

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011421\  
 Data File : VU042046.D  
 Acq On : 14 Jan 2021 21:12  
 Operator : SY/MD  
 Sample : M1132-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F1A16

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\SOMUTR011321WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC: VU042046.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         | 1.601       | 73            | 81          | 89           | rVB      | 53975          | 58412         | 11.81%          | 1.545%        |
| 2         | 1.919       | 171           | 180         | 190          | rBV      | 57387          | 69747         | 14.11%          | 1.845%        |
| 3         | 2.575       | 373           | 384         | 399          | rBV      | 91267          | 150048        | 30.35%          | 3.970%        |
| 4         | 2.655       | 402           | 409         | 423          | rVB2     | 2955           | 5821          | 1.18%           | 0.154%        |
| 5         | 4.652       | 1013          | 1030        | 1063         | rBV      | 78568          | 246650        | 49.89%          | 6.525%        |
| 6         | 4.822       | 1072          | 1083        | 1099         | rVB3     | 14287          | 32423         | 6.56%           | 0.858%        |
| 7         | 5.080       | 1146          | 1163        | 1196         | rBV2     | 116212         | 268102        | 54.23%          | 7.093%        |
| 8         | 5.739       | 1347          | 1368        | 1393         | rBV3     | 185007         | 482155        | 97.52%          | 12.756%       |
| 9         | 6.260       | 1516          | 1530        | 1553         | rBV      | 153518         | 284851        | 57.61%          | 7.536%        |
| 10        | 6.700       | 1654          | 1667        | 1688         | rVB      | 115567         | 223006        | 45.11%          | 5.900%        |
| 11        | 7.572       | 1926          | 1938        | 1956         | rBV2     | 52625          | 93204         | 18.85%          | 2.466%        |
| 12        | 7.903       | 2028          | 2041        | 2055         | rBV      | 197676         | 339610        | 68.69%          | 8.985%        |
| 13        | 7.973       | 2056          | 2063        | 2077         | rVB      | 12009          | 19791         | 4.00%           | 0.524%        |
| 14        | 8.186       | 2118          | 2129        | 2144         | rBV2     | 32347          | 54794         | 11.08%          | 1.450%        |
| 15        | 8.642       | 2254          | 2271        | 2294         | rBV      | 255962         | 494413        | 100.00%         | 13.080%       |
| 16        | 8.790       | 2309          | 2317        | 2327         | rBV4     | 7600           | 12087         | 2.44%           | 0.320%        |
| 17        | 9.420       | 2500          | 2513        | 2537         | rBV      | 176136         | 291775        | 59.01%          | 7.719%        |
| 18        | 10.755      | 2916          | 2928        | 2944         | rVB      | 77866          | 124042        | 25.09%          | 3.282%        |
| 19        | 10.896      | 2961          | 2972        | 2980         | rBV4     | 3845           | 6596          | 1.33%           | 0.174%        |
| 20        | 11.809      | 3245          | 3256        | 3270         | rVB      | 161222         | 252955        | 51.16%          | 6.692%        |
| 21        | 12.057      | 3318          | 3333        | 3343         | rBV4     | 4454           | 7489          | 1.51%           | 0.198%        |
| 22        | 12.189      | 3362          | 3374        | 3388         | rBV      | 159237         | 255846        | 51.75%          | 6.769%        |
| 23        | 12.880      | 3583          | 3589        | 3596         | rBV6     | 4674           | 6128          | 1.24%           | 0.162%        |

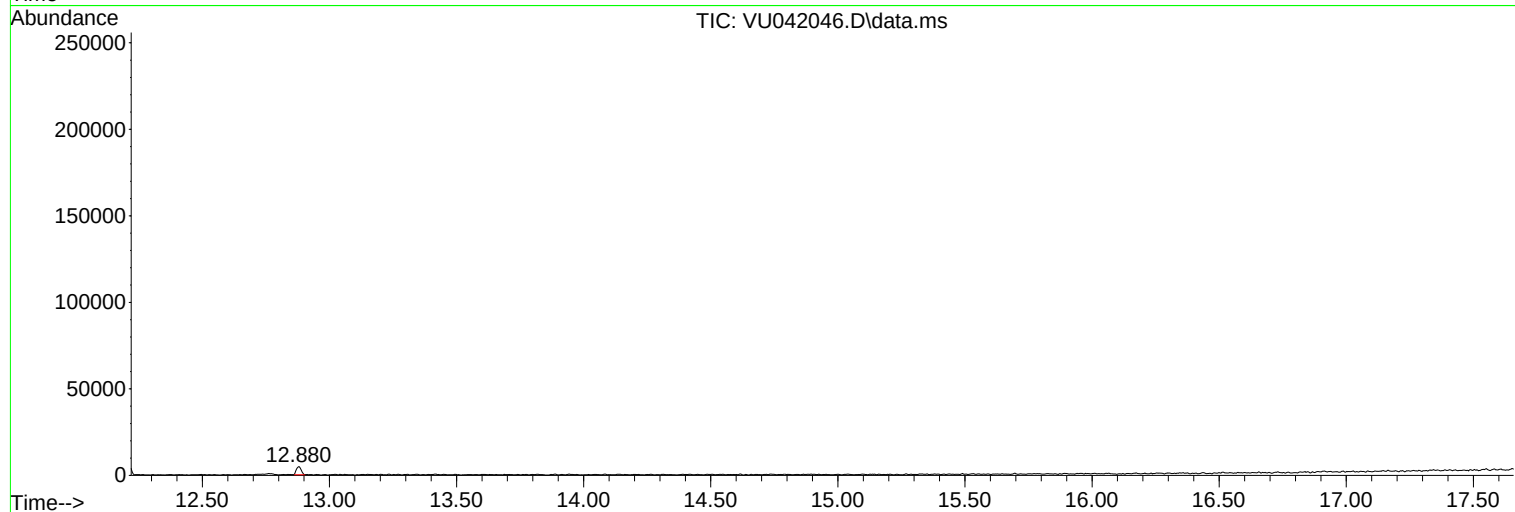
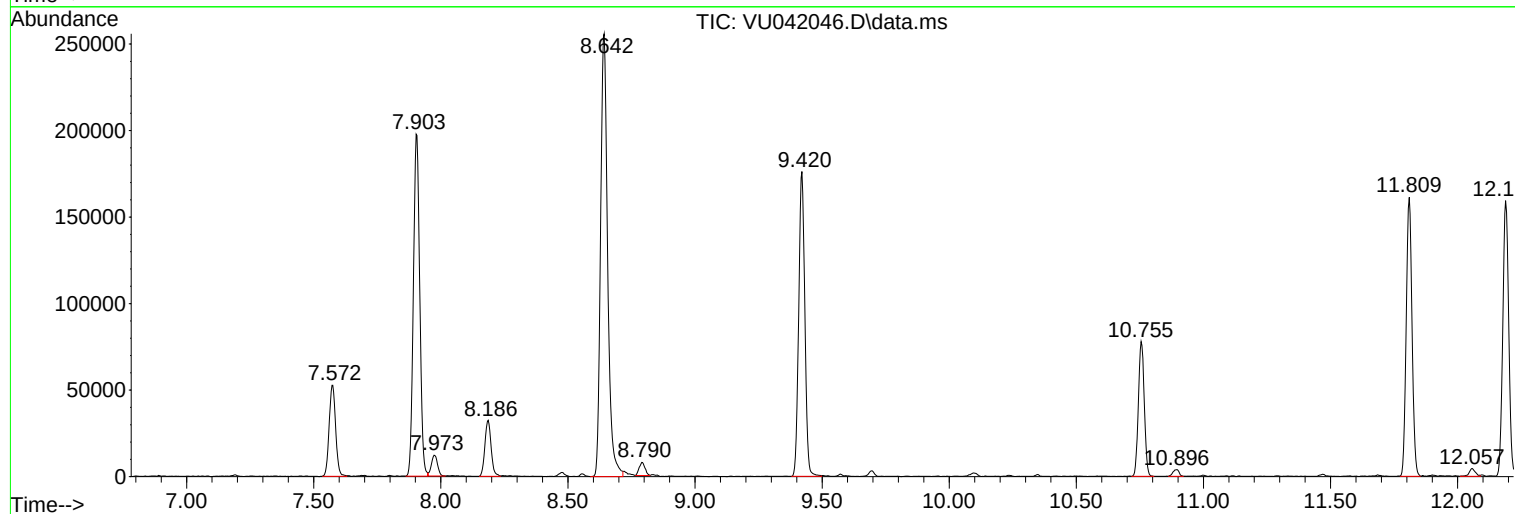
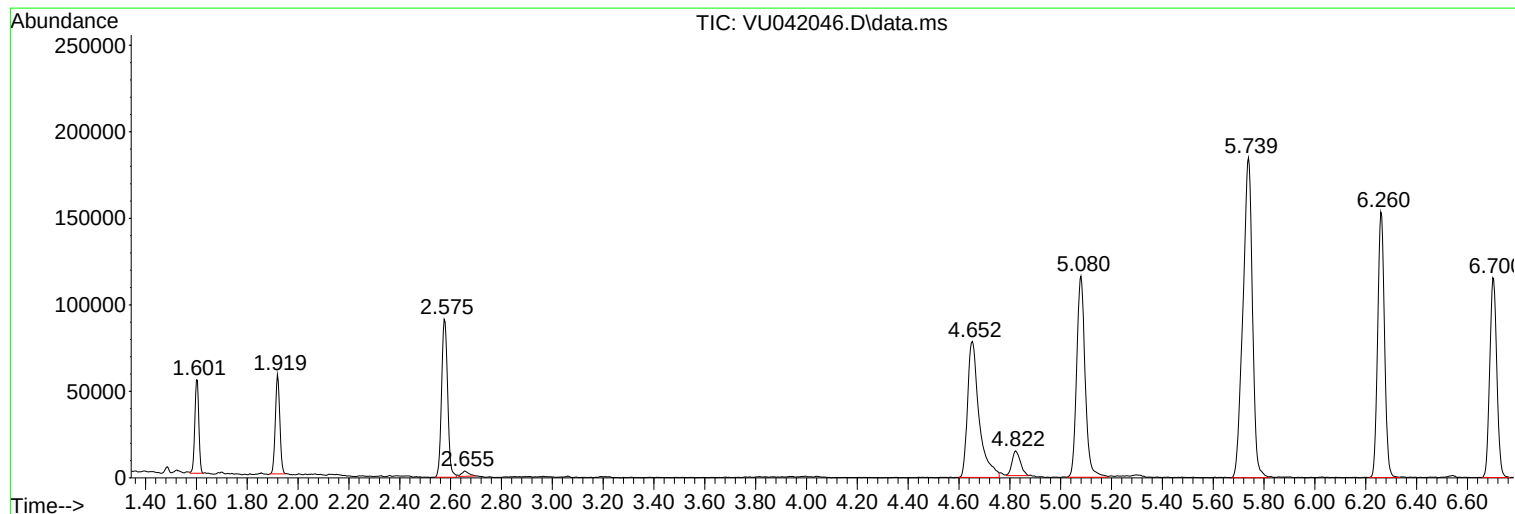
Sum of corrected areas: 3779945

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ClientSampleId :  
F1A16

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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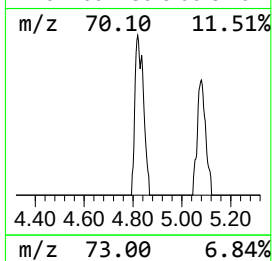
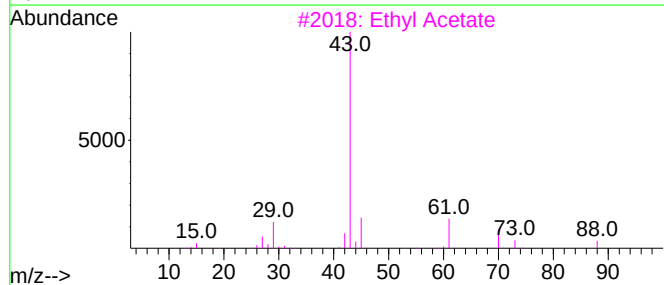
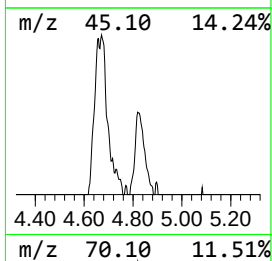
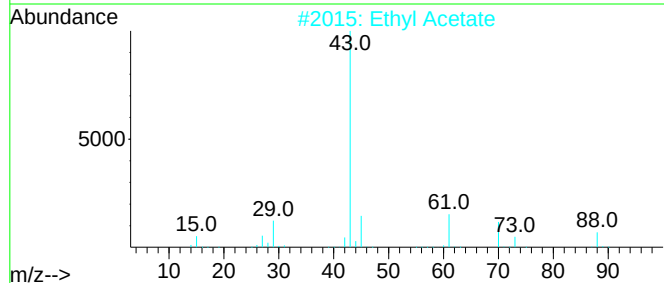
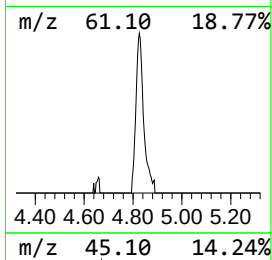
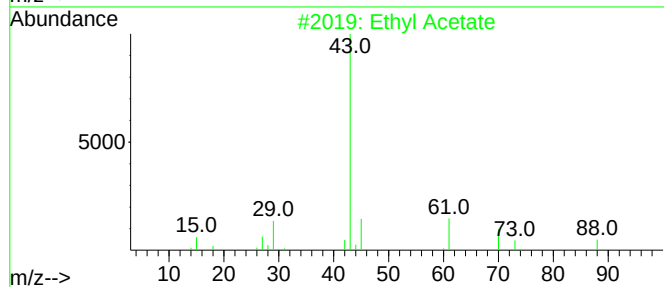
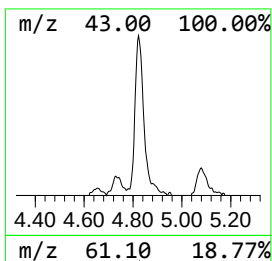
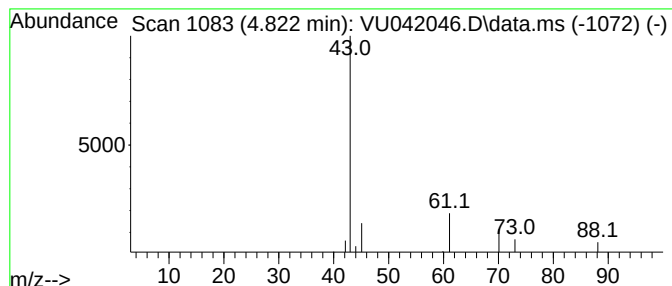
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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 4.822 | 0.57 ug/L | 32423 | 1,4-Difluorobenzene | 6.260 |

| Hit# | of | 5 | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------|----|---------|-------------|------|
| 1    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 83   |
| 3    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 83   |
| 4    |    |   | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 64   |
| 5    |    |   | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate    | 4.822 | 0.6     | ug/L  | 32423    | 1                     | 6.260 | 284851 | 5.0  |