

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
Data File : VU045913.D  
Acq On : 22 Nov 2021 14:54  
Operator : SY/MD  
Sample : M4737-14 50X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
20916

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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\82U110521W.M  
Title : SW846 8260

Signal : TIC: VU045913.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         | 1.694       | 99            | 110         | 162          | rBV      | 1074198        | 1818051       | 100.00%         | 31.149%       |
| 2         | 2.459       | 309           | 348         | 349          | rBV2     | 8877           | 33418         | 1.84%           | 0.573%        |
| 3         | 5.292       | 1212          | 1229        | 1243         | rBV      | 114434         | 241129        | 13.26%          | 4.131%        |
| 4         | 5.375       | 1243          | 1255        | 1278         | rVB      | 171423         | 356031        | 19.58%          | 6.100%        |
| 5         | 5.703       | 1343          | 1357        | 1376         | rBV      | 122134         | 247622        | 13.62%          | 4.243%        |
| 6         | 6.250       | 1513          | 1527        | 1545         | rBV      | 263888         | 500411        | 27.52%          | 8.574%        |
| 7         | 7.899       | 2025          | 2040        | 2073         | rBV      | 411823         | 723922        | 39.82%          | 12.403%       |
| 8         | 9.420       | 2499          | 2513        | 2535         | rBV      | 405772         | 673489        | 37.04%          | 11.539%       |
| 9         | 10.635      | 2878          | 2891        | 2912         | rBV      | 324362         | 520993        | 28.66%          | 8.926%        |
| 10        | 11.812      | 3245          | 3257        | 3277         | rBV      | 454996         | 721499        | 39.69%          | 12.362%       |

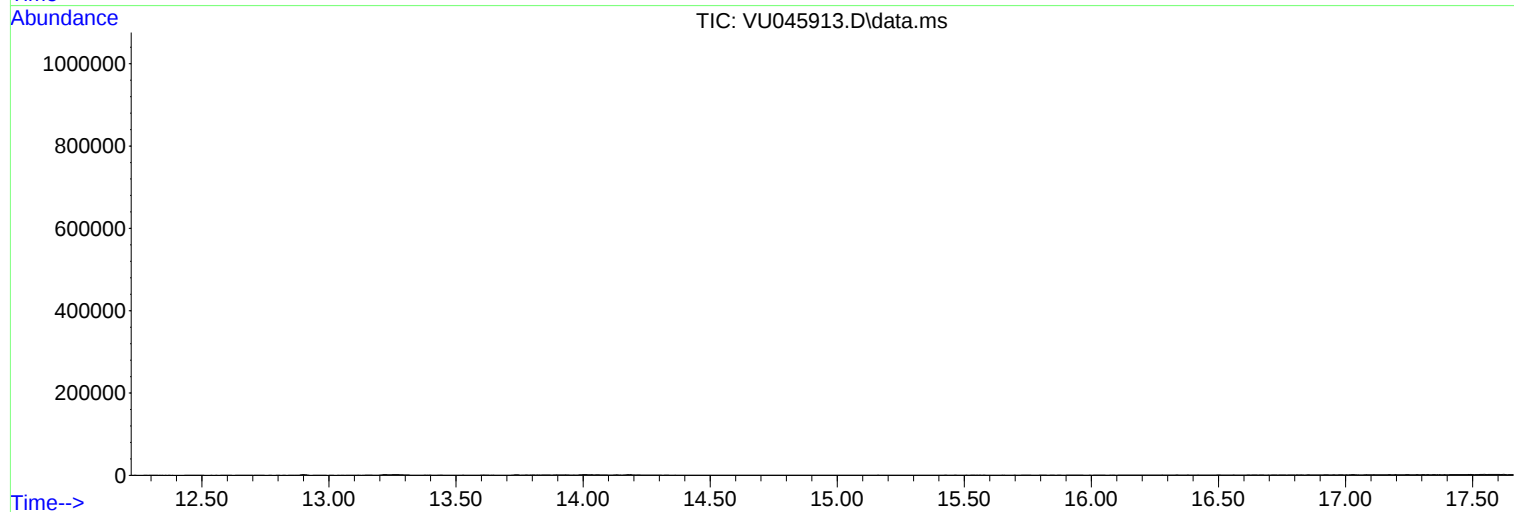
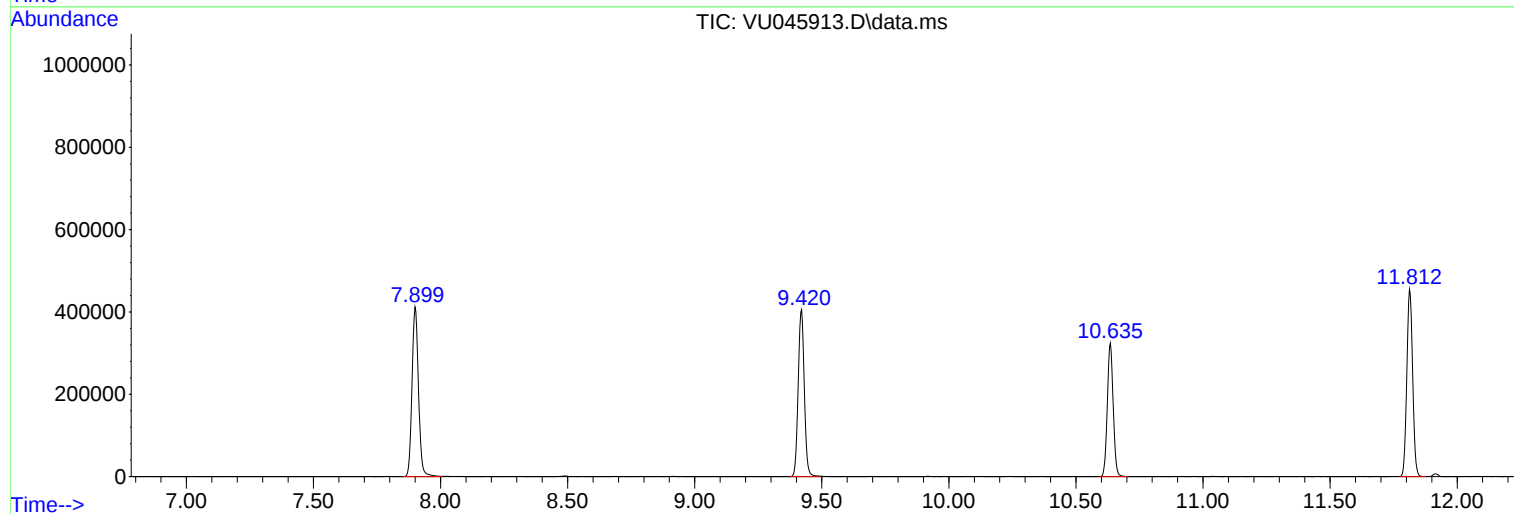
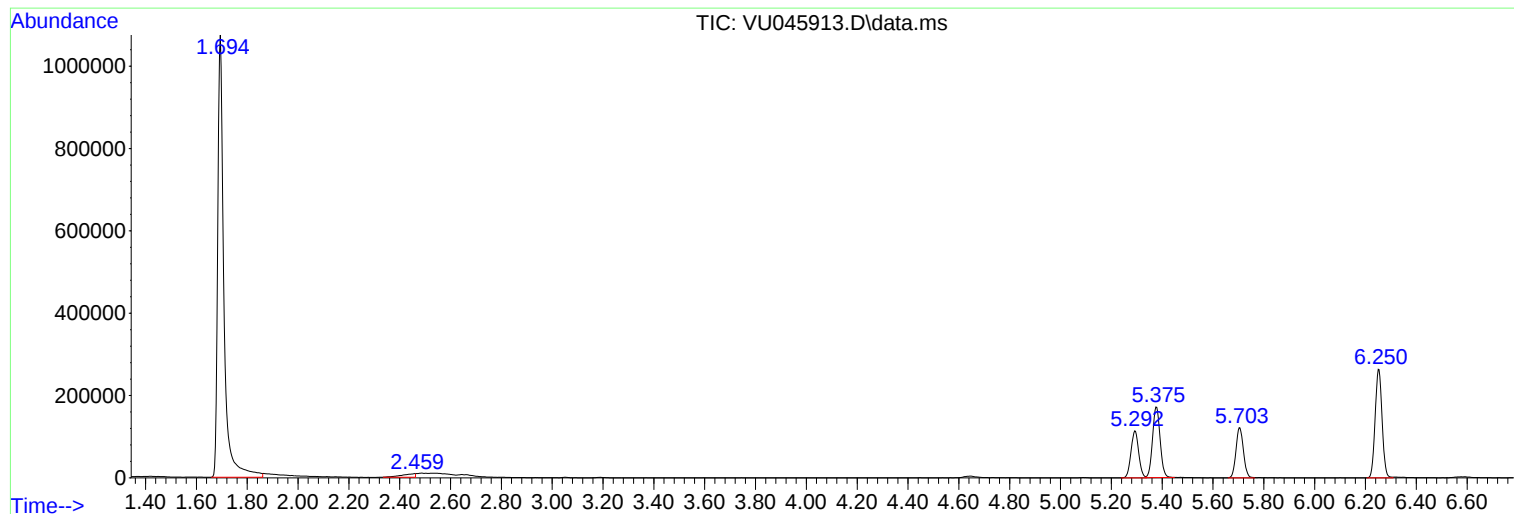
Sum of corrected areas: 5836565

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260

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



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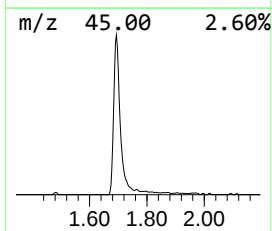
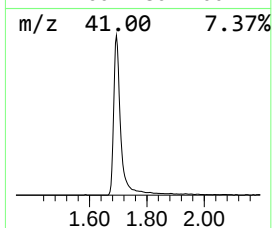
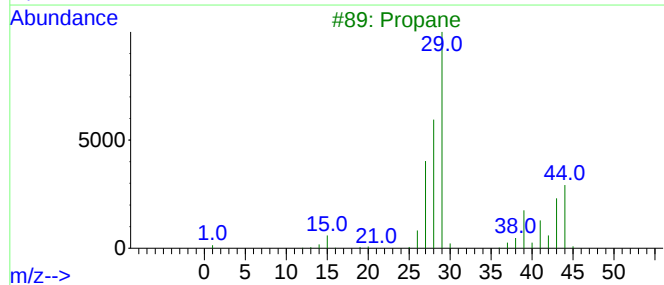
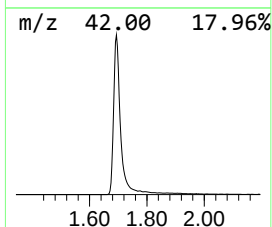
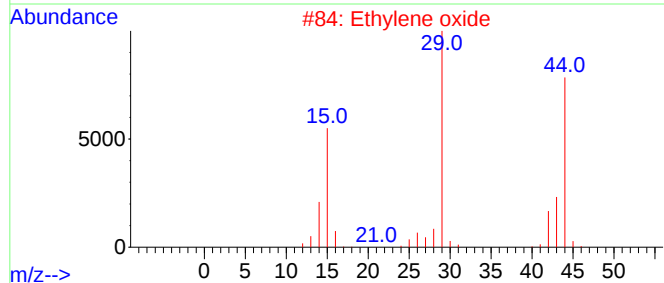
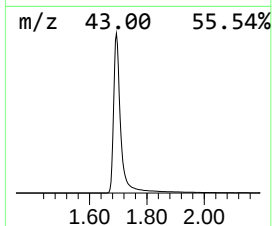
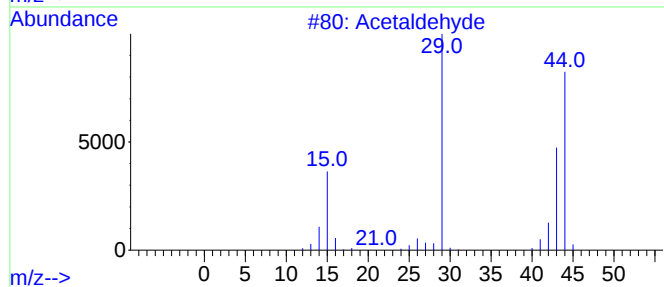
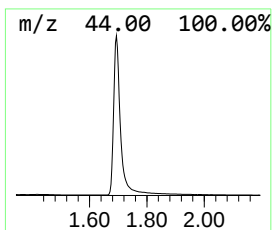
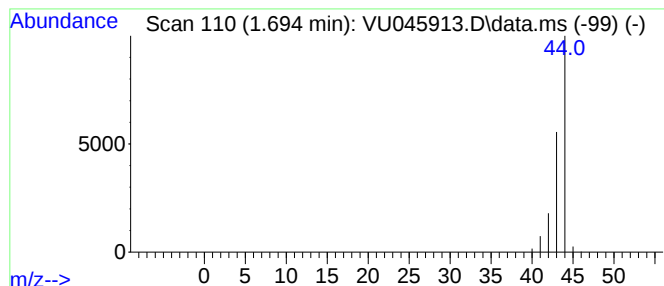
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Acetaldehyde Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 1.694 | 255.32 ug/l | 1818050 | Pentafluorobenzene | 5.378 |

| Hit# | of | 5 | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------|----|---------|-------------|------|
| 1    |    |   | Acetaldehyde       | 44 | C2H4O   | 000075-07-0 | 74   |
| 2    |    |   | Ethylene oxide     | 44 | C2H4O   | 000075-21-8 | 5    |
| 3    |    |   | Propane            | 44 | C3H8    | 000074-98-6 | 4    |
| 4    |    |   | 1,2-Propanediamine | 74 | C3H10N2 | 000078-90-0 | 4    |
| 5    |    |   | Alanine            | 89 | C3H7NO2 | 000056-41-7 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Acetaldehyde     | 1.694 | 255.3   | ug/l  | 1818050  | 1                     | 5.378 | 356031 | 50.0 |