

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100124\  
 Data File : VU061059.D  
 Acq On : 01 Oct 2024 21:29  
 Operator : MD/SY  
 Sample : P4227-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PMW-10(20240927)

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\SFAMUTR100124WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU061059.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         | 1.595       | 88            | 95          | 106          | rVB      | 81105          | 93093         | 14.05%          | 1.627%        |
| 2         | 1.910       | 185           | 193         | 206          | rBV      | 59841          | 78553         | 11.85%          | 1.373%        |
| 3         | 2.563       | 385           | 396         | 412          | rVB2     | 123926         | 207394        | 31.29%          | 3.624%        |
| 4         | 2.644       | 413           | 421         | 438          | rVB2     | 5825           | 11673         | 1.76%           | 0.204%        |
| 5         | 3.859       | 781           | 799         | 823          | rBV      | 105512         | 261585        | 39.47%          | 4.571%        |
| 6         | 3.988       | 823           | 839         | 856          | rVB2     | 17235          | 45898         | 6.92%           | 0.802%        |
| 7         | 4.634       | 1027          | 1040        | 1074         | rBV      | 83840          | 246909        | 37.25%          | 4.315%        |
| 8         | 5.055       | 1156          | 1171        | 1196         | rBV      | 107950         | 253114        | 38.19%          | 4.423%        |
| 9         | 5.717       | 1354          | 1377        | 1411         | rBV2     | 219312         | 592594        | 89.41%          | 10.356%       |
| 10        | 6.241       | 1528          | 1540        | 1559         | rBV      | 208426         | 411605        | 62.10%          | 7.193%        |
| 11        | 6.541       | 1625          | 1633        | 1645         | rVB8     | 6277           | 12114         | 1.83%           | 0.212%        |
| 12        | 6.682       | 1664          | 1677        | 1695         | rBV      | 138371         | 275637        | 41.59%          | 4.817%        |
| 13        | 7.029       | 1771          | 1785        | 1786         | rBV2     | 8045           | 11928         | 1.80%           | 0.208%        |
| 14        | 7.560       | 1935          | 1950        | 1968         | rBV      | 73345          | 140803        | 21.24%          | 2.461%        |
| 15        | 7.891       | 2041          | 2053        | 2089         | rBV      | 267924         | 500455        | 75.51%          | 8.745%        |
| 16        | 8.177       | 2130          | 2142        | 2162         | rBV      | 43834          | 82348         | 12.42%          | 1.439%        |
| 17        | 8.627       | 2270          | 2282        | 2321         | rBV      | 310980         | 662789        | 100.00%         | 11.582%       |
| 18        | 9.412       | 2513          | 2526        | 2552         | rBV      | 291438         | 536164        | 80.90%          | 9.369%        |
| 19        | 9.695       | 2601          | 2614        | 2624         | rBV3     | 4417           | 8156          | 1.23%           | 0.143%        |
| 20        | 10.749      | 2926          | 2942        | 2963         | rBV      | 94732          | 160675        | 24.24%          | 2.808%        |
| 21        | 11.743      | 3244          | 3251        | 3259         | rBV2     | 8787           | 13243         | 2.00%           | 0.231%        |
| 22        | 11.807      | 3259          | 3271        | 3296         | rVV      | 288109         | 522389        | 78.82%          | 9.129%        |
| 23        | 12.187      | 3377          | 3389        | 3409         | rBV      | 236867         | 417070        | 62.93%          | 7.288%        |
| 24        | 13.836      | 3889          | 3902        | 3923         | rBV      | 86886          | 158734        | 23.95%          | 2.774%        |
| 25        | 14.331      | 4044          | 4056        | 4066         | rBV4     | 9663           | 17524         | 2.64%           | 0.306%        |

Sum of corrected areas: 5722447

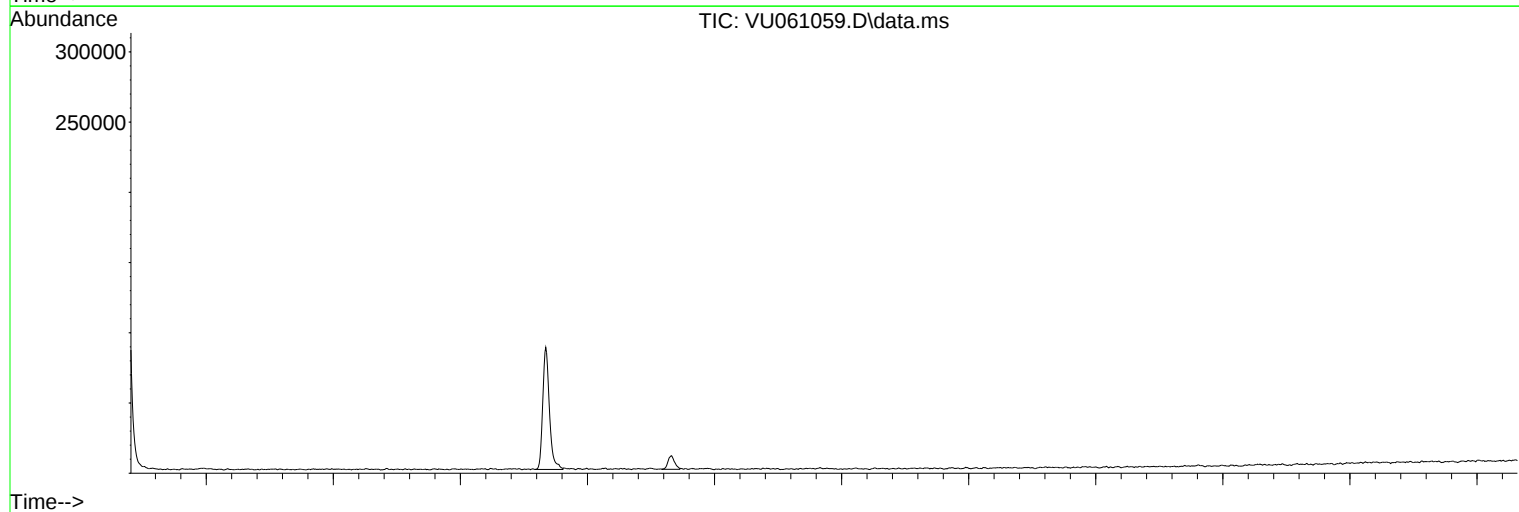
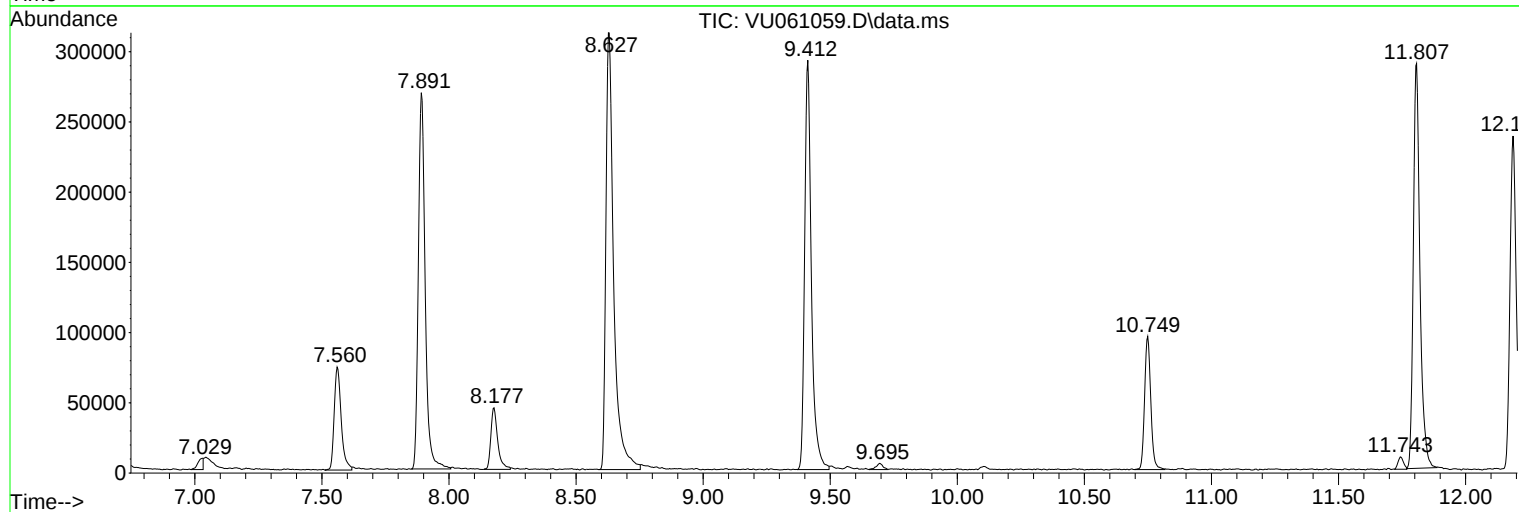
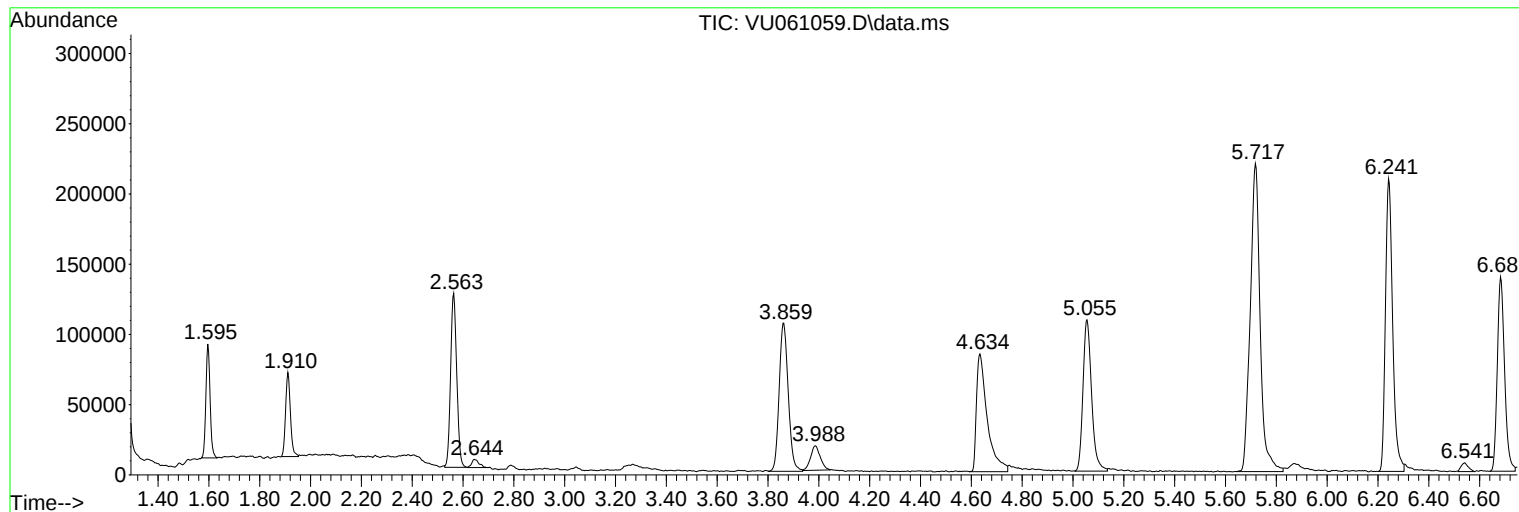
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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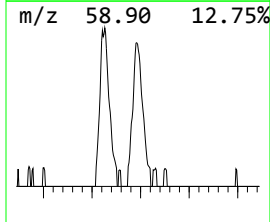
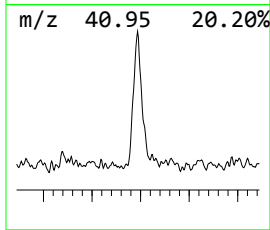
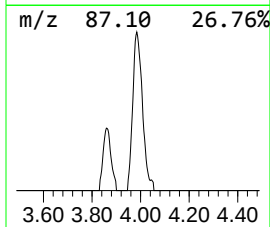
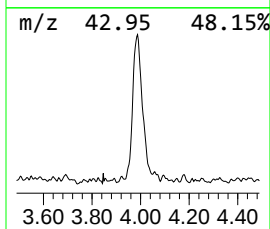
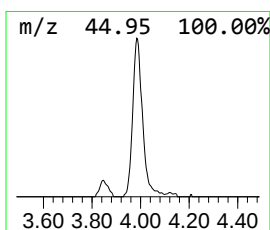
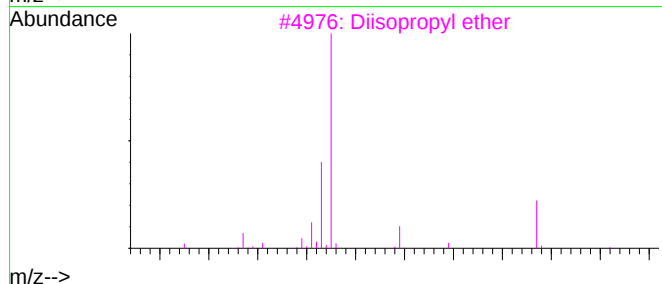
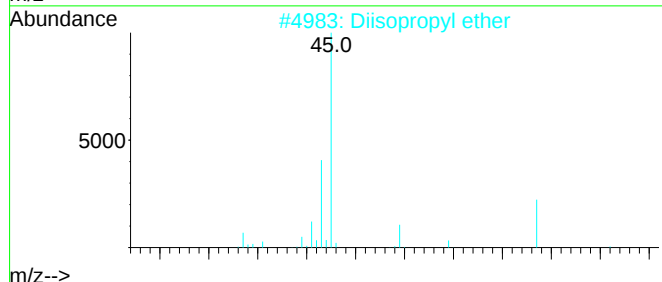
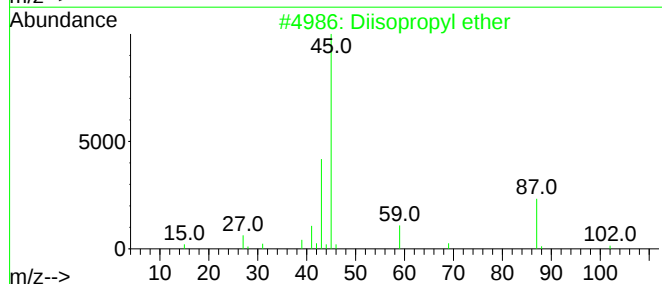
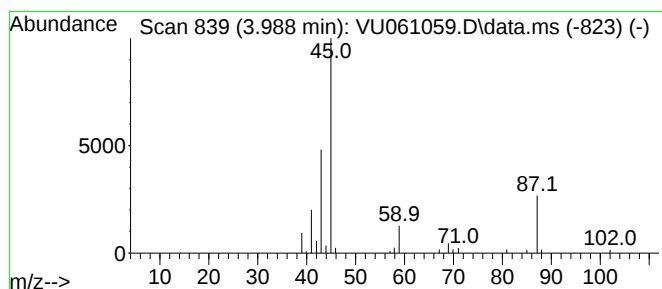
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Peak Number 1 Diisopropyl ether Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 3.988 | 0.56 ug/L | 45898 | 1,4-Difluorobenzene | 6.241 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------|-----|---------|-------------|------|
| 1         | Diisopropyl ether | 102 | C6H14O  | 000108-20-3 | 90   |
| 2         | Diisopropyl ether | 102 | C6H14O  | 000108-20-3 | 83   |
| 3         | Diisopropyl ether | 102 | C6H14O  | 000108-20-3 | 83   |
| 4         | Diisopropyl ether | 102 | C6H14O  | 000108-20-3 | 80   |
| 5         | Diisopropyl ether | 102 | C6H14O  | 000108-20-3 | 72   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name  | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                   |       |         |       |          | #                     | RT    | Resp   | Conc |
| Diisopropyl ether | 3.988 | 0.6     | ug/L  | 45898    | 1                     | 6.241 | 411605 | 5.0  |