

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
 Data File : VU043177.D  
 Acq On : 16 Apr 2021 18:33  
 Operator : SY/MD  
 Sample : M2016-03 50X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TOTE-1750

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\82U041221W.M

Title : SW846 8260

Signal : TIC: VU043177.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         | 1.687       | 98            | 108         | 144          | rBV      | 2103228        | 2818973       | 100.00%         | 33.915%       |
| 2         | 2.340       | 290           | 311         | 349          | rBV      | 414110         | 1747045       | 61.97%          | 21.019%       |
| 3         | 2.636       | 391           | 403         | 426          | rVB      | 43778          | 86905         | 3.08%           | 1.046%        |
| 4         | 2.954       | 491           | 502         | 524          | rVB      | 17350          | 33570         | 1.19%           | 0.404%        |
| 5         | 4.816       | 1064          | 1081        | 1102         | rBV      | 24567          | 58226         | 2.07%           | 0.701%        |
| 6         | 5.298       | 1213          | 1231        | 1244         | rBV2     | 109399         | 228268        | 8.10%           | 2.746%        |
| 7         | 5.382       | 1244          | 1257        | 1277         | rVB      | 161807         | 333201        | 11.82%          | 4.009%        |
| 8         | 5.710       | 1344          | 1359        | 1384         | rBV      | 121672         | 263894        | 9.36%           | 3.175%        |
| 9         | 6.256       | 1514          | 1529        | 1551         | rBV      | 247348         | 460595        | 16.34%          | 5.541%        |
| 10        | 7.906       | 2025          | 2042        | 2058         | rBV      | 380521         | 654581        | 23.22%          | 7.875%        |
| 11        | 9.423       | 2500          | 2514        | 2530         | rBV      | 352442         | 574425        | 20.38%          | 6.911%        |
| 12        | 10.012      | 2684          | 2697        | 2717         | rBV4     | 12600          | 33980         | 1.21%           | 0.409%        |
| 13        | 10.639      | 2879          | 2892        | 2913         | rBV      | 290222         | 460037        | 16.32%          | 5.535%        |
| 14        | 11.819      | 3246          | 3259        | 3275         | rBV      | 353973         | 558149        | 19.80%          | 6.715%        |

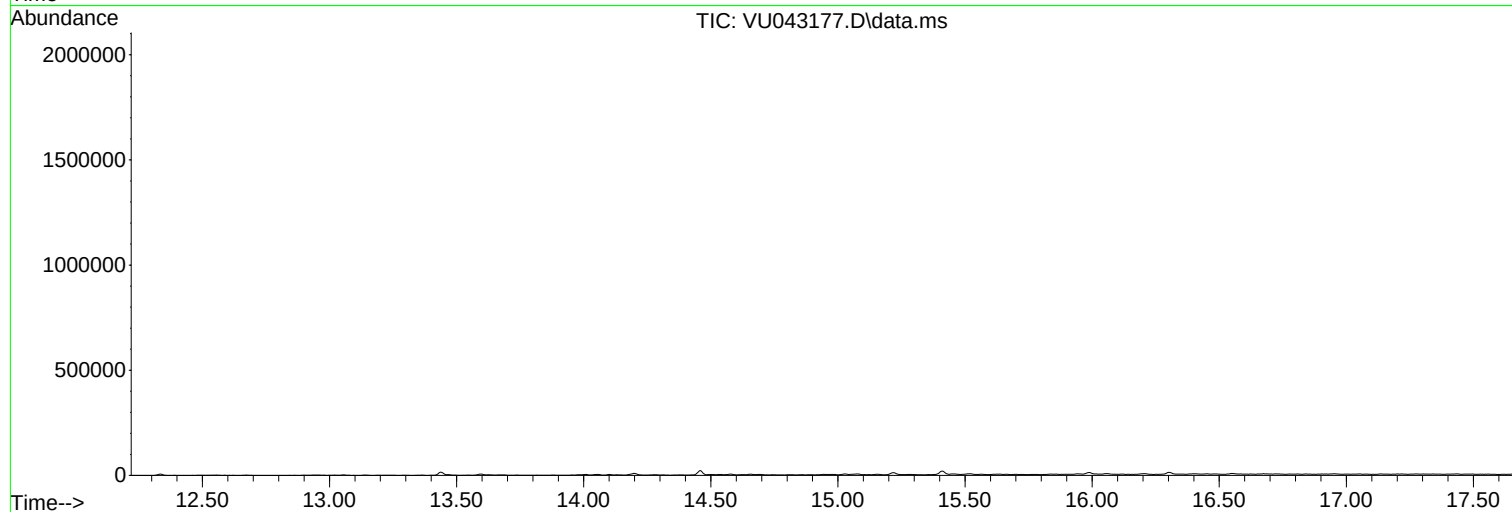
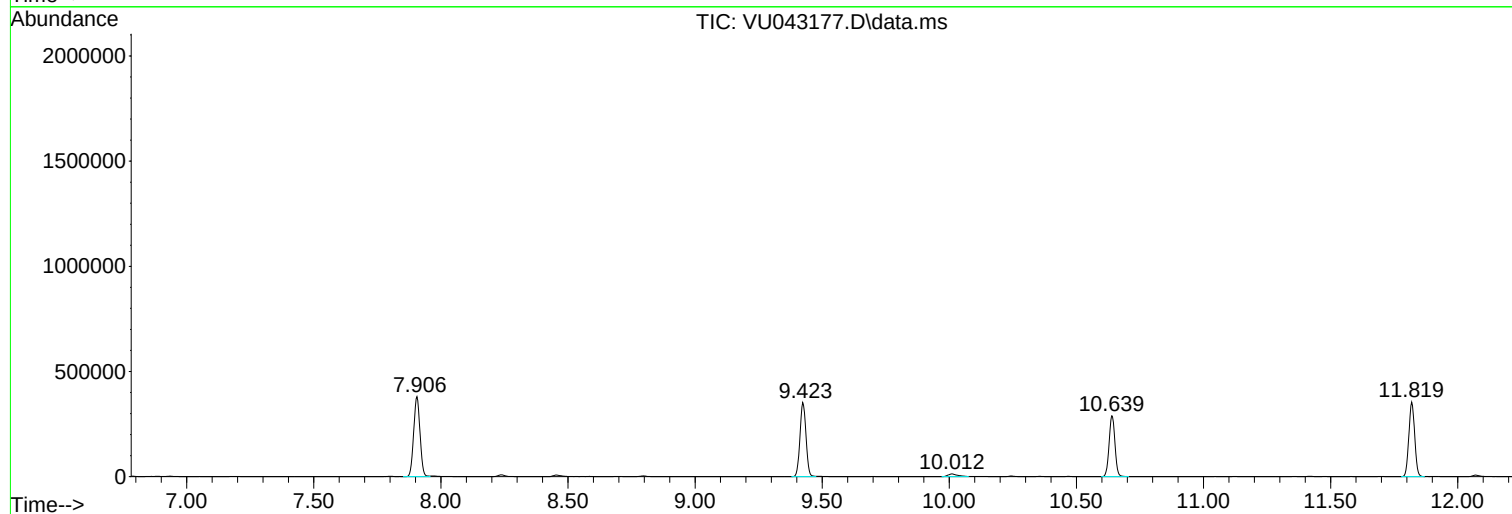
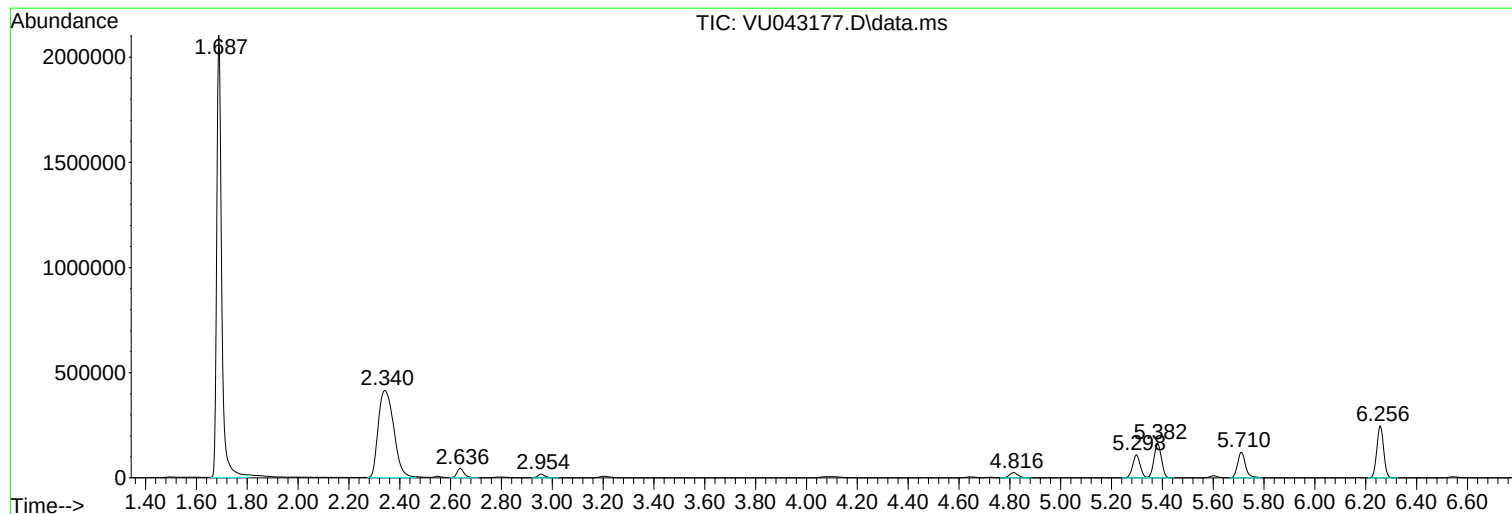
Sum of corrected areas: 8311849

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
Data File : VU043177.D  
Acq On : 16 Apr 2021 18:33  
Operator : SY/MD  
Sample : M2016-03 50X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TOTE-1750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
Data File : VU043177.D  
Acq On : 16 Apr 2021 18:33  
Operator : SY/MD  
Sample : M2016-03 50X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TOTE-1750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260

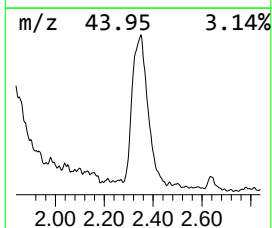
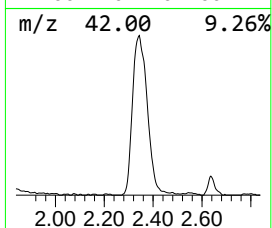
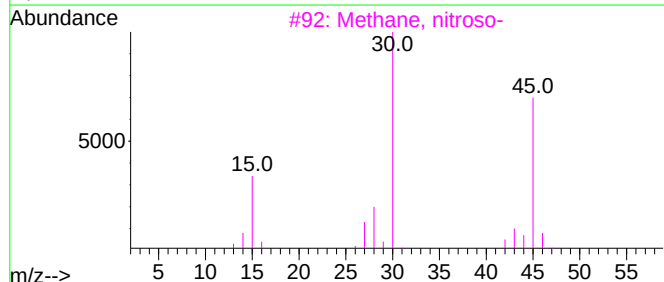
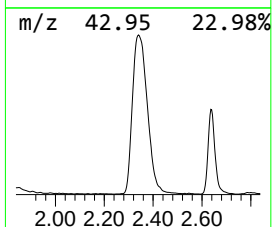
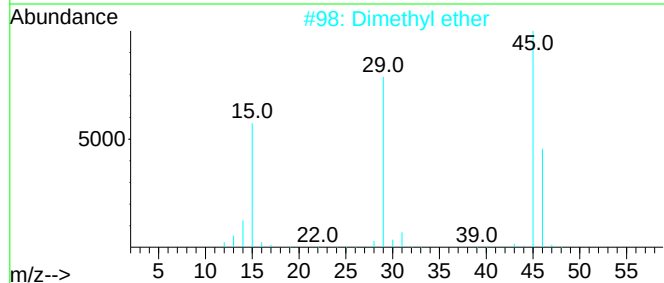
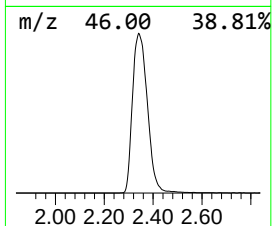
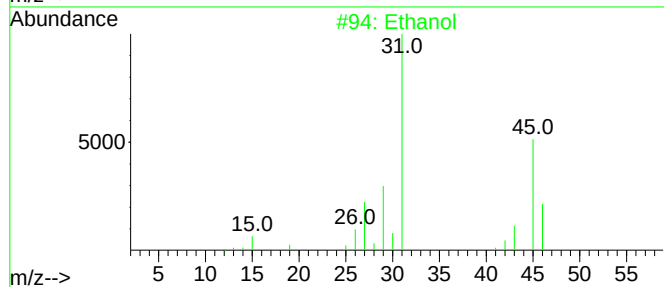
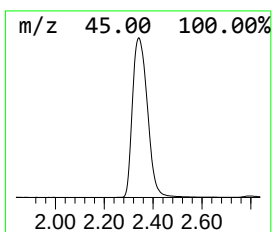
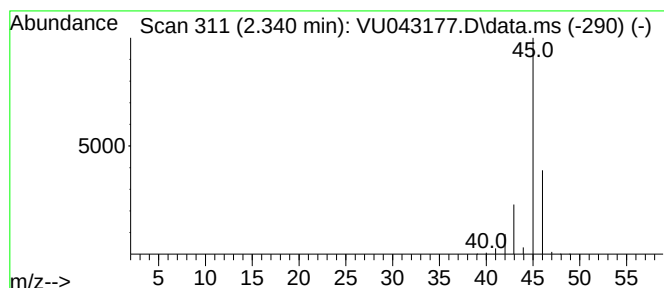
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 Ethanol Concentration Rank 2

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 2.340 | 262.16 ug/l | 1747050 | Pentafluorobenzene | 5.382 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Ethanol           | 46 | C2H6O   | 000064-17-5 | 74   |
| 2    |    |   | Dimethyl ether    | 46 | C2H6O   | 000115-10-6 | 9    |
| 3    |    |   | Methane, nitroso- | 45 | CH3NO   | 000865-40-7 | 4    |
| 4    |    |   | Formic acid       | 46 | CH2O2   | 000064-18-6 | 4    |
| 5    |    |   | L-Lactic acid     | 90 | C3H6O3  | 000079-33-4 | 2    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041621\  
Data File : VU043177.D  
Acq On : 16 Apr 2021 18:33  
Operator : SY/MD  
Sample : M2016-03 50X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TOTE-1750

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethanol          | 2.340 | 262.2   | ug/l  | 1747050  | 1                     | 5.382 | 333201 | 50.0 |