

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
 Data File : VV024753.D
 Acq On : 18 Feb 2022 15:06
 Operator : SY/MD
 Sample : VIBLK257
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK256

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\SFAMVTR021722WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV024753.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	75	83	93	rVB	84214	83972	4.32%	0.731%
2	1.567	156	164	173	rBV	71254	79670	4.09%	0.693%
3	2.111	321	333	356	rVB	137879	203358	10.45%	1.770%
4	3.886	874	885	922	rBV	60071	172279	8.85%	1.500%
5	4.352	1013	1030	1057	rBV	95101	239660	12.32%	2.086%
6	5.050	1230	1247	1278	rBV2	224554	552151	28.38%	4.806%
7	5.619	1412	1424	1448	rBV	160282	325596	16.74%	2.834%
8	6.069	1552	1564	1592	rBV2	124471	255855	13.15%	2.227%
9	6.988	1836	1850	1874	rBV	57013	105602	5.43%	0.919%
10	7.316	1940	1952	1971	rBV	265589	469063	24.11%	4.083%
11	7.625	2036	2048	2067	rBV	29765	54917	2.82%	0.478%
12	8.088	2180	2192	2232	rBV	240305	459429	23.61%	3.999%
13	8.850	2418	2429	2454	rBV	250633	412793	21.22%	3.593%
14	10.217	2843	2854	2866	rBV	74896	117476	6.04%	1.023%
15	11.249	3164	3175	3193	rBV	279652	426507	21.92%	3.712%
16	11.622	3279	3291	3314	rBV	234638	374123	19.23%	3.256%
17	12.885	3670	3684	3700	rBV3	47977	95226	4.89%	0.829%
18	13.036	3719	3731	3749	rBV4	41614	102457	5.27%	0.892%
19	13.480	3864	3869	3880	rVB5	28815	47045	2.42%	0.409%
20	13.541	3881	3888	3906	rVB3	48148	88591	4.55%	0.771%
21	13.641	3907	3919	3929	rBV3	92805	187843	9.65%	1.635%
22	13.898	3990	3999	4014	rBV	368104	544685	28.00%	4.741%
23	14.091	4051	4059	4068	rVB5	69020	102065	5.25%	0.888%
24	14.380	4139	4149	4155	rBV6	66952	144490	7.43%	1.258%
25	14.470	4171	4177	4182	rBV4	56010	84058	4.32%	0.732%
26	14.509	4183	4189	4199	rVB2	174048	252930	13.00%	2.202%
27	14.589	4207	4214	4223	rVB	110527	165314	8.50%	1.439%
28	14.651	4225	4233	4242	rBV	337446	477688	24.55%	4.158%
29	14.843	4284	4293	4302	rBV	1438161	1945591	100.00%	16.935%
30	14.892	4303	4308	4316	rVV4	127470	181677	9.34%	1.581%
31	14.940	4318	4323	4334	rVB3	99850	171030	8.79%	1.489%
32	15.281	4423	4429	4437	rBV5	97700	158614	8.15%	1.381%
33	15.374	4453	4458	4463	rVB3	93102	102469	5.27%	0.892%
34	15.416	4463	4471	4479	rBV2	649008	877282	45.09%	7.636%
35	15.731	4560	4569	4580	rBV	1041639	1398778	71.89%	12.175%
36	16.567	4824	4829	4843	rVB2	20056	28628	1.47%	0.249%

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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\SFAMVTR021722WMA.M
Title : TRACE VOA SFAM1.0

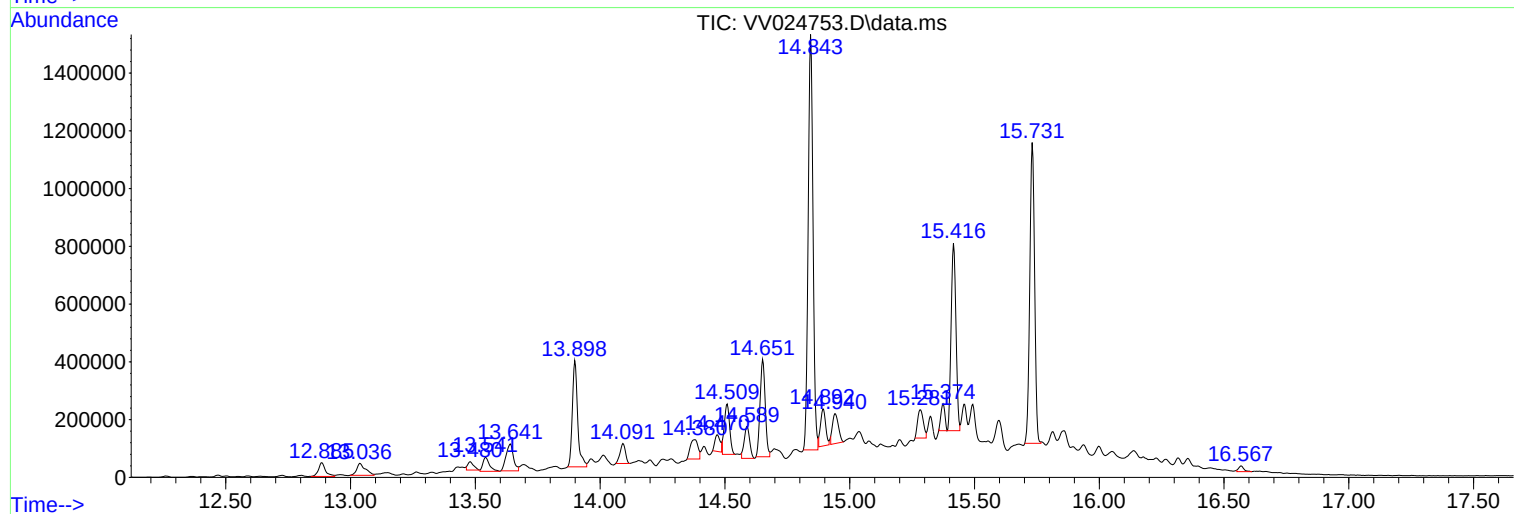
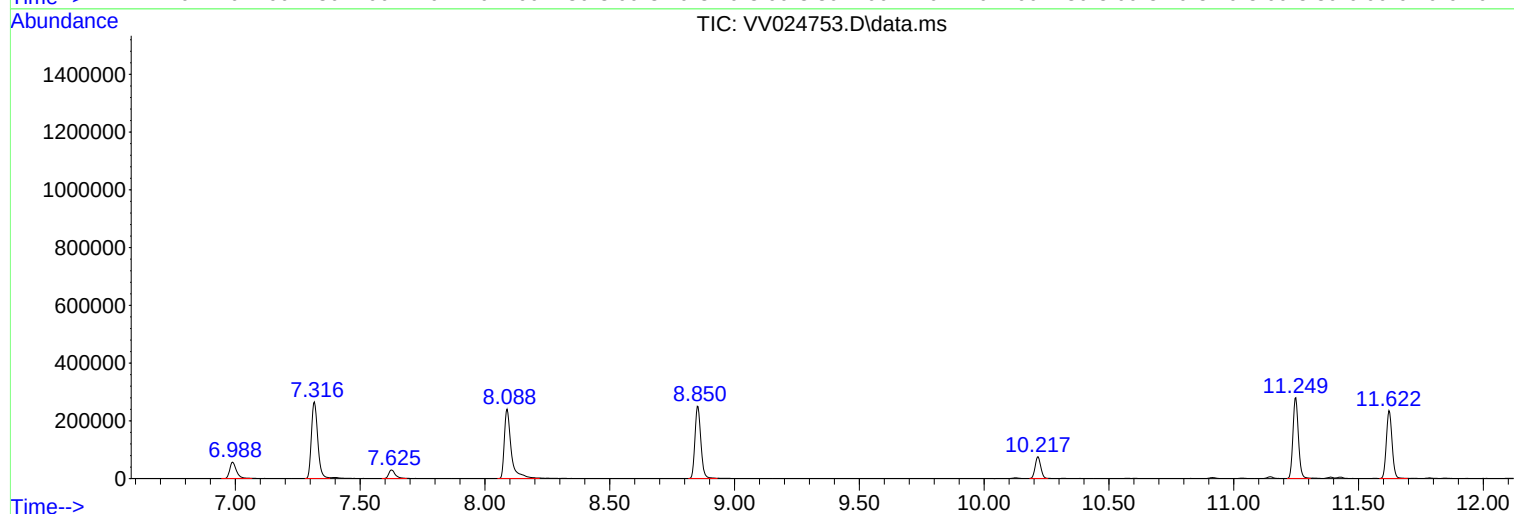
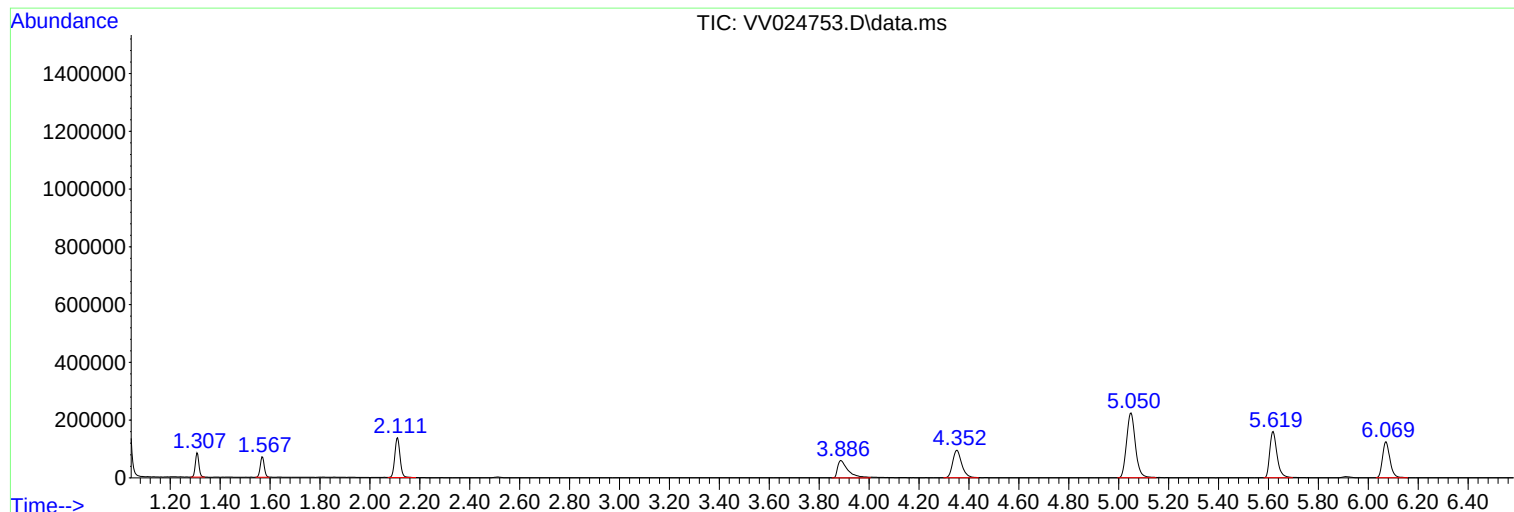
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
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ClientSampleId :
VIBLK256

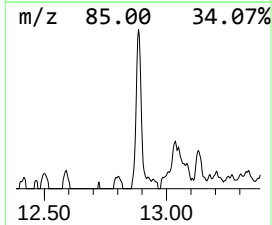
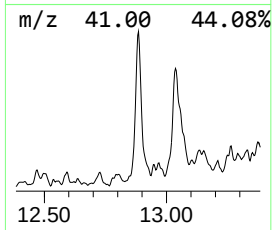
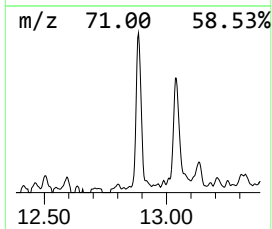
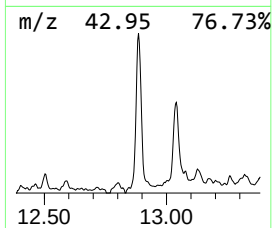
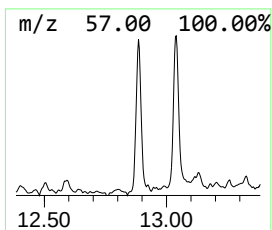
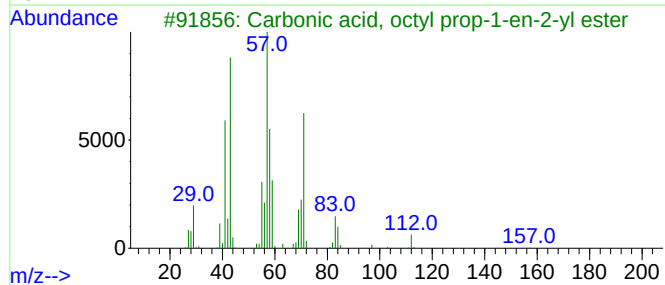
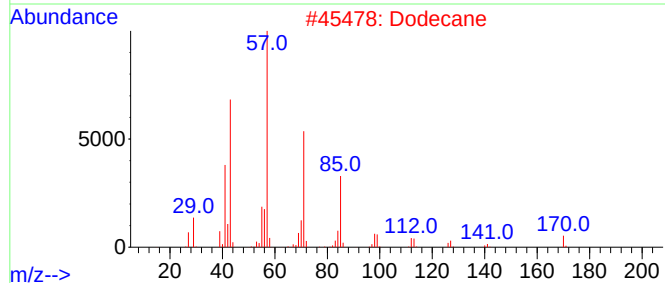
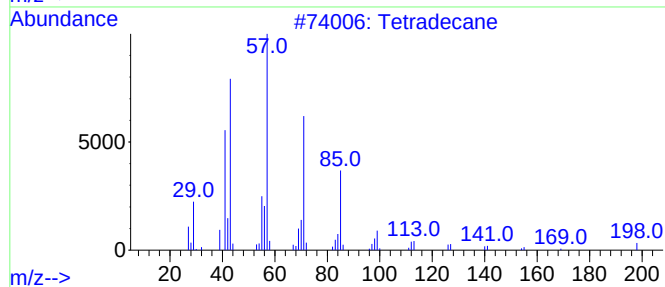
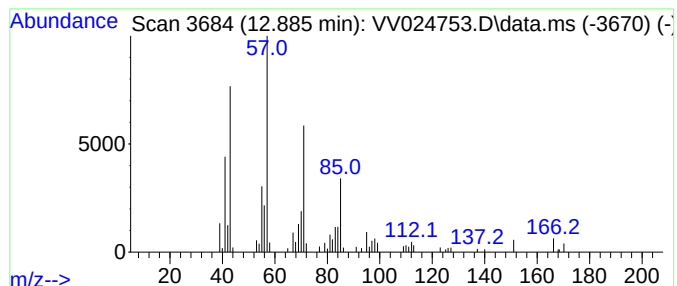
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.885	1.12 ug/L	95226	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	72
2			Dodecane	170	C12H26	000112-40-3	68
3			Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	58
4			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	52
5			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	49



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

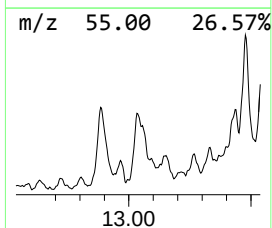
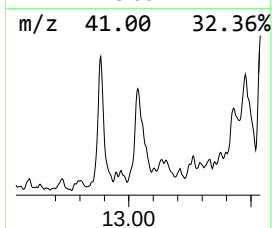
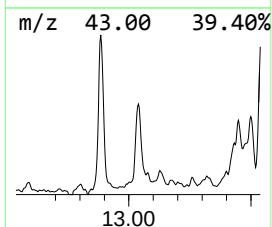
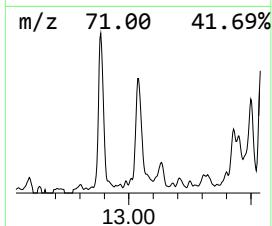
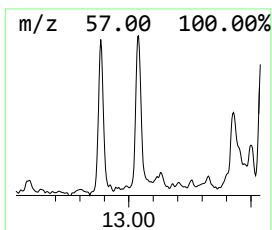
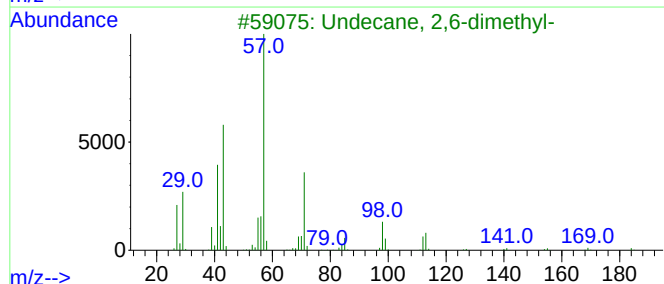
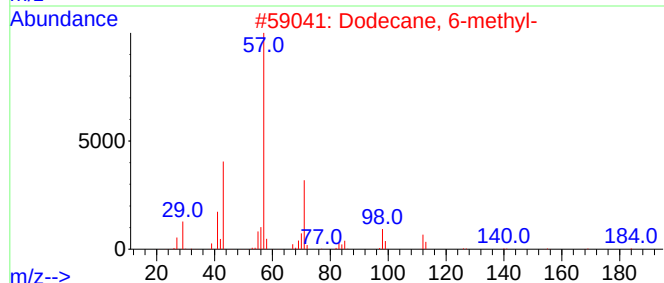
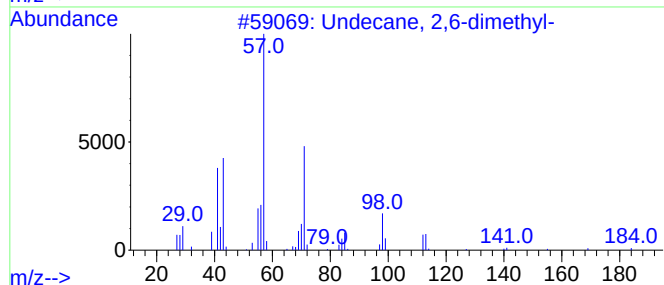
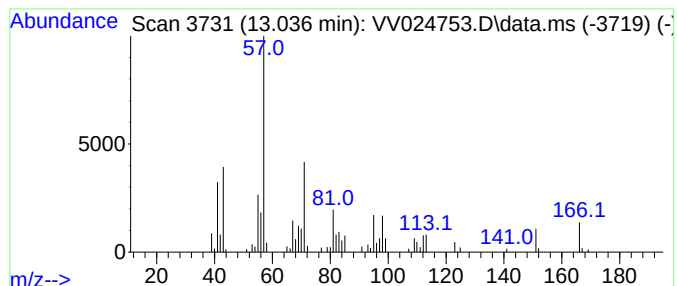
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.037	1.20 ug/L	102457	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	52
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

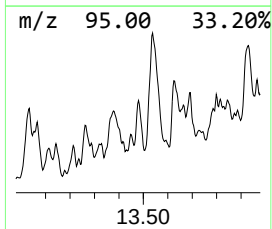
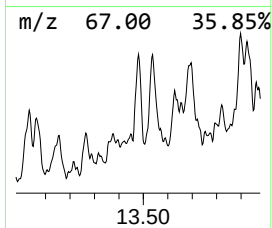
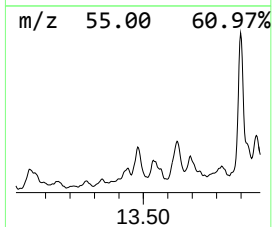
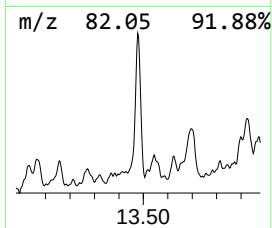
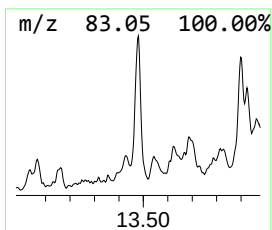
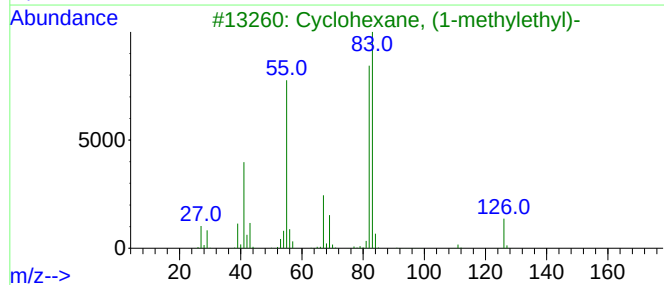
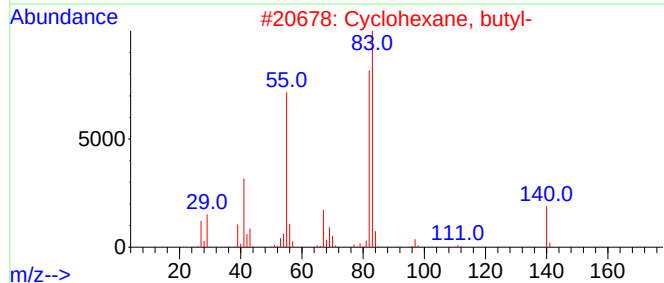
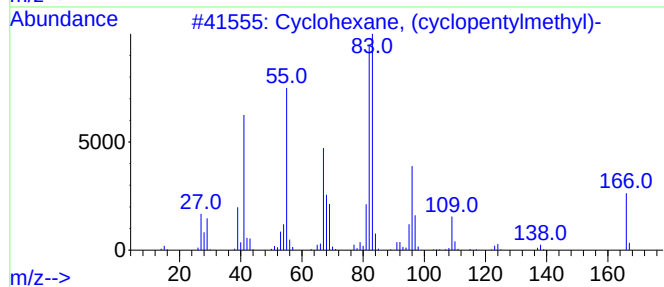
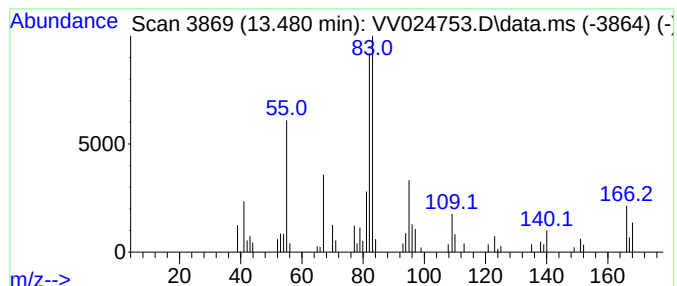
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Cyclohexane, (cyclopentylme... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	0.55 ug/L	47045	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	52
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4			Cyclohexanone, 2,2,5,5-tetrameth...	166	C11H18O	035505-97-6	49
5			1,1'-Bicyclohexyl	166	C12H22	000092-51-3	49



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Instrument :
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ClientSampleId :
VIBLK256

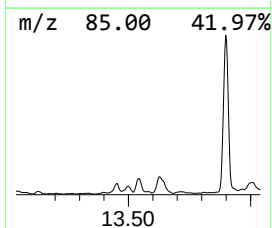
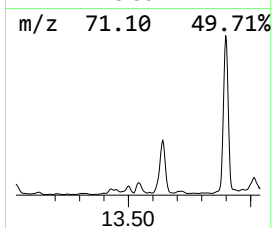
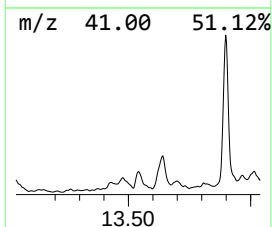
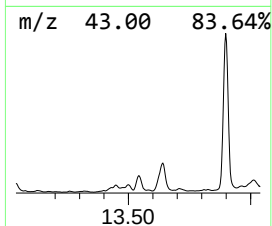
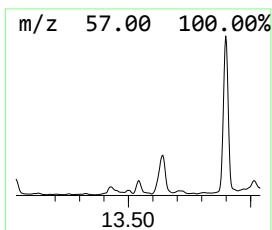
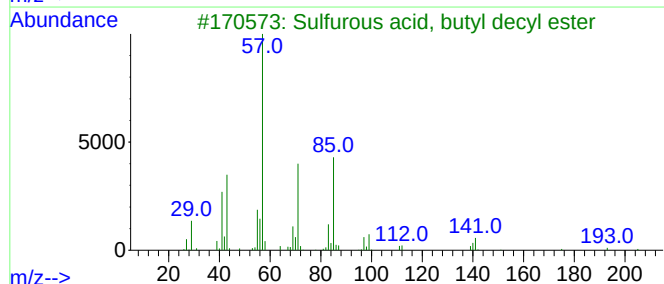
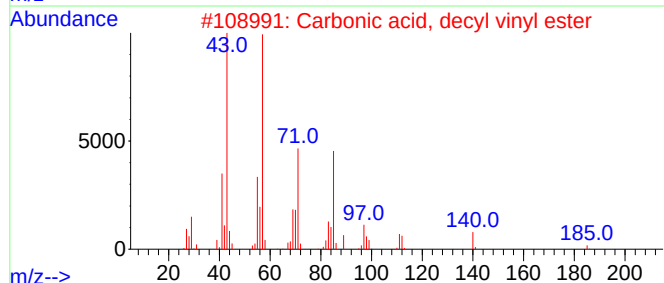
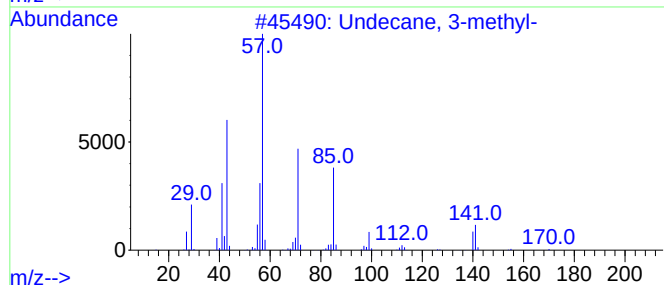
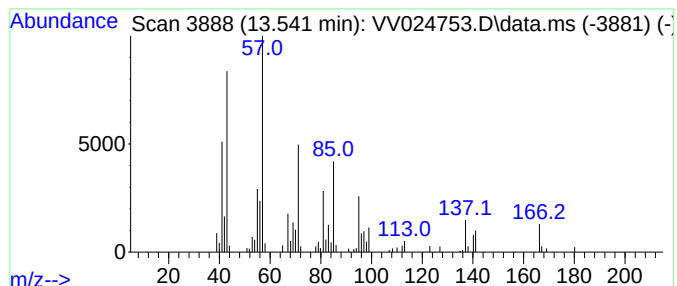
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	1.04 ug/L	88591	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	58
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	58
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	52
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	50



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ClientSampleId :
VIBLK256

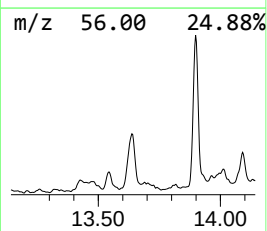
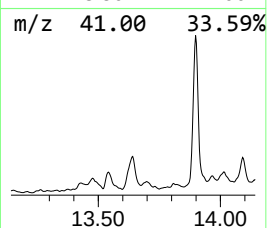
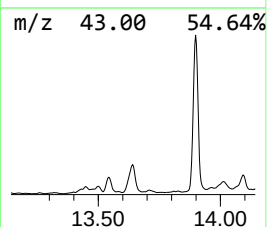
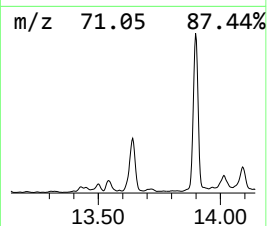
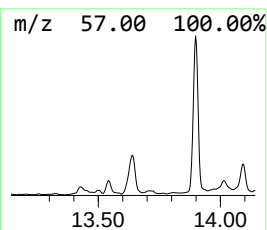
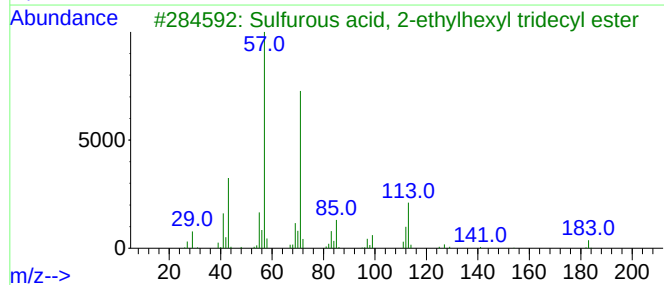
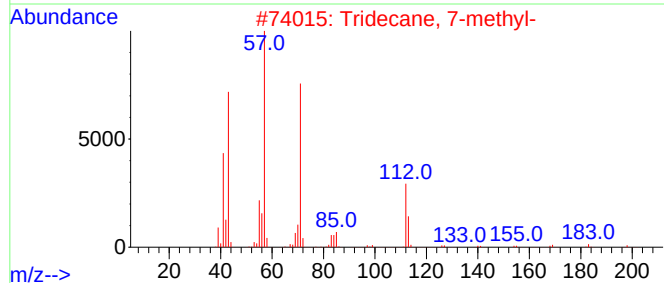
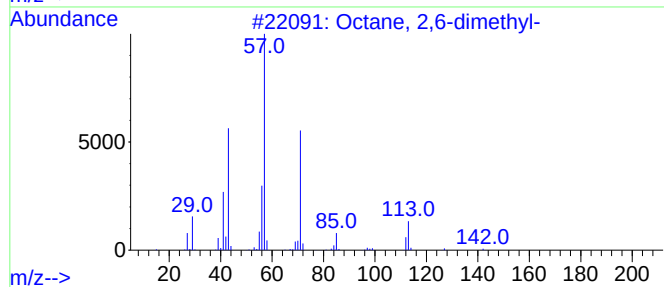
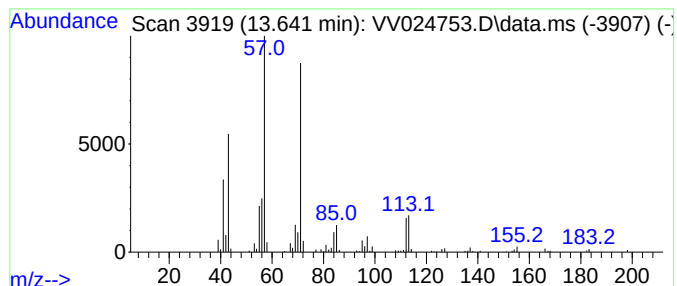
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	2.20 ug/L	187843	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			Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
3			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
5			Decane, 4-methyl-	156	C11H24	002847-72-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

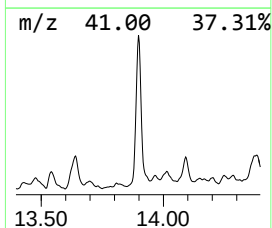
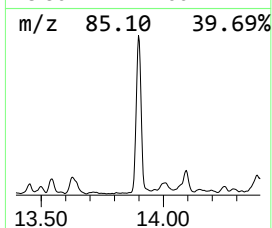
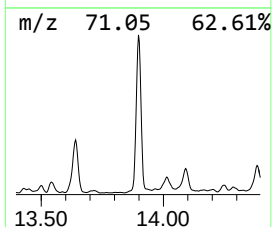
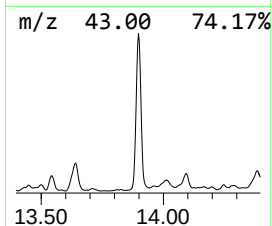
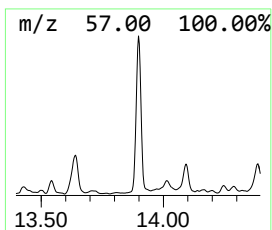
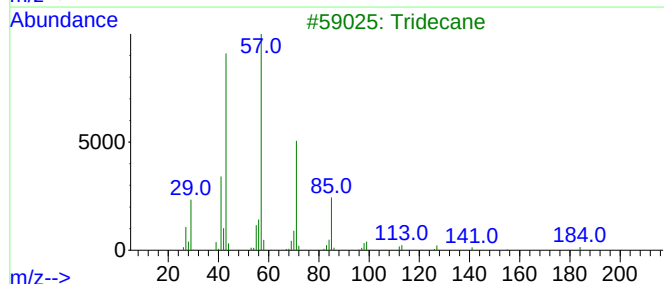
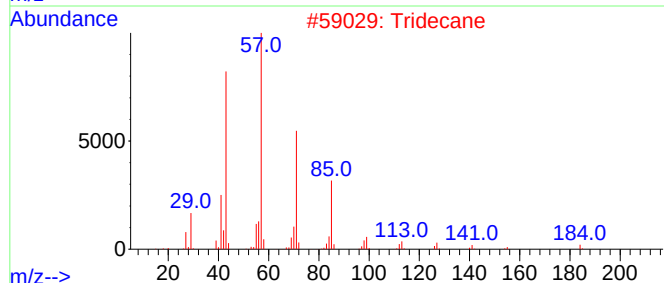
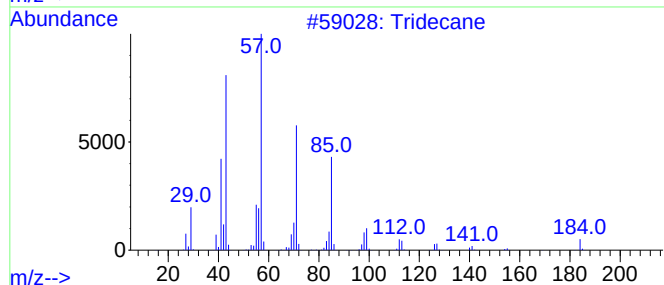
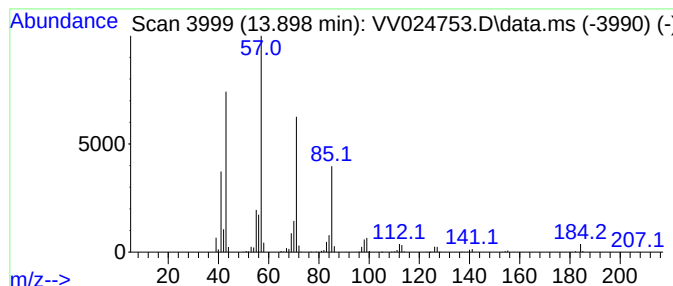
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	6.39 ug/L	544685	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Tridecane	184	C13H28	000629-50-5	94
3			Tridecane	184	C13H28	000629-50-5	90
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

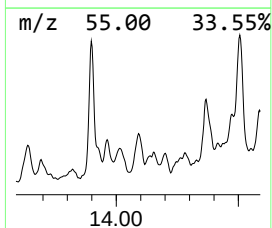
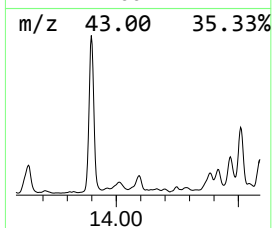
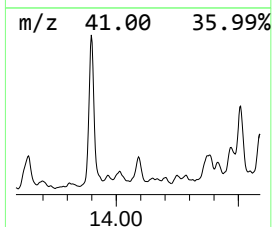
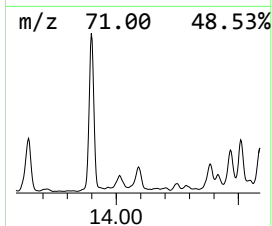
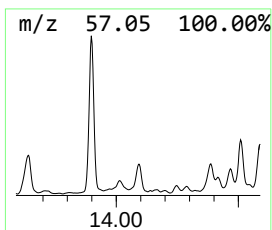
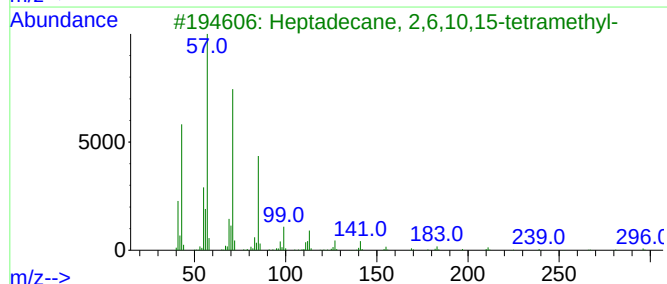
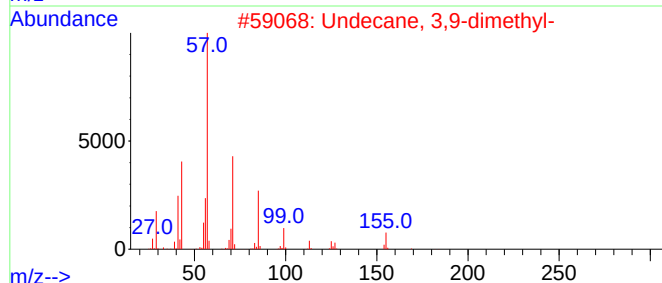
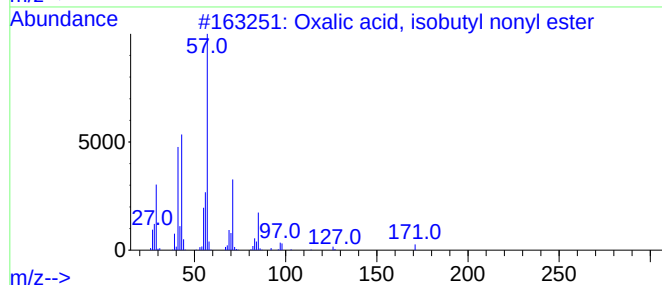
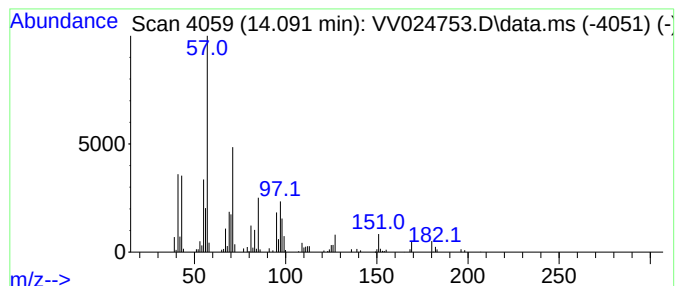
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Oxalic acid, isobutyl nonyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	1.20 ug/L	102065	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
2			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	50
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
4			Tridecane, 6-methyl-	198	C14H30	013287-21-3	49
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

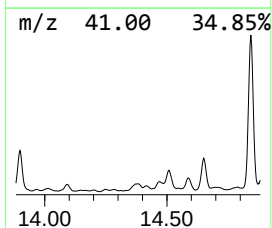
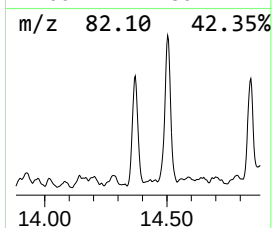
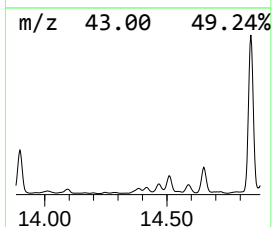
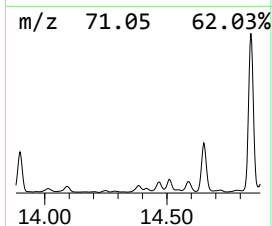
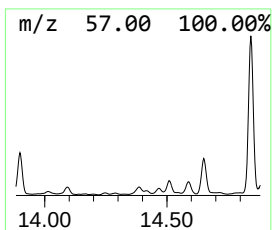
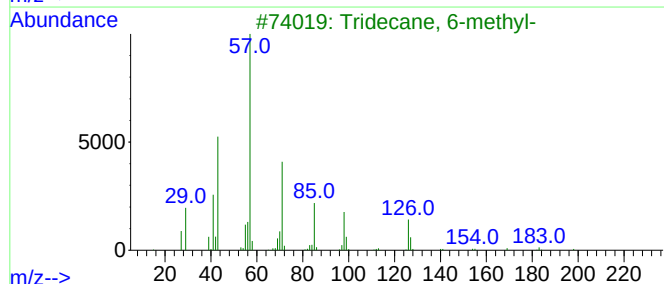
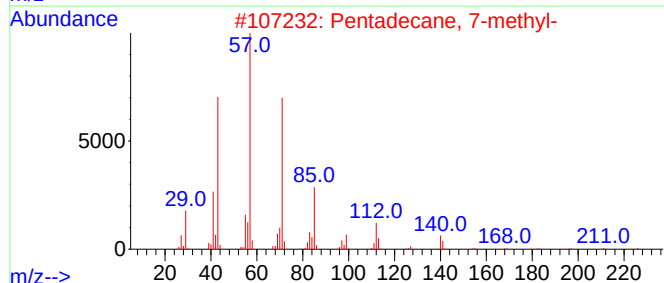
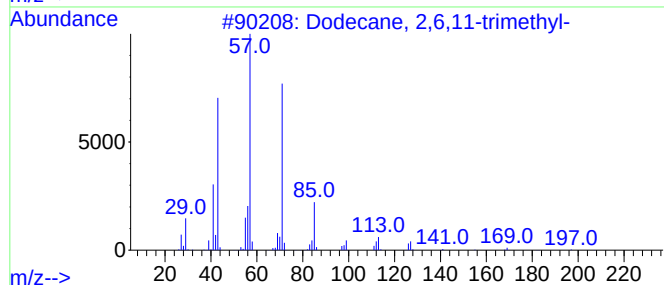
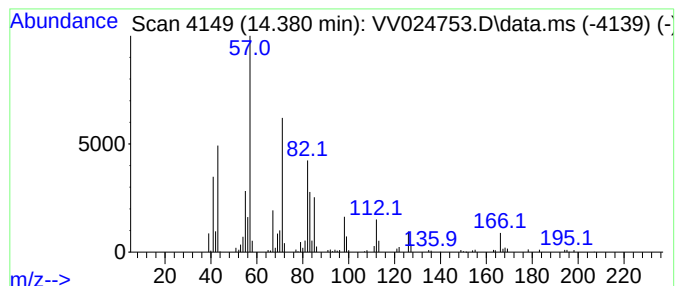
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.381	1.69 ug/L	144490	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	38
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	35
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

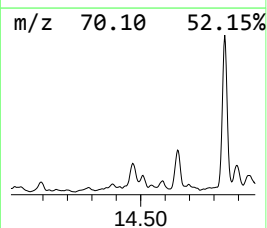
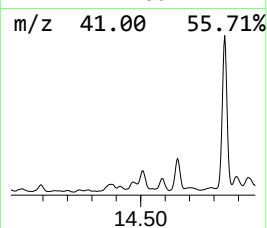
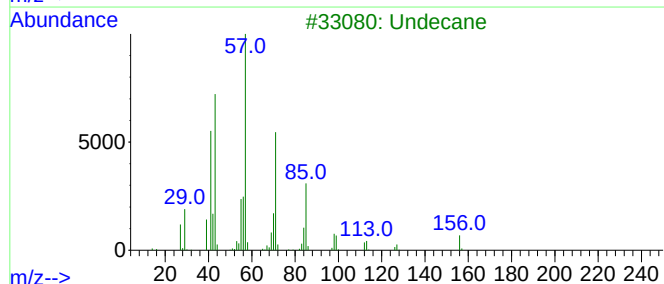
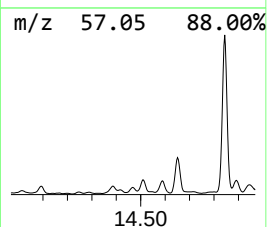
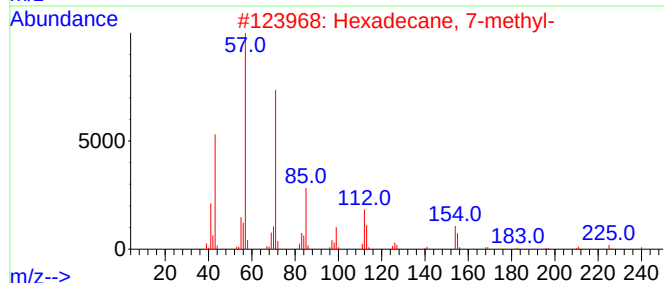
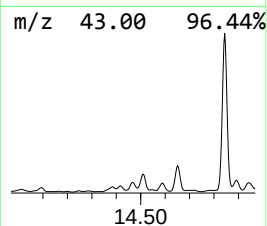
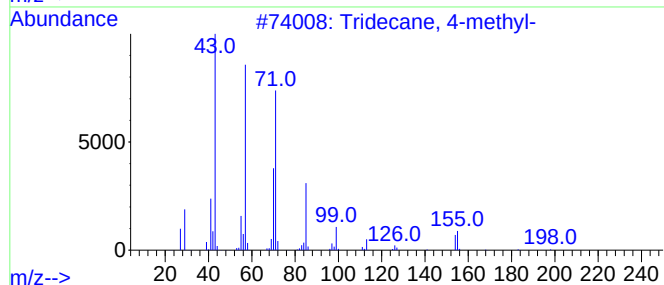
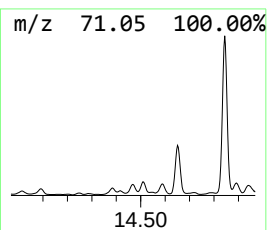
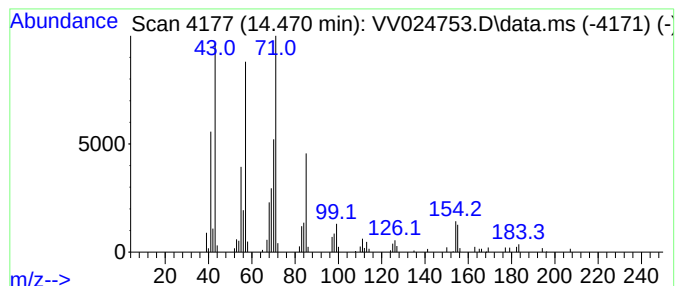
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.470	0.99 ug/L	84058	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	59
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53
3			Undecane	156	C11H24	001120-21-4	46
4			10-Methylnonadecane	282	C20H42	056862-62-5	46
5			Undecane, 3-ethyl-	184	C13H28	017312-58-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

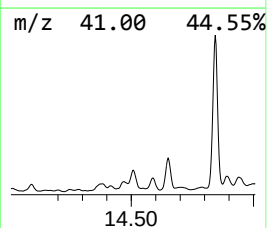
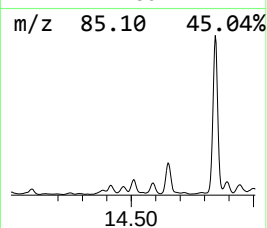
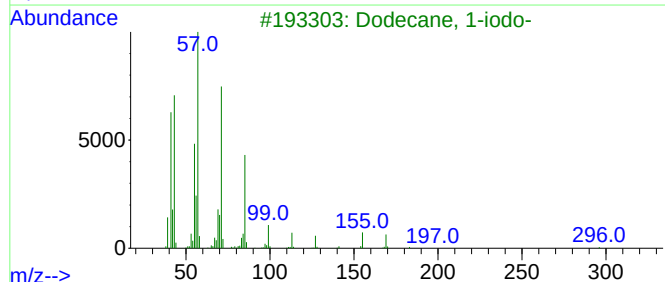
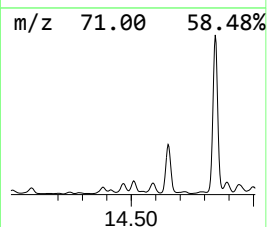
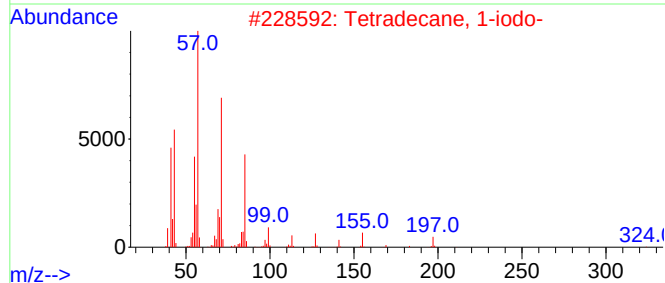
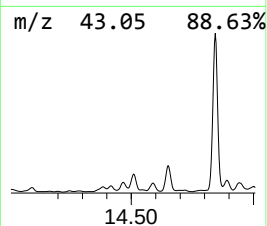
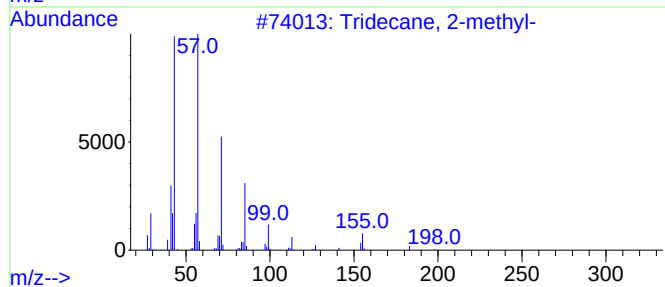
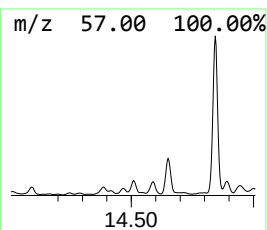
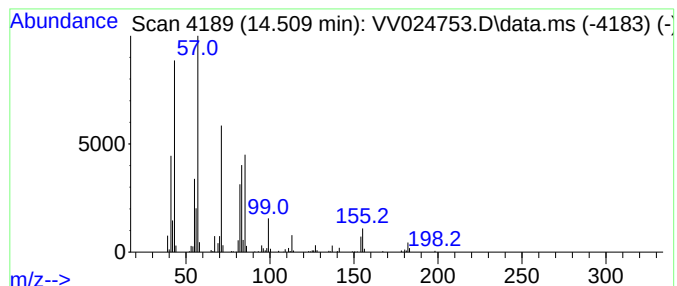
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Quant Title : TRACE VOA SFAM1.0

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.
14.509	2.97 ug/L	252930	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	52
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4		Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

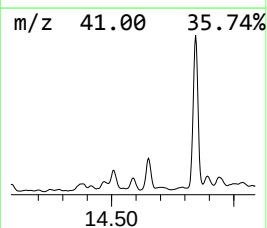
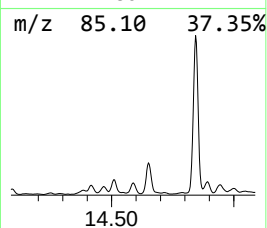
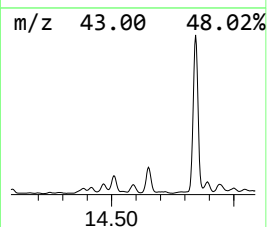
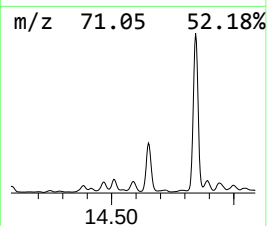
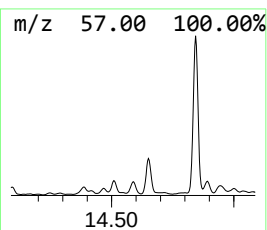
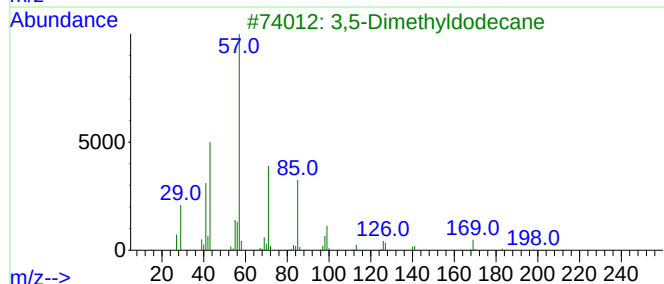
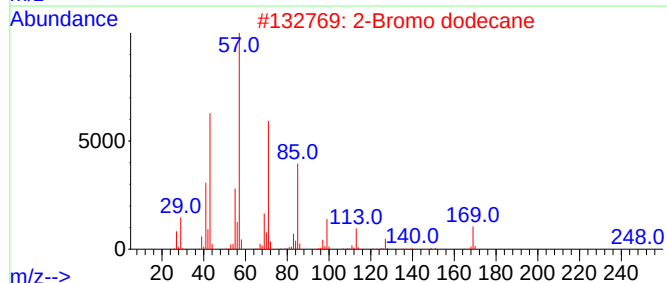
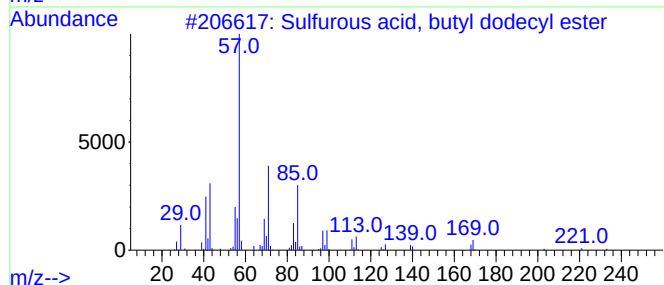
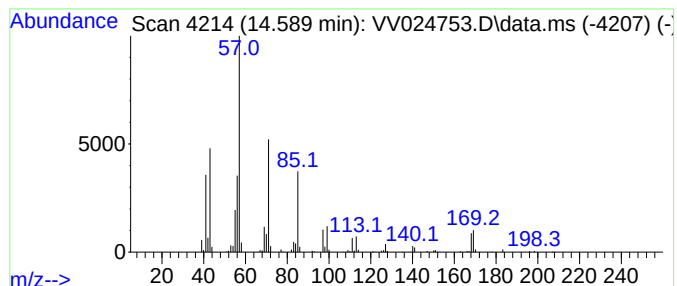
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Sulfurous acid, butyl dodec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.589	1.94 ug/L	165314	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
2			2-Bromo dodecane	248	C12H25Br	013187-99-0	74
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	70
5			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

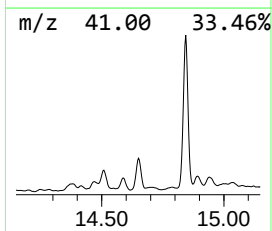
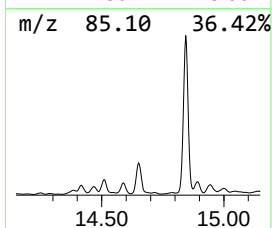
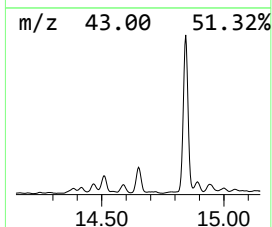
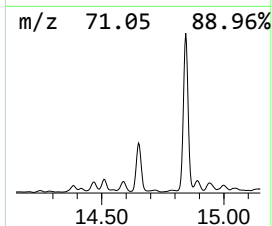
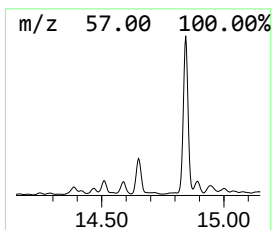
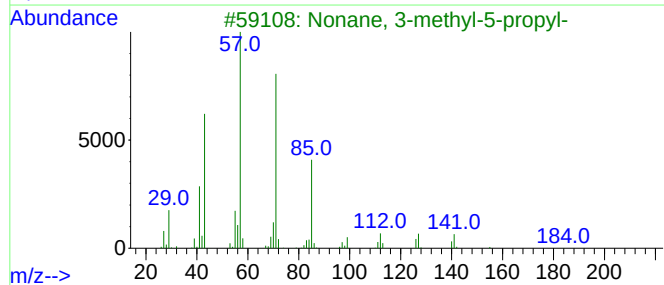
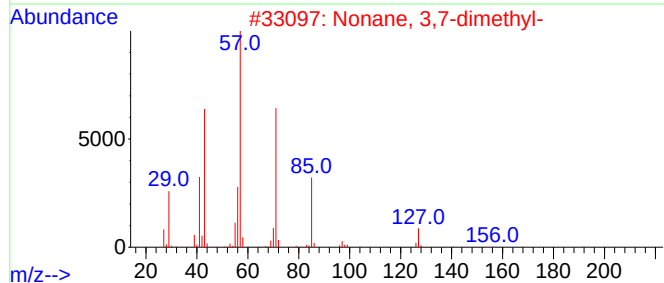
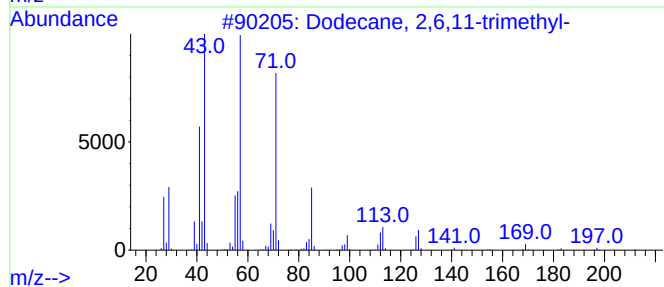
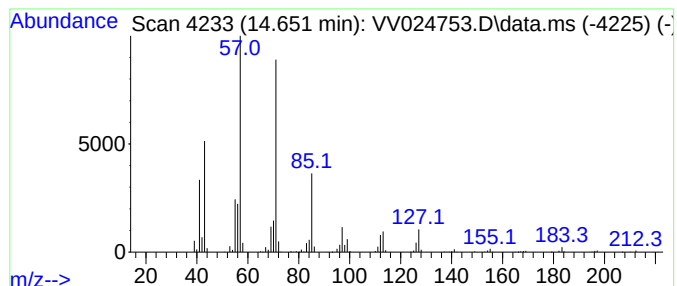
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.650	5.60 ug/L	477688	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	80
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

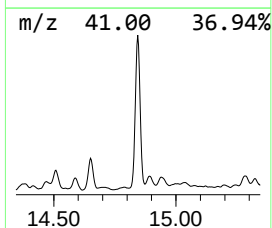
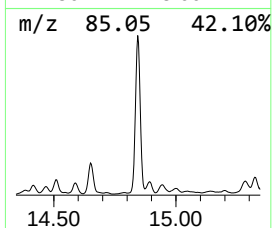
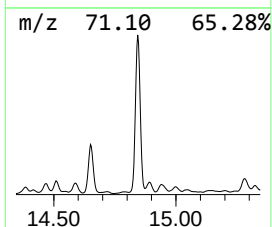
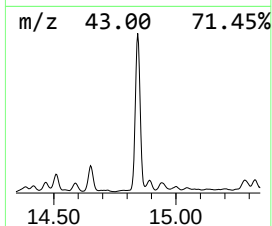
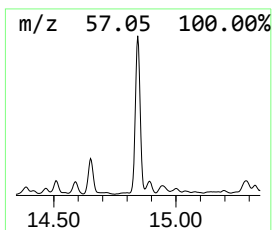
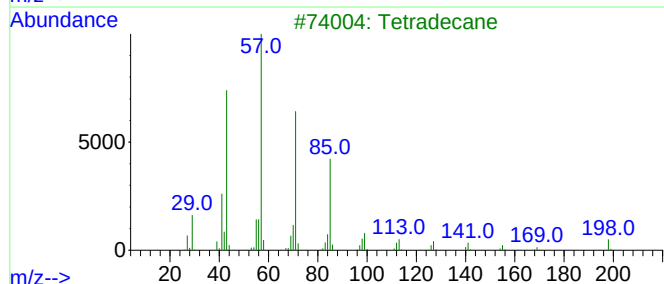
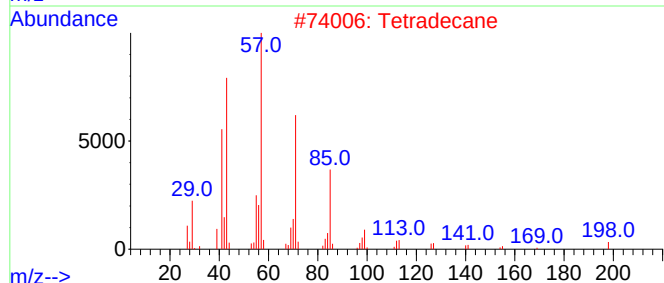
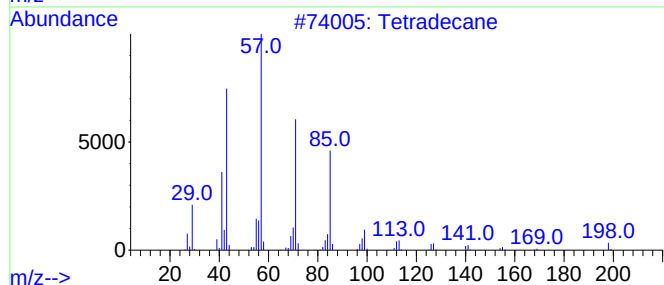
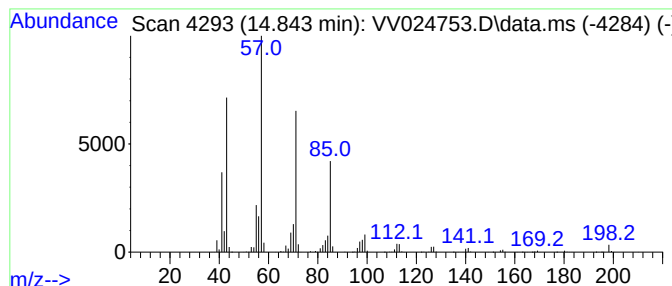
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	22.81 ug/L	1945590	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tetradecane	198	C14H30	000629-59-4	94
3			Tetradecane	198	C14H30	000629-59-4	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

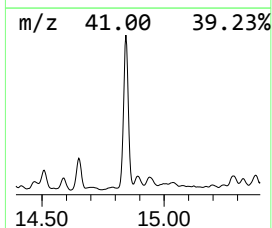
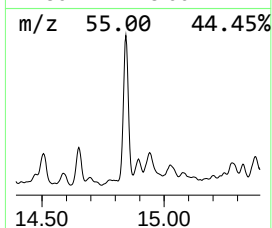
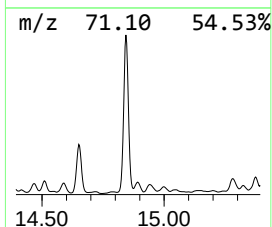
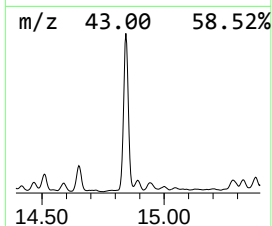
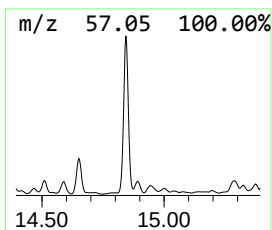
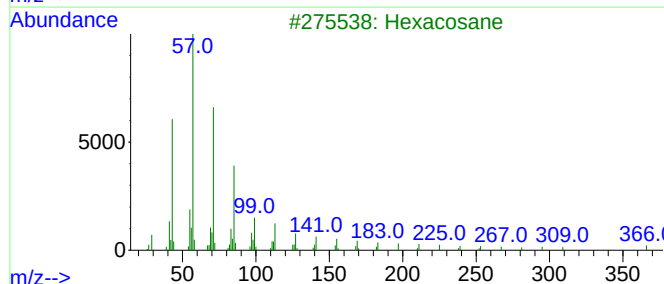
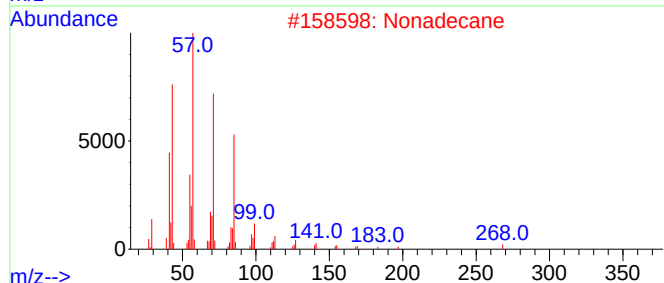
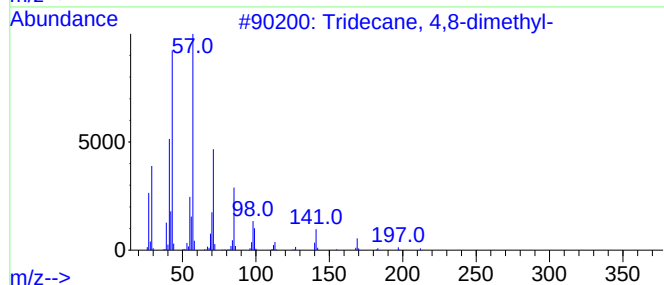
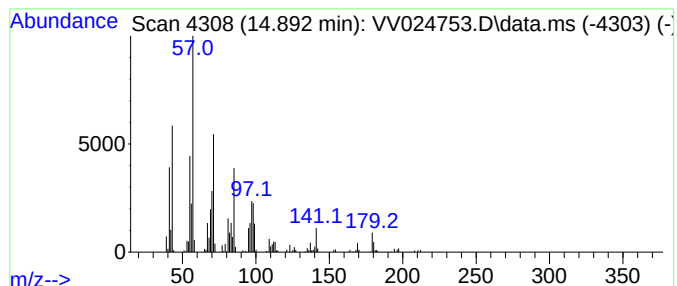
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	2.13 ug/L	181677	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	58
2		Nonadecane	268	C19H40	000629-92-5	52
3		Hexacosane	366	C26H54	000630-01-3	50
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5		Pentacosane	352	C25H52	000629-99-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

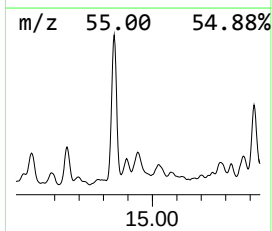
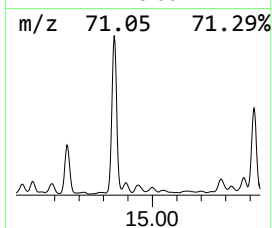
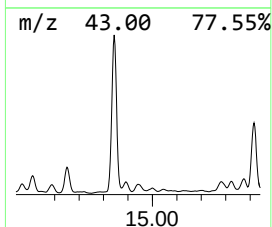
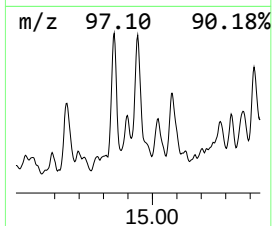
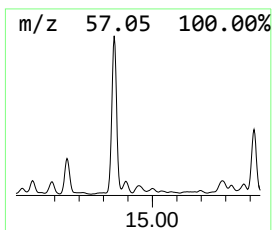
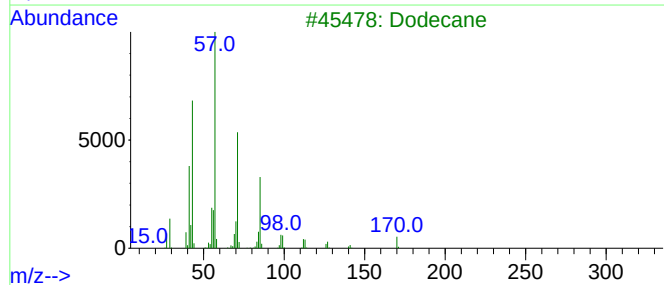
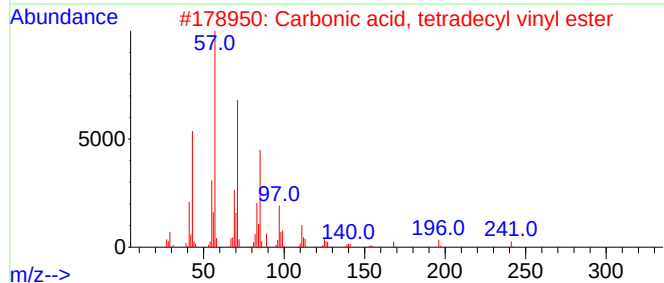
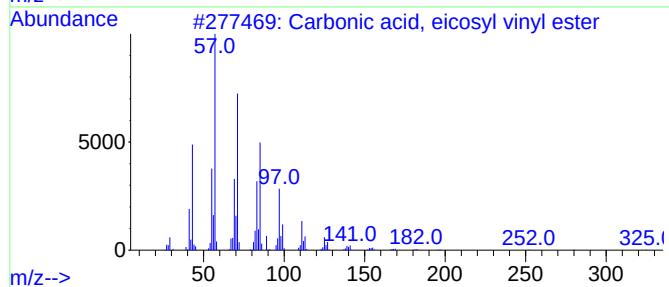
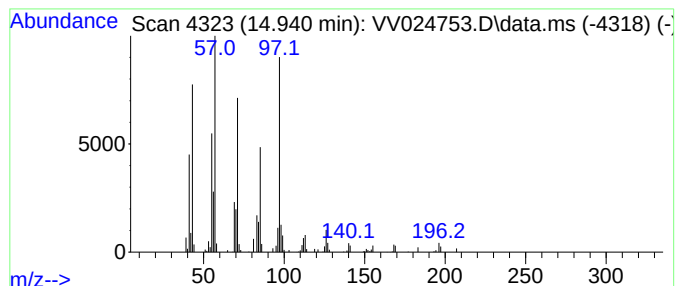
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Carbonic acid, eicosyl vinyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	2.01 ug/L	171030	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	52
3			Dodecane	170	C12H26	000112-40-3	46
4			2,4-Dimethyl-1,5-diazabicyclo[3...	112	C6H12N2	1000283-20-9	30
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

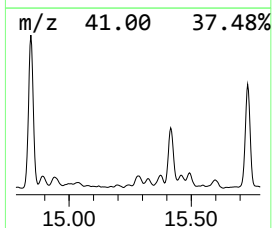
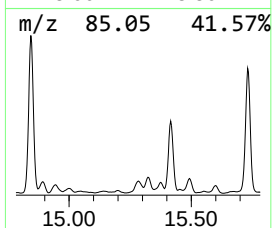
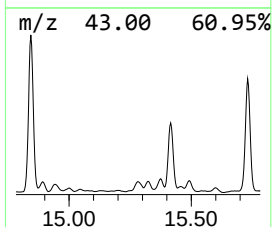
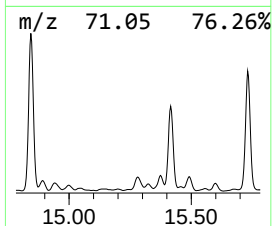
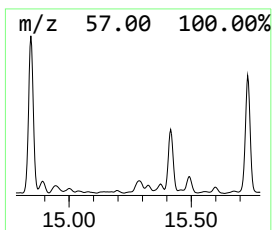
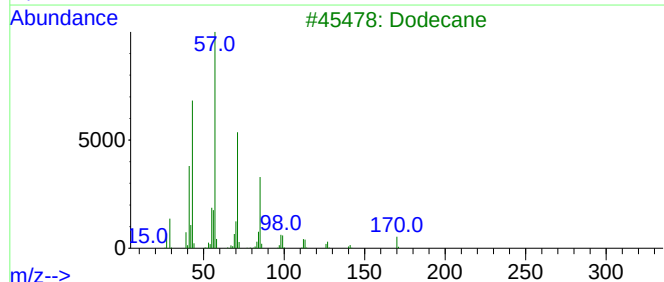
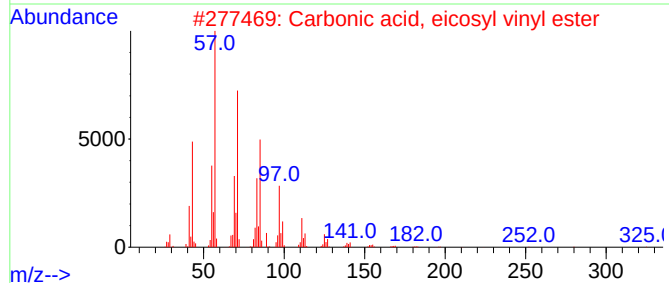
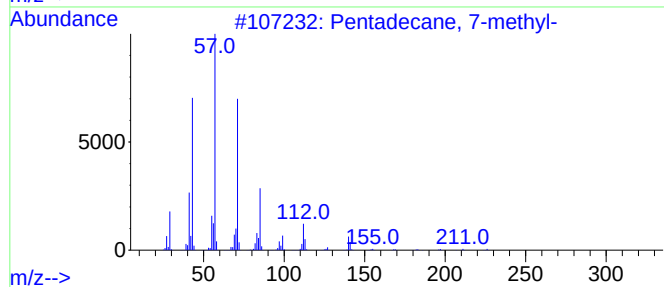
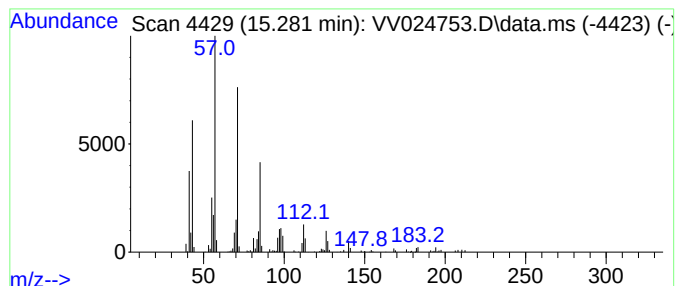
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	1.86 ug/L	158614	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
3			Dodecane	170	C12H26	000112-40-3	50
4			2-Nonanol, 2-methylpropionate	214	C13H26O2	069121-76-2	47
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

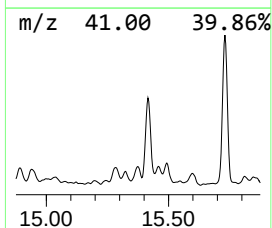
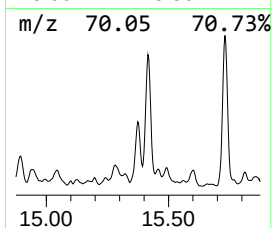
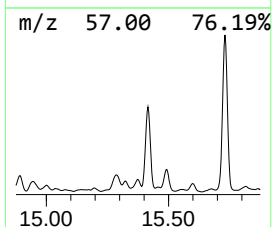
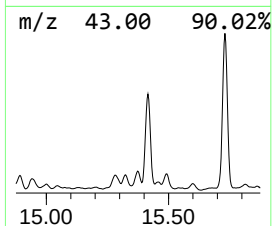
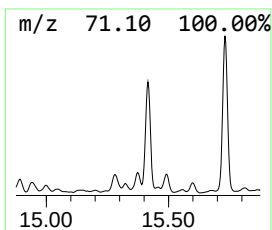
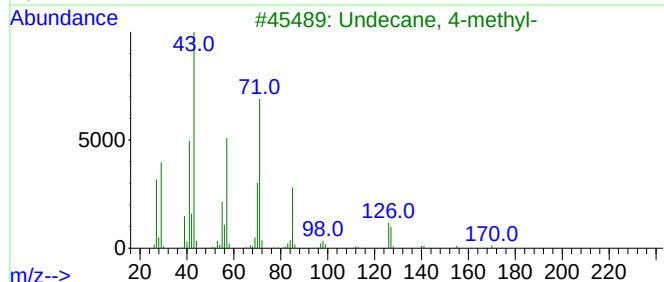
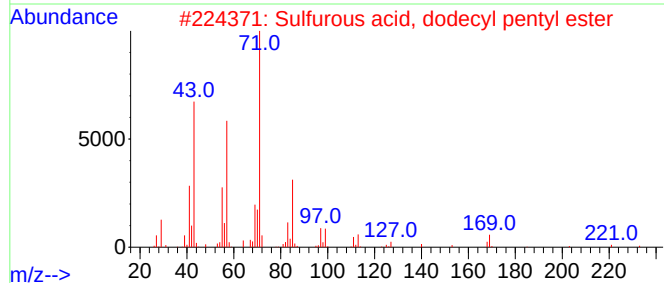
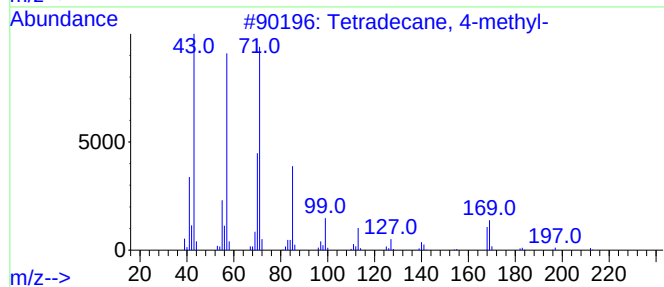
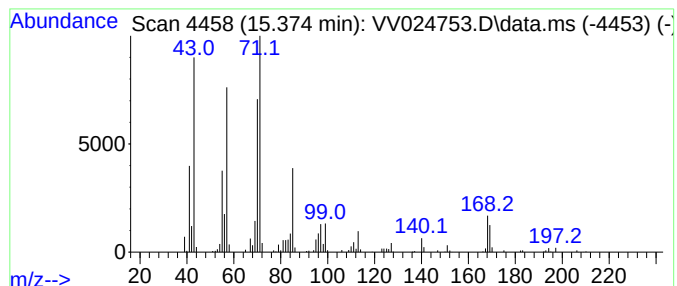
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.374	1.20 ug/L	102469	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	83
2		Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	64
3		Undecane, 4-methyl-	170	C12H26	002980-69-0	52
4		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	50
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

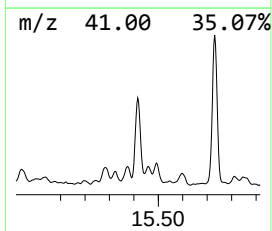
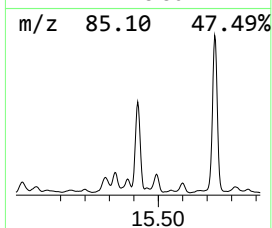
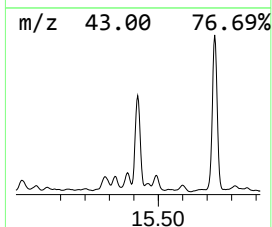
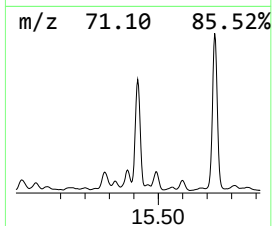
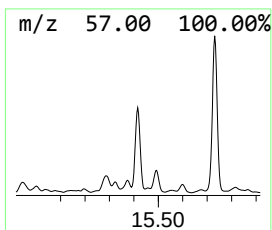
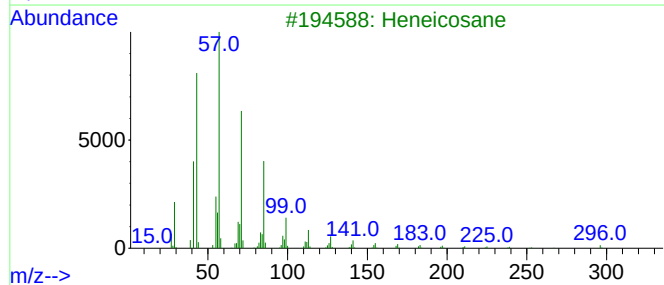
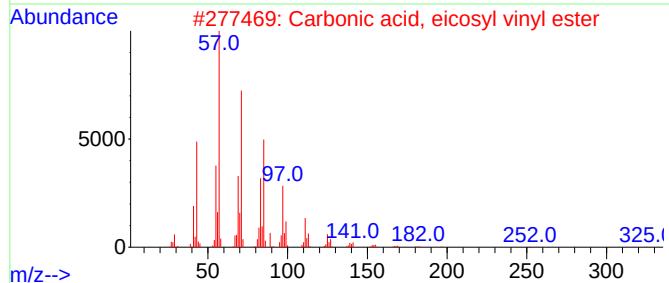
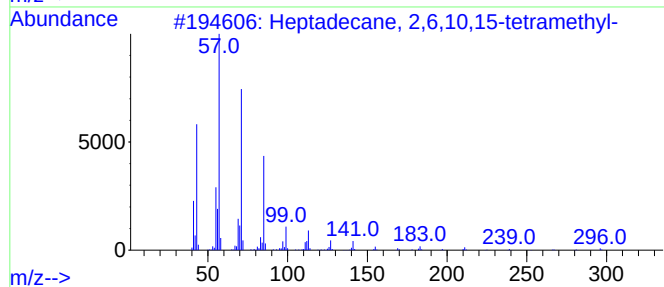
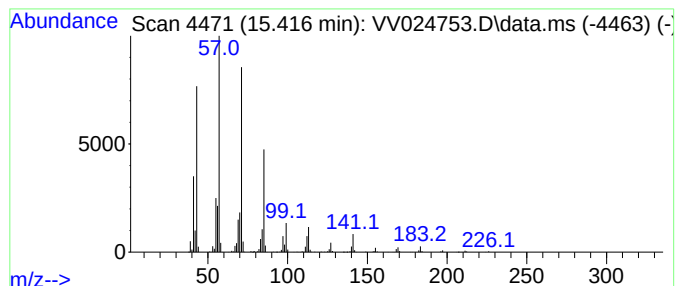
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	10.28 ug/L	877282	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Decane, 5-propyl-	184	C13H28	017312-62-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024753.D
Acq On : 18 Feb 2022 15:06
Operator : SY/MD
Sample : VIBLK257
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK256

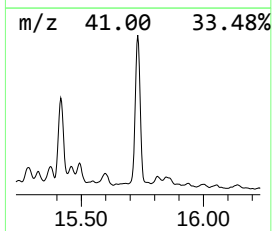
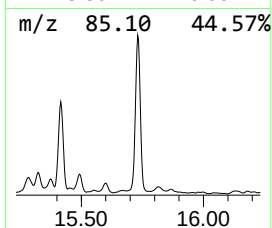
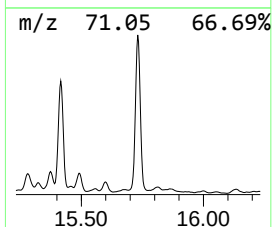
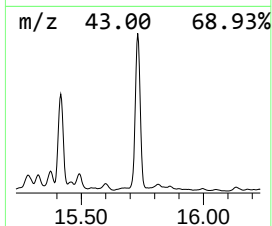
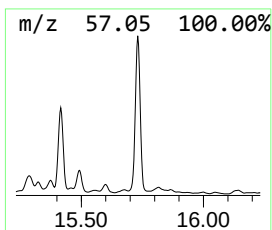
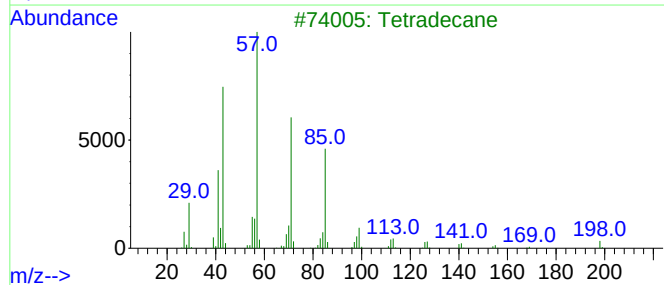
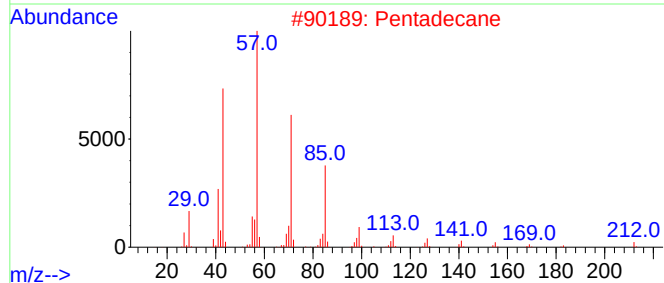
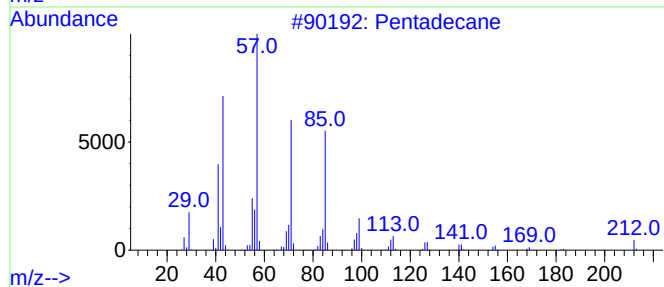
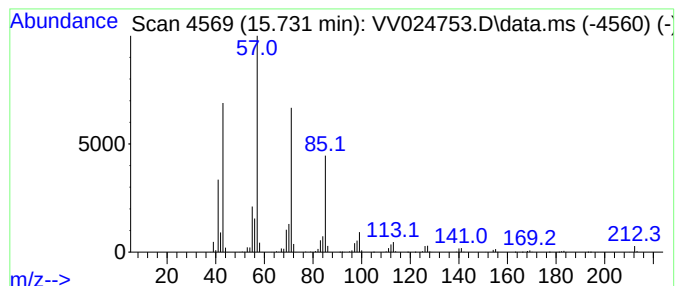
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	16.40 ug/L	1398780	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	96
2		Pentadecane	212	C15H32	000629-62-9	93
3		Tetradecane	198	C14H30	000629-59-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
 Data File : VV024753.D
 Acq On : 18 Feb 2022 15:06
 Operator : SY/MD
 Sample : VIBLK257
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK256

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.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...	12.885	1.1	ug/L	95226	3	11.249	426507	5.0
(DEL) Alkane: S...	13.037	1.2	ug/L	102457	3	11.249	426507	5.0
Cyclohexane, (c...	13.480	0.6	ug/L	47045	3	11.249	426507	5.0
(DEL) Alkane: S...	13.541	1.0	ug/L	88591	3	11.249	426507	5.0
(DEL) Alkane: S...	13.641	2.2	ug/L	187843	3	11.249	426507	5.0
(DEL) Alkane: S...	13.898	6.4	ug/L	544685	3	11.249	426507	5.0
Oxalic acid, is...	14.091	1.2	ug/L	102065	3	11.249	426507	5.0
(DEL) Alkane: S...	14.381	1.7	ug/L	144490	3	11.249	426507	5.0
(DEL) Alkane: S...	14.470	1.0	ug/L	84058	3	11.249	426507	5.0
(DEL) Alkane: S...	14.509	3.0	ug/L	252930	3	11.249	426507	5.0
Sulfurous acid,...	14.589	1.9	ug/L	165314	3	11.249	426507	5.0
(DEL) Alkane: S...	14.650	5.6	ug/L	477688	3	11.249	426507	5.0
(DEL) Alkane: S...	14.844	22.8	ug/L	1945590	3	11.249	426507	5.0
(DEL) Alkane: S...	14.892	2.1	ug/L	181677	3	11.249	426507	5.0
Carbonic acid, ...	14.940	2.0	ug/L	171030	3	11.249	426507	5.0
(DEL) Alkane: S...	15.281	1.9	ug/L	158614	3	11.249	426507	5.0
(DEL) Alkane: S...	15.374	1.2	ug/L	102469	3	11.249	426507	5.0
(DEL) Alkane: S...	15.416	10.3	ug/L	877282	3	11.249	426507	5.0
(DEL) Alkane: S...	15.731	16.4	ug/L	1398780	3	11.249	426507	5.0