

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061822\  
 Data File : VV026420.D  
 Acq On : 18 Jun 2022 13:11  
 Operator : SY/MD  
 Sample : N3298-03  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026420.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         | 1.272       | 54            | 72          | 75           | rBV4     | 11393          | 26089         | 3.72%           | 0.494%        |
| 2         | 1.323       | 81            | 88          | 105          | rVB      | 124417         | 132314        | 18.86%          | 2.504%        |
| 3         | 1.584       | 161           | 169         | 183          | rBV      | 105776         | 131094        | 18.69%          | 2.481%        |
| 4         | 2.124       | 327           | 337         | 353          | rVB      | 217355         | 319442        | 45.54%          | 6.044%        |
| 5         | 3.928       | 888           | 898         | 935          | rBV      | 35229          | 144709        | 20.63%          | 2.738%        |
| 6         | 4.365       | 1014          | 1034        | 1060         | rBV2     | 125959         | 316904        | 45.18%          | 5.996%        |
| 7         | 5.059       | 1234          | 1250        | 1282         | rBV2     | 284798         | 701464        | 100.00%         | 13.273%       |
| 8         | 5.625       | 1414          | 1426        | 1452         | rBV      | 216229         | 442282        | 63.05%          | 8.369%        |
| 9         | 6.075       | 1554          | 1566        | 1589         | rBV      | 158800         | 324211        | 46.22%          | 6.135%        |
| 10        | 6.992       | 1841          | 1851        | 1878         | rBV      | 51564          | 100466        | 14.32%          | 1.901%        |
| 11        | 7.320       | 1942          | 1953        | 1972         | rBV      | 335804         | 589484        | 84.04%          | 11.154%       |
| 12        | 7.628       | 2038          | 2049        | 2072         | rBV2     | 26875          | 50382         | 7.18%           | 0.953%        |
| 13        | 8.095       | 2184          | 2194        | 2228         | rBV2     | 185460         | 391913        | 55.87%          | 7.416%        |
| 14        | 8.854       | 2416          | 2430        | 2456         | rBV      | 323565         | 529601        | 75.50%          | 10.021%       |
| 15        | 10.217      | 2842          | 2854        | 2867         | rBV      | 95537          | 151927        | 21.66%          | 2.875%        |
| 16        | 11.249      | 3163          | 3175        | 3197         | rBV      | 279764         | 438080        | 62.45%          | 8.289%        |
| 17        | 11.622      | 3280          | 3291        | 3305         | rBV      | 266083         | 415924        | 59.29%          | 7.870%        |
| 18        | 16.480      | 4793          | 4802        | 4817         | rBV      | 41331          | 65196         | 9.29%           | 1.234%        |
| 19        | 17.390      | 5077          | 5085        | 5094         | rBV5     | 9008           | 13401         | 1.91%           | 0.254%        |

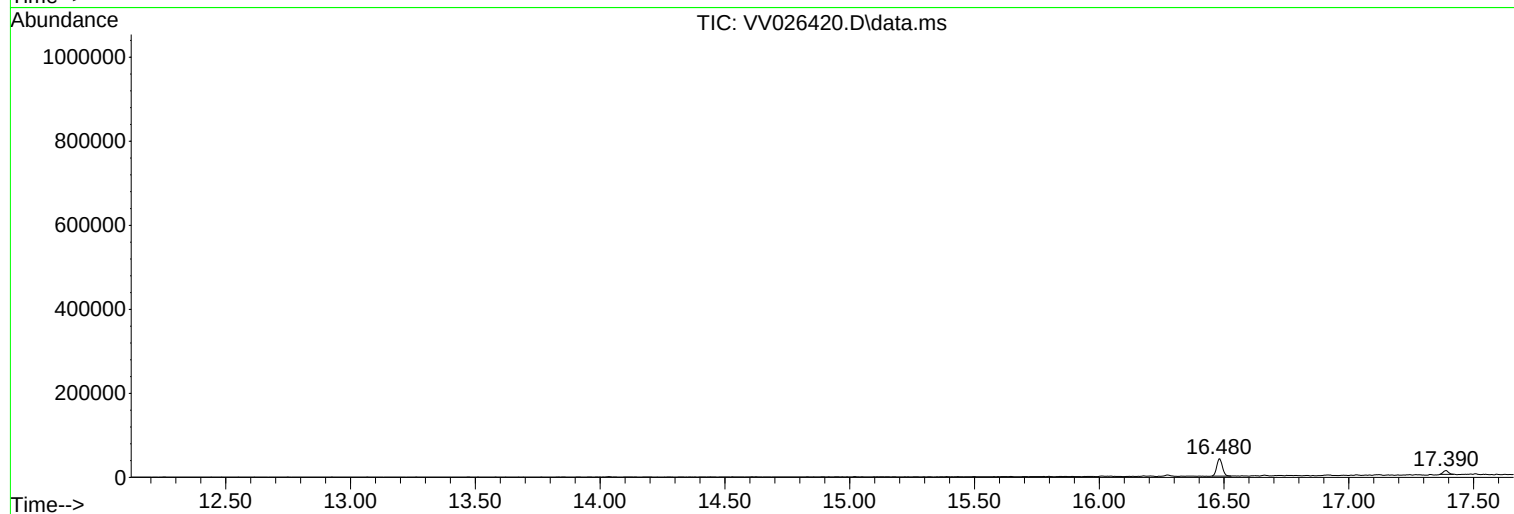
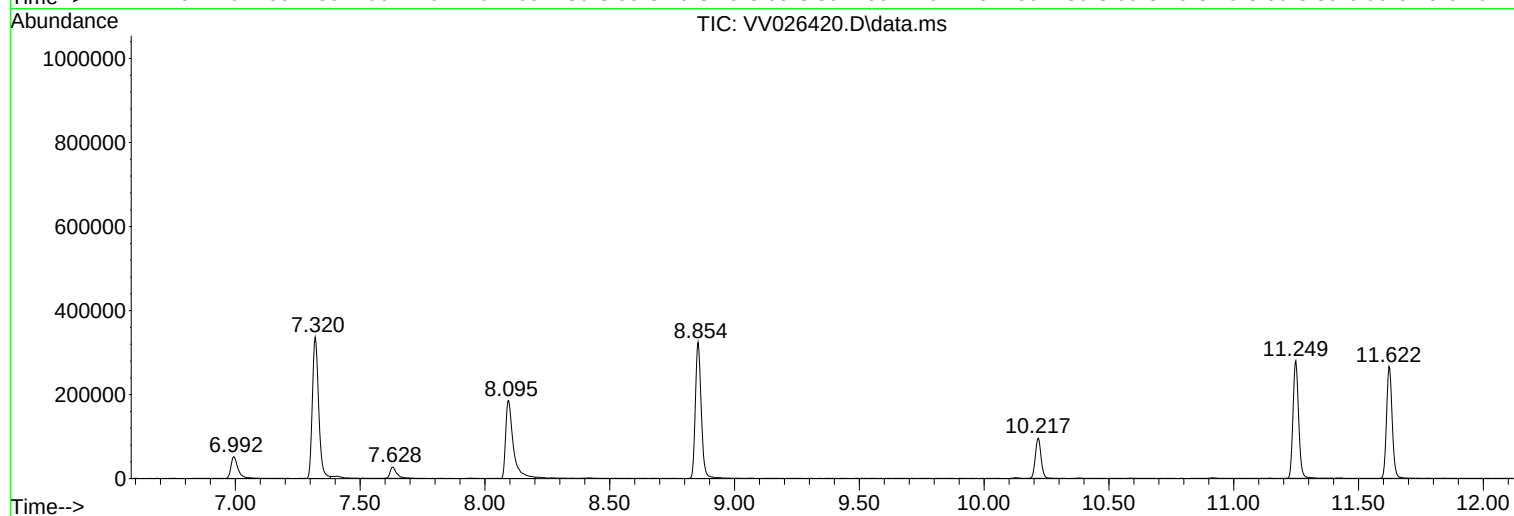
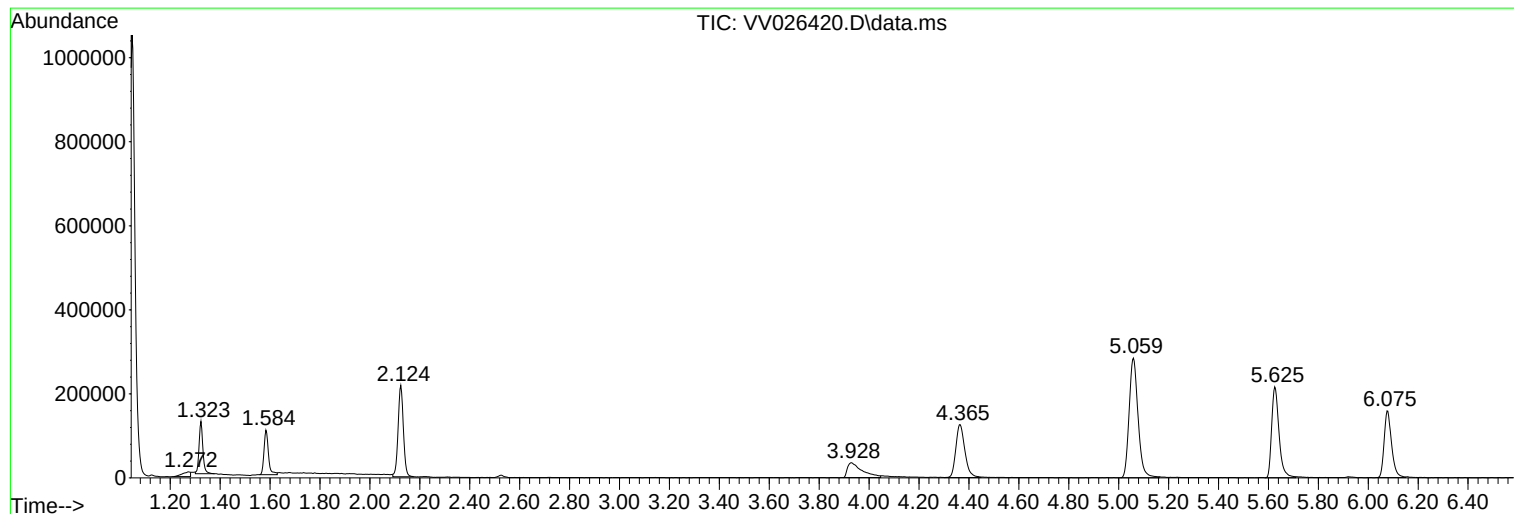
Sum of corrected areas: 5284883

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VHBLK001

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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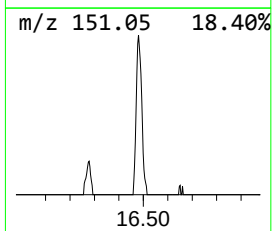
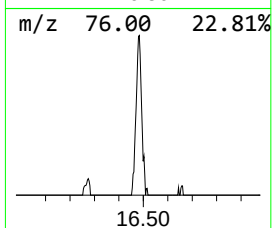
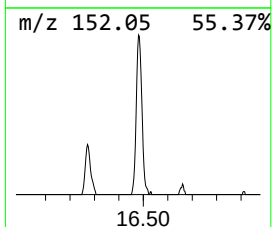
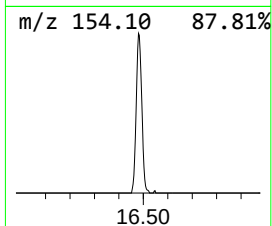
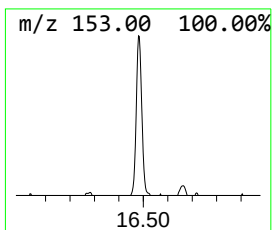
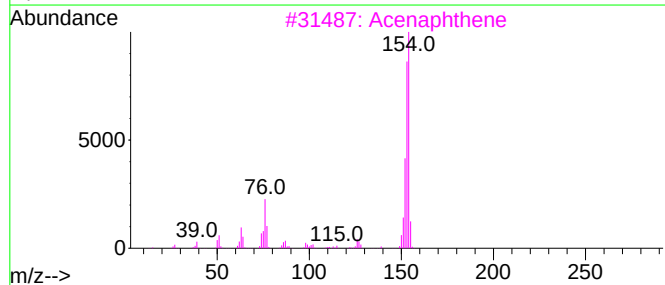
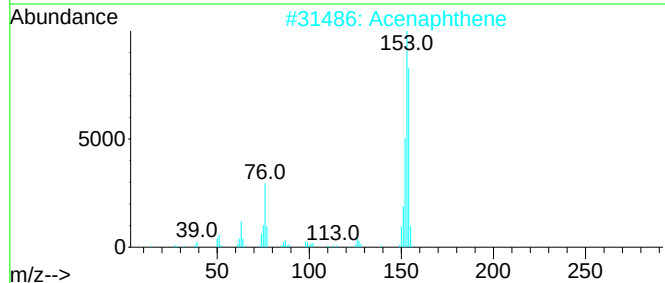
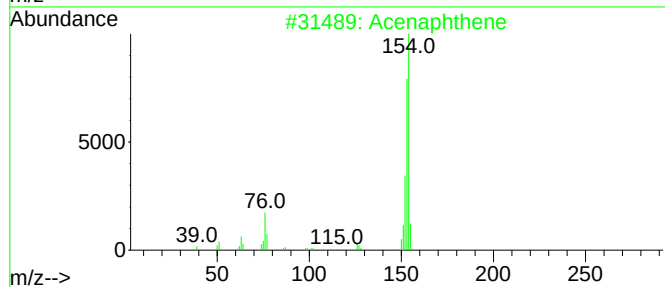
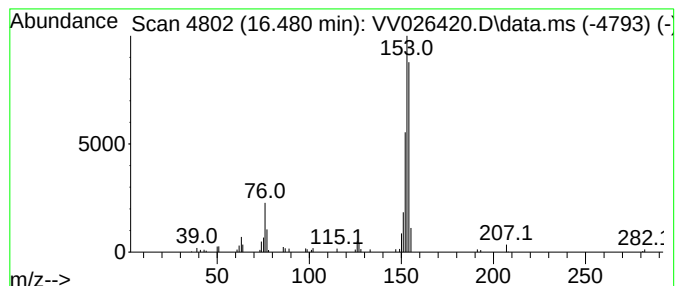
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.480 | 0.74 ug/L | 65196 | 1,4-Dichlorobenzene-d4 | 11.249 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Acenaphthene              | 154 | C12H10  | 000083-32-9 | 94   |
| 2    |    |   | Acenaphthene              | 154 | C12H10  | 000083-32-9 | 76   |
| 3    |    |   | Acenaphthene              | 154 | C12H10  | 000083-32-9 | 74   |
| 4    |    |   | Hexa-2,4-diyn-1-ylbenzene | 154 | C12H10  | 000520-74-1 | 64   |
| 5    |    |   | Acenaphthene              | 154 | C12H10  | 000083-32-9 | 64   |



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| TIC Top Hit name    | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|---------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                     |        |         |       |          | #                     | RT     | Resp   | Conc |
| Hexa-2,4-diyne-1... | 16.480 | 0.7     | ug/L  | 65196    | 3                     | 11.249 | 438080 | 5.0  |