

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025367.D
 Acq On : 06 Apr 2022 16:35
 Operator : SY/MD
 Sample : VIBLK241
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK241

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: VV025367.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	98	rVB	93551	97641	1.55%	0.336%
2	1.568	157	164	177	rBV	93283	104826	1.67%	0.361%
3	2.108	322	332	343	rBV	179242	255191	4.06%	0.878%
4	3.899	879	889	924	rBV	50137	166408	2.65%	0.573%
5	4.349	1010	1029	1058	rBV	95026	241606	3.84%	0.831%
6	5.050	1231	1247	1274	rBV2	208934	522123	8.31%	1.797%
7	5.619	1412	1424	1456	rBV	193107	401975	6.39%	1.383%
8	6.072	1551	1565	1596	rBV2	121218	251730	4.00%	0.866%
9	6.989	1839	1850	1867	rBV2	50030	94459	1.50%	0.325%
10	7.317	1940	1952	1970	rBV	245677	425547	6.77%	1.464%
11	8.088	2182	2192	2210	rBV	216723	400045	6.36%	1.377%
12	8.854	2417	2430	2453	rBV	293541	487739	7.76%	1.679%
13	10.217	2840	2854	2866	rBV	85273	136629	2.17%	0.470%
14	11.146	3132	3143	3153	rBV2	39743	63452	1.01%	0.218%
15	11.249	3164	3175	3190	rBV	295138	465998	7.41%	1.604%
16	11.622	3280	3291	3312	rVB	265165	427600	6.80%	1.472%
17	12.259	3477	3489	3499	rBV5	34703	64259	1.02%	0.221%
18	12.468	3544	3554	3560	rBV5	48387	84458	1.34%	0.291%
19	12.886	3671	3684	3701	rBV2	496957	911491	14.50%	3.137%
20	13.040	3718	3732	3750	rBV3	446352	1054830	16.78%	3.630%
21	13.262	3795	3801	3810	rBV6	69910	123468	1.96%	0.425%
22	13.429	3847	3853	3857	rBV2	144182	206231	3.28%	0.710%
23	13.477	3864	3868	3880	rVB4	266575	423774	6.74%	1.458%
24	13.541	3881	3888	3906	rVB3	417205	763945	12.15%	2.629%
25	13.641	3907	3919	3929	rBV3	781092	1592119	25.33%	5.479%
26	13.898	3991	3999	4014	rBV	2455633	3536804	56.26%	12.172%
27	14.091	4052	4059	4067	rVB4	486760	724707	11.53%	2.494%
28	14.371	4138	4146	4156	rBV3	467729	975081	15.51%	3.356%
29	14.506	4183	4188	4199	rVB3	863588	1278266	20.33%	4.399%
30	14.590	4208	4214	4223	rVB	492132	719459	11.44%	2.476%
31	14.651	4225	4233	4242	rBV	1372146	1940042	30.86%	6.676%
32	14.844	4284	4293	4302	rBV	4602585	6286308	100.00%	21.634%
33	14.895	4303	4309	4316	rVV3	406874	543300	8.64%	1.870%
34	15.416	4464	4471	4479	rBV2	1208645	1633116	25.98%	5.620%
35	15.731	4561	4569	4580	rVB	1232931	1653362	26.30%	5.690%

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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

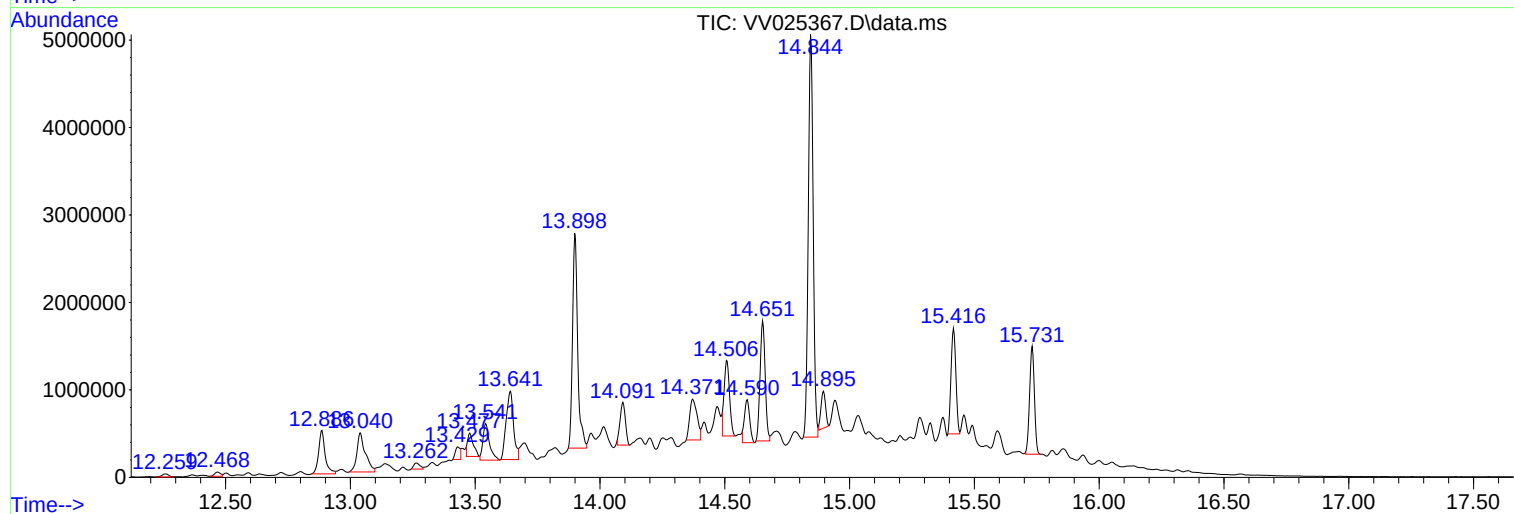
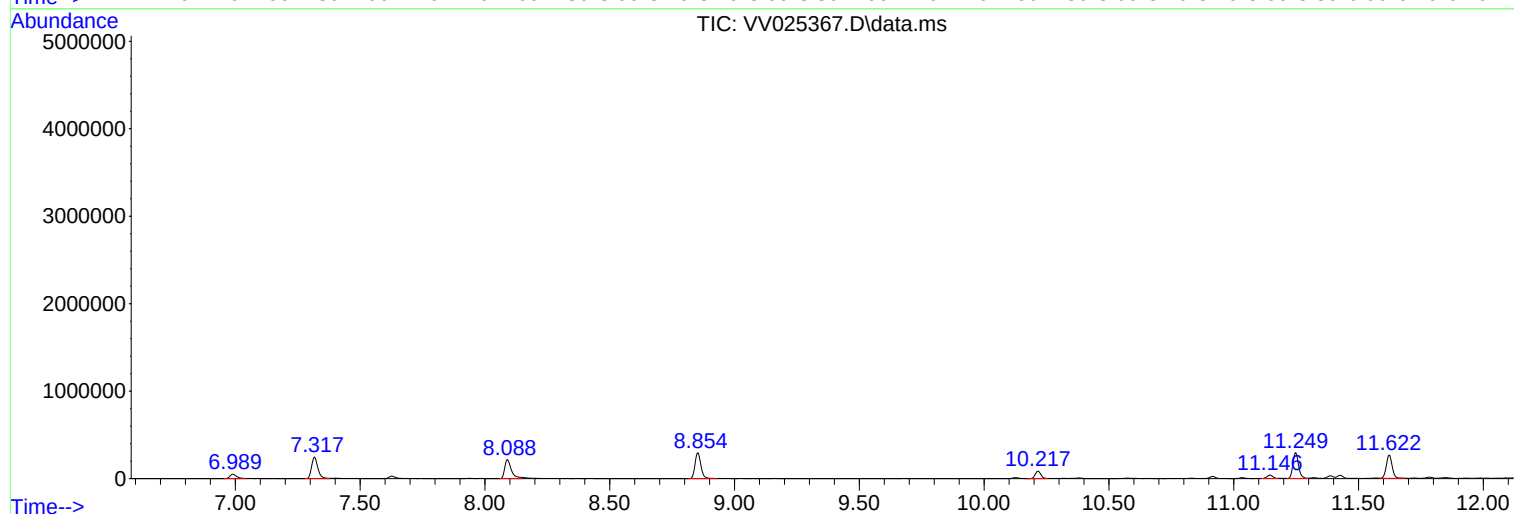
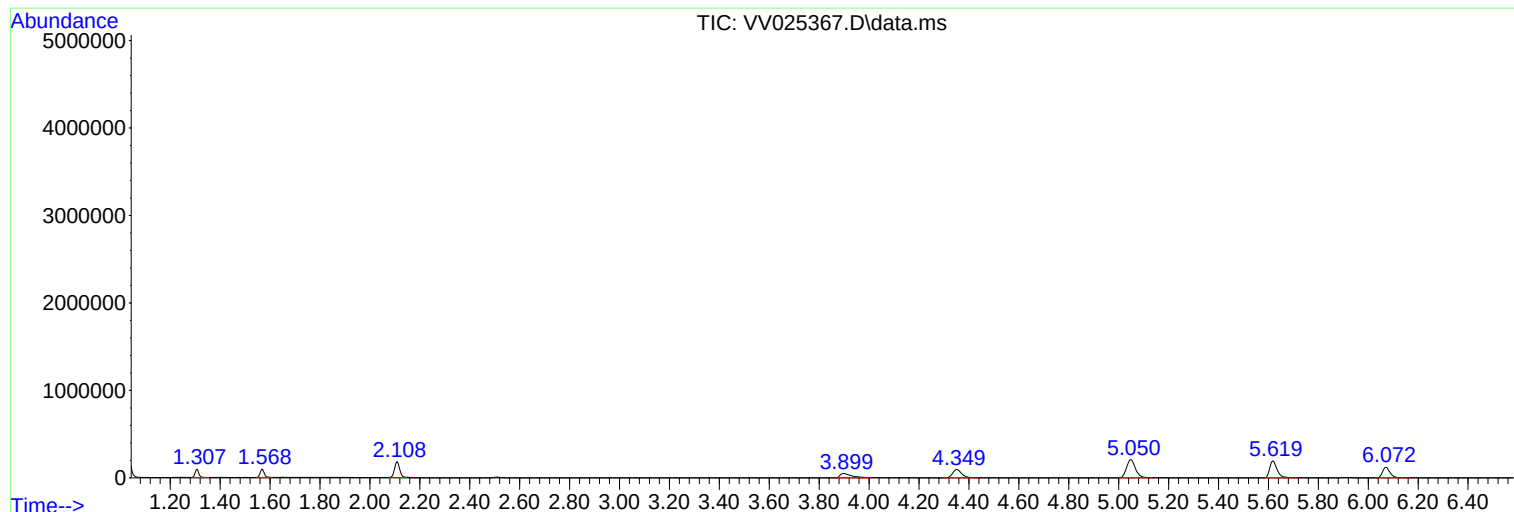
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Quant Title : TRACE VOA SFAM1.0

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



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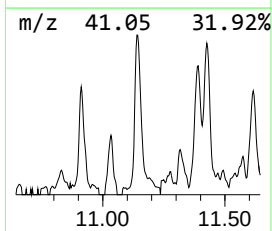
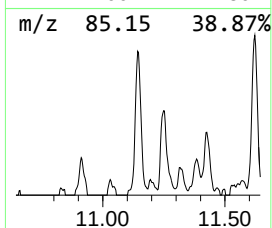
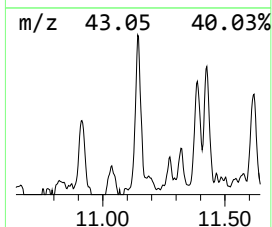
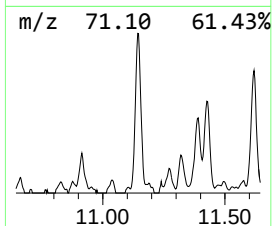
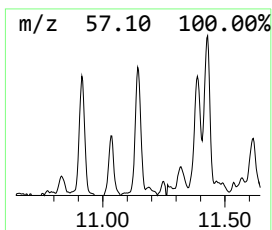
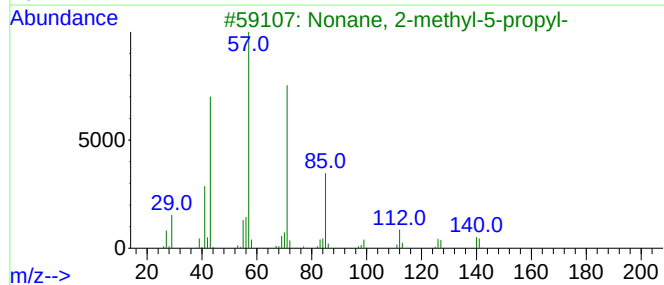
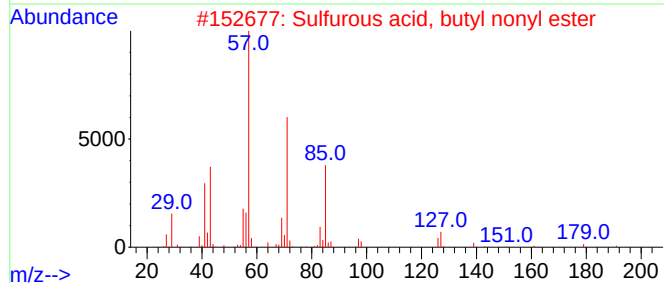
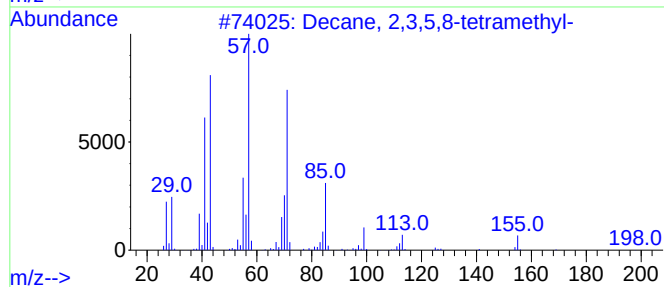
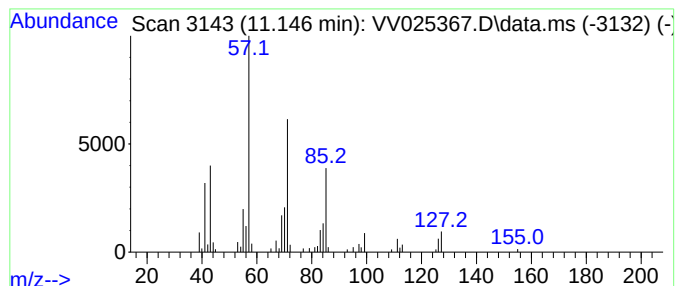
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	0.68 ug/L	63452	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
3			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53



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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

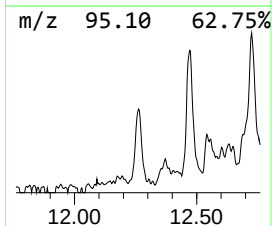
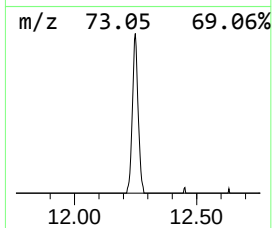
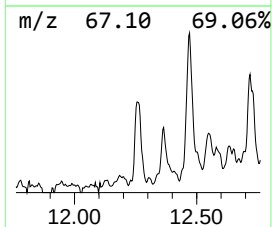
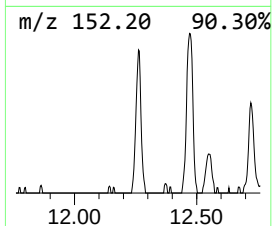
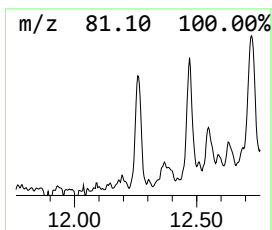
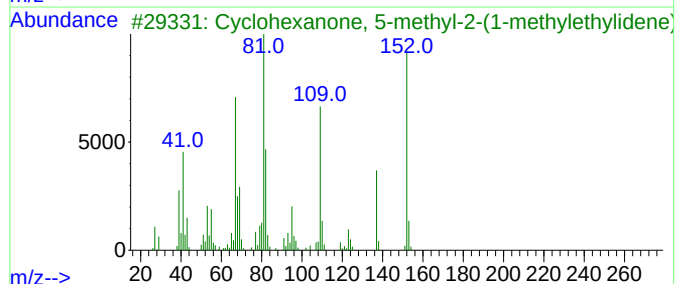
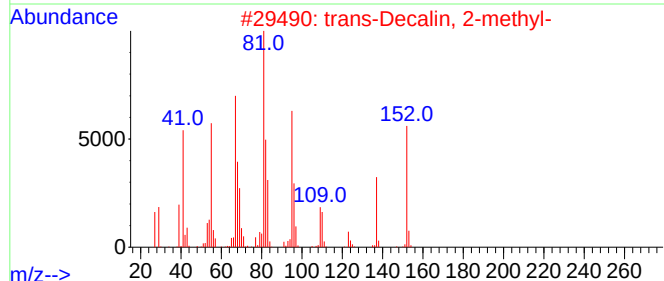
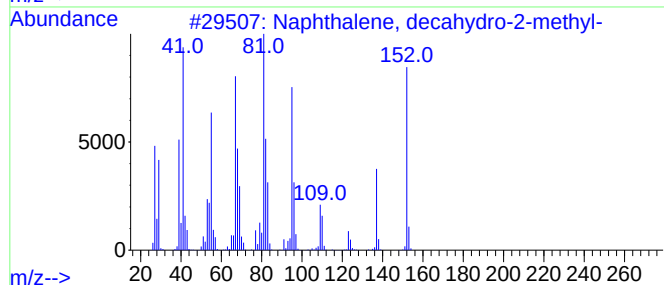
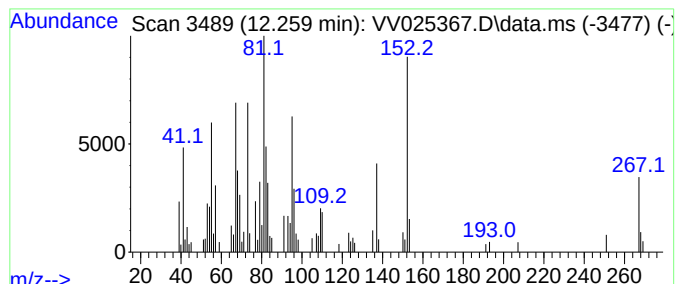
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.259	0.69 ug/L	64259	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	99
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	93
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
5			Pulegone	152	C10H16O	000089-82-7	76



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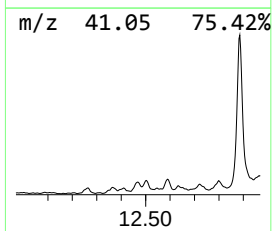
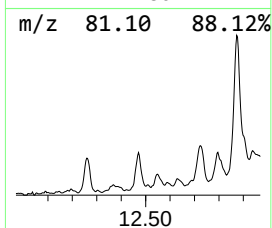
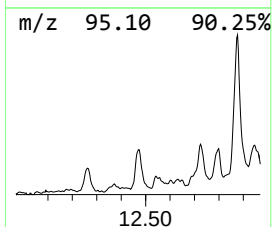
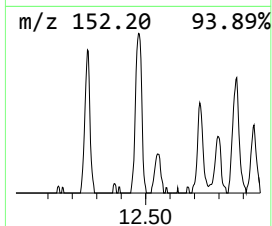
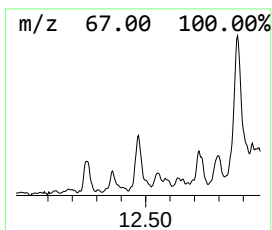
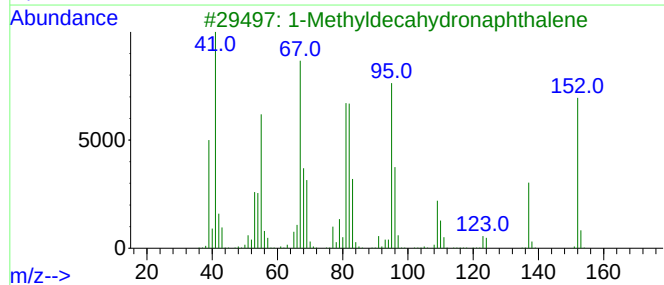
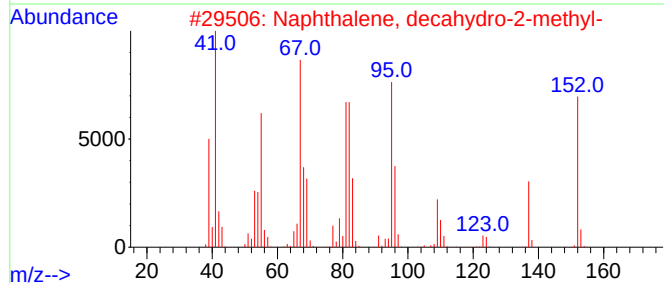
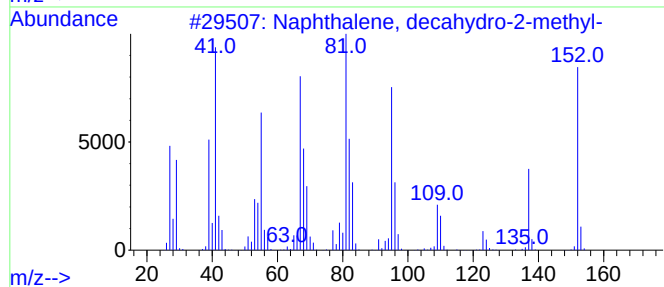
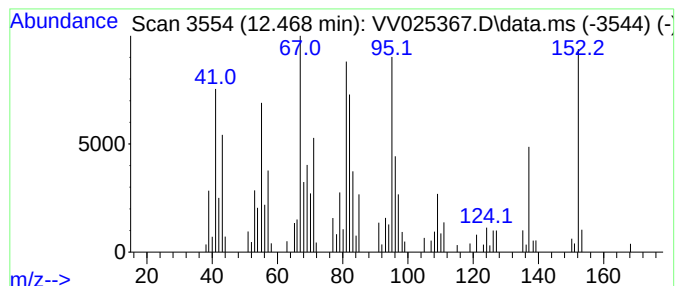
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 1-Methyldecahydronaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	0.91 ug/L	84458	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			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
4			Ethylidenecycloheptane	124	C9H16	010494-87-8	83
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76



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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK241

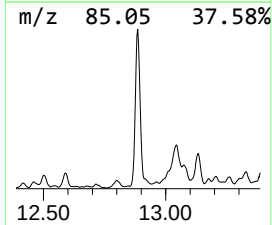
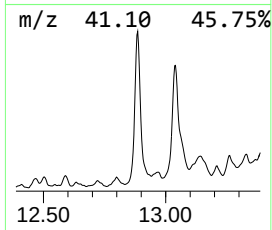
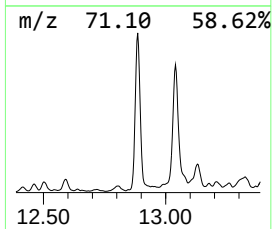
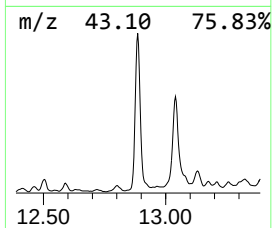
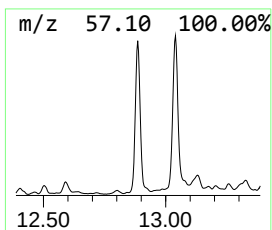
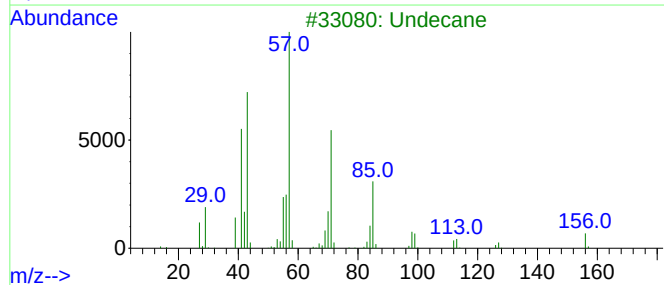
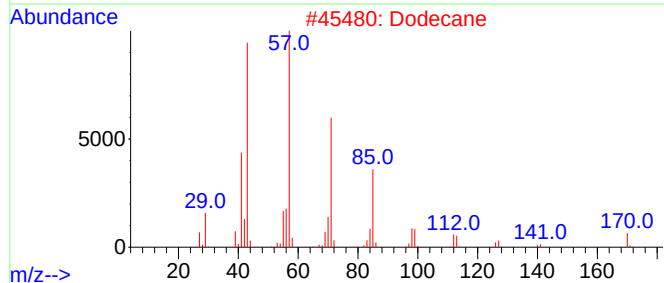
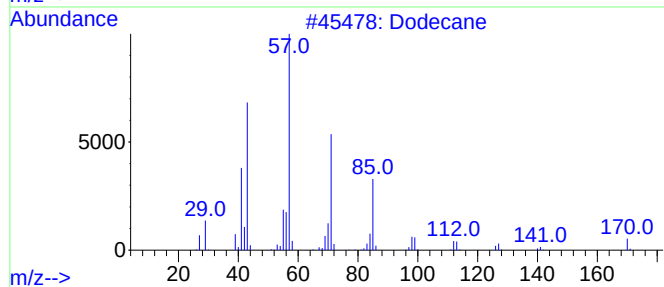
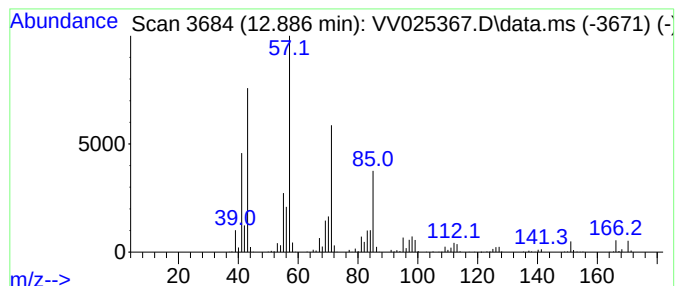
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	9.78 ug/L	911491	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			Undecane	156	C11H24	001120-21-4	80
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
5			Nonadecane	268	C19H40	000629-92-5	72



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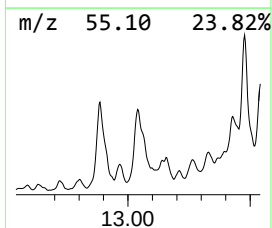
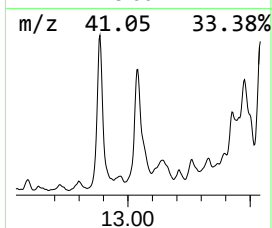
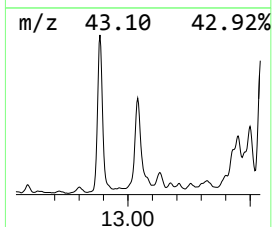
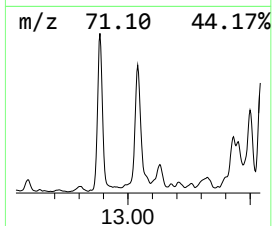
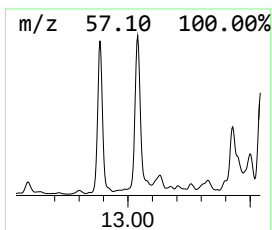
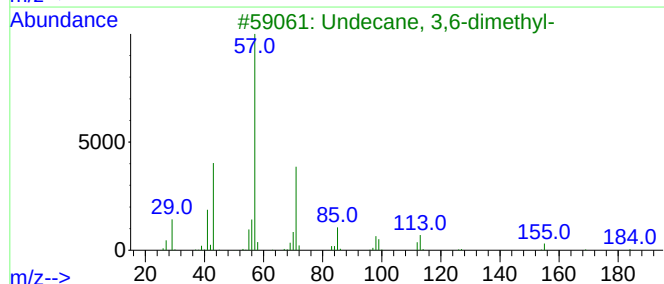
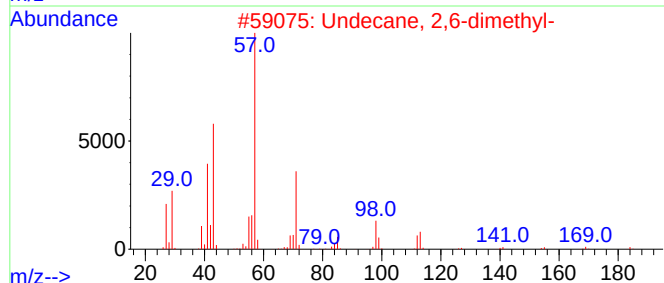
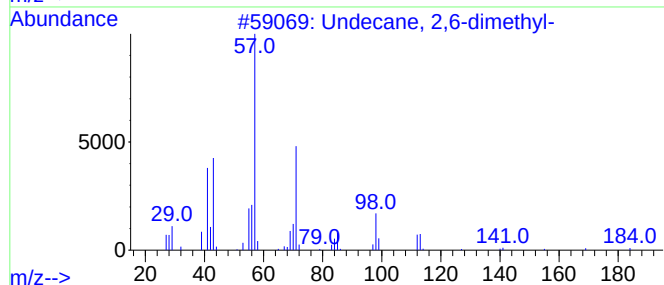
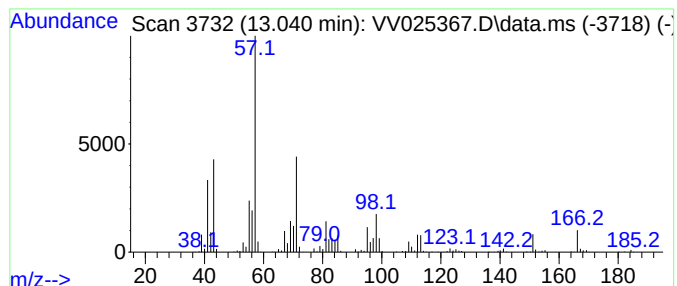
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.040	11.32 ug/L	1054830	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	81
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

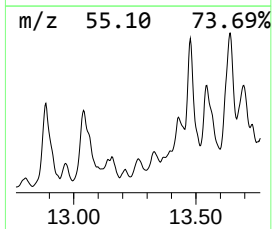
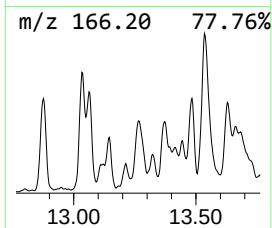
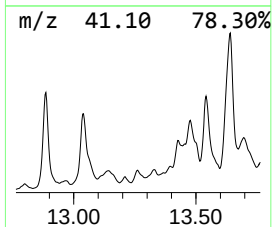
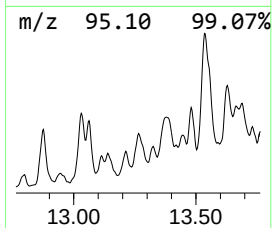
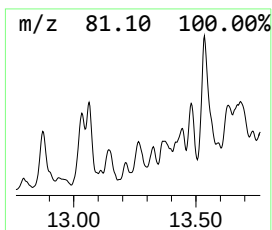
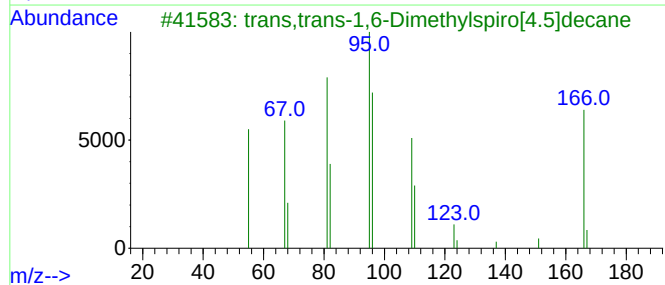
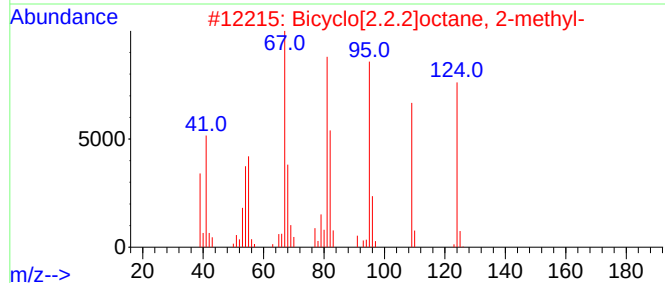
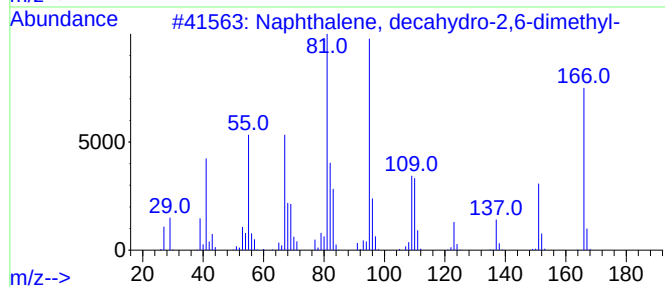
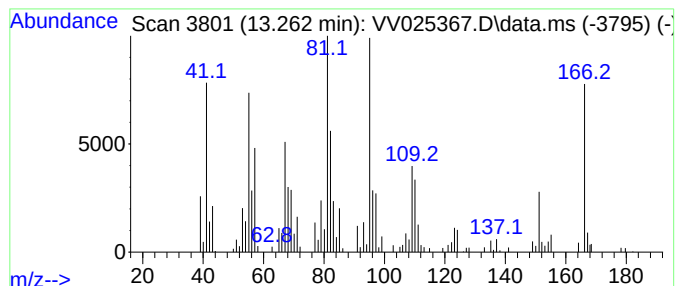
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Naphthalene, decahydro-2,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	1.32 ug/L	123468	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	93
2			Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	90
3			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	86
4			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	58
5			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

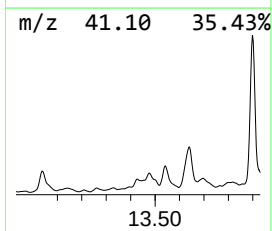
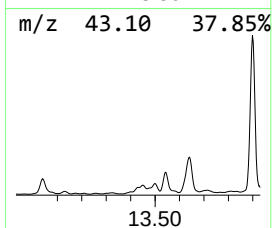
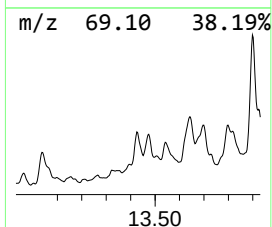
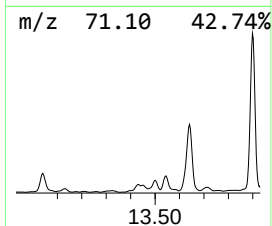
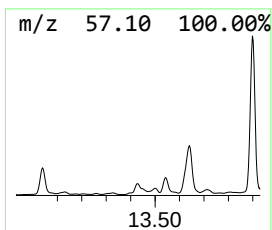
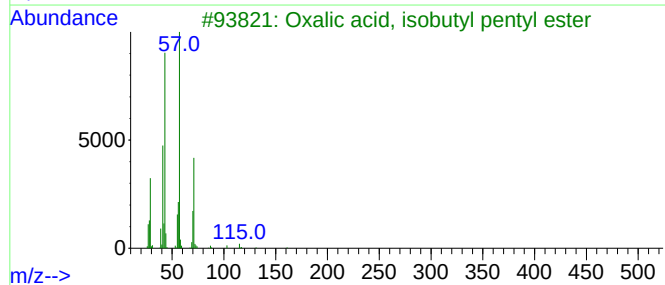
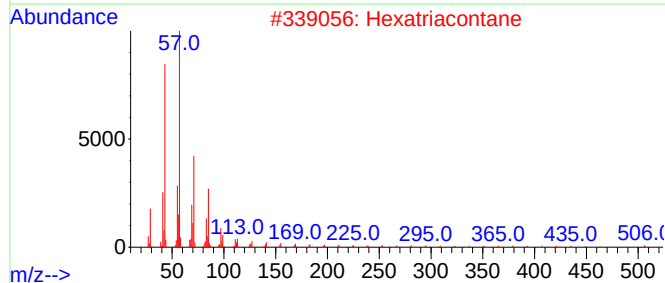
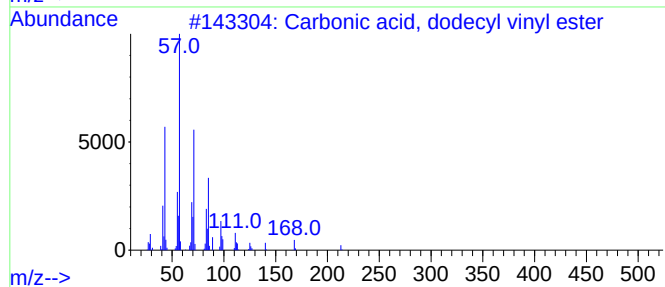
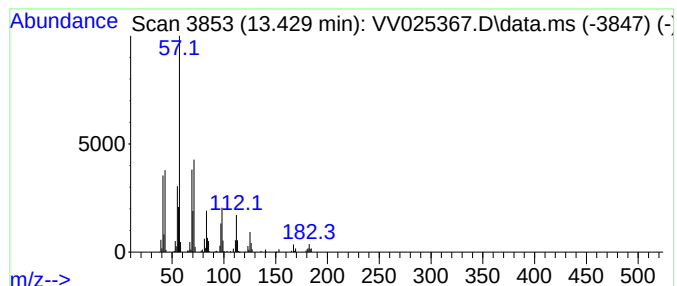
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Carbonic acid, dodecyl vinyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.429	2.21 ug/L	206231	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	50
2			Hexatriacontane	507	C36H74	000630-06-8	47
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	43
5			1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

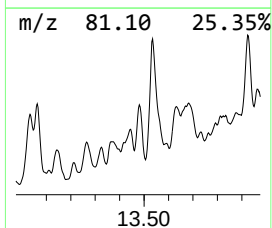
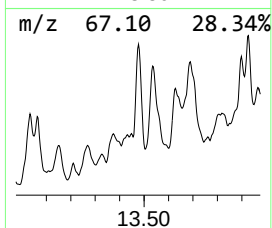
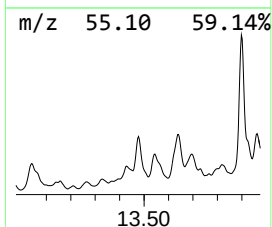
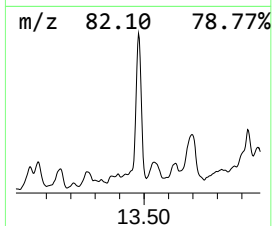
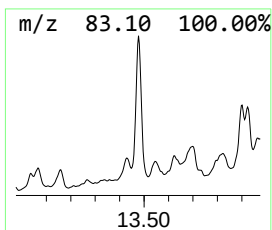
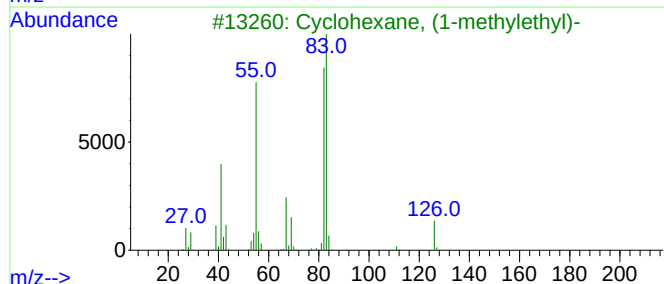
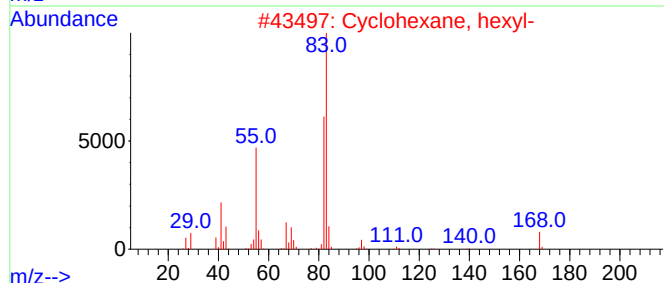
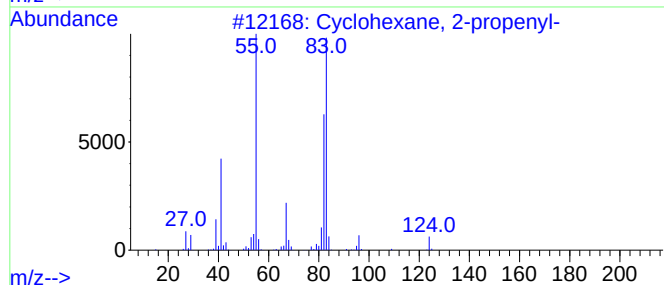
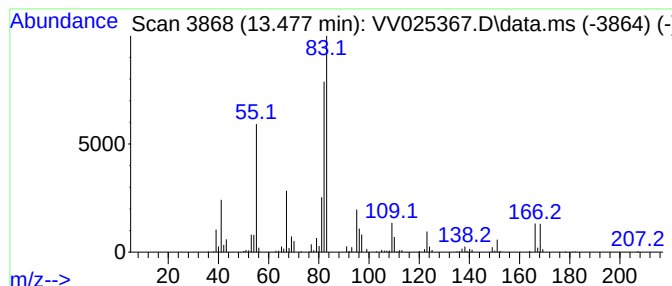
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Cyclohexane, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	4.55 ug/L	423774	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

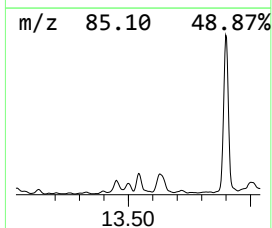
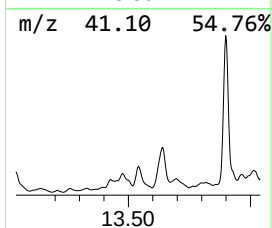
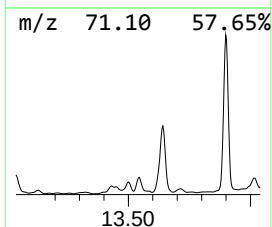
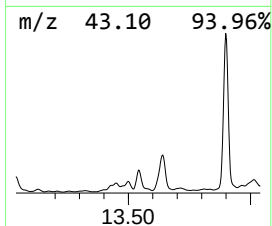
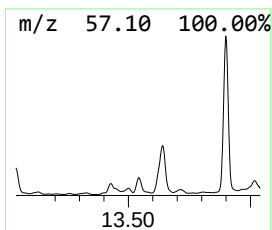
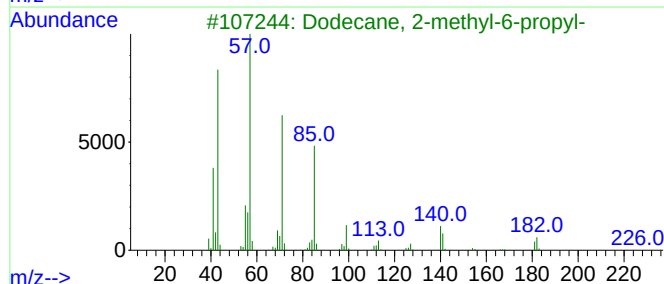
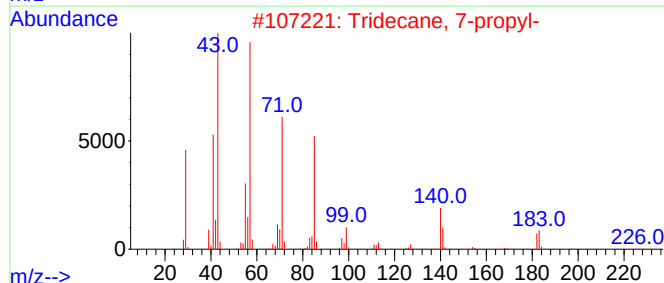
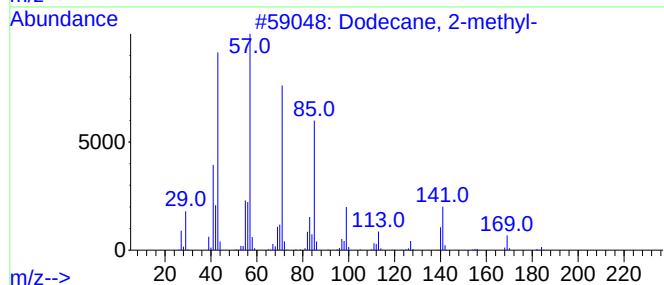
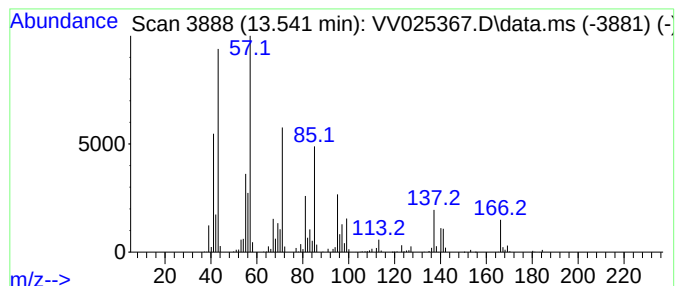
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	8.20 ug/L	763945	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			Tridecane, 7-propyl-	226	C16H34	055045-09-5	52
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
4			Decane, 3-bromo-	220	C10H21Br	030571-71-2	49
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

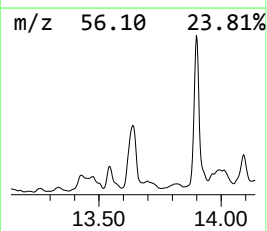
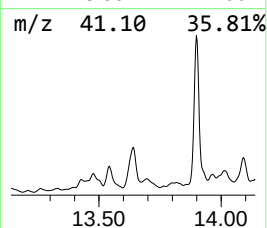
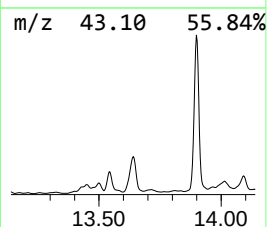
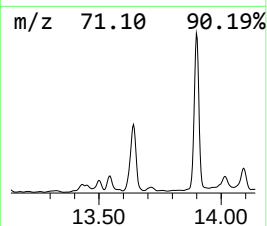
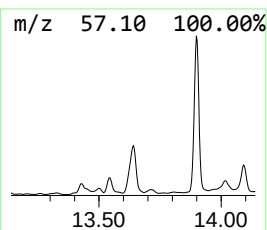
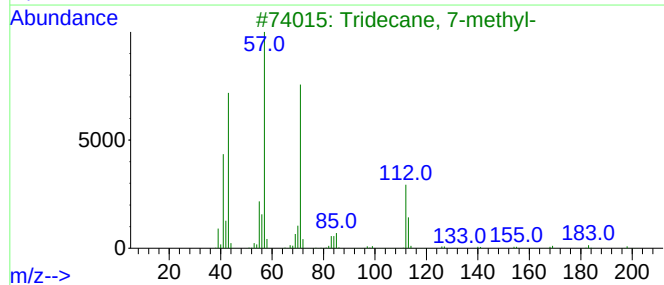
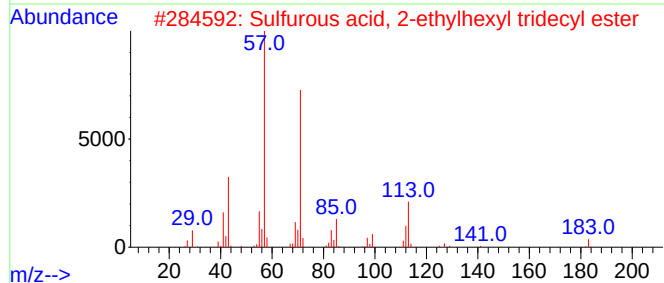
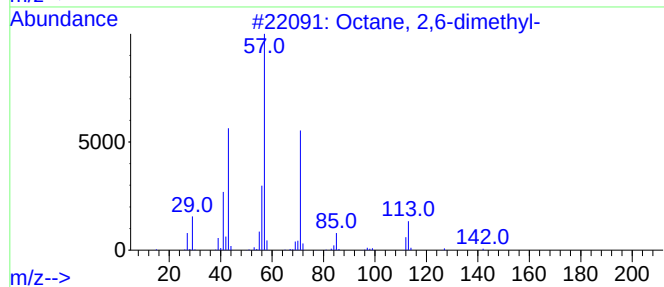
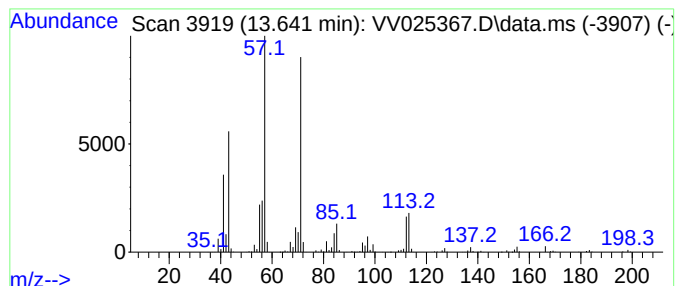
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	17.08 ug/L	1592120	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	86
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

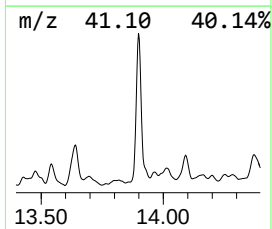
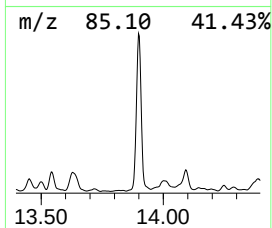
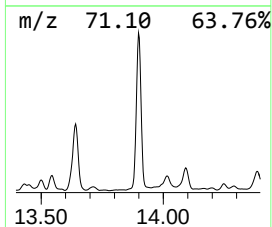
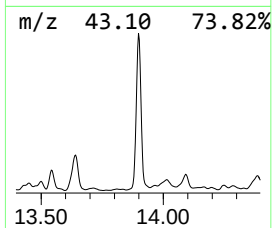
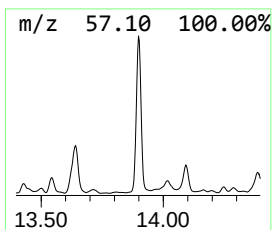
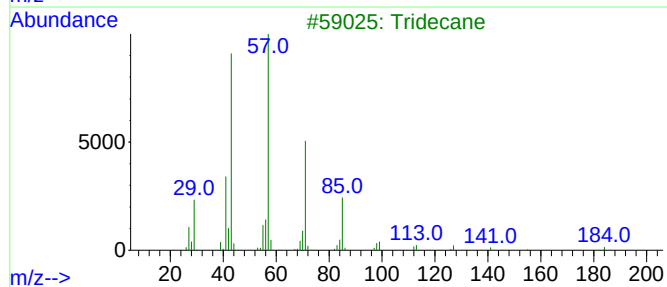
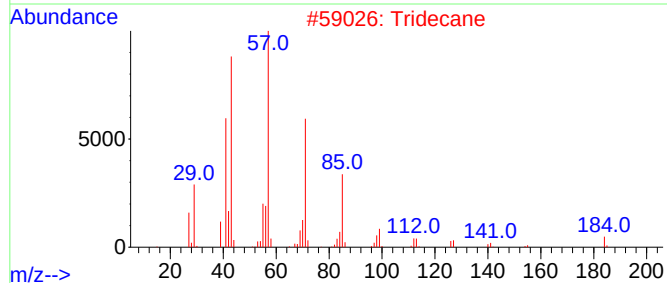
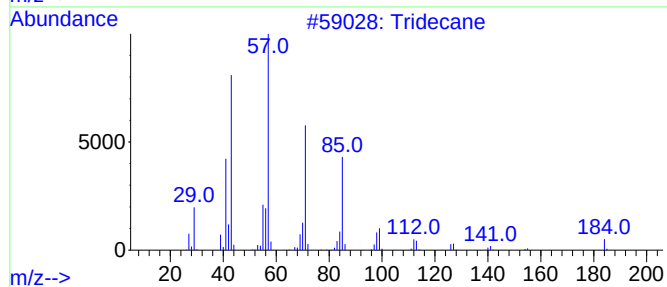
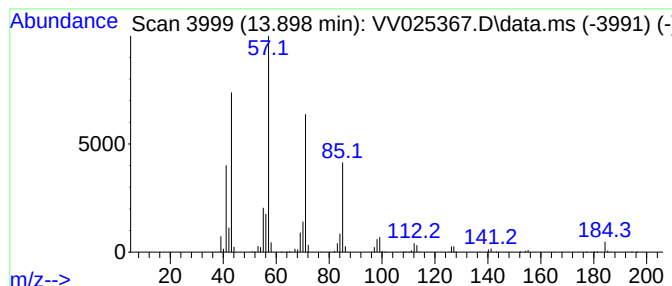
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	37.95 ug/L	3536800	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	87
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
5			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

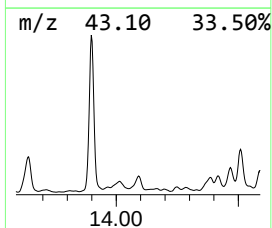
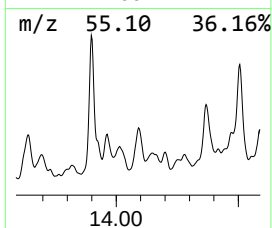
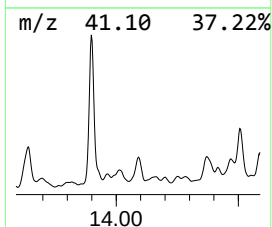
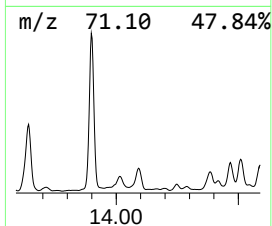
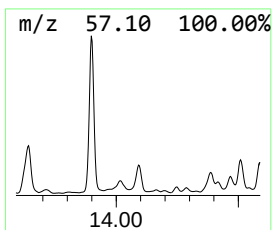
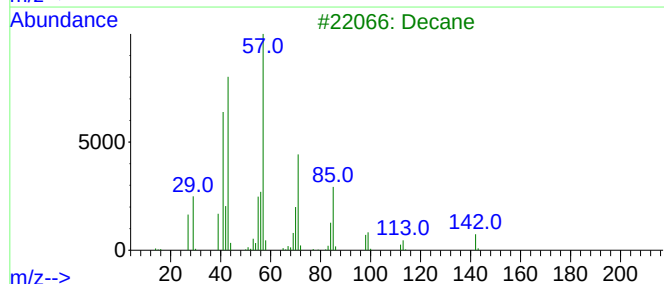
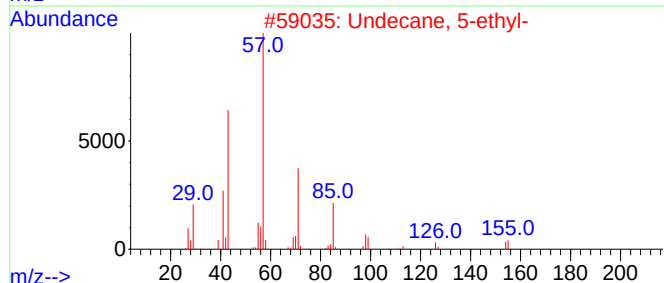
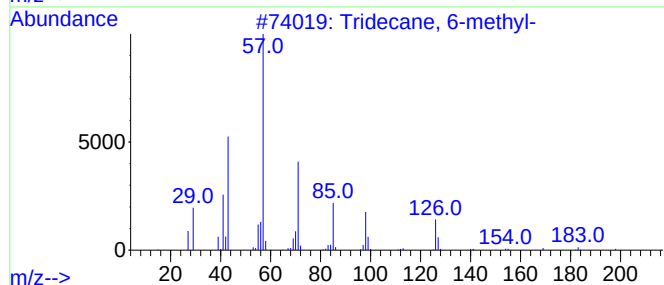
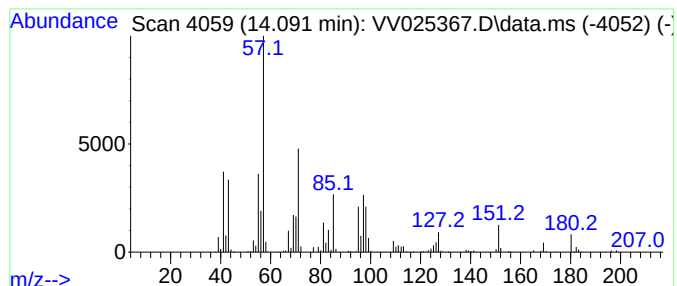
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	7.78 ug/L	724707	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2			Undecane, 5-ethyl-	184	C13H28	017453-94-0	43
3			Decane	142	C10H22	000124-18-5	43
4			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
5			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

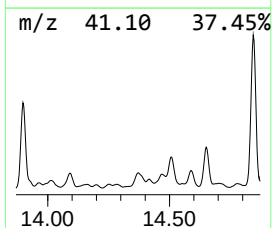
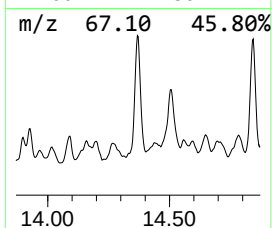
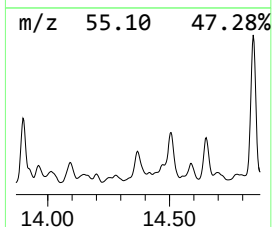
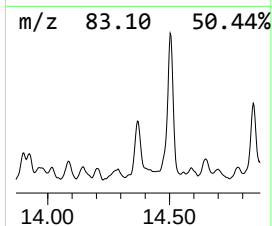
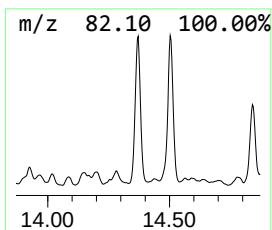
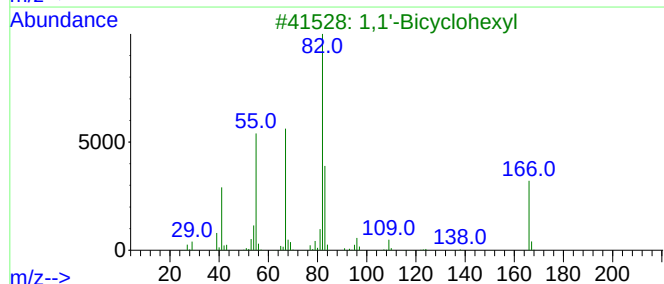
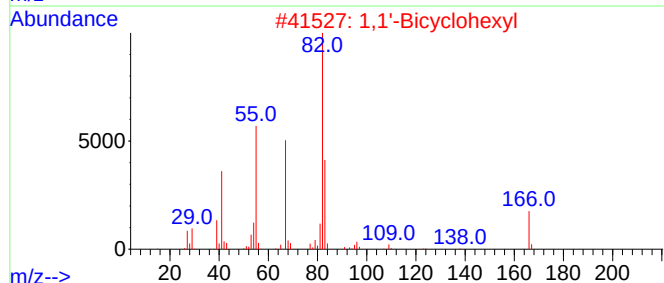
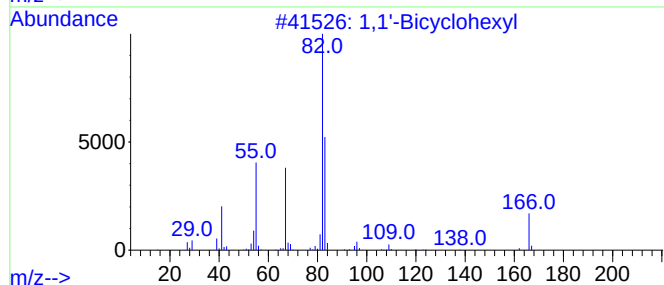
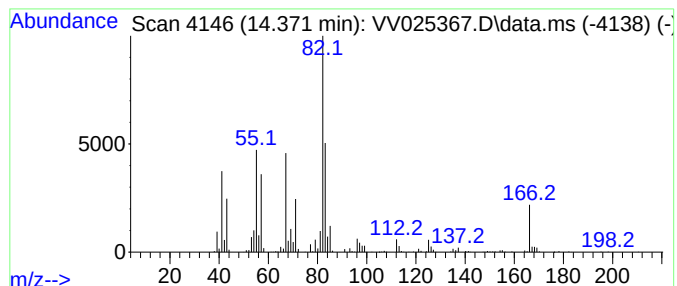
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 1,1'-Bicyclohexyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	10.46 ug/L	975081	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	81
2	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	74
3	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	74
4	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	72
5	Succinic acid, trans-hex-3-enyl ...			382	C23H42O4	1000353-43-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

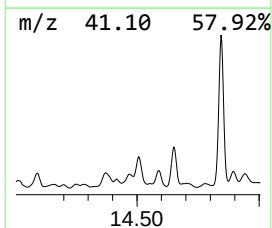
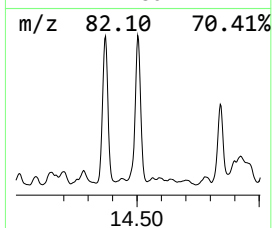
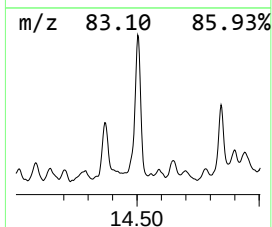
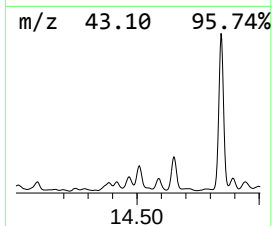
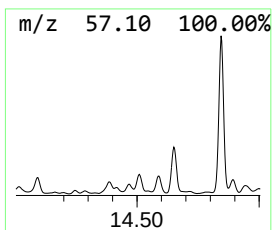
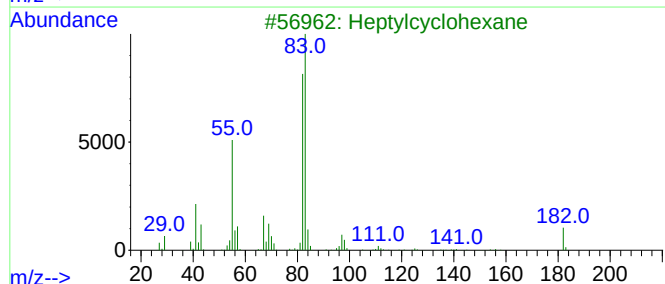
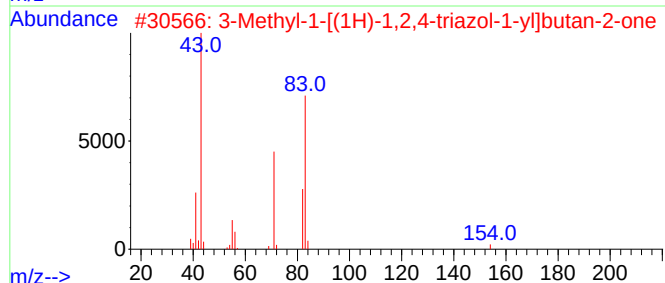
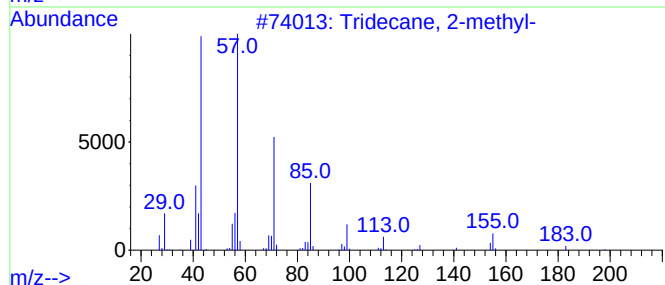
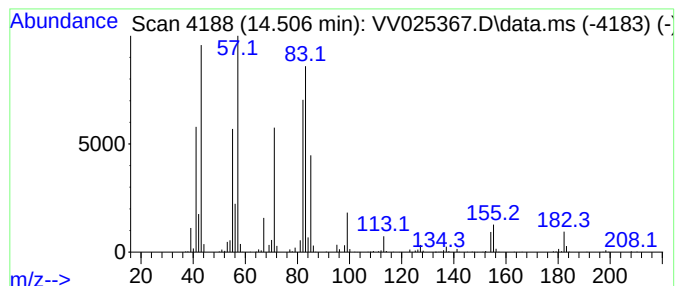
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.506	13.72 ug/L	1278270	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
2			3-Methyl-1-[(1H)-1,2,4-triazol-1-yl]butan-2-one	153	C7H11N3O	064922-02-7	43
3			Heptylcyclohexane	182	C13H26	005617-41-4	43
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
5			Tridecane, 2-methyl-	198	C14H30	001560-96-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

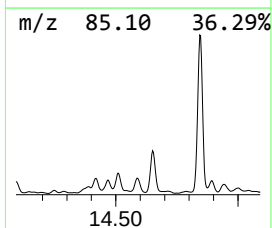
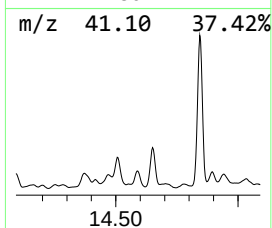
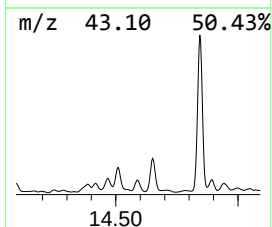
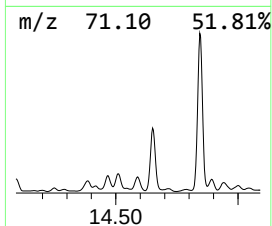
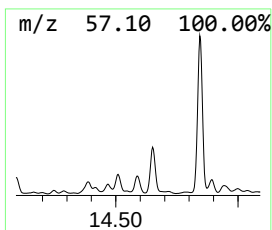
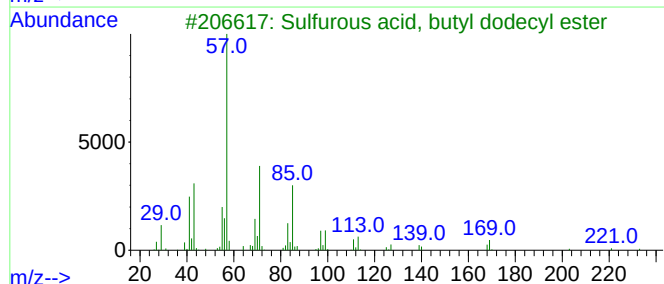
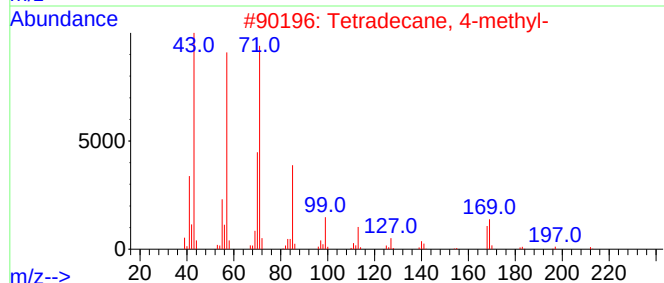
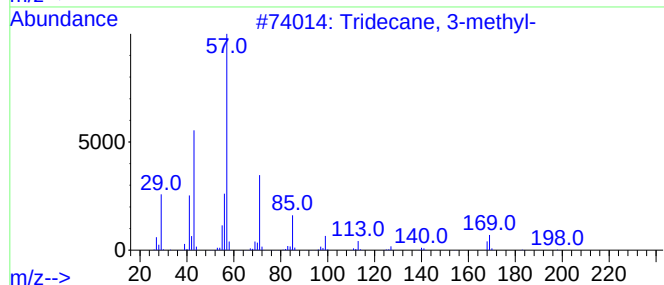
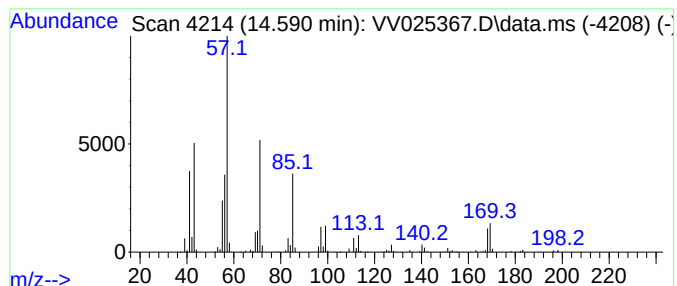
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.590	7.72 ug/L	719459	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

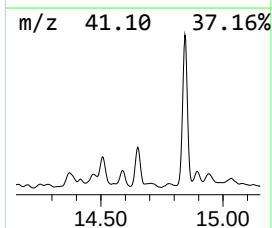
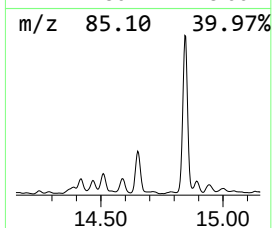
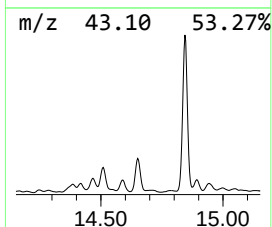
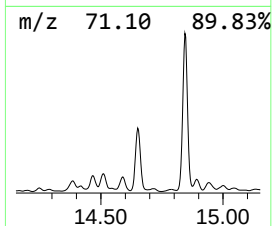
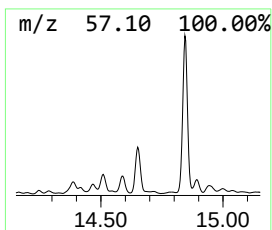
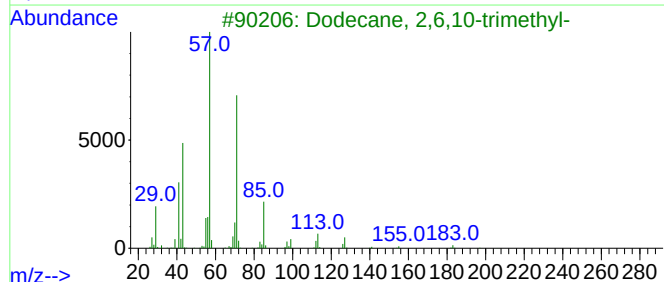
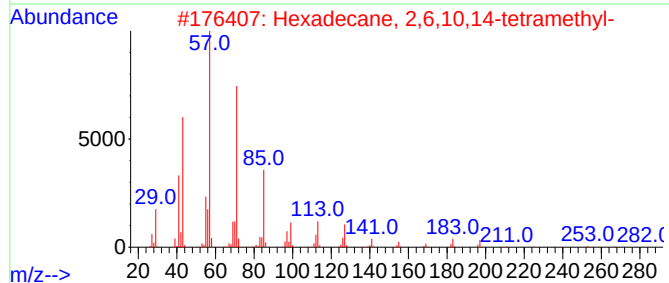
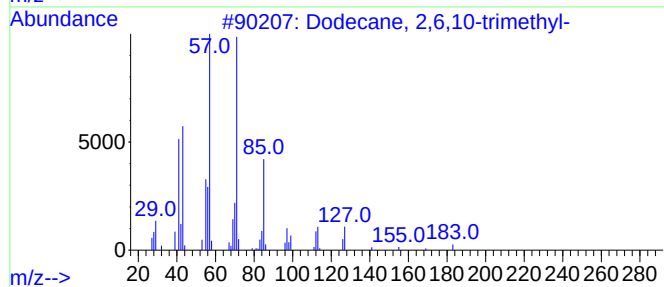
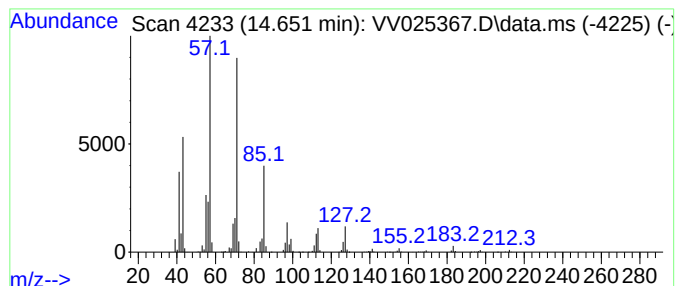
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	20.82 ug/L	1940040	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	91
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

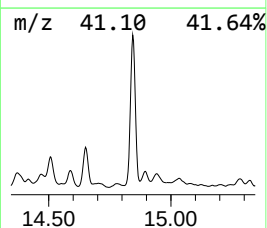
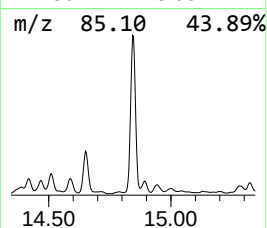
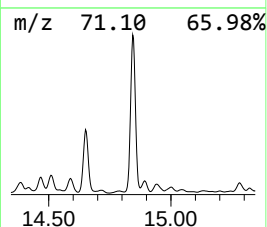
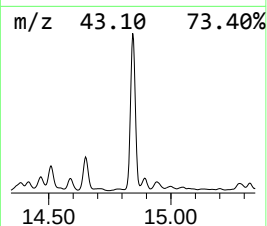
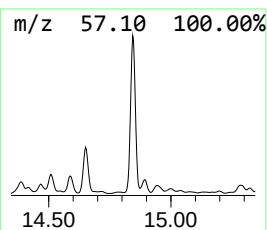
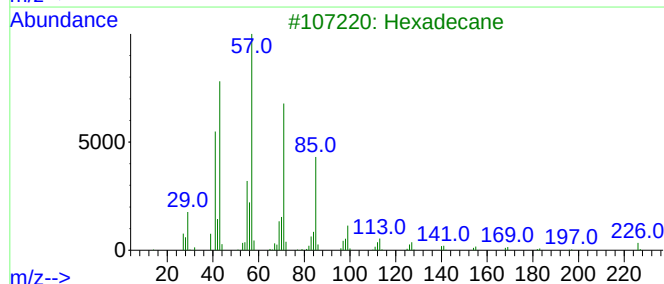
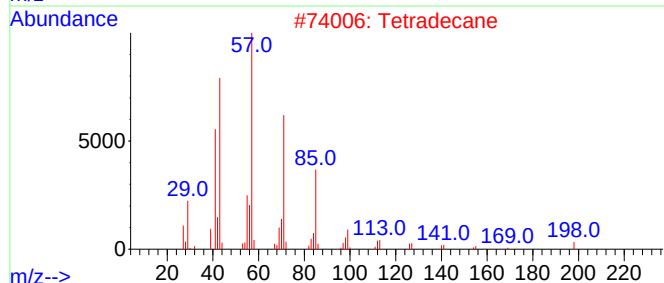
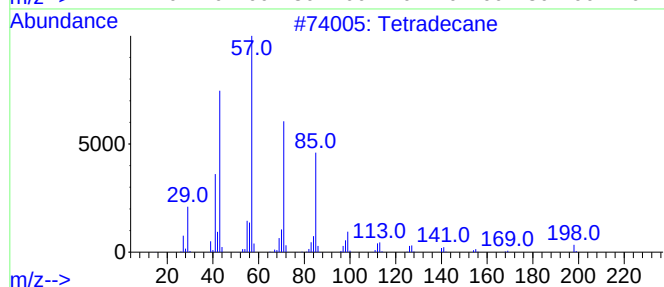
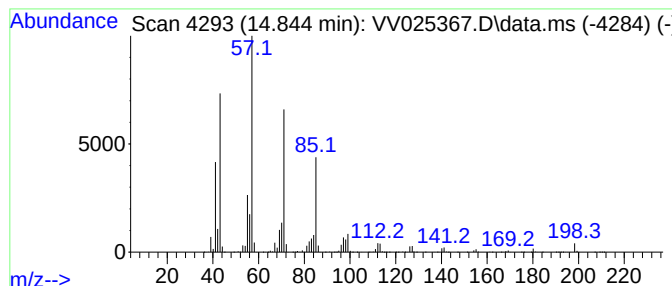
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	67.45 ug/L	6286310	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		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	83
5		9-methylheptadecane	254	C18H38	026741-18-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

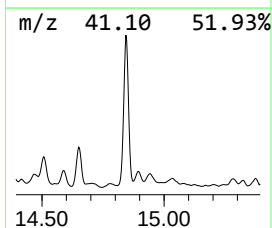
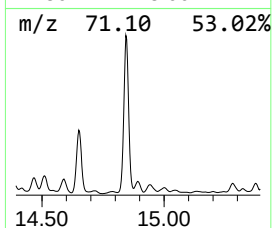
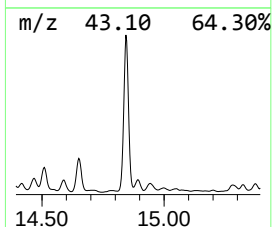
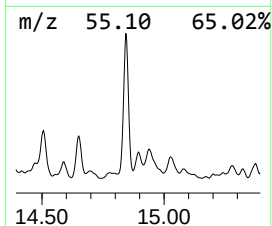
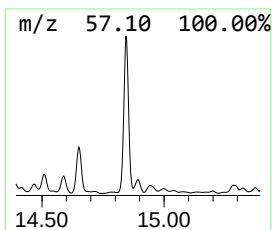
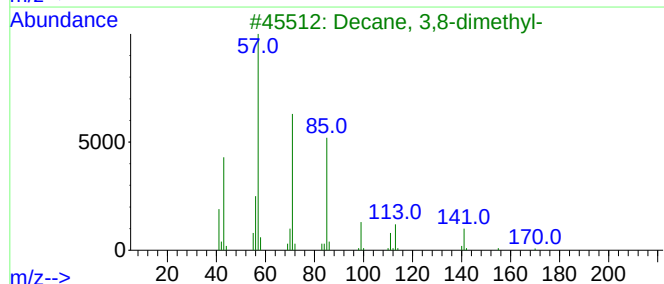
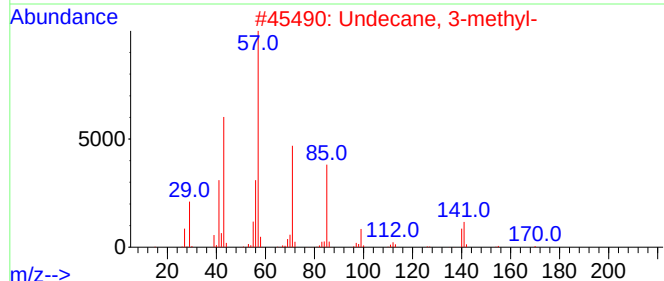
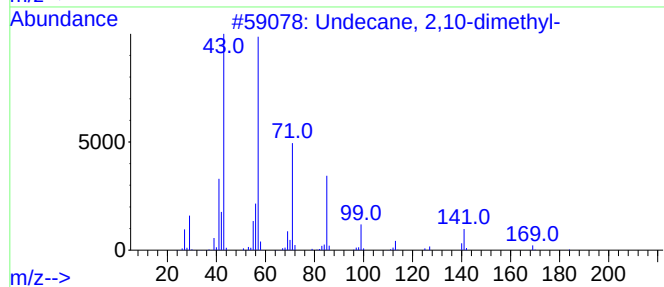
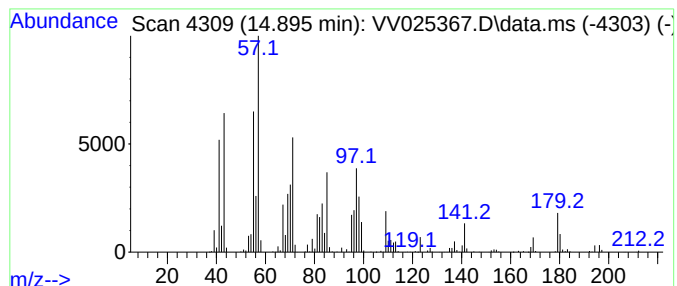
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.895	5.83 ug/L	543300	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	46
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	41
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4			Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	35
5			Pentadecane	212	C15H32	000629-62-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

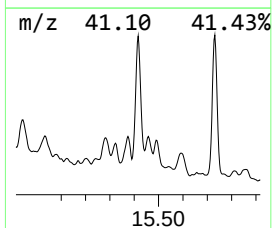
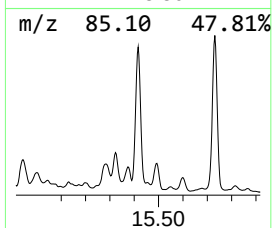
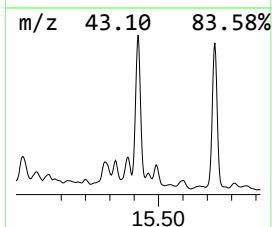
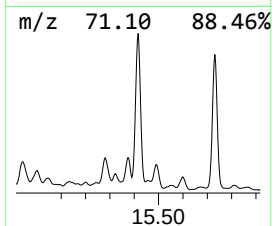
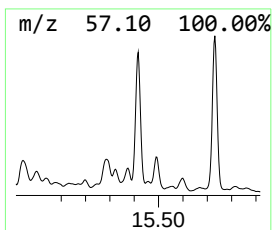
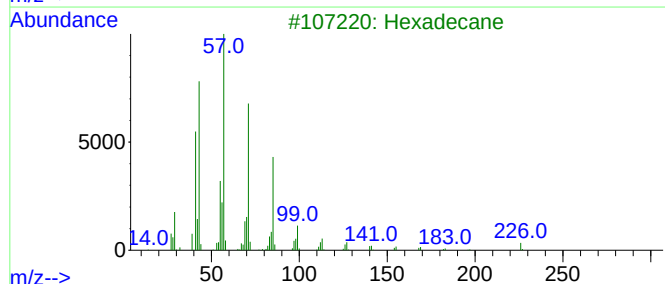
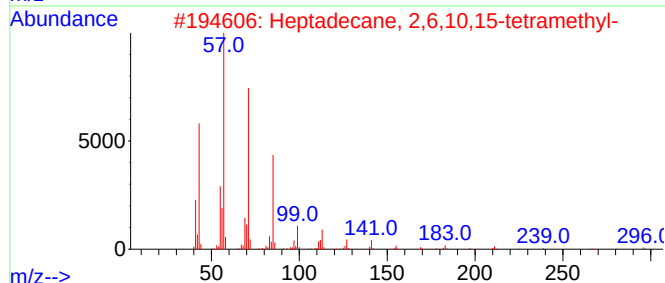
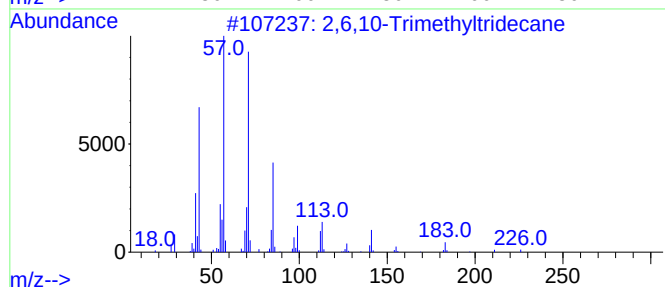
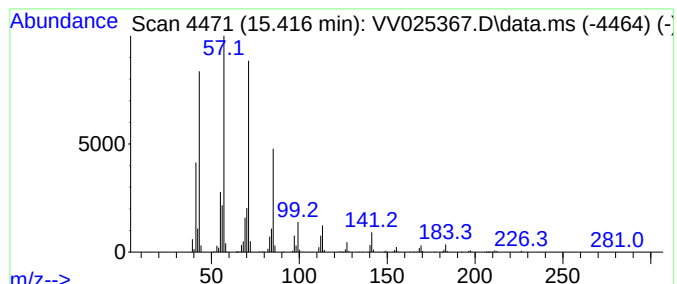
Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

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

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.416	17.52 ug/L	1633120	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	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5	Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
Data File : VV025367.D
Acq On : 06 Apr 2022 16:35
Operator : SY/MD
Sample : VIBLK241
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK241

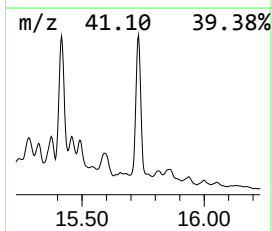
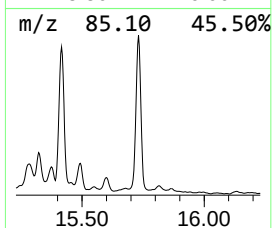
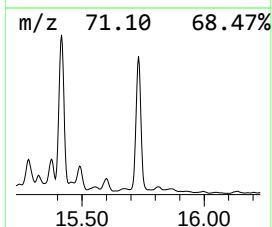
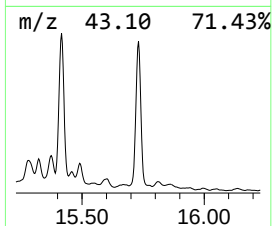
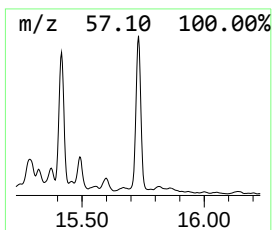
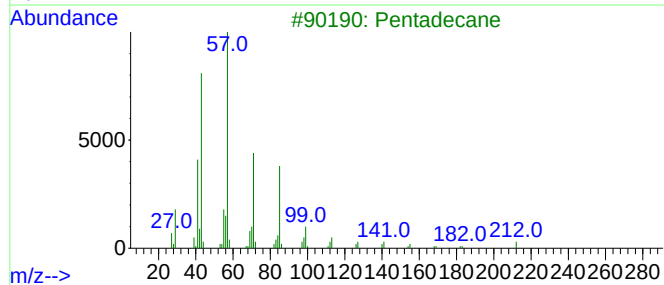
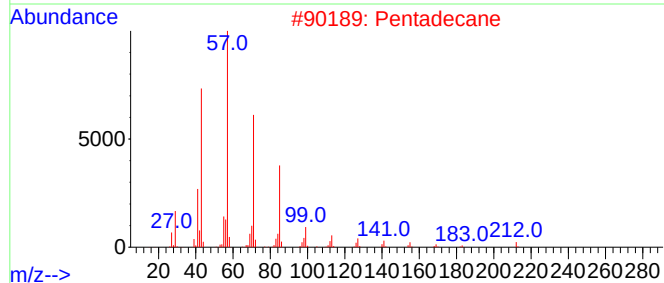
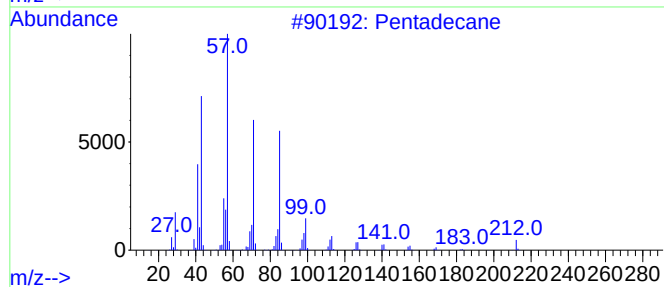
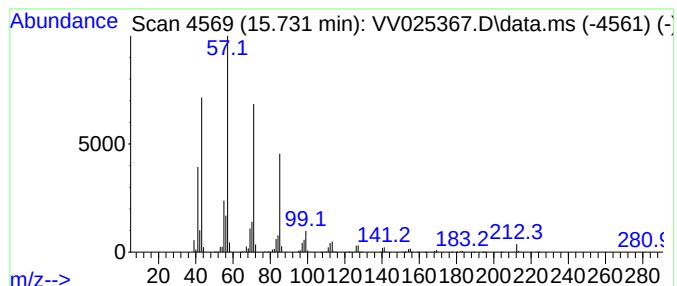
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	17.74 ug/L	1653360	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	97
2		Pentadecane	212	C15H32	000629-62-9	93
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025367.D
 Acq On : 06 Apr 2022 16:35
 Operator : SY/MD
 Sample : VIBLK241
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK241

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...	11.146	0.7	ug/L	63452	3	11.249	465998	5.0
Naphthalene, de...	12.259	0.7	ug/L	64259	3	11.249	465998	5.0
1-Methyldecahyd...	12.468	0.9	ug/L	84458	3	11.249	465998	5.0
(DEL) Alkane: S...	12.886	9.8	ug/L	911491	3	11.249	465998	5.0
(DEL) Alkane: S...	13.040	11.3	ug/L	1054830	3	11.249	465998	5.0
Naphthalene, de...	13.262	1.3	ug/L	123468	3	11.249	465998	5.0
Carbonic acid, ...	13.429	2.2	ug/L	206231	3	11.249	465998	5.0
Cyclohexane, 2-...	13.477	4.5	ug/L	423774	3	11.249	465998	5.0
(DEL) Alkane: S...	13.541	8.2	ug/L	763945	3	11.249	465998	5.0
(DEL) Alkane: S...	13.641	17.1	ug/L	1592120	3	11.249	465998	5.0
(DEL) Alkane: S...	13.898	38.0	ug/L	3536800	3	11.249	465998	5.0
(DEL) Alkane: S...	14.091	7.8	ug/L	724707	3	11.249	465998	5.0
1,1'-Bicyclohexyl	14.371	10.5	ug/L	975081	3	11.249	465998	5.0
(DEL) Alkane: S...	14.506	13.7	ug/L	1278270	3	11.249	465998	5.0
(DEL) Alkane: S...	14.590	7.7	ug/L	719459	3	11.249	465998	5.0
(DEL) Alkane: S...	14.651	20.8	ug/L	1940040	3	11.249	465998	5.0
(DEL) Alkane: S...	14.844	67.5	ug/L	6286310	3	11.249	465998	5.0
(DEL) Alkane: S...	14.895	5.8	ug/L	543300	3	11.249	465998	5.0
(DEL) Alkane: S...	15.416	17.5	ug/L	1633120	3	11.249	465998	5.0
(DEL) Alkane: S...	15.731	17.7	ug/L	1653360	3	11.249	465998	5.0