

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056151.D
 Acq On : 09 Nov 2023 19:40
 Operator : MD/SY
 Sample : 05342-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH1

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_U\Method\SFAMUTR110723WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU056151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	85	94	103	rBV	153942	190132	2.21%	0.680%
2	1.907	184	192	204	rBV	115473	150630	1.75%	0.538%
3	2.557	382	394	411	rBV	249257	409608	4.76%	1.464%
4	4.698	1038	1060	1062	rBV2	50917	129768	1.51%	0.464%
5	5.055	1154	1171	1206	rVB	230646	534738	6.22%	1.912%
6	5.721	1357	1378	1413	rBV2	454357	1167384	13.57%	4.173%
7	6.245	1527	1541	1573	rBV	414199	818115	9.51%	2.925%
8	6.685	1663	1678	1695	rBV	263844	531557	6.18%	1.900%
9	7.563	1935	1951	1971	rBV2	133036	240472	2.80%	0.860%
10	7.894	2040	2054	2070	rBV	525165	924510	10.75%	3.305%
11	8.177	2129	2142	2160	rBV2	77825	139414	1.62%	0.498%
12	8.637	2272	2285	2324	rBV2	450337	1123216	13.06%	4.015%
13	9.415	2514	2527	2545	rBV	593189	1039974	12.09%	3.718%
14	10.479	2846	2858	2879	rBV	304384	520103	6.05%	1.859%
15	10.753	2932	2943	2957	rVB	201949	328889	3.82%	1.176%
16	11.640	3210	3219	3230	rVB2	91363	144896	1.68%	0.518%
17	11.807	3258	3271	3287	rBV	636520	1061665	12.35%	3.795%
18	12.093	3348	3360	3376	rVB	149025	249467	2.90%	0.892%
19	12.190	3376	3390	3403	rBV	554706	947778	11.02%	3.388%
20	12.299	3414	3424	3437	rVV4	142313	241243	2.81%	0.862%
21	12.373	3438	3447	3464	rVB2	47903	88853	1.03%	0.318%
22	12.675	3524	3541	3561	rBV	187682	345214	4.01%	1.234%
23	12.920	3608	3617	3626	rBV	127432	206942	2.41%	0.740%
24	13.019	3639	3648	3662	rVV5	95875	214924	2.50%	0.768%
25	13.103	3668	3674	3690	rVB7	66740	133404	1.55%	0.477%
26	13.515	3792	3802	3814	rVB3	158318	254847	2.96%	0.911%
27	13.621	3819	3835	3850	rBV3	186714	339830	3.95%	1.215%
28	13.781	3875	3885	3893	rBV	125297	206525	2.40%	0.738%
29	13.952	3930	3938	3952	rVB4	138768	252971	2.94%	0.904%
30	14.055	3960	3970	3977	rBV2	182633	309038	3.59%	1.105%
31	14.103	3978	3985	3996	rVV3	147428	284020	3.30%	1.015%
32	14.180	3997	4009	4018	rVV7	81519	225237	2.62%	0.805%
33	14.235	4019	4026	4035	rVV2	170617	320914	3.73%	1.147%
34	14.283	4036	4041	4049	rVV4	82279	127987	1.49%	0.458%
35	14.334	4050	4057	4067	rVB	76583	117610	1.37%	0.420%
36	14.537	4107	4120	4135	rBV6	53143	159955	1.86%	0.572%

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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_U\Method\SFAMUTR110723WMA.M
 Title : TRACE VOA SFAM1.0

37	14.672	4151	4162	4171	rBV6	67541	164219	1.91%	0.587%
38	14.804	4193	4203	4211	rBV2	213730	343784	4.00%	1.229%
39	14.875	4219	4225	4237	rVB	144801	248116	2.89%	0.887%
40	15.135	4297	4306	4311	rBV2	110468	175781	2.04%	0.628%
41	15.254	4336	4343	4358	rVB4	117604	209707	2.44%	0.750%
42	15.405	4378	4390	4416	rVB6	360493	877394	10.20%	3.137%
43	15.643	4455	4464	4486	rVB2	102482	226286	2.63%	0.809%
44	16.006	4571	4577	4586	rVB2	85041	128791	1.50%	0.460%
45	16.177	4613	4630	4650	rBV2	301105	571589	6.65%	2.043%
46	16.293	4660	4666	4678	rVB2	93397	149507	1.74%	0.534%
47	16.383	4682	4694	4710	rBV4	141548	332541	3.87%	1.189%
48	16.604	4753	4763	4769	rBV	300298	494498	5.75%	1.768%
49	16.640	4769	4774	4790	rVB2	271323	413086	4.80%	1.477%
50	16.778	4808	4817	4826	rBV2	72201	118837	1.38%	0.425%
51	16.875	4837	4847	4860	rBV2	76720	135129	1.57%	0.483%
52	17.090	4900	4914	4928	rBV	5374791	8599908	100.00%	30.744%
53	17.267	4960	4969	4980	rBV2	185843	302018	3.51%	1.080%

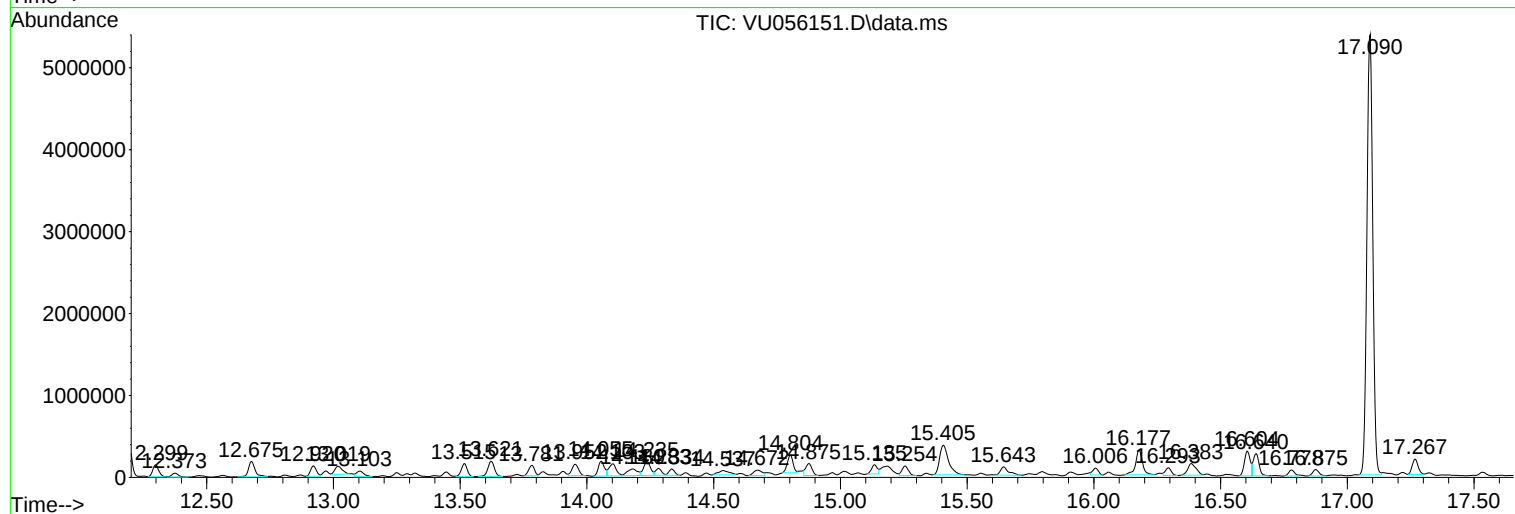
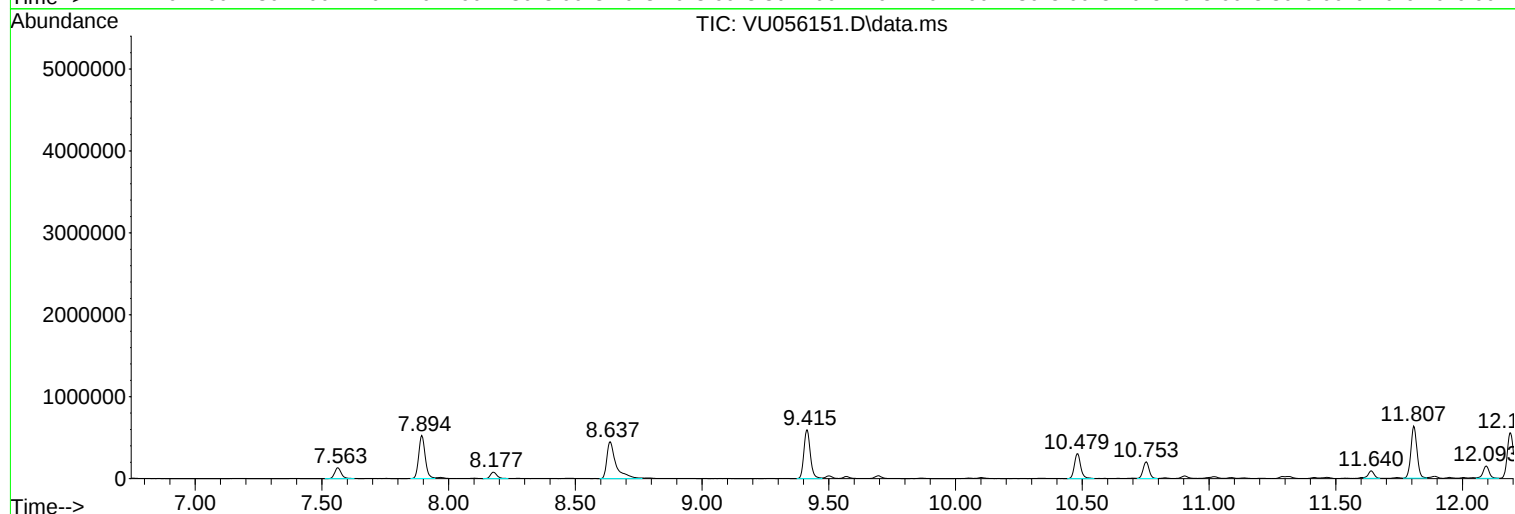
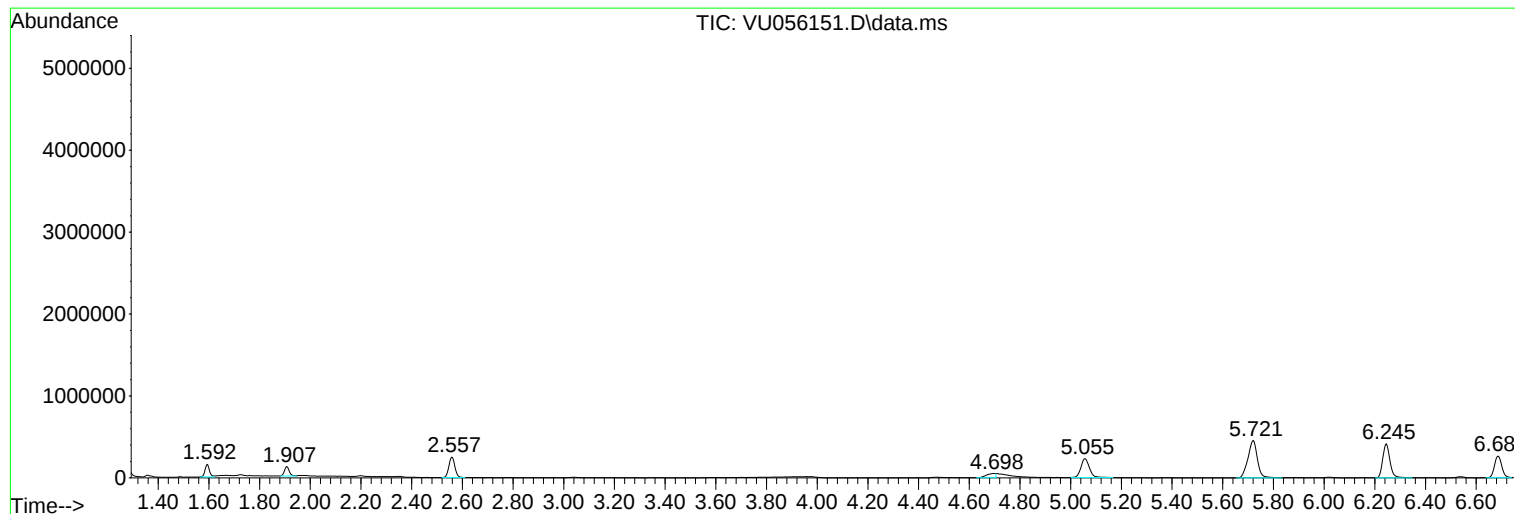
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
MSVOA_U
ClientSampleId :
COAH1

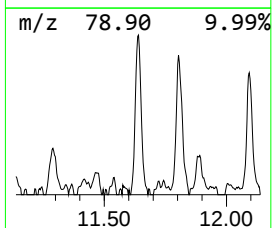
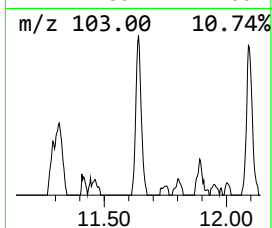
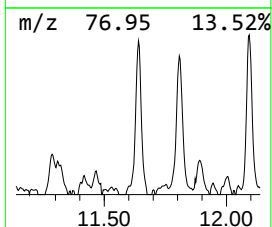
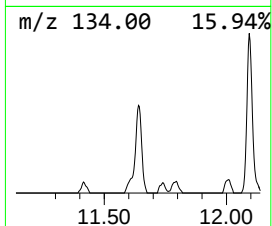
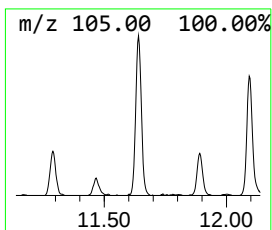
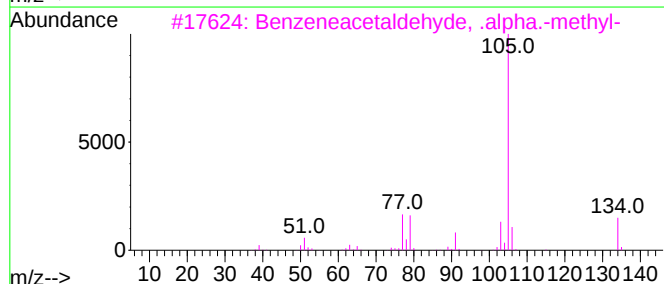
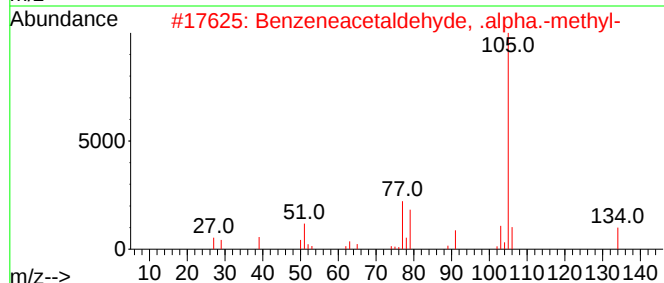
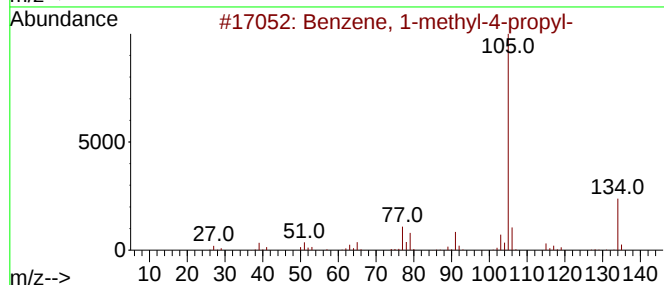
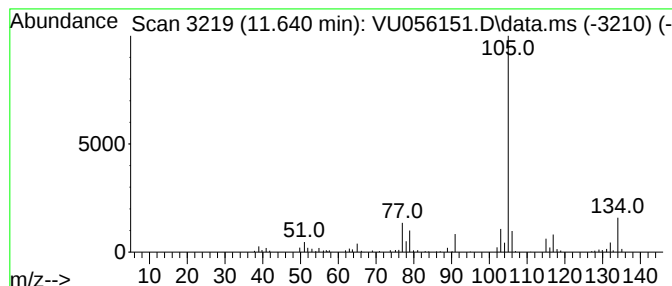
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Benzene, 1-methyl-4-propyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.640	0.68 ug/L	144896	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
3			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
COAH1

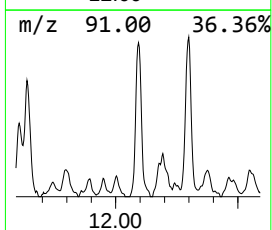
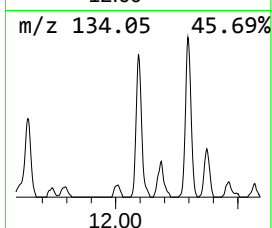
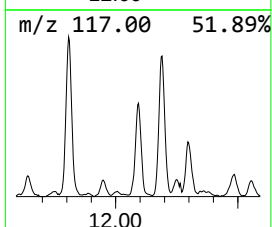
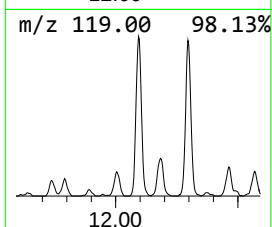
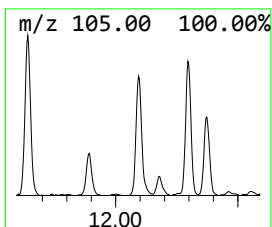
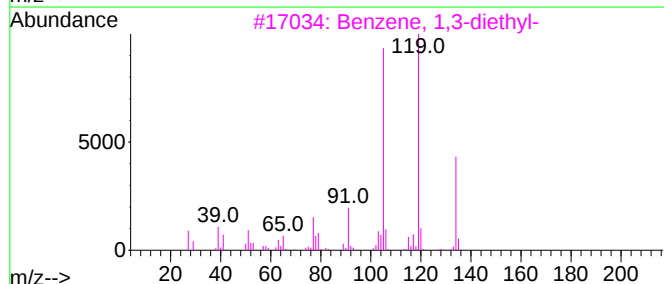
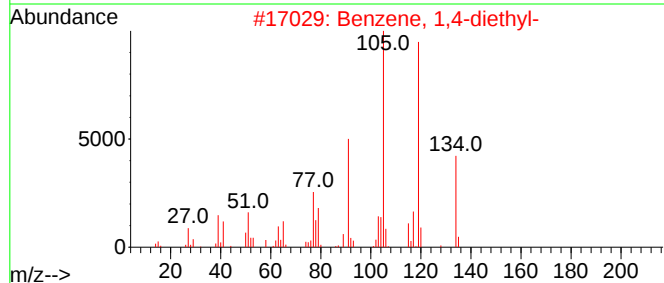
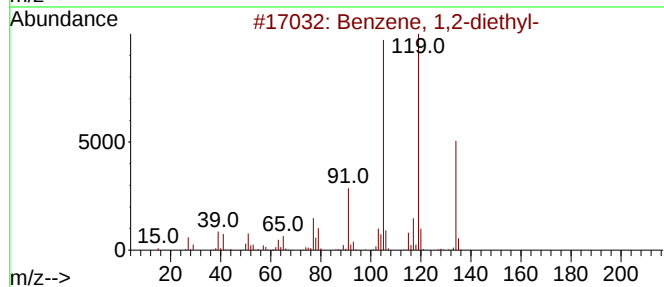
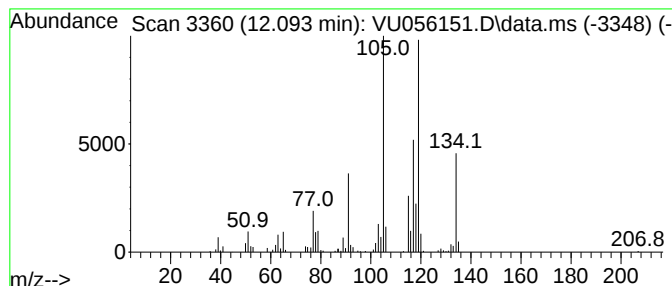
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.093	1.17 ug/L	249467	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
4			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

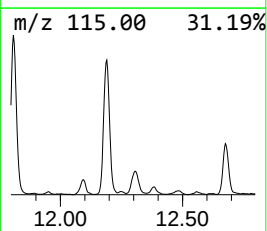
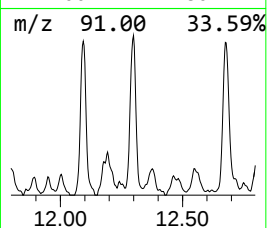
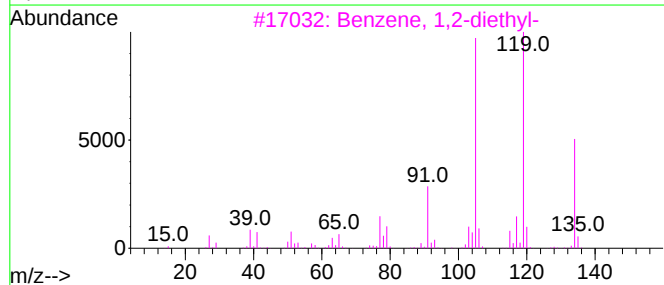
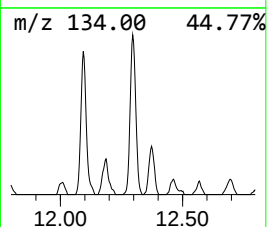
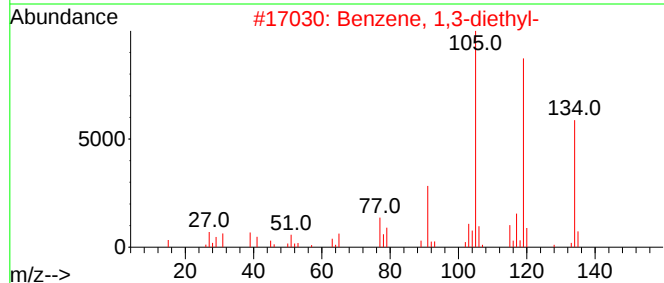
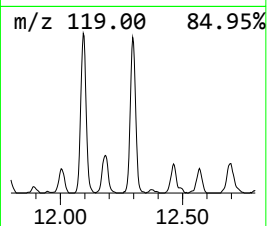
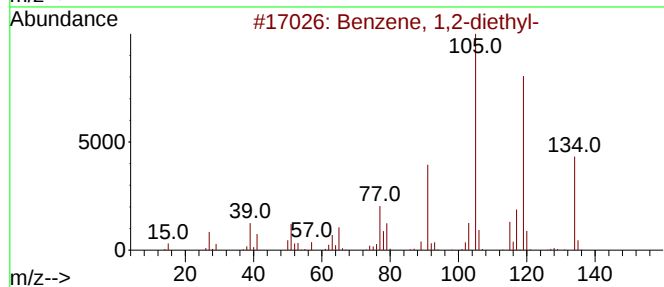
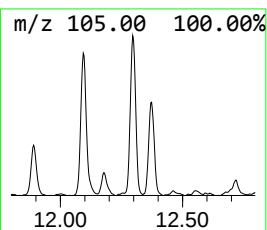
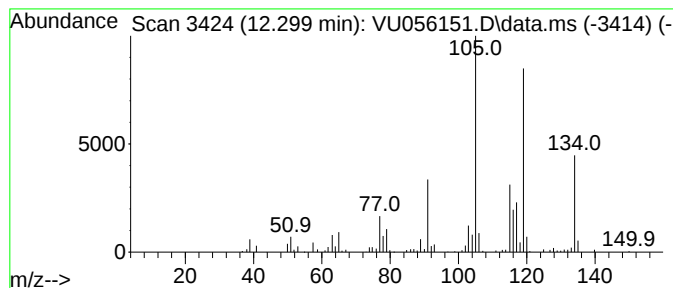
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.299	1.14 ug/L	241243	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	68
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	62



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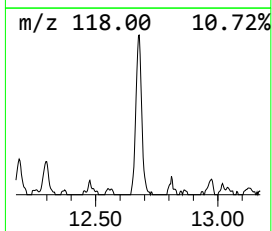
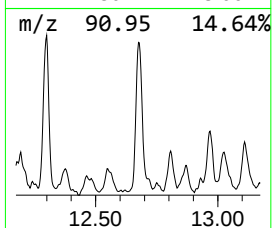
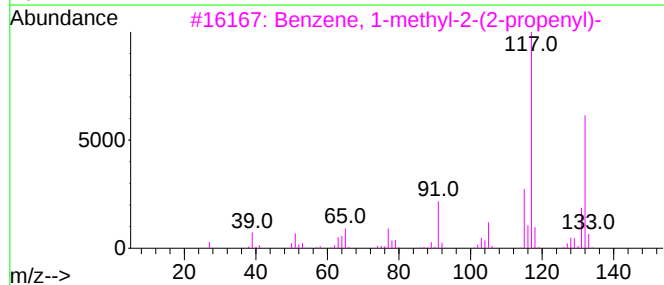
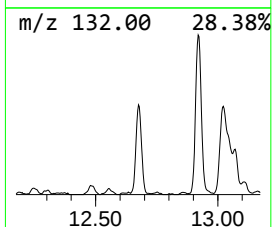
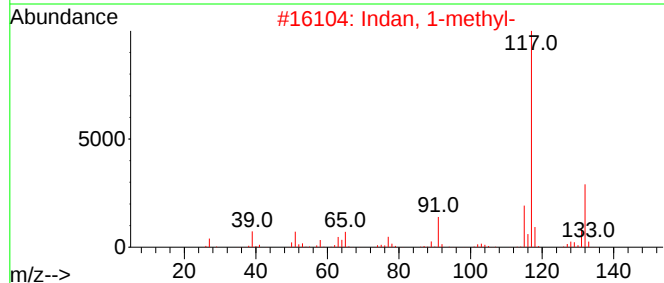
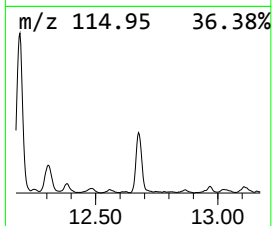
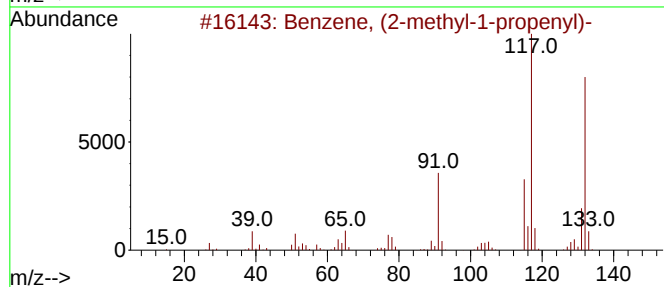
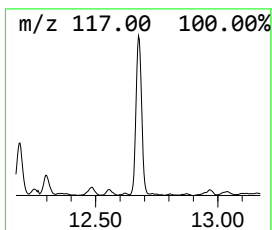
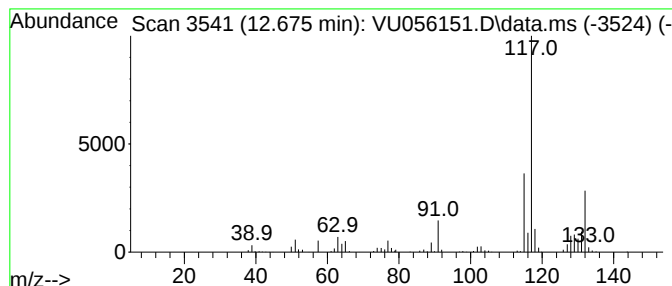
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, (2-methyl-1-propenyl) Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	1.63 ug/L	345214	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2			Indan, 1-methyl-	132	C10H12	000767-58-8	81
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
4			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	78
5			Indan, 1-methyl-	132	C10H12	000767-58-8	76



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COAH1

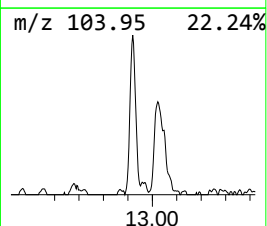
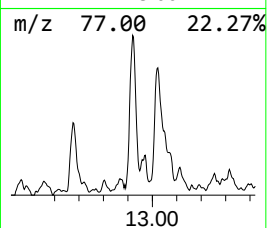
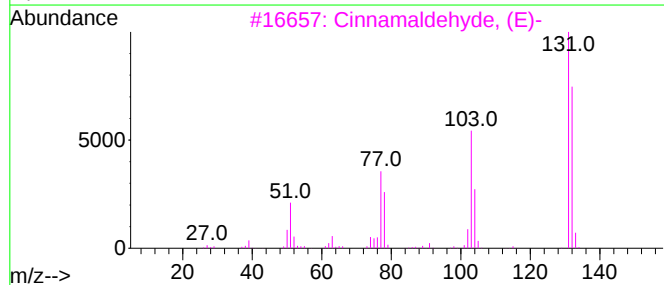
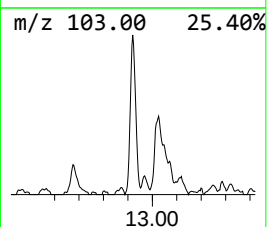
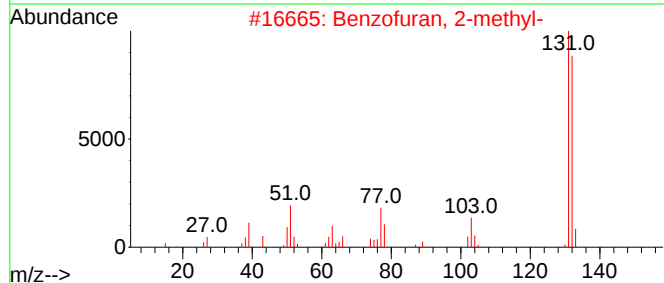
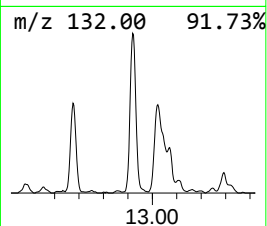
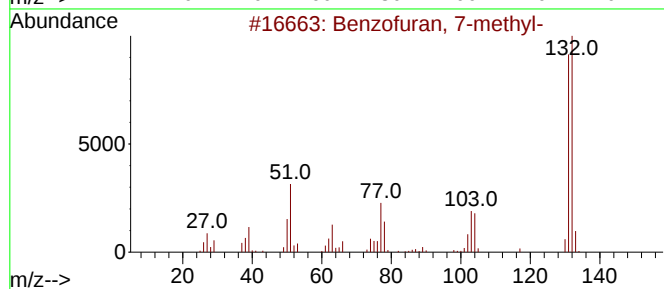
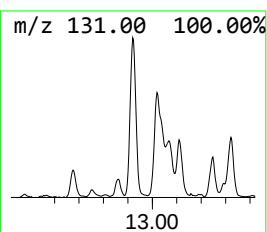
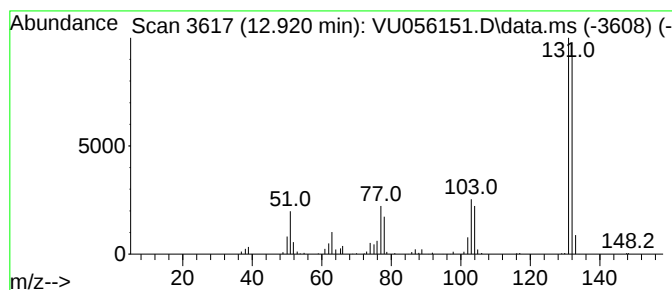
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzfuran, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	0.97 ug/L	206942	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

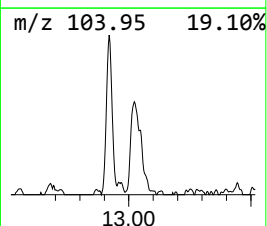
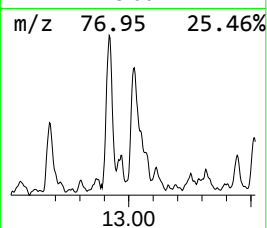
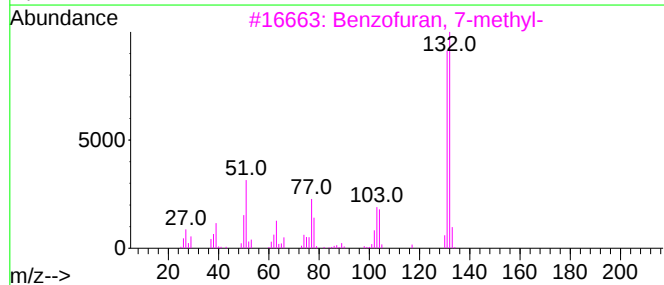
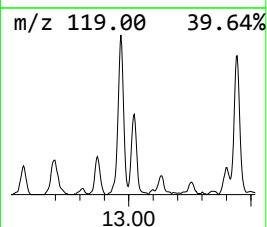
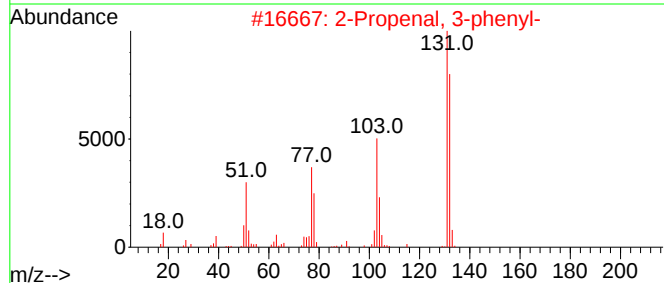
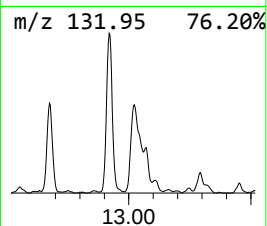
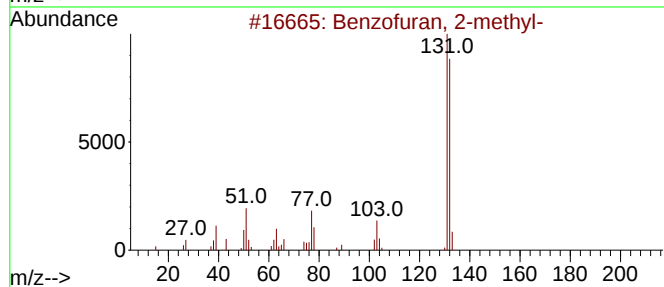
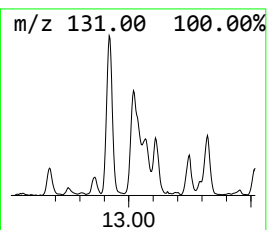
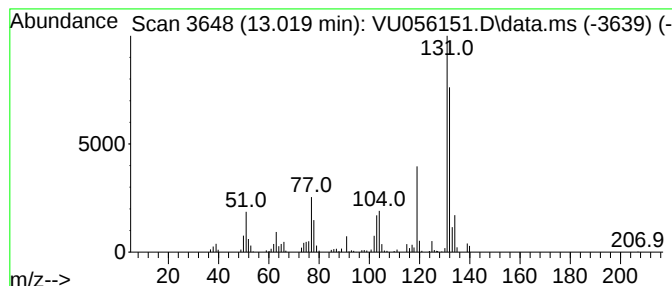
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	1.01 ug/L	214924	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	92
2			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	89
3			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	83
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
5			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

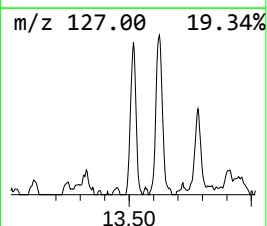
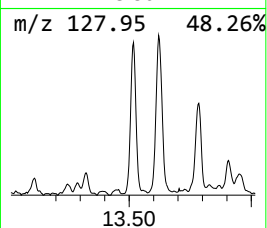
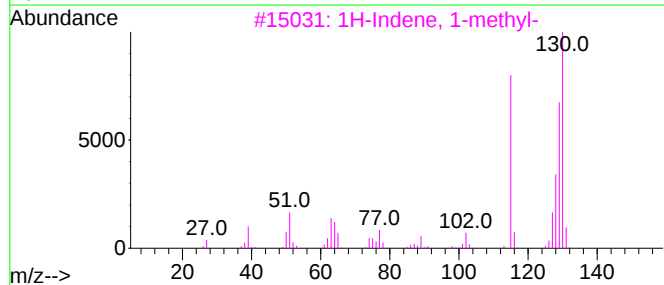
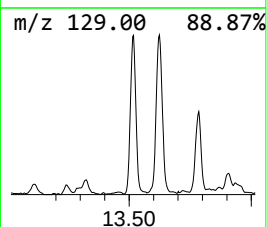
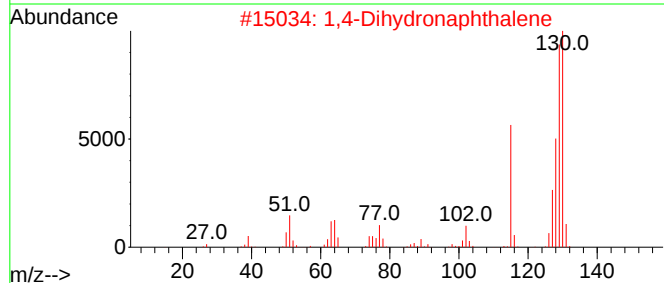
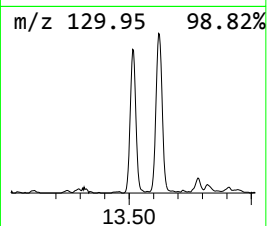
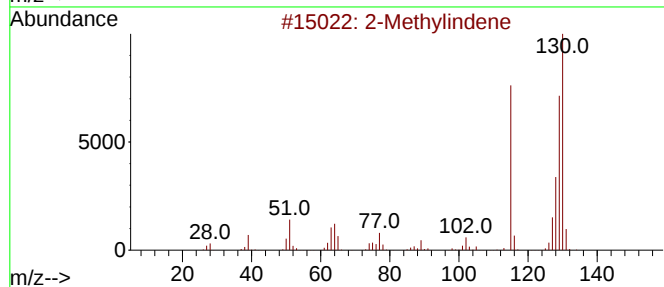
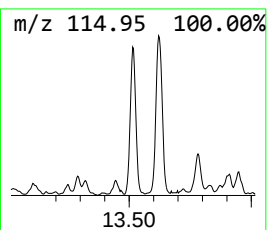
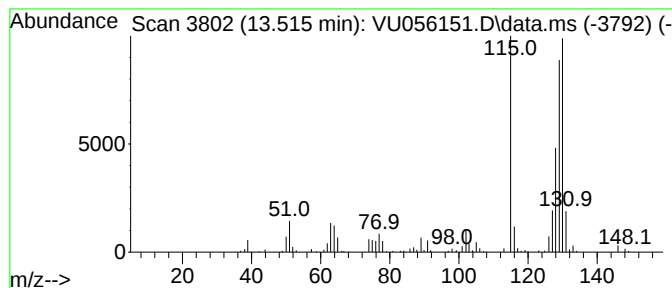
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 2-Methylindene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.515	1.20 ug/L	254847	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	95
2			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

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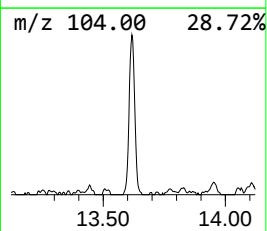
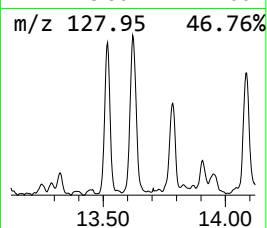
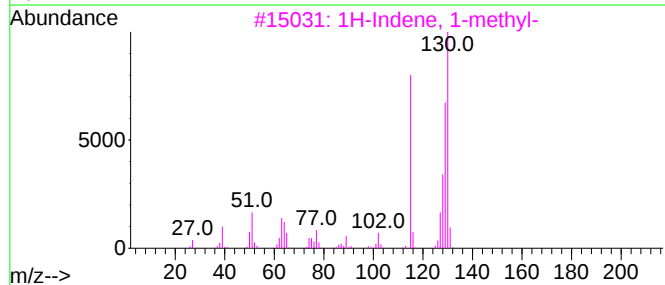
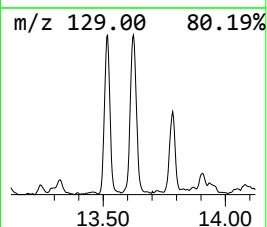
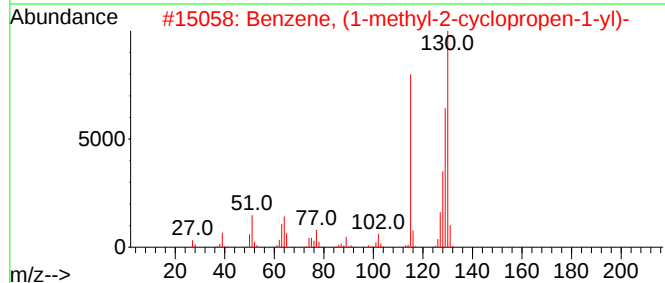
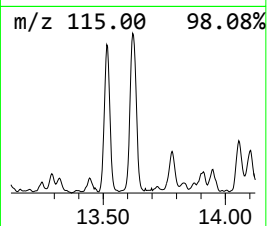
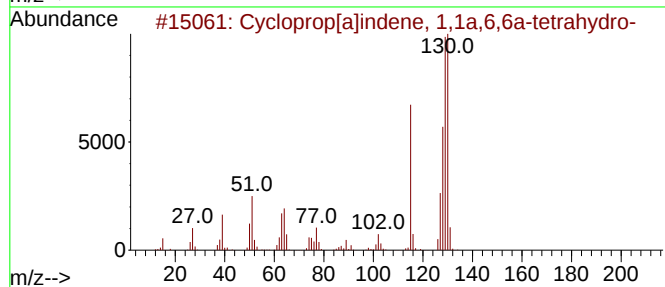
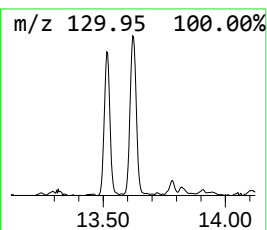
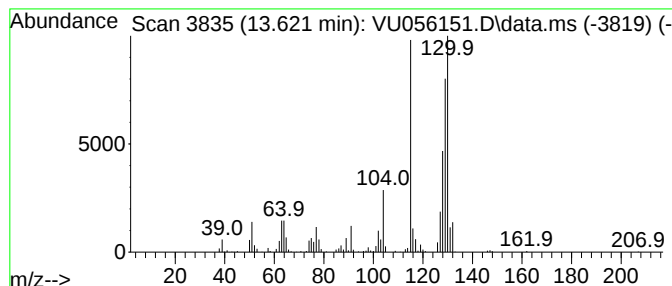
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	1.60 ug/L	339830	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4			2-Methylindene	130	C10H10	002177-47-1	96
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

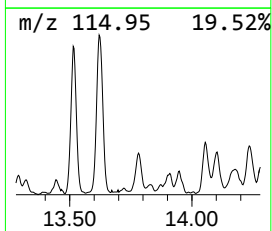
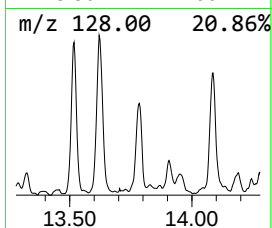
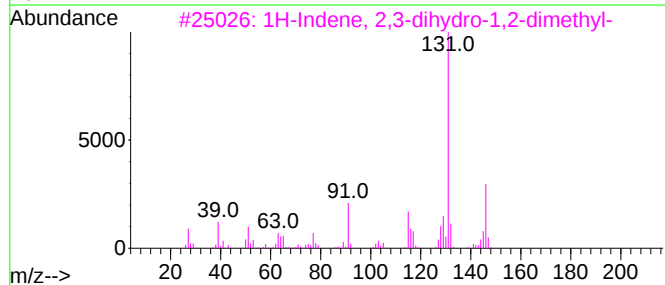
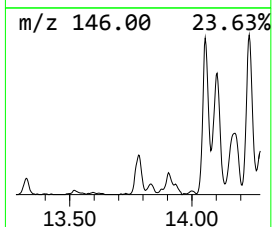
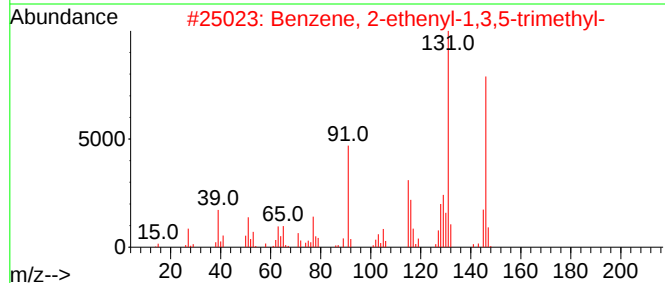
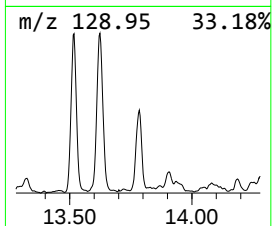
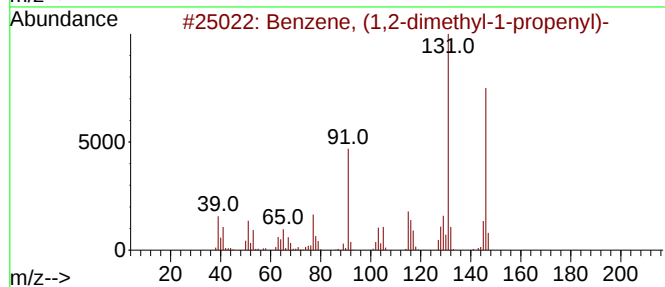
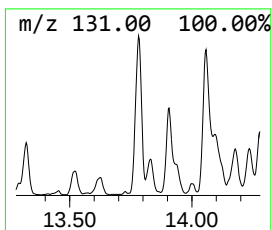
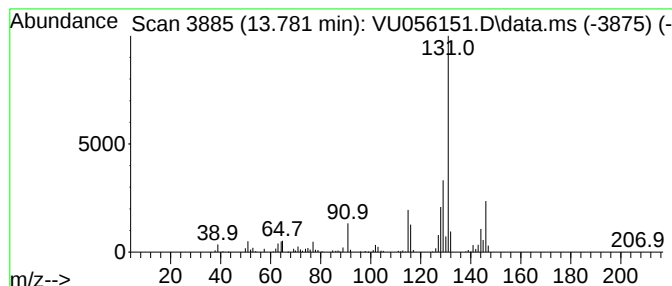
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	0.97 ug/L	206525	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
2			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

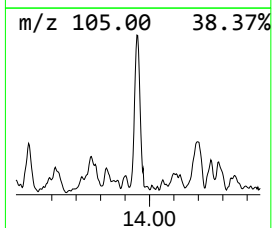
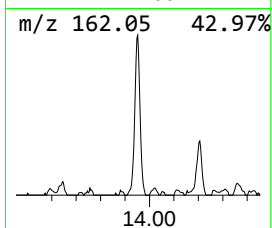
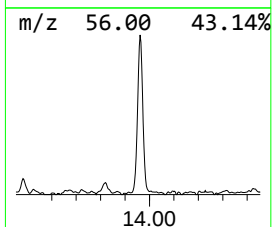
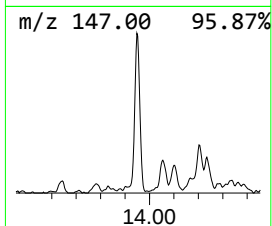
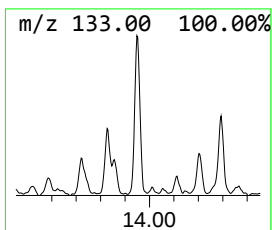
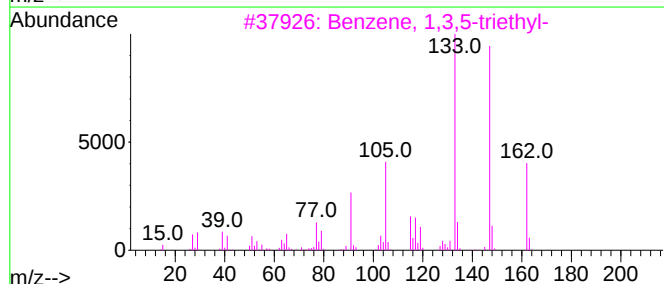
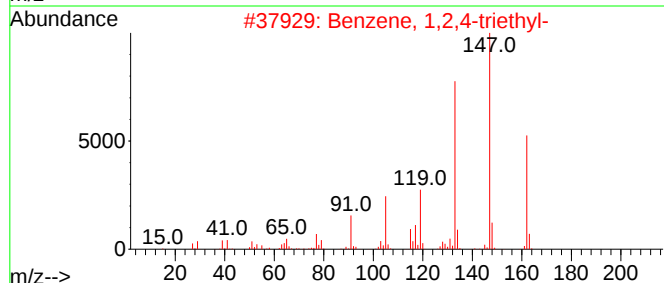
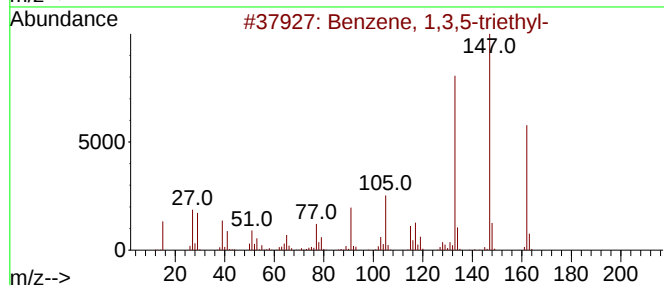
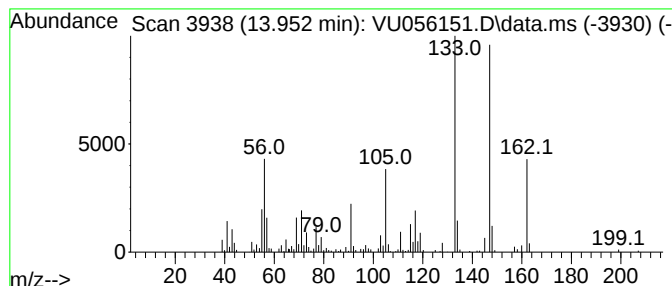
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Benzene, 1,3,5-triethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.952	1.19 ug/L	252971	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	93
2			Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	89
3			Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	86
4			Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	86
5			Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

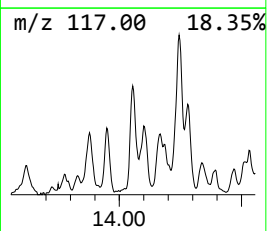
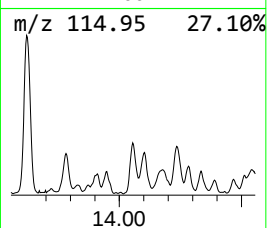
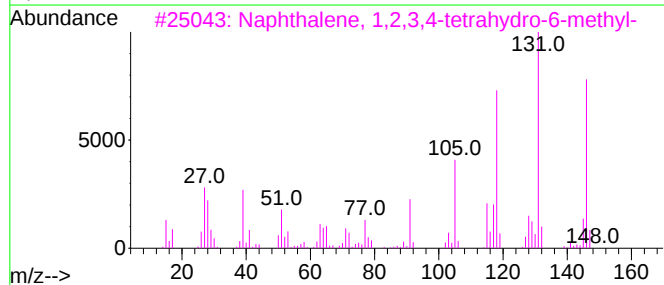
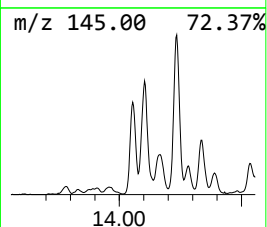
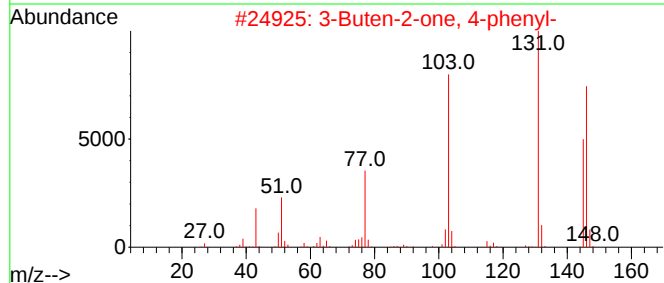
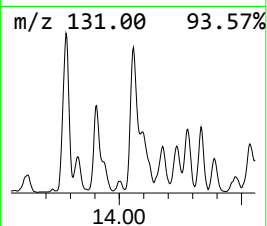
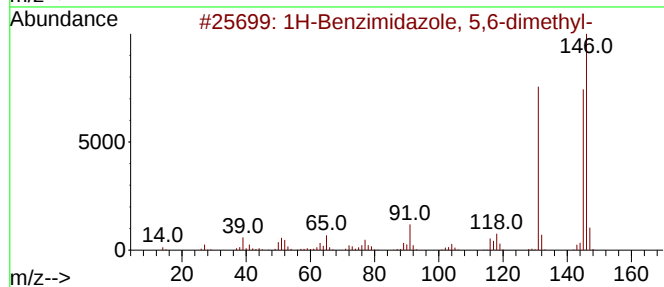
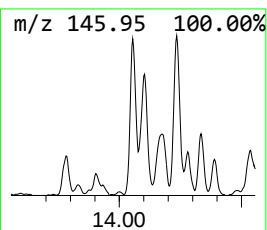
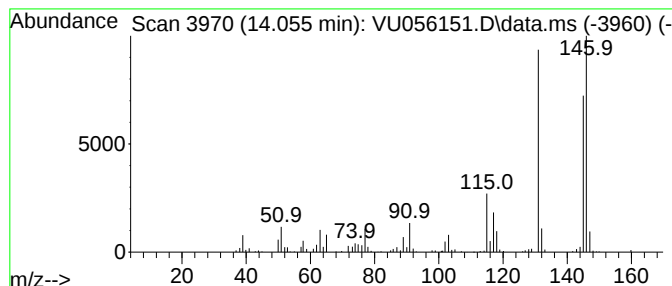
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 1H-Benzimidazole, 5,6-dimet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.055	1.46 ug/L	309038	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	90
2			3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

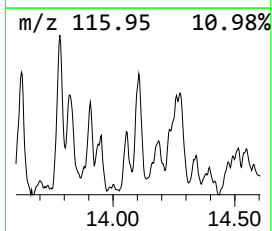
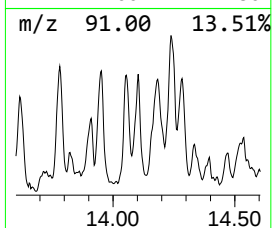
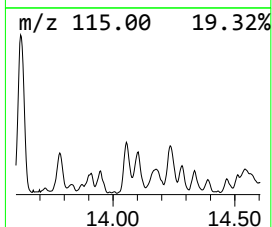
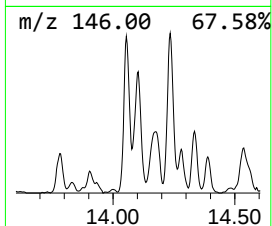
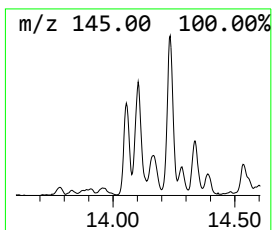
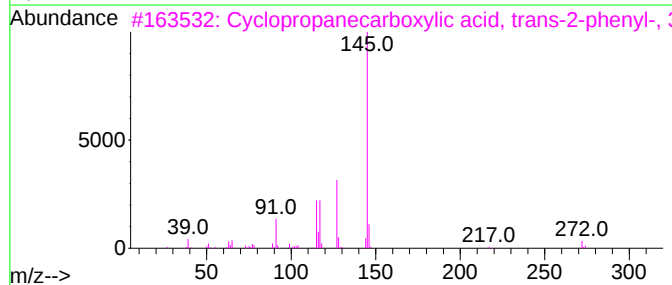
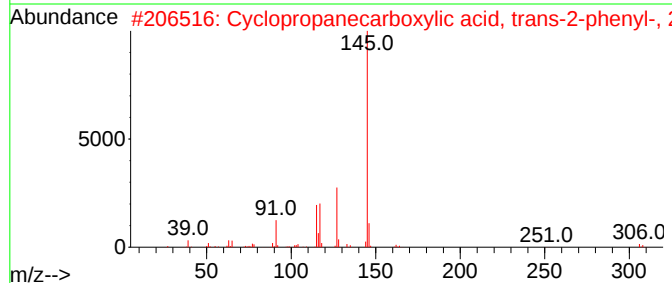
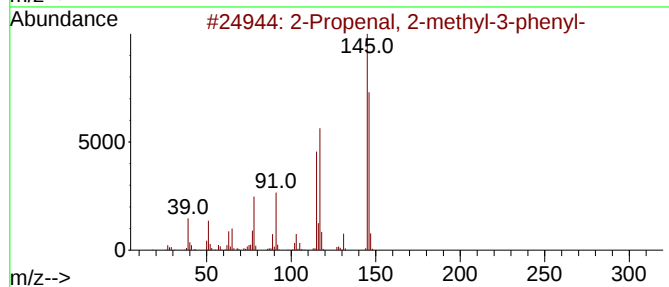
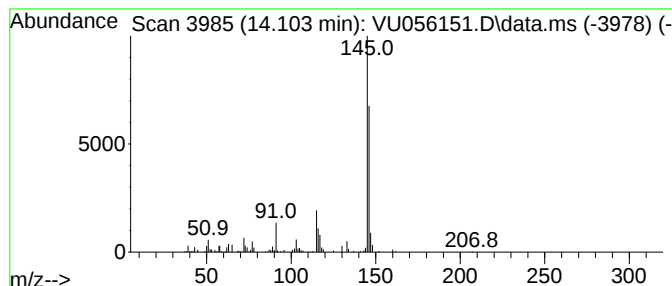
Instrument :
MSVOA_U
ClientSampleId :
COAH1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.103	1.34 ug/L	284020	1,4-Dichlorobenzene-d4	11.807	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
2	Cyclopropanecarboxylic acid, tra...	306	C16H12Cl2O2	1000406-84-6	53
3	Cyclopropanecarboxylic acid, tra...	272	C16H13ClO2	1000406-84-4	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	Cyclopropanecarboxylic acid, tra...	283	C16H13NO4	1000406-88-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

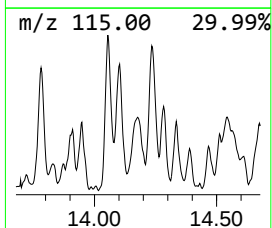
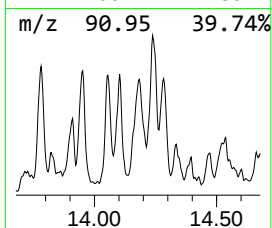
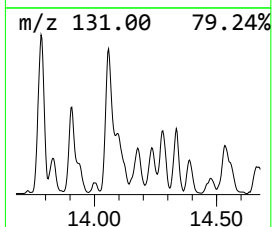
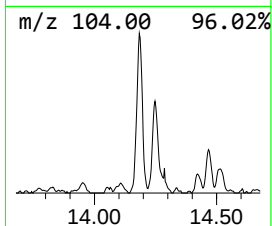
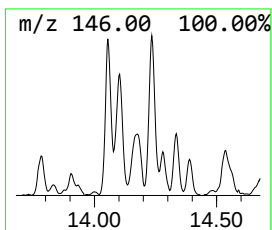
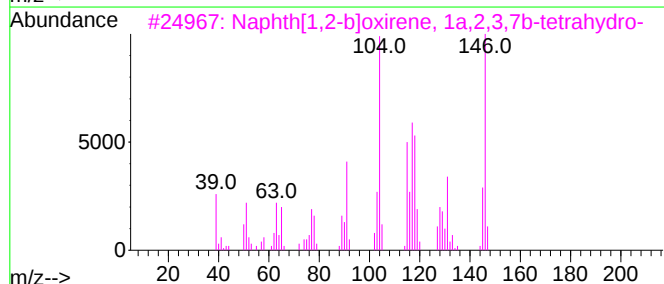
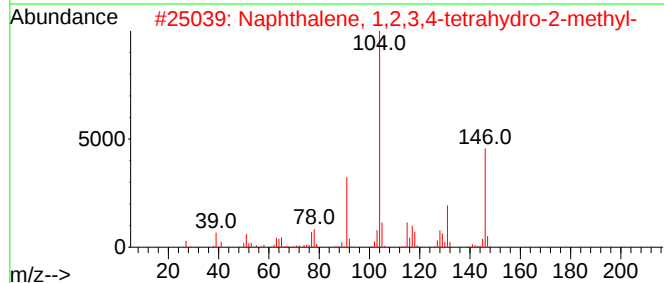
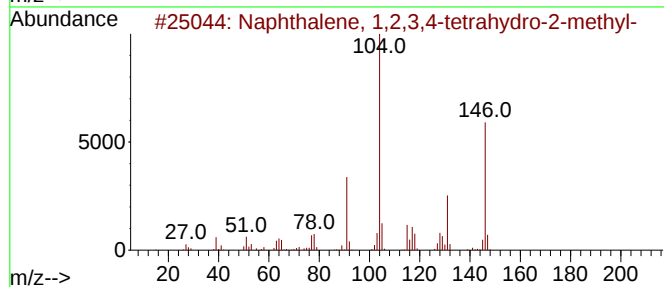
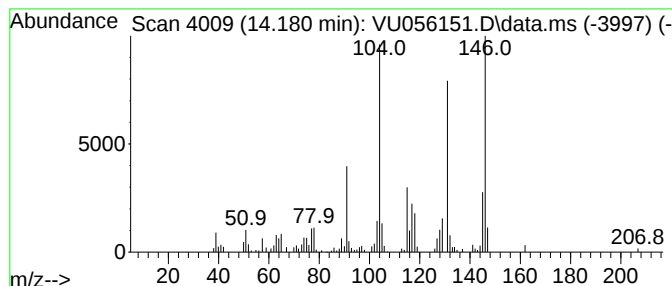
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	1.06 ug/L	225237	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
3			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76
4			5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	68
5			2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

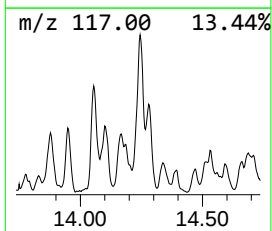
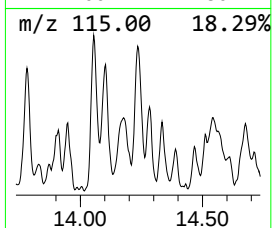
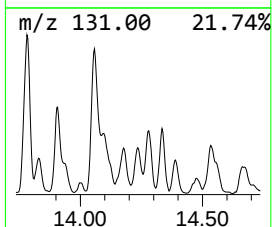
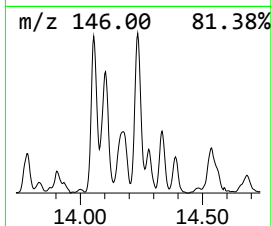
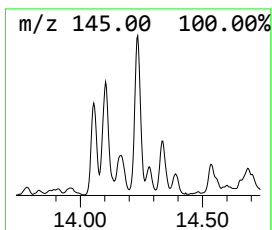
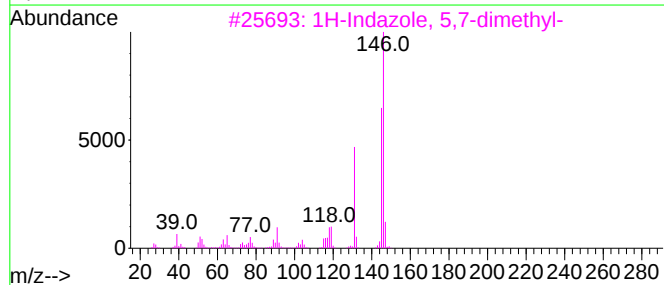
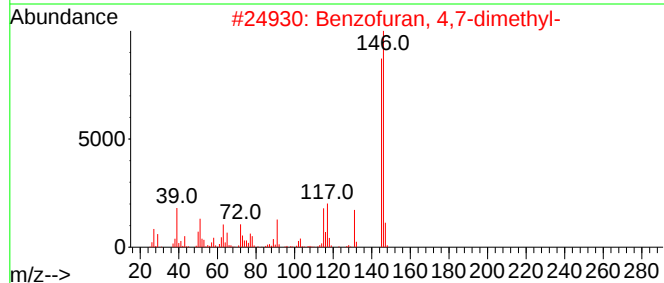
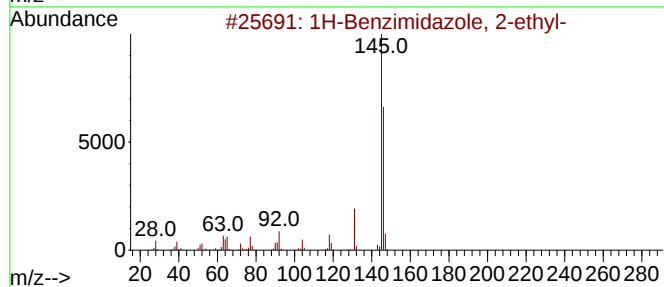
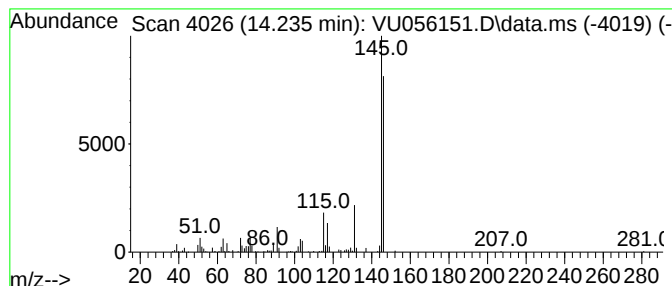
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 1H-Benzimidazole, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.235	1.51 ug/L	320914	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2			Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	64
3			1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	53
4			2-Thiophenecarboxaldehyde, 5-chl...	146	C5H3ClOS	007283-96-7	53
5			Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

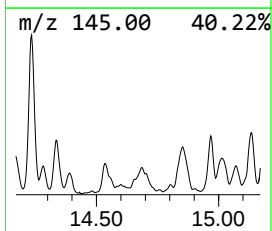
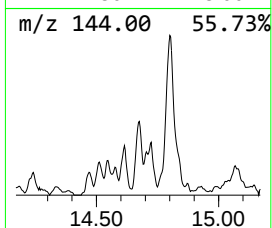
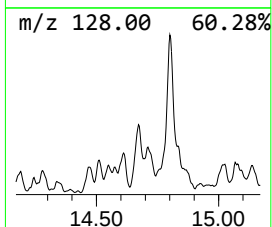
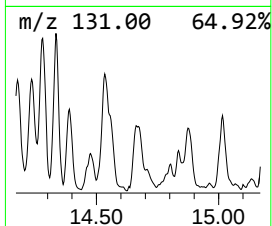
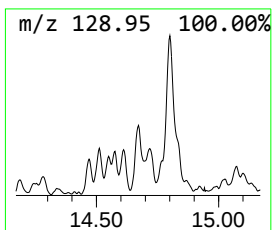
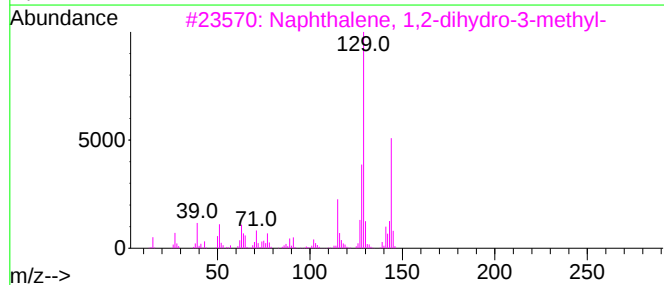
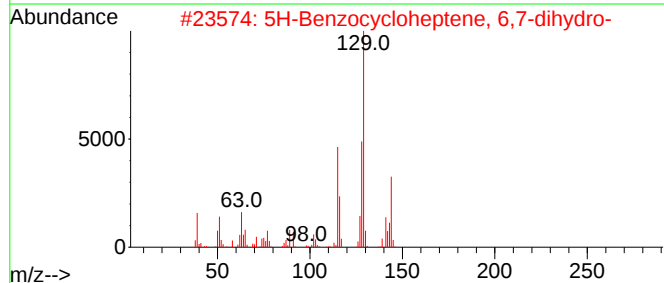
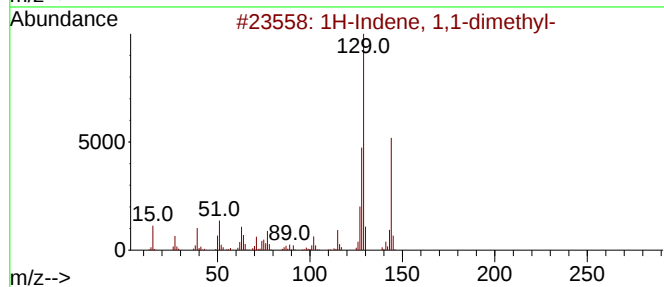
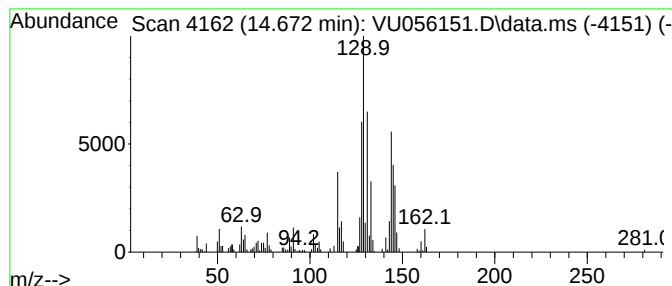
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 1H-Indene, 1,1-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	0.77 ug/L	164219	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86
2			5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	55
3			Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	50
4			1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	50
5			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

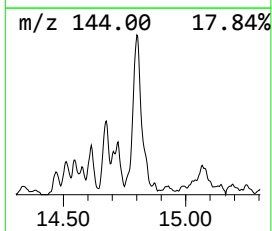
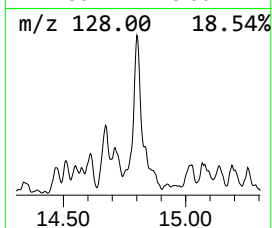
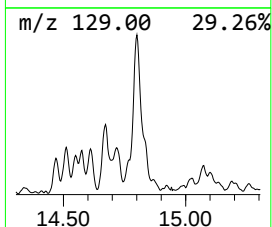
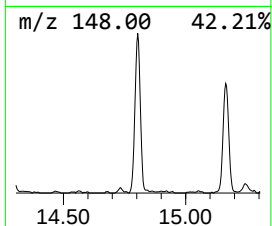
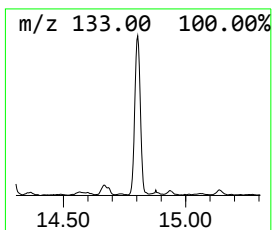
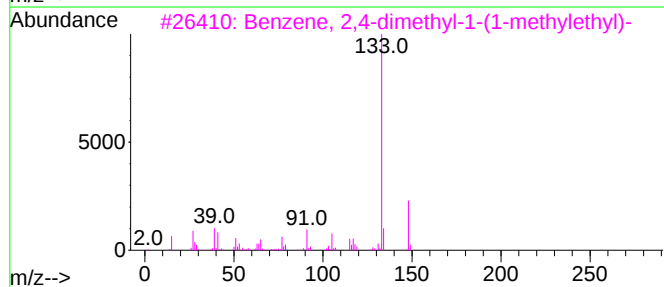
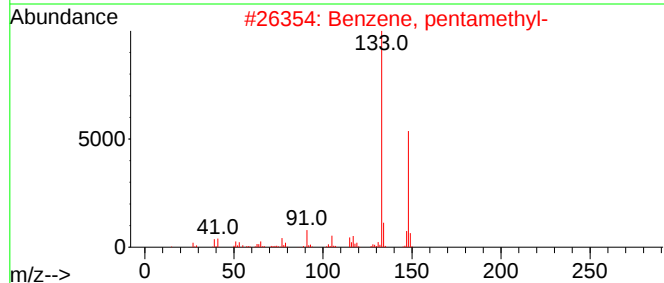
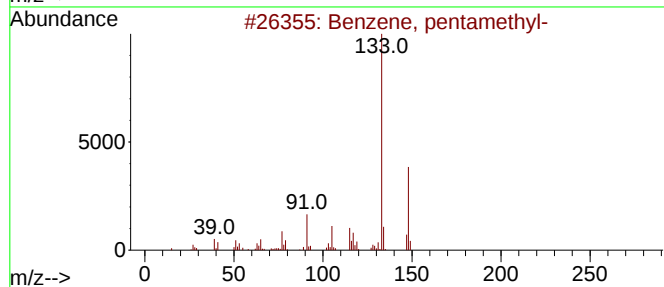
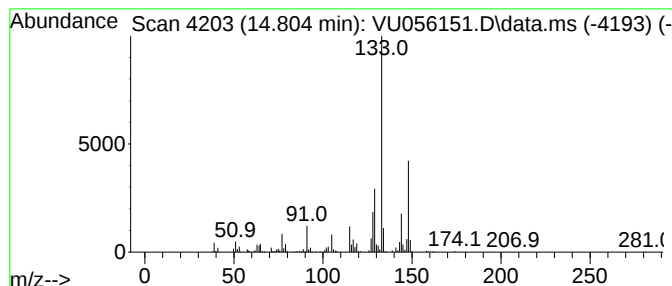
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.804	1.62 ug/L	343784	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	89
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	70
3			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	70
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70
5			1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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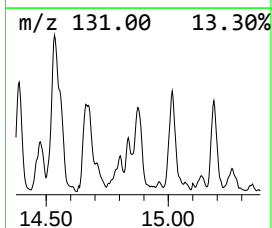
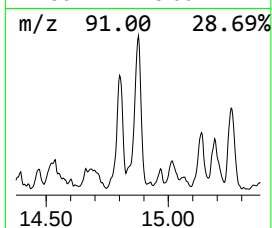
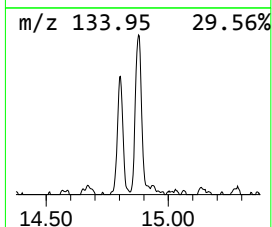
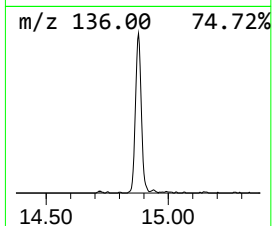
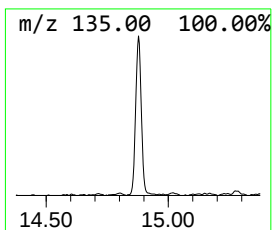
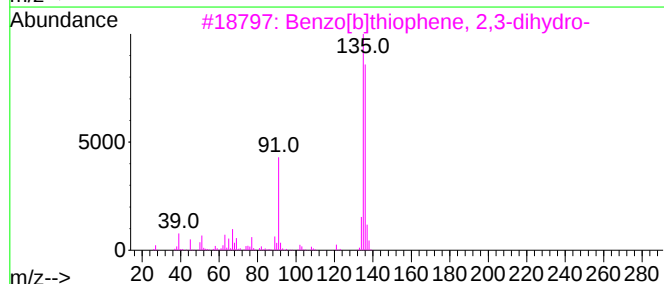
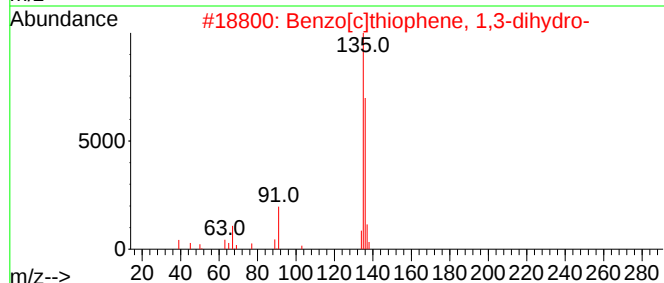
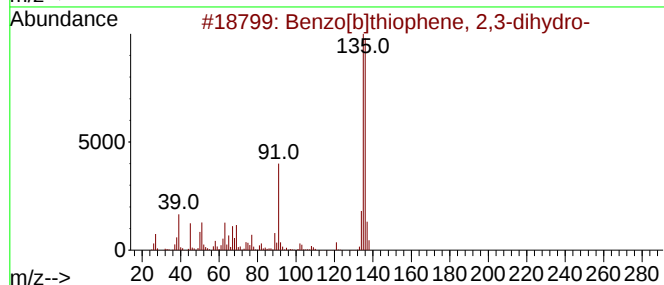
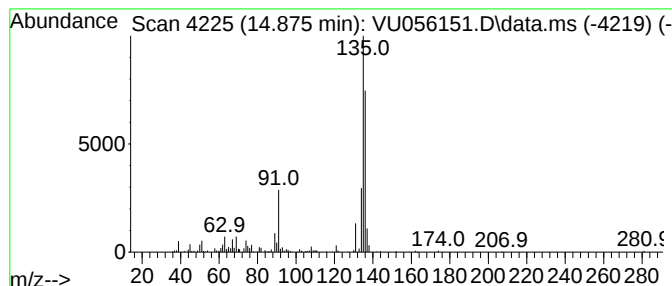
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.875	1.17 ug/L	248116	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	90
2			Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	72
3			Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	72
4			Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	72
5			4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

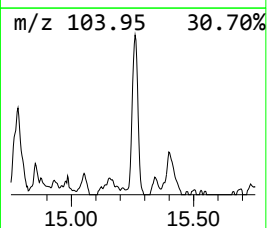
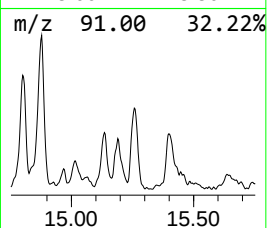
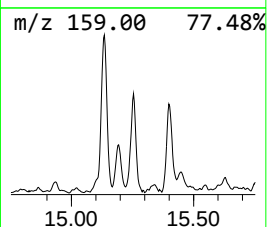
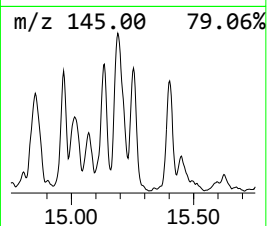
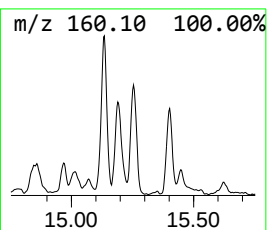
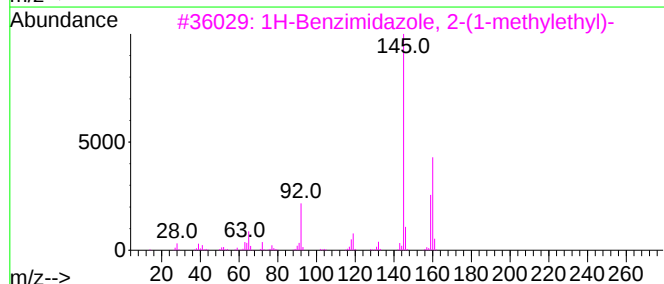
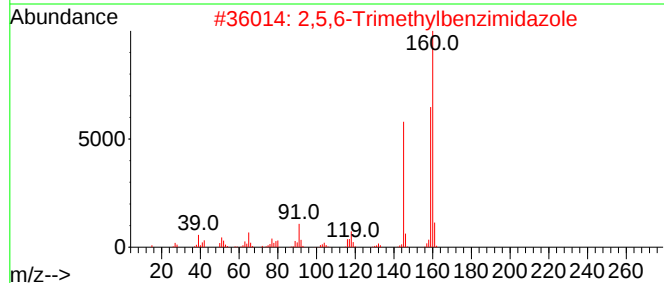
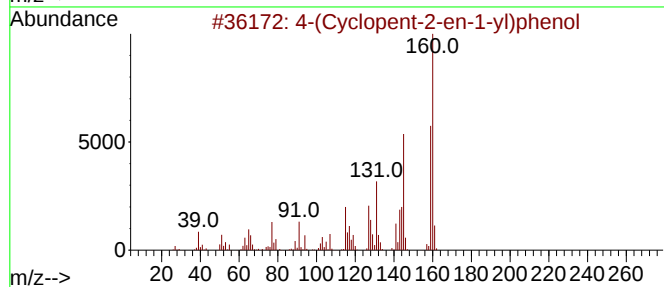
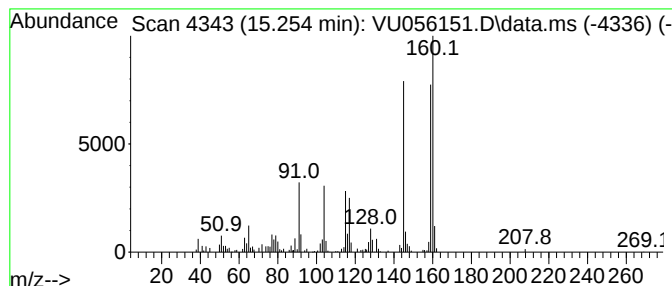
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 4-(Cyclopent-2-en-1-yl)phenol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.254	0.99 ug/L	209707	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(Cyclopent-2-en-1-yl)phenol	160	C11H12O	006627-84-5	80
2			2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	74
3			1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	68
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

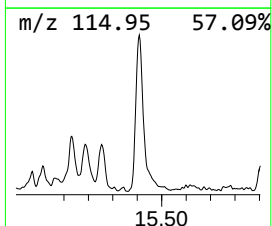
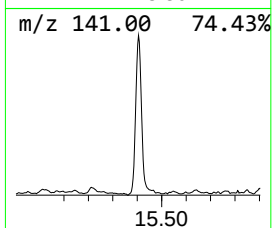
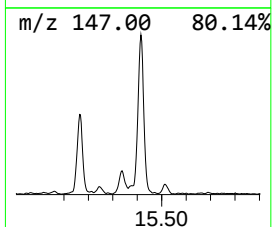
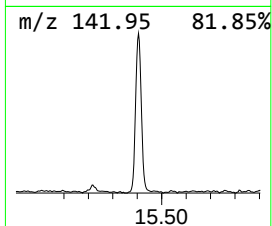
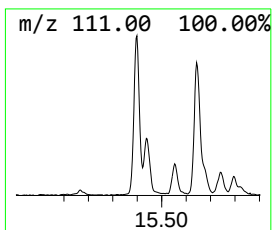
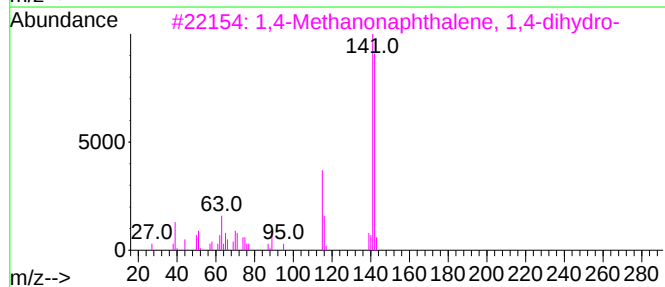
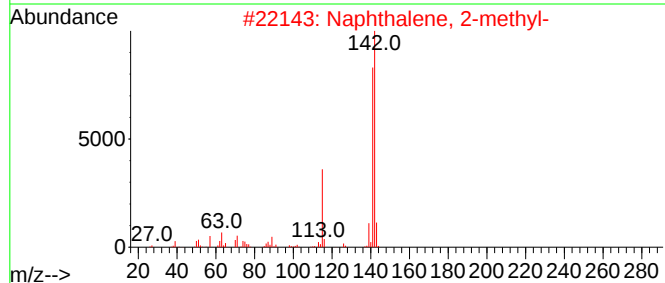
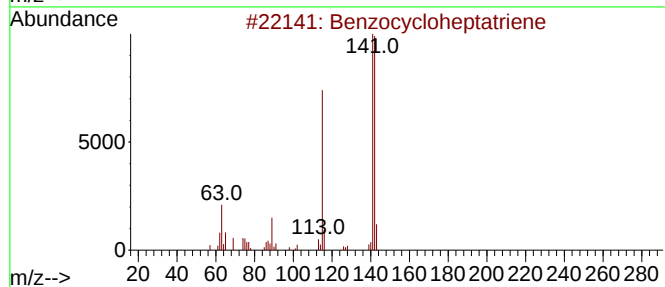
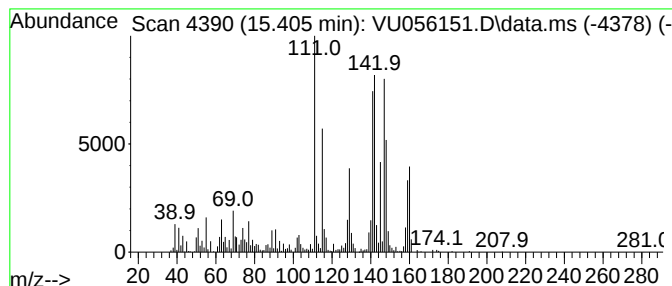
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.405	4.13 ug/L	877394	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzocycloheptatriene	142	C11H10	000264-09-5	92
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	38
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	38
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

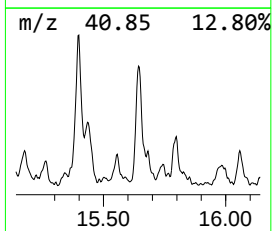
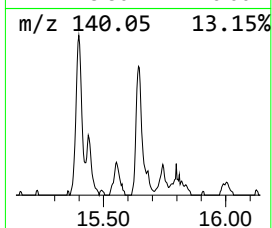
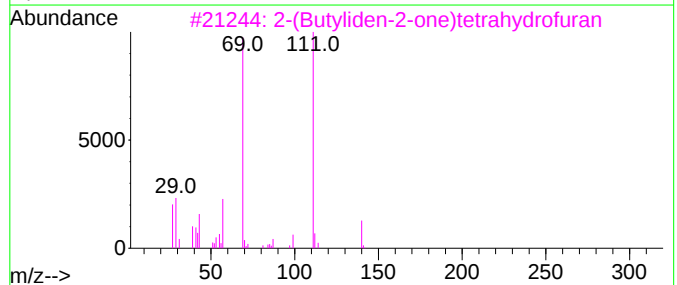
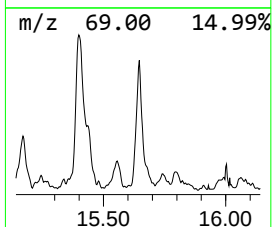
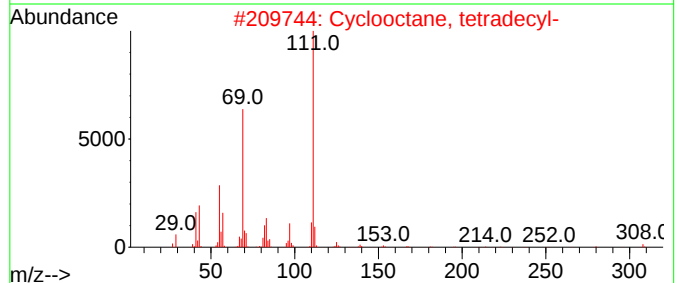
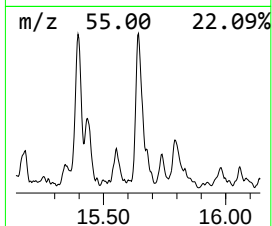
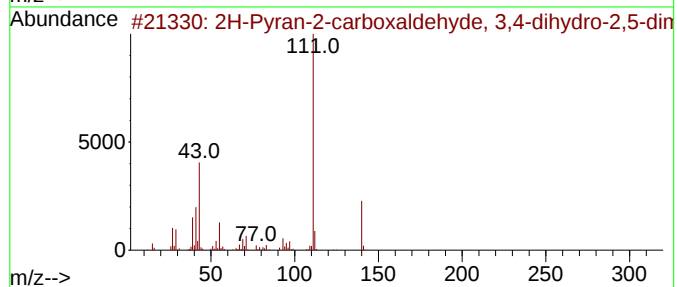
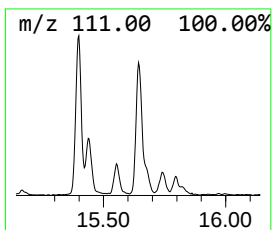
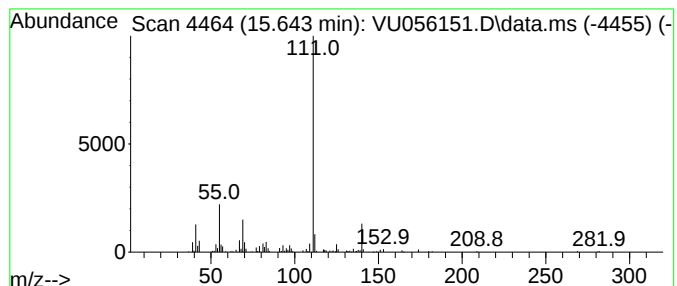
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 2H-Pyran-2-carboxaldehyde, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	1.07 ug/L	226286	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	72
2			Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	64
3			2-(Butyliden-2-one)tetrahydrofuran	140	C8H12O2	343270-50-8	59
4			1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	59
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

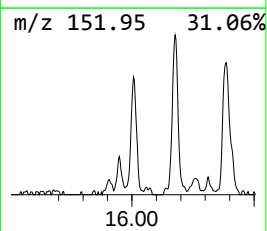
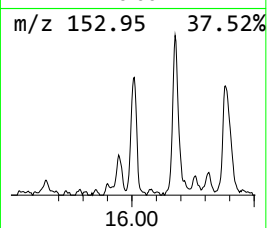
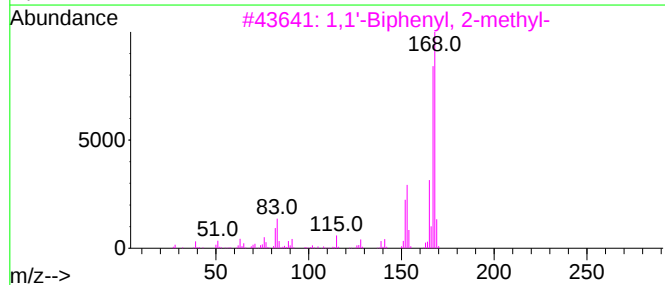
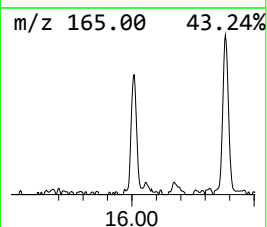
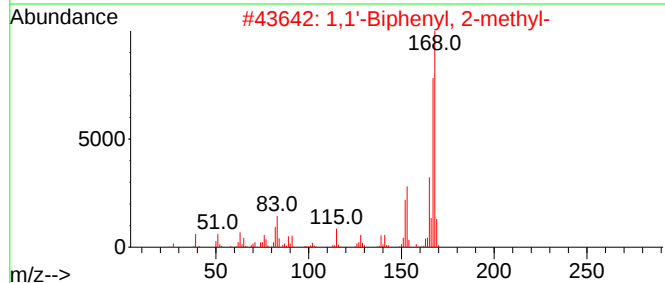
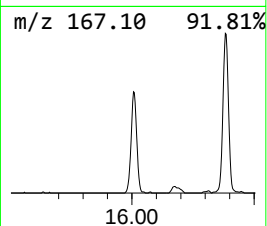
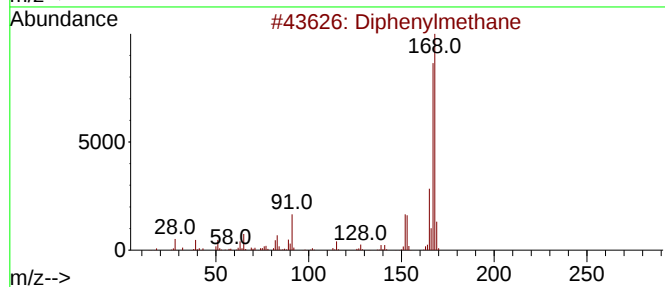
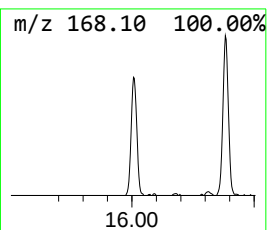
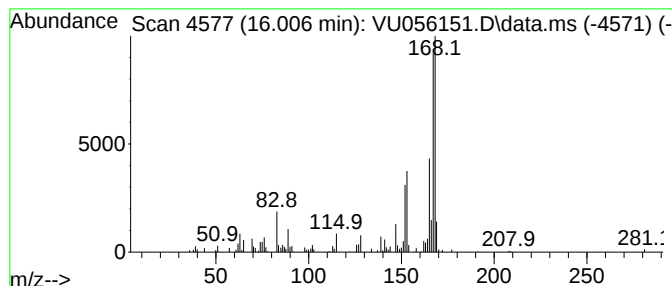
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Diphenylmethane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.006	0.61 ug/L	128791	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenylmethane	168	C13H12	000101-81-5	94
2			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
4			Diphenylmethane	168	C13H12	000101-81-5	90
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

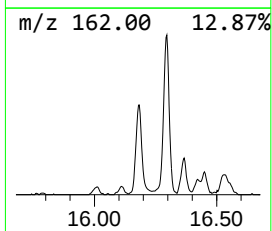
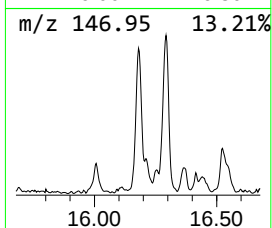
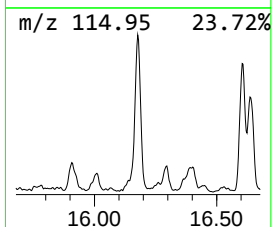
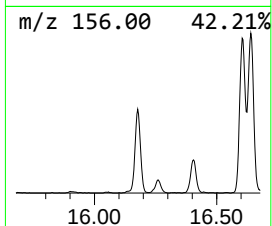
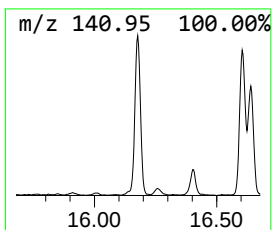
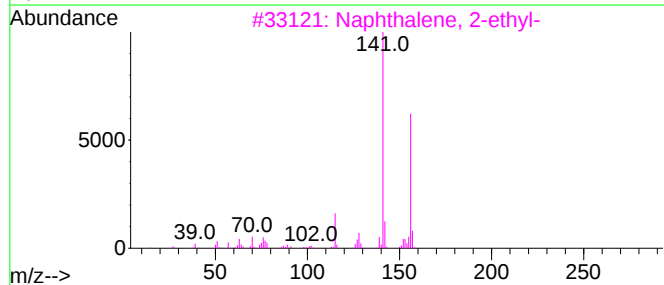
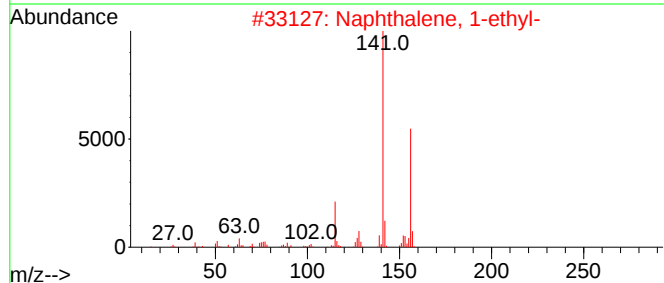
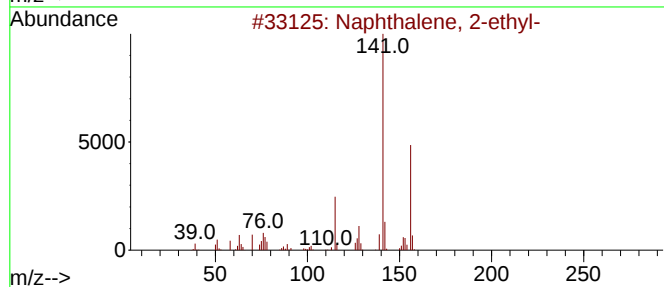
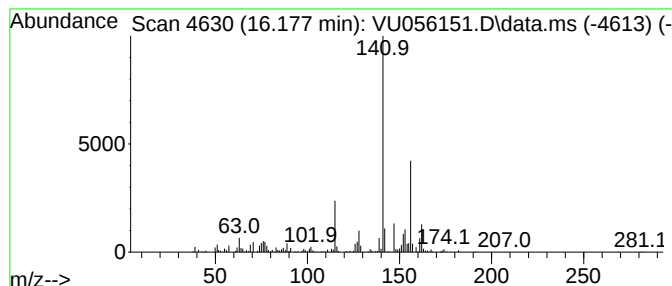
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 28 Naphthalene, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.177	2.69 ug/L	571589	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

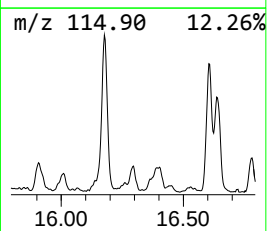
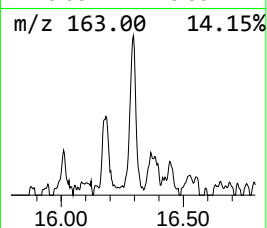
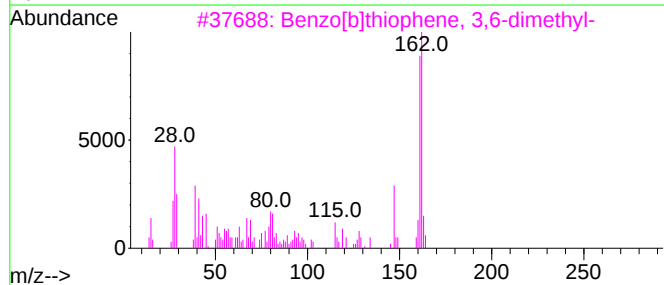
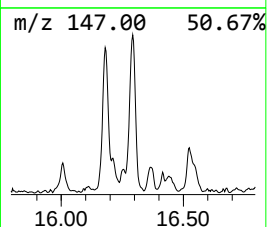
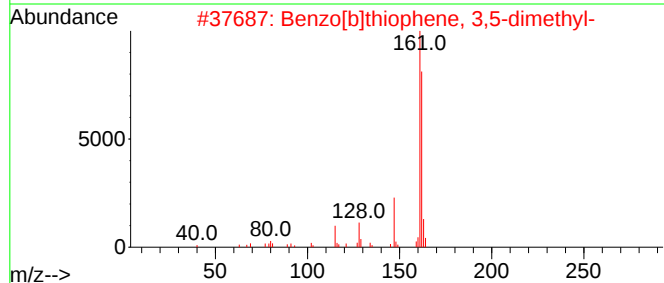
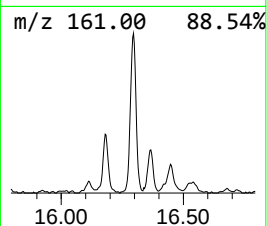
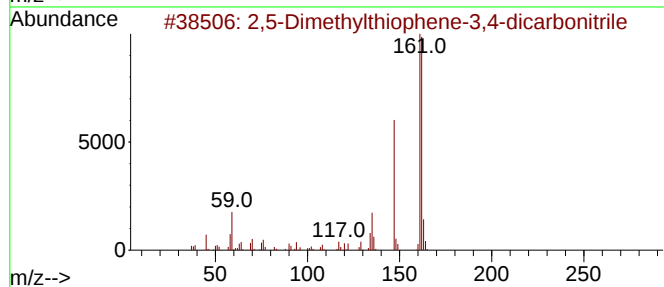
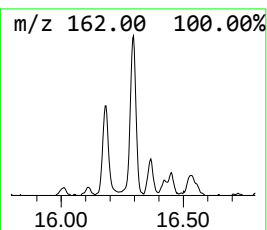
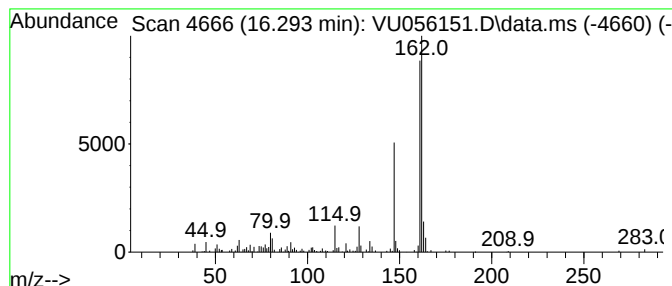
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 29 2,5-Dimethylthiophene-3,4-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	0.70 ug/L	149507	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	90
2			Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	83
3			Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	80
4			Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	56
5			Anisole, p-(1-ethylvinyl)-	162	C11H14O	021758-19-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

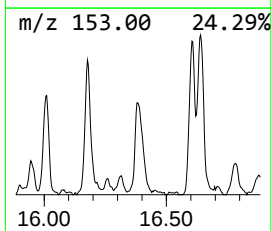
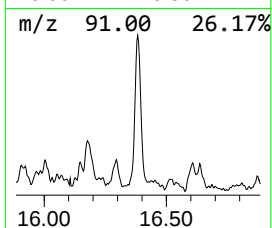
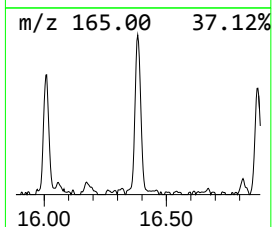
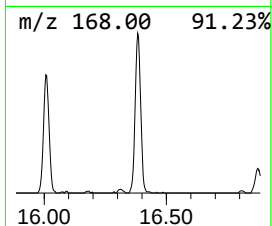
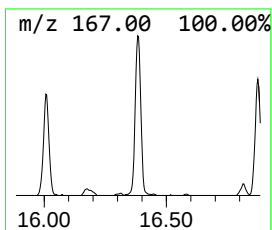
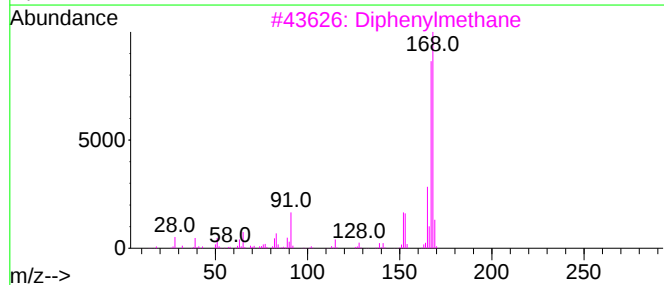
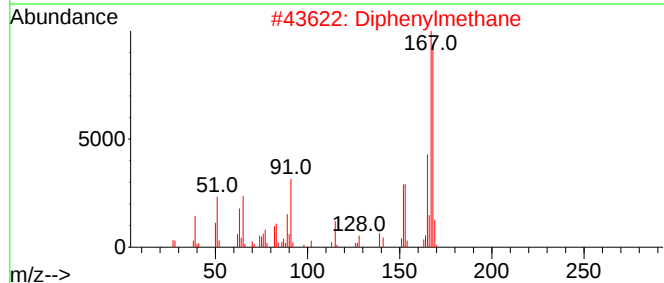
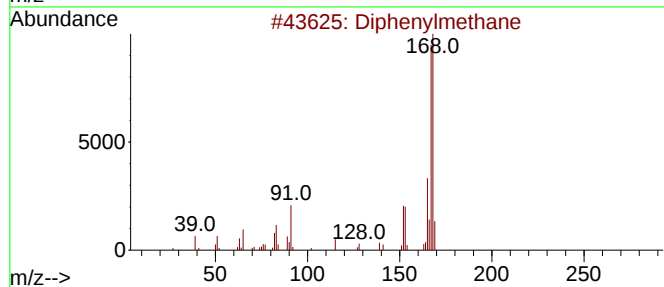
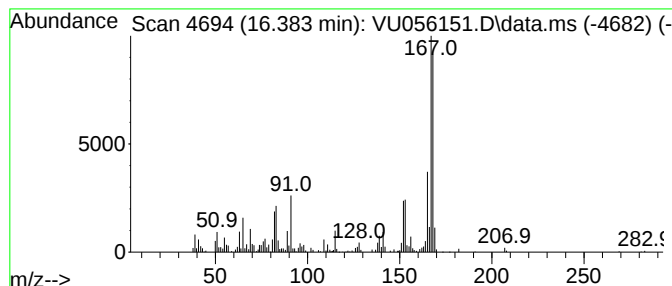
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 30 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.383	1.57 ug/L	332541	1,4-Dichlorobenzene-d4	11.807

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylmethane	168	C13H12	000101-81-5	94
2		Diphenylmethane	168	C13H12	000101-81-5	93
3		Diphenylmethane	168	C13H12	000101-81-5	93
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

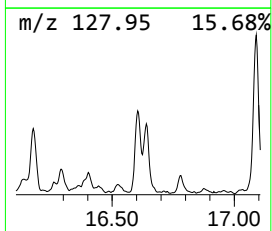
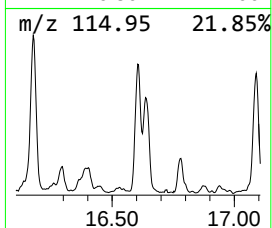
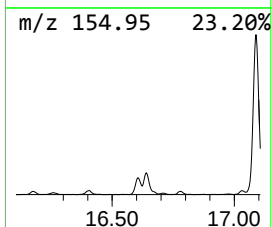
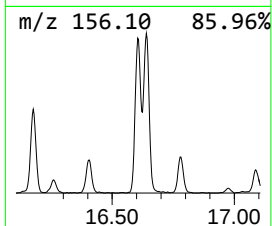
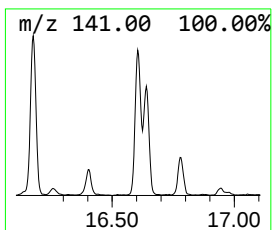
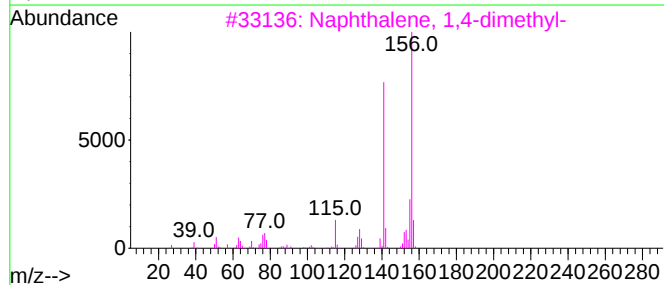
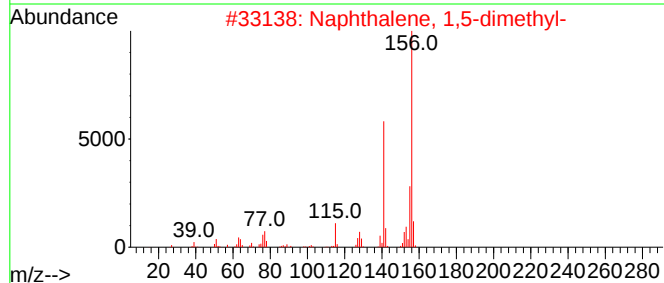
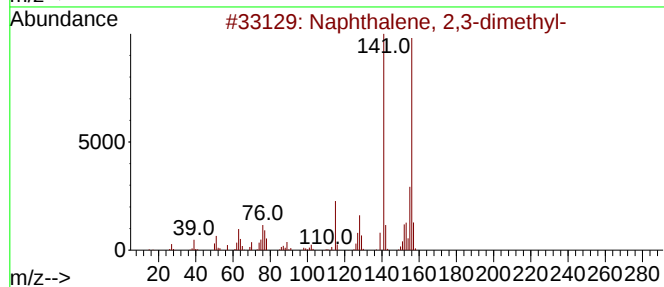
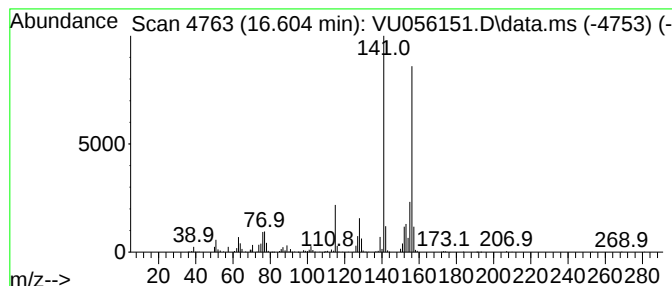
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 31 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.605	2.33 ug/L	494498	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

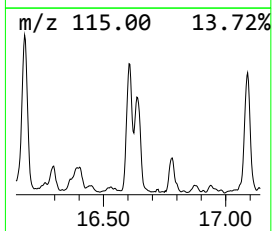
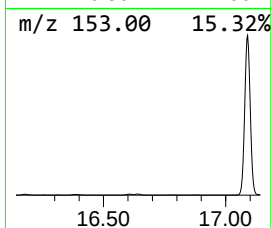
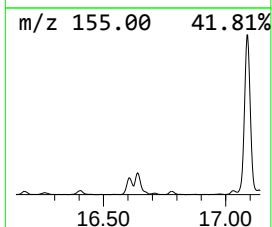
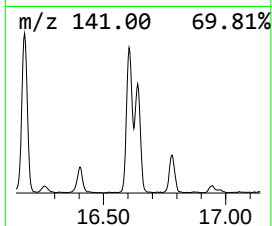
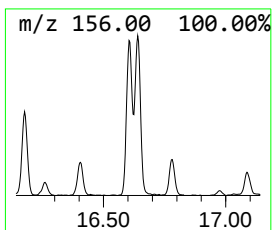
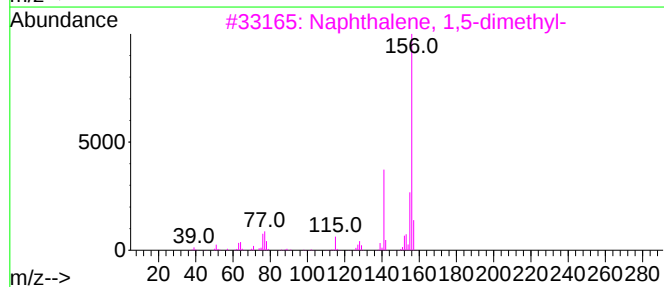
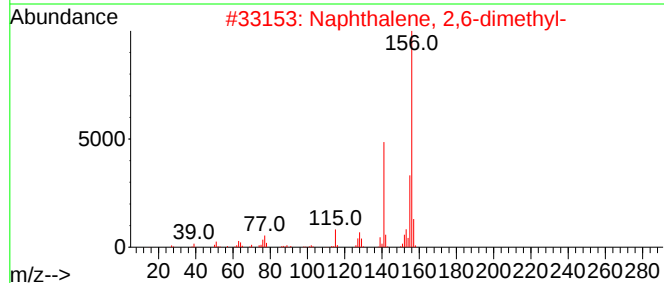
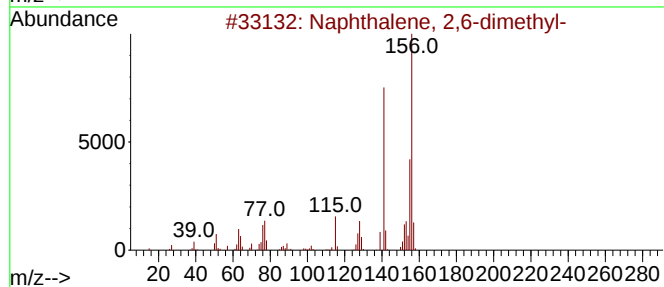
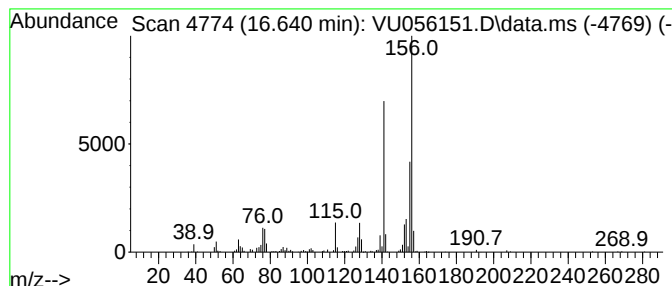
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 32 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.640	1.95 ug/L	413086	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

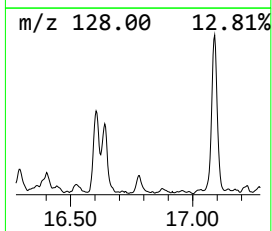
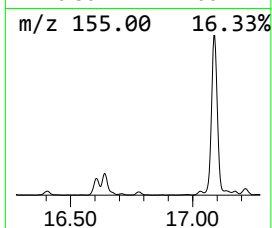
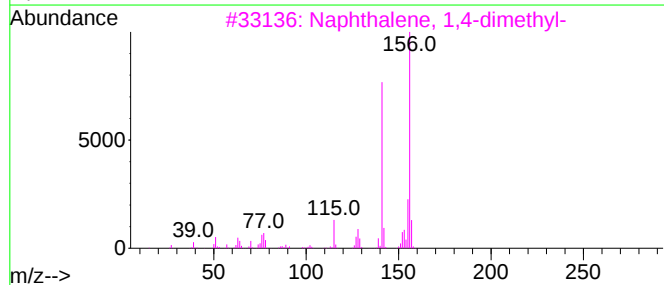
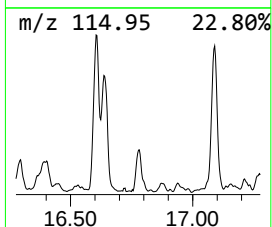
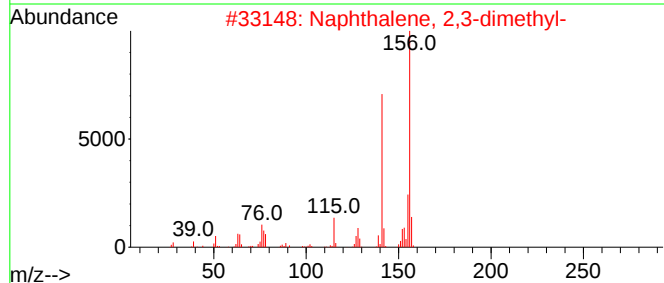
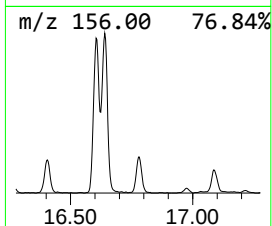
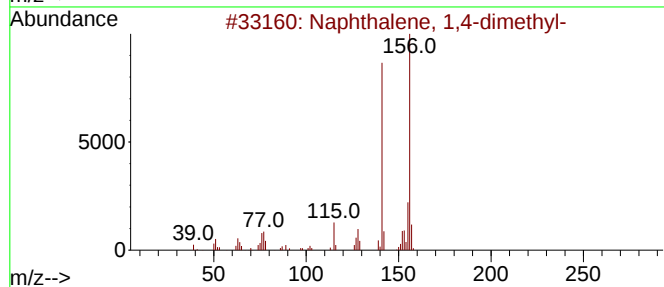
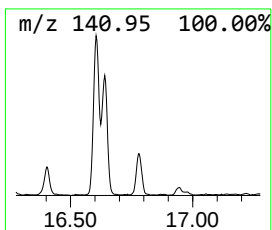
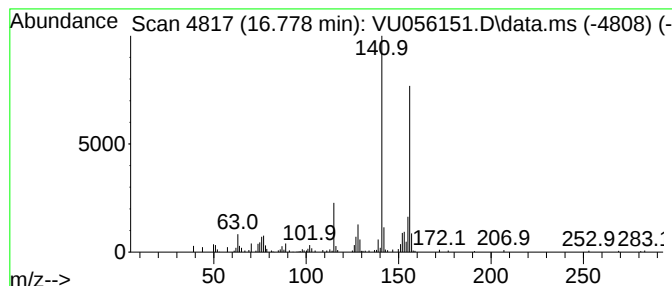
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 33 Naphthalene, 1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	0.56 ug/L	118837	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

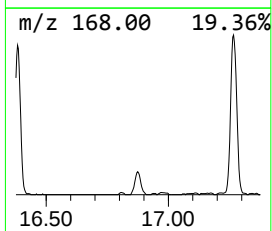
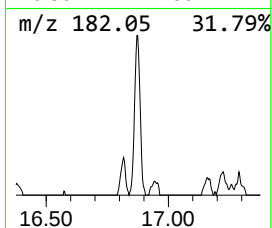
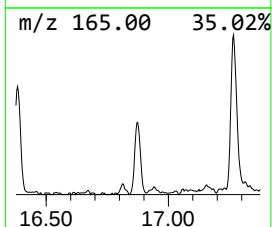
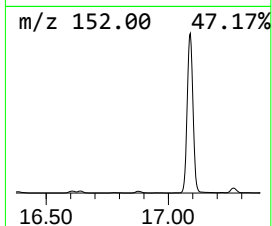
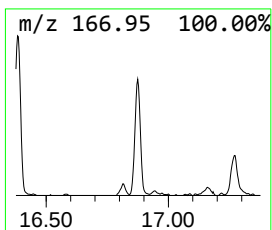
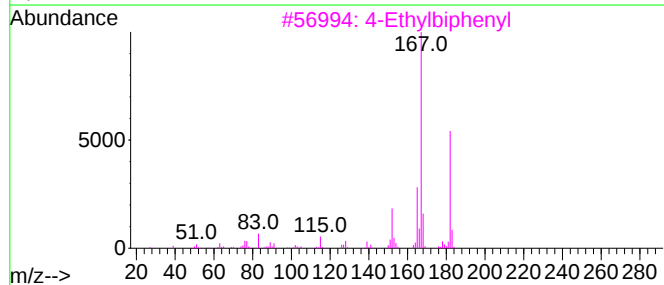
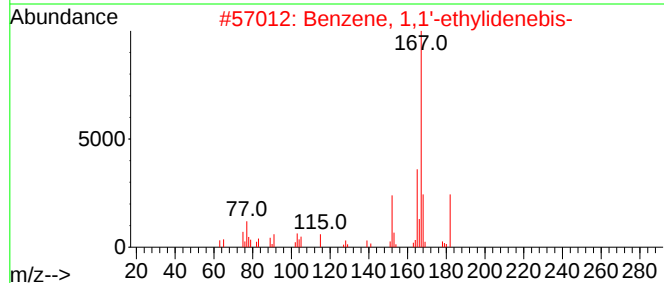
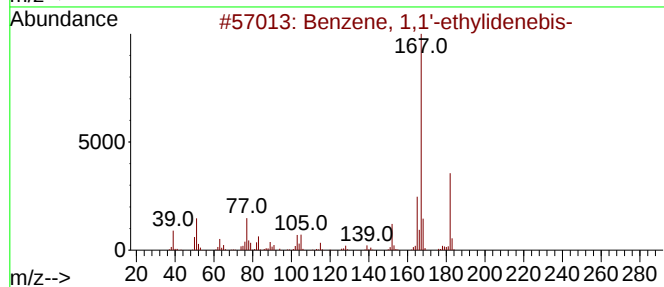
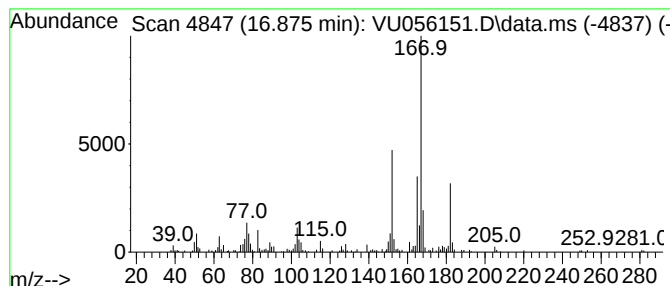
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 34 Benzene, 1,1'-ethylidenebis- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	0.64 ug/L	135129	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	90
2			Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	89
3			4-Ethylbiphenyl	182	C14H14	005707-44-8	81
4			Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	74
5			1,2-Diphenylethyl isothiocyanate	239	C15H13NS	1010134-54-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

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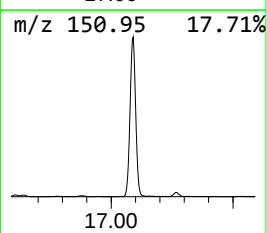
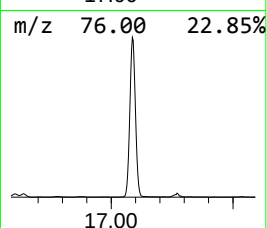
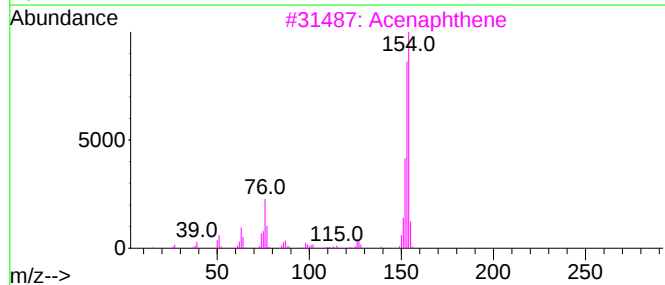
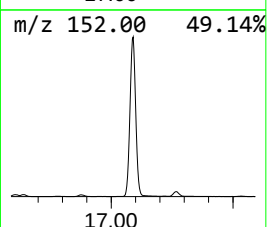
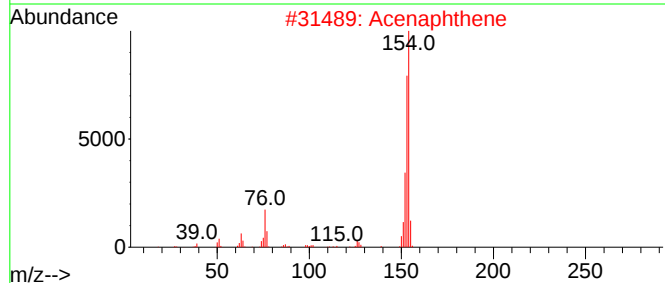
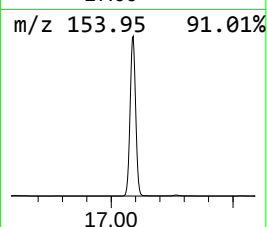
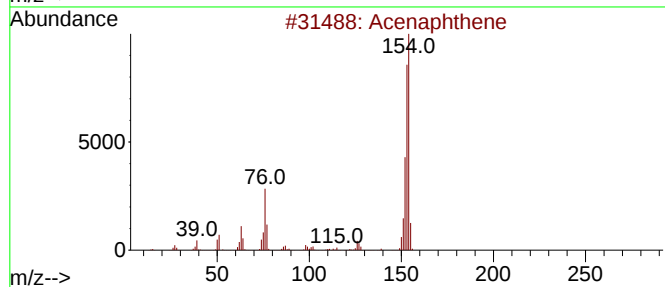
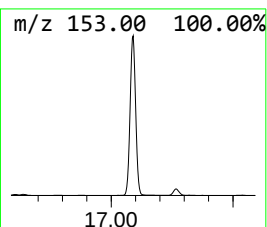
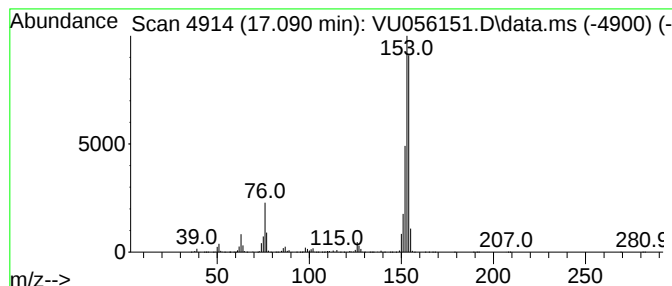
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 35 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.090	40.50 ug/L	8599910	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Acenaphthene	154	C12H10	000083-32-9	93
3			Acenaphthene	154	C12H10	000083-32-9	90
4			Acenaphthene	154	C12H10	000083-32-9	89
5			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
Data File : VU056151.D
Acq On : 09 Nov 2023 19:40
Operator : MD/SY
Sample : 05342-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COAH1

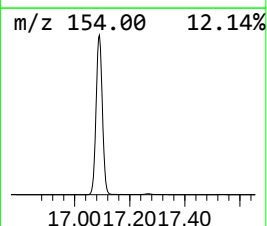
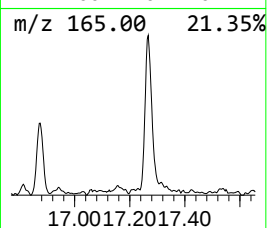
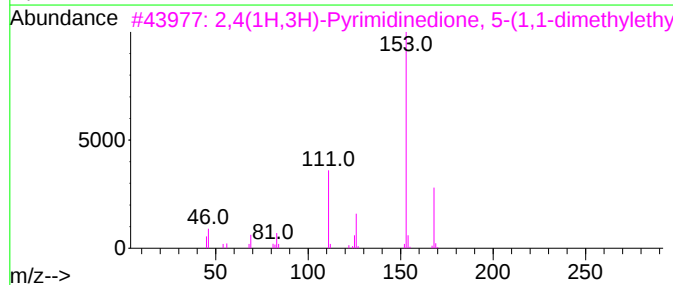
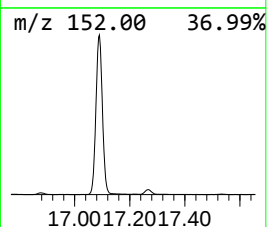
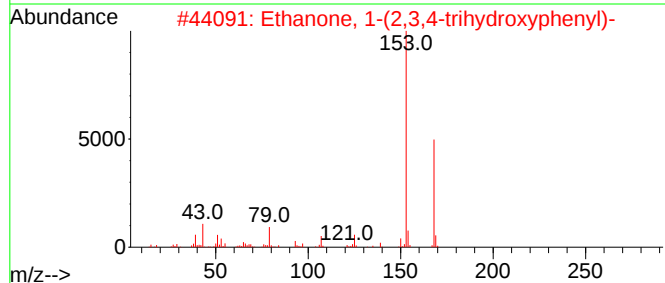
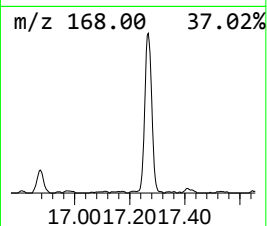
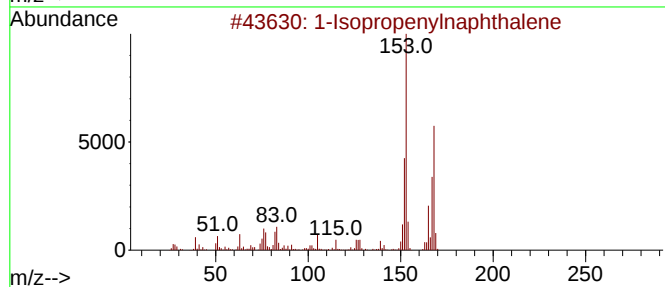
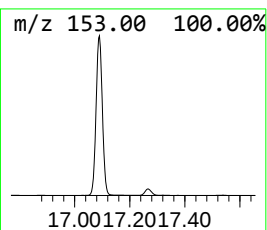
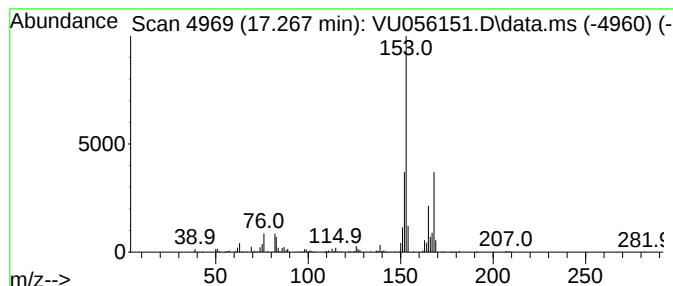
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 36 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.267	1.42 ug/L	302018	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
3			2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	50
4			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
5			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056151.D
 Acq On : 09 Nov 2023 19:40
 Operator : MD/SY
 Sample : 05342-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAH1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-meth...	11.640	0.7	ug/L	144896	3	11.807	1061670	5.0
Benzene, 1,2-di...	12.093	1.2	ug/L	249467	3	11.807	1061670	5.0
Benzene, 1,3-di...	12.299	1.1	ug/L	241243	3	11.807	1061670	5.0
Benzene, (2-met...	12.675	1.6	ug/L	345214	3	11.807	1061670	5.0
Benzofuran, 7-m...	12.920	1.0	ug/L	206942	3	11.807	1061670	5.0
Benzofuran, 2-m...	13.019	1.0	ug/L	214924	3	11.807	1061670	5.0
2-Methylindene	13.515	1.2	ug/L	254847	3	11.807	1061670	5.0
Cycloprop[a]ind...	13.621	1.6	ug/L	339830	3	11.807	1061670	5.0
Benzene, (1,2-d...	13.781	1.0	ug/L	206525	3	11.807	1061670	5.0
Benzene, 1,3,5-...	13.952	1.2	ug/L	252971	3	11.807	1061670	5.0
1H-Benzimidazol...	14.055	1.5	ug/L	309038	3	11.807	1061670	5.0
2-Propenal, 2-m...	14.103	1.3	ug/L	284020	3	11.807	1061670	5.0
Naphthalene, 1,...	14.180	1.1	ug/L	225237	3	11.807	1061670	5.0
1H-Benzimidazol...	14.235	1.5	ug/L	320914	3	11.807	1061670	5.0
1H-Indene, 1,1-...	14.672	0.8	ug/L	164219	3	11.807	1061670	5.0
Benzene, pentam...	14.804	1.6	ug/L	343784	3	11.807	1061670	5.0
Benzo[b]thiophe...	14.875	1.2	ug/L	248116	3	11.807	1061670	5.0
4-(Cyclopent-2-...	15.254	1.0	ug/L	209707	3	11.807	1061670	5.0
Benzocyclohepta...	15.405	4.1	ug/L	877394	3	11.807	1061670	5.0
2H-Pyran-2-carb...	15.643	1.1	ug/L	226286	3	11.807	1061670	5.0
Diphenylmethane	16.006	0.6	ug/L	128791	3	11.807	1061670	5.0
Naphthalene, 2-...	16.177	2.7	ug/L	571589	3	11.807	1061670	5.0
2,5-Dimethylthi...	16.293	0.7	ug/L	149507	3	11.807	1061670	5.0
1,1'-Biphenyl, ...	16.383	1.6	ug/L	332541	3	11.807	1061670	5.0
Naphthalene, 2,...	16.605	2.3	ug/L	494498	3	11.807	1061670	5.0
Naphthalene, 2,...	16.640	2.0	ug/L	413086	3	11.807	1061670	5.0
Naphthalene, 1,...	16.778	0.6	ug/L	118837	3	11.807	1061670	5.0
Benzene, 1,1'-e...	16.875	0.6	ug/L	135129	3	11.807	1061670	5.0
Hexa-2,4-diyn-1...	17.090	40.5	ug/L	8599910	3	11.807	1061670	5.0
1-Isopropenylna...	17.267	1.4	ug/L	302018	3	11.807	1061670	5.0