

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111524\  
 Data File : VU061716.D  
 Acq On : 15 Nov 2024 13:20  
 Operator : MD/SY  
 Sample : P4800-08  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCPA9

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\SFAMUTR111324WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU061716.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       | 86            | 95          | 110          | rBV      | 61324          | 71163         | 4.18%           | 1.104%        |
| 2         | 1.907       | 171           | 192         | 212          | rBV      | 68106          | 99423         | 5.84%           | 1.542%        |
| 3         | 2.560       | 383           | 395         | 412          | rBV      | 108704         | 179251        | 10.53%          | 2.780%        |
| 4         | 4.624       | 1026          | 1037        | 1073         | rBV      | 64172          | 191885        | 11.27%          | 2.976%        |
| 5         | 5.052       | 1156          | 1170        | 1194         | rBV      | 95339          | 218554        | 12.84%          | 3.390%        |
| 6         | 5.717       | 1357          | 1377        | 1412         | rBV2     | 197626         | 522728        | 30.70%          | 8.107%        |
| 7         | 6.242       | 1528          | 1540        | 1573         | rBV      | 211100         | 417536        | 24.52%          | 6.476%        |
| 8         | 6.534       | 1620          | 1631        | 1653         | rBV      | 77102          | 149606        | 8.79%           | 2.320%        |
| 9         | 6.682       | 1664          | 1677        | 1706         | rVB      | 121014         | 242296        | 14.23%          | 3.758%        |
| 10        | 7.560       | 1937          | 1950        | 1969         | rBV      | 54390          | 100848        | 5.92%           | 1.564%        |
| 11        | 7.891       | 2040          | 2053        | 2073         | rBV      | 247053         | 444964        | 26.13%          | 6.901%        |
| 12        | 8.174       | 2132          | 2141        | 2163         | rBV      | 29760          | 53924         | 3.17%           | 0.836%        |
| 13        | 8.544       | 2242          | 2256        | 2273         | rBV      | 993517         | 1702750       | 100.00%         | 26.409%       |
| 14        | 8.630       | 2273          | 2283        | 2319         | rVB2     | 225237         | 480455        | 28.22%          | 7.452%        |
| 15        | 9.409       | 2508          | 2525        | 2554         | rBV      | 302017         | 528014        | 31.01%          | 8.189%        |
| 16        | 9.756       | 2624          | 2633        | 2674         | rBV2     | 25129          | 86664         | 5.09%           | 1.344%        |
| 17        | 10.746      | 2928          | 2941        | 2956         | rBV      | 90245          | 148849        | 8.74%           | 2.309%        |
| 18        | 11.804      | 3259          | 3270        | 3290         | rBV      | 276161         | 453851        | 26.65%          | 7.039%        |
| 19        | 12.187      | 3374          | 3389        | 3408         | rBV      | 207718         | 354785        | 20.84%          | 5.503%        |

Sum of corrected areas: 6447546

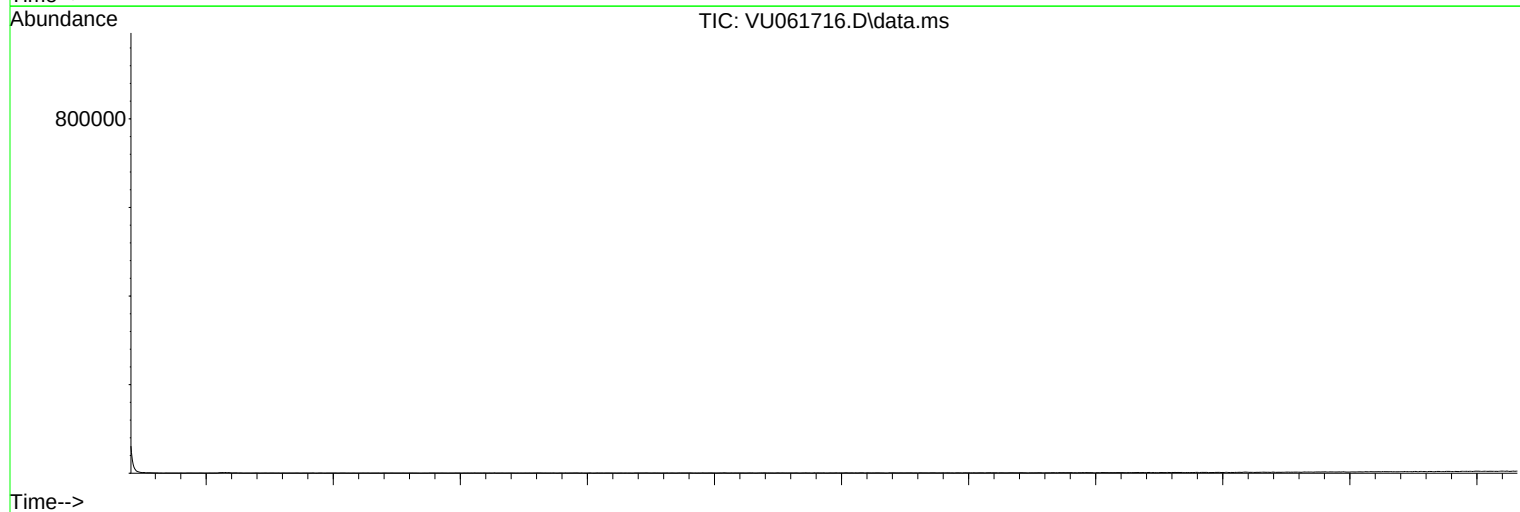
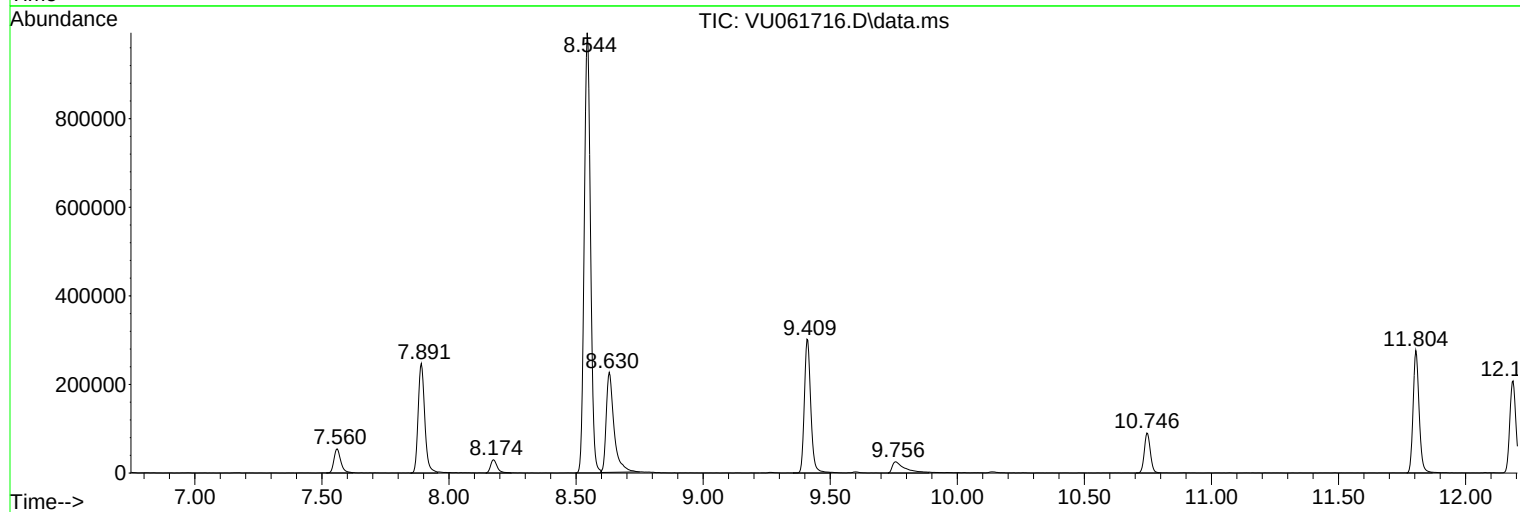
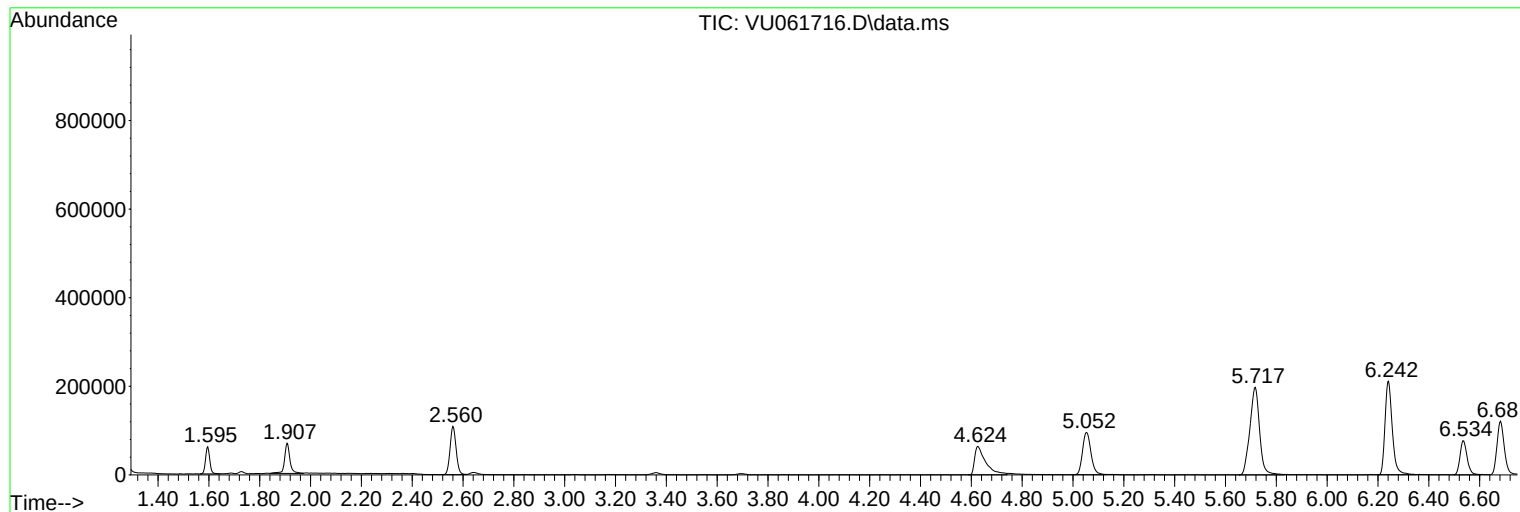
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MSVOA\_U  
ClientSampleId :  
GCPA9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111324WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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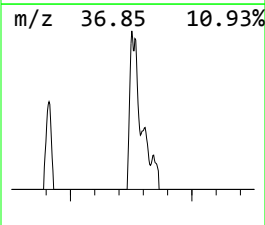
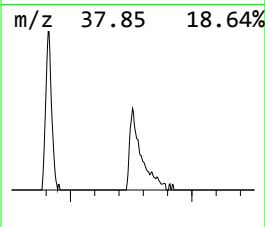
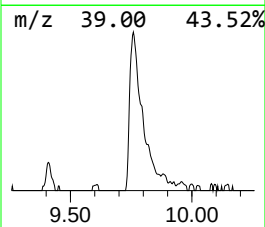
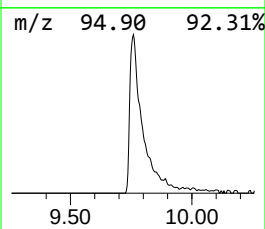
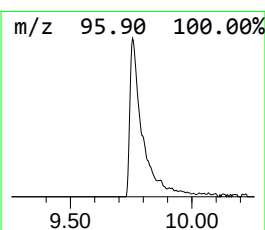
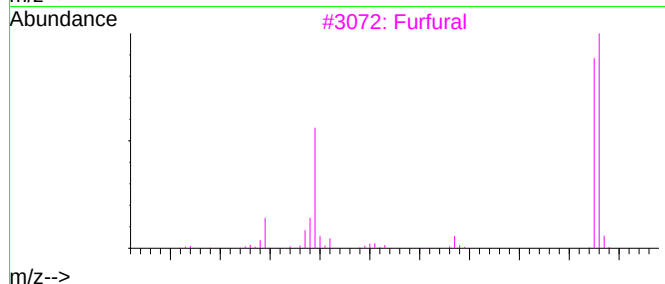
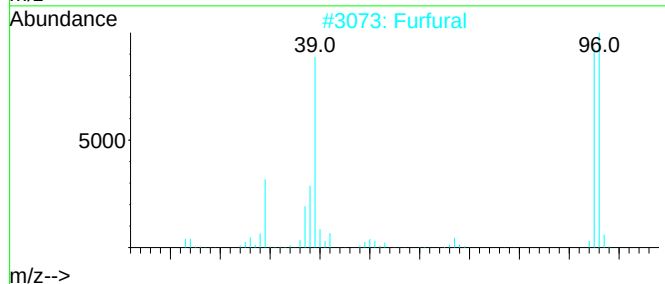
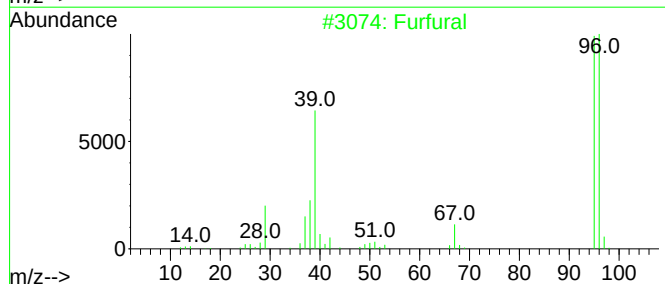
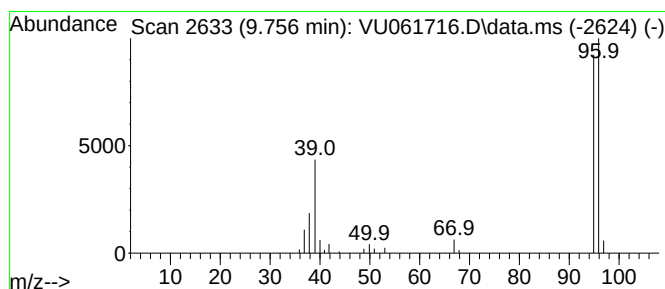
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Furfural Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 9.756 | 0.82 ug/L | 86664 | Chlorobenzene-d5 | 9.409 |

| Hit# of 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|-----------|-----------------------------|----|---------|-------------|------|
| 1         | Furfural                    | 96 | C5H4O2  | 000098-01-1 | 91   |
| 2         | Furfural                    | 96 | C5H4O2  | 000098-01-1 | 91   |
| 3         | Furfural                    | 96 | C5H4O2  | 000098-01-1 | 91   |
| 4         | 3-Furaldehyde               | 96 | C5H4O2  | 000498-60-2 | 91   |
| 5         | 1H-Imidazole, 1,4-dimethyl- | 96 | C5H8N2  | 006338-45-0 | 86   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Furfural         | 9.756 | 0.8     | ug/L  | 86664    | 2                     | 9.409 | 528014 | 5.0  |