

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025380.D
 Acq On : 07 Apr 2022 12:54
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

Signal : TIC: VV025380.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.298	72	80	88	rBV2	251334	368602	1.17%	0.120%
2	5.043	1228	1245	1281	rBV3	148752	400402	1.28%	0.130%
3	5.613	1410	1422	1449	rBV	187588	384537	1.23%	0.125%
4	8.233	2227	2237	2272	rVV	571115	974916	3.11%	0.316%
5	8.850	2417	2429	2451	rBV	251527	419824	1.34%	0.136%
6	9.805	2716	2726	2748	rVB2	196901	361520	1.15%	0.117%
7	10.127	2802	2826	2844	rBV	6415761	9837273	31.35%	3.190%
8	10.259	2858	2867	2872	rBV	475806	725404	2.31%	0.235%
9	10.320	2872	2886	2892	rVV	1338124	2624840	8.37%	0.851%
10	10.355	2893	2897	2903	rVB3	511884	676930	2.16%	0.220%
11	10.574	2952	2965	2972	rBV2	2055503	3898976	12.43%	1.264%
12	10.661	2985	2992	3001	rVB	581044	848867	2.71%	0.275%
13	10.744	3002	3018	3022	rBV4	286891	624275	1.99%	0.202%
14	10.834	3036	3046	3054	rBV3	1885674	3021414	9.63%	0.980%
15	10.918	3055	3072	3095	rVB	12765358	21063675	67.13%	6.831%
16	11.040	3096	3110	3123	rBV	4805256	7949005	25.33%	2.578%
17	11.149	3133	3144	3154	rBV	21071565	31375921	100.00%	10.175%
18	11.198	3154	3159	3169	rVB4	1070320	1802252	5.74%	0.584%
19	11.278	3169	3184	3191	rBV2	1280533	2613540	8.33%	0.848%
20	11.326	3191	3199	3208	rBV	2898913	4299177	13.70%	1.394%
21	11.394	3208	3220	3226	rBV	11095085	18829776	60.01%	6.106%
22	11.432	3226	3232	3242	rVB	12609966	18817841	59.98%	6.103%
23	11.574	3260	3276	3281	rBV2	1704170	3489505	11.12%	1.132%
24	11.622	3282	3291	3302	rVV3	7345023	13253552	42.24%	4.298%
25	11.677	3303	3308	3315	rVV2	598057	937259	2.99%	0.304%
26	11.731	3318	3325	3332	rVV	1231490	1928593	6.15%	0.625%
27	11.789	3333	3343	3352	rVV2	3541286	6105445	19.46%	1.980%
28	11.853	3355	3363	3376	rVB2	2119899	4551153	14.51%	1.476%
29	11.937	3378	3389	3397	rBV9	737960	1617573	5.16%	0.525%
30	12.101	3435	3440	3444	rBV2	523925	678501	2.16%	0.220%
31	12.265	3480	3491	3501	rBV	5982797	9577759	30.53%	3.106%
32	12.342	3510	3515	3518	rBV	788353	901109	2.87%	0.292%
33	12.371	3518	3524	3532	rVV2	2145817	3292918	10.50%	1.068%
34	12.474	3547	3556	3564	rBV3	7613838	12417867	39.58%	4.027%
35	12.554	3575	3581	3588	rBV4	1188507	1897730	6.05%	0.615%
36	12.596	3590	3594	3601	rVV	1718775	2136845	6.81%	0.693%

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37	12.644	3603	3609	3620	rVB3	1504983	2698920	8.60%	0.875%
38	12.731	3628	3636	3647	rVB	3755907	5984875	19.07%	1.941%
39	12.802	3650	3658	3669	rVB5	2851656	4931396	15.72%	1.599%
40	12.889	3672	3685	3699	rBV6	14041165	28528424	90.92%	9.252%
41	13.043	3719	3733	3738	rBV4	11413744	21634527	68.95%	7.016%
42	13.271	3797	3804	3815	rBV3	2042190	3670773	11.70%	1.190%
43	13.378	3830	3837	3847	rBV2	1506243	3227484	10.29%	1.047%
44	13.484	3864	3870	3880	rVB5	3329500	5174928	16.49%	1.678%
45	13.542	3881	3888	3907	rVB3	3832072	7882570	25.12%	2.556%
46	13.638	3909	3918	3929	rBV4	3023218	6004942	19.14%	1.947%
47	13.902	3992	4000	4007	rBV	4504760	6032473	19.23%	1.956%
48	14.091	4053	4059	4067	rVB4	1053881	1548656	4.94%	0.502%
49	14.371	4139	4146	4156	rBV2	777462	1372297	4.37%	0.445%
50	14.506	4183	4188	4200	rVB3	1248282	1840006	5.86%	0.597%
51	14.587	4209	4213	4223	rVB2	657710	923930	2.94%	0.300%
52	14.651	4225	4233	4242	rBV	1815245	2531299	8.07%	0.821%
53	14.844	4284	4293	4302	rBV	4554617	6167632	19.66%	2.000%
54	14.892	4303	4308	4316	rVB2	443926	580582	1.85%	0.188%
55	15.416	4464	4471	4479	rBV2	922253	1198868	3.82%	0.389%
56	15.590	4520	4525	4539	rVB6	244036	461379	1.47%	0.150%
57	15.731	4561	4569	4586	rVB	902820	1260822	4.02%	0.409%

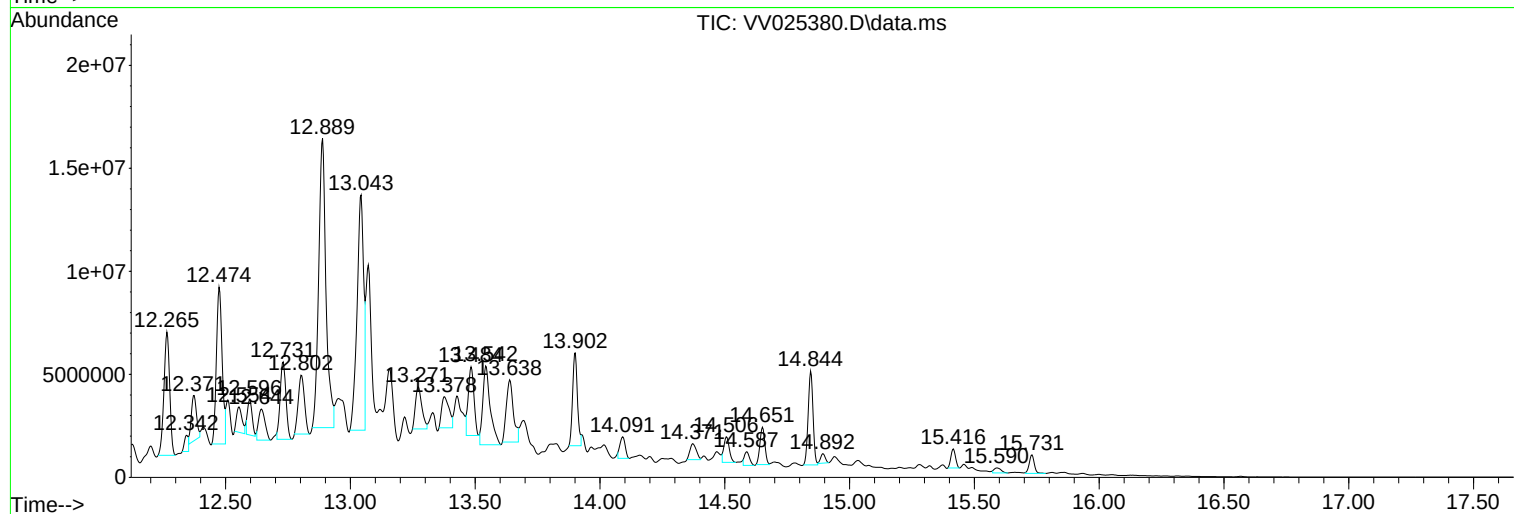
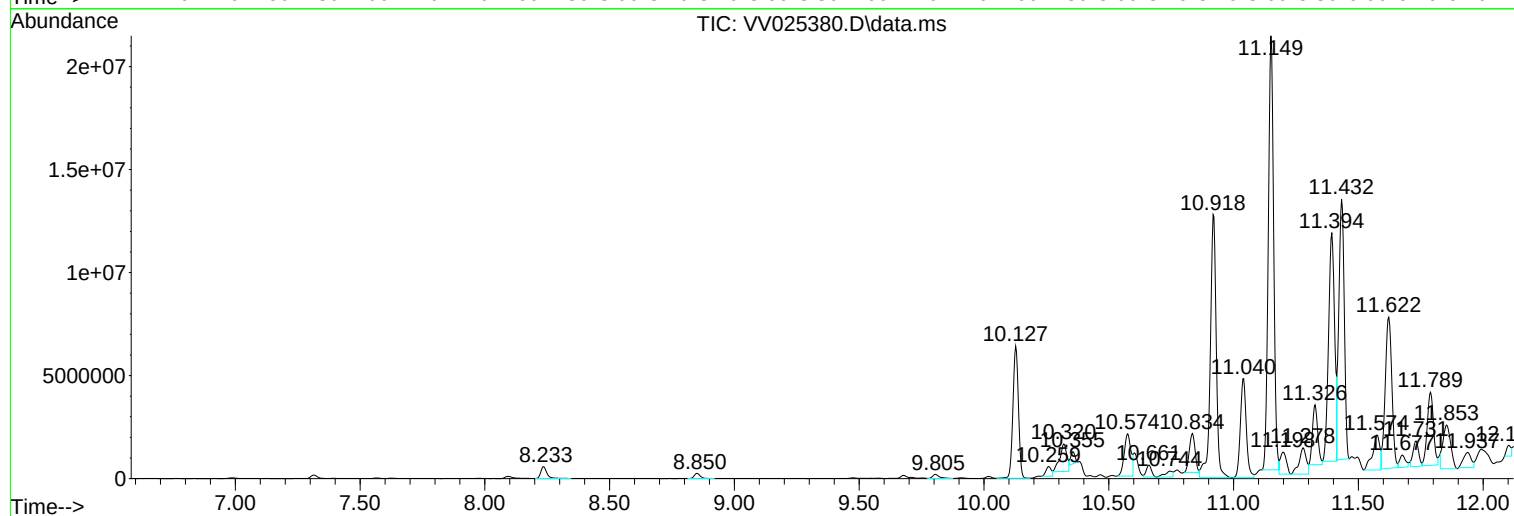
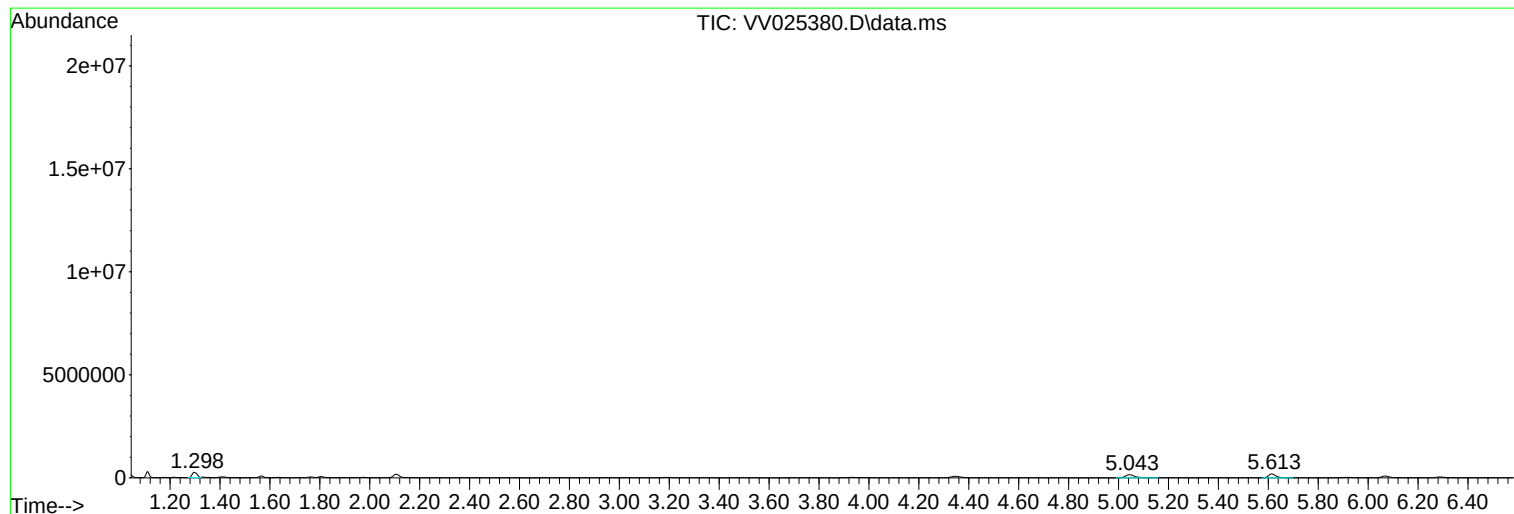
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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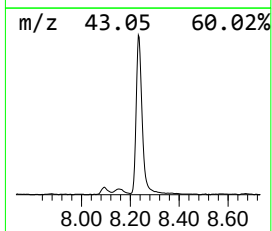
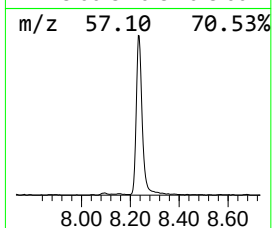
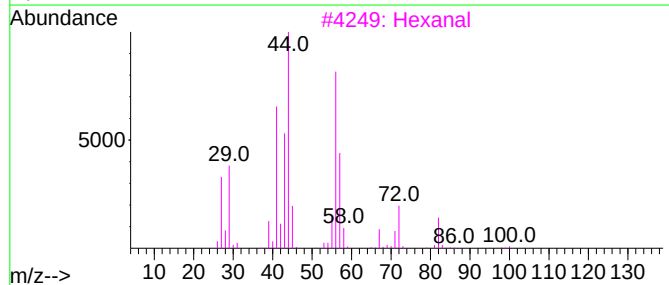
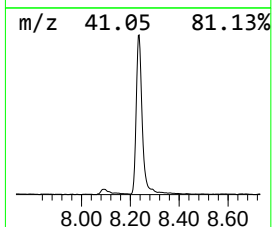
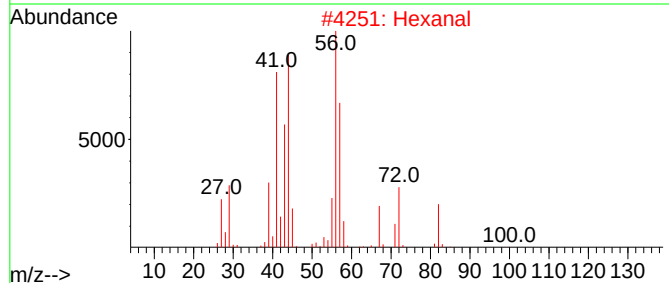
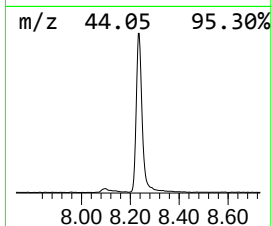
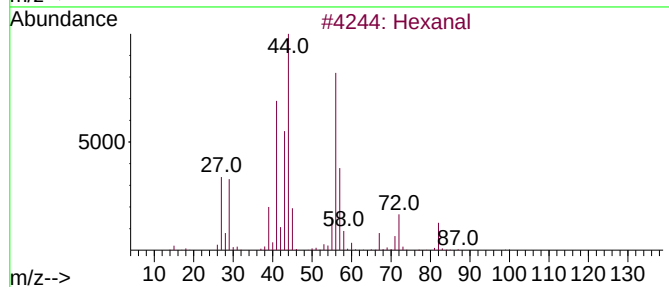
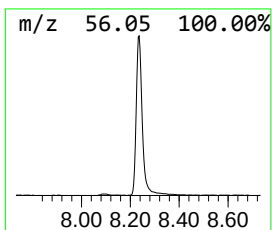
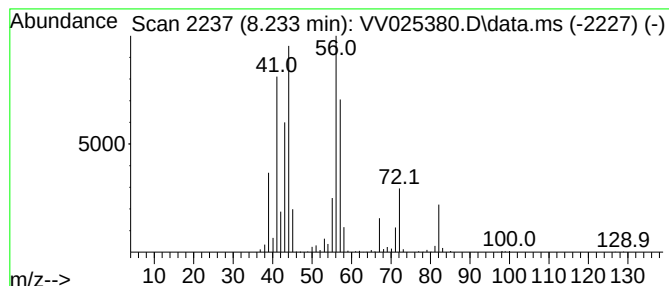
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Hexanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.233	11.61 ug/L	974916	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	94
3	Hexanal			100	C6H12O	000066-25-1	91
4	Hexanal			100	C6H12O	000066-25-1	90
5	Hexanal			100	C6H12O	000066-25-1	83



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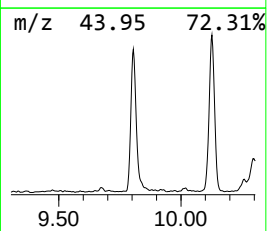
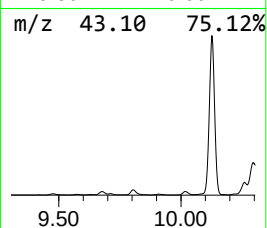
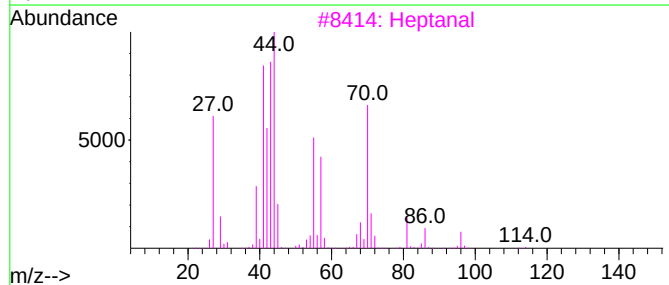
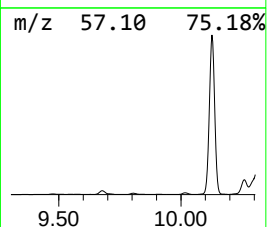
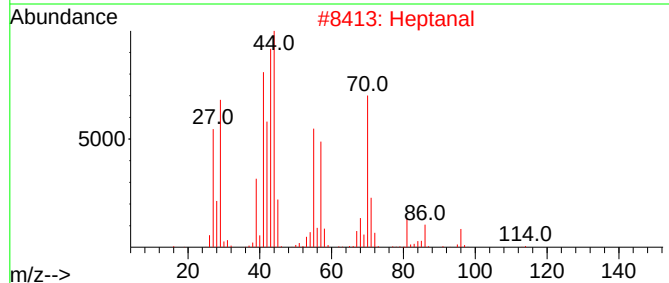
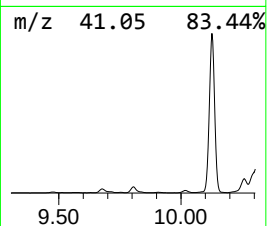
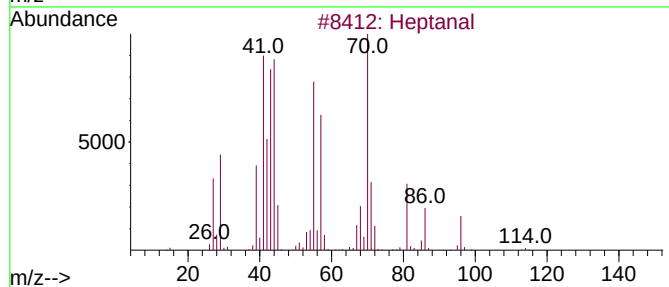
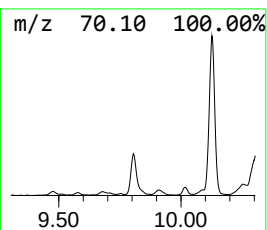
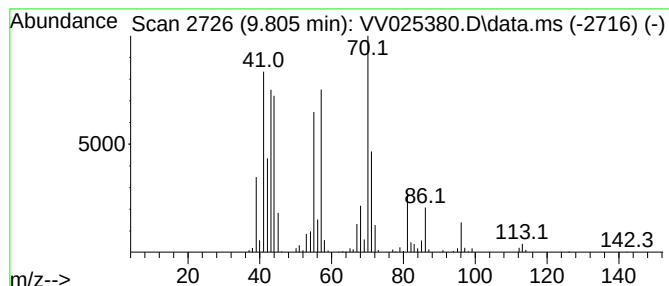
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Heptanal Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.805	4.31 ug/L	361520	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	96
2	Heptanal			114	C7H14O	000111-71-7	96
3	Heptanal			114	C7H14O	000111-71-7	90
4	Heptanal			114	C7H14O	000111-71-7	68
5	Heptanal			114	C7H14O	000111-71-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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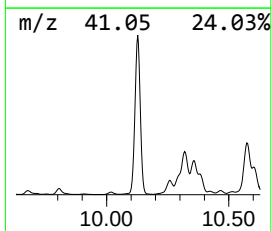
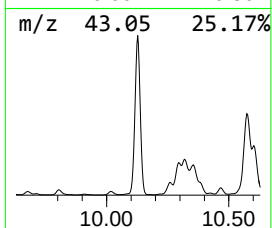
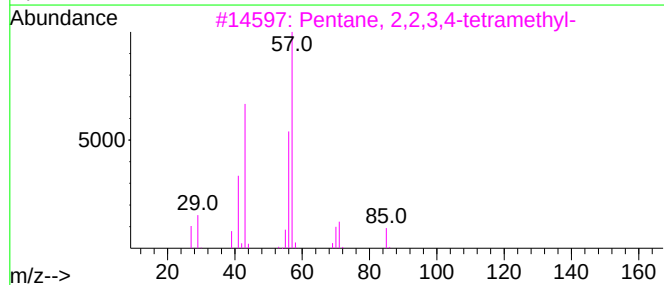
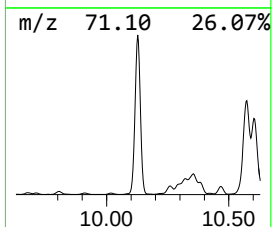
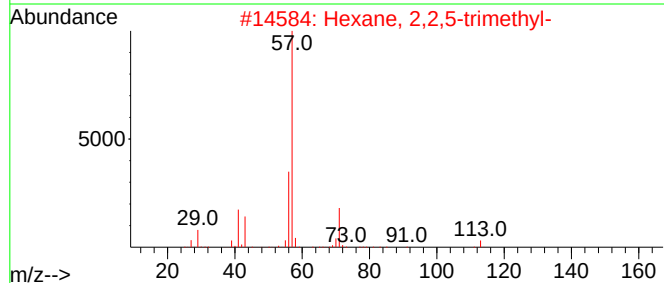
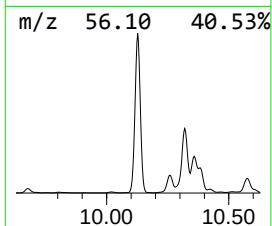
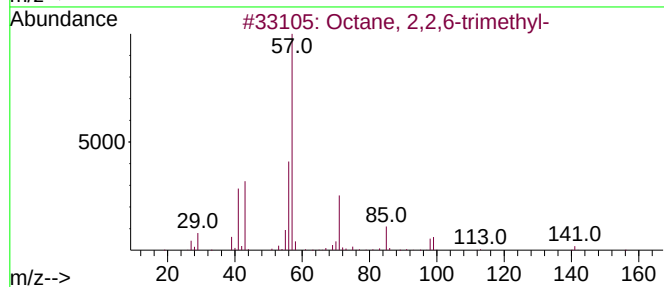
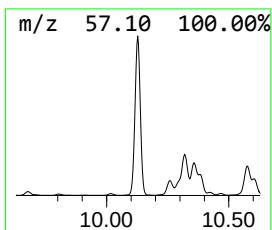
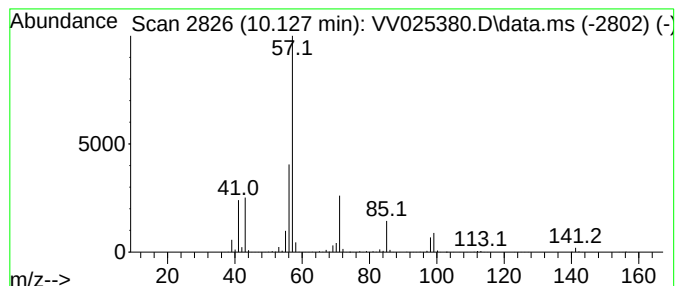
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	18.82 ug/L	9837270	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	83
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53



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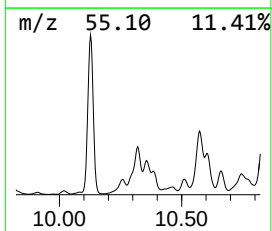
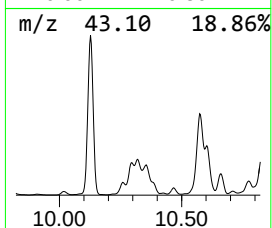
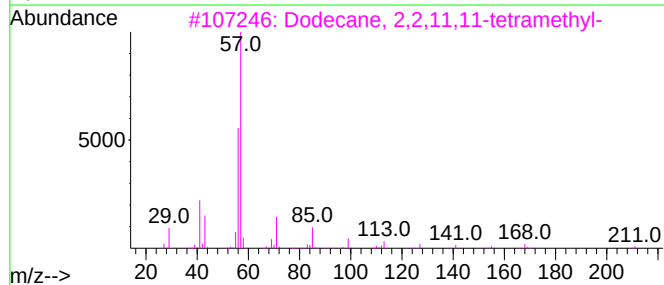
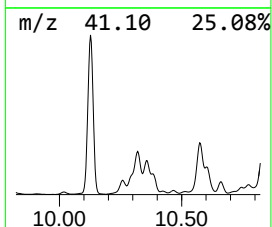
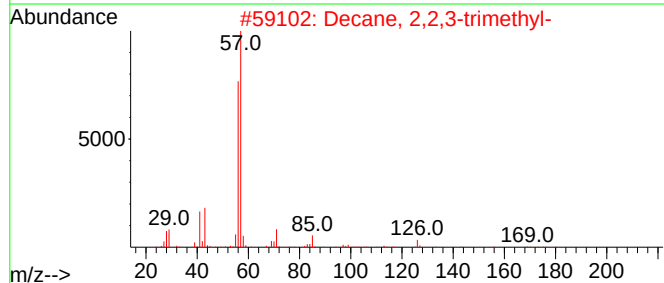
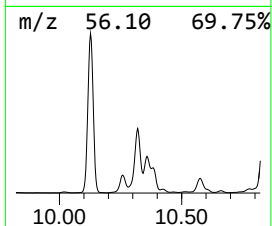
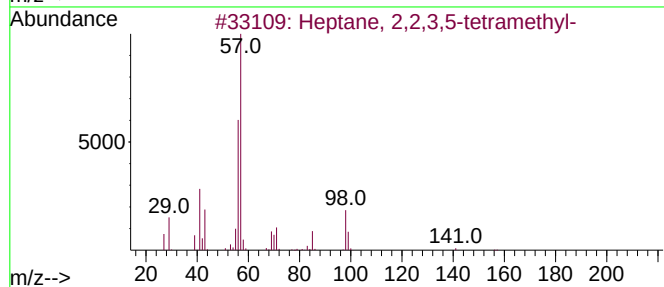
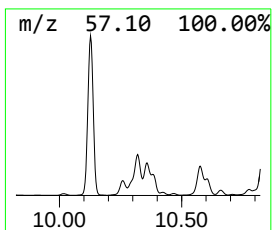
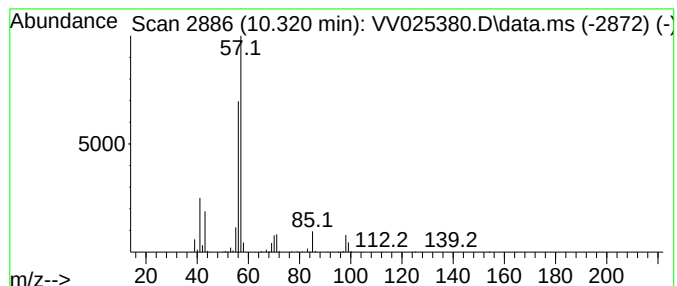
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.320	5.02 ug/L	2624840	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2,3,5-tetramethyl-		156	C11H24	061868-42-6	74
2	Decane, 2,2,3-trimethyl-		184	C13H28	062338-09-4	72
3	Dodecane, 2,2,11,11-tetramethyl-		226	C16H34	127204-12-0	72
4	Heptane, 2,2,4-trimethyl-		142	C10H22	014720-74-2	59
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	59



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ALS Vial : 5 Sample Multiplier: 1

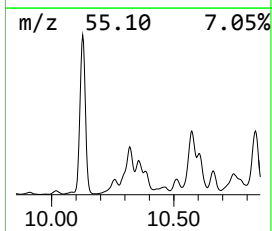
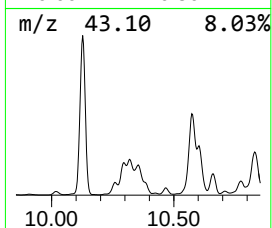
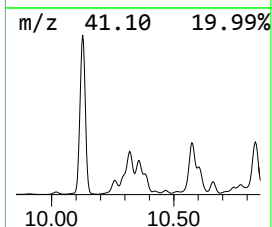
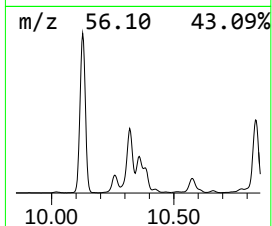
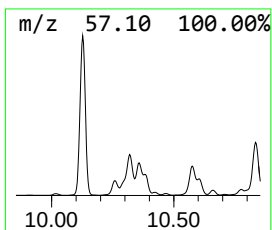
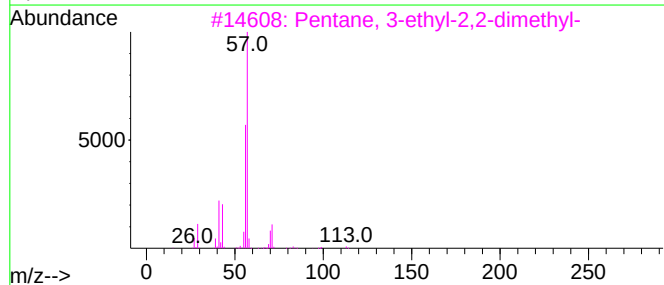
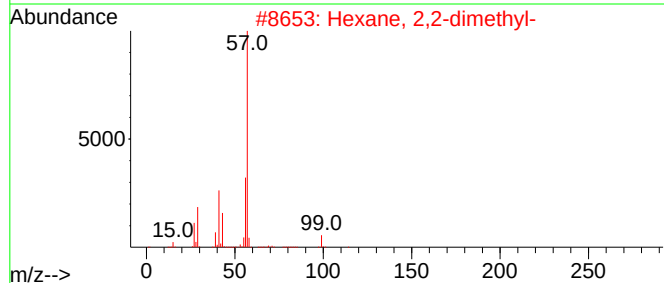
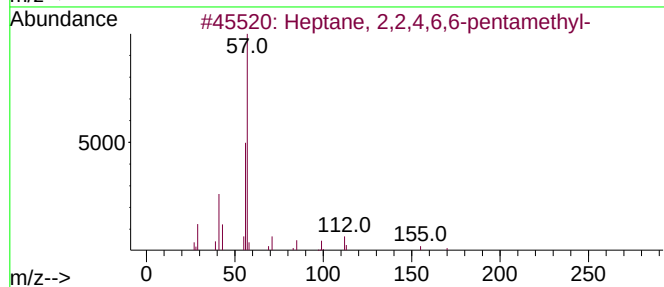
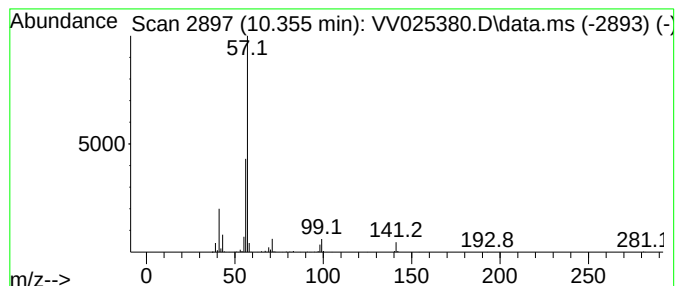
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MSVOA_V
ClientSampleId :
BFY41

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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.355	1.30 ug/L	676930	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
2	Hexane, 2,2-dimethyl-		114	C8H18	000590-73-8	59
3	Pentane, 3-ethyl-2,2-dimethyl-		128	C9H20	016747-32-3	59
4	Hexane, 2,2-dimethyl-		114	C8H18	000590-73-8	59
5	Dodecane, 2,2,11,11-tetramethyl-		226	C16H34	127204-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

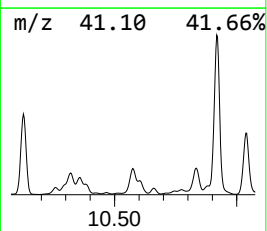
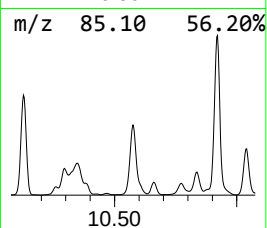
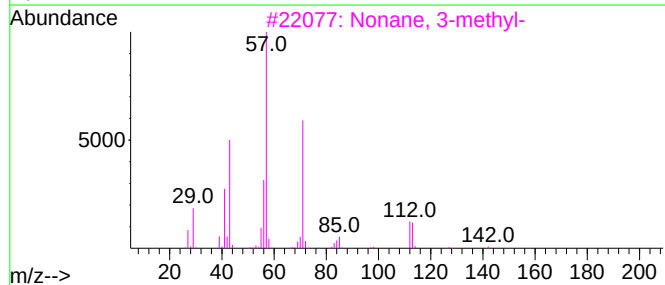
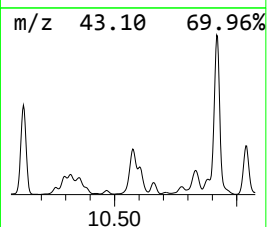
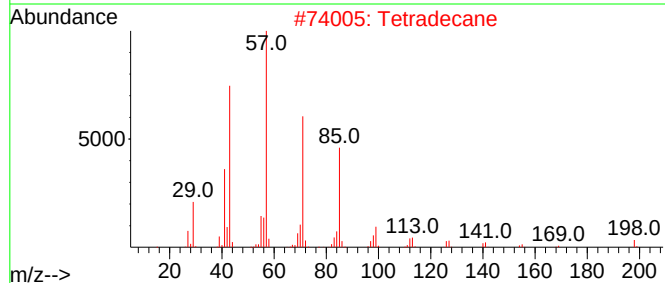
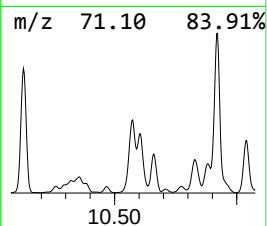
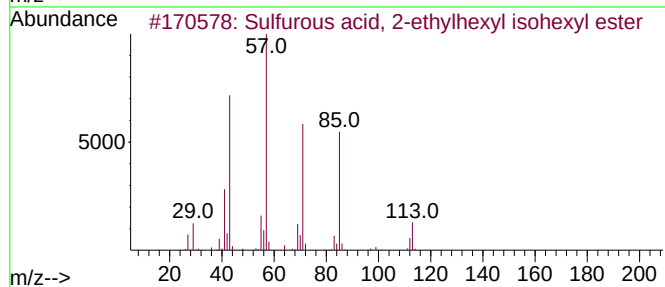
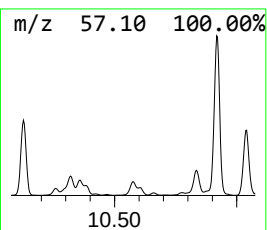
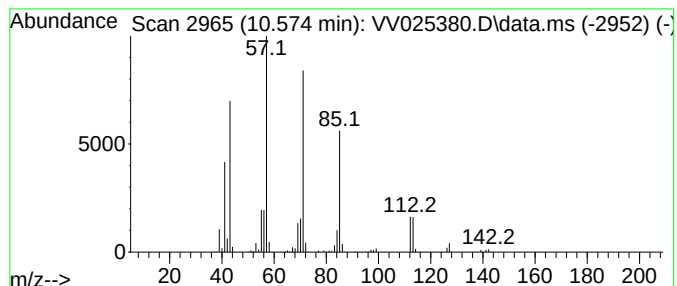
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.574	7.46 ug/L	3898980	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
2			Tetradecane	198	C14H30	000629-59-4	78
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	58
4			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

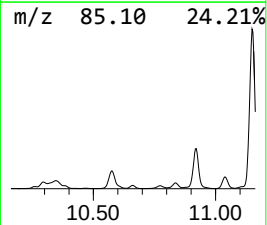
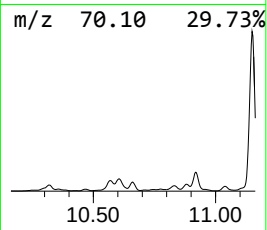
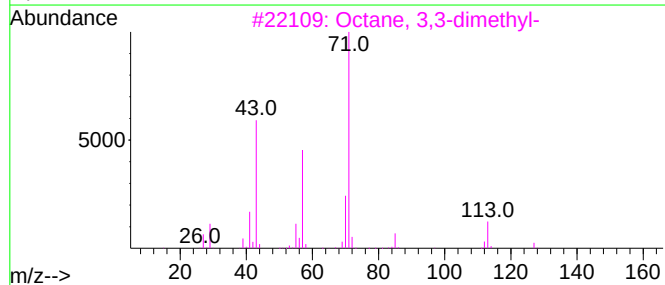
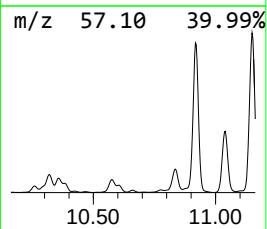
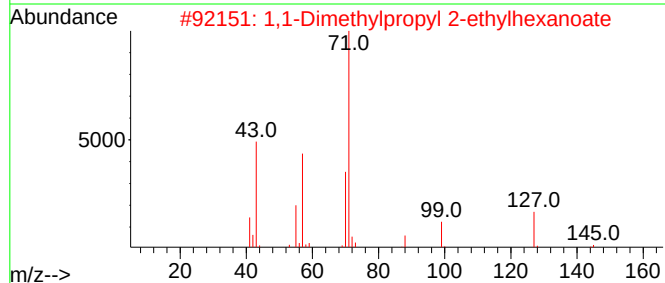
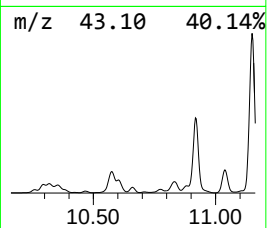
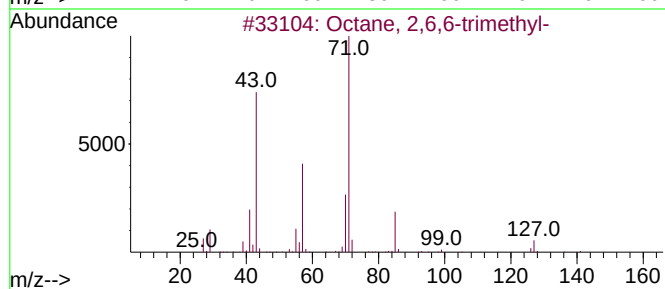
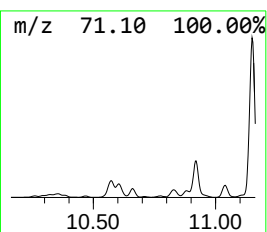
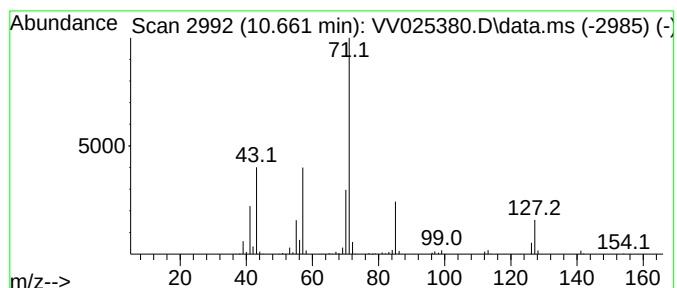
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.661	1.62 ug/L	848867	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6,6-trimethyl-		156	C11H24	054166-32-4	83
2	1,1-Dimethylpropyl 2-ethylhexanoate		214	C13H26O2	1000099-99-2	64
3	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	59
4	Sulfurous acid, decyl 2-pentyl e...		292	C15H32O3S	1000309-15-9	56
5	Sulfurous acid, nonyl 2-pentyl e...		278	C14H30O3S	1010309-15-8	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

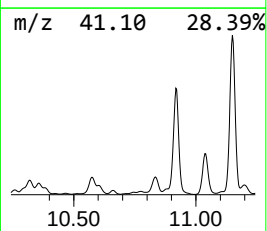
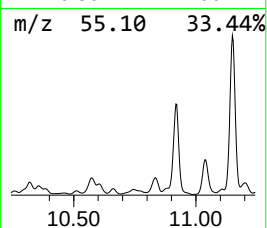
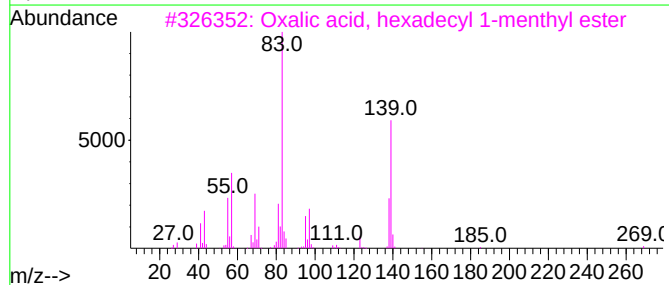
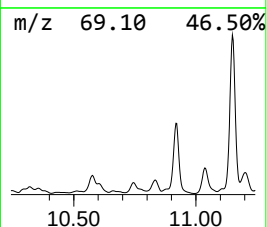
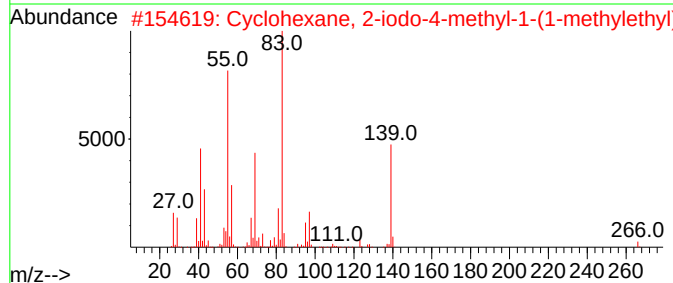
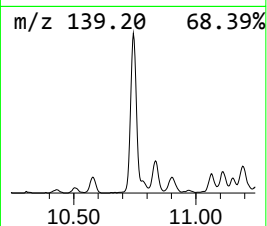
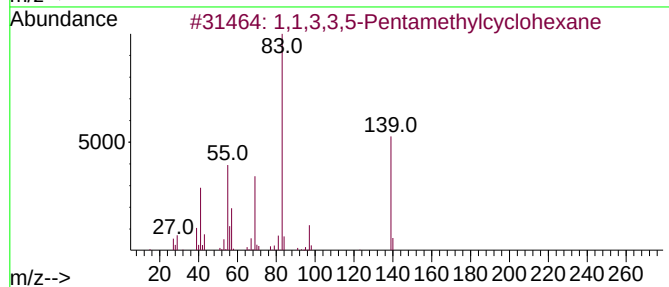
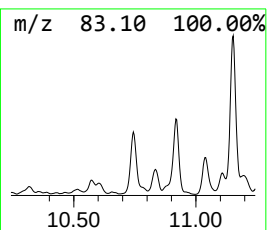
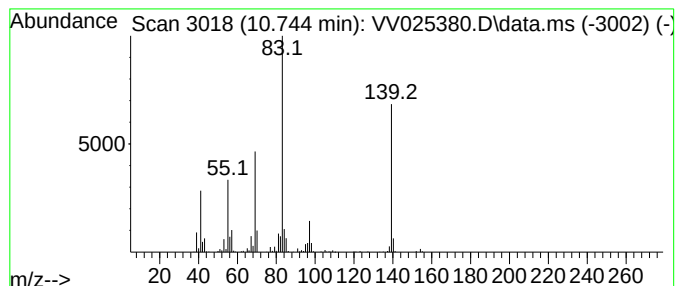
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Cyclic10.744 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.744	1.19 ug/L	624275	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,3,3,5-Pentamethylcyclohexane	154	C11H22	070810-19-4	72
2			Cyclohexane, 2-iodo-4-methyl-1-(...	266	C10H19I	064240-81-9	72
3			Oxalic acid, hexadecyl 1-menthyl...	452	C28H52O4	1000314-98-3	64
4			Oxalic acid, hexyl 1-menthyl ester	312	C18H32O4	1000314-97-4	64
5			Oxalic acid, isohexyl 1-menthyl ...	312	C18H32O4	1000314-98-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

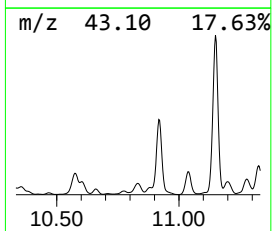
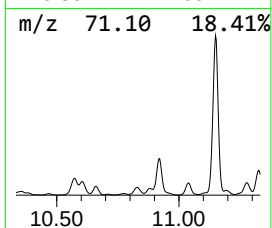
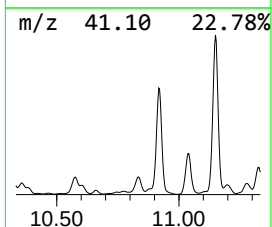
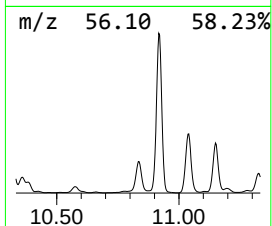
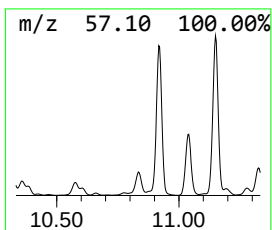
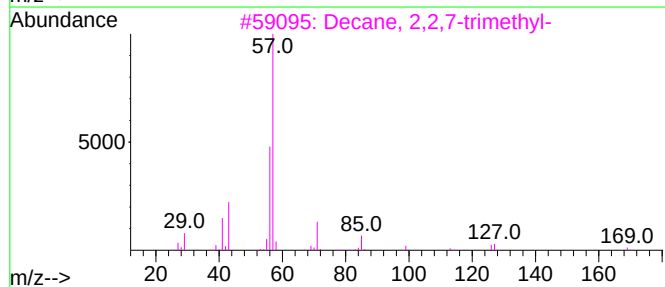
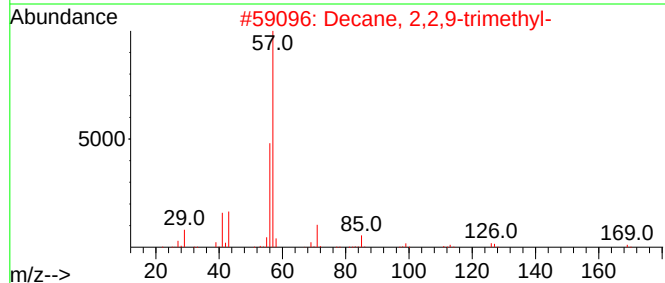
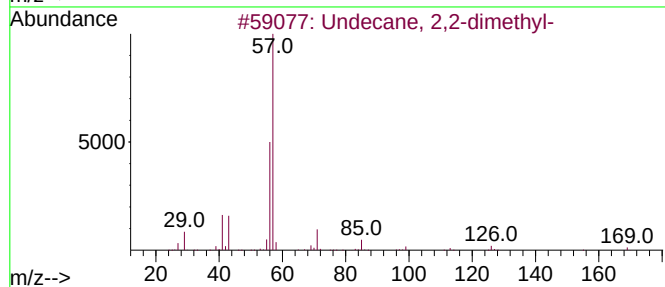
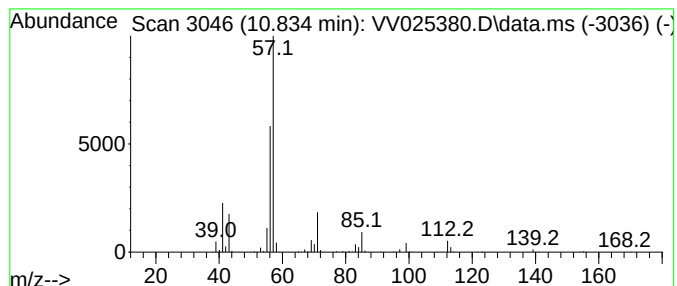
Instrument :
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.834	5.78 ug/L	3021410	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 2,2-dimethyl-		184	C13H28	017312-64-0	72
2	Decane, 2,2,9-trimethyl-		184	C13H28	062238-00-0	72
3	Decane, 2,2,7-trimethyl-		184	C13H28	062237-99-4	72
4	Decane, 2,2,5-trimethyl-		184	C13H28	062237-96-1	72
5	Decane, 2,2,6-trimethyl-		184	C13H28	062237-97-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

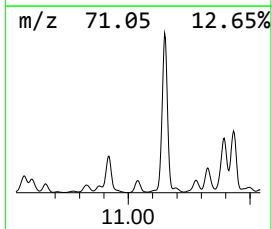
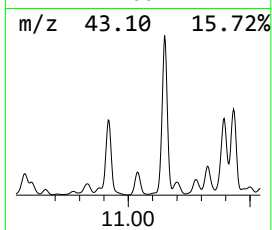
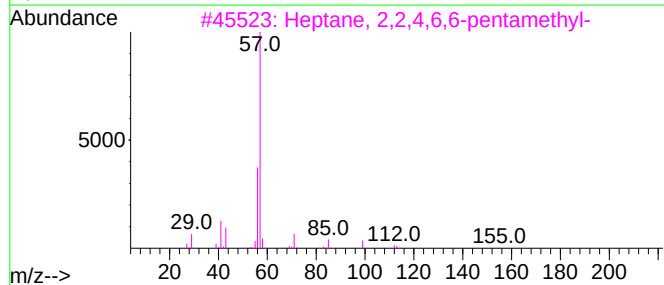
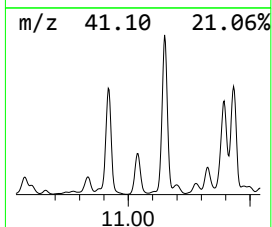
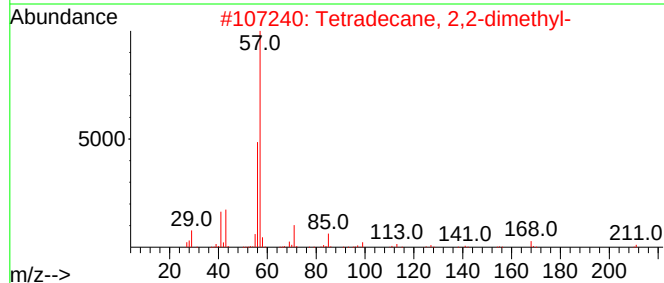
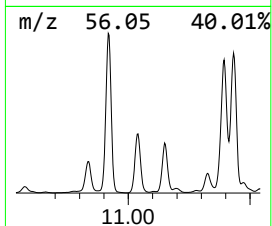
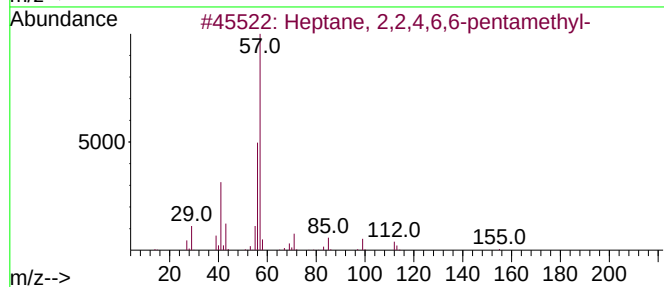
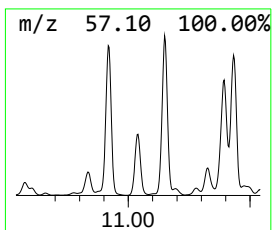
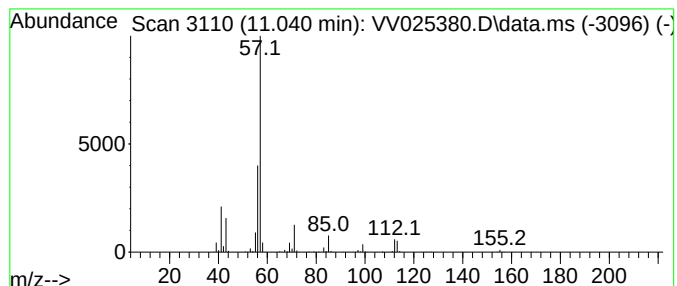
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.040	15.21 ug/L	7949010	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
2	Tetradecane, 2,2-dimethyl-		226	C16H34	059222-86-5	72
3	Heptane, 2,2,4,6,6-pentamethyl-		170	C12H26	013475-82-6	72
4	Decane, 2,2,9-trimethyl-		184	C13H28	062238-00-0	64
5	Pentane, 2,2,3,4-tetramethyl-		128	C9H20	001186-53-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

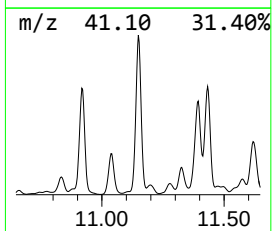
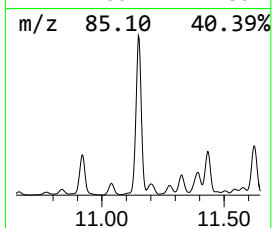
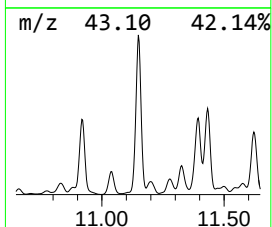
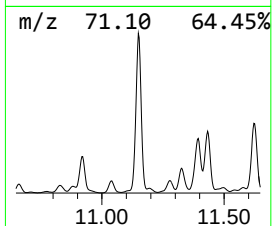
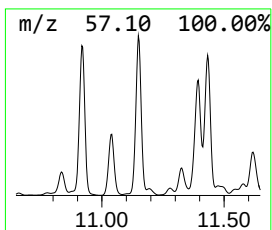
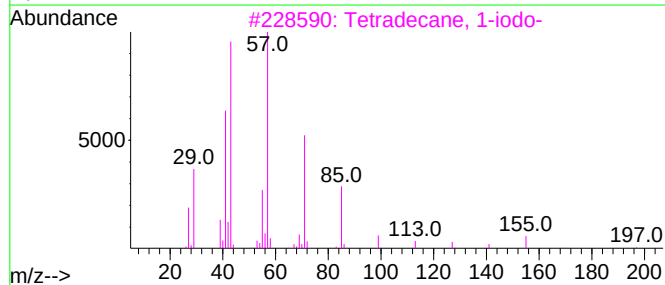
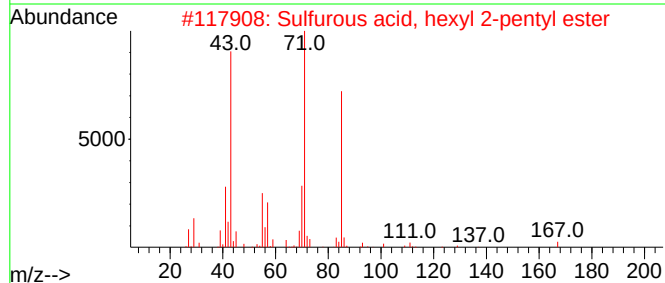
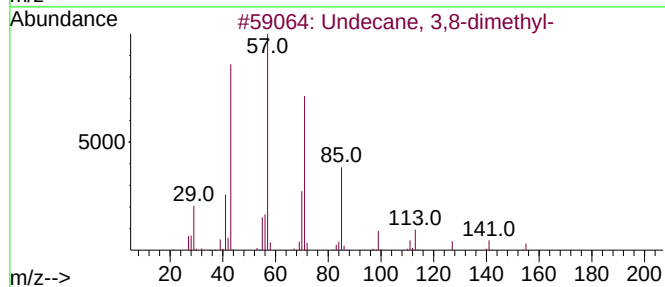
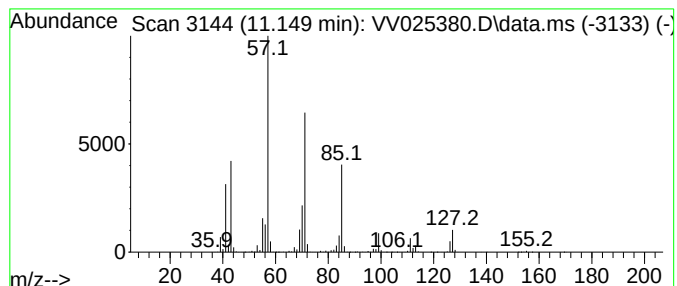
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	60.03 ug/L	31375900	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
2			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
4			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

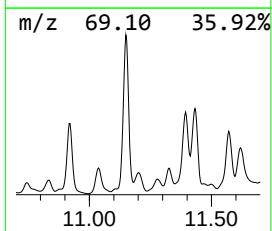
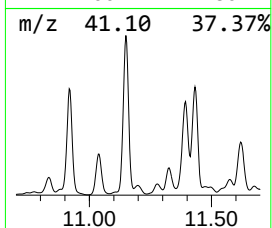
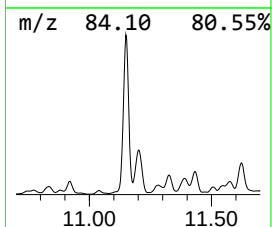
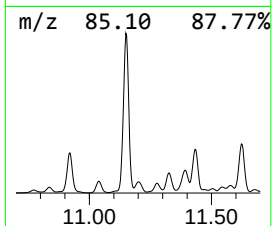
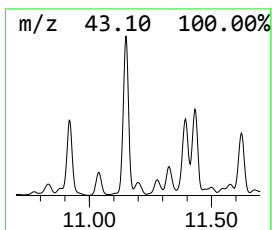
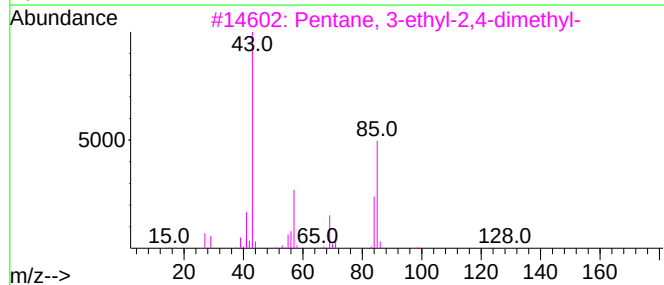
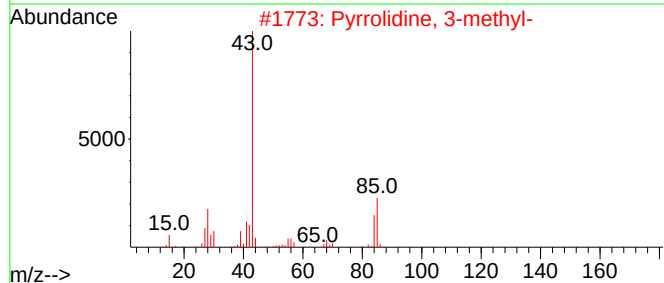
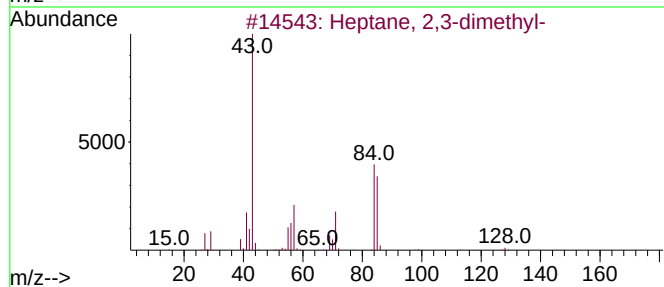
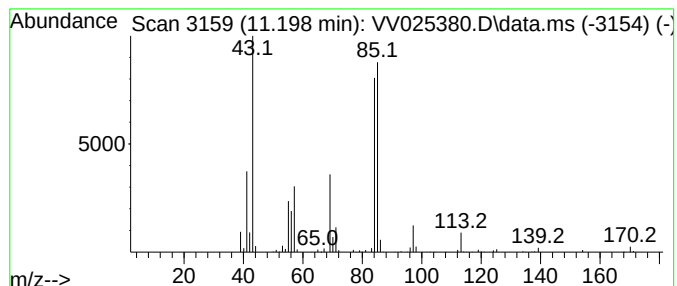
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.198	3.45 ug/L	1802250	1,4-Dichlorobenzene-d4		11.249	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-		128	C9H20	003074-71-3	56
2	Pyrrolidine, 3-methyl-		85	C5H11N	034375-89-8	56
3	Pentane, 3-ethyl-2,4-dimethyl-		128	C9H20	001068-87-7	50
4	Heptane, 3,4,5-trimethyl-		142	C10H22	020278-89-1	50
5	Heptane, 4,4-dimethyl-		128	C9H20	001068-19-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

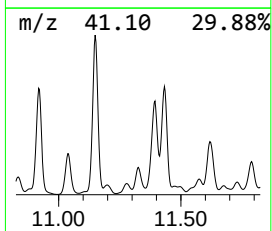
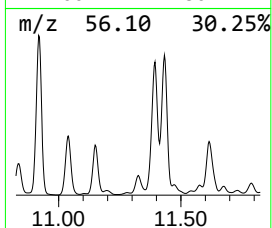
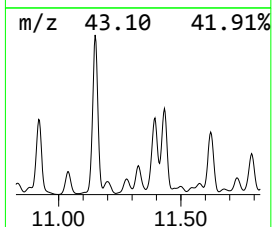
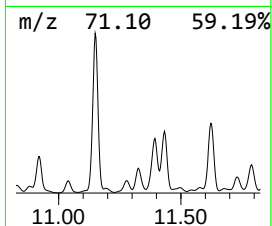
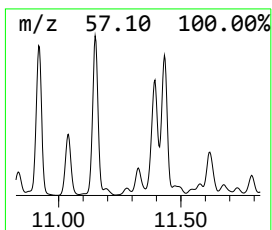
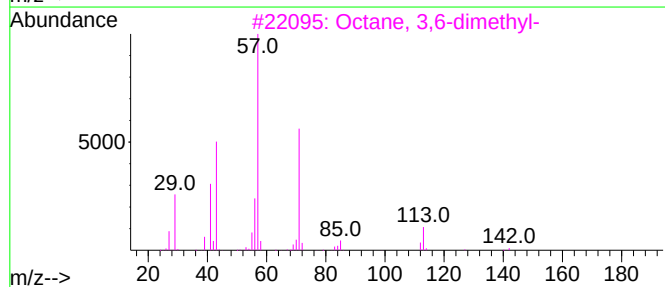
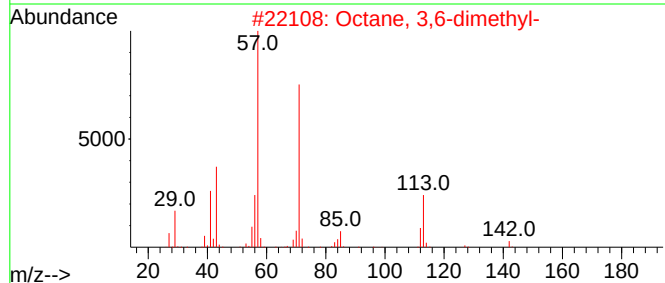
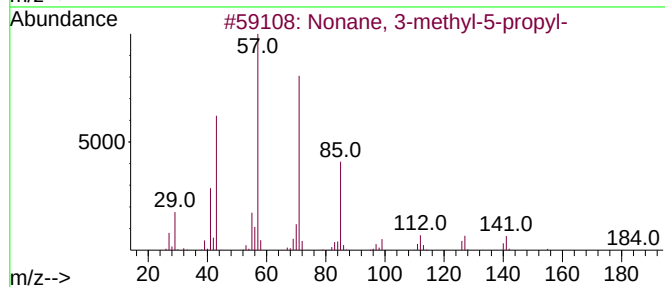
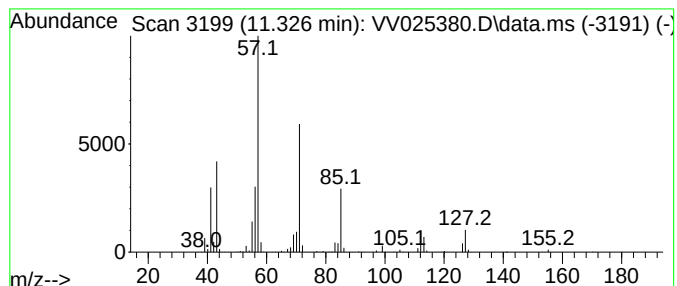
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.326	8.22 ug/L	4299180	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

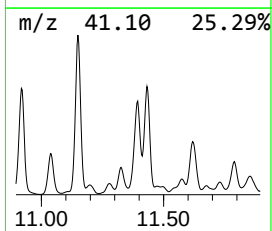
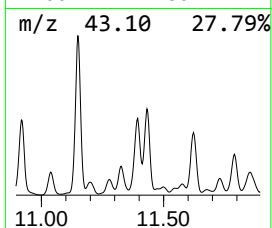
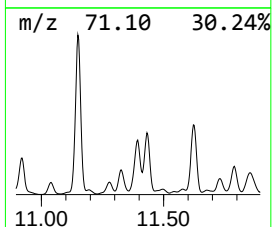
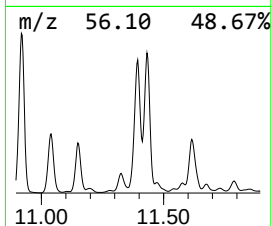
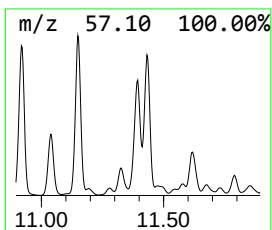
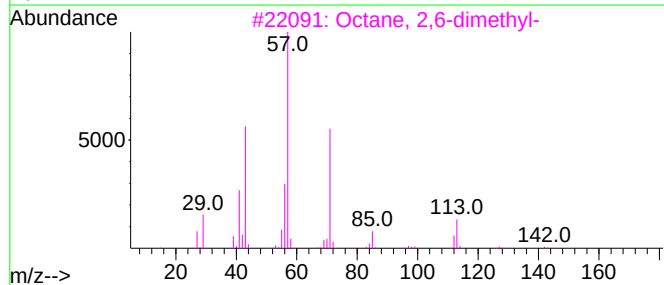
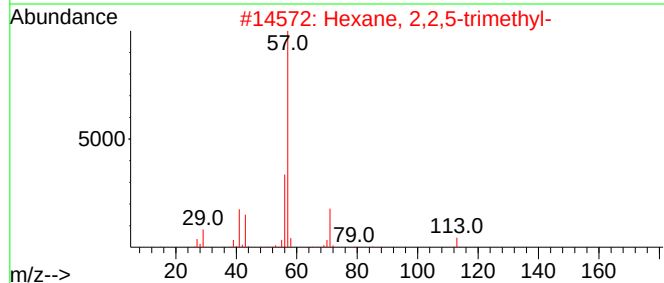
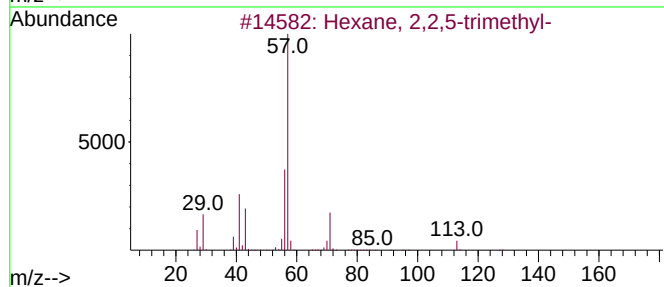
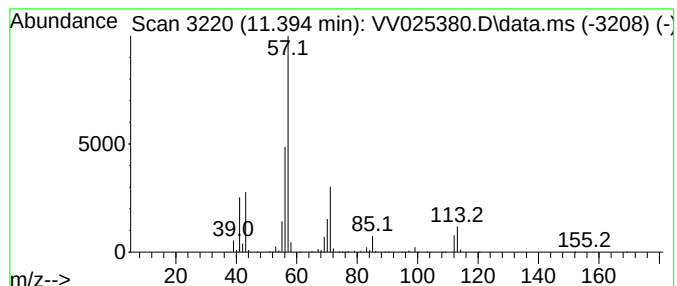
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.394	36.02 ug/L	18829800	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

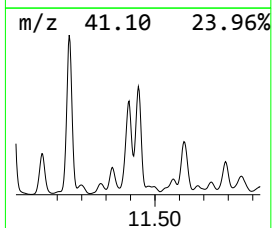
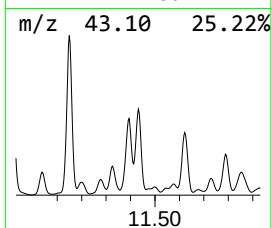
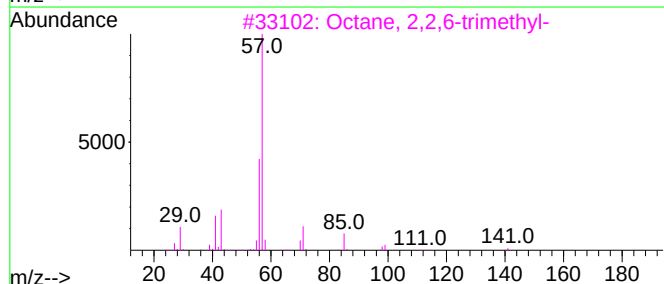
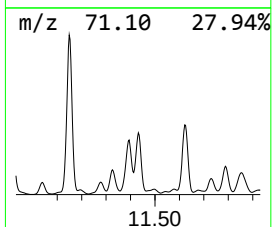
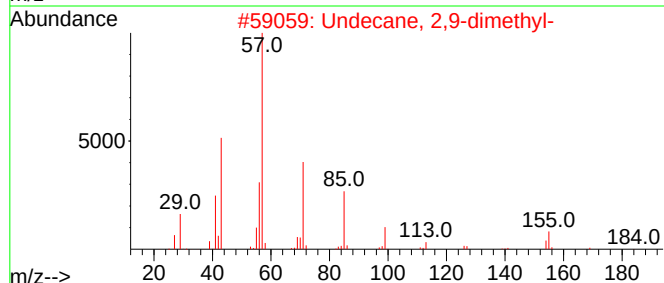
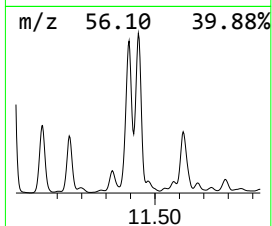
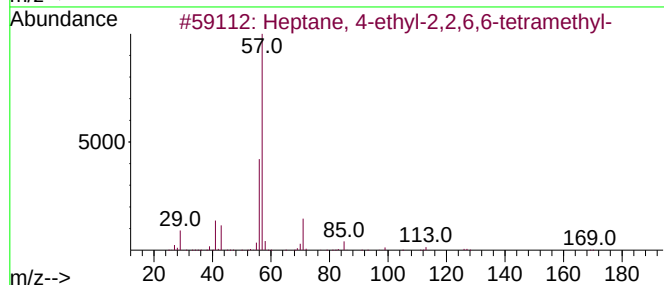
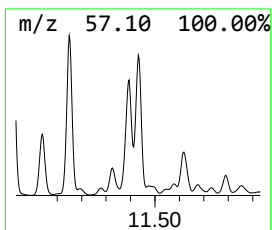
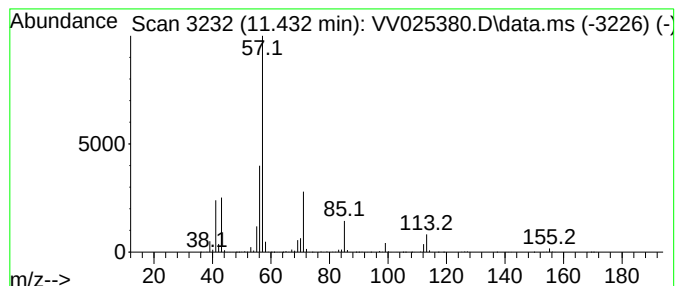
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.432	36.00 ug/L	18817800	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...		184	C13H28	062108-31-0	72
2	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	72
3	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	59
4	Hexane, 2,2,5-trimethyl-		128	C9H20	003522-94-9	59
5	Octane, 2,2,6-trimethyl-		156	C11H24	062016-28-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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

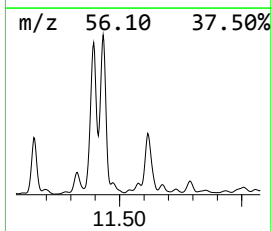
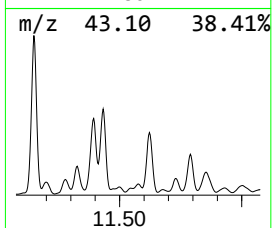
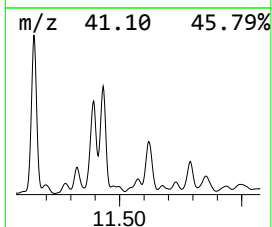
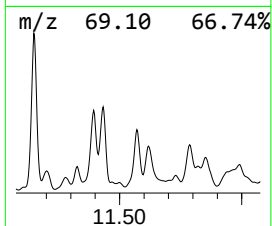
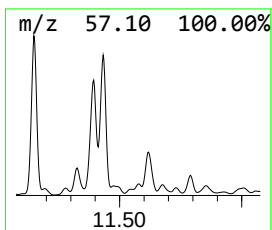
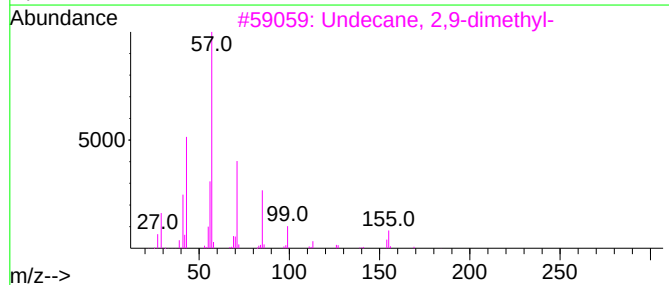
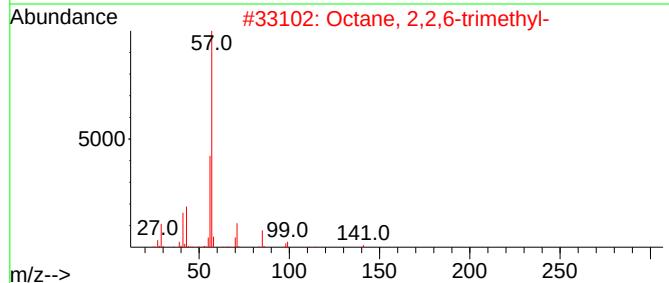
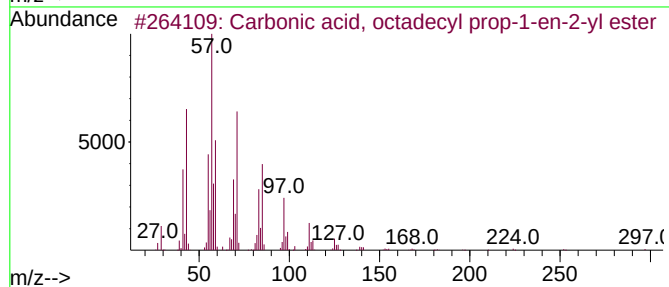
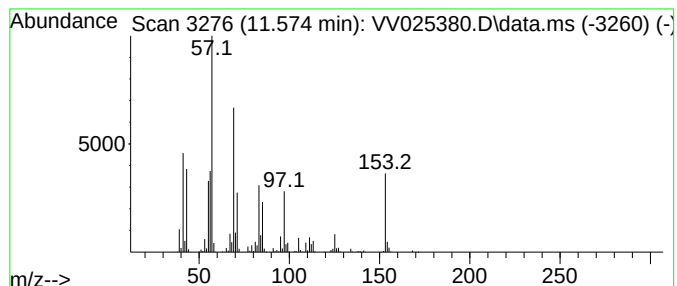
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TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01

Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	6.68 ug/L	3489510	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38
2			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	38
3			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	35
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
5			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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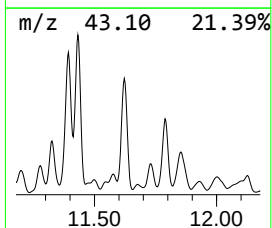
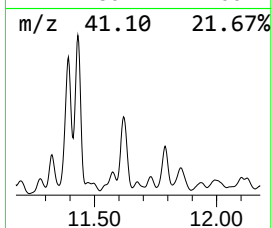
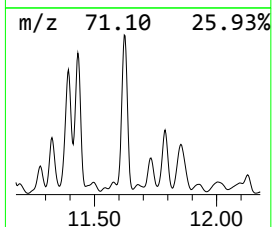
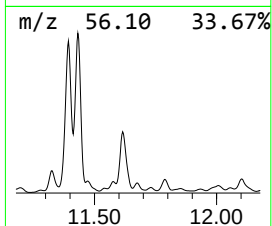
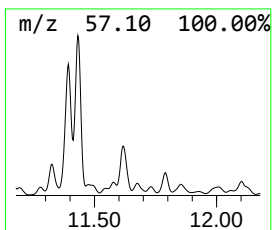
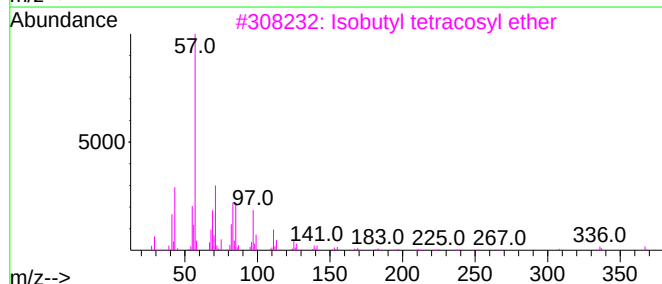
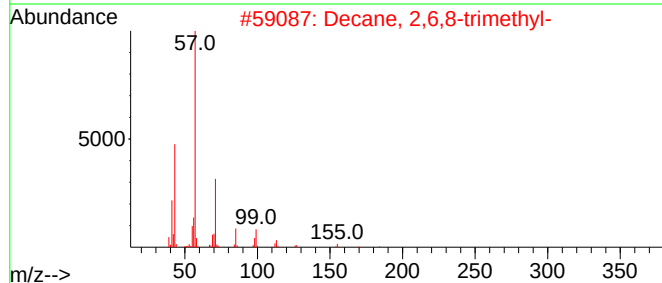
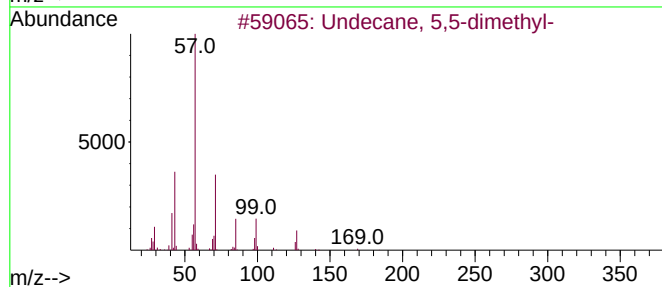
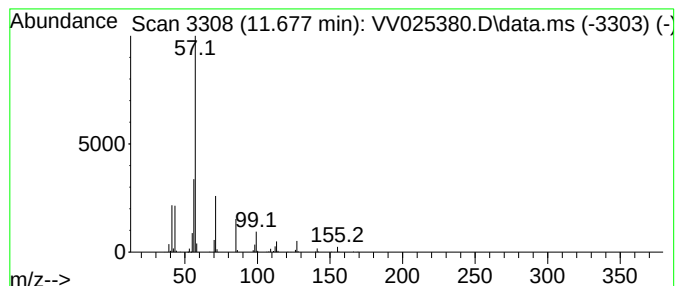
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.677	1.79 ug/L	937259	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
3			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	59
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
5			2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

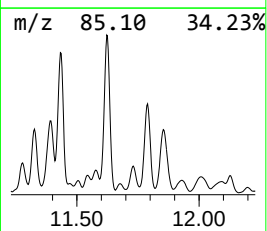
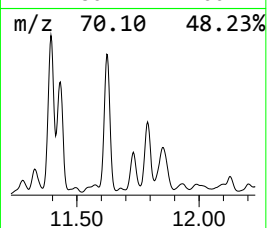
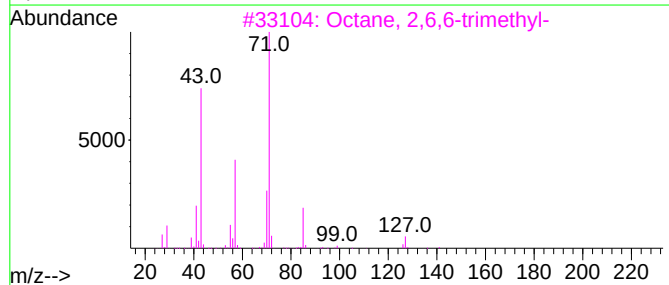
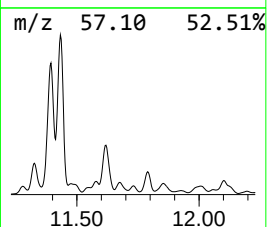
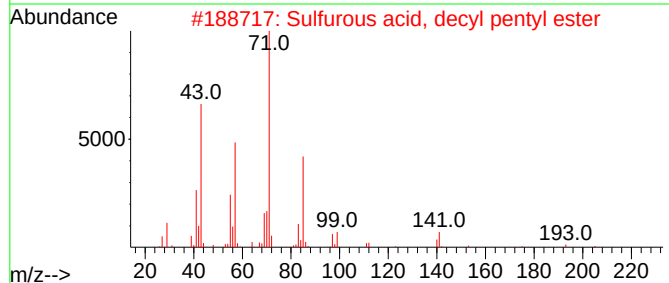
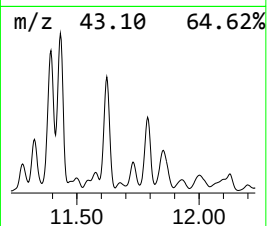
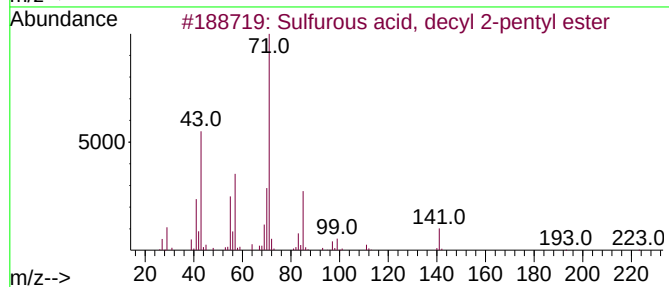
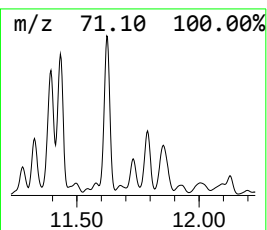
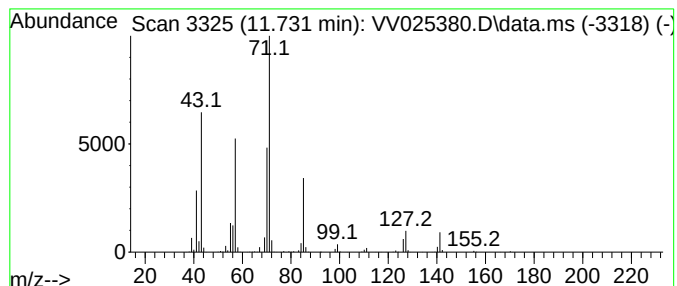
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MSVOA_V
ClientSampleId :
BFY41

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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 Sulfurous acid, decyl 2-pen... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.731	3.69 ug/L	1928590	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-pentyl e...		292	C15H32O3S	1000309-15-9	59
2	Sulfurous acid, decyl pentyl ester		292	C15H32O3S	1000309-14-3	53
3	Octane, 2,6,6-trimethyl-		156	C11H24	054166-32-4	53
4	2-Butene, 1-butoxy-3-methyl-		142	C9H18O	022094-02-6	50
5	Pentane, 3,3-dimethyl-		100	C7H16	000562-49-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

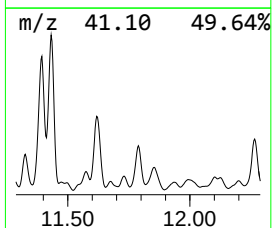
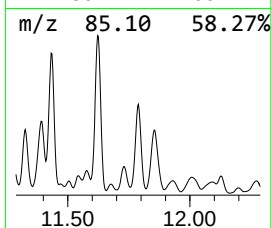
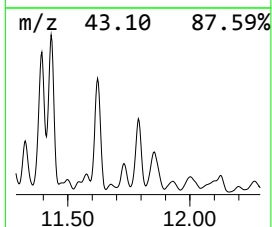
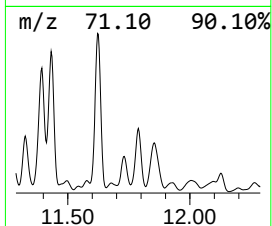
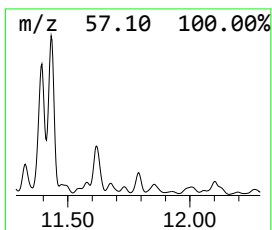
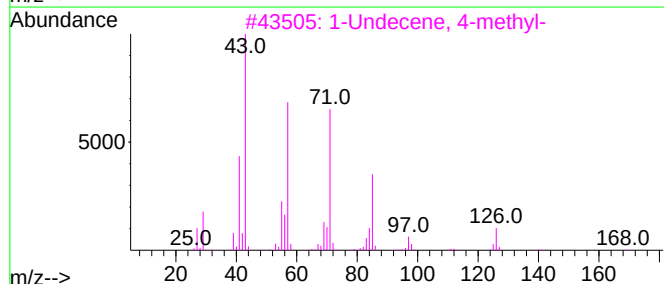
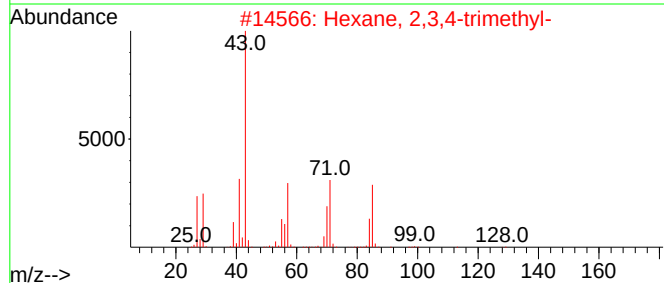
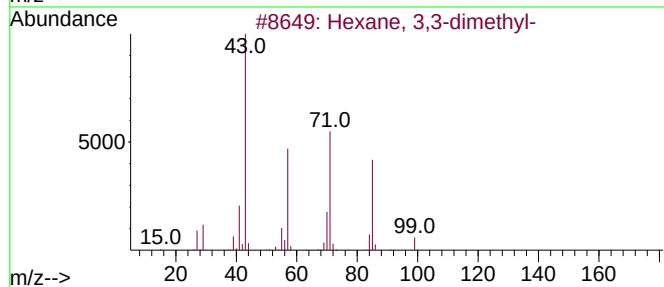
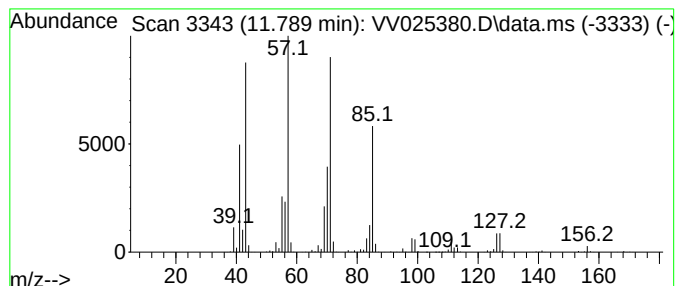
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.789	11.68 ug/L	6105450	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	80
2	Hexane, 2,3,4-trimethyl-		128	C9H20	000921-47-1	72
3	1-Undecene, 4-methyl-		168	C12H24	074630-39-0	72
4	Octane, 6-ethyl-2-methyl-		156	C11H24	062016-19-7	59
5	Nonane, 2,6-dimethyl-		156	C11H24	017302-28-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

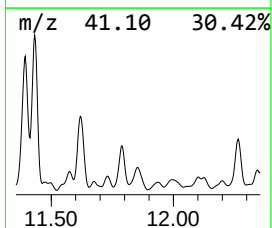
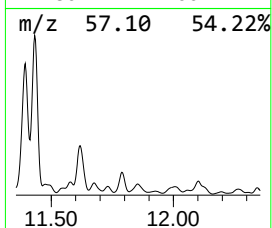
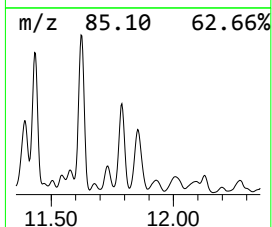
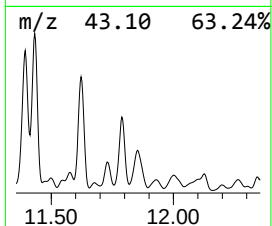
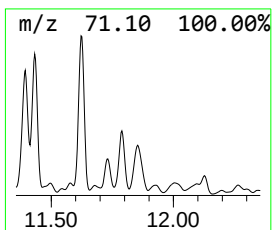
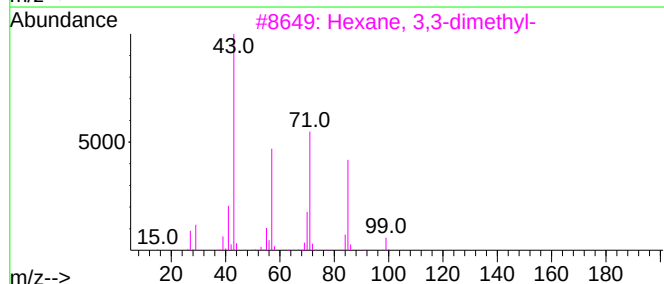
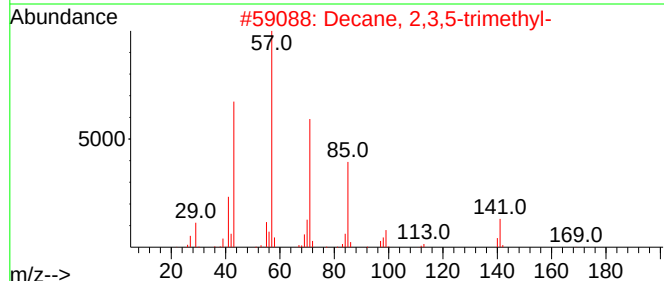
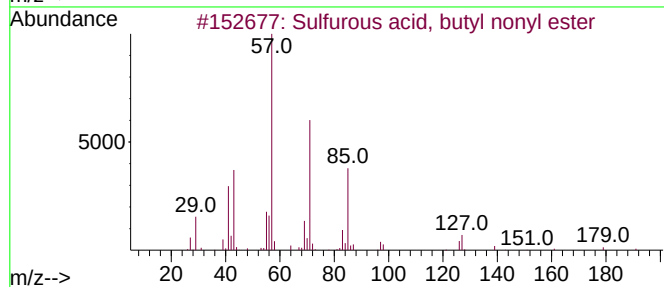
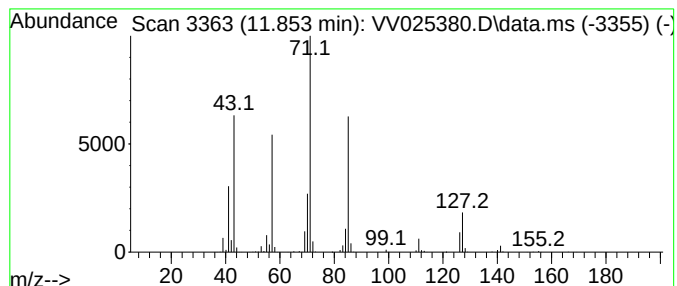
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 Sulfurous acid, butyl nonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.854	8.71 ug/L	4551150	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester		264	C13H28O3S	1000309-17-6	72
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64
3	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	56
4	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	56
5	Octane, 2,6,6-trimethyl-		156	C11H24	054166-32-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

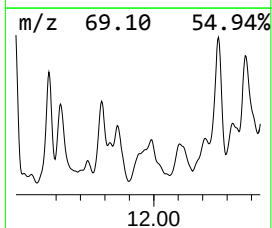
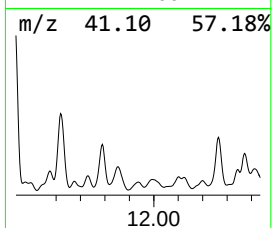
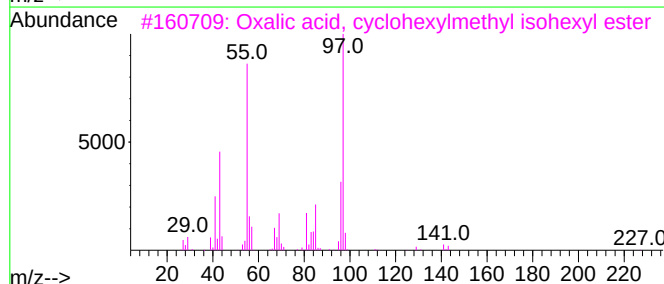
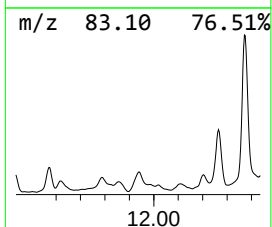
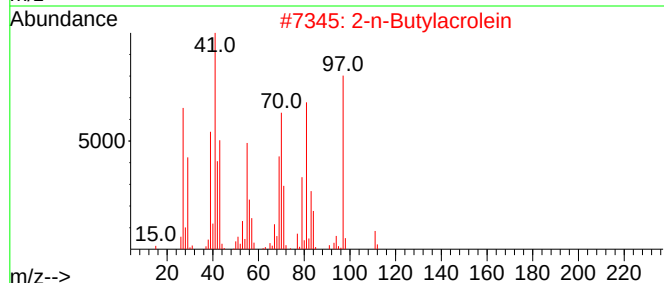
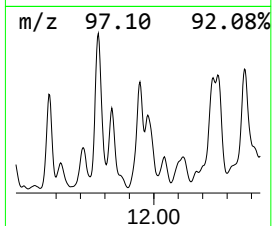
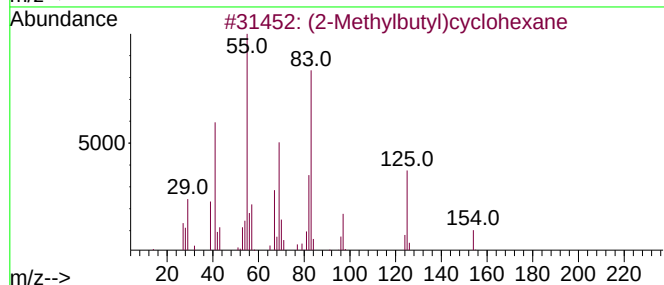
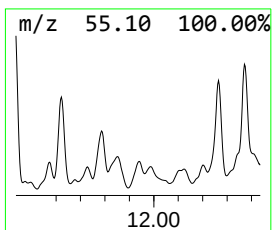
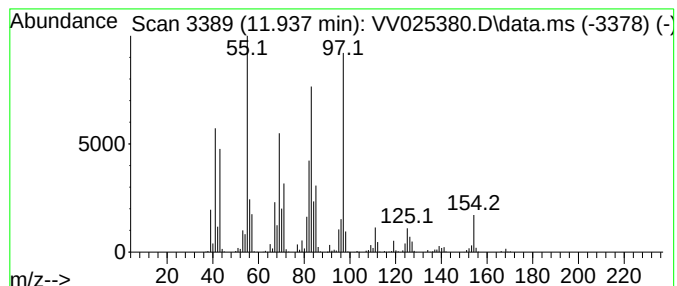
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 (DEL) Alkane: Cyclic11.937 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.937	3.09 ug/L	1617570	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	43
2			2-n-Butylacrolein	112	C7H12O	001070-66-2	38
3			Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
5			2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

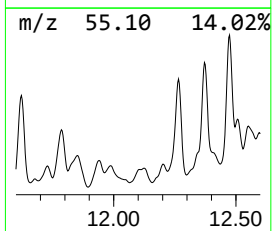
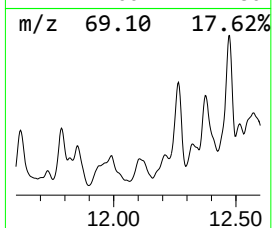
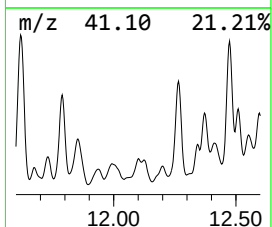
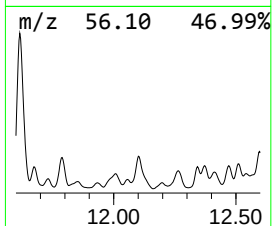
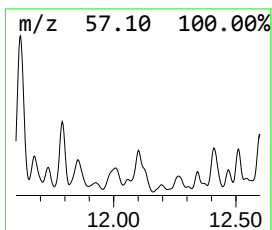
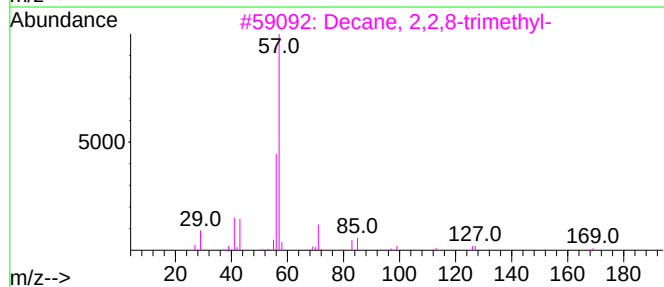
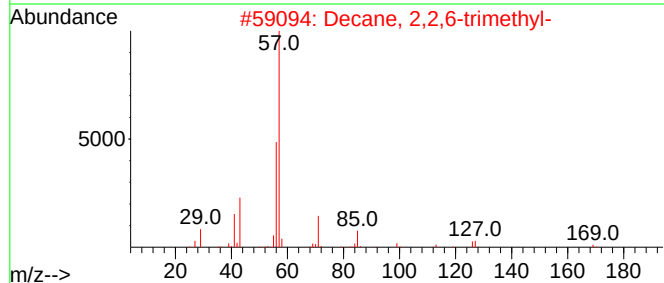
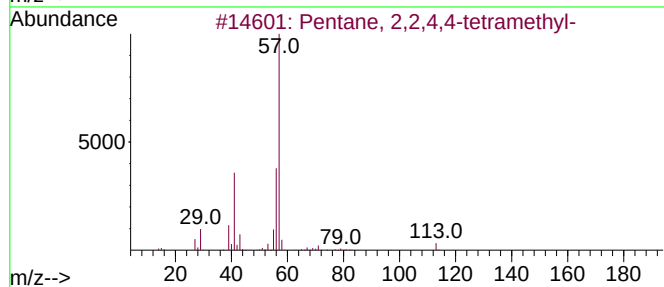
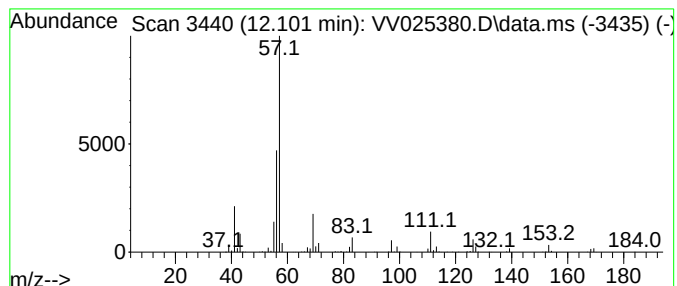
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.101	1.30 ug/L	678501	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4,4-tetramethyl-		128	C9H20	001070-87-7	47
2	Decane, 2,2,6-trimethyl-		184	C13H28	062237-97-2	40
3	Decane, 2,2,8-trimethyl-		184	C13H28	062238-01-1	40
4	Decane, 2,2,5-trimethyl-		184	C13H28	062237-96-1	40
5	Decane, 2,2,4-trimethyl-		184	C13H28	062237-98-3	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

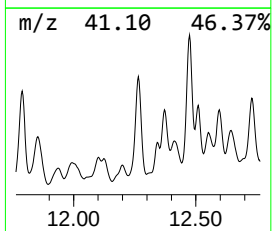
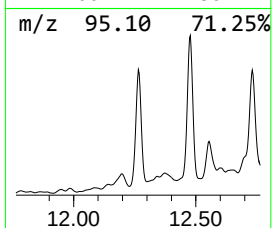
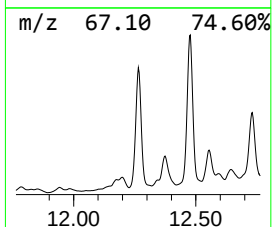
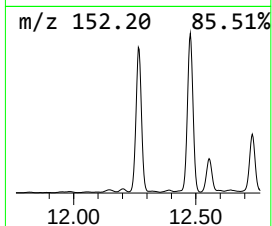
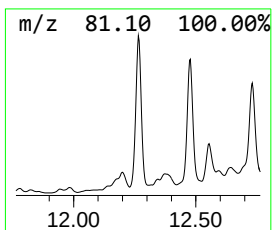
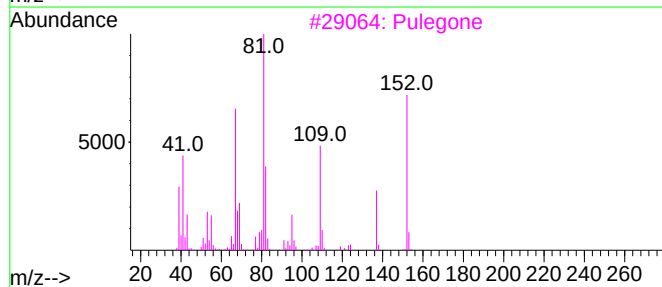
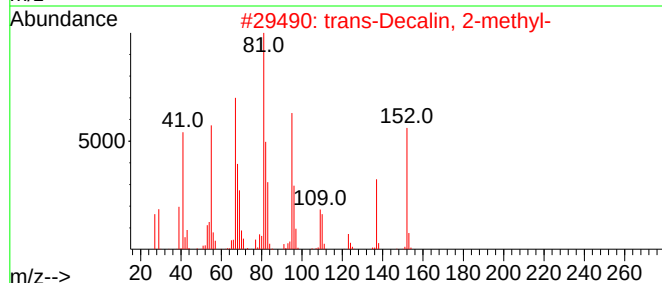
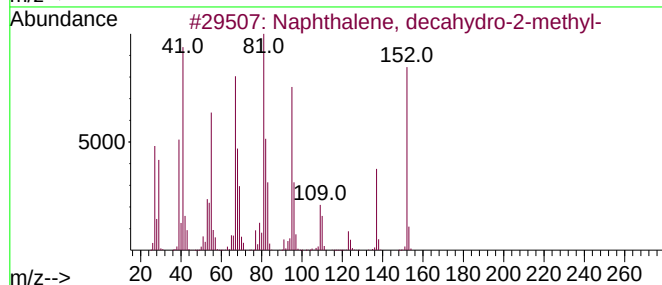
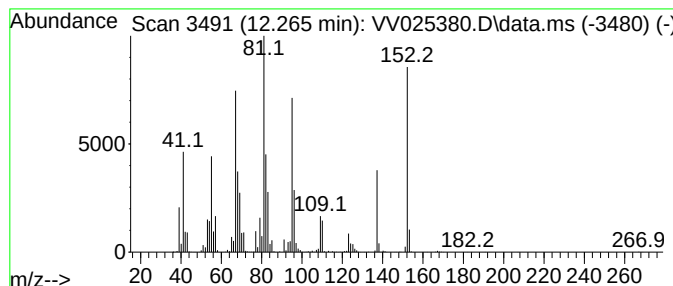
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.265	18.32 ug/L	9577760	1,4-Dichlorobenzene-d4			11.249
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3		Pulegone	152	C10H16O	000089-82-7	87
4		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	87
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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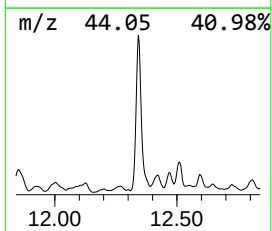
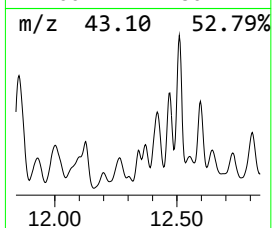
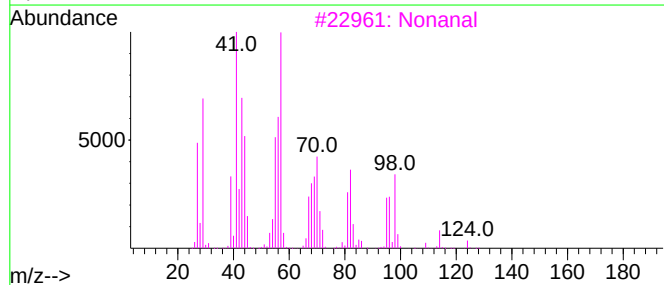
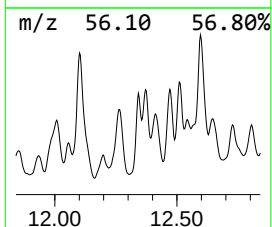
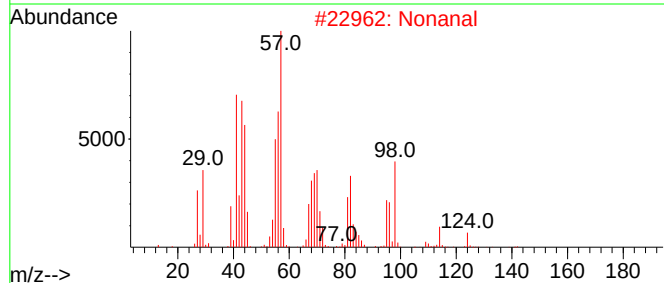
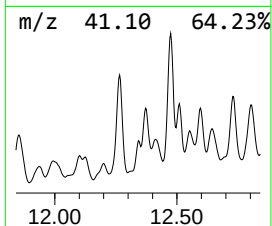
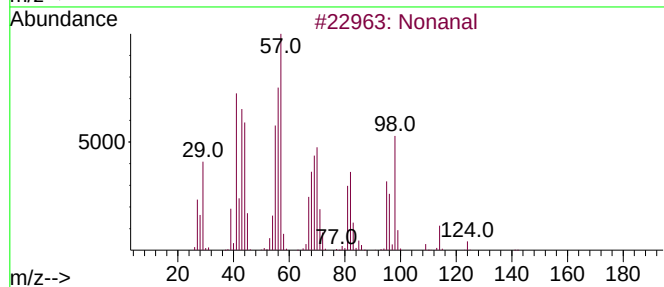
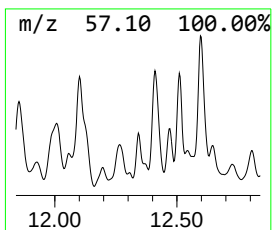
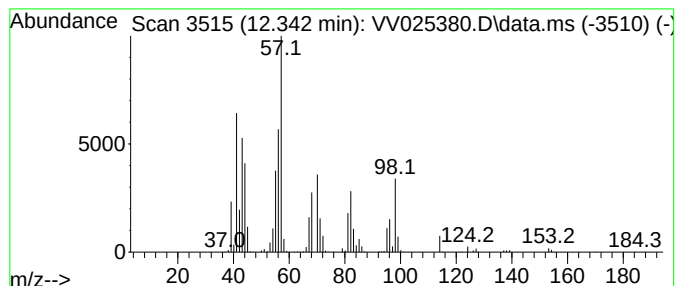
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Nonanal Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	1.72 ug/L	901109	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	87
2			Nonanal	142	C9H18O	000124-19-6	53
3			Nonanal	142	C9H18O	000124-19-6	50
4			Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38
5			Dodecanal	184	C12H24O	000112-54-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

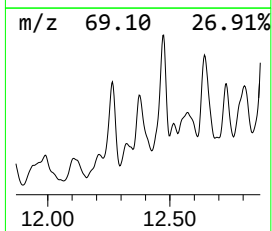
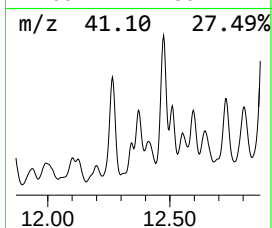
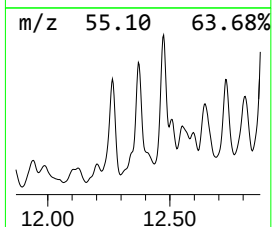
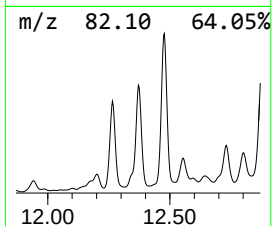
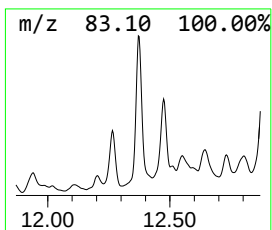
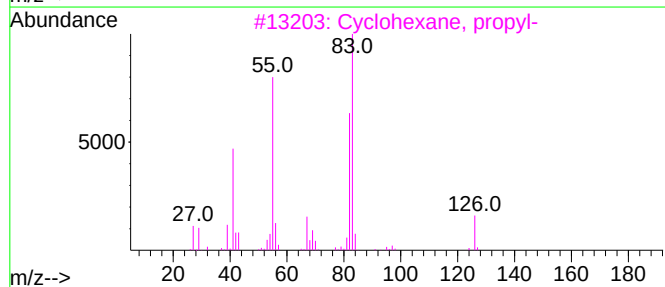
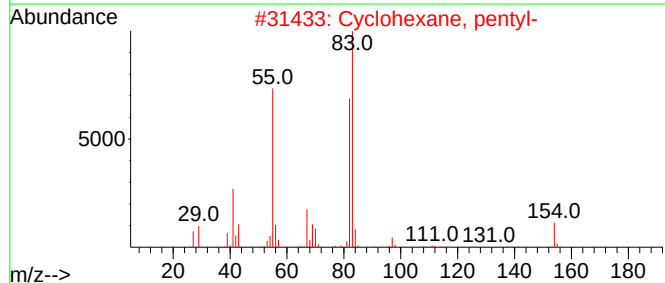
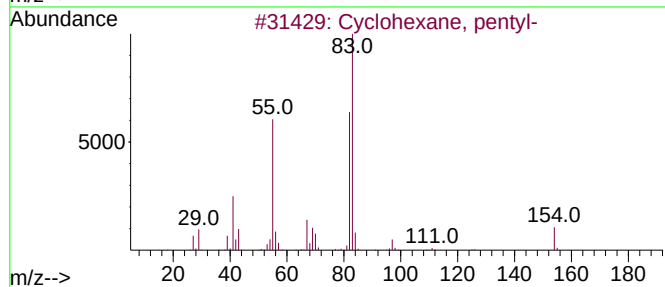
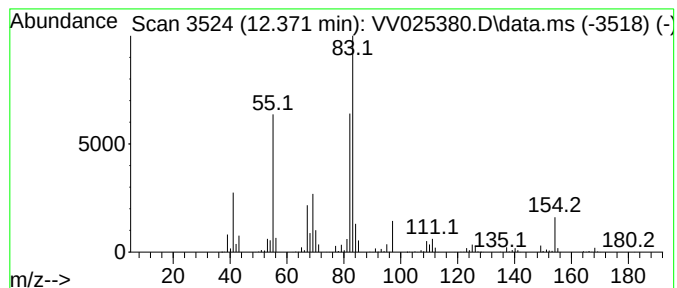
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 (DEL) Alkane: Cyclic12.371 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.371	6.30 ug/L	3292920	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

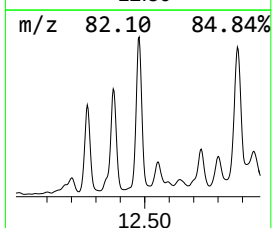
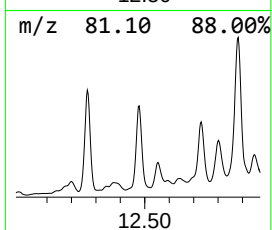
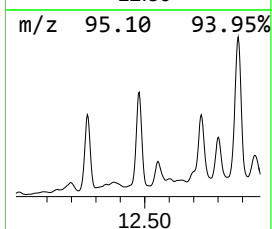
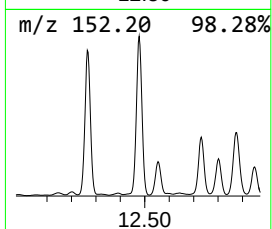
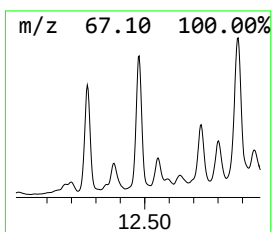
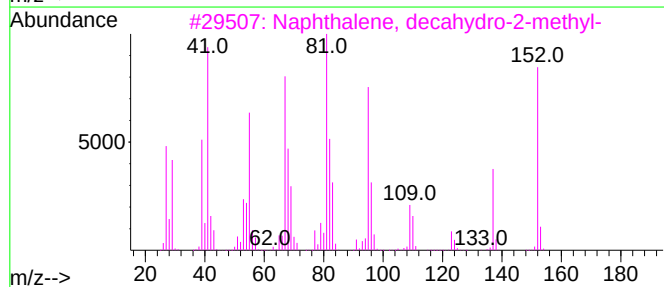
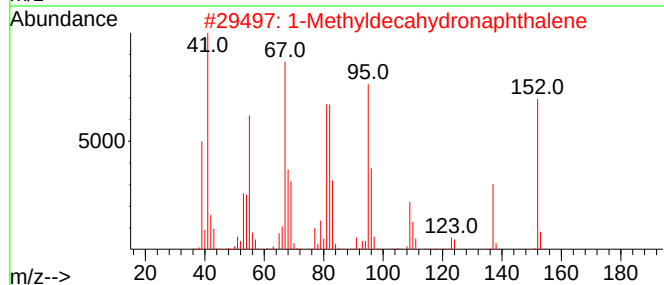
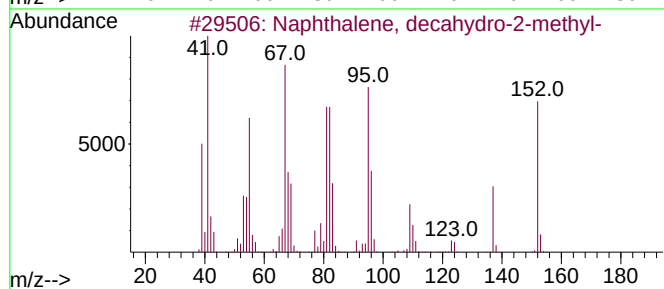
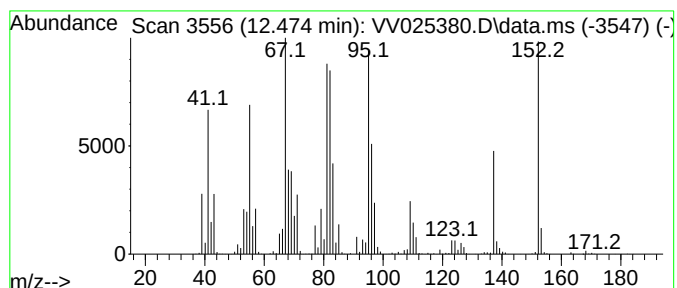
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ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 1-Methyldecahydronaphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.474	23.76 ug/L	12417900	1,4-Dichlorobenzene-d4	11.249	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

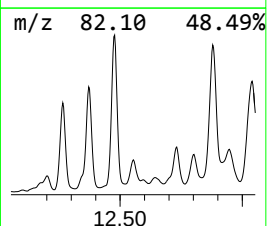
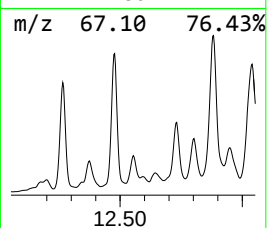
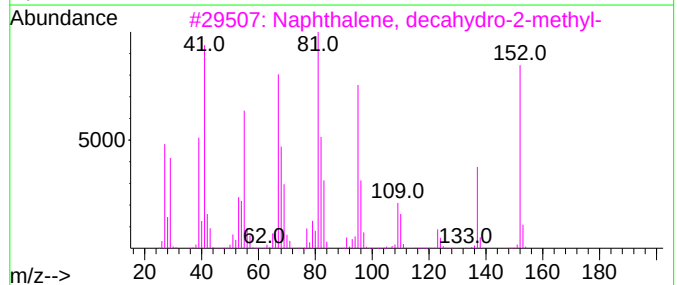
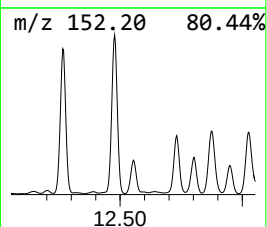
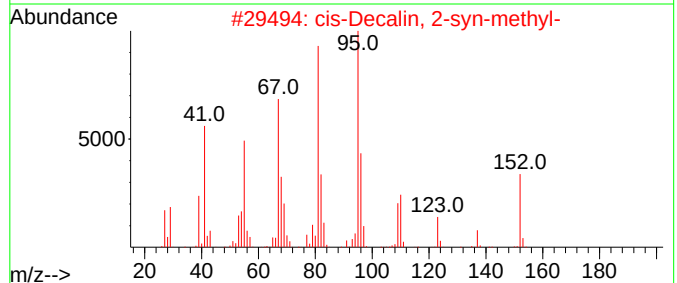
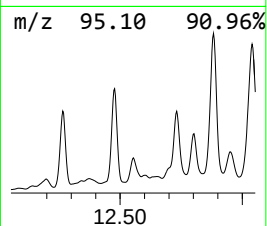
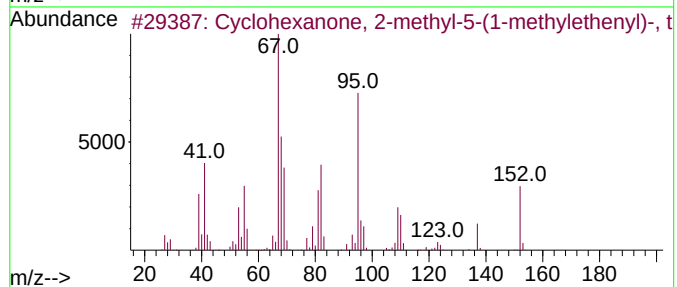
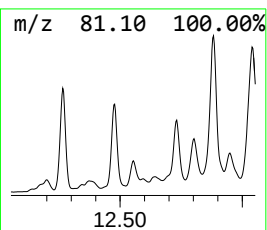
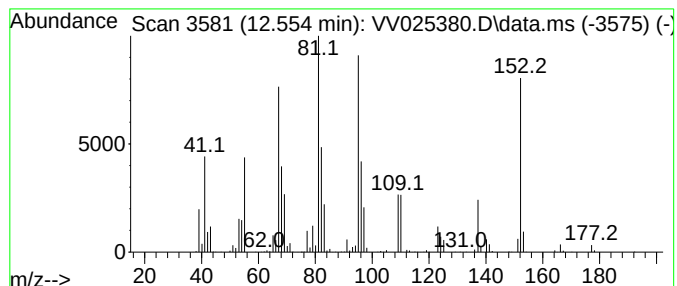
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Cyclohexanone, 2-methyl-5-(... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.554	3.63 ug/L	1897730	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-methyl-5-(1-met...		152	C10H16O	005948-04-9	94
2	cis-Decalin, 2-syn-methyl-		152	C11H20	1000155-85-6	93
3	Naphthalene, decahydro-2-methyl-		152	C11H20	002958-76-1	93
4	Cyclohexanone, 2-methyl-5-(1-met...		152	C10H16O	005948-04-9	90
5	trans-Decalin, 2-methyl-		152	C11H20	1000152-47-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

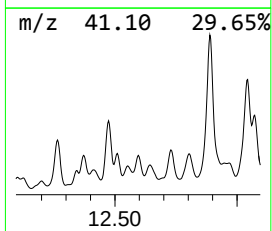
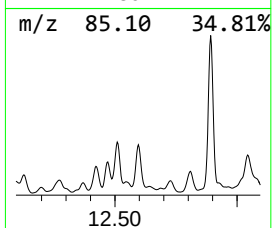
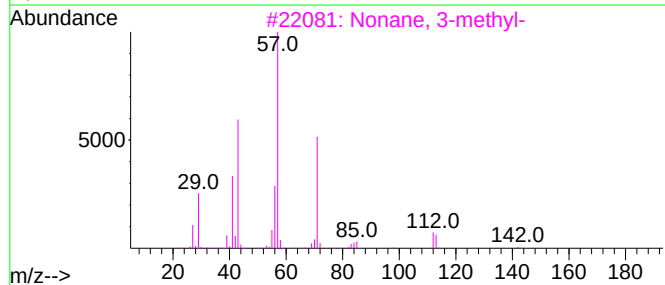
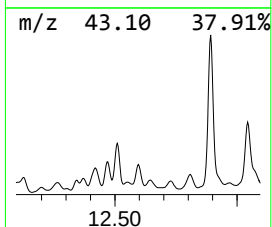
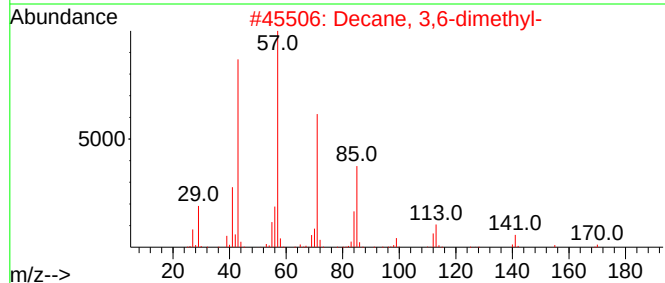
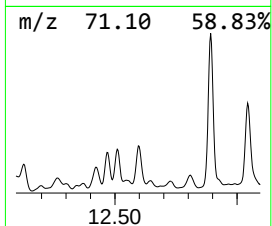
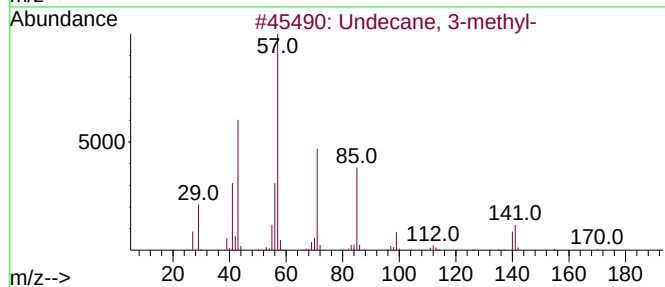
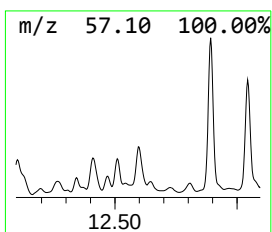
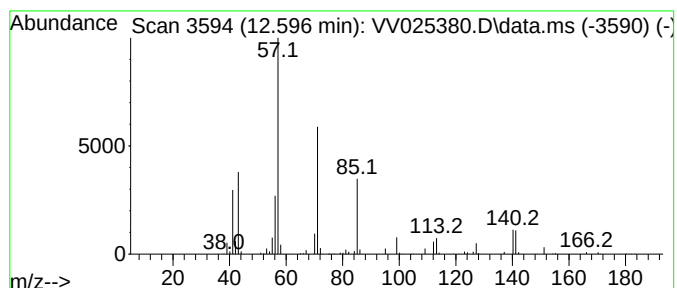
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.596	4.09 ug/L	2136850	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	86
2	Decane, 3,6-dimethyl-		170	C12H26	017312-53-7	64
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	58
4	Heptacosane		380	C27H56	000593-49-7	53
5	Decane, 1-bromo-2-methyl-		234	C11H23Br	127839-47-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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

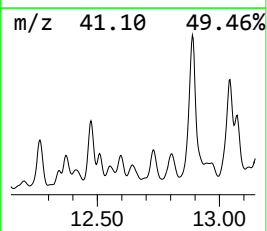
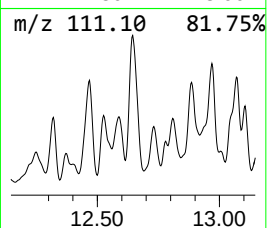
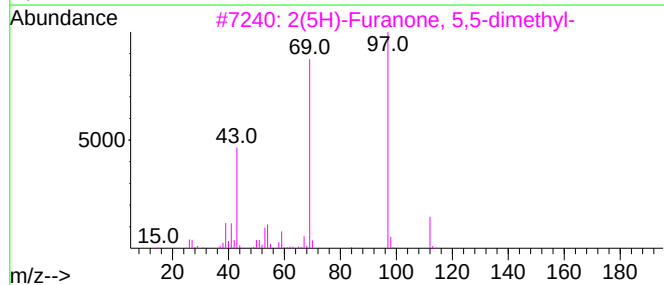
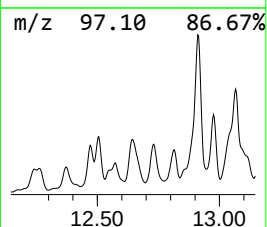
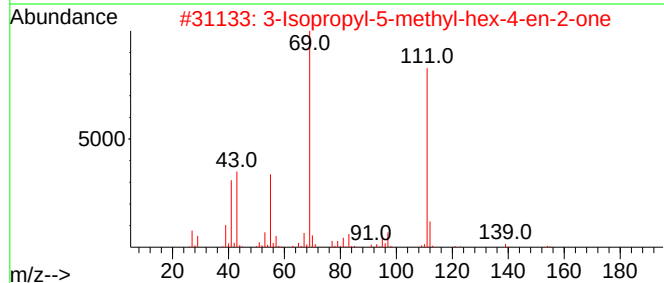
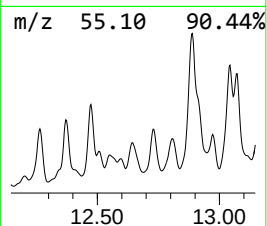
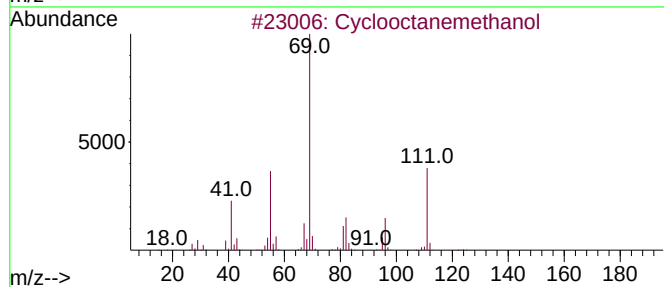
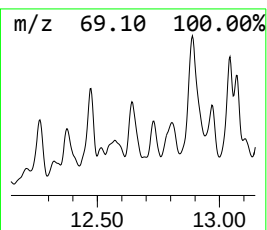
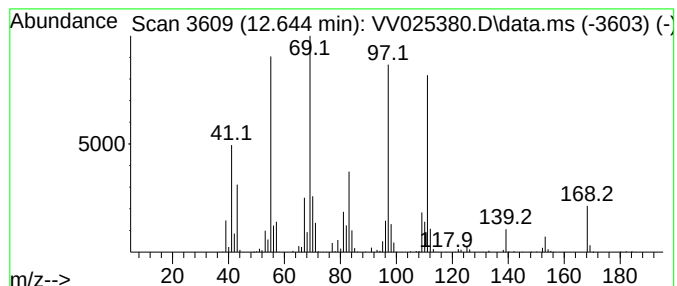
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-02

Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	5.16 ug/L	2698920	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctanemethanol	142	C9H18O	003637-63-6	43
2			3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43
3			2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	43
4			Cyclohexane, 1-ethyl-1,4-dimethyl...	140	C10H20	062238-32-8	43
5			2-Butyn-1-ol diethyl acetal	142	C8H14O2	002806-97-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

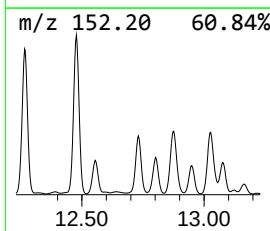
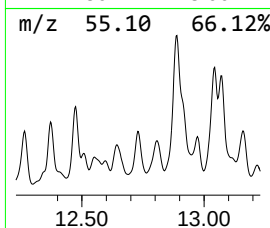
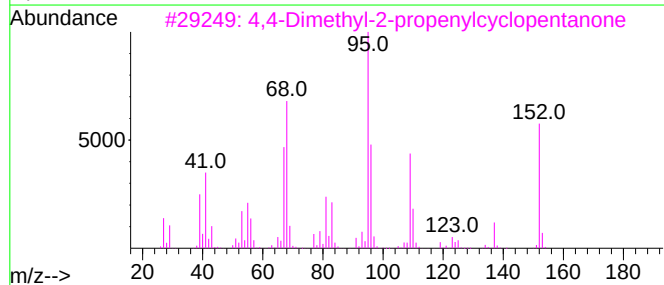
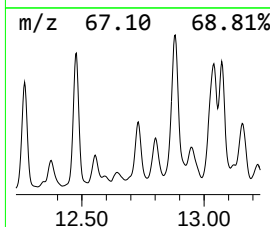
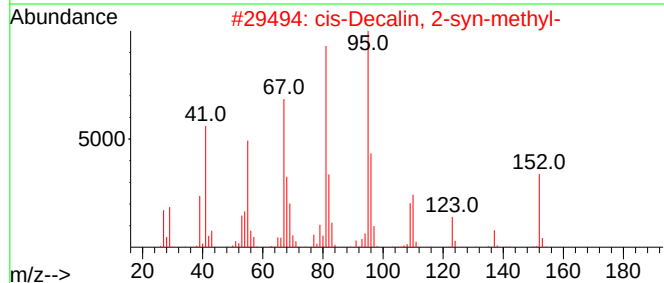
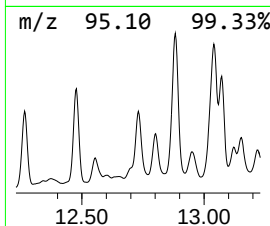
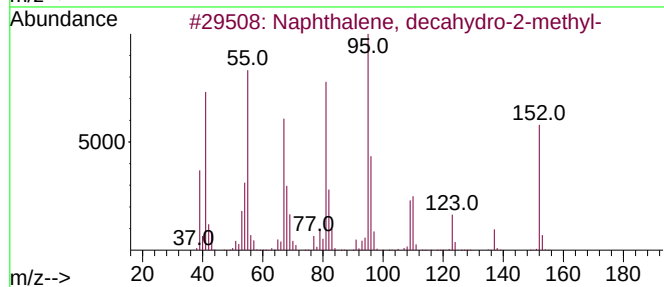
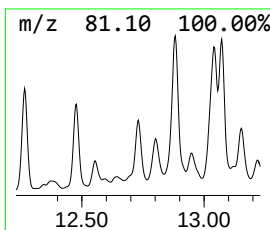
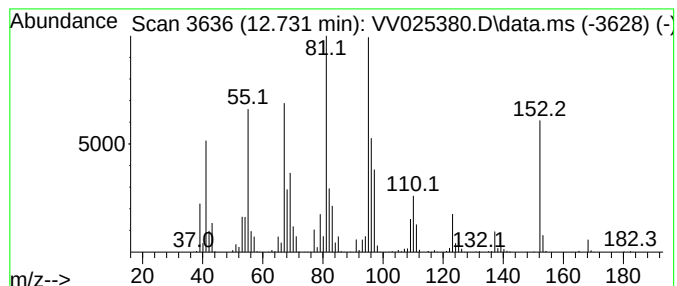
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 4,4-Dimethyl-2-propenylcycl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.731	11.45 ug/L	5984880	1,4-Dichlorobenzene-d4	11.249	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
3	4,4-Dimethyl-2-propenylcyclopent...	152	C10H16O	068261-88-1	60
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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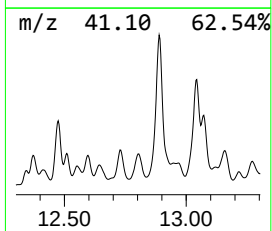
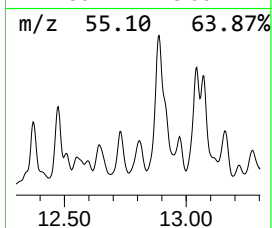
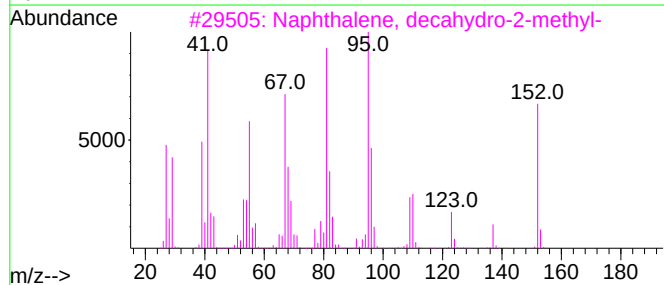
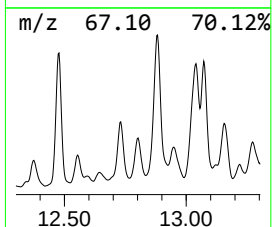
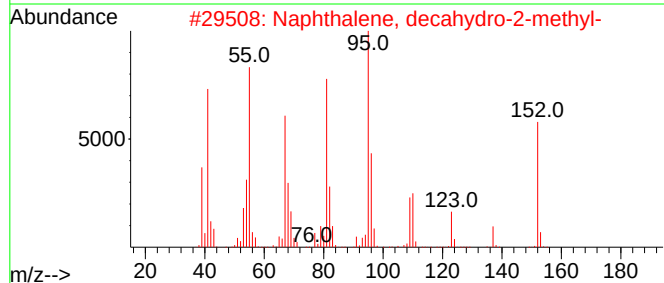
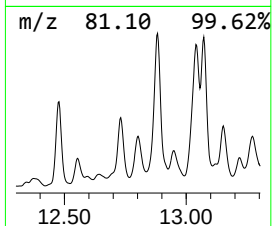
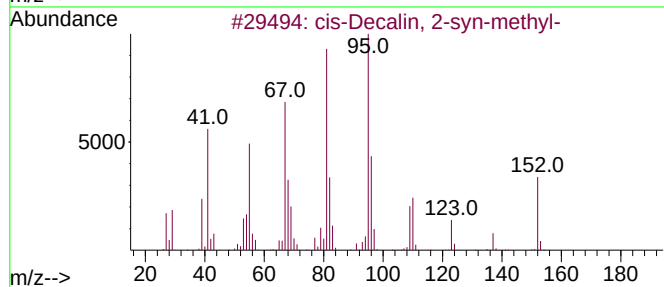
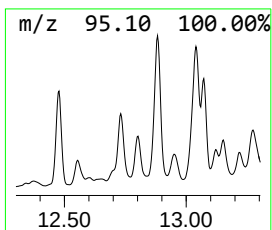
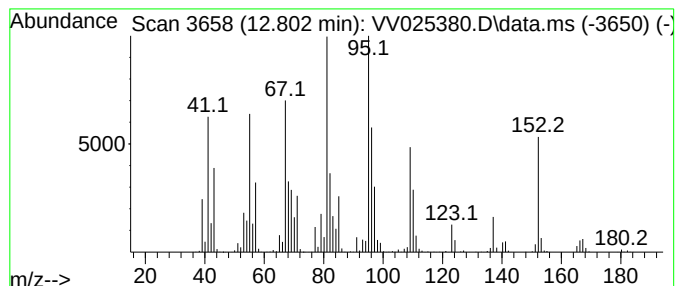
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 cis-Decalin, 2-syn-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.802	9.43 ug/L	4931400	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	87
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
5			2-Decalone,c&t	152	C10H16O	004832-17-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

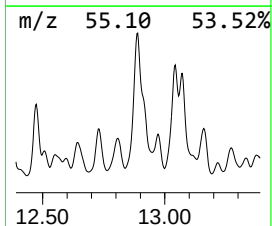
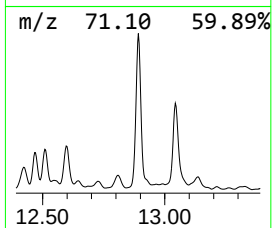
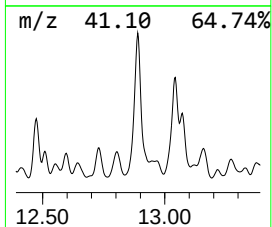
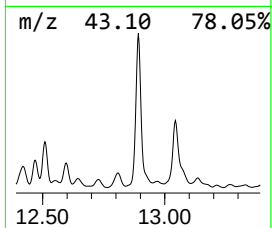
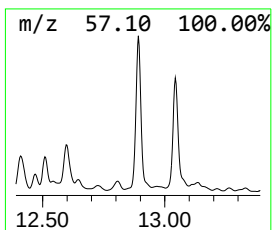
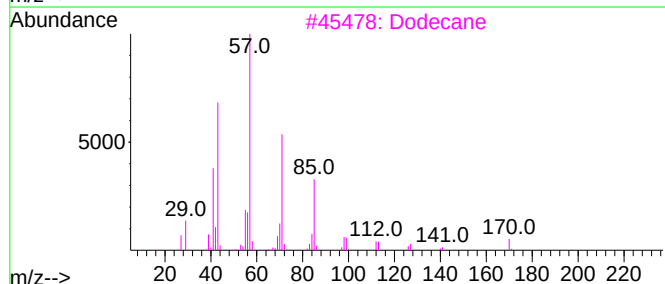
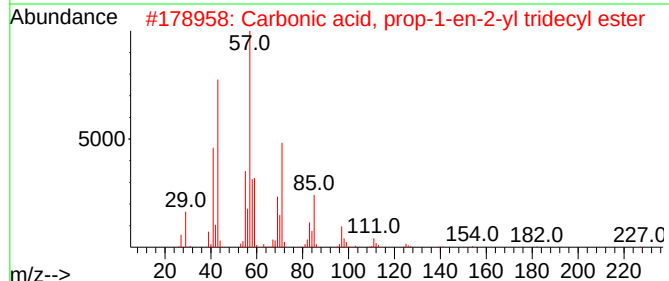
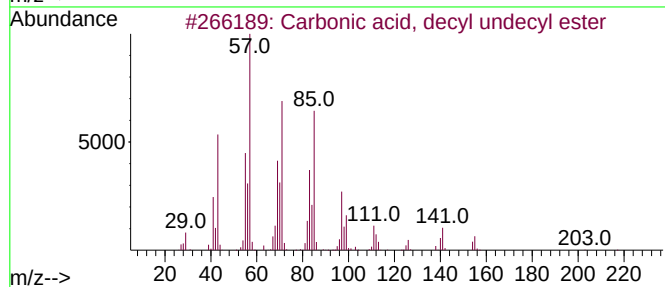
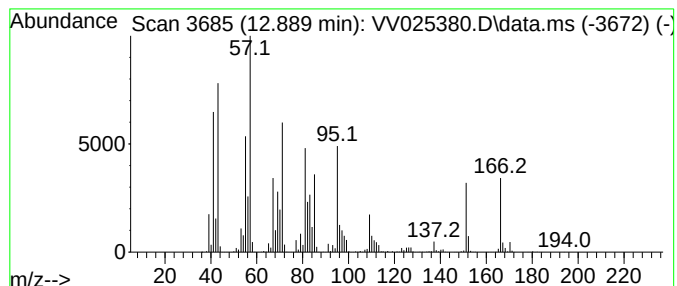
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.889	54.58 ug/L	28528400	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	38
2			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	38
3			Dodecane	170	C12H26	000112-40-3	35
4			Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	35
5			Dodecane	170	C12H26	000112-40-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

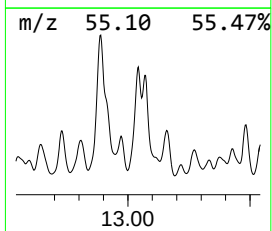
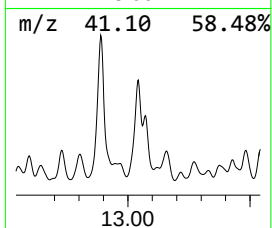
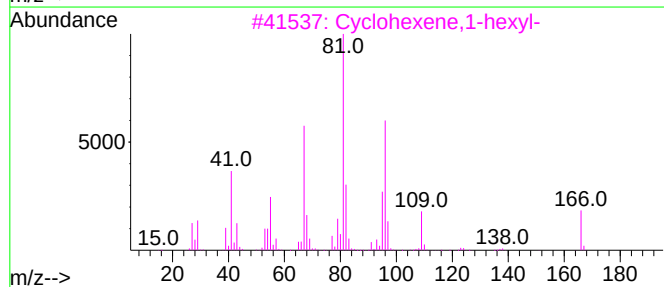
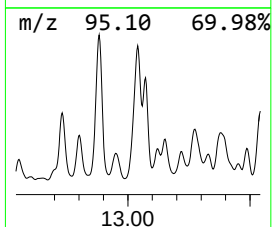
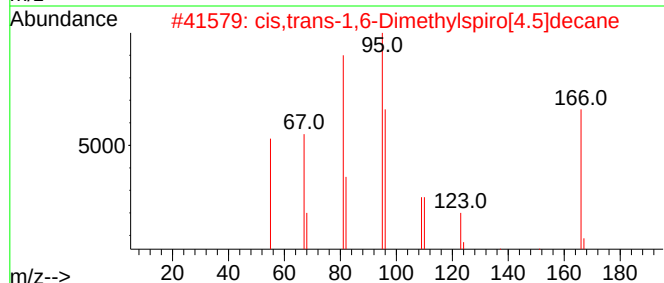
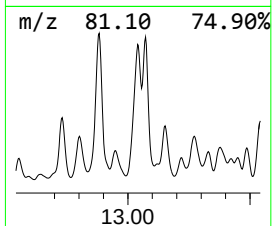
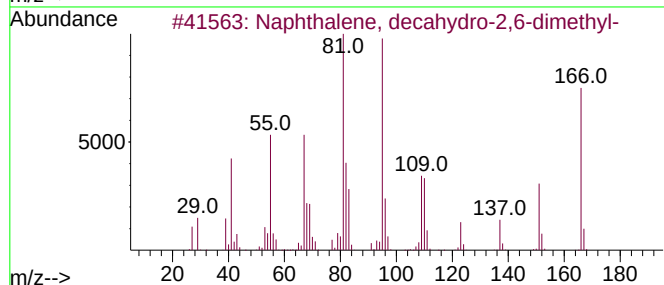
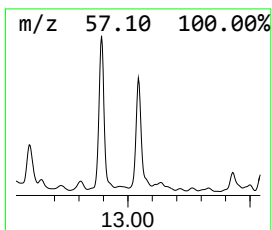
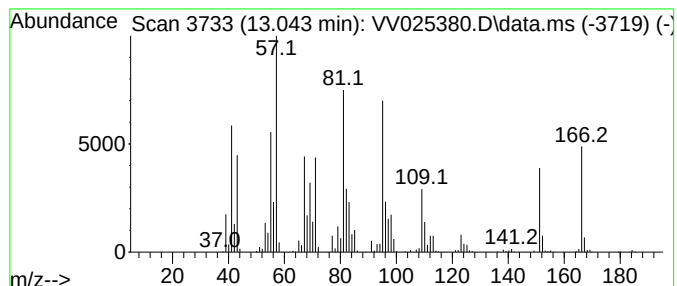
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 Naphthalene, decahydro-2,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	41.39 ug/L	21634500	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	86
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	58
3			Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	55
4			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	50
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

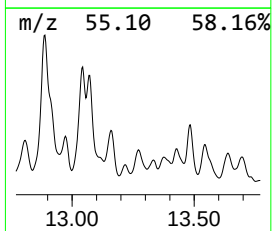
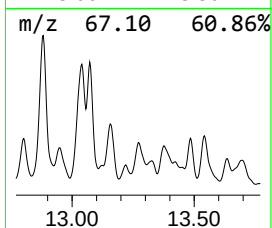
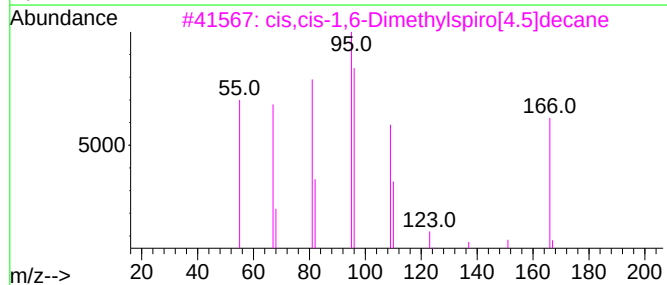
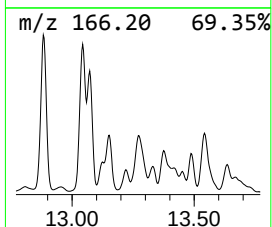
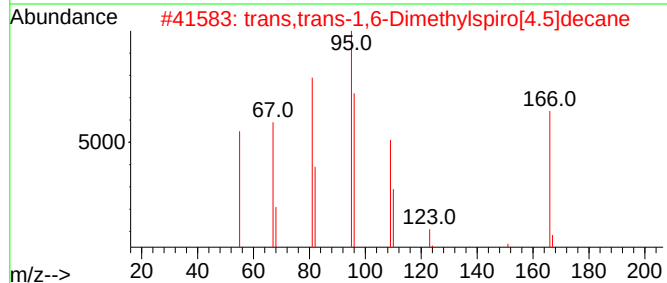
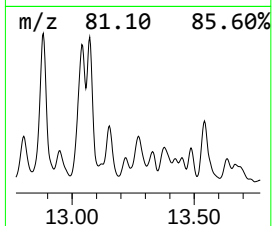
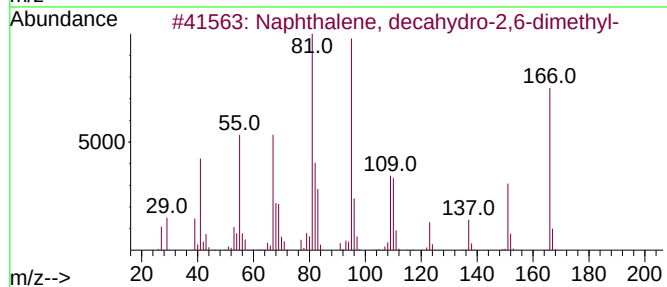
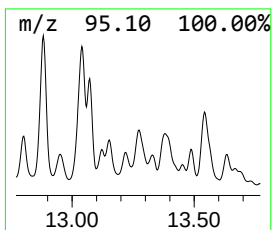
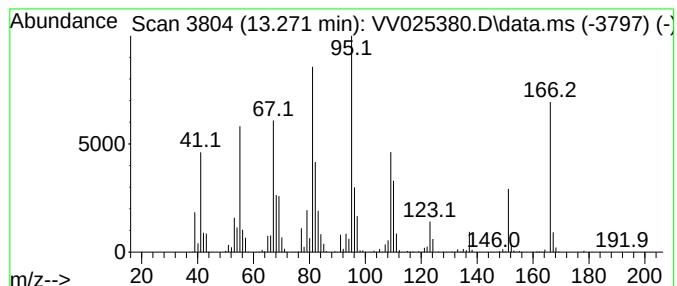
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 trans,trans-1,6-Dimethylspi... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.271	7.02 ug/L	3670770	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	95
2			trans,trans-1,6-Dimethylspiro[4...	166	C12H22	1000111-72-1	93
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	91
4			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	87
5			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

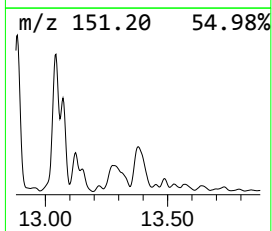
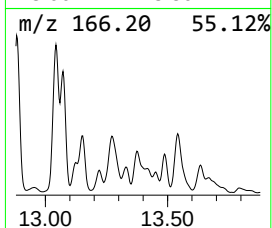
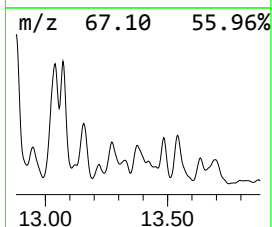
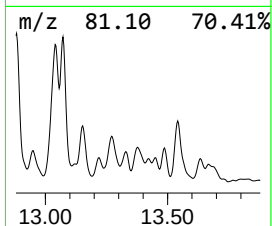
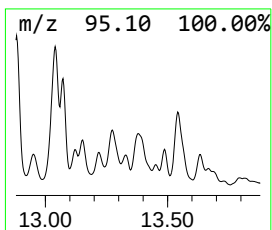
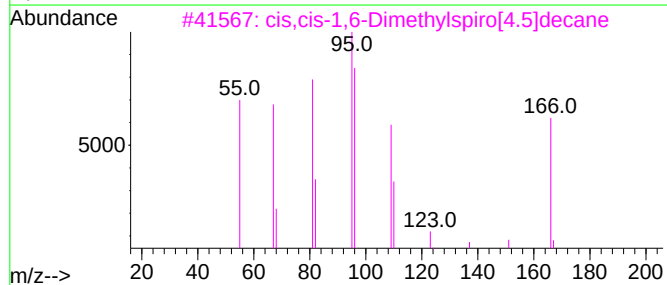
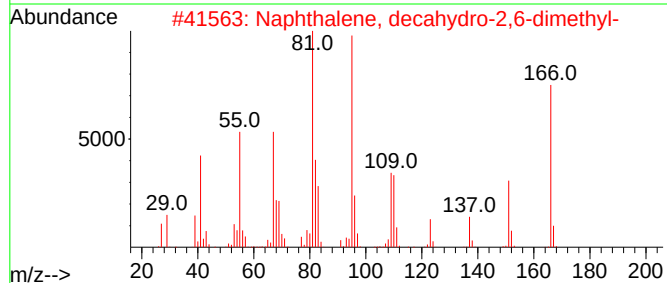
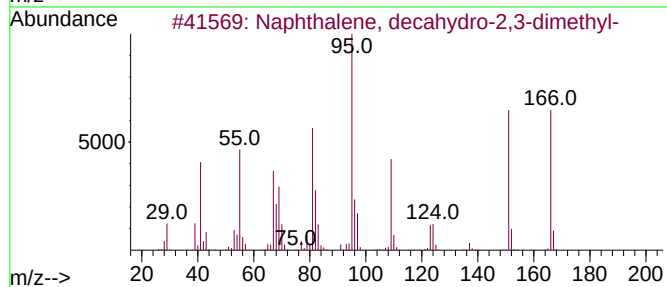
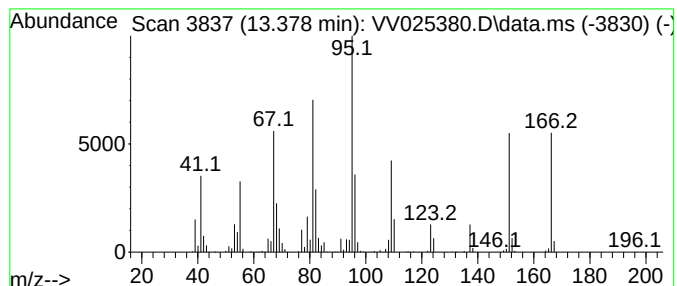
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 Naphthalene, decahydro-2,3-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.378	6.17 ug/L	3227480	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	87
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	74
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	64
4			5-Undecyne	152	C11H20	002294-72-6	64
5			(4aS,7S,7aR)-4,7-Dimethyl-5,6,7,...	166	C10H14O2	021651-62-7	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

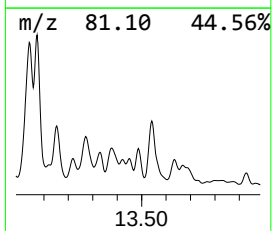
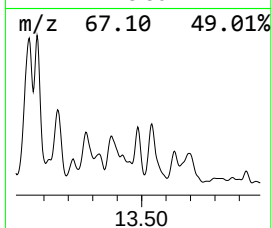
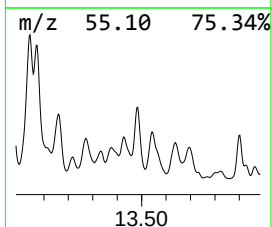
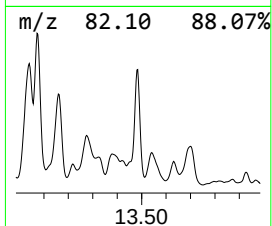
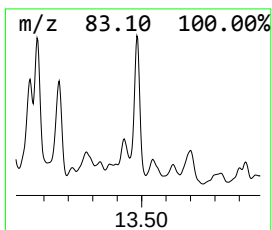
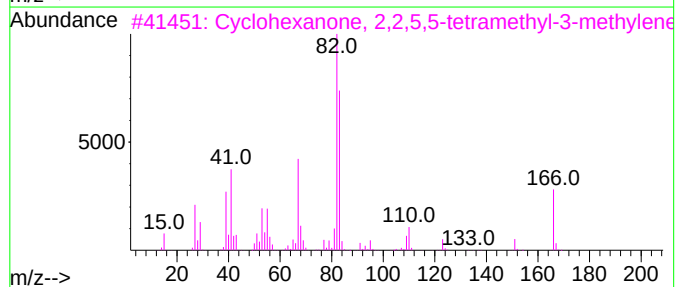
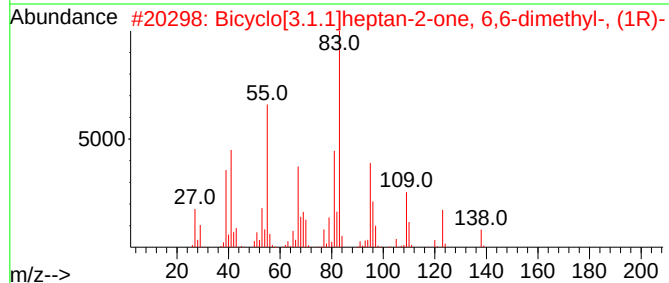
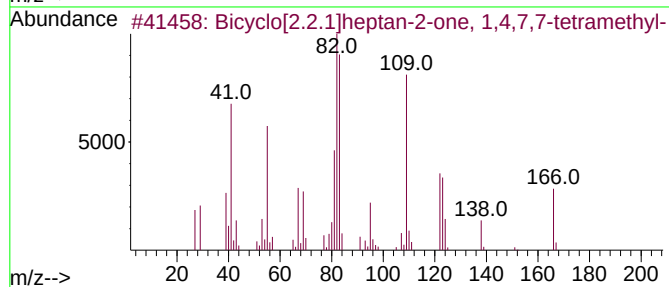
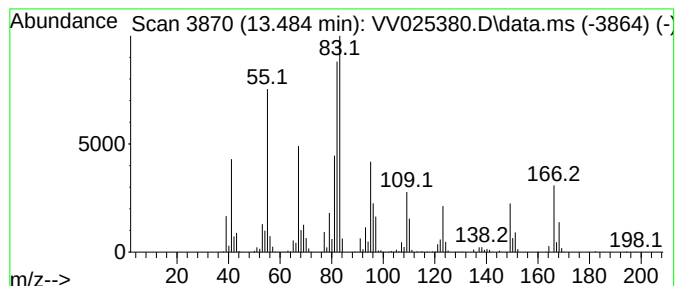
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.484	9.90 ug/L	5174930	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,4,...	166	C11H18O	010309-50-9	59
2			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	52
3			Cyclohexanone, 2,2,5,5-tetrameth...	166	C11H18O	035505-97-6	46
4			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	43
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

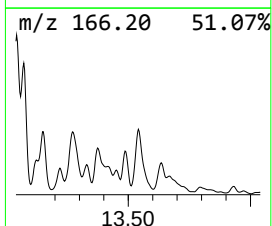
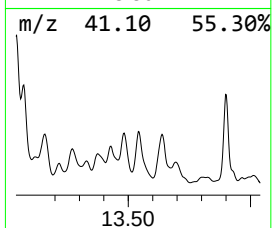
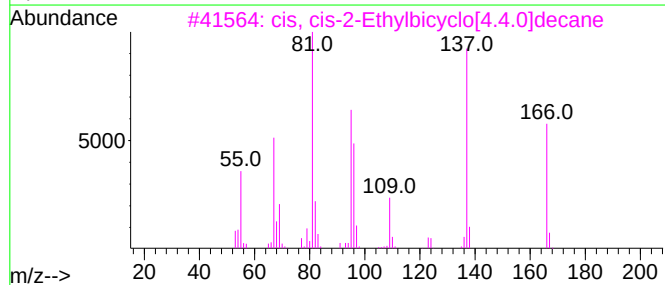
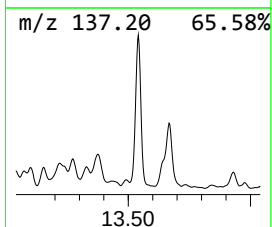
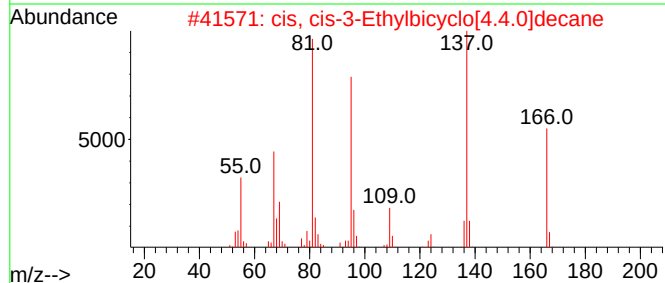
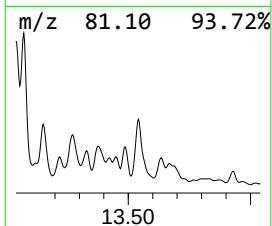
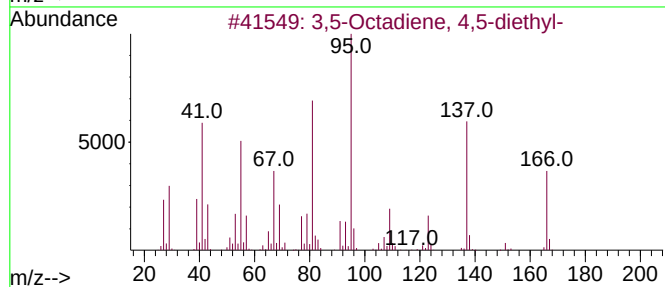
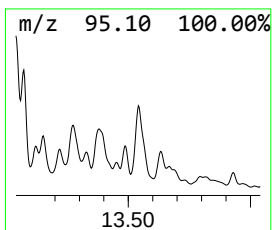
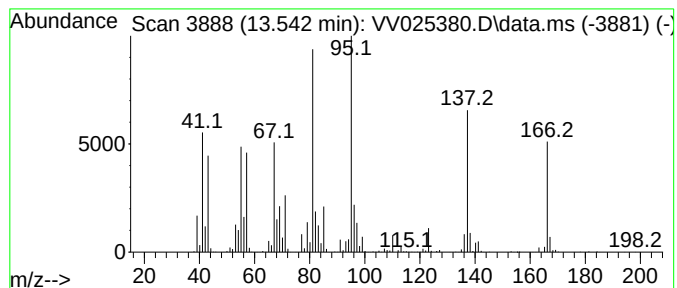
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 37 3,5-Octadiene, 4,5-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.541	15.08 ug/L	7882570	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Octadiene, 4,5-diethyl-	166	C12H22	067652-84-0	72
2			cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	70
3			cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	70
4			trans,trans-3-Ethylbicyclo[4.4.0]...	166	C12H22	058462-32-1	70
5			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

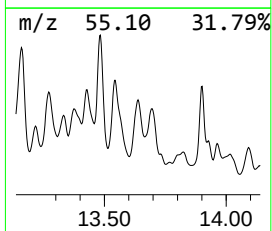
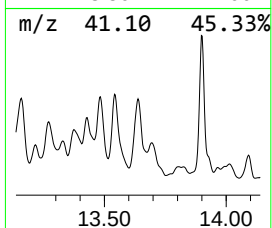
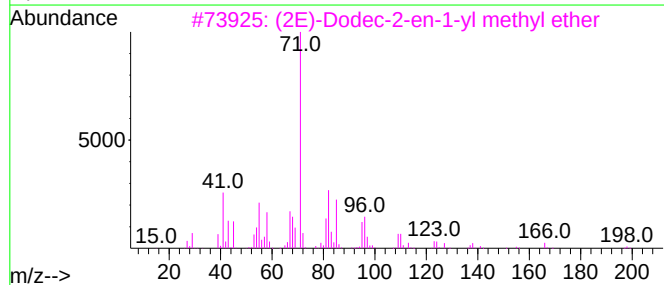
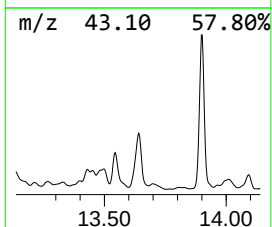
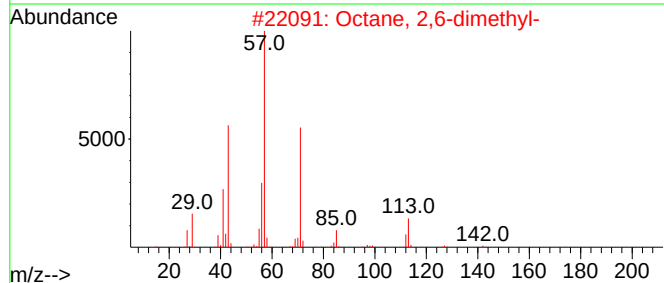
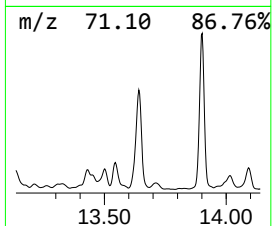
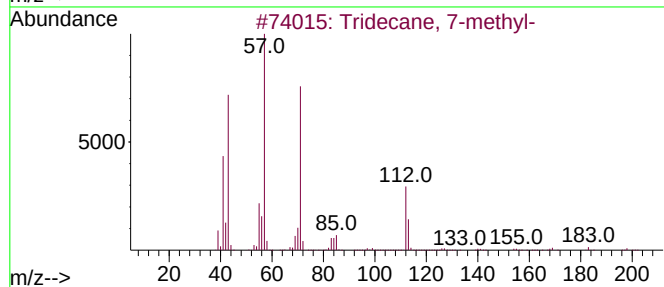
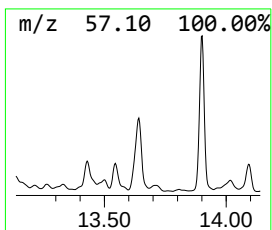
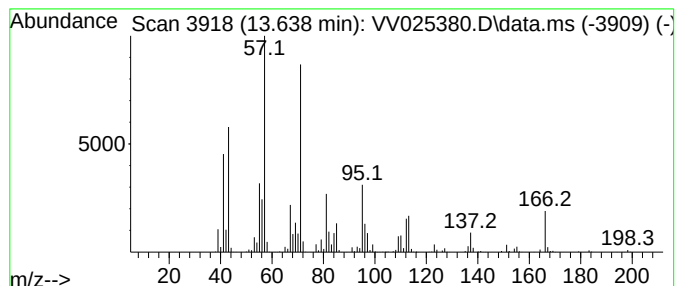
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.638	11.49 ug/L	6004940	1,4-Dichlorobenzene-d4	11.249	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
3	(2E)-Dodec-2-en-1-yl methyl ether	198	C13H26O	1000334-06-3	49
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

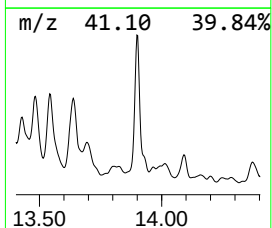
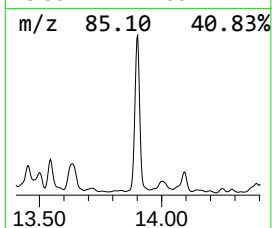
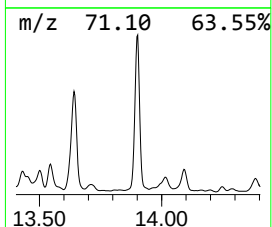
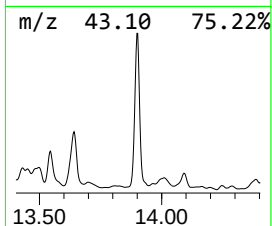
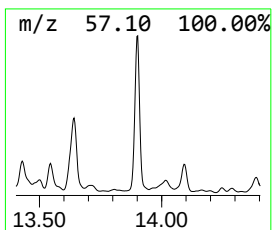
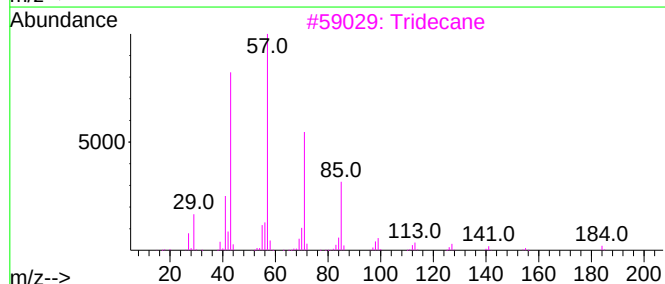
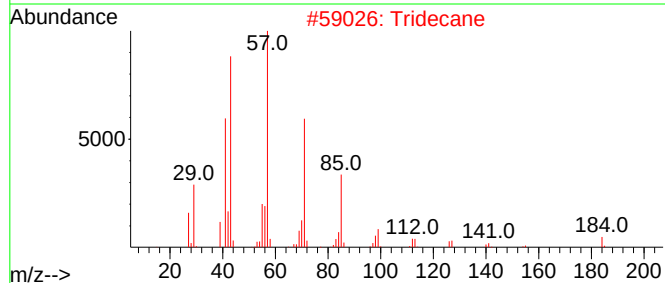
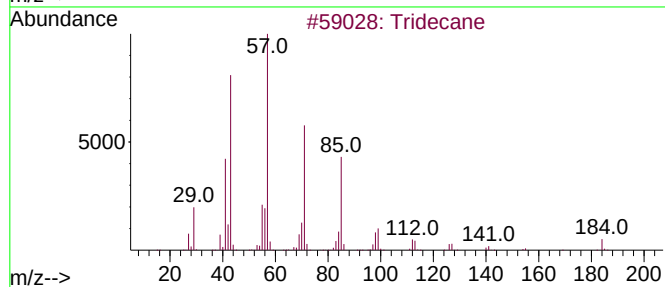
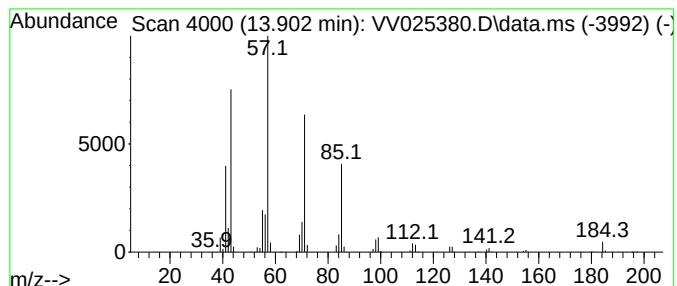
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.902	11.54 ug/L	6032470	1,4-Dichlorobenzene-d4			11.249
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Tridecane		184	C13H28	000629-50-5	94
3	Tridecane		184	C13H28	000629-50-5	91
4	Tridecane		184	C13H28	000629-50-5	90
5	Carbonic acid, octadecyl prop-1-...		354	C22H42O3	1000383-11-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

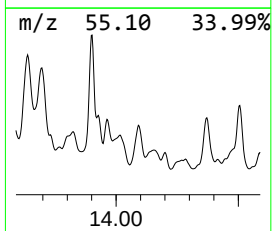
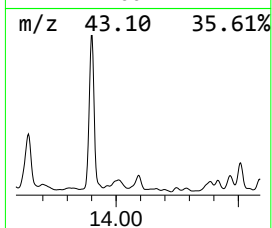
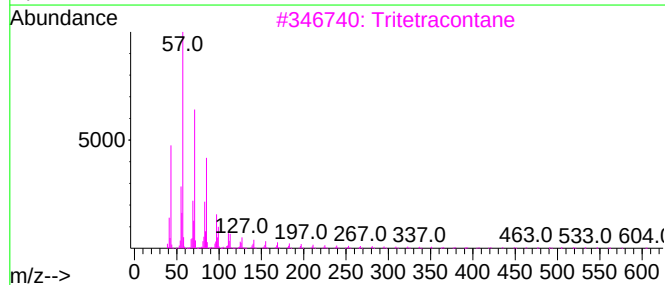
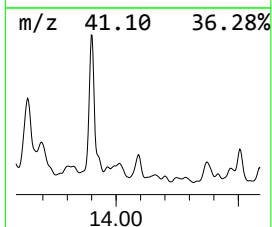
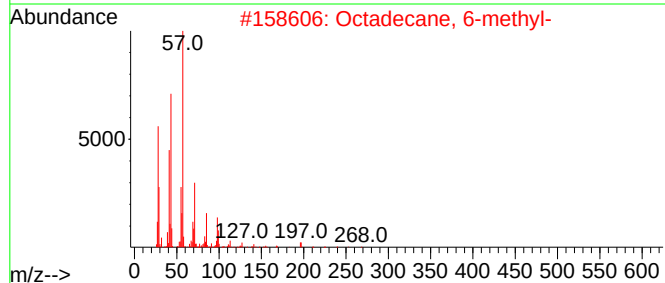
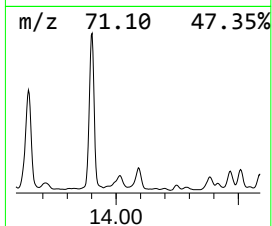
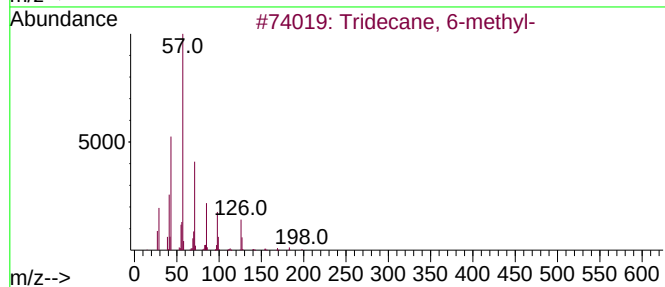
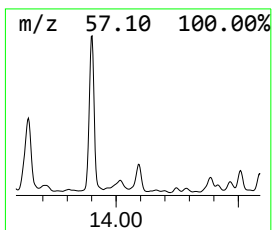
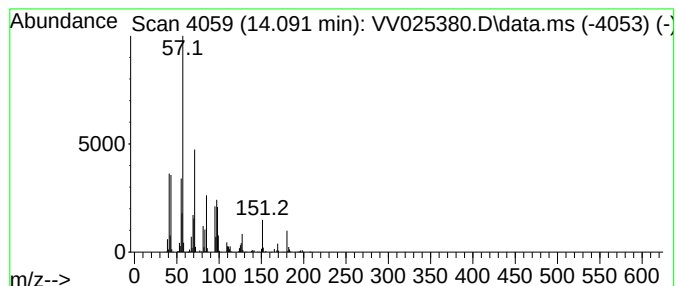
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	2.96 ug/L	1548660	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
2			Octadecane, 6-methyl-	268	C19H40	010544-96-4	50
3			Tritetracontane	605	C43H88	007098-21-7	38
4			Dodecane	170	C12H26	000112-40-3	38
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

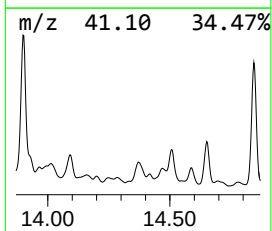
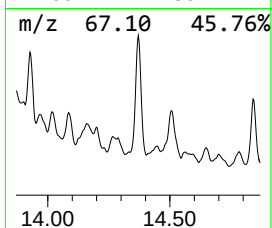
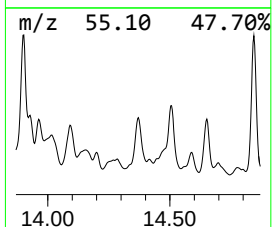
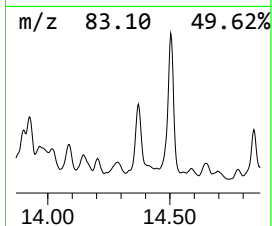
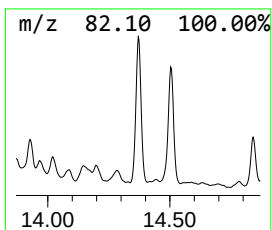
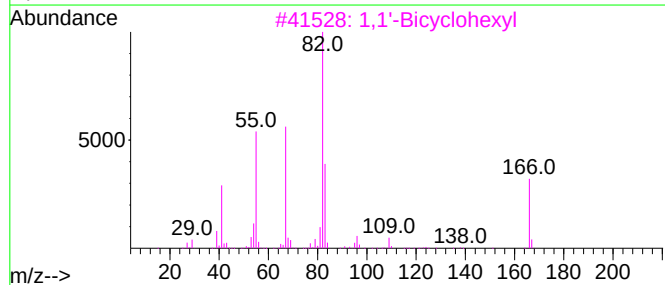
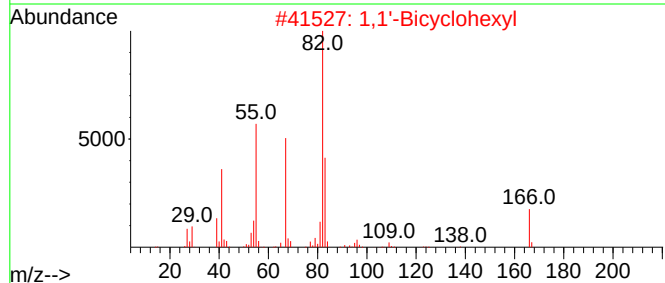
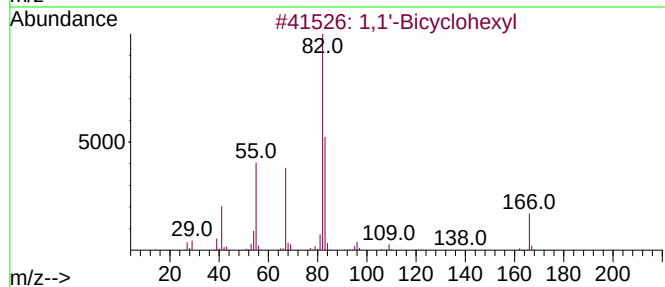
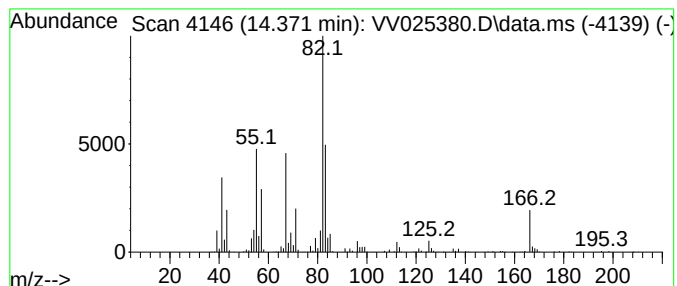
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 41 1,1'-Bicyclohexyl Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	2.63 ug/L	1372300	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	81
3	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	74
4	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	64
5	Succinic acid, nonyl trans-hex-3...			326	C19H34O4	1000353-43-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

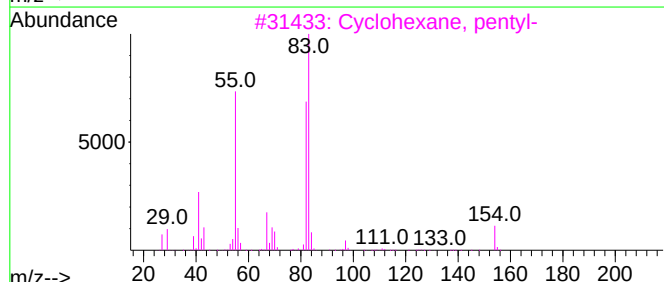
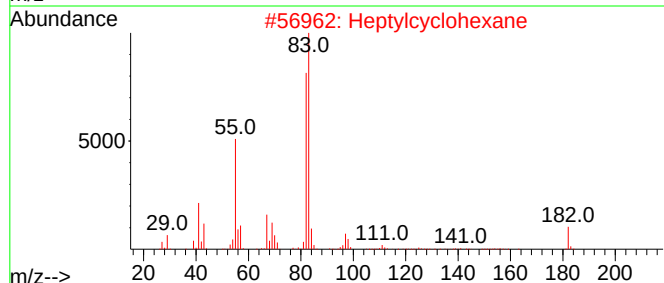
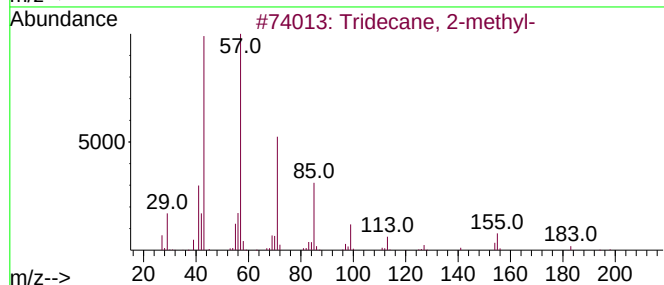
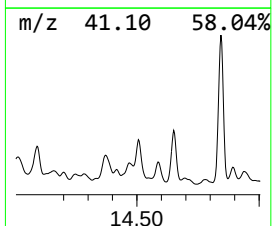
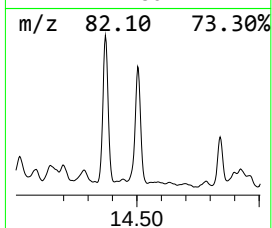
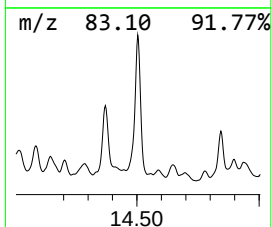
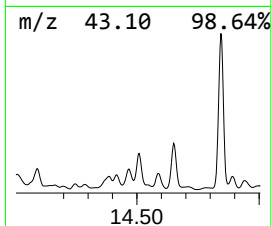
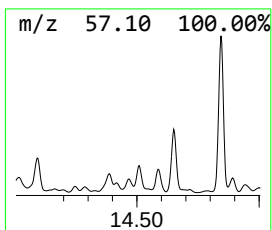
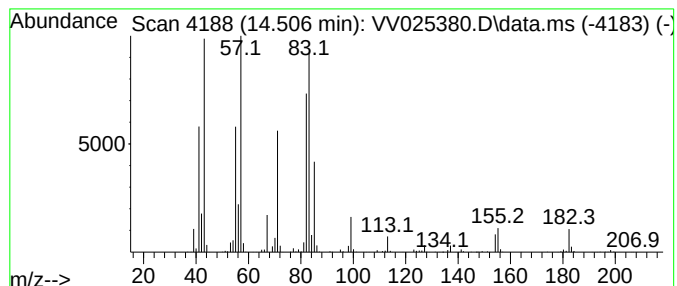
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.506	3.52 ug/L	1840010	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			Heptylcyclohexane	182	C13H26	005617-41-4	49
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

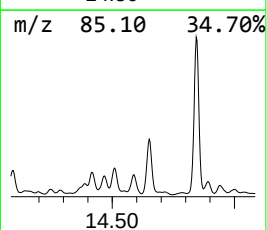
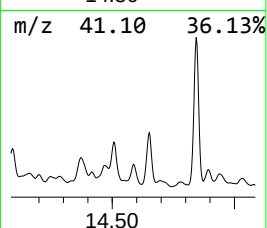
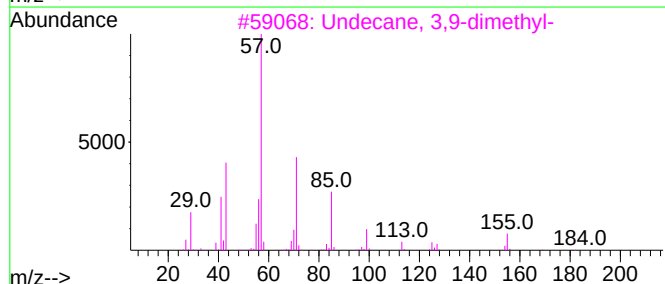
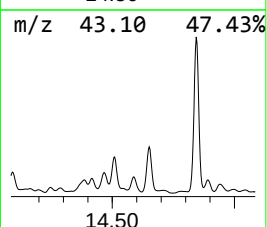
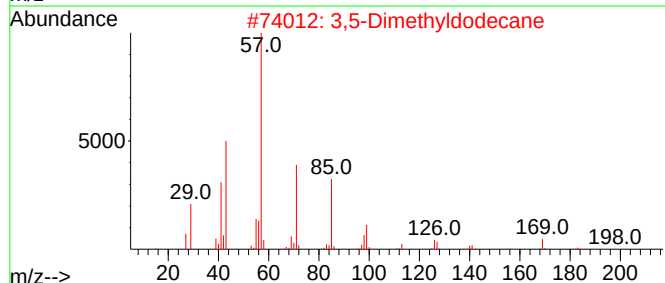
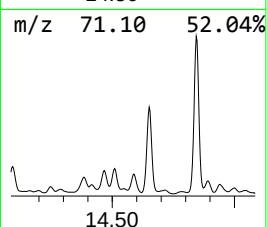
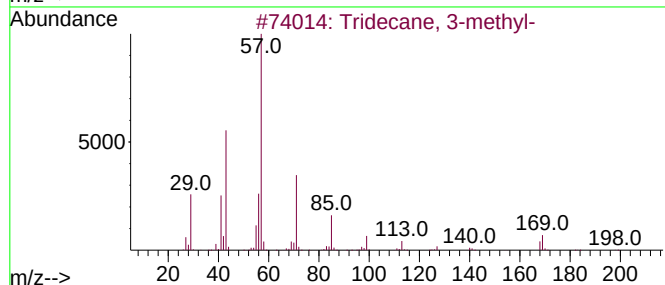
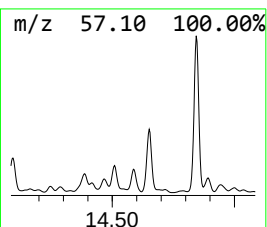
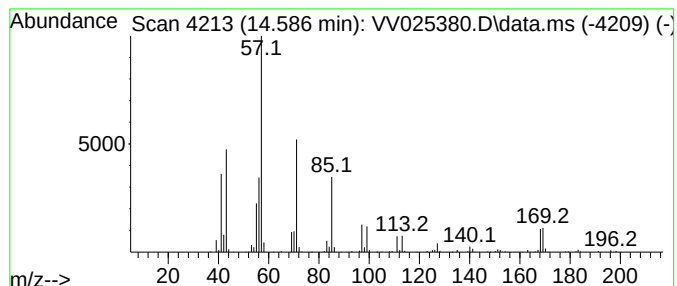
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	1.77 ug/L	923930	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	81
2			3,5-Dimethyldodecane	198	C14H30	107770-99-0	81
3			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

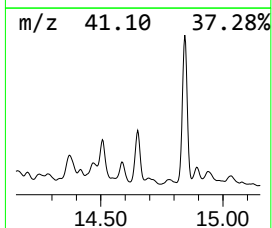
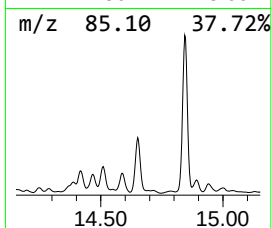
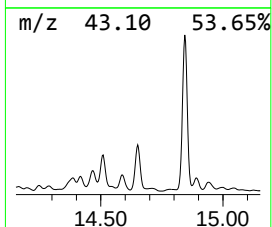
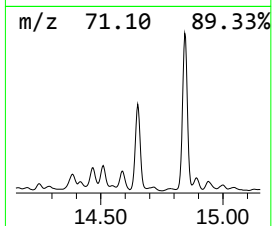
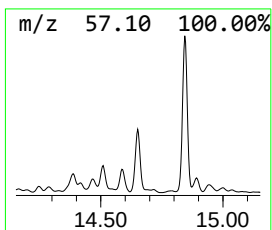
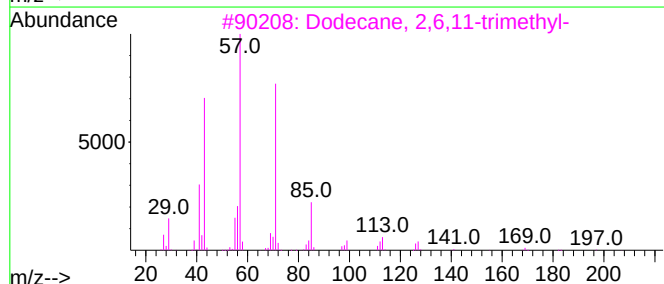
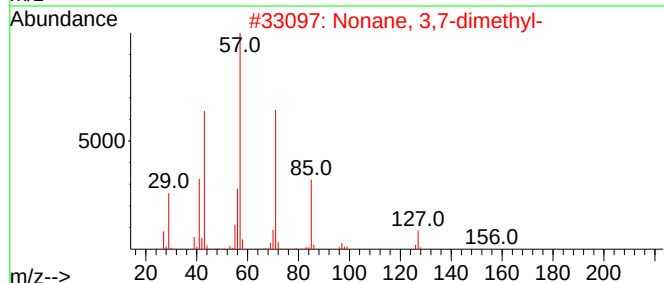
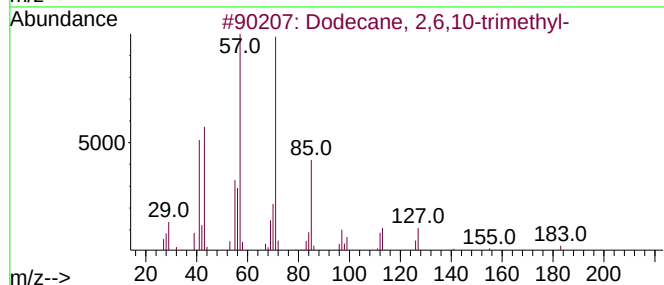
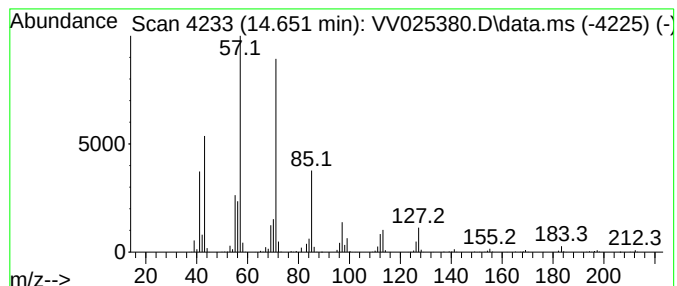
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.651	4.84 ug/L	2531300	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	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	87
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

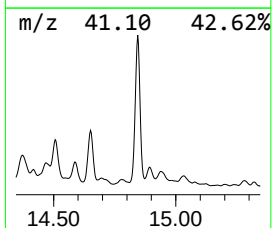
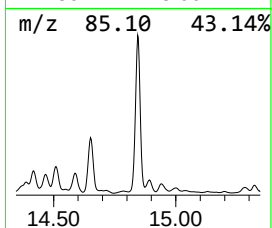
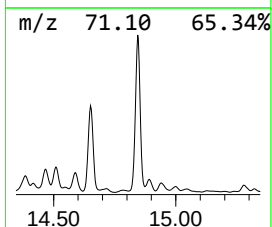
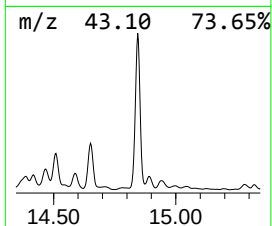
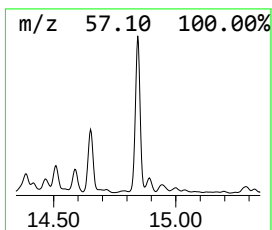
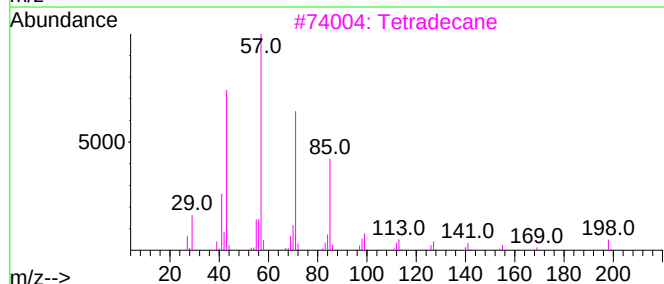
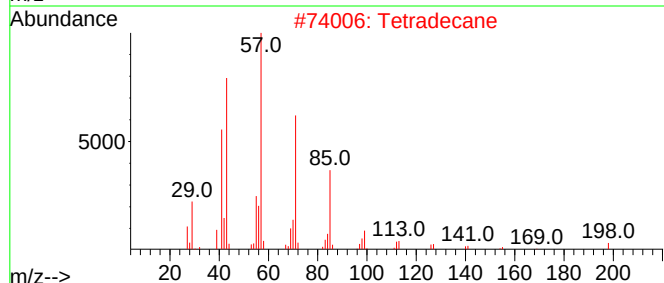
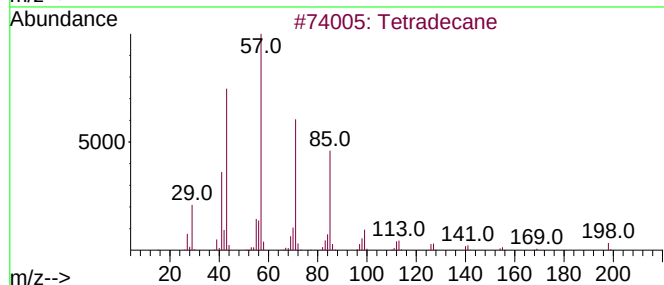
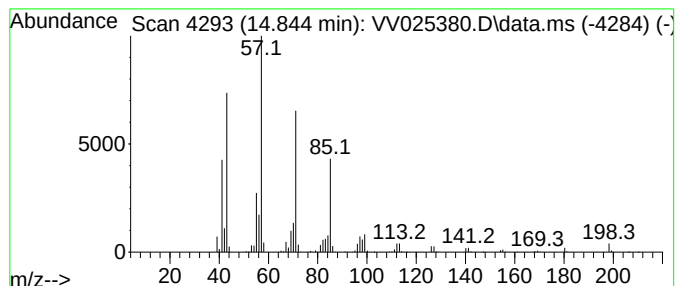
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.844	11.80 ug/L	6167630	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	96
3	Tetradecane		198	C14H30	000629-59-4	90
4	Hexadecane		226	C16H34	000544-76-3	87
5	Nonadecane		268	C19H40	000629-92-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

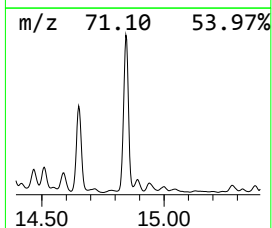
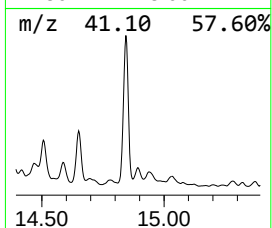
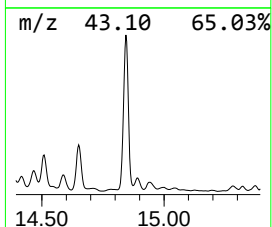
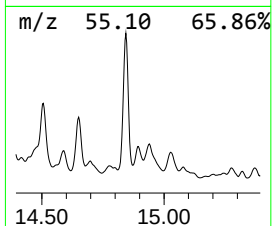
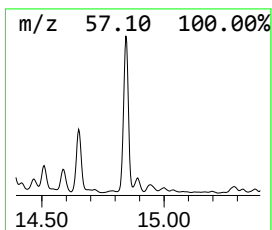
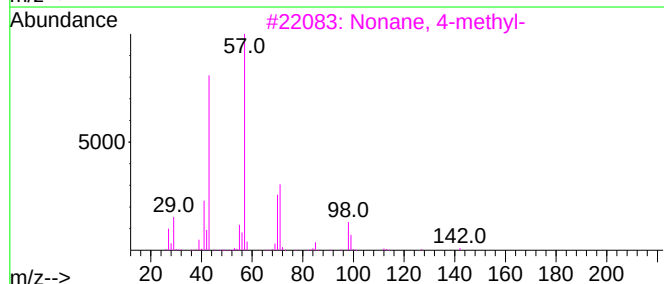
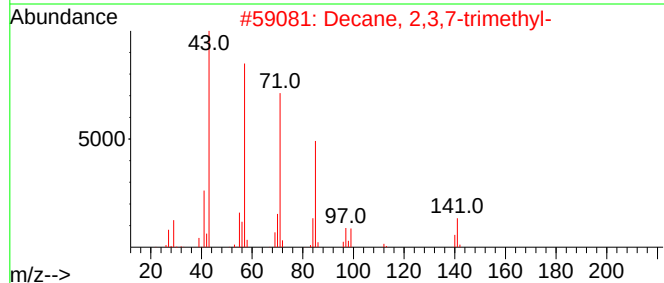
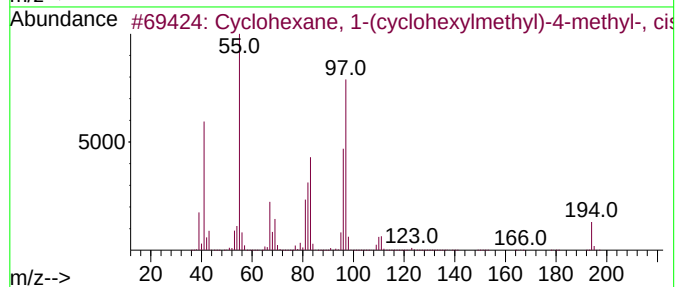
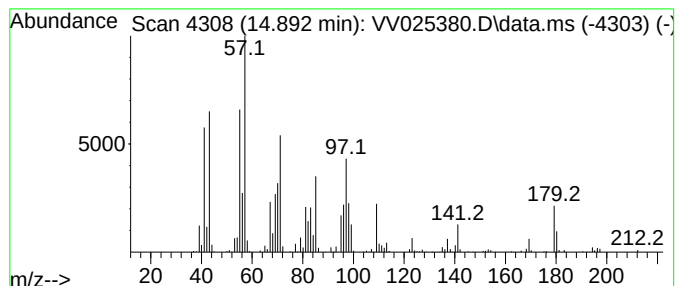
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 46 unknown-04 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	1.11 ug/L	580582	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-(cyclohexylmethyl-...	194	C14H26	054823-97-1	35
2			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	27
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	25
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	25
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

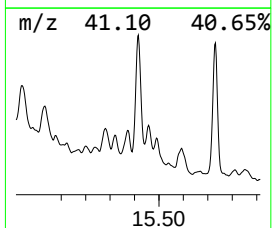
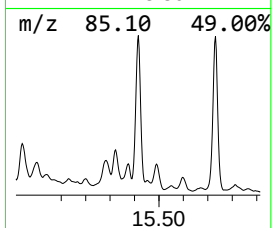
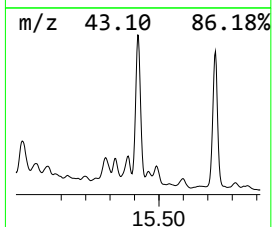
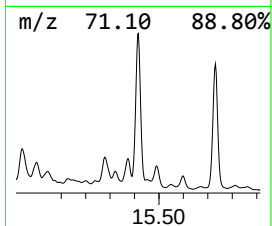
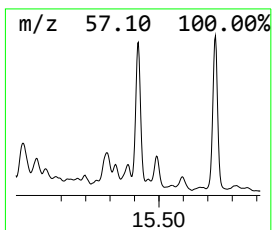
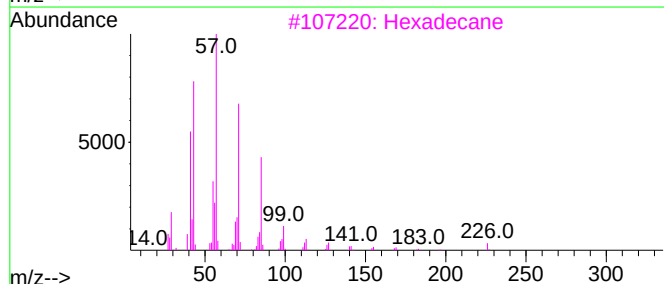
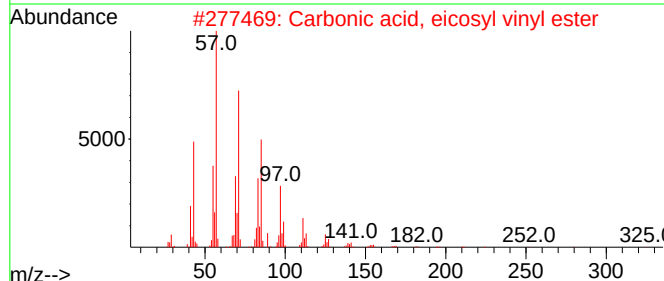
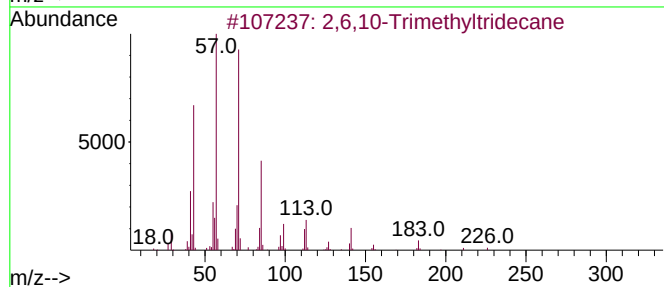
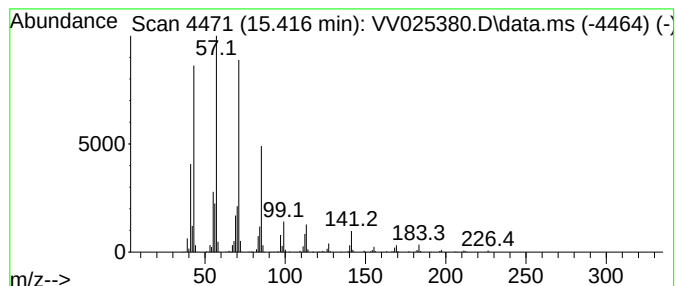
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	2.29 ug/L	1198870	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		Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Dodecane	170	C12H26	000112-40-3	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

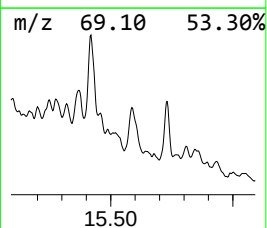
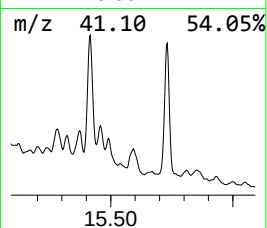
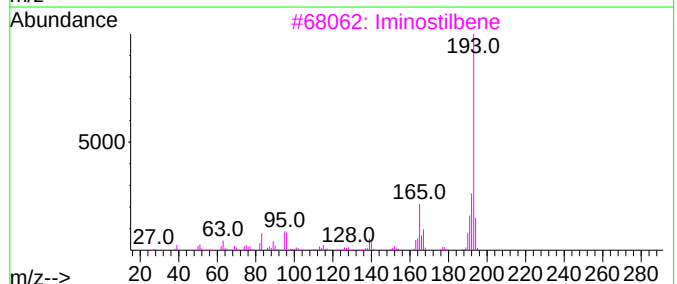
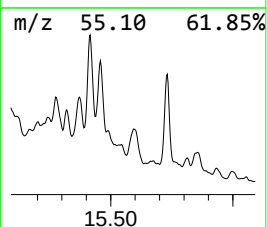
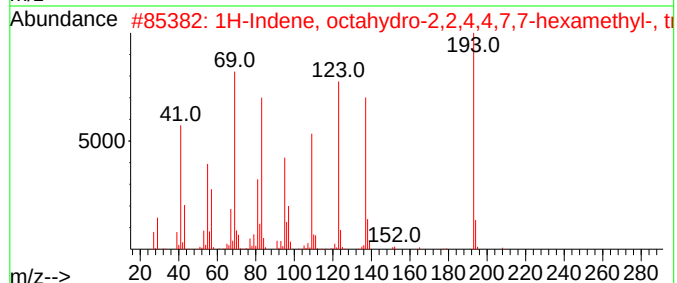
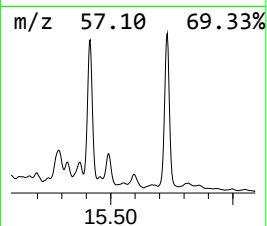
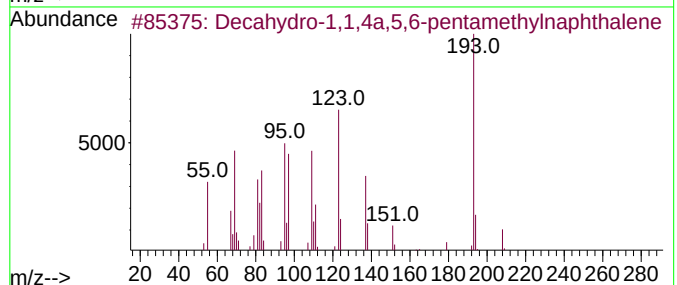
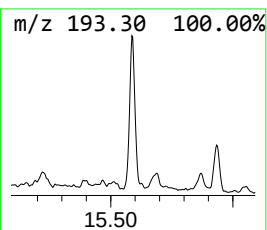
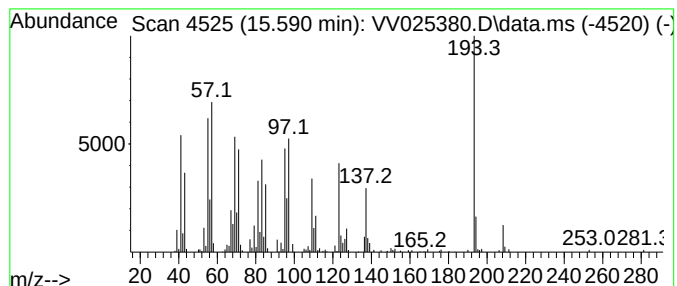
Instrument :
MSVOA_V
ClientSampleId :
BFY41

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

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

Peak Number 48 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.590	0.88 ug/L	461379	1,4-Dichlorobenzene-d4	11.249	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	89
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3	Iminostilbene	193	C14H11N	000256-96-2	30
4	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	27
5	2-Anthracenamine	193	C14H11N	000613-13-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
Data File : VV025380.D
Acq On : 07 Apr 2022 12:54
Operator : SY/MD
Sample : N2261-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY41

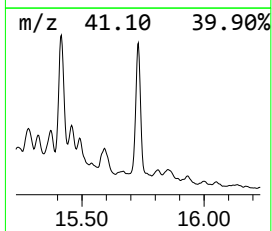
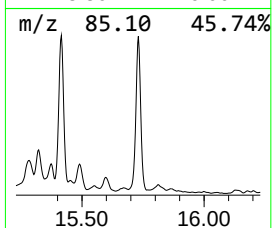
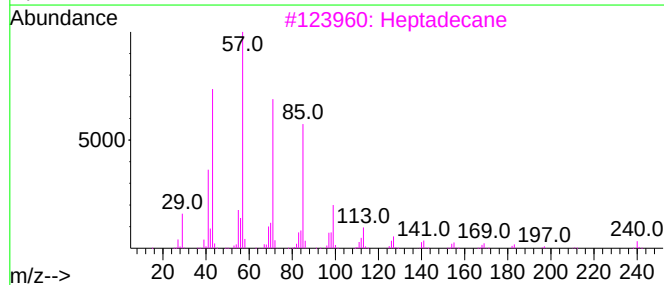
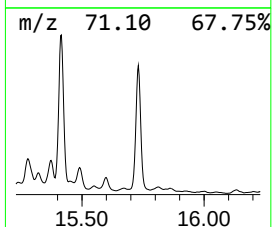
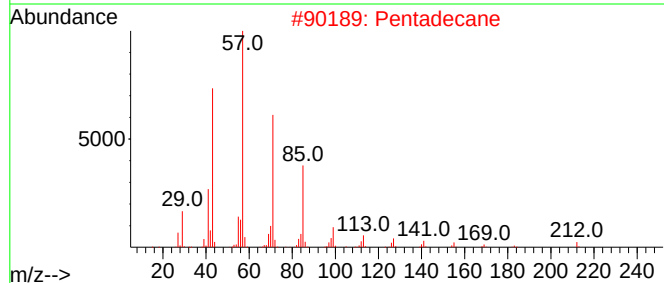
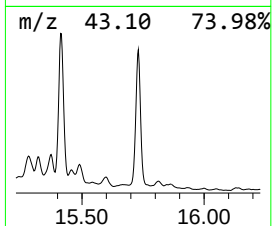
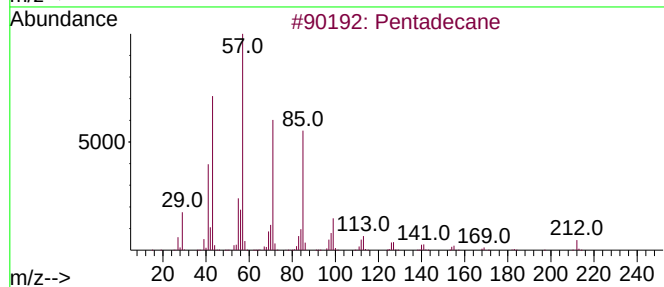
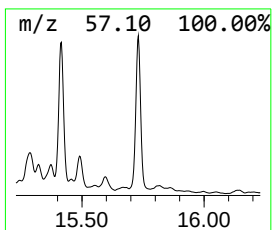
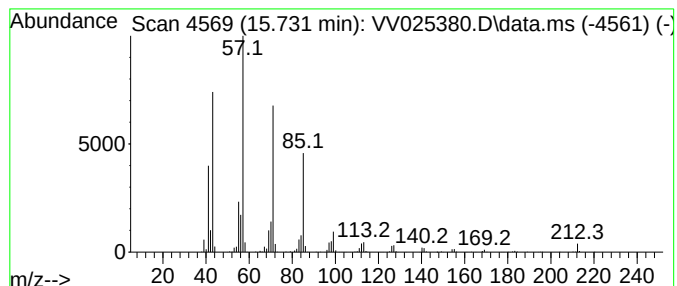
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.731	2.41 ug/L	1260820	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		Heptadecane	240	C17H36	000629-78-7	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040722\
 Data File : VV025380.D
 Acq On : 07 Apr 2022 12:54
 Operator : SY/MD
 Sample : N2261-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY41

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanal	8.233	11.6	ug/L	974916	2	8.850	419824	5.0
Heptanal	9.805	4.3	ug/L	361520	2	8.850	419824	5.0
(DEL) Alkane: S...	10.127	18.8	ug/L	9837270	3	11.249	2613540	5.0
(DEL) Alkane: S...	10.320	5.0	ug/L	2624840	3	11.249	2613540	5.0
(DEL) Alkane: S...	10.355	1.3	ug/L	676930	3	11.249	2613540	5.0
Sulfurous acid,...	10.574	7.5	ug/L	3898980	3	11.249	2613540	5.0
(DEL) Alkane: S...	10.661	1.6	ug/L	848867	3	11.249	2613540	5.0
(DEL) Alkane: C...	10.744	1.2	ug/L	624275	3	11.249	2613540	5.0
(DEL) Alkane: S...	10.834	5.8	ug/L	3021410	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.040	15.2	ug/L	7949010	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.149	60.0	ug/L	31375900	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.198	3.5	ug/L	1802250	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.326	8.2	ug/L	4299180	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.394	36.0	ug/L	18829800	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.432	36.0	ug/L	18817800	3	11.249	2613540	5.0
unknown-01	11.574	6.7	ug/L	3489510	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.677	1.8	ug/L	937259	3	11.249	2613540	5.0
Sulfurous acid,...	11.731	3.7	ug/L	1928590	3	11.249	2613540	5.0
(DEL) Alkane: S...	11.789	11.7	ug/L	6105450	3	11.249	2613540	5.0
Sulfurous acid,...	11.854	8.7	ug/L	4551150	3	11.249	2613540	5.0
(DEL) Alkane: C...	11.937	3.1	ug/L	1617570	3	11.249	2613540	5.0
(DEL) Alkane: S...	12.101	1.3	ug/L	678501	3	11.249	2613540	5.0
Naphthalene, de...	12.265	18.3	ug/L	9577760	3	11.249	2613540	5.0
Nonanal	12.342	1.7	ug/L	901109	3	11.249	2613540	5.0
(DEL) Alkane: C...	12.371	6.3	ug/L	3292920	3	11.249	2613540	5.0
1-Methyldecahyd...	12.474	23.8	ug/L	12417900	3	11.249	2613540	5.0
Cyclohexanone, ...	12.554	3.6	ug/L	1897730	3	11.249	2613540	5.0
(DEL) Alkane: S...	12.596	4.1	ug/L	2136850	3	11.249	2613540	5.0
unknown-02	12.645	5.2	ug/L	2698920	3	11.249	2613540	5.0
4,4-Dimethyl-2-...	12.731	11.4	ug/L	5984880	3	11.249	2613540	5.0
cis-Decalin, 2-...	12.802	9.4	ug/L	4931400	3	11.249	2613540	5.0
unknown-03	12.889	54.6	ug/L	28528400	3	11.249	2613540	5.0
Naphthalene, de...	13.043	41.4	ug/L	21634500	3	11.249	2613540	5.0
trans,trans-1,6...	13.271	7.0	ug/L	3670770	3	11.249	2613540	5.0
Naphthalene, de...	13.378	6.2	ug/L	3227480	3	11.249	2613540	5.0
Bicyclo[2.2.1]h...	13.484	9.9	ug/L	5174930	3	11.249	2613540	5.0
3,5-Octadiene, ...	13.541	15.1	ug/L	7882570	3	11.249	2613540	5.0
(DEL) Alkane: S...	13.638	11.5	ug/L	6004940	3	11.249	2613540	5.0
(DEL) Alkane: S...	13.902	11.5	ug/L	6032470	3	11.249	2613540	5.0
(DEL) Alkane: S...	14.091	3.0	ug/L	1548660	3	11.249	2613540	5.0
1,1'-Bicyclohexyl	14.371	2.6	ug/L	1372300	3	11.249	2613540	5.0
(DEL) Alkane: S...	14.506	3.5	ug/L	1840010	3	11.249	2613540	5.0
(DEL) Alkane: S...	14.586	1.8	ug/L	923930	3	11.249	2613540	5.0
(DEL) Alkane: S...	14.651	4.8	ug/L	2531300	3	11.249	2613540	5.0
(DEL) Alkane: S...	14.844	11.8	ug/L	6167630	3	11.249	2613540	5.0
unknown-04	14.892	1.1	ug/L	580582	3	11.249	2613540	5.0
(DEL) Alkane: S...	15.416	2.3	ug/L	1198870	3	11.249	2613540	5.0
Decahydro-1,1,4...	15.590	0.9	ug/L	461379	3	11.249	2613540	5.0
(DEL) Alkane: S...	15.731	2.4	ug/L	1260820	3	11.249	2613540	5.0