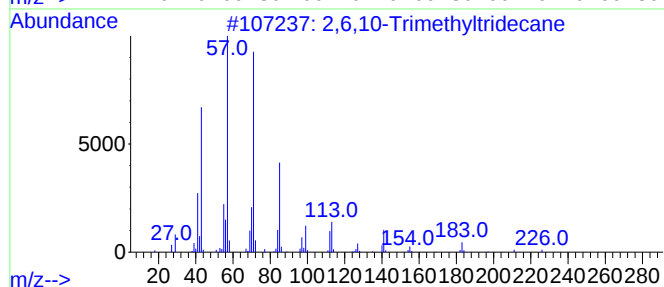
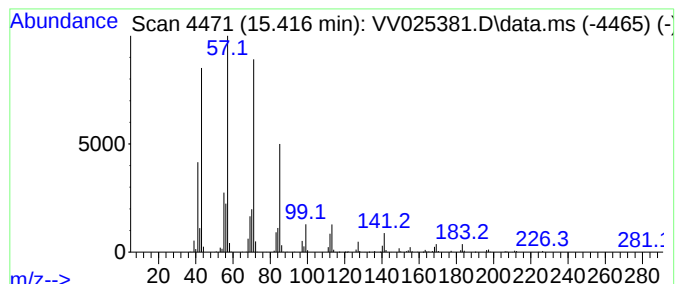
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	5.93 ug/L	704310	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	94
2		Tridecane	184	C13H28	000629-50-5	94
3		Dodecane	170	C12H26	000112-40-3	91
4		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025381.D
Acq On : 07 Apr 2022 13:18
Operator : SY/MD
Sample : VIBLK242
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK242

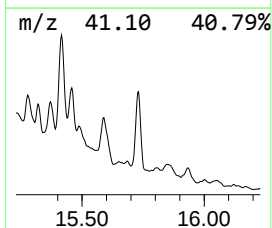
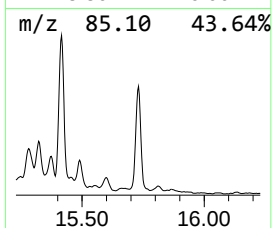
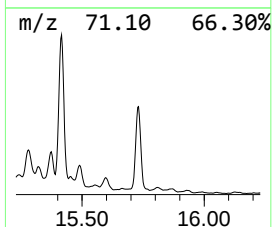
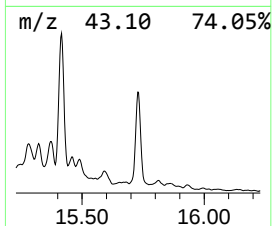
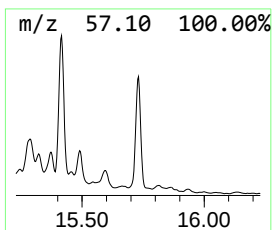
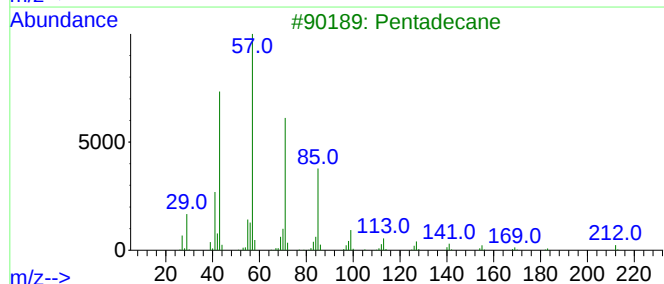
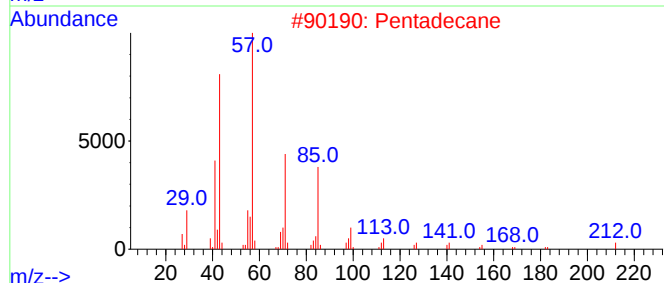
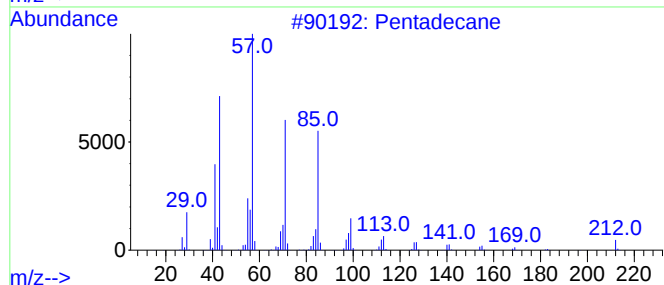
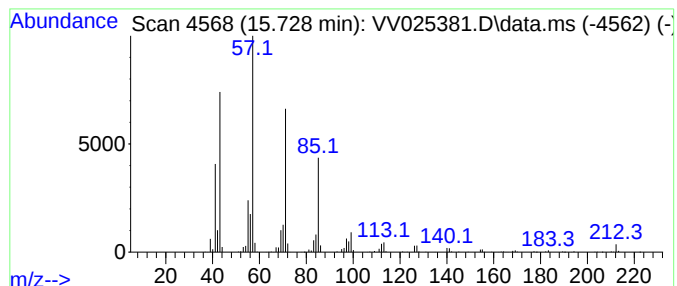
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.728	5.16 ug/L	612006	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Pentadecane	212	C15H32	000629-62-9	93
4			Heneicosane	296	C21H44	000629-94-7	90
5			Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025381.D
 Acq On : 07 Apr 2022 13:18
 Operator : SY/MD
 Sample : VIBLK242
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK242

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...	10.915	1.1	ug/L	129943	3	11.249	593398	5.0
Carbonic acid, ...	11.146	1.7	ug/L	202222	3	11.249	593398	5.0
(DEL) Alkane: S...	11.387	1.3	ug/L	153299	3	11.249	593398	5.0
(DEL) Alkane: S...	11.426	1.5	ug/L	174478	3	11.249	593398	5.0
Naphthalene, de...	12.259	1.3	ug/L	154171	3	11.249	593398	5.0
(DEL) Alkane: C...	12.365	0.9	ug/L	112855	3	11.249	593398	5.0
(DEL) Alkane: S...	12.410	0.8	ug/L	100110	3	11.249	593398	5.0
1-Methyldecahyd...	12.464	2.1	ug/L	244005	3	11.249	593398	5.0
(DEL) Alkane: S...	12.503	1.5	ug/L	172237	3	11.249	593398	5.0
(DEL) Alkane: S...	12.590	1.4	ug/L	166684	3	11.249	593398	5.0
(DEL) Alkane: C...	12.635	0.9	ug/L	102185	3	11.249	593398	5.0
cis-Decalin, 2-...	12.722	1.5	ug/L	174720	3	11.249	593398	5.0
unknown-01	12.799	2.0	ug/L	238720	3	11.249	593398	5.0
(DEL) Alkane: S...	12.885	27.1	ug/L	3215620	3	11.249	593398	5.0
(DEL) Alkane: S...	13.040	25.4	ug/L	3016060	3	11.249	593398	5.0
cis,cis-1,6-Dim...	13.210	1.3	ug/L	158857	3	11.249	593398	5.0
Naphthalene, de...	13.265	3.3	ug/L	396741	3	11.249	593398	5.0
(DEL) Alkane: S...	13.429	7.5	ug/L	890725	3	11.249	593398	5.0
(DEL) Alkane: C...	13.477	11.7	ug/L	1384590	3	11.249	593398	5.0
(DEL) Alkane: S...	13.541	18.3	ug/L	2166230	3	11.249	593398	5.0
(DEL) Alkane: S...	13.638	33.5	ug/L	3979670	3	11.249	593398	5.0
(DEL) Alkane: S...	13.902	67.6	ug/L	8017520	3	11.249	593398	5.0
(DEL) Alkane: S...	14.091	13.7	ug/L	1623650	3	11.249	593398	5.0
1,1'-Bicyclohexyl	14.371	14.7	ug/L	1738170	3	11.249	593398	5.0
(DEL) Alkane: S...	14.509	20.3	ug/L	2406250	3	11.249	593398	5.0
(DEL) Alkane: S...	14.651	21.5	ug/L	2547620	3	11.249	593398	5.0
(DEL) Alkane: S...	14.844	61.6	ug/L	7309370	3	11.249	593398	5.0
unknown-02	14.895	5.5	ug/L	646942	3	11.249	593398	5.0
(DEL) Alkane: S...	15.416	5.9	ug/L	704310	3	11.249	593398	5.0
(DEL) Alkane: S...	15.728	5.2	ug/L	612006	3	11.249	593398	5.0