

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
 Data File : VU052766.D  
 Acq On : 20 Jan 2023 17:33  
 Operator : JC/MD  
 Sample : 01216-01DL 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH206DL

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\SFAMUTR011023WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU052766.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.723       | 1342          | 1363        | 1373         | rBV2     | 240984         | 634309        | 1.21%           | 0.756%        |
| 2         | 7.964       | 2049          | 2060        | 2081         | rVB      | 1102896        | 1891893       | 3.62%           | 2.255%        |
| 3         | 8.632       | 2256          | 2268        | 2305         | rVB      | 429246         | 852109        | 1.63%           | 1.016%        |
| 4         | 9.687       | 2583          | 2596        | 2618         | rVB      | 1206244        | 1924676       | 3.68%           | 2.294%        |
| 5         | 10.099      | 2712          | 2724        | 2746         | rVB4     | 674174         | 1259599       | 2.41%           | 1.501%        |
| 6         | 11.462      | 3135          | 3148        | 3160         | rBV      | 519929         | 789429        | 1.51%           | 0.941%        |
| 7         | 11.726      | 3216          | 3230        | 3244         | rBV      | 1294953        | 2017360       | 3.86%           | 2.405%        |
| 8         | 11.806      | 3244          | 3255        | 3270         | rVB      | 368862         | 583592        | 1.12%           | 0.696%        |
| 9         | 12.089      | 3328          | 3343        | 3362         | rBV      | 2228715        | 3417707       | 6.54%           | 4.074%        |
| 10        | 12.189      | 3362          | 3374        | 3387         | rVB      | 351907         | 561355        | 1.07%           | 0.669%        |
| 11        | 12.308      | 3397          | 3411        | 3427         | rBV      | 6580957        | 10215924      | 19.54%          | 12.177%       |
| 12        | 12.918      | 3579          | 3601        | 3610         | rBV2     | 312500         | 549141        | 1.05%           | 0.655%        |
| 13        | 13.021      | 3622          | 3633        | 3644         | rBV      | 785904         | 1461715       | 2.80%           | 1.742%        |
| 14        | 14.089      | 3945          | 3965        | 3984         | rBV2     | 31225531       | 52272232      | 100.00%         | 62.309%       |
| 15        | 14.201      | 3988          | 4000        | 4018         | rVB      | 1611198        | 2612429       | 5.00%           | 3.114%        |
| 16        | 15.217      | 4305          | 4316        | 4336         | rVB      | 1132846        | 1740171       | 3.33%           | 2.074%        |
| 17        | 15.404      | 4362          | 4374        | 4399         | rVB      | 706752         | 1108561       | 2.12%           | 1.321%        |

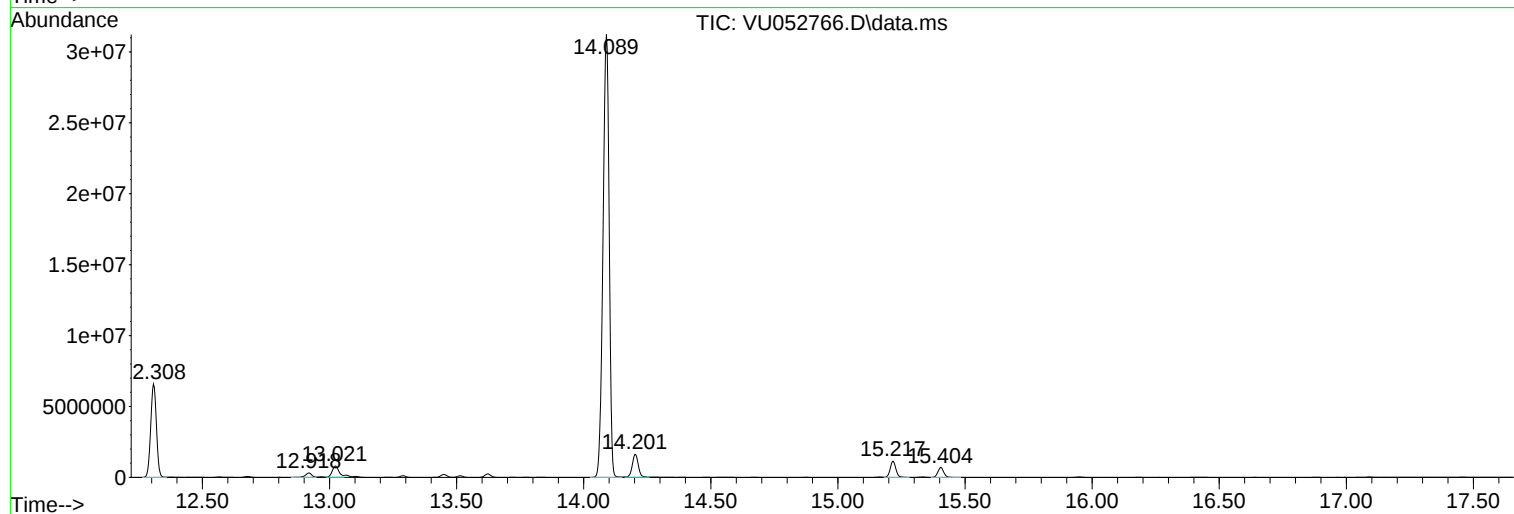
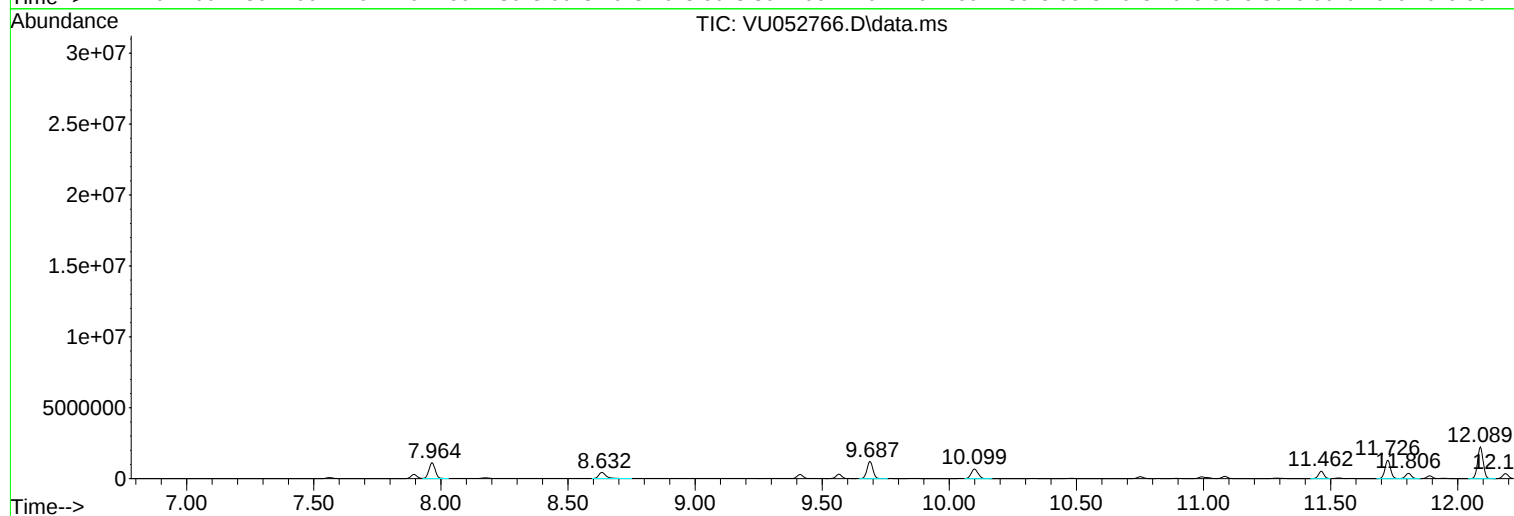
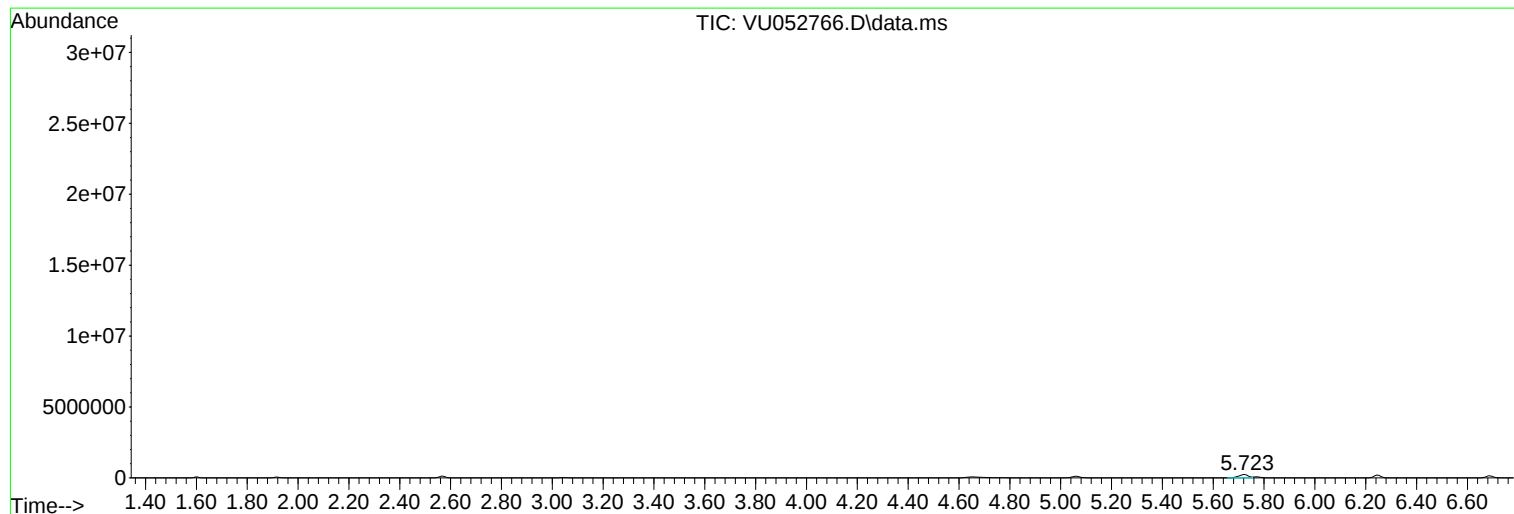
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :  
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ClientSampleId :  
BH206DL

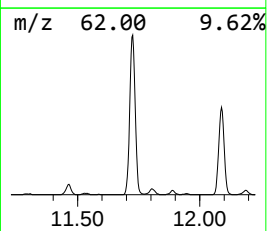
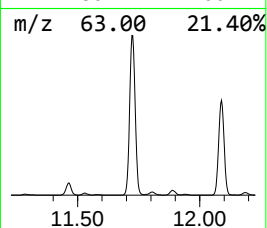
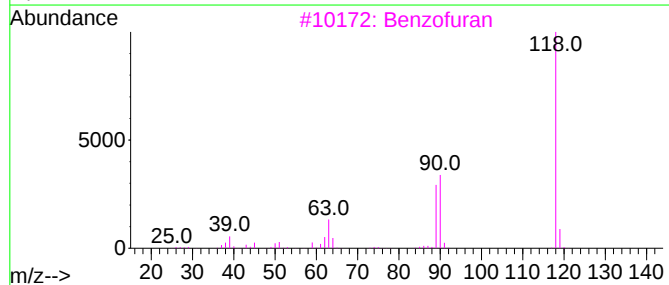
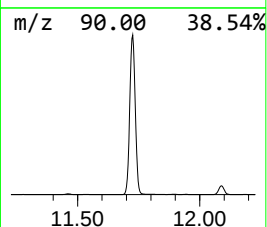
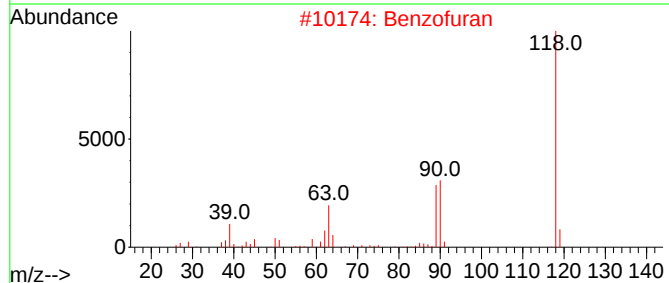
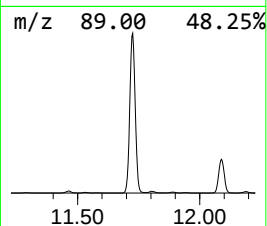
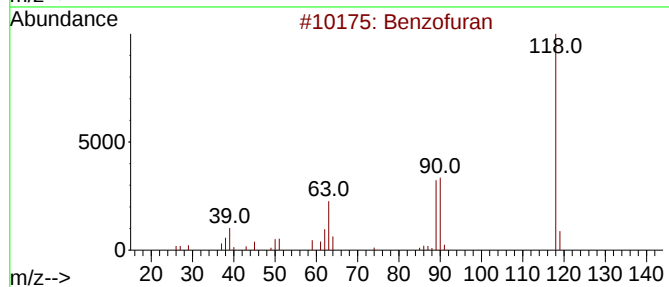
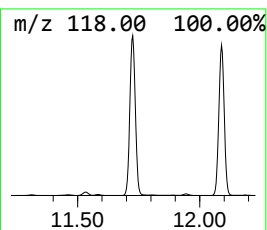
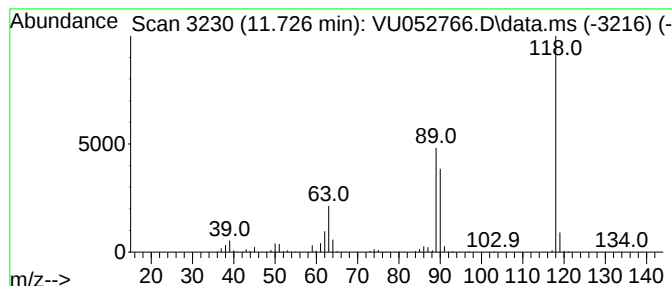
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Benzofuran Concentration Rank 5

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.726 | 17.28 ug/L | 2017360 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 96   |
| 2    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 91   |
| 3    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 90   |
| 4    |    |   | Benzofuran                 | 118 | C8H6O   | 000271-89-6 | 90   |
| 5    |    |   | 2H-Cyclopenta[d]pyridazine | 118 | C7H6N2  | 000270-64-4 | 58   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

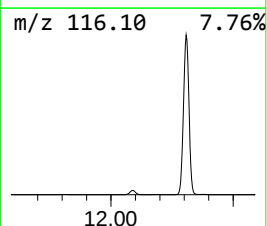
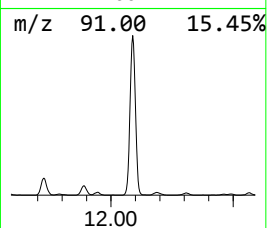
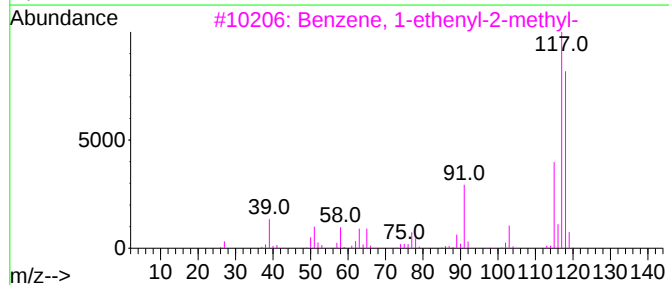
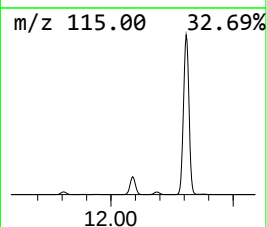
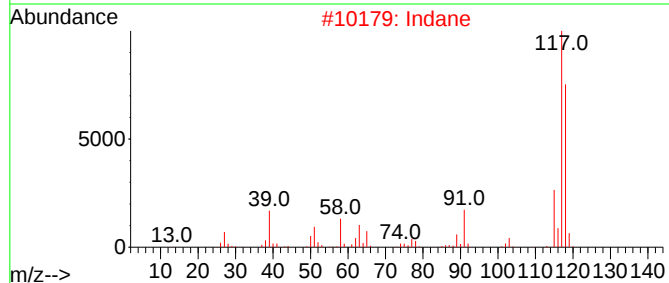
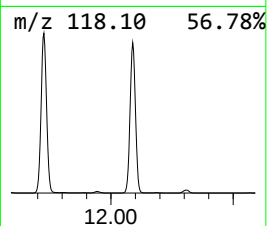
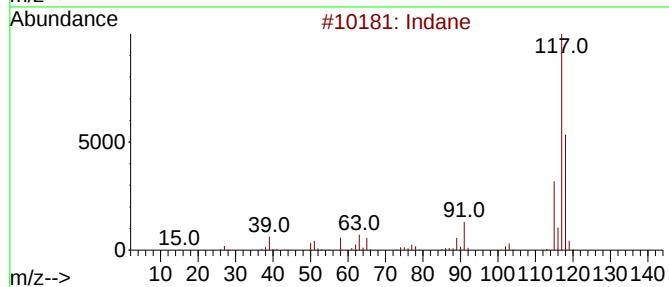
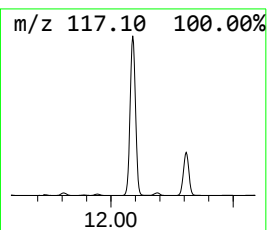
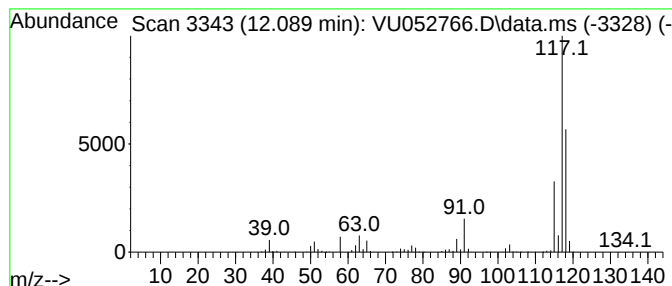
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Indane Concentration Rank 3

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.089 | 29.28 ug/L | 3417710 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of                           | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 93   |
| 2    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 91   |
| 3    | Benzene, 1-ethenyl-2-methyl- |   |              | 118 | C9H10   | 000611-15-4 | 87   |
| 4    | Indane                       |   |              | 118 | C9H10   | 000496-11-7 | 87   |
| 5    | Deltacyclene                 |   |              | 118 | C9H10   | 007785-10-6 | 72   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

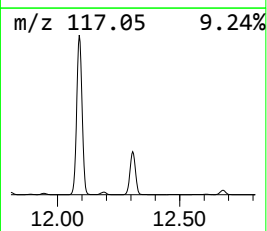
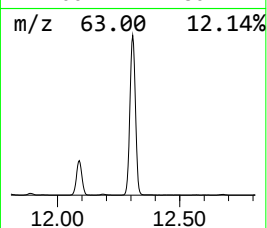
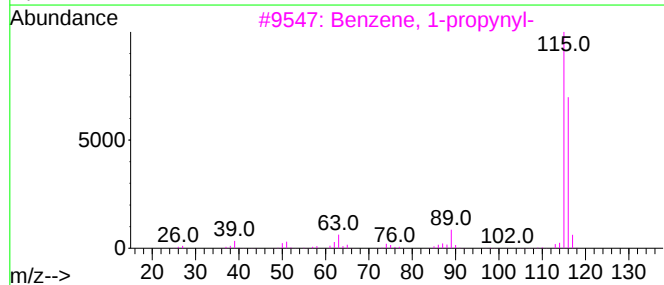
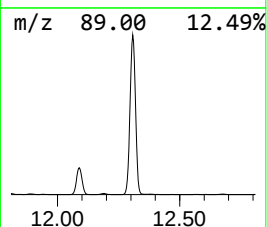
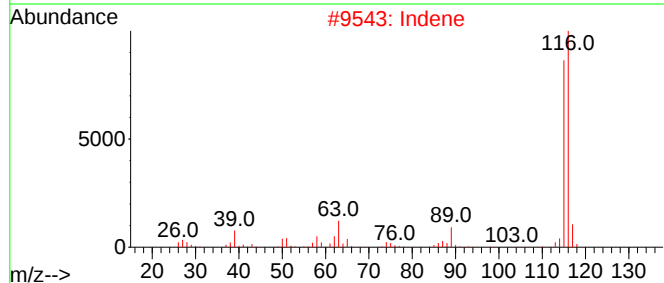
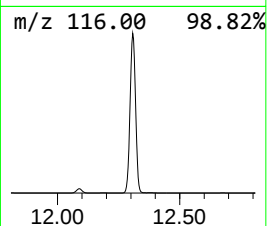
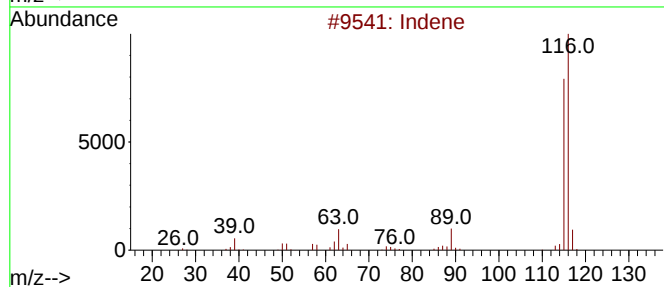
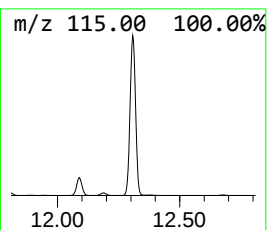
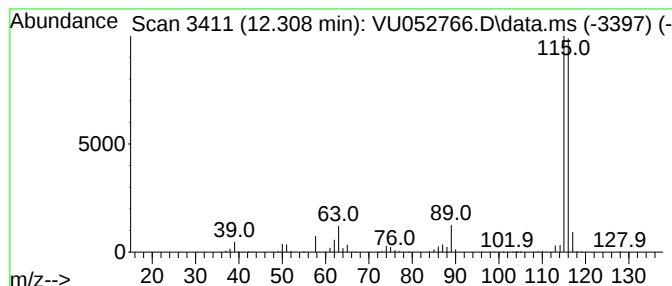
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 3 Indene Concentration Rank 2

| R.T.   | EstConc    | Area     | Relative to ISTD       | R.T.   |
|--------|------------|----------|------------------------|--------|
| 12.308 | 87.53 ug/L | 10215900 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of                      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------|---|--------------|-----|---------|-------------|------|
| 1    | Indene                  |   |              | 116 | C9H8    | 000095-13-6 | 97   |
| 2    | Indene                  |   |              | 116 | C9H8    | 000095-13-6 | 95   |
| 3    | Benzene, 1-propynyl-    |   |              | 116 | C9H8    | 000673-32-5 | 94   |
| 4    | Indene                  |   |              | 116 | C9H8    | 000095-13-6 | 94   |
| 5    | 3-Methylphenylacetylene |   |              | 116 | C9H8    | 000766-82-5 | 91   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

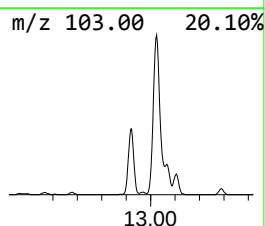
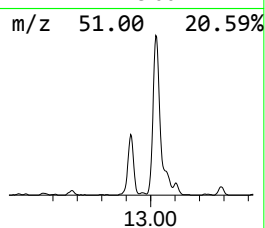
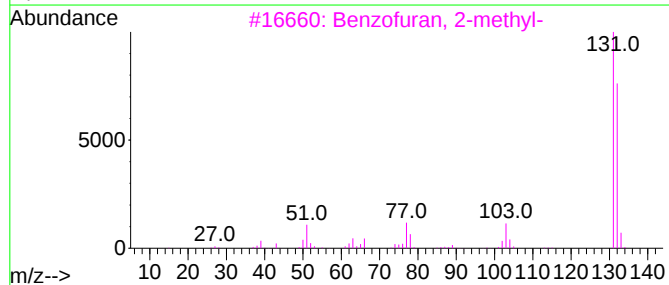
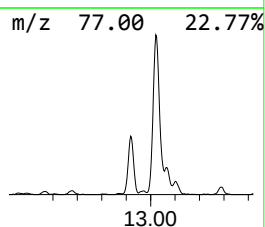
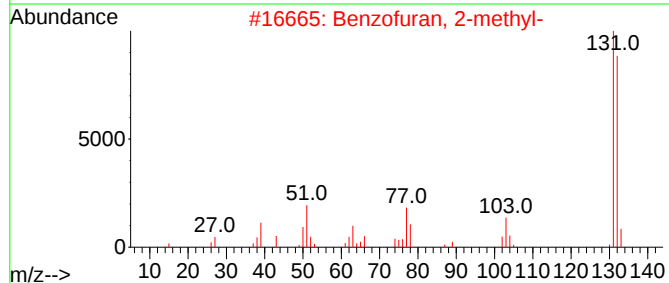
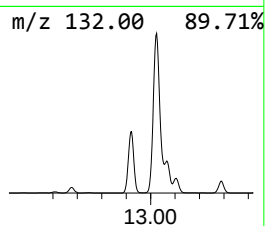
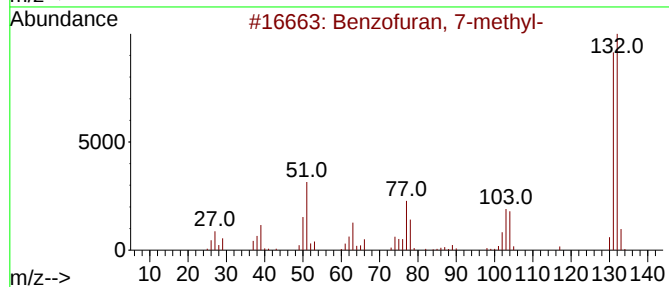
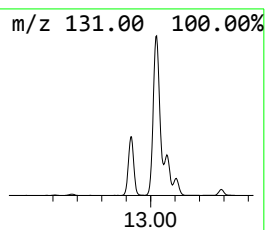
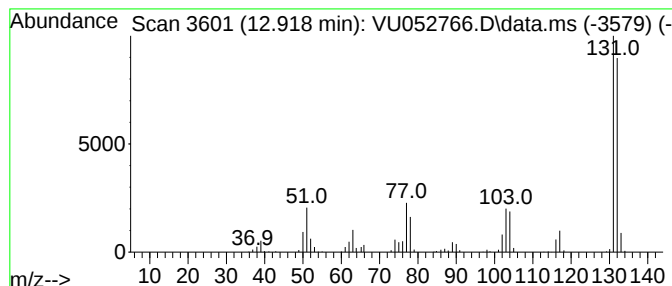
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.919 | 4.70 ug/L | 549141 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 7-methyl-  | 132 | C9H8O   | 017059-52-8 | 94   |
| 2    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 93   |
| 3    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 93   |
| 4    |    |   | 2-Propenal, 3-phenyl-  | 132 | C9H8O   | 000104-55-2 | 91   |
| 5    |    |   | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O   | 001504-58-1 | 90   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

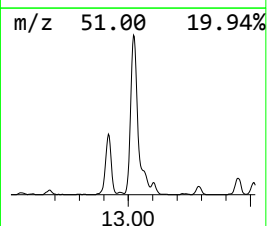
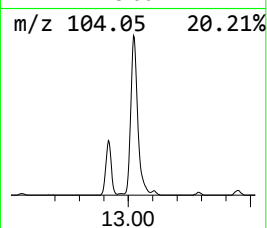
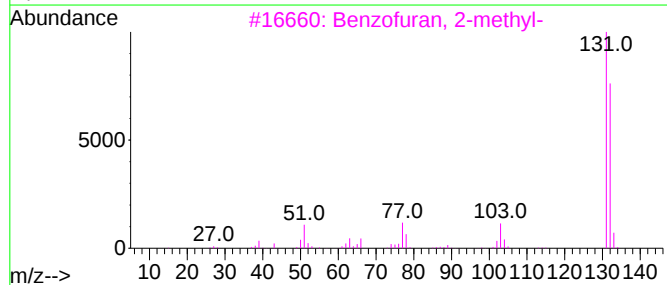
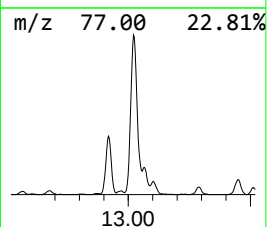
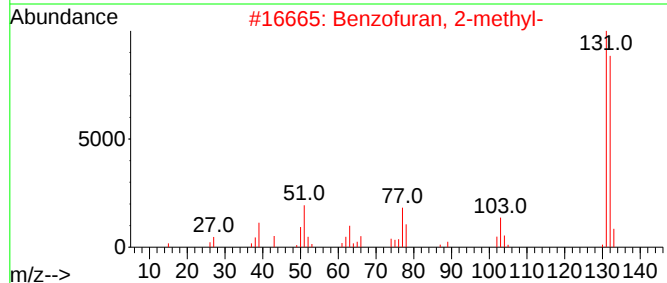
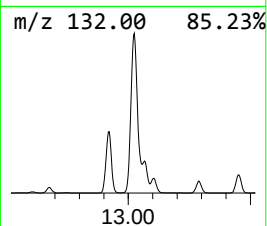
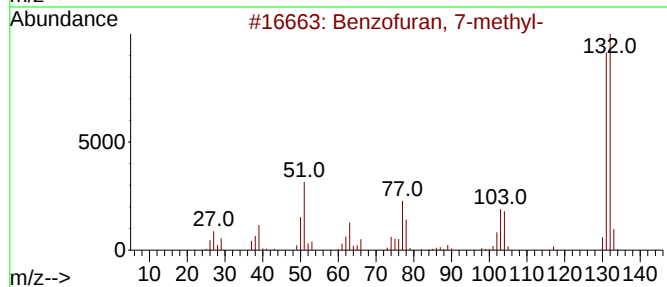
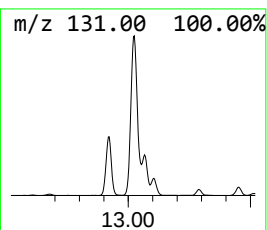
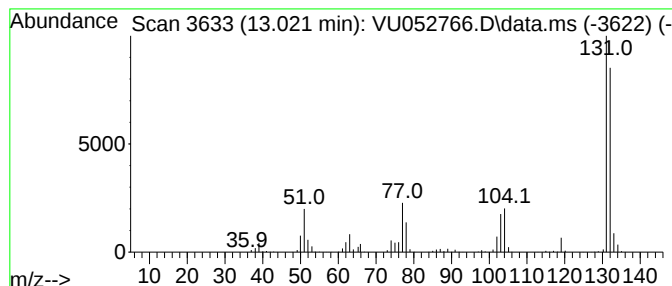
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 5 Benzfuran, 2-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 13.021 | 12.52 ug/L | 1461720 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 7-methyl- | 132 | C9H8O   | 017059-52-8 | 94   |
| 2    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 93   |
| 3    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 90   |
| 4    |    |   | Benzofuran, 2-methyl- | 132 | C9H8O   | 004265-25-2 | 90   |
| 5    |    |   | Cinnamaldehyde, (E)-  | 132 | C9H8O   | 014371-10-9 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
Data File : VU052766.D  
Acq On : 20 Jan 2023 17:33  
Operator : JC/MD  
Sample : 01216-01DL 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

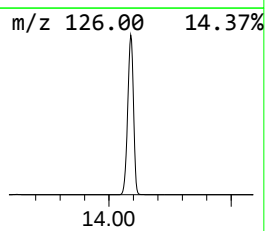
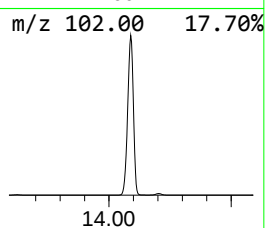
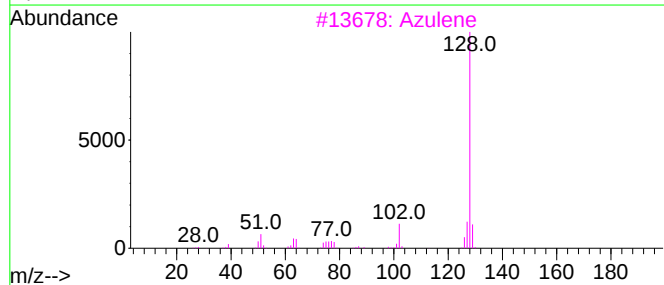
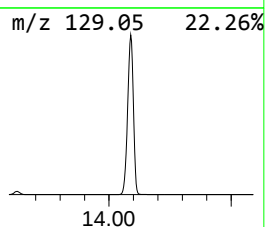
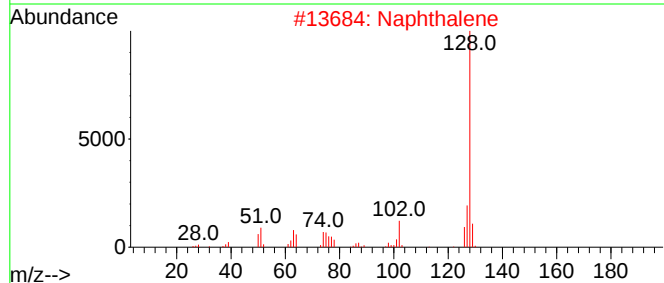
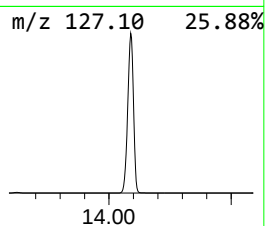
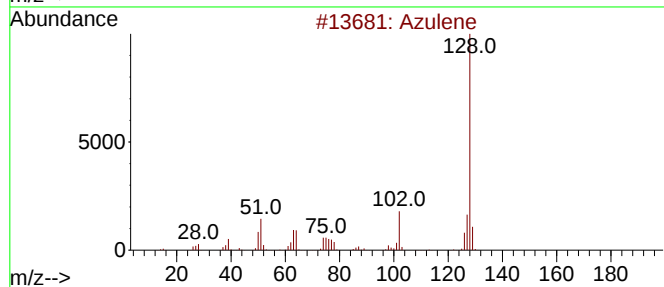
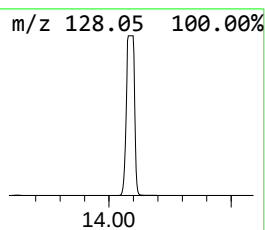
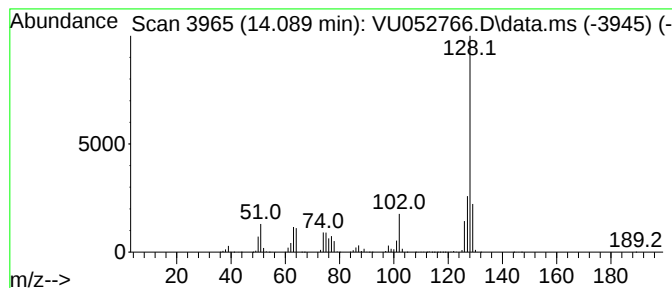
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 6 Azulene Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.089 | 447.85 ug/L | 52272200 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|-----|---------|--------------|------|
| 1    |    |   | Azulene                 | 128 | C10H8   | 000275-51-4  | 93   |
| 2    |    |   | Naphthalene             | 128 | C10H8   | 000091-20-3  | 93   |
| 3    |    |   | Azulene                 | 128 | C10H8   | 000275-51-4  | 81   |
| 4    |    |   | 4-Phenylbut-3-ene-1-yne | 128 | C10H8   | 1000222-12-0 | 81   |
| 5    |    |   | Naphthalene             | 128 | C10H8   | 000091-20-3  | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
Data File : VU052766.D  
Acq On : 20 Jan 2023 17:33  
Operator : JC/MD  
Sample : 01216-01DL 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

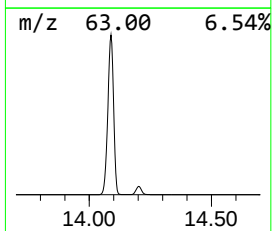
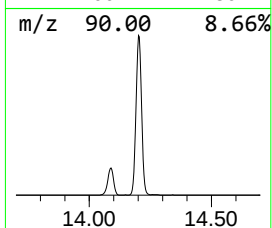
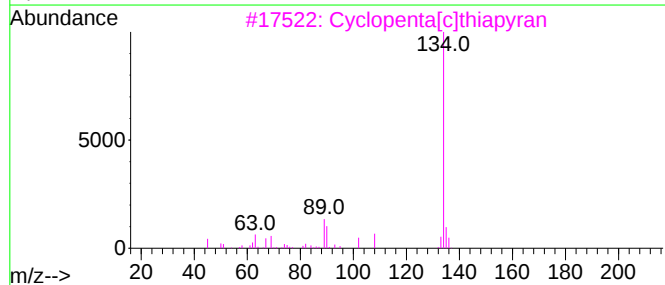
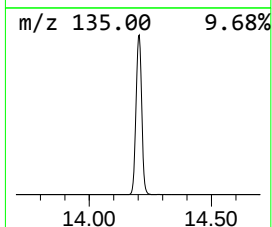
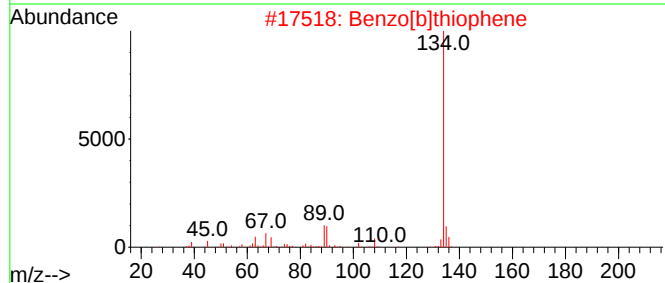
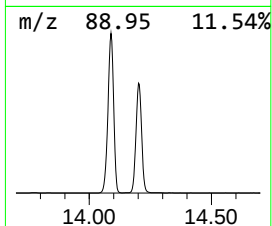
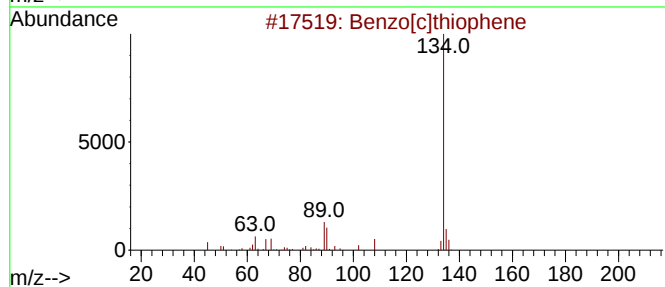
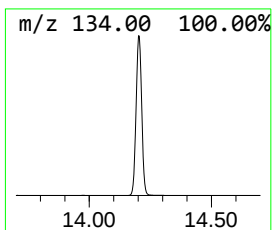
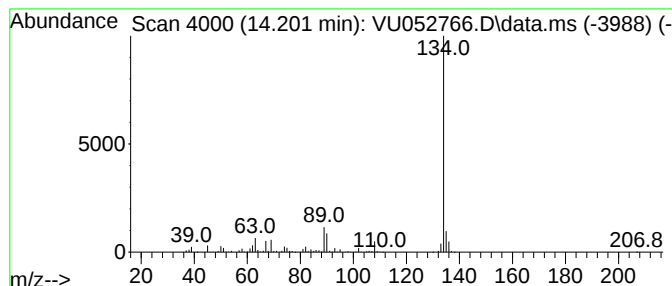
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Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 7 Benzo[c]thiophene Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.201 | 22.38 ug/L | 2612430 | 1,4-Dichlorobenzene-d4 | 11.806 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzo[c]thiophene                    | 134 | C8H6S     | 000270-82-6 | 97   |
| 2    |    |   | Benzo[b]thiophene                    | 134 | C8H6S     | 000095-15-8 | 94   |
| 3    |    |   | Cyclopenta[c]thiapyran               | 134 | C8H6S     | 000270-63-3 | 94   |
| 4    |    |   | Benzo[b]thiophene                    | 134 | C8H6S     | 000095-15-8 | 91   |
| 5    |    |   | [1]Benzo[thieno[2',3':3,4]cyclobu... | 246 | C13H10O3S | 034002-19-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012123\  
Data File : VU052766.D  
Acq On : 20 Jan 2023 17:33  
Operator : JC/MD  
Sample : 01216-01DL 10X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH206DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011023WMA.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 |
| Benzofuran         | 11.726 | 17.3    | ug/L  | 2017360  | 3                     | 11.806 | 583592 | 5.0  |
| Indane             | 12.089 | 29.3    | ug/L  | 3417710  | 3                     | 11.806 | 583592 | 5.0  |
| Indene             | 12.308 | 87.5    | ug/L  | 10215900 | 3                     | 11.806 | 583592 | 5.0  |
| Benzofuran, 7-m... | 12.919 | 4.7     | ug/L  | 549141   | 3                     | 11.806 | 583592 | 5.0  |
| Benzofuran, 2-m... | 13.021 | 12.5    | ug/L  | 1461720  | 3                     | 11.806 | 583592 | 5.0  |
| Azulene            | 14.089 | 447.9   | ug/L  | 52272200 | 3                     | 11.806 | 583592 | 5.0  |
| Benzo[c]thiophene  | 14.201 | 22.4    | ug/L  | 2612430  | 3                     | 11.806 | 583592 | 5.0  |