

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072822\  
 Data File : VU050000.D  
 Acq On : 28 Jul 2022 21:18  
 Operator : SY/MD  
 Sample : N3879-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBUF3

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\SFAMUTR072722WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU050000.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         | 1.597       | 71            | 80          | 91           | rBV      | 49781          | 57477         | 6.24%           | 1.572%        |
| 2         | 1.909       | 169           | 177         | 196          | rVB      | 38963          | 50848         | 5.52%           | 1.391%        |
| 3         | 2.562       | 364           | 380         | 398          | rBV      | 65504          | 106152        | 11.53%          | 2.903%        |
| 4         | 3.835       | 745           | 776         | 778          | rBV      | 5980           | 21996         | 2.39%           | 0.602%        |
| 5         | 4.665       | 1012          | 1034        | 1069         | rBV2     | 351857         | 920811        | 100.00%         | 25.186%       |
| 6         | 5.063       | 1135          | 1158        | 1176         | rBV2     | 68043          | 155958        | 16.94%          | 4.266%        |
| 7         | 5.726       | 1344          | 1364        | 1390         | rBV2     | 132809         | 343475        | 37.30%          | 9.395%        |
| 8         | 6.250       | 1513          | 1527        | 1548         | rBV      | 104721         | 199020        | 21.61%          | 5.444%        |
| 9         | 6.543       | 1605          | 1618        | 1639         | rBV      | 53886          | 100704        | 10.94%          | 2.754%        |
| 10        | 6.690       | 1652          | 1664        | 1686         | rBV      | 84304          | 164414        | 17.86%          | 4.497%        |
| 11        | 7.568       | 1925          | 1937        | 1958         | rBV      | 37606          | 66581         | 7.23%           | 1.821%        |
| 12        | 7.899       | 2025          | 2040        | 2058         | rBV      | 144632         | 254520        | 27.64%          | 6.962%        |
| 13        | 8.182       | 2117          | 2128        | 2142         | rBV      | 23210          | 38805         | 4.21%           | 1.061%        |
| 14        | 8.639       | 2257          | 2270        | 2307         | rBV4     | 167677         | 405856        | 44.08%          | 11.101%       |
| 15        | 9.417       | 2500          | 2512        | 2532         | rBV      | 148117         | 252179        | 27.39%          | 6.898%        |
| 16        | 10.758      | 2918          | 2929        | 2945         | rVB      | 73519          | 116236        | 12.62%          | 3.179%        |
| 17        | 11.812      | 3246          | 3257        | 3274         | rBV      | 123121         | 197196        | 21.42%          | 5.394%        |
| 18        | 12.195      | 3363          | 3376        | 3391         | rBV      | 124555         | 203789        | 22.13%          | 5.574%        |

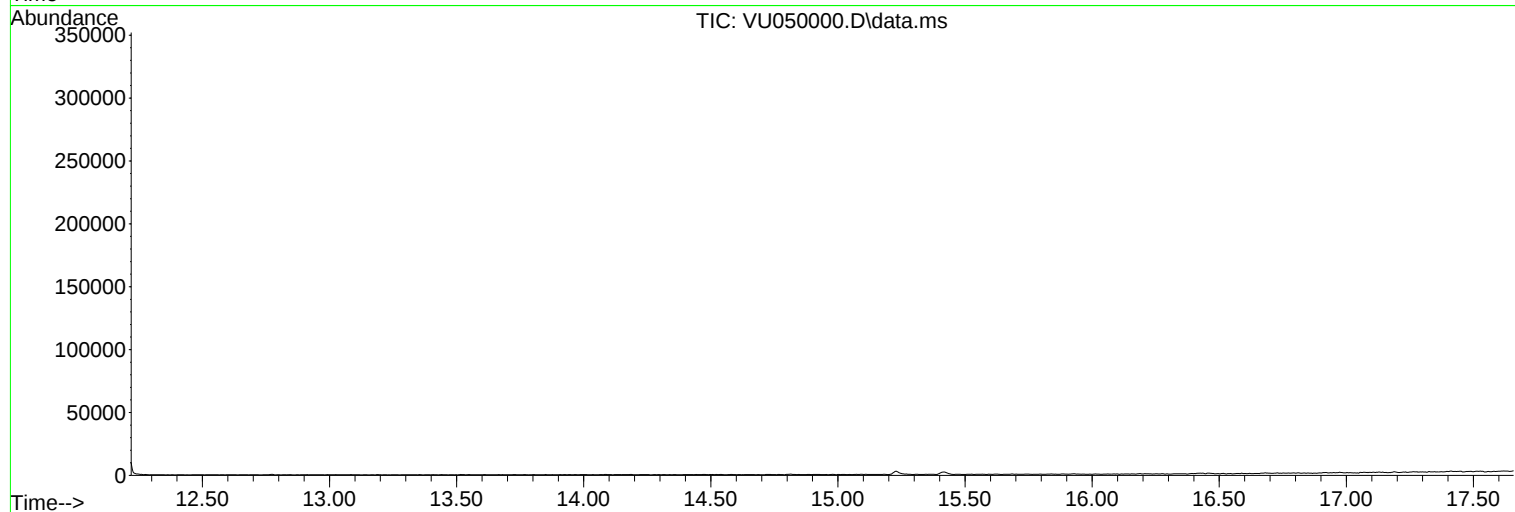
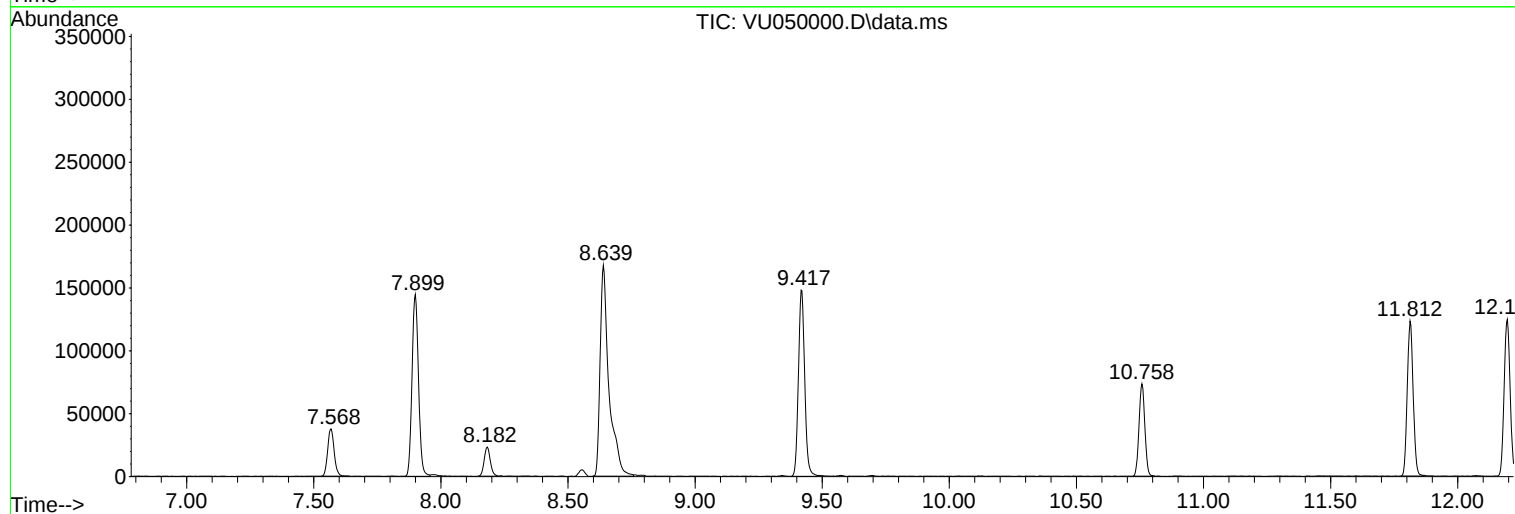
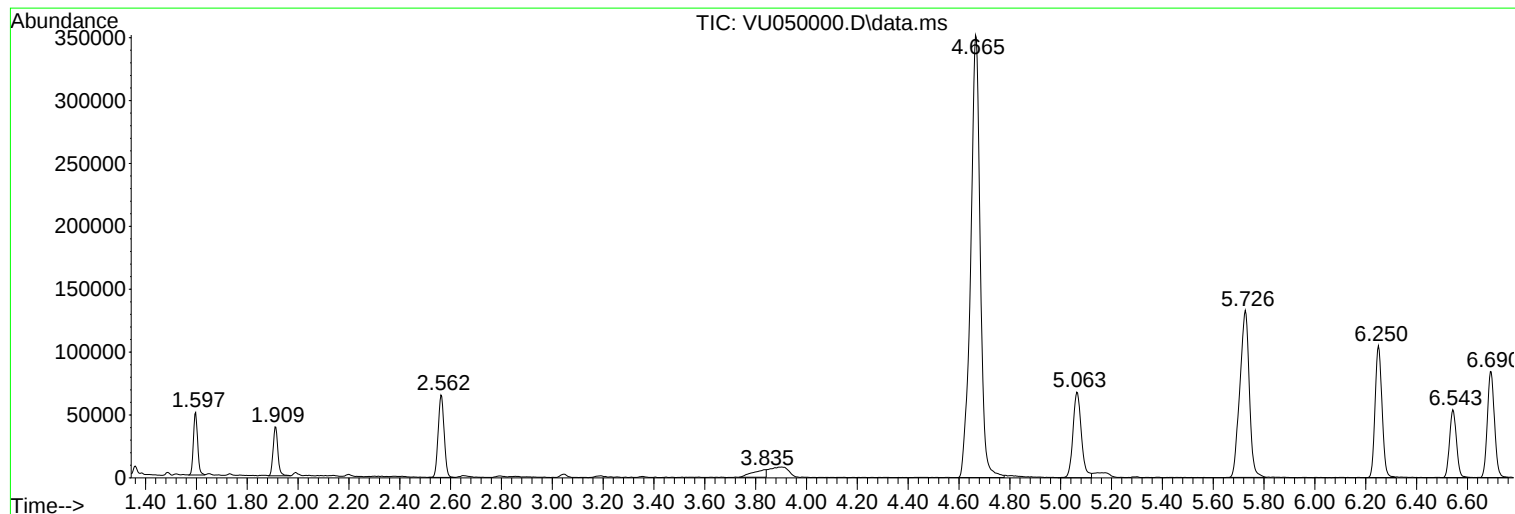
Sum of corrected areas: 3656017

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072822\  
Data File : VU050000.D  
Acq On : 28 Jul 2022 21:18  
Operator : SY/MD  
Sample : N3879-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBUF3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.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\VU072822\  
Data File : VU050000.D  
Acq On : 28 Jul 2022 21:18  
Operator : SY/MD  
Sample : N3879-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBUF3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.M  
Quant Title : TRACE VOA SFAM1.0

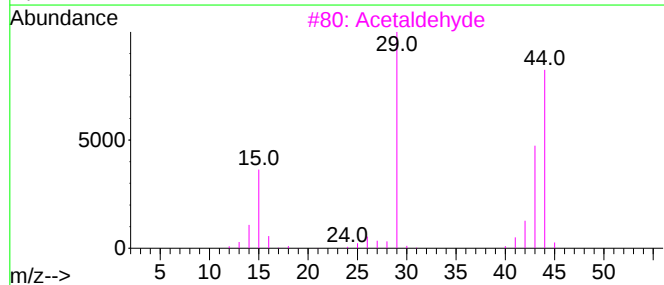
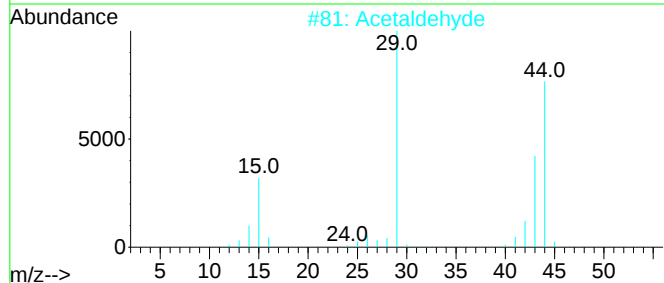
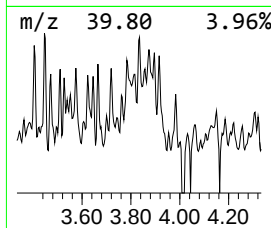
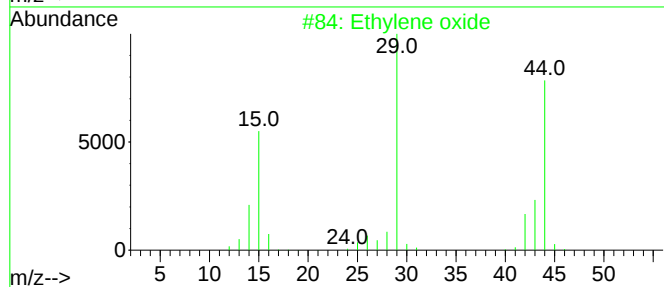
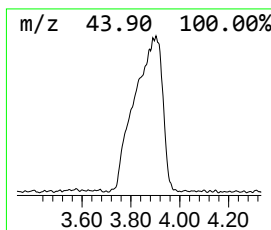
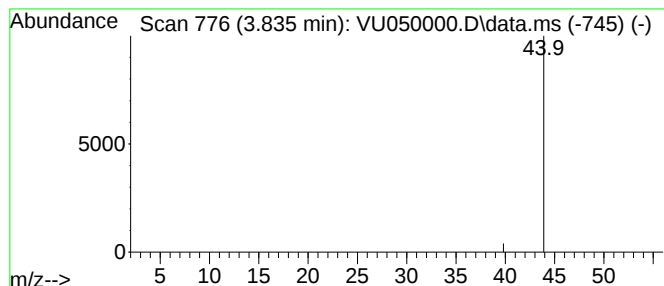
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 unknown-01 Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 3.835 | 0.55 ug/L | 21996 | 1,4-Difluorobenzene | 6.250 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethylene oxide  | 44 | C2H4O   | 000075-21-8 | 2    |
| 2    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 3    |    |   | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 2    |
| 4    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |
| 5    |    |   | Acetonitrile-d3 | 44 | C2D3N   | 002206-26-0 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU072822\  
Data File : VU050000.D  
Acq On : 28 Jul 2022 21:18  
Operator : SY/MD  
Sample : N3879-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
DBUF3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.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 |
| unknown-01       | 3.835 | 0.6     | ug/L  | 21996    | 1                     | 6.250 | 199020 | 5.0  |