

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111524\  
 Data File : VU061712.D  
 Acq On : 15 Nov 2024 11:42  
 Operator : MD/SY  
 Sample : P4800-04  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCPA5

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: VU061712.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         | 1.596       | 78            | 95          | 109          | rBV      | 71931          | 105419        | 13.58%          | 1.761%        |
| 2         | 1.911       | 184           | 193         | 211          | rVB      | 67210          | 93730         | 12.07%          | 1.566%        |
| 3         | 2.560       | 383           | 395         | 411          | rBV      | 115160         | 190861        | 24.58%          | 3.188%        |
| 4         | 2.641       | 413           | 420         | 437          | rVB      | 4514           | 10346         | 1.33%           | 0.173%        |
| 5         | 3.358       | 630           | 643         | 655          | rBV3     | 5343           | 12107         | 1.56%           | 0.202%        |
| 6         | 4.624       | 1026          | 1037        | 1085         | rBV      | 68067          | 202634        | 26.10%          | 3.384%        |
| 7         | 5.052       | 1155          | 1170        | 1191         | rBV      | 104565         | 233791        | 30.11%          | 3.905%        |
| 8         | 5.714       | 1358          | 1376        | 1403         | rBV2     | 215763         | 564815        | 72.75%          | 9.434%        |
| 9         | 6.239       | 1525          | 1539        | 1566         | rBV      | 221855         | 442604        | 57.01%          | 7.393%        |
| 10        | 6.534       | 1619          | 1631        | 1656         | rBV      | 134389         | 257759        | 33.20%          | 4.305%        |
| 11        | 6.682       | 1664          | 1677        | 1707         | rVB      | 130645         | 260868        | 33.60%          | 4.357%        |
| 12        | 7.560       | 1939          | 1950        | 1975         | rBV      | 58694          | 108923        | 14.03%          | 1.819%        |
| 13        | 7.891       | 2040          | 2053        | 2076         | rBV      | 266041         | 483993        | 62.34%          | 8.084%        |
| 14        | 8.174       | 2131          | 2141        | 2158         | rBV      | 33178          | 59895         | 7.71%           | 1.000%        |
| 15        | 8.544       | 2244          | 2256        | 2273         | rBV      | 458176         | 776399        | 100.00%         | 12.968%       |
| 16        | 8.631       | 2273          | 2283        | 2322         | rVB2     | 241763         | 508455        | 65.49%          | 8.492%        |
| 17        | 9.409       | 2513          | 2525        | 2547         | rBV      | 313302         | 553358        | 71.27%          | 9.242%        |
| 18        | 9.759       | 2624          | 2634        | 2664         | rBV2     | 22904          | 77246         | 9.95%           | 1.290%        |
| 19        | 10.746      | 2929          | 2941        | 2958         | rBV2     | 96914          | 160640        | 20.69%          | 2.683%        |
| 20        | 11.804      | 3258          | 3270        | 3290         | rBV      | 296149         | 492551        | 63.44%          | 8.227%        |
| 21        | 12.184      | 3377          | 3388        | 3414         | rBV      | 226653         | 390778        | 50.33%          | 6.527%        |

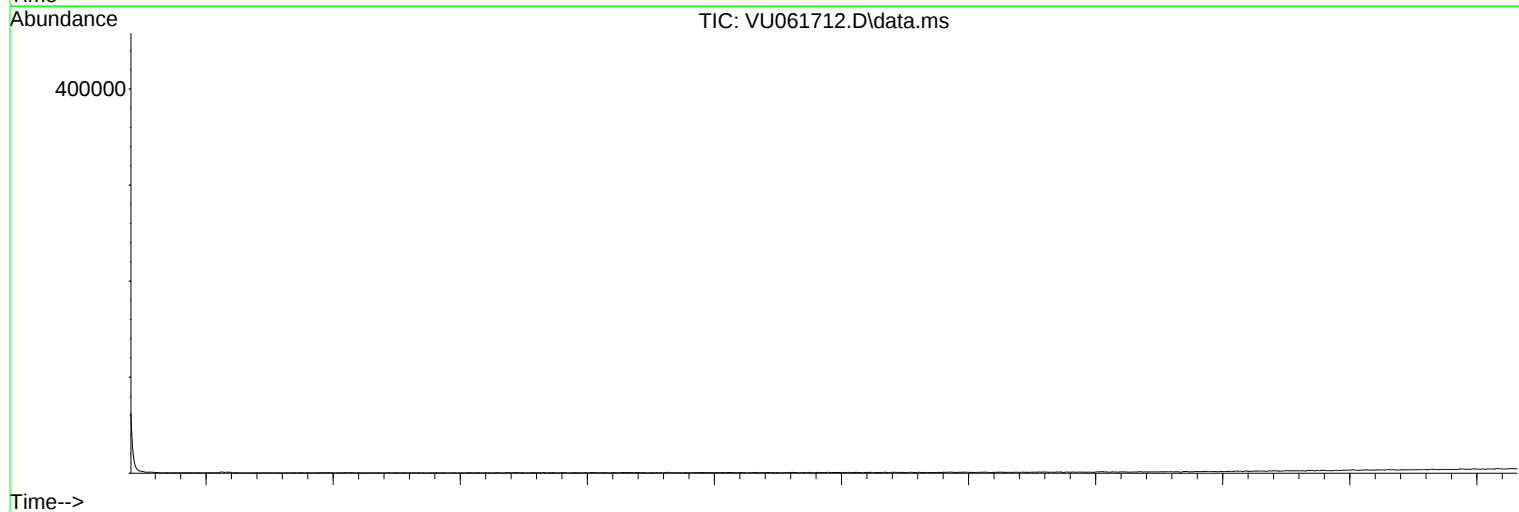
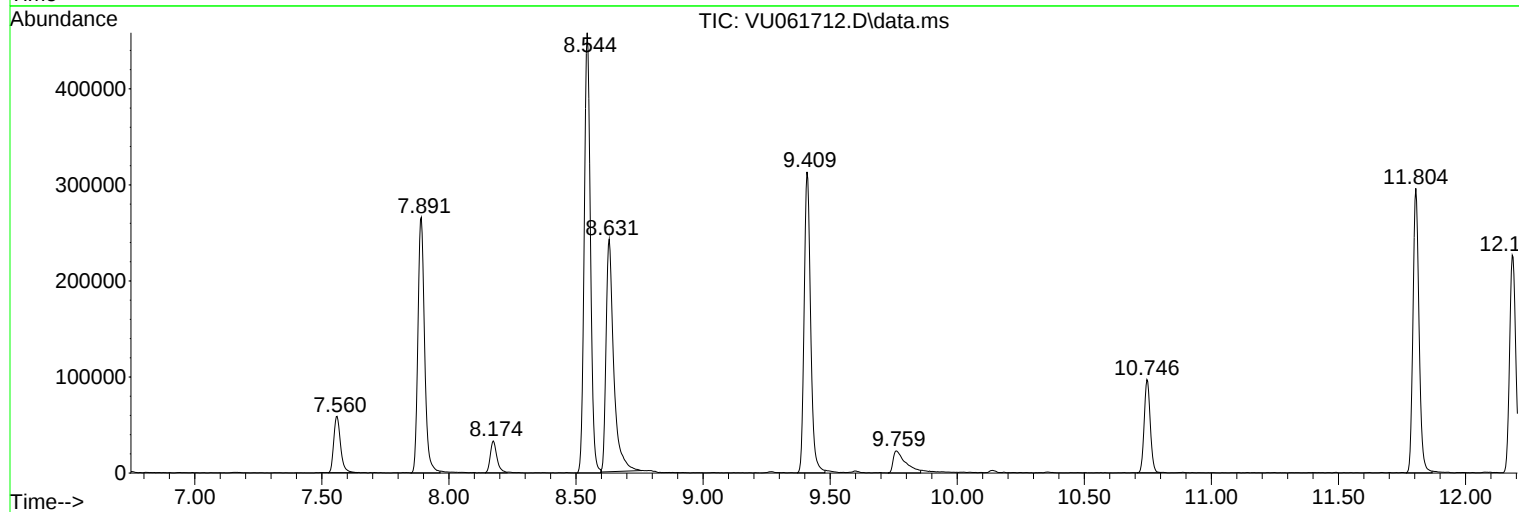
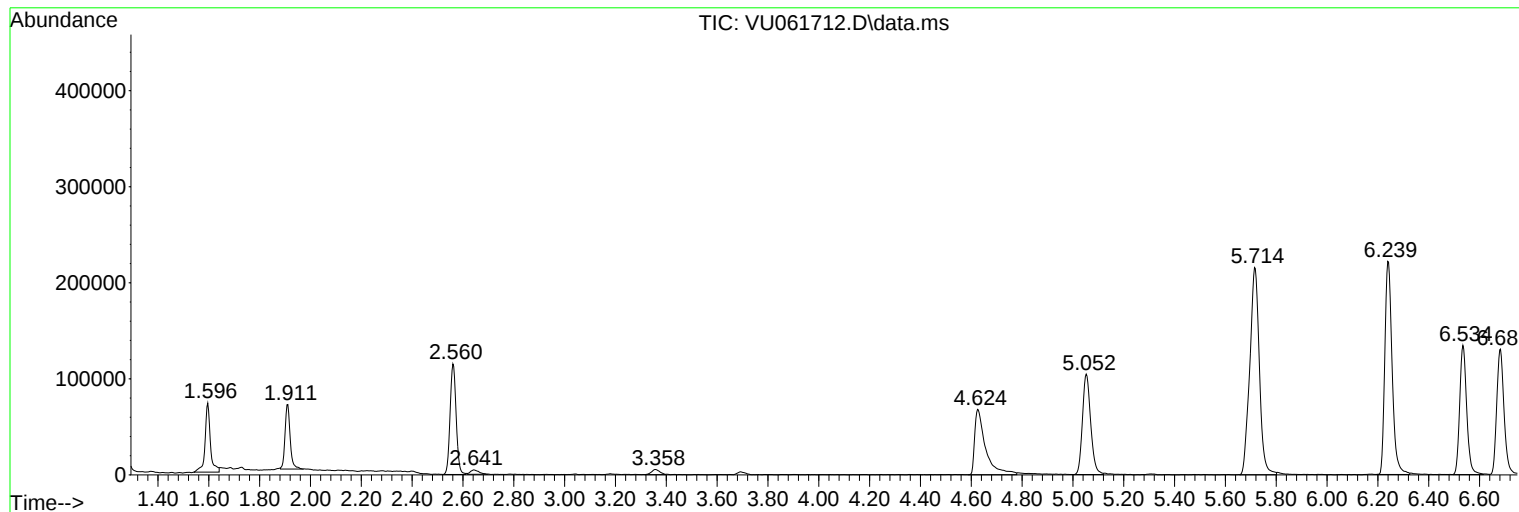
Sum of corrected areas: 5987172

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MSVOA\_U  
ClientSampleId :  
GCPA5

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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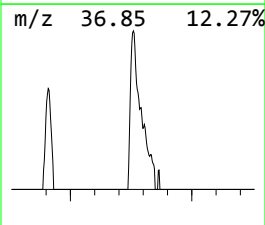
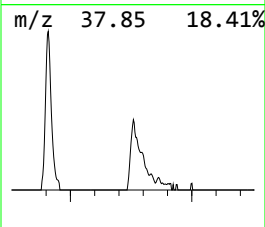
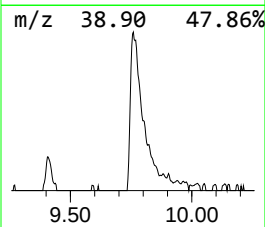
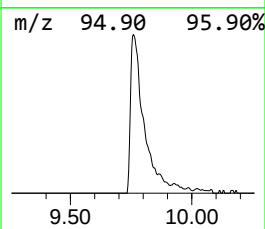
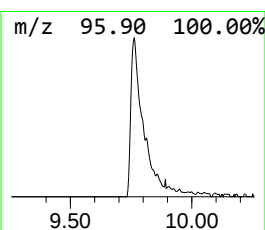
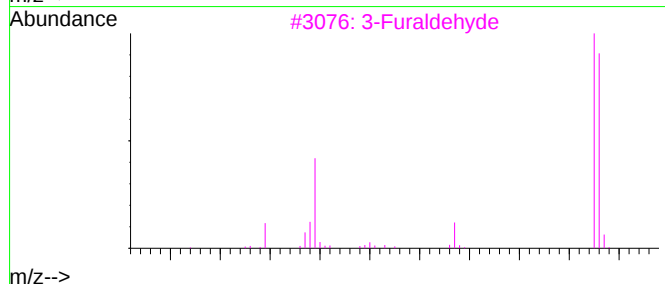
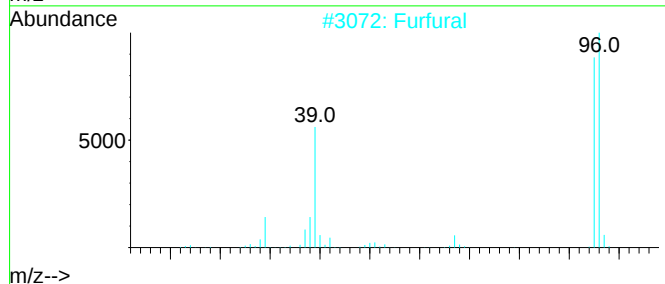
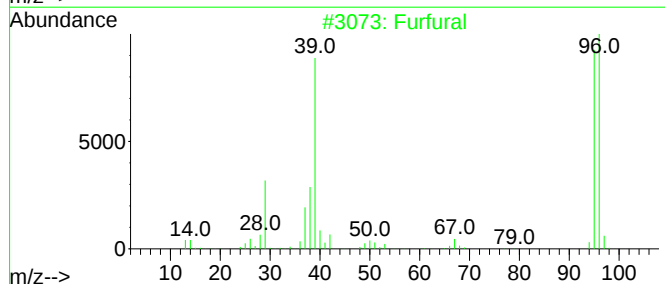
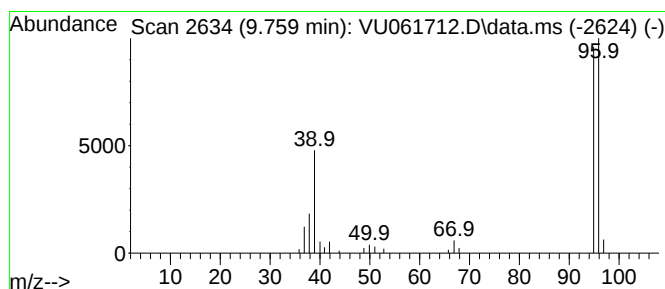
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Furfural Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 9.759 | 0.70 ug/L | 77246 | 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         | 3-Furaldehyde               | 96 | C5H4O2  | 000498-60-2 | 91   |
| 4         | 1H-Imidazole, 1,4-dimethyl- | 96 | C5H8N2  | 006338-45-0 | 86   |
| 5         | Furfural                    | 96 | C5H4O2  | 000098-01-1 | 81   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Furfural         | 9.759 | 0.7     | ug/L  | 77246    | 2                     | 9.409 | 553358 | 5.0  |