

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
 Data File : VV025101.D
 Acq On : 18 Mar 2022 16:32
 Operator : SY/MD
 Sample : N2018-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA7

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\SFAMVTR031522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025101.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.108	322	332	350	rVB	138400	203820	1.11%	0.290%
2	3.915	882	894	929	rBV5	53608	185586	1.01%	0.264%
3	4.352	1014	1030	1062	rVB	90127	244669	1.34%	0.349%
4	5.050	1232	1247	1285	rBV2	209017	528732	2.89%	0.753%
5	5.619	1412	1424	1451	rBV	182917	374827	2.05%	0.534%
6	6.072	1548	1565	1597	rBV	111227	241575	1.32%	0.344%
7	7.317	1941	1952	1967	rBV	257979	452112	2.47%	0.644%
8	8.092	2182	2193	2233	rBV	200581	384978	2.10%	0.548%
9	8.850	2419	2429	2450	rBV	275577	451014	2.46%	0.643%
10	9.137	2499	2518	2534	rBV	244354	410881	2.25%	0.585%
11	9.542	2633	2644	2669	rVB	240808	399648	2.18%	0.569%
12	10.448	2916	2926	2930	rBV	148957	234063	1.28%	0.333%
13	10.538	2943	2954	2970	rVB	349047	519014	2.84%	0.739%
14	10.735	3004	3015	3036	rBV	209741	333100	1.82%	0.475%
15	10.911	3050	3070	3085	rBV	885363	1326256	7.25%	1.889%
16	11.246	3165	3174	3190	rVB	331588	501204	2.74%	0.714%
17	11.333	3190	3201	3213	rBV	892586	1331735	7.28%	1.897%
18	11.526	3249	3261	3271	rBV2	522410	905895	4.95%	1.291%
19	11.635	3283	3295	3308	rVB4	660596	1356336	7.41%	1.932%
20	11.744	3320	3329	3339	rVB	280924	412829	2.26%	0.588%
21	11.818	3339	3352	3369	rVB	243282	394596	2.16%	0.562%
22	11.911	3369	3381	3384	rBV	368726	539451	2.95%	0.769%
23	11.937	3384	3389	3400	rVB	569982	833904	4.56%	1.188%
24	12.014	3400	3413	3419	rBV	424304	706955	3.86%	1.007%
25	12.043	3419	3422	3434	rVB	223096	292854	1.60%	0.417%
26	12.114	3434	3444	3463	rBV3	333991	844926	4.62%	1.204%
27	12.313	3495	3506	3517	rVB	373442	579696	3.17%	0.826%
28	12.410	3521	3536	3544	rBV	256781	399819	2.18%	0.570%
29	12.464	3544	3553	3568	rVB	530504	882323	4.82%	1.257%
30	12.722	3625	3633	3648	rVB	644846	972402	5.31%	1.385%
31	12.796	3648	3656	3664	rBV4	115178	199776	1.09%	0.285%
32	12.879	3665	3682	3693	rBV2	1302421	2257513	12.34%	3.216%
33	12.998	3712	3719	3725	rBV	166313	216726	1.18%	0.309%
34	13.046	3725	3734	3754	rVB4	901327	1635733	8.94%	2.330%
35	13.146	3755	3765	3778	rBV2	450841	970191	5.30%	1.382%
36	13.214	3779	3786	3794	rVB	214026	316768	1.73%	0.451%

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Sampling : 1

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

Peak separation: 5

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37	13.268	3794	3803	3809	rBV2	354102	560956	3.07%	0.799%
38	13.500	3855	3875	3887	rBV	11548159	18301402	100.00%	26.073%
39	13.609	3899	3909	3919	rBV2	318898	530743	2.90%	0.756%
40	13.706	3932	3939	3951	rVV2	240770	456848	2.50%	0.651%
41	13.908	3991	4002	4017	rBV3	218886	448205	2.45%	0.639%
42	14.101	4049	4062	4072	rBV4	340925	756756	4.13%	1.078%
43	14.230	4093	4102	4114	rVV3	200701	395785	2.16%	0.564%
44	14.294	4114	4122	4134	rVB3	179583	350277	1.91%	0.499%
45	14.432	4151	4165	4176	rBV5	143007	342233	1.87%	0.488%
46	14.628	4214	4226	4237	rBV	6282421	9529573	52.07%	13.576%
47	14.812	4272	4283	4296	rVV	4666874	7179635	39.23%	10.229%
48	15.358	4433	4453	4463	rBV2	323624	591006	3.23%	0.842%
49	15.548	4502	4512	4518	rBV	661892	1005820	5.50%	1.433%
50	15.583	4518	4523	4533	rVB	434069	607302	3.32%	0.865%
51	15.664	4534	4548	4562	rVV	1059158	1776806	9.71%	2.531%
52	15.808	4582	4593	4599	rBV	1335853	2026928	11.08%	2.888%
53	15.844	4599	4604	4616	rVB	635458	933932	5.10%	1.331%
54	16.008	4639	4655	4657	rBV	225926	320880	1.75%	0.457%
55	16.033	4659	4663	4672	rVB2	287207	411021	2.25%	0.586%
56	16.178	4698	4708	4718	rBV	215937	338352	1.85%	0.482%
57	16.284	4731	4741	4752	rBV	172729	263081	1.44%	0.375%
58	16.377	4753	4770	4780	rVB2	100582	222881	1.22%	0.318%

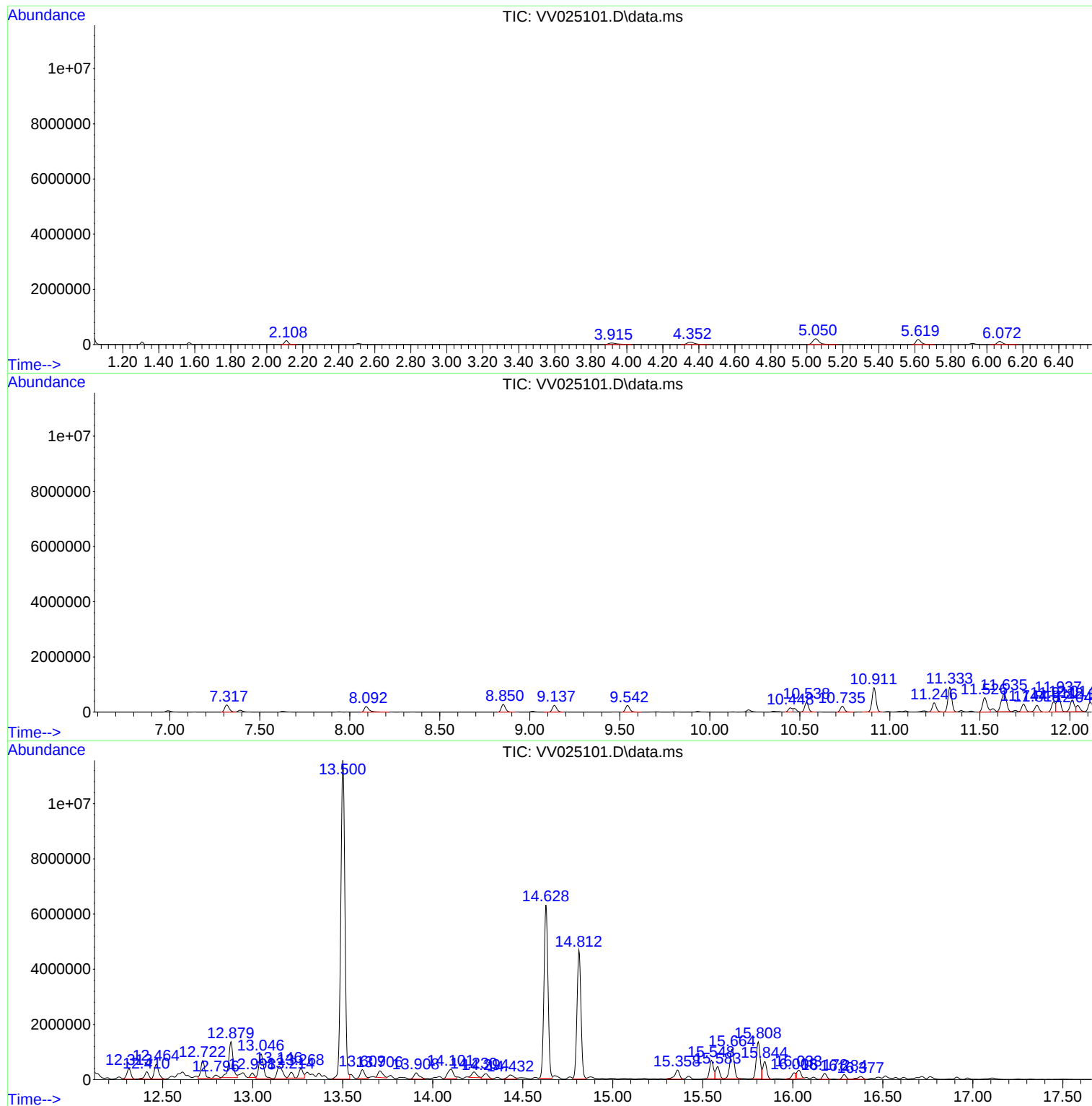
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ClientSampleId :
C0QA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
MSVOA_V
ClientSampleId :
C0QA7

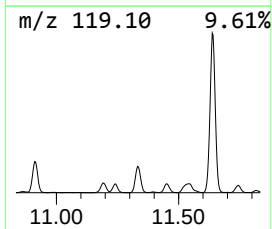
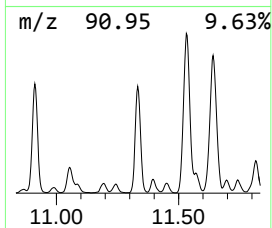
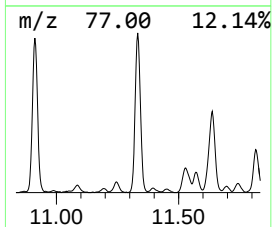
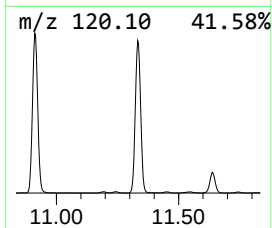
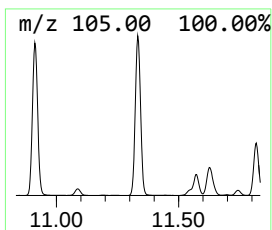
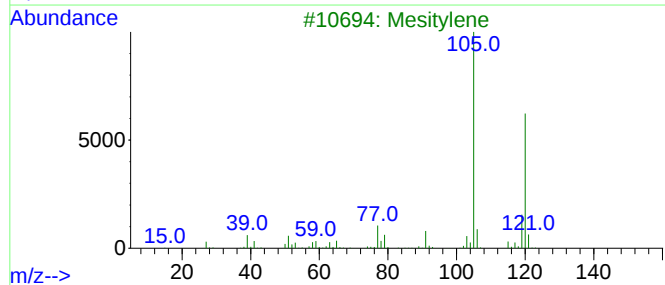
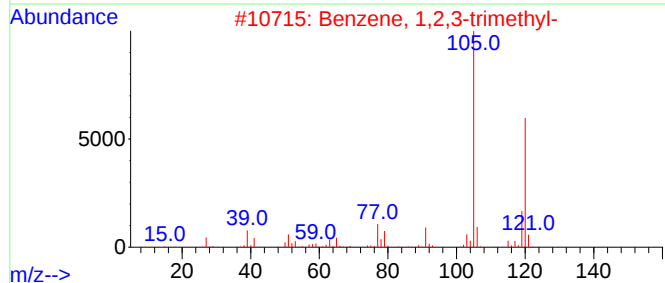
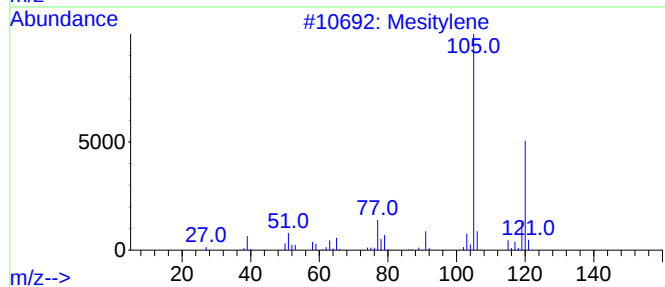
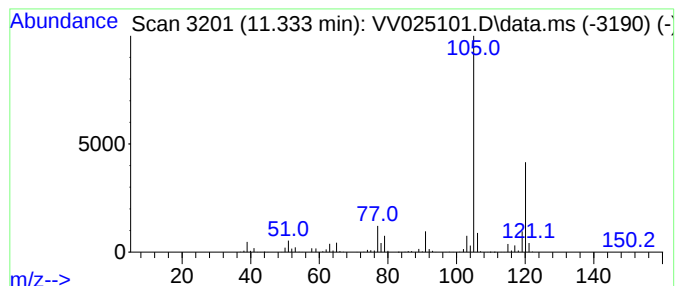
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	13.29 ug/L	1331740	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5			Mesitylene	120	C9H12	000108-67-8	93



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Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

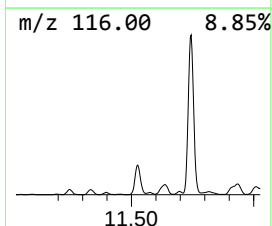
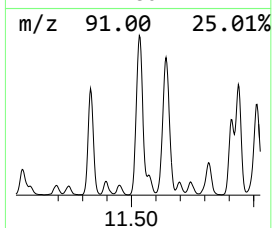
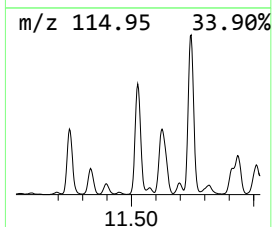
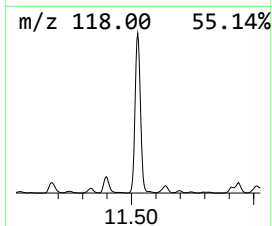
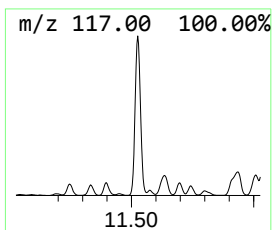
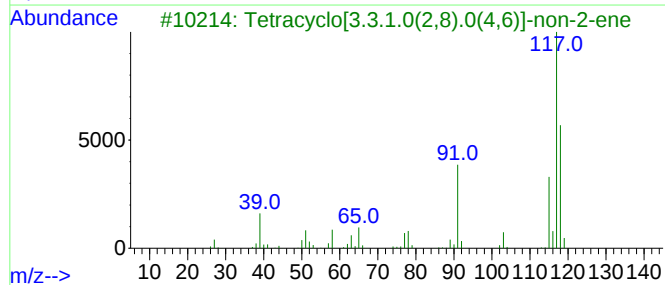
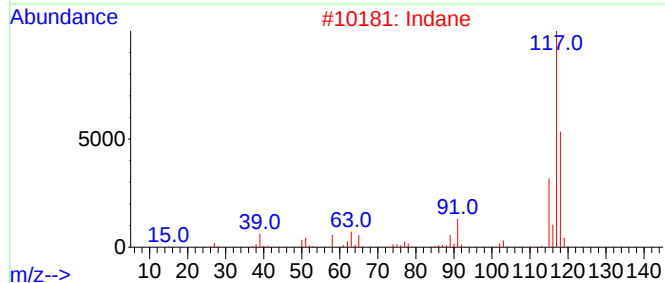
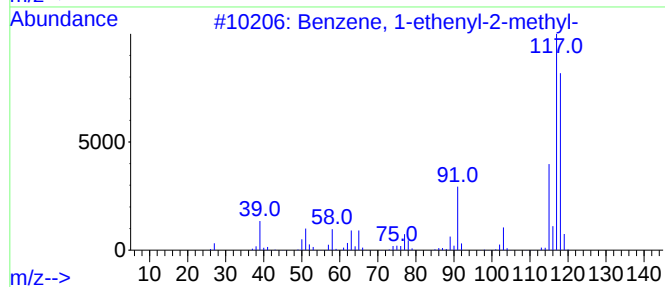
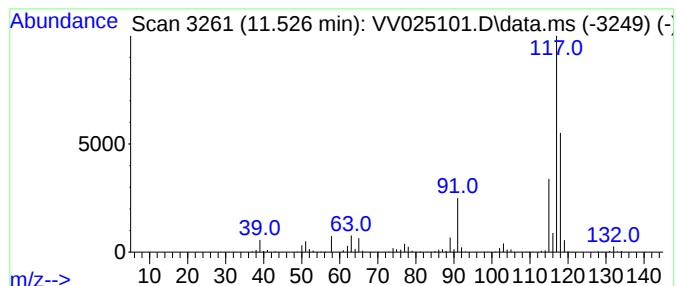
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.526	9.04 ug/L	905895	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
2			Indane	118	C9H10	000496-11-7	81
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4			Indane	118	C9H10	000496-11-7	74
5			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
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Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

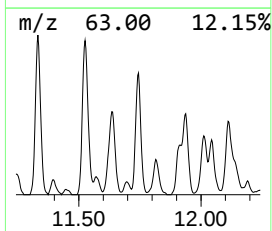
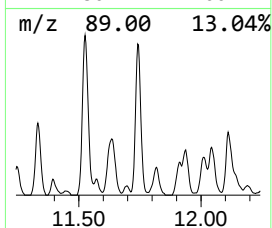
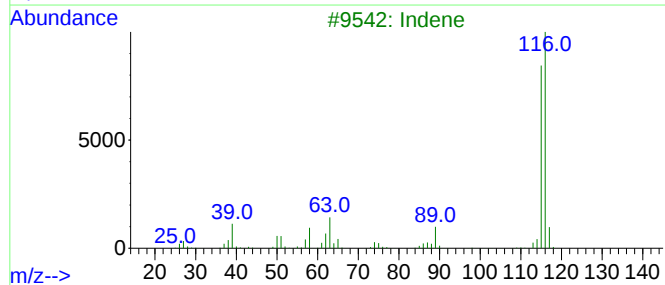
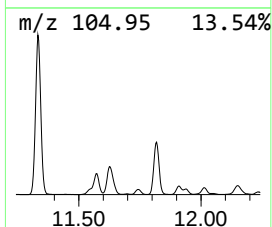
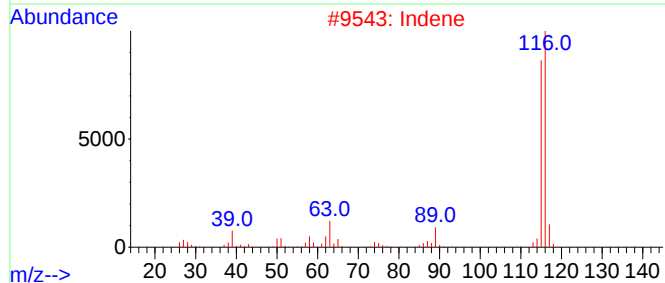
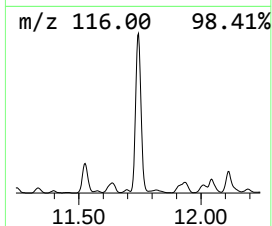
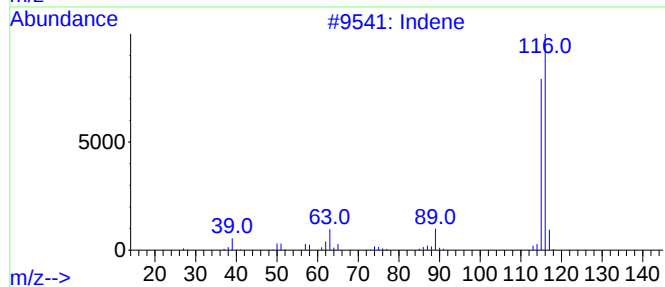
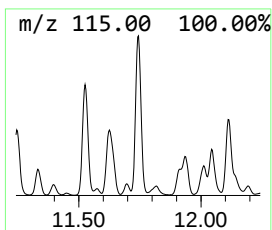
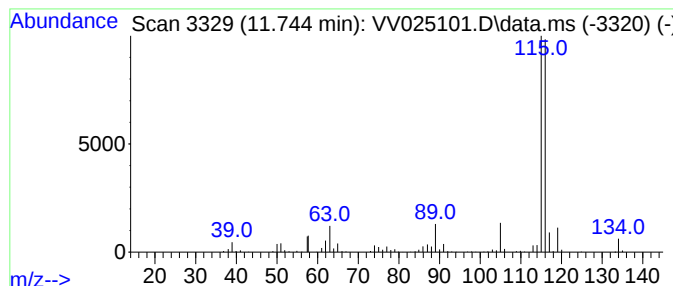
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Indene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	4.12 ug/L	412829	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	95
2			Indene	116	C9H8	000095-13-6	94
3			Indene	116	C9H8	000095-13-6	93
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	87
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87



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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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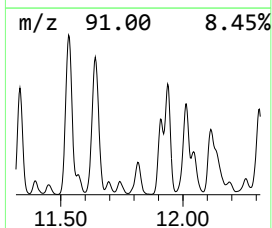
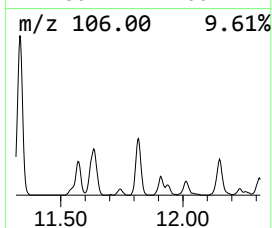
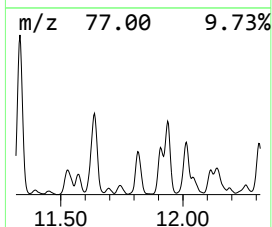
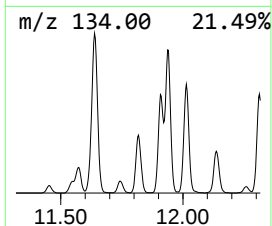
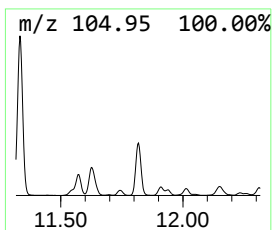
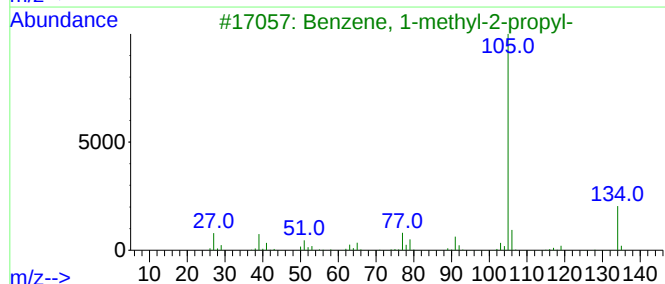
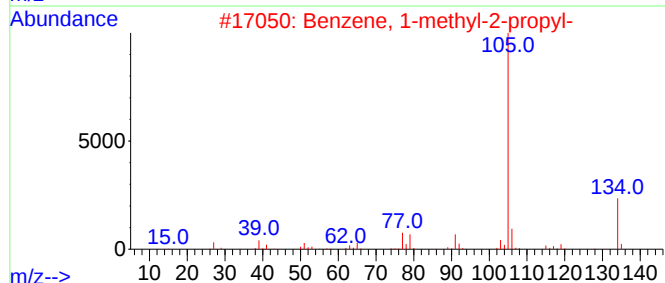
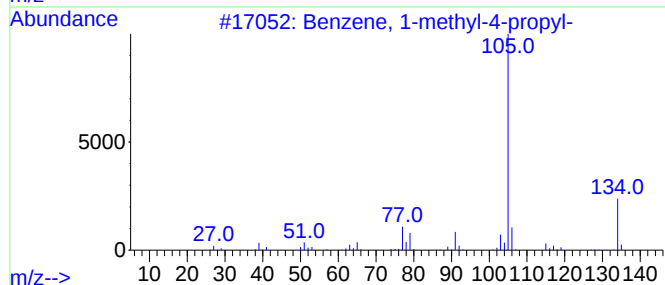
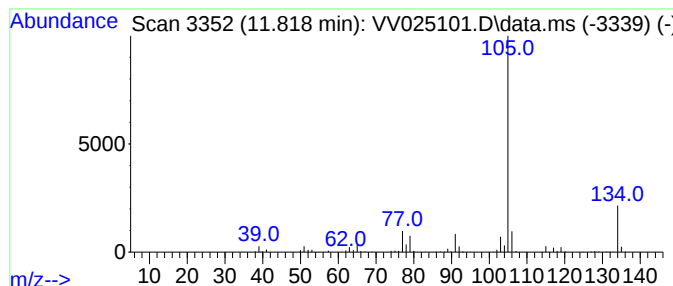
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	3.94 ug/L	394596	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91



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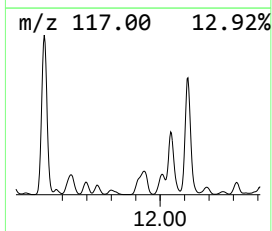
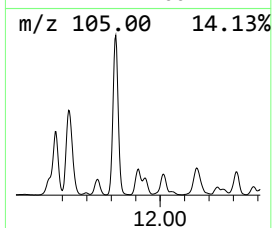
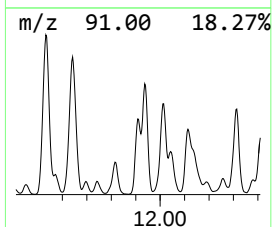
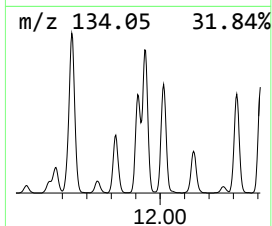
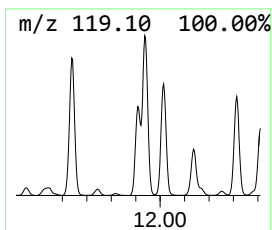
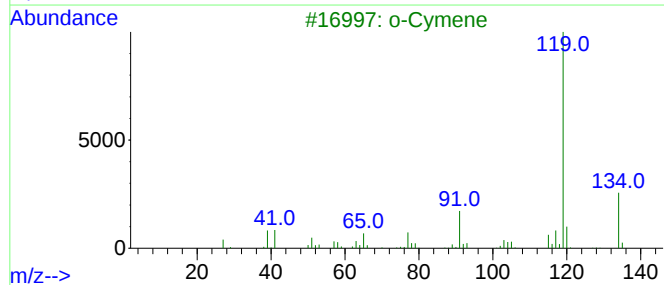
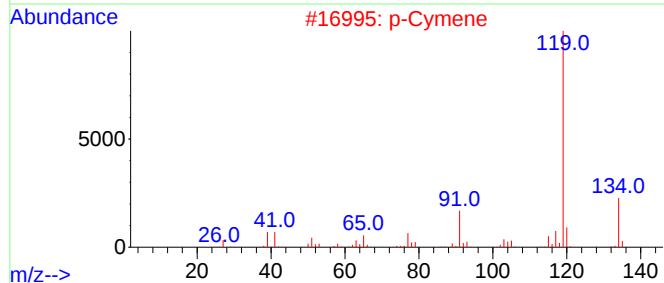
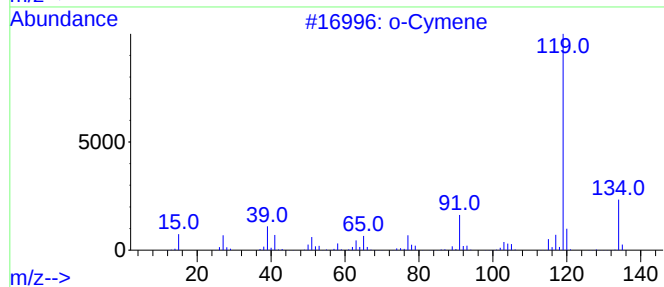
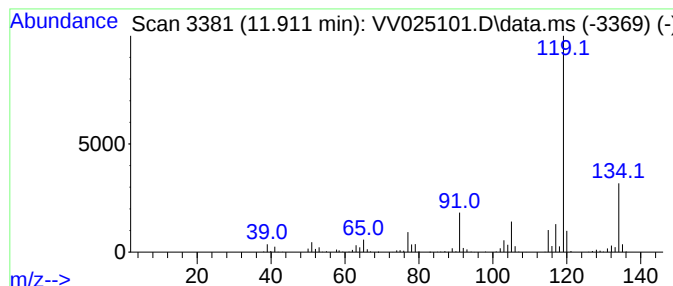
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.911	5.38 ug/L	539451	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	97
2			p-Cymene	134	C10H14	000099-87-6	97
3			o-Cymene	134	C10H14	000527-84-4	97
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

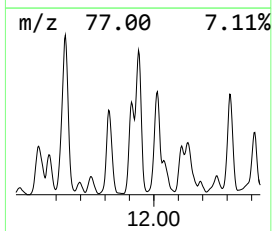
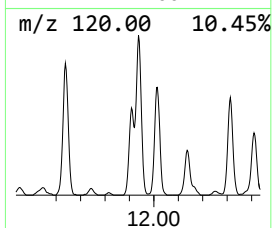
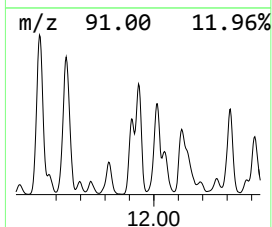
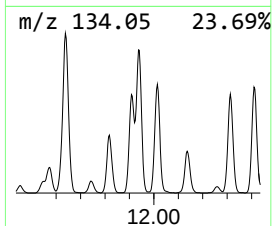
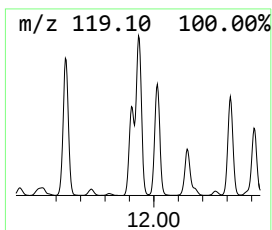
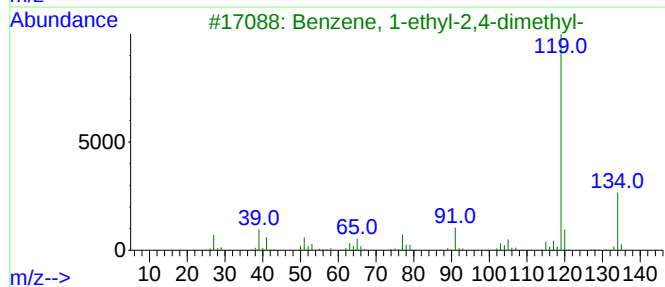
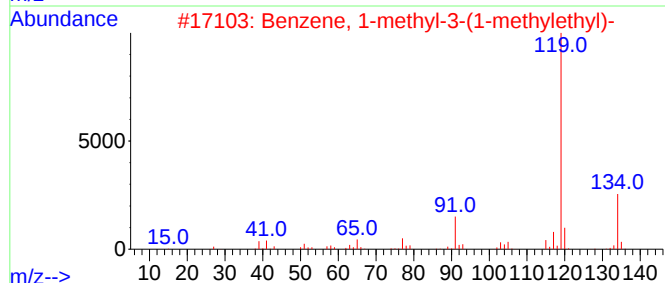
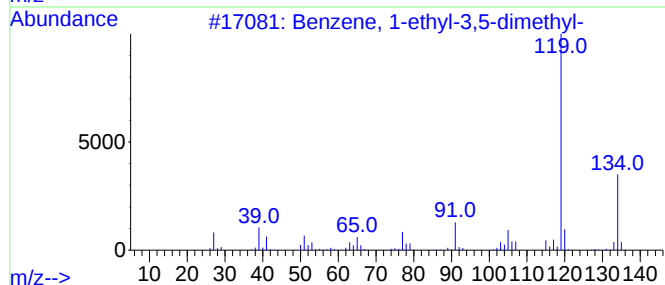
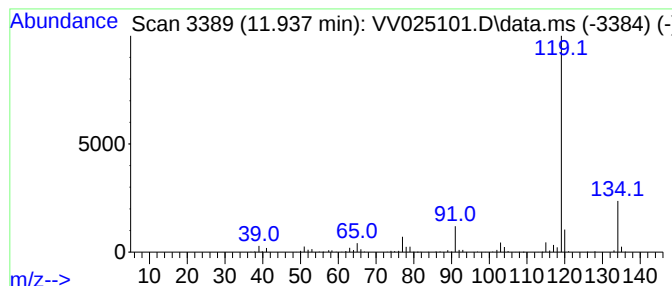
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.937	8.32 ug/L	833904	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

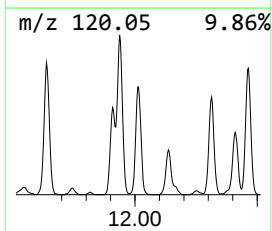
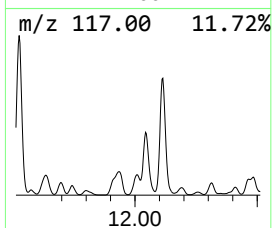
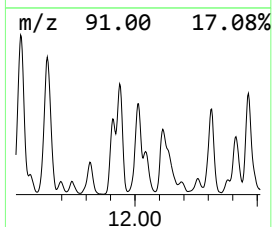
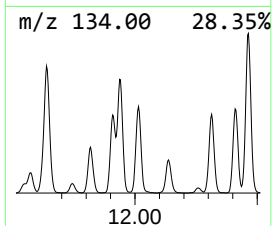
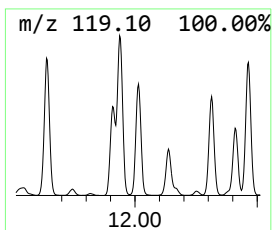
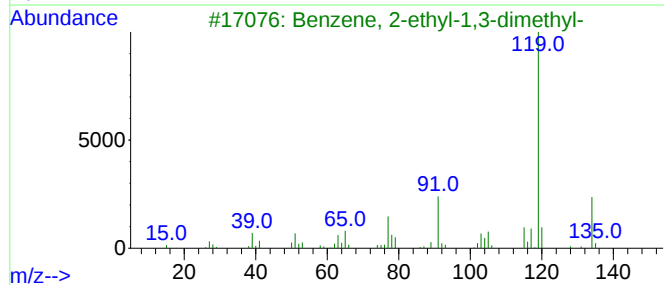
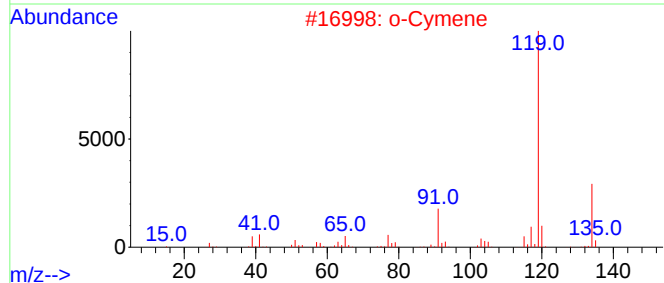
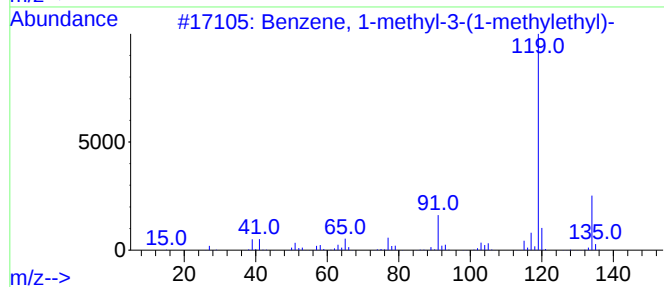
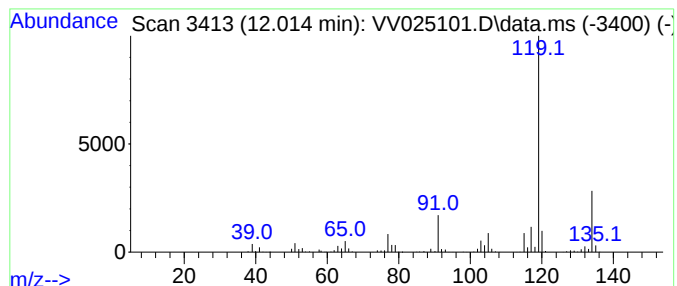
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	7.05 ug/L	706955	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

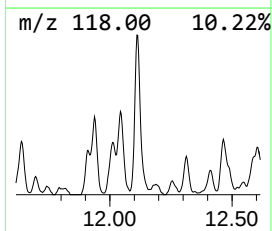
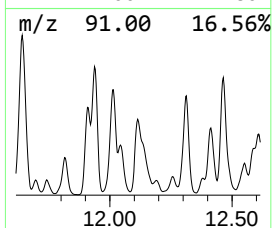
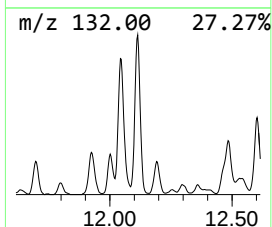
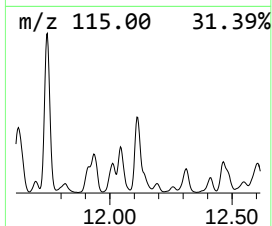
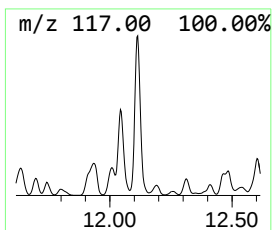
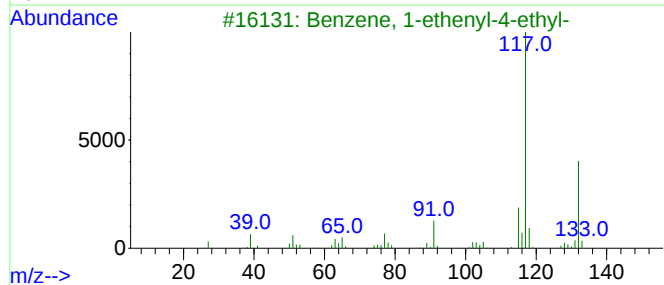
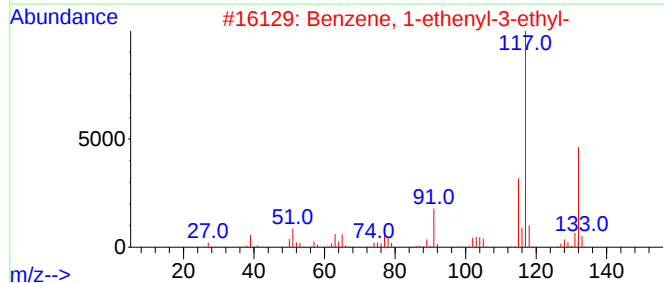
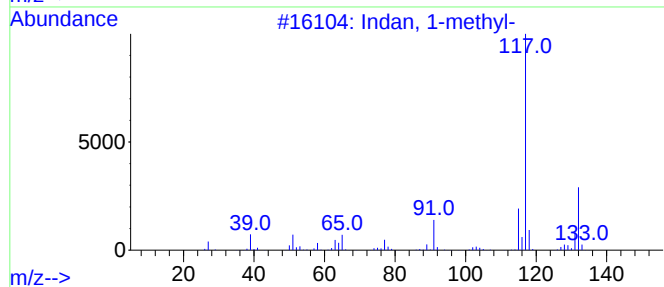
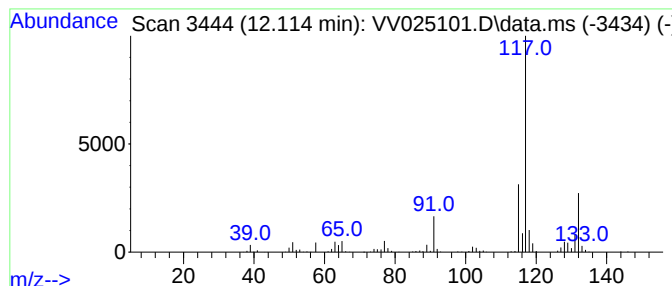
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Indan, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	8.43 ug/L	844926	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

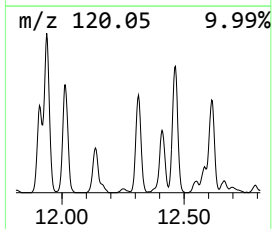
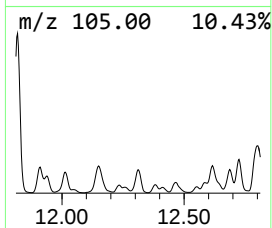
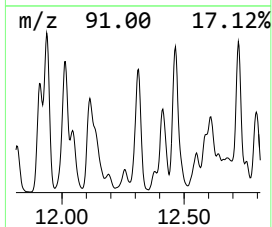
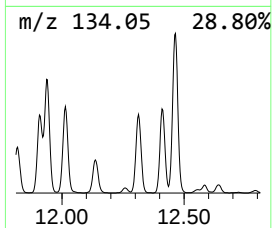
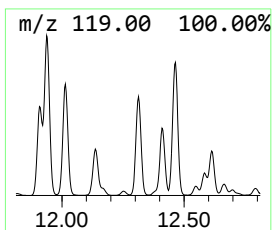
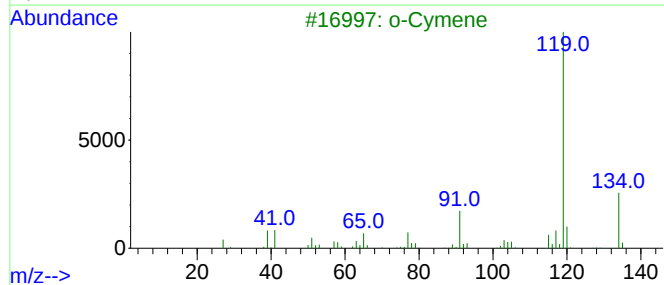
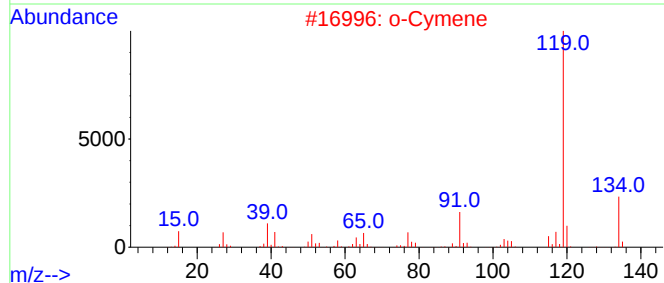
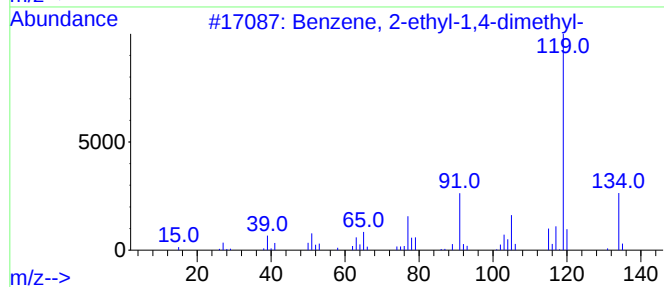
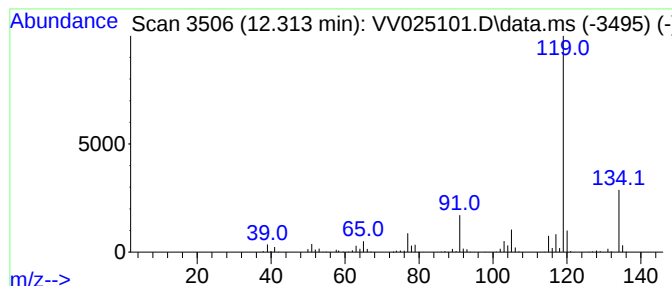
Instrument :
MSVOA_V
ClientSampleId :
C0QA7

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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.313	5.78 ug/L	579696	1,4-Dichlorobenzene-d4		11.246	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	96
2	o-Cymene		134	C10H14	000527-84-4	95
3	o-Cymene		134	C10H14	000527-84-4	95
4	o-Cymene		134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

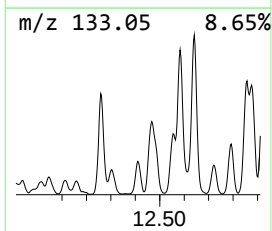
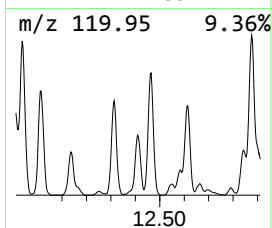
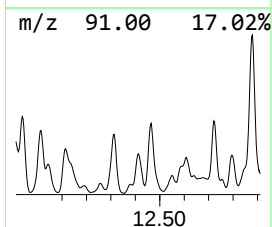
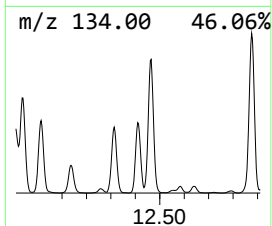
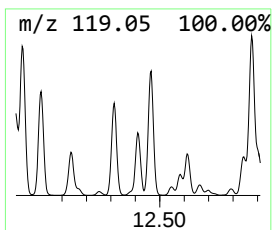
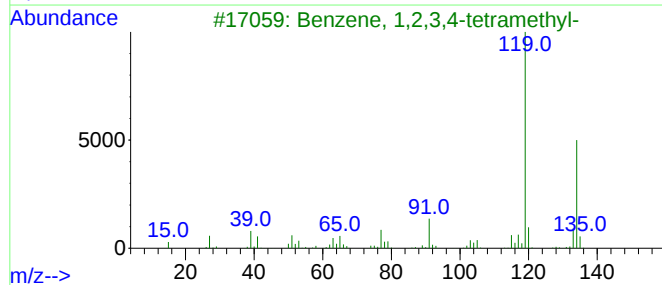
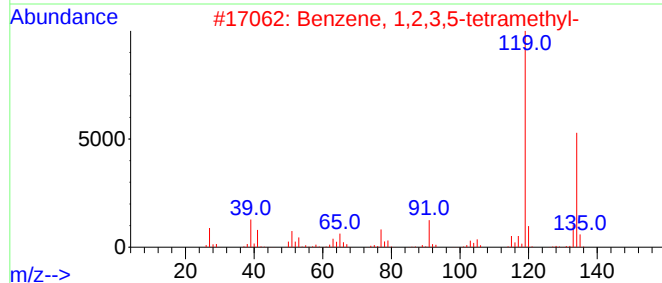
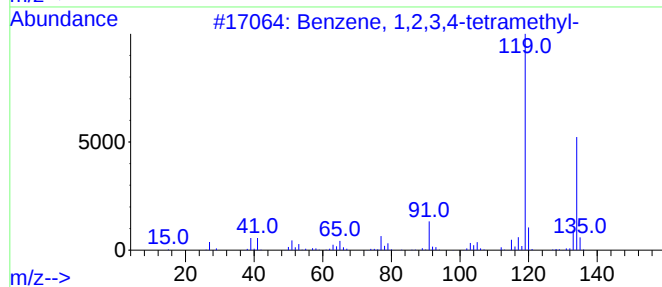
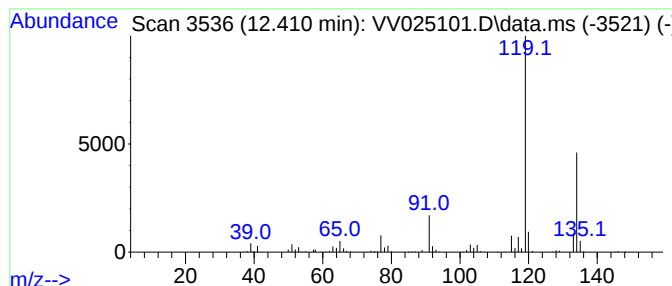
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.99 ug/L	399819	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

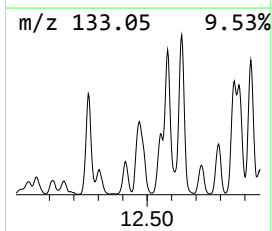
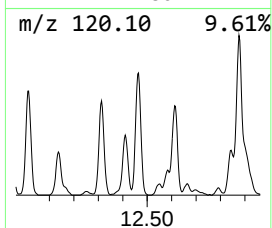
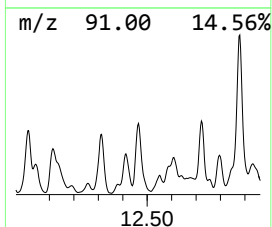
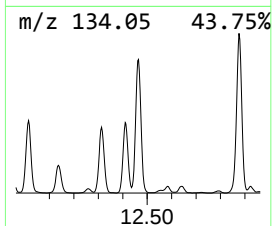
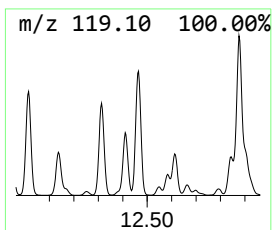
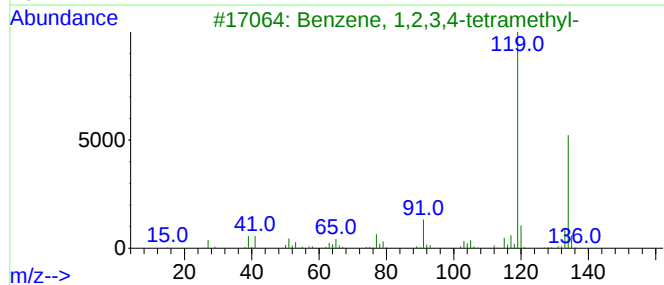
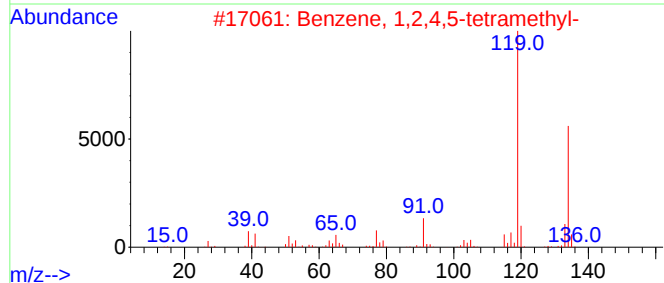
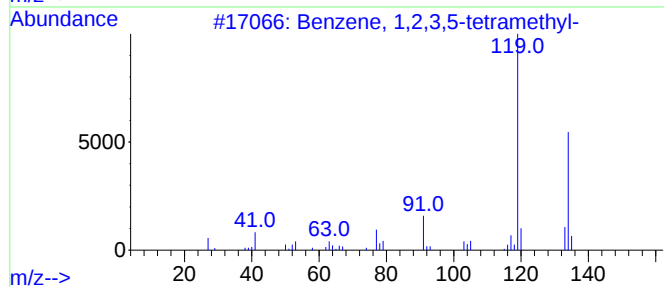
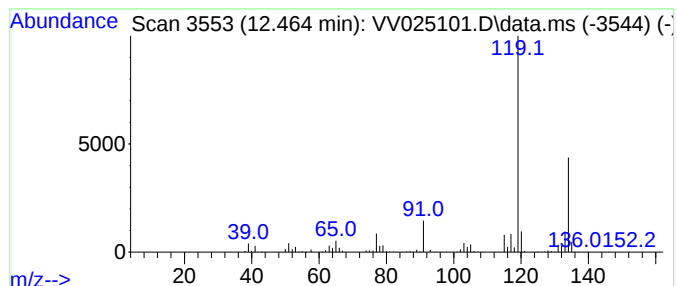
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	8.80 ug/L	882323	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

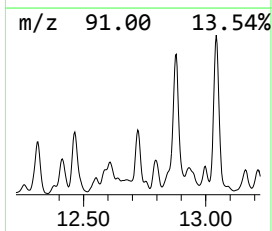
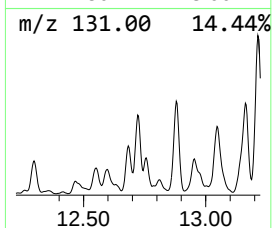
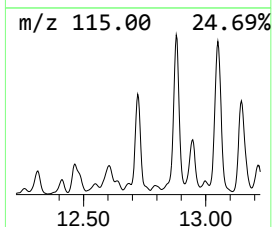
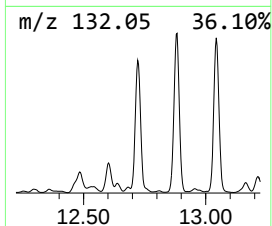
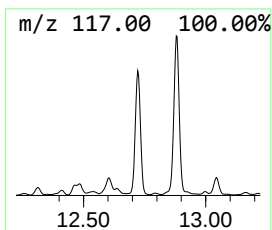
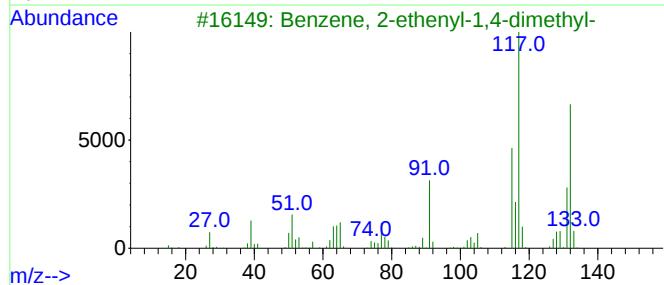
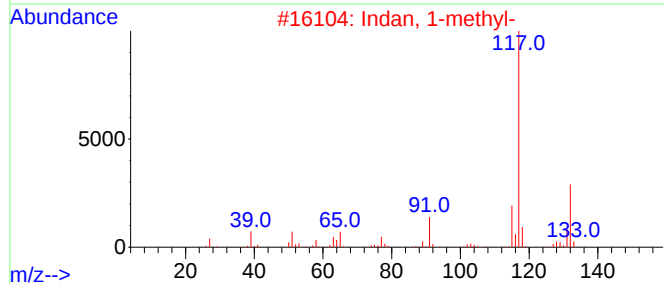
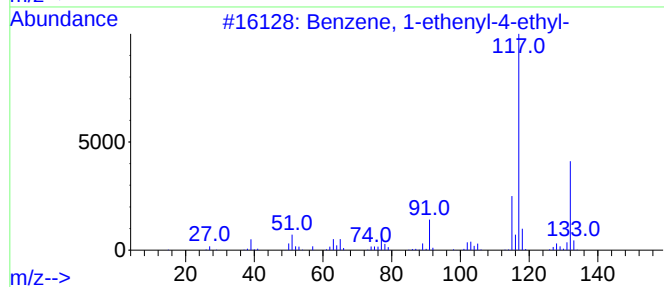
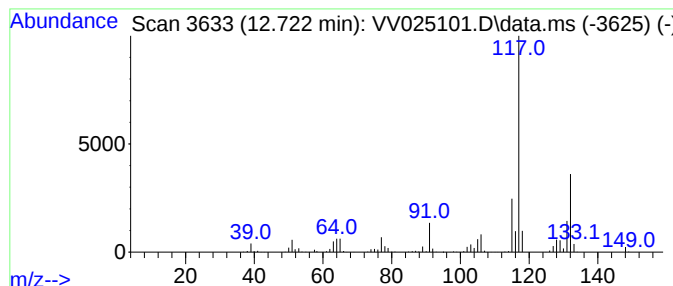
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	9.70 ug/L	972402	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Indan, 1-methyl-	132	C10H12	000767-58-8	93
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4			1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	91
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

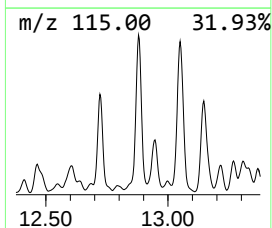
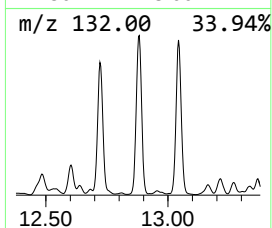
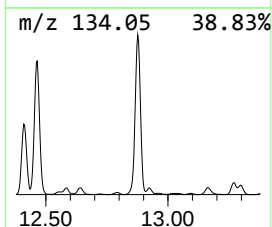
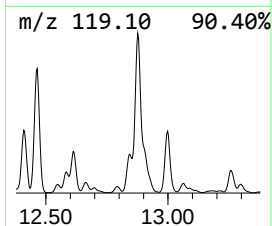
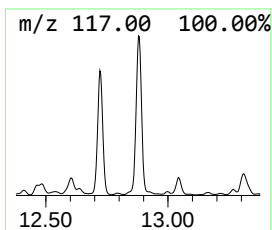
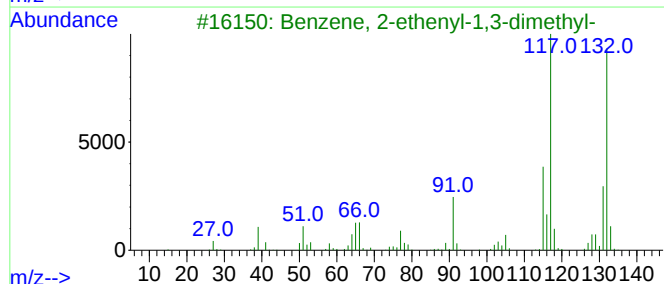
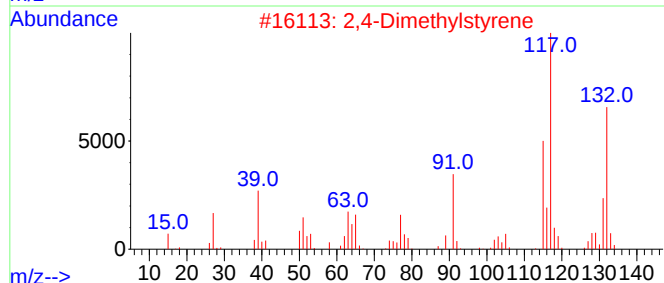
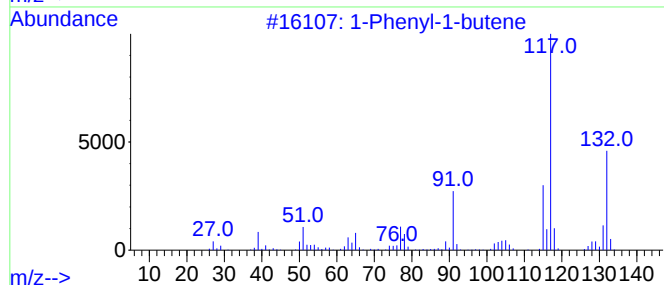
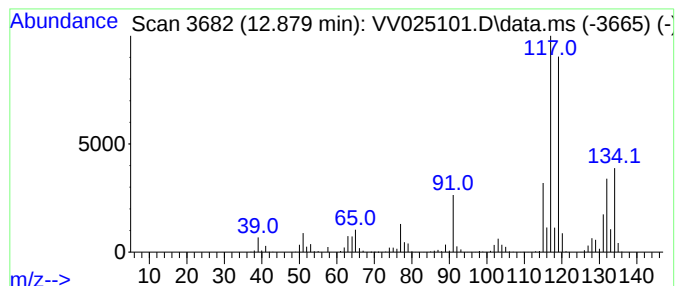
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	22.52 ug/L	2257510	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
3			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

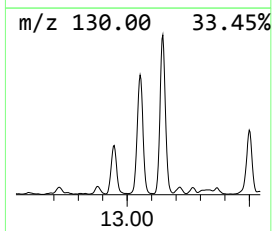
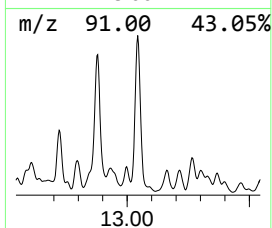
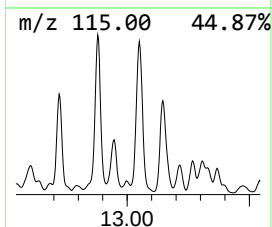
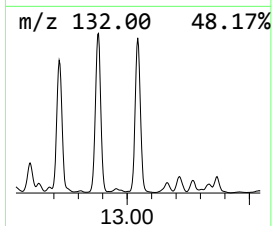
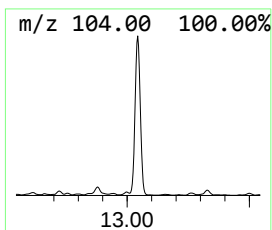
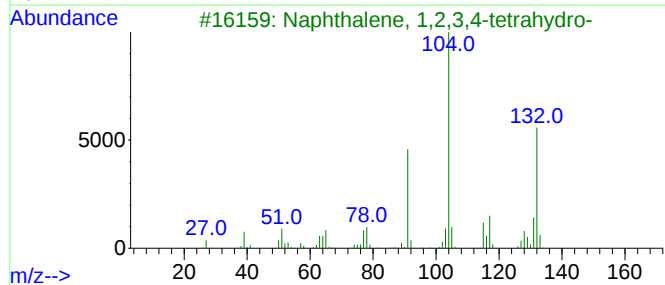
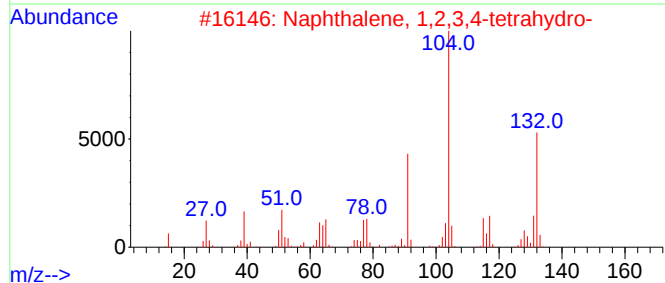
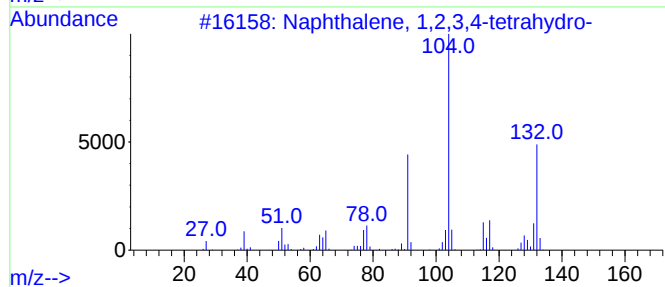
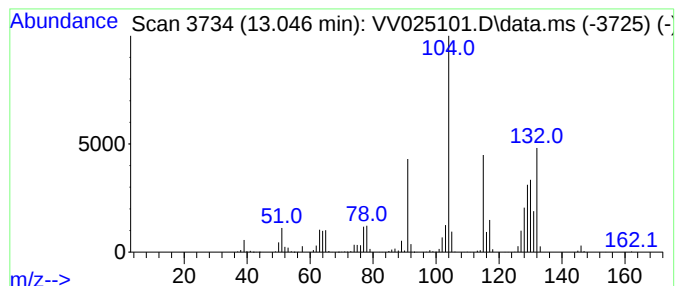
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.046	16.32 ug/L	1635730	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

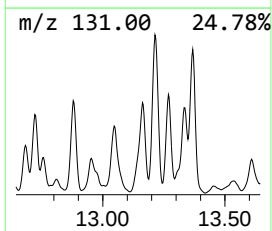
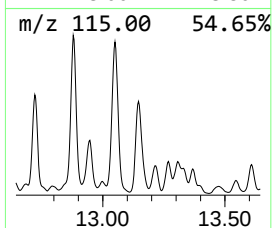
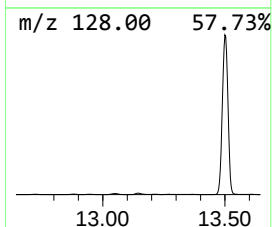
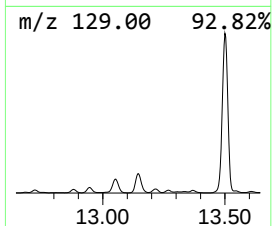
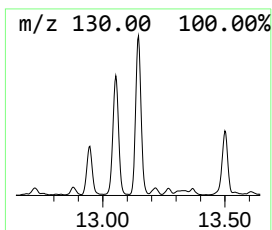
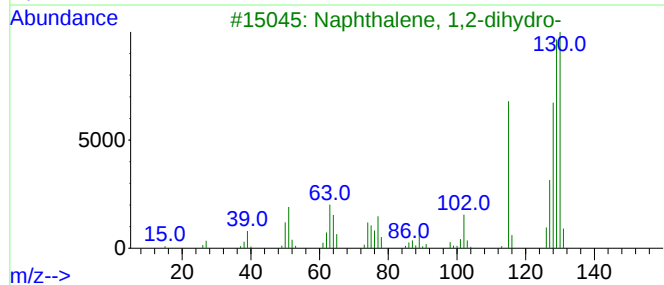
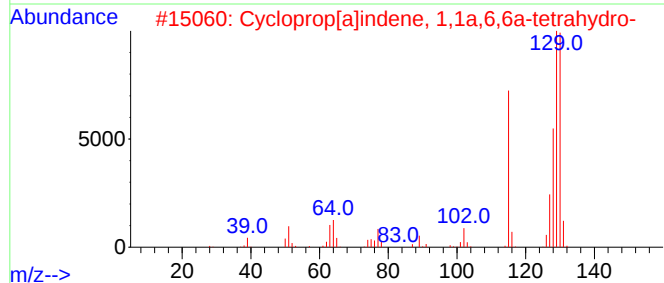
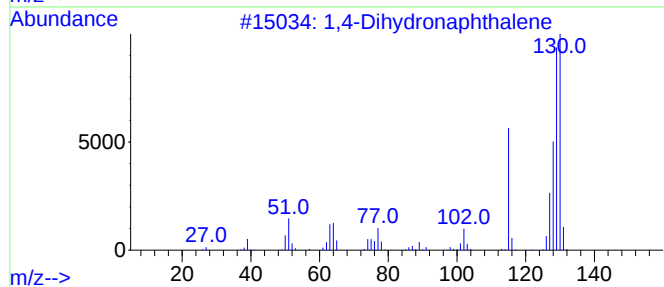
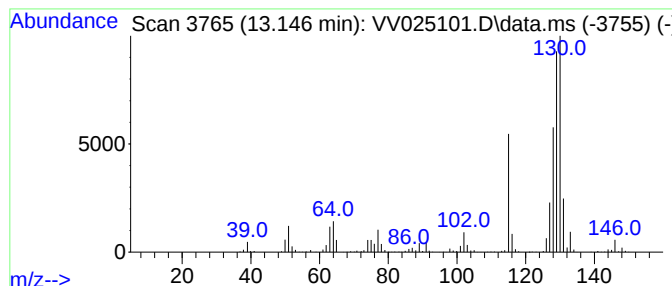
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 1,4-Dihydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.146	9.68 ug/L	970191	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
4			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

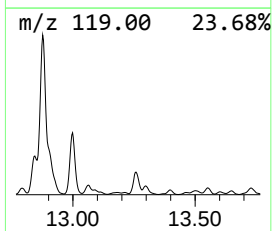
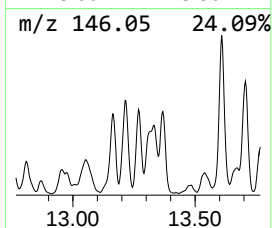
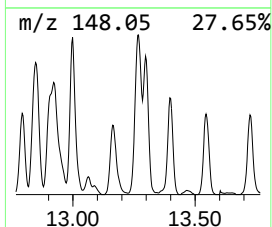
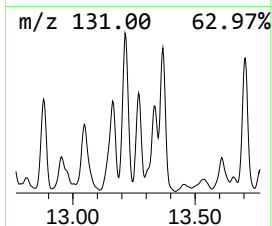
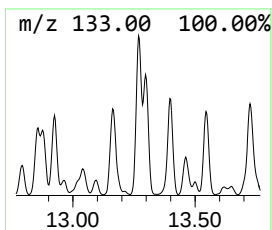
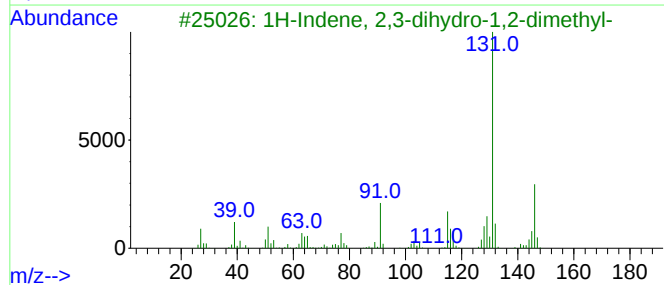
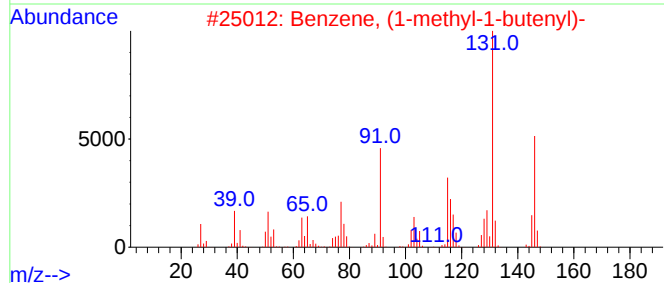
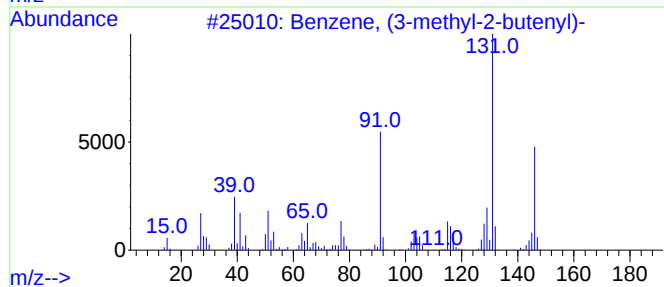
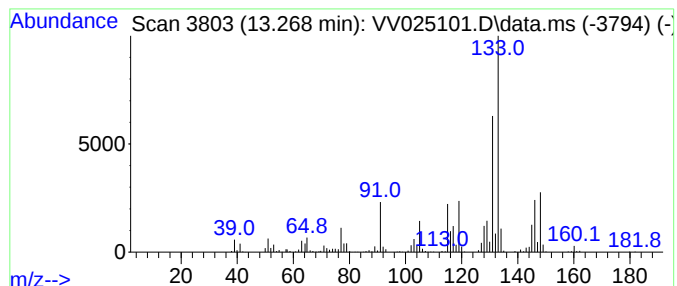
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 Benzene, (3-methyl-2-butenyl)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	5.60 ug/L	560956	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
4			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

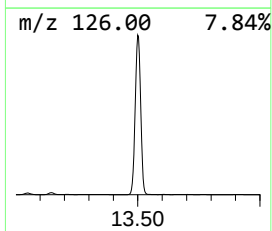
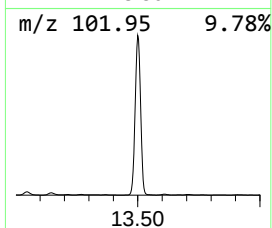
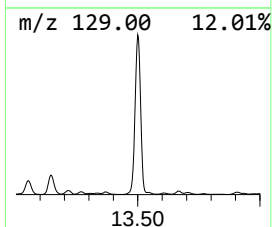
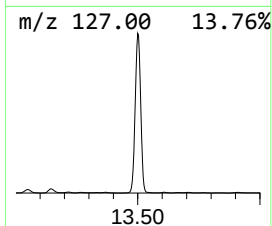
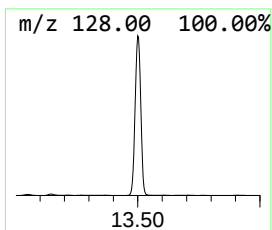
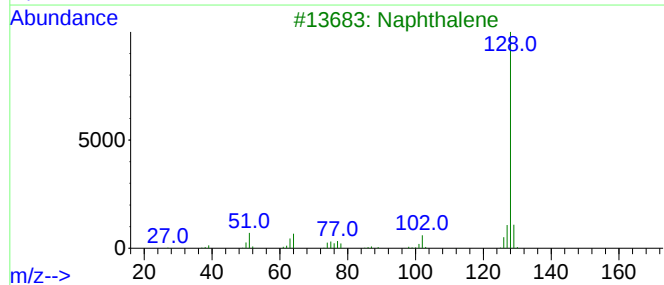
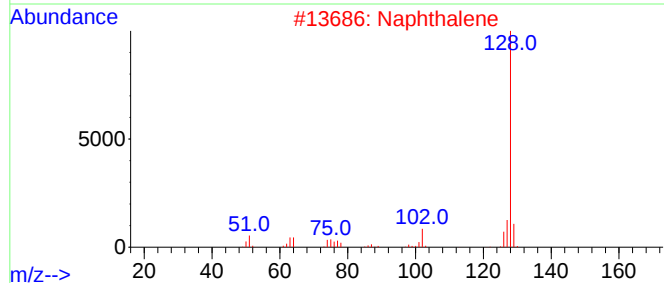
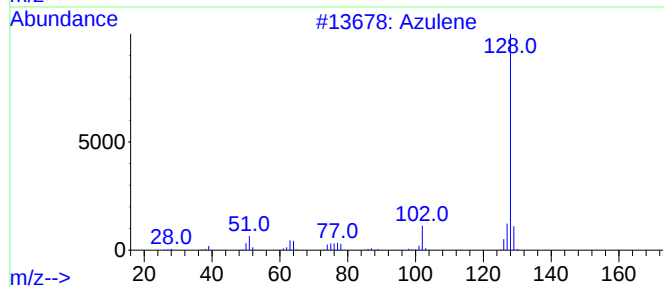
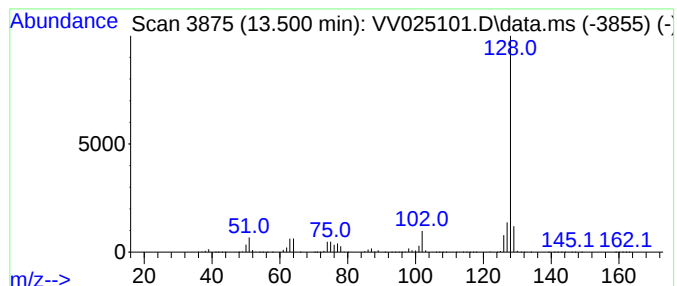
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	182.57 ug/L	18301400	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Naphthalene	128	C10H8	000091-20-3	95
4			Naphthalene	128	C10H8	000091-20-3	94
5			Azulene	128	C10H8	000275-51-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

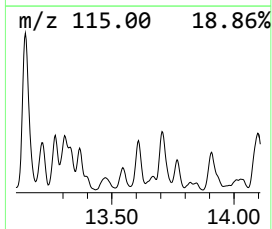
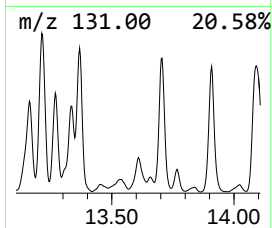
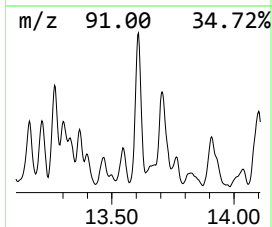
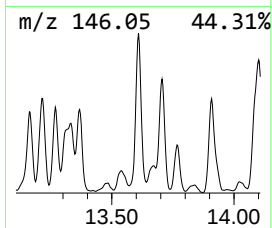
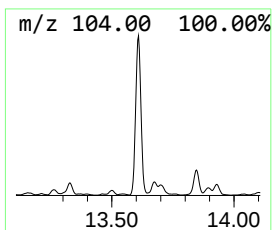
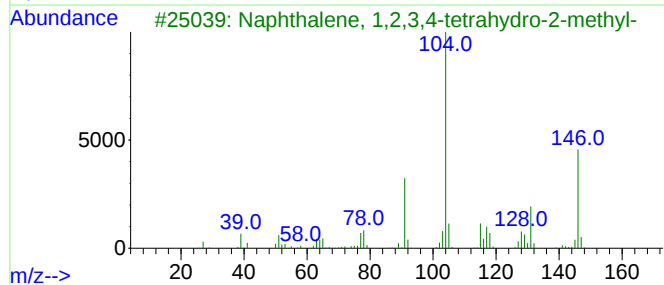
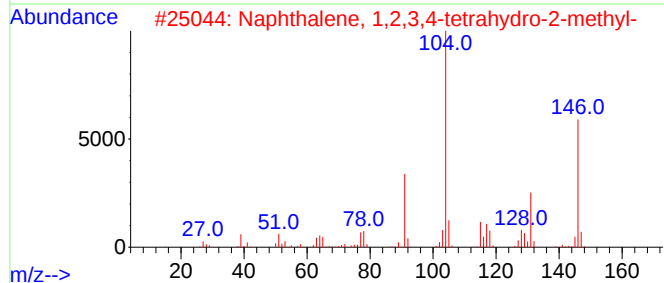
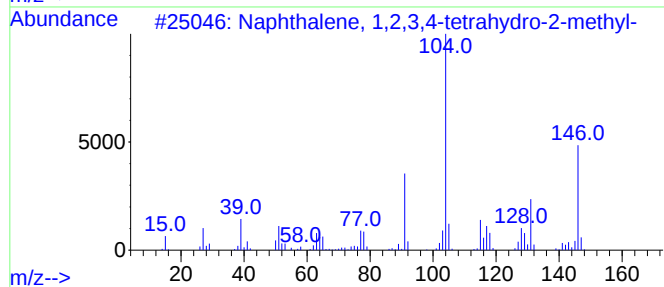
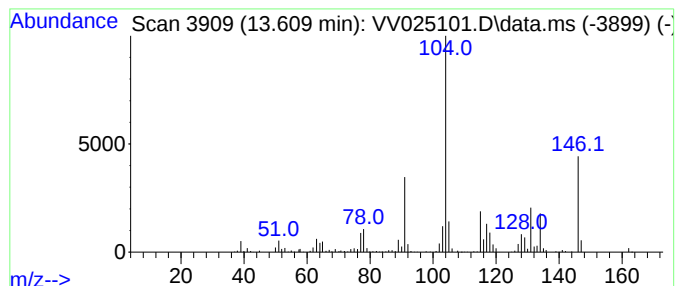
Instrument :
MSVOA_V
ClientSampleId :
C0QA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.609	5.29 ug/L	530743	1,4-Dichlorobenzene-d4		11.246	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	003877-19-8	94
3	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	003877-19-8	94
4	Naphthalene, 1,2,3,4-tetrahydro-...		146	C11H14	003877-19-8	90
5	2(1H)-Naphthalenone, 3,4-dihydro-		146	C10H10O	000530-93-8	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

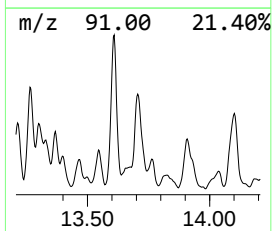
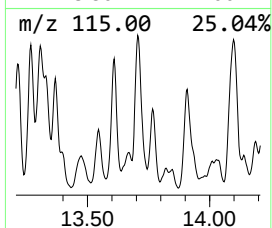
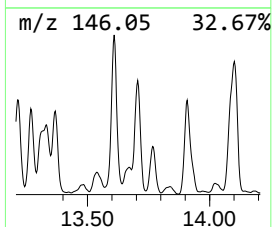
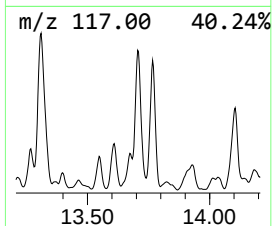
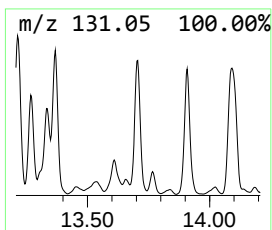
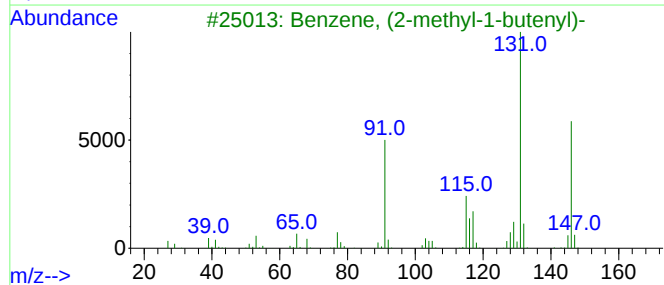
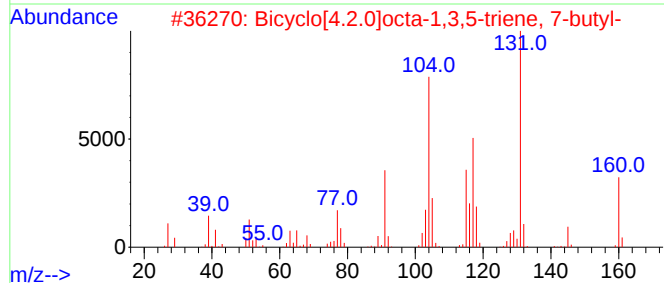
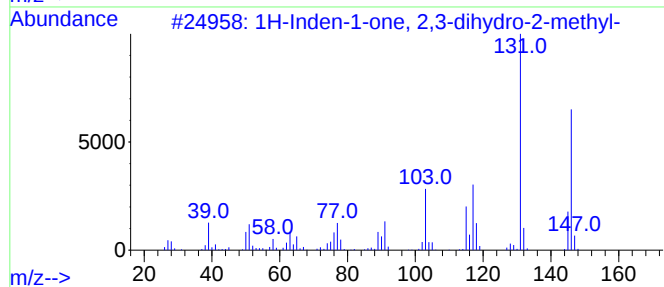
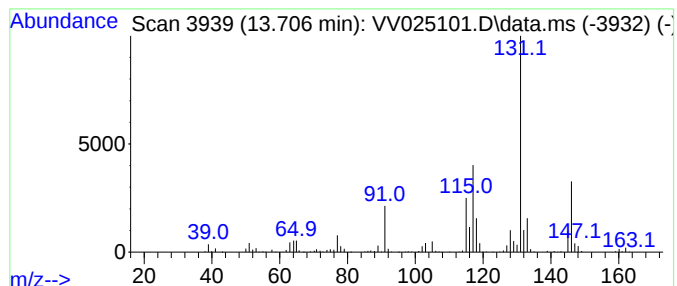
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.706	4.56 ug/L	456848	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	93
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	87
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
4			1-Methylindan-2-one	146	C10H10O	035587-60-1	80
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

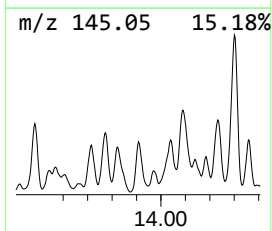
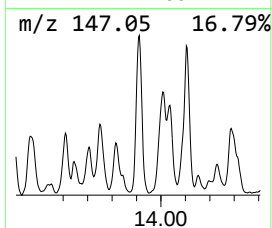
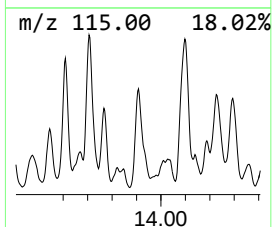
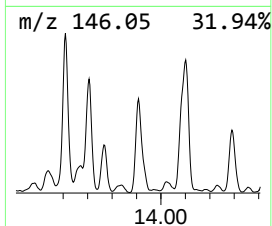
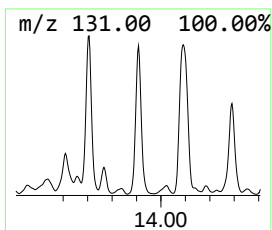
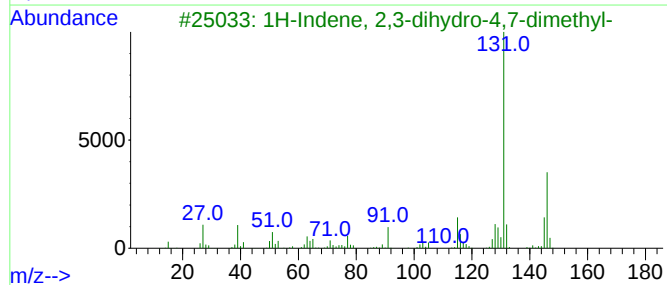
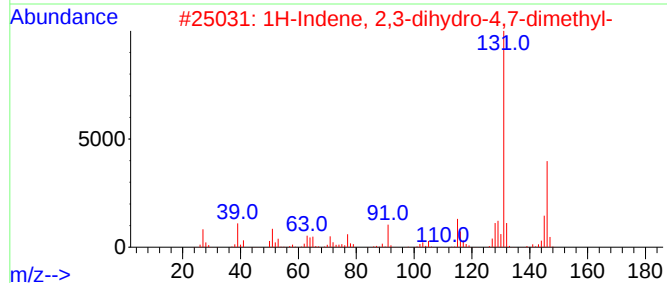
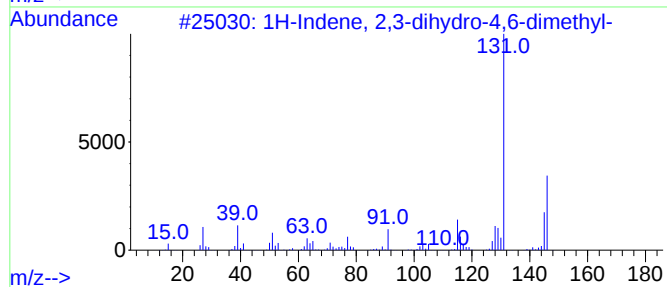
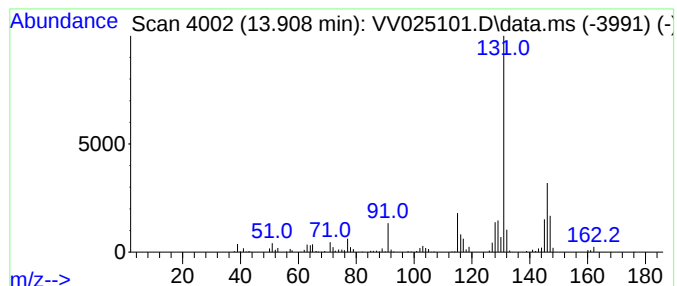
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.908	4.47 ug/L	448205	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
5			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

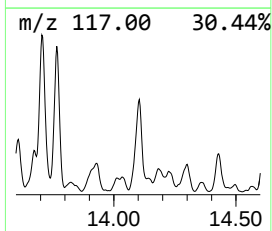
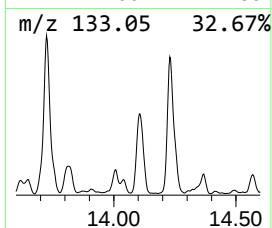
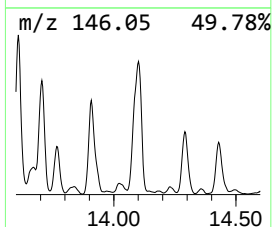
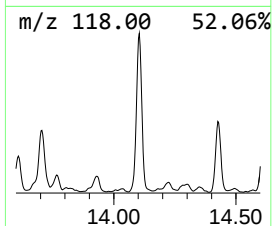
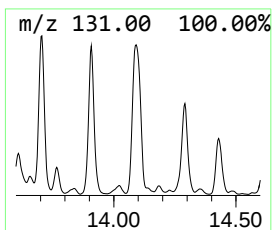
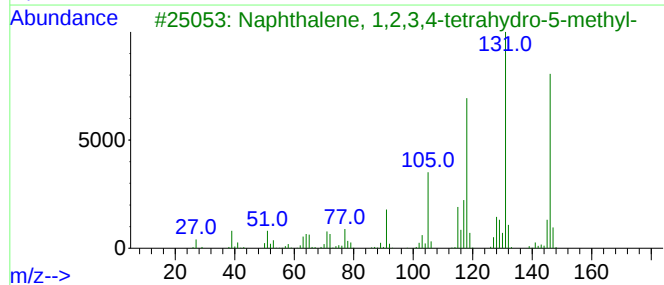
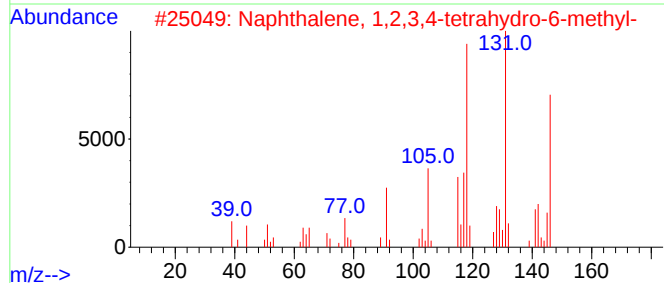
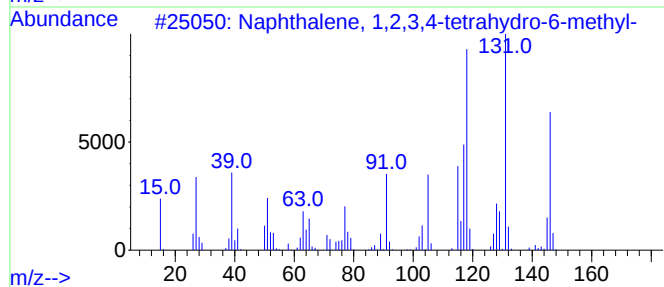
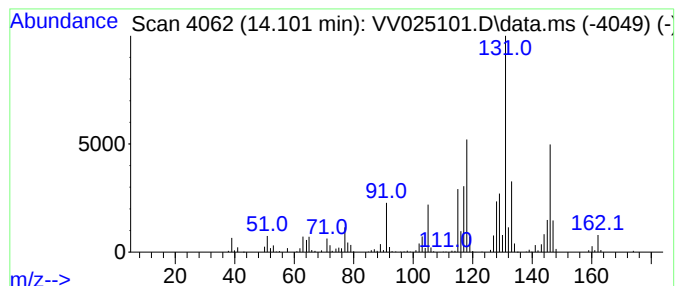
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.101	7.55 ug/L	756756	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

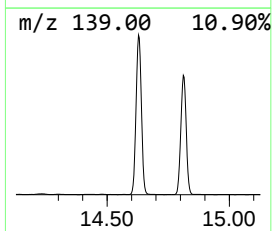
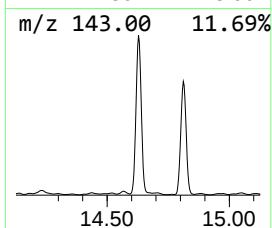
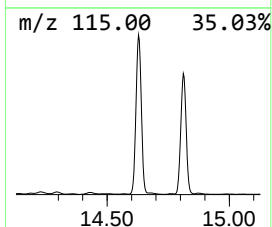
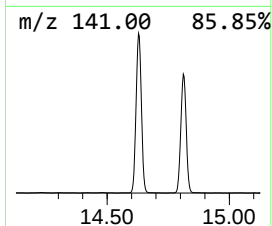
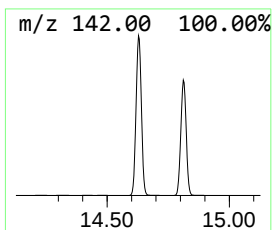
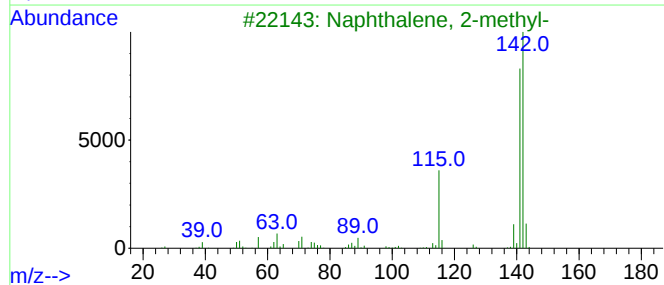
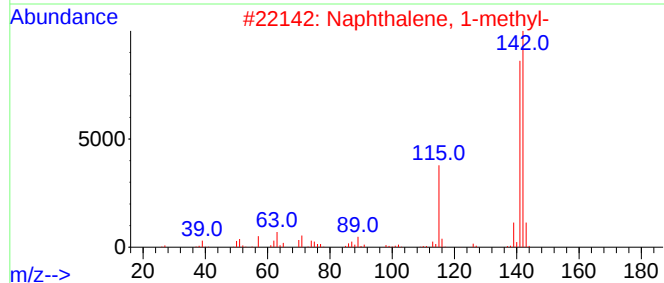
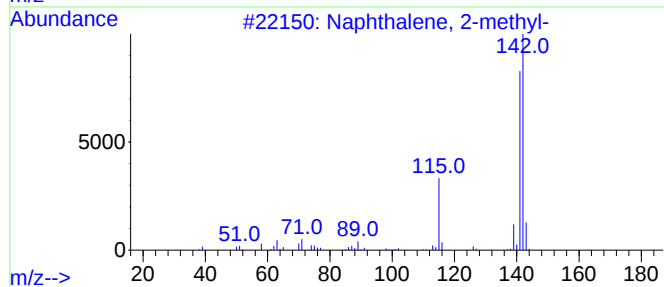
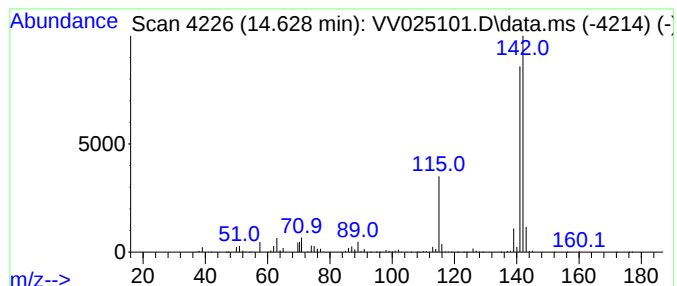
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.628	95.07 ug/L	9529570	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

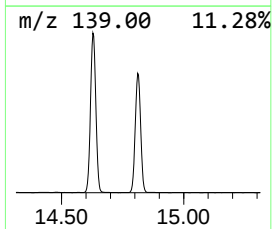
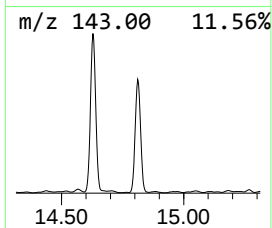
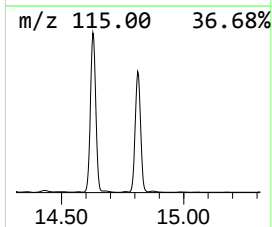
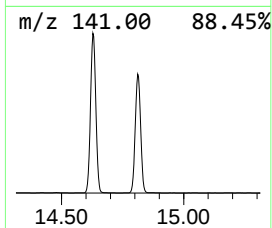
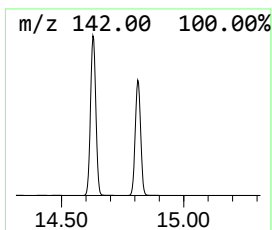
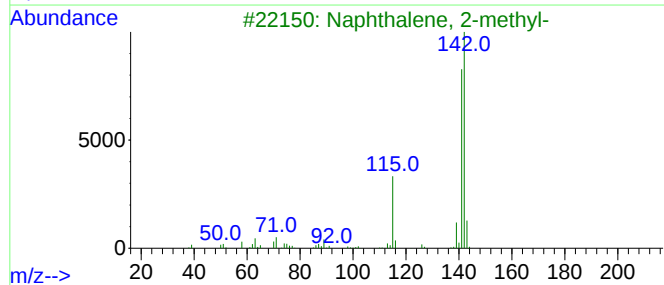
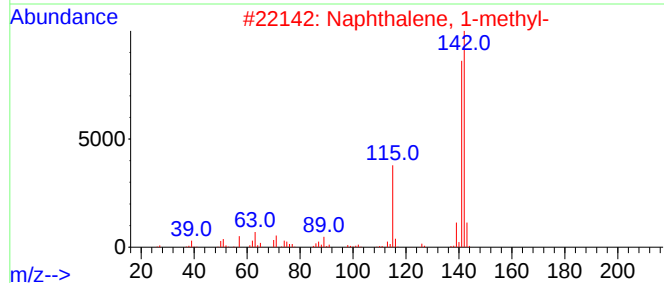
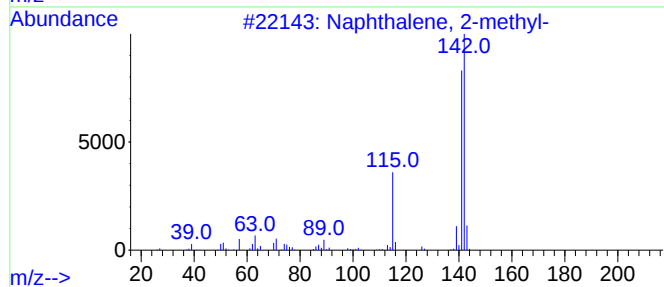
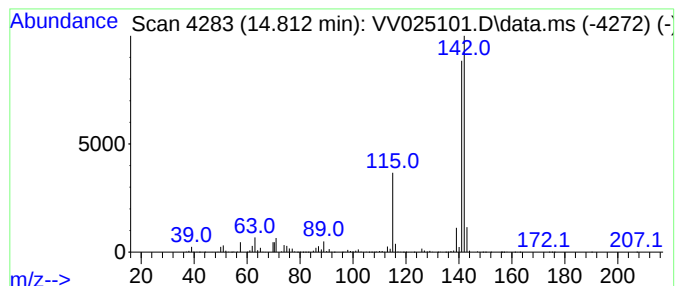
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	71.62 ug/L	7179640	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

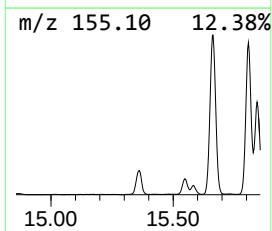
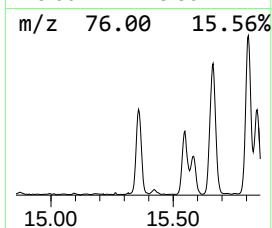
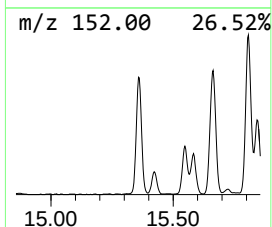
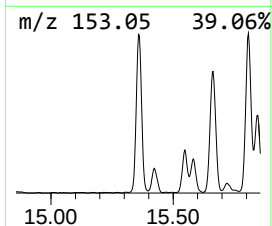
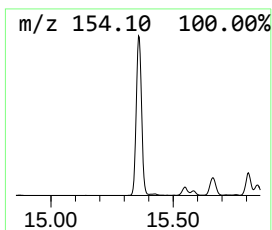
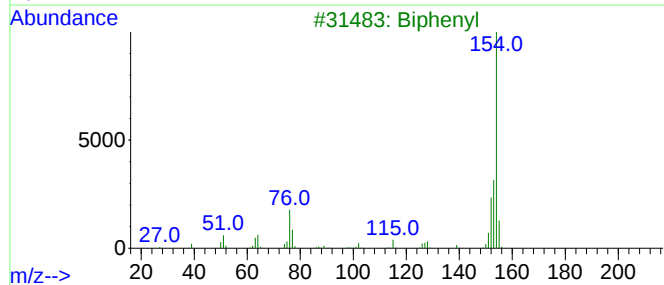
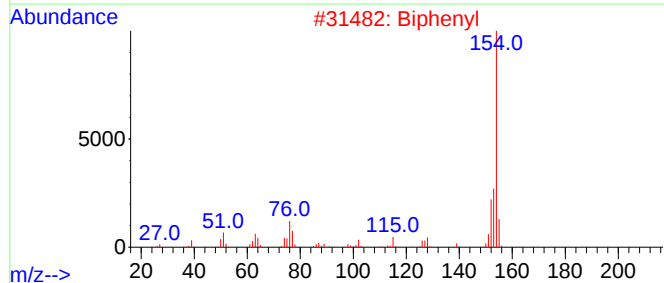
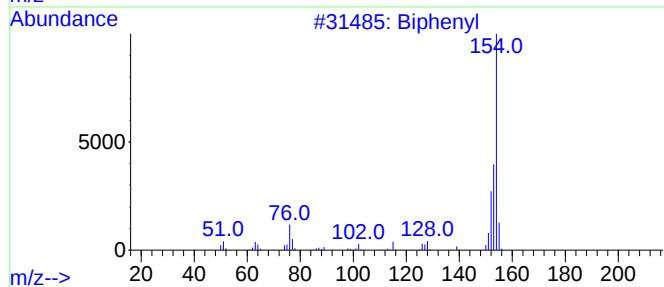
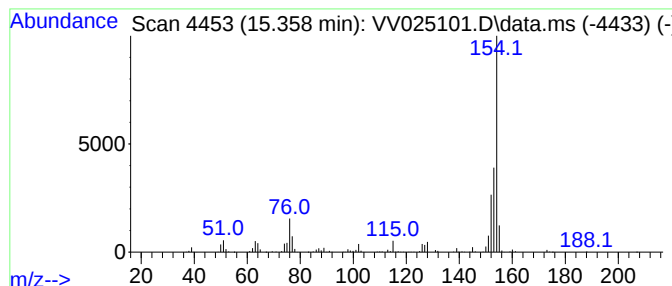
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 Biphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	5.90 ug/L	591006	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Biphenyl	154	C12H10	000092-52-4	94
3			Biphenyl	154	C12H10	000092-52-4	94
4			Biphenyl	154	C12H10	000092-52-4	93
5			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

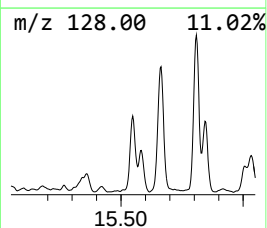
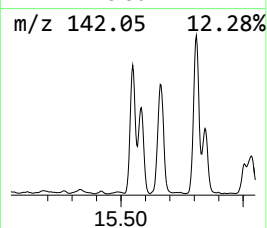
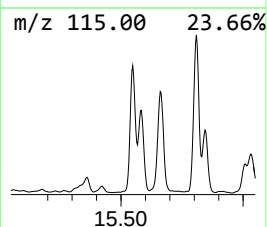
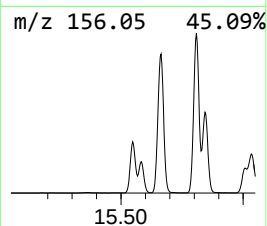
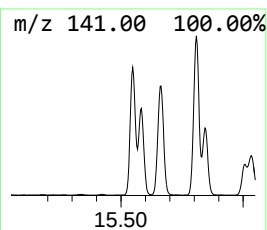
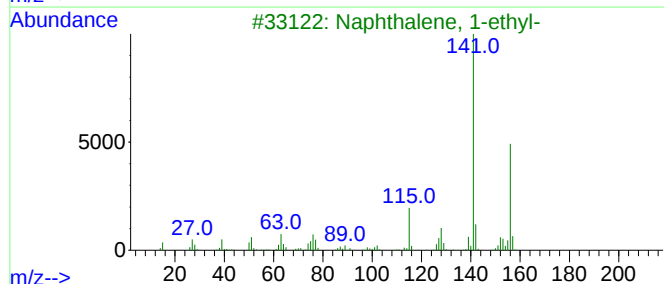
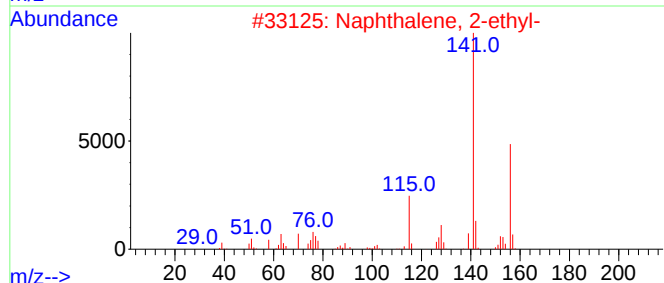
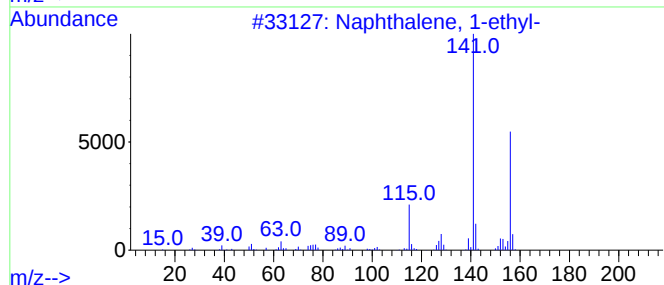
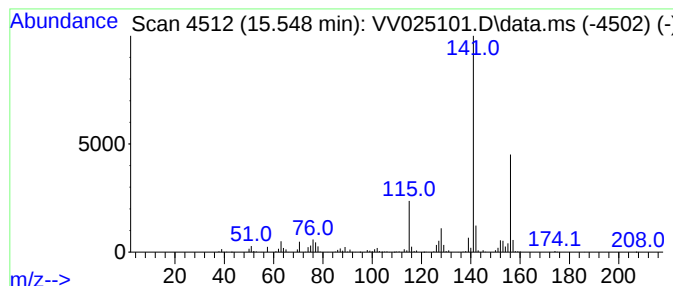
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	10.03 ug/L	1005820	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

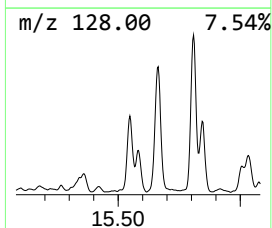
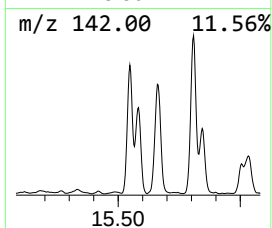
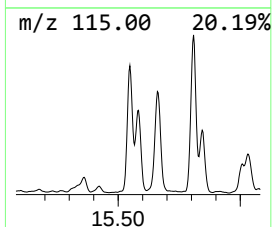
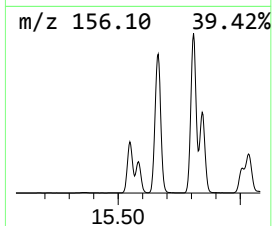
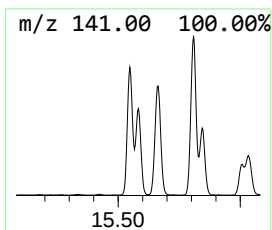
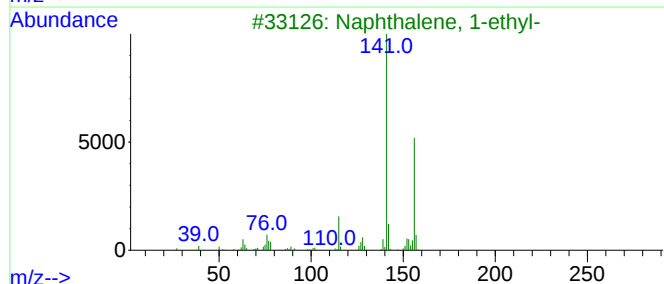
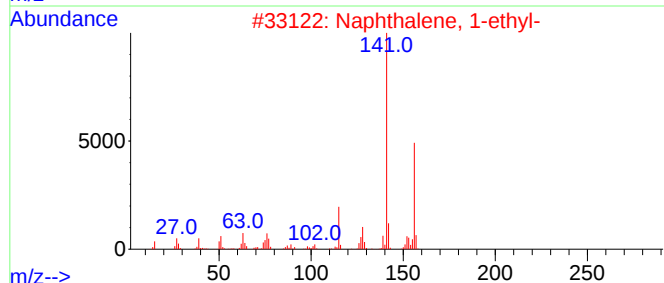
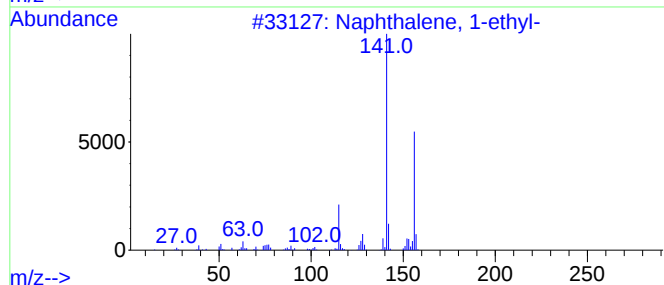
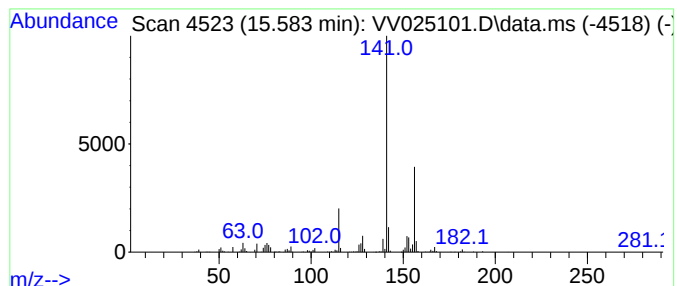
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.583	6.06 ug/L	607302	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
4			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

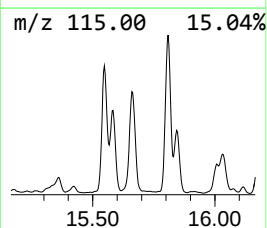
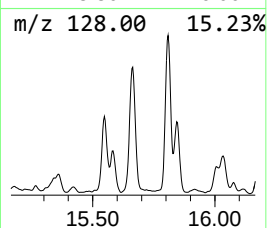
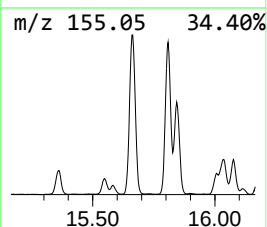
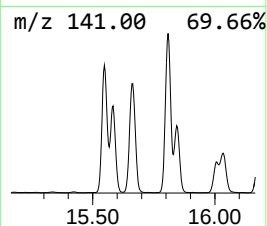
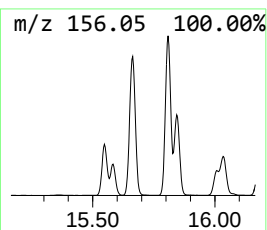
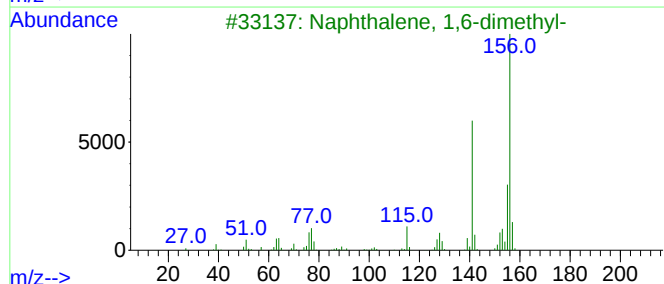
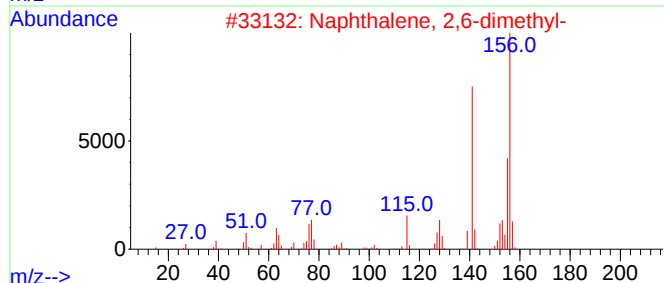
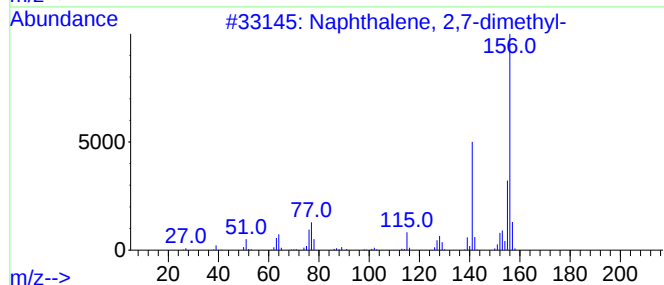
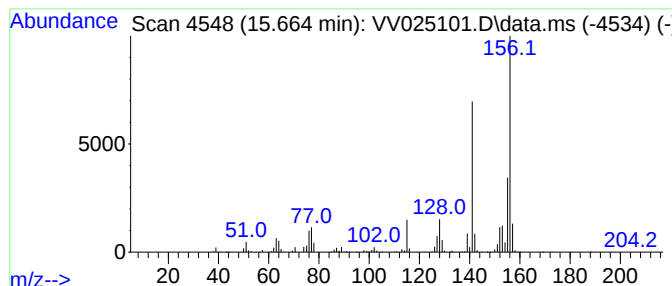
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.664	17.73 ug/L	1776810	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

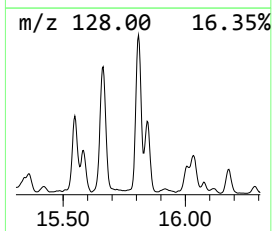
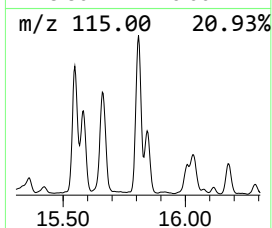
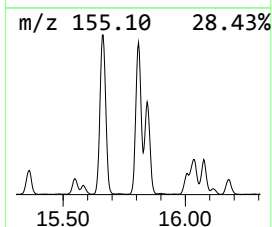
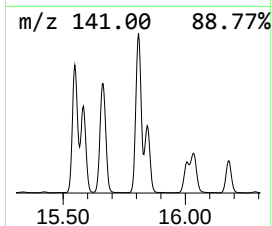
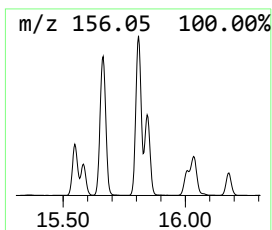
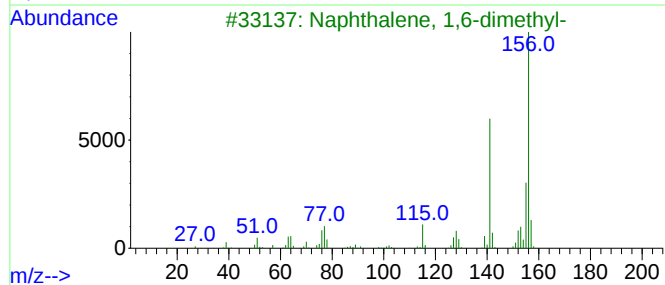
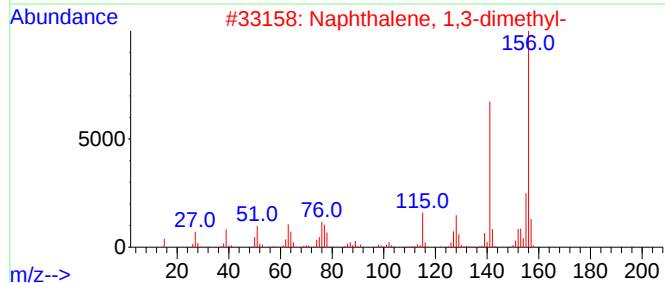
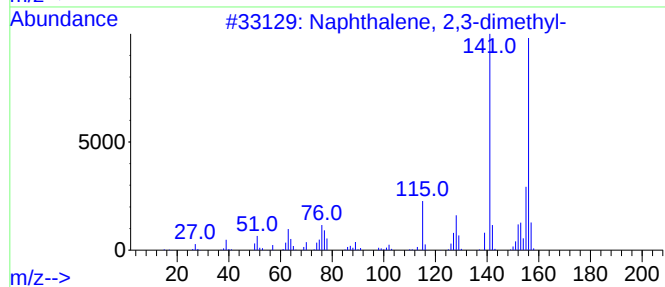
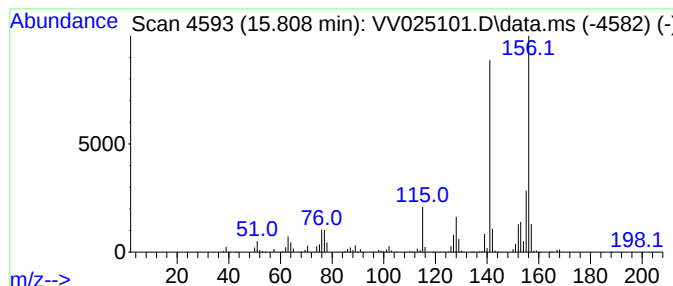
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 37 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.808	20.22 ug/L	2026930	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

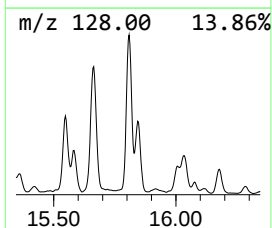
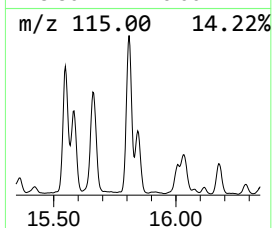
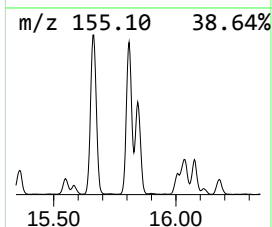
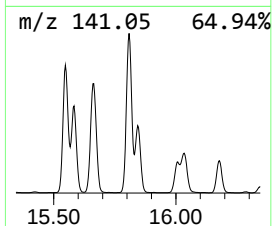
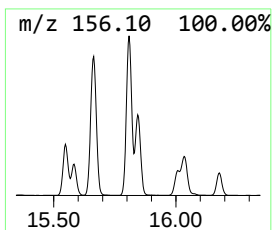
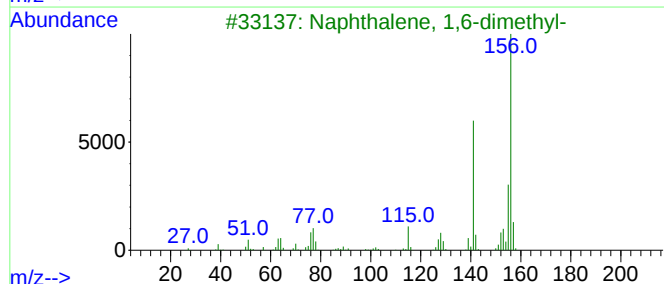
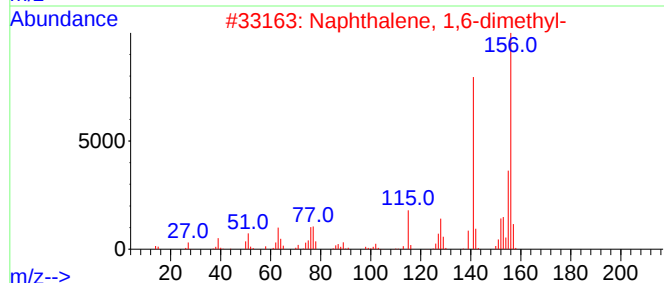
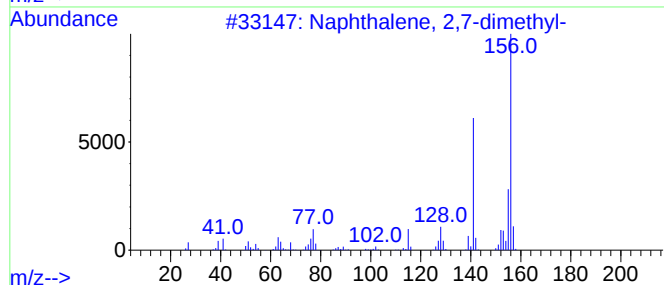
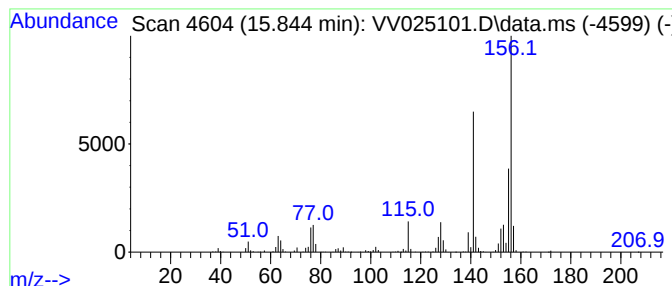
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 38 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.844	9.32 ug/L	933932	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
Data File : VV025101.D
Acq On : 18 Mar 2022 16:32
Operator : SY/MD
Sample : N2018-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

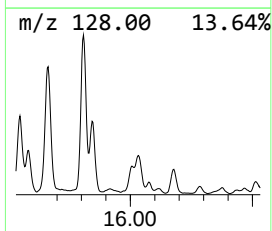
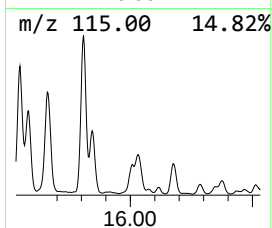
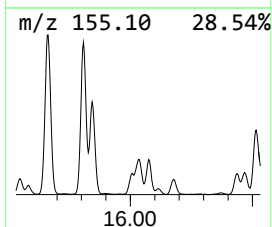
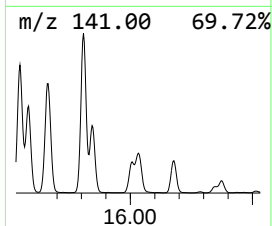
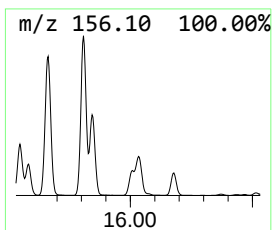
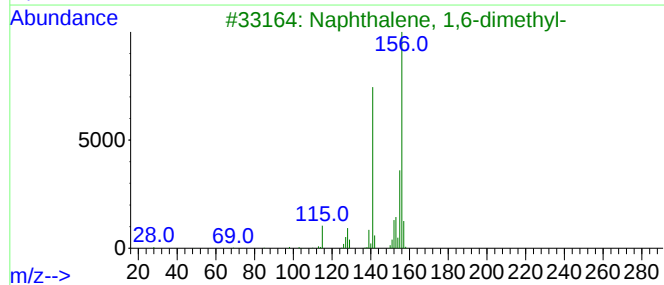
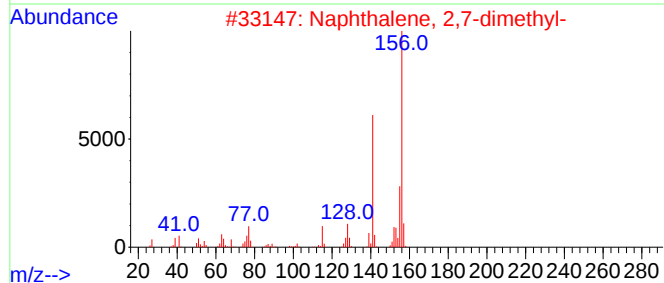
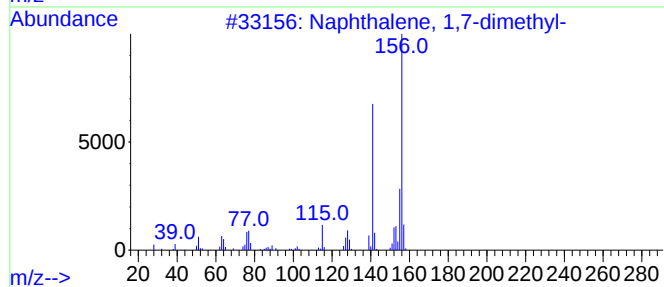
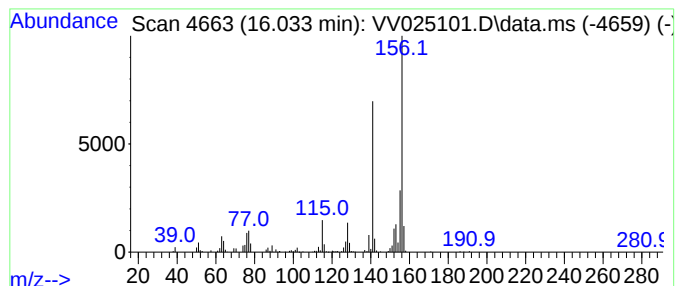
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 40 Naphthalene, 1,7-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.033	4.10 ug/L	411021	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025101.D
 Acq On : 18 Mar 2022 16:32
 Operator : SY/MD
 Sample : N2018-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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
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Benzene, 1-ethe...	11.526	9.0	ug/L	905895	3	11.246	501204	5.0
Indene	11.744	4.1	ug/L	412829	3	11.246	501204	5.0
Benzene, 1-meth...	11.818	3.9	ug/L	394596	3	11.246	501204	5.0
o-Cymene	11.911	5.4	ug/L	539451	3	11.246	501204	5.0
Benzene, 1-ethy...	11.937	8.3	ug/L	833904	3	11.246	501204	5.0
Benzene, 1-meth...	12.014	7.0	ug/L	706955	3	11.246	501204	5.0
Indan, 1-methyl-	12.114	8.4	ug/L	844926	3	11.246	501204	5.0
Benzene, 2-ethy...	12.313	5.8	ug/L	579696	3	11.246	501204	5.0
Benzene, 1,2,3,...	12.410	4.0	ug/L	399819	3	11.246	501204	5.0
Benzene, 1,2,3,...	12.464	8.8	ug/L	882323	3	11.246	501204	5.0
Benzene, 1-ethe...	12.722	9.7	ug/L	972402	3	11.246	501204	5.0
1-Phenyl-1-butene	12.879	22.5	ug/L	2257510	3	11.246	501204	5.0
Naphthalene, 1,...	13.046	16.3	ug/L	1635730	3	11.246	501204	5.0
1,4-Dihydronaph...	13.146	9.7	ug/L	970191	3	11.246	501204	5.0
Benzene, (3-met...	13.268	5.6	ug/L	560956	3	11.246	501204	5.0
Azulene	13.500	182.6	ug/L	18301400	3	11.246	501204	5.0
Naphthalene, 1,...	13.609	5.3	ug/L	530743	3	11.246	501204	5.0
1H-Inden-1-one,...	13.706	4.6	ug/L	456848	3	11.246	501204	5.0
1H-Indene, 2,3-...	13.908	4.5	ug/L	448205	3	11.246	501204	5.0
Naphthalene, 1,...	14.101	7.5	ug/L	756756	3	11.246	501204	5.0
Naphthalene, 2-...	14.628	95.1	ug/L	9529570	3	11.246	501204	5.0
Naphthalene, 1-...	14.812	71.6	ug/L	7179640	3	11.246	501204	5.0
Biphenyl	15.358	5.9	ug/L	591006	3	11.246	501204	5.0
Naphthalene, 1-...	15.548	10.0	ug/L	1005820	3	11.246	501204	5.0
Naphthalene, 2-...	15.583	6.1	ug/L	607302	3	11.246	501204	5.0
Naphthalene, 2,...	15.664	17.7	ug/L	1776810	3	11.246	501204	5.0
Naphthalene, 2,...	15.808	20.2	ug/L	2026930	3	11.246	501204	5.0
Naphthalene, 1,...	15.844	9.3	ug/L	933932	3	11.246	501204	5.0
Naphthalene, 1,...	16.033	4.1	ug/L	411021	3	11.246	501204	5.0