

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071224\  
 Data File : VU059916.D  
 Acq On : 12 Jul 2024 13:04  
 Operator : MD/SY  
 Sample : P3230-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHB61

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\SFAMUTR061724WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU059916.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         | 1.592       | 85            | 94          | 109          | rVB      | 67535          | 83437         | 4.83%           | 1.237%        |
| 2         | 1.907       | 182           | 192         | 206          | rBV      | 55079          | 76169         | 4.40%           | 1.129%        |
| 3         | 2.560       | 383           | 395         | 410          | rBV      | 107048         | 173067        | 10.01%          | 2.566%        |
| 4         | 2.647       | 411           | 422         | 450          | rBV      | 6917           | 21559         | 1.25%           | 0.320%        |
| 5         | 4.631       | 1027          | 1039        | 1063         | rBV      | 47626          | 148791        | 8.60%           | 2.206%        |
| 6         | 5.055       | 1156          | 1171        | 1199         | rBV      | 102196         | 239629        | 13.86%          | 3.553%        |
| 7         | 5.718       | 1359          | 1377        | 1403         | rBV2     | 182874         | 471099        | 27.24%          | 6.984%        |
| 8         | 6.242       | 1527          | 1540        | 1569         | rBV      | 190099         | 363208        | 21.00%          | 5.385%        |
| 9         | 6.682       | 1665          | 1677        | 1704         | rBV      | 108684         | 215229        | 12.45%          | 3.191%        |
| 10        | 7.560       | 1940          | 1950        | 1975         | rBV      | 49388          | 89183         | 5.16%           | 1.322%        |
| 11        | 7.891       | 2041          | 2053        | 2071         | rBV      | 218834         | 384145        | 22.22%          | 5.695%        |
| 12        | 8.177       | 2131          | 2142        | 2163         | rBV2     | 28620          | 50999         | 2.95%           | 0.756%        |
| 13        | 8.627       | 2272          | 2282        | 2322         | rBV      | 190659         | 396447        | 22.93%          | 5.878%        |
| 14        | 9.412       | 2509          | 2526        | 2550         | rBV      | 277890         | 471411        | 27.26%          | 6.989%        |
| 15        | 10.749      | 2931          | 2942        | 2959         | rBV      | 85612          | 140115        | 8.10%           | 2.077%        |
| 16        | 11.807      | 3259          | 3271        | 3294         | rBV      | 266517         | 448544        | 25.94%          | 6.650%        |
| 17        | 12.065      | 3337          | 3351        | 3373         | rBV5     | 11513          | 27576         | 1.59%           | 0.409%        |
| 18        | 12.187      | 3373          | 3389        | 3411         | rVV      | 209448         | 344502        | 19.92%          | 5.108%        |
| 19        | 12.772      | 3561          | 3571        | 3582         | rBV2     | 11746          | 18645         | 1.08%           | 0.276%        |
| 20        | 14.090      | 3970          | 3981        | 3996         | rBV      | 9941           | 18967         | 1.10%           | 0.281%        |
| 21        | 14.666      | 4149          | 4160        | 4174         | rVB4     | 9036           | 17932         | 1.04%           | 0.266%        |
| 22        | 15.216      | 4316          | 4331        | 4355         | rVB      | 239384         | 397188        | 22.97%          | 5.889%        |
| 23        | 15.402      | 4377          | 4389        | 4414         | rBV      | 1096786        | 1729191       | 100.00%         | 25.637%       |
| 24        | 16.177      | 4624          | 4630        | 4640         | rVB2     | 18600          | 29783         | 1.72%           | 0.442%        |
| 25        | 16.257      | 4646          | 4655        | 4665         | rBV4     | 24262          | 41275         | 2.39%           | 0.612%        |
| 26        | 16.402      | 4687          | 4700        | 4707         | rBV2     | 100369         | 169777        | 9.82%           | 2.517%        |
| 27        | 16.441      | 4707          | 4712        | 4728         | rVB2     | 71849          | 107779        | 6.23%           | 1.598%        |
| 28        | 16.605      | 4754          | 4763        | 4766         | rBV4     | 16295          | 22906         | 1.32%           | 0.340%        |
| 29        | 16.778      | 4806          | 4817        | 4832         | rVB      | 23860          | 46431         | 2.69%           | 0.688%        |

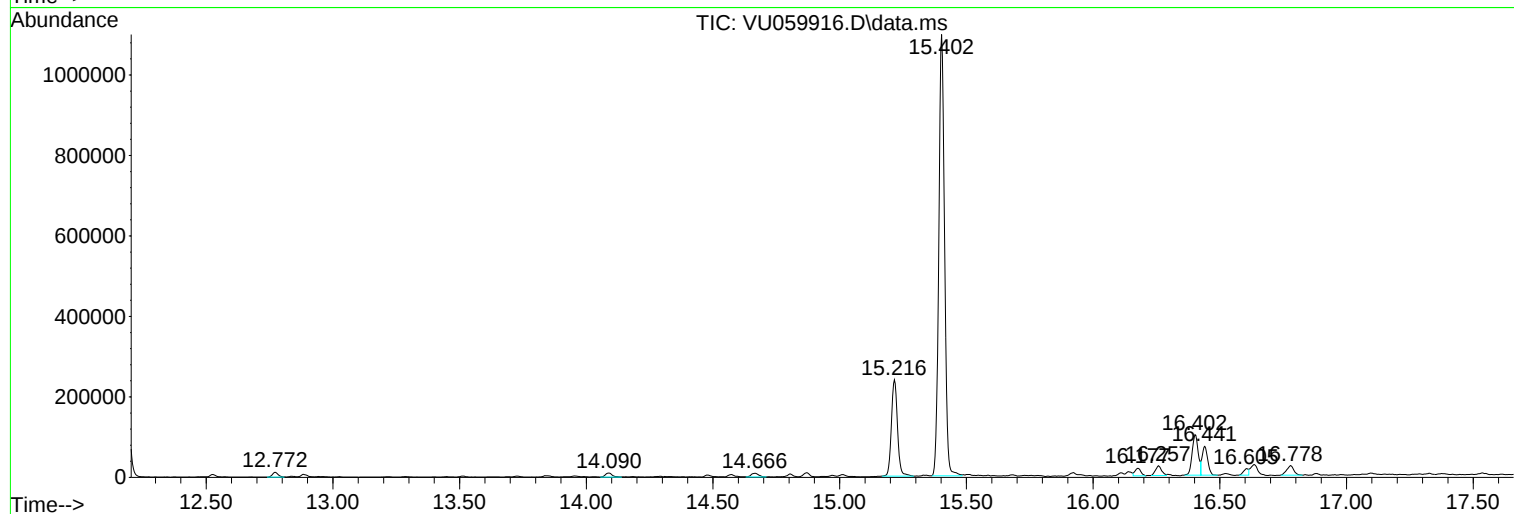
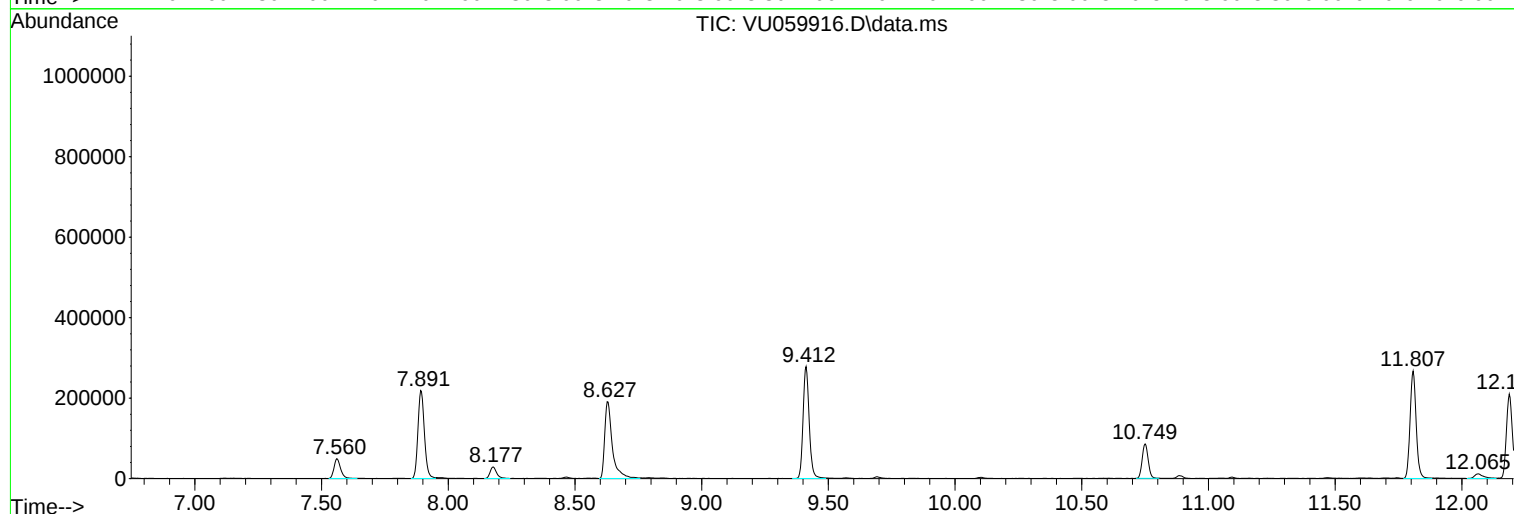
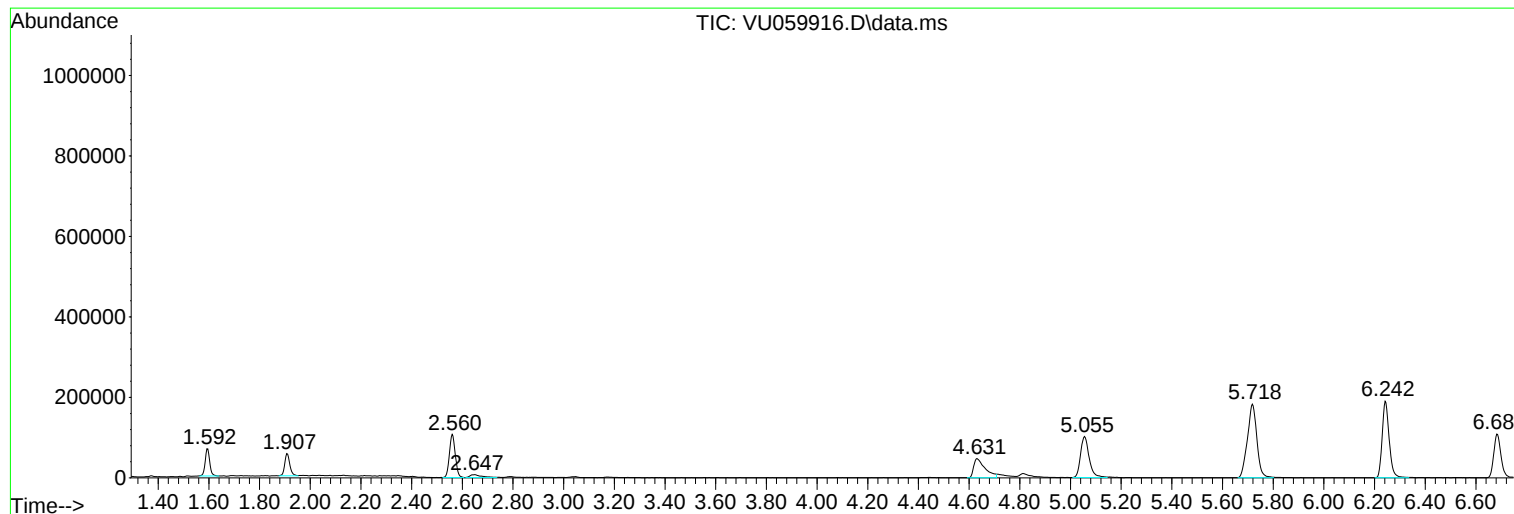
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Sample : P3230-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHB61

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071224\  
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Operator : MD/SY  
Sample : P3230-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHB61

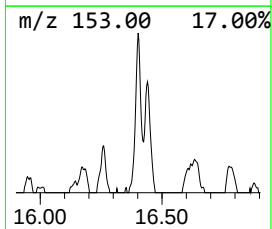
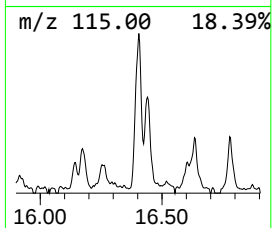
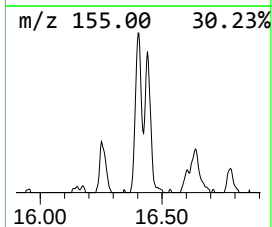
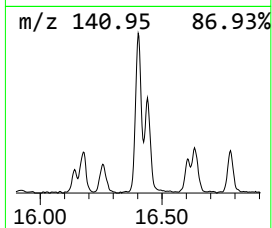
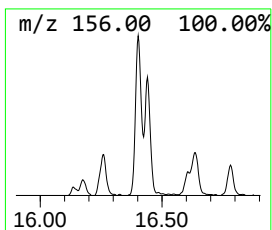
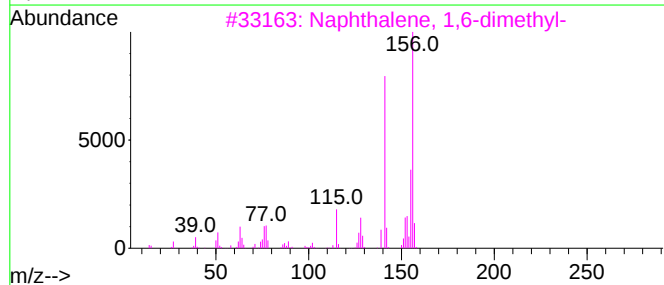
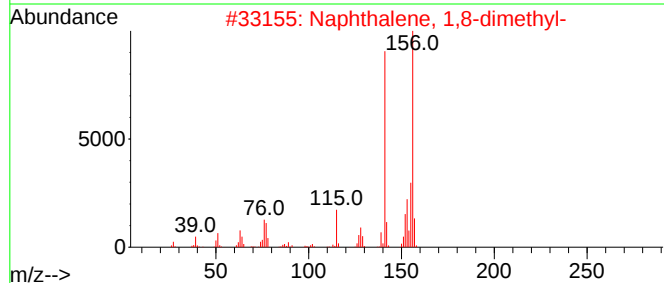
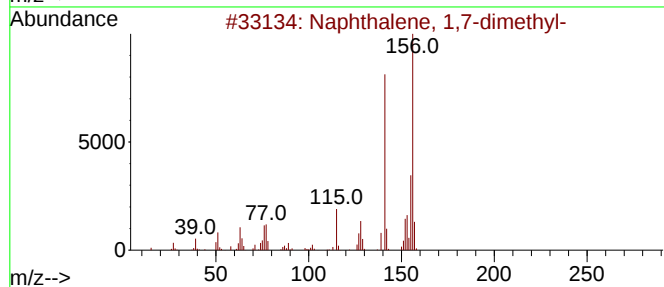
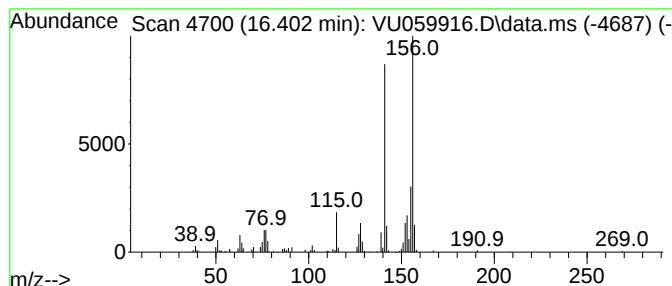
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.402 | 1.89 ug/L | 169777 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 98   |
| 2    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 98   |
| 3    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 4    |    |   | Naphthalene, 2,3-dimethyl- | 156 | C12H12  | 000581-40-8 | 97   |
| 5    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |



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Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHB61

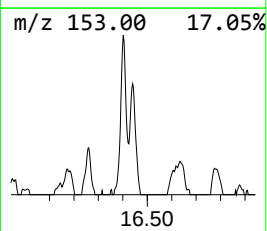
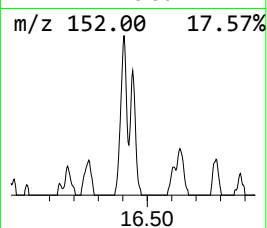
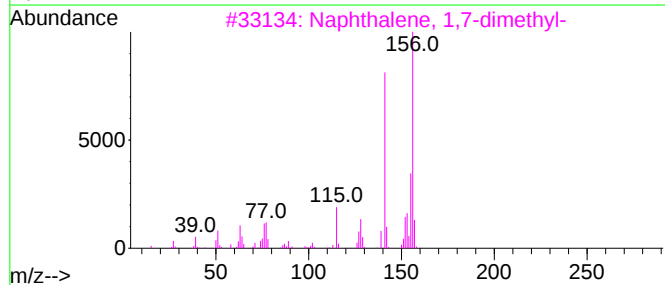
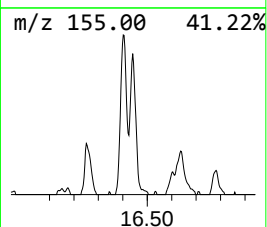
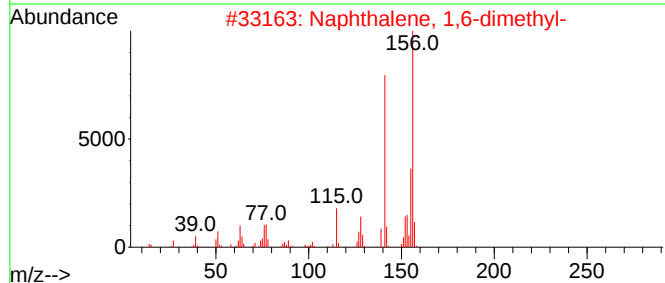
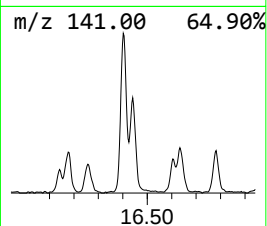
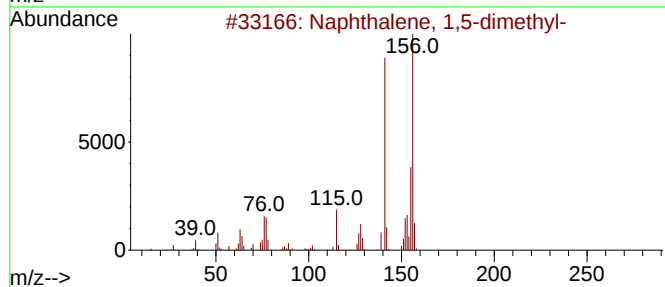
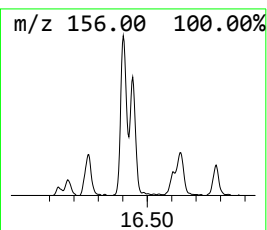
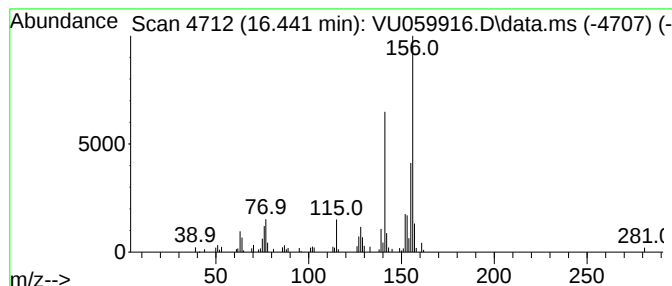
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 16.441 | 1.20 ug/L | 107779 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 98   |
| 2    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 98   |
| 3    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 4    |    |   | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 96   |
| 5    |    |   | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |



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Sample : P3230-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHB61

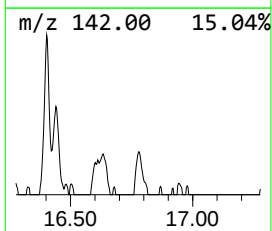
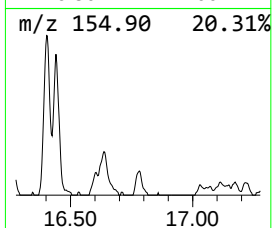
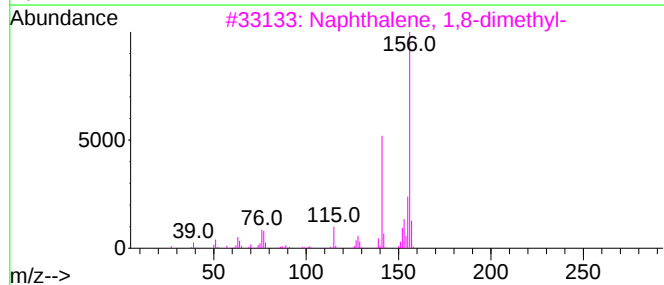
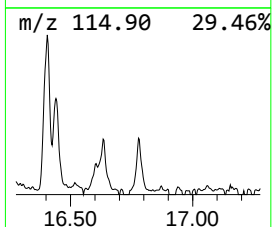
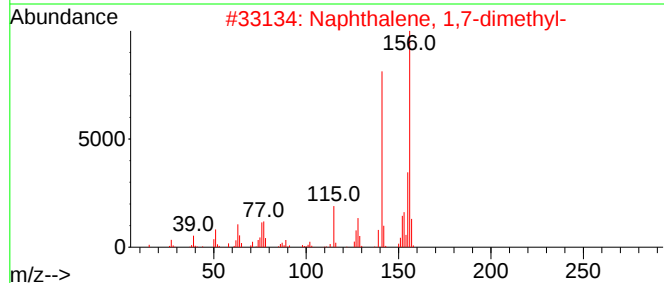
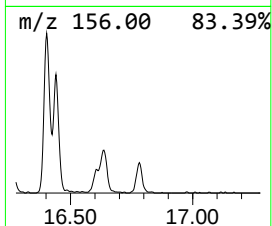
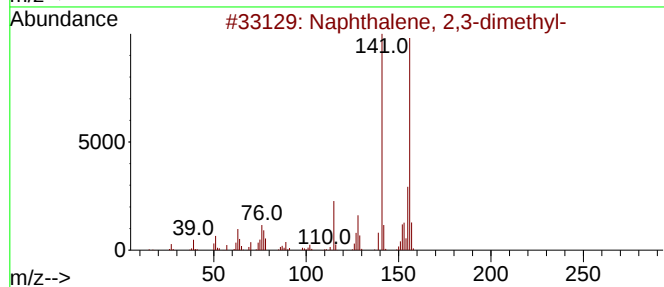
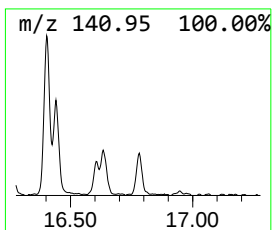
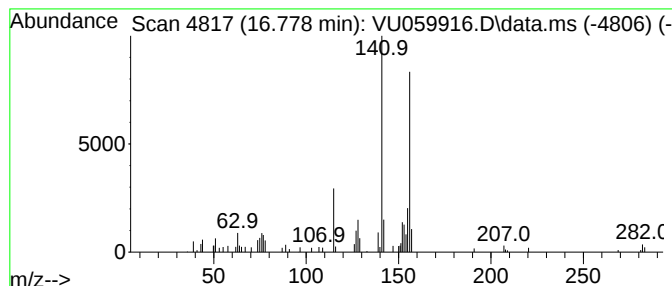
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.778 | 0.52 ug/L | 46431 | 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 | 96   |
| 2    |    |   | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 95   |
| 3    |    |   | Naphthalene, 1,8-dimethyl- | 156 | C12H12  | 000569-41-5 | 95   |
| 4    |    |   | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 95   |
| 5    |    |   | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 95   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.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 |
| Naphthalene, 1,... | 16.402 | 1.9     | ug/L  | 169777   | 3                     | 11.807 | 448544 | 5.0  |
| Naphthalene, 1,... | 16.441 | 1.2     | ug/L  | 107779   | 3                     | 11.807 | 448544 | 5.0  |
| Naphthalene, 2,... | 16.778 | 0.5     | ug/L  | 46431    | 3                     | 11.807 | 448544 | 5.0  |