

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\  
 Data File : VU032159.D  
 Acq On : 20 May 2019 17:00  
 Operator : JC/SP  
 Sample : K2860-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W35

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.180       | 23            | 28          | 41           | rBV3     | 22211          | 24812         | 2.10%           | 0.234%        |
| 2         | 1.396       | 87            | 95          | 109          | rBV      | 157670         | 173385        | 14.65%          | 1.632%        |
| 3         | 1.678       | 175           | 183         | 197          | rVB      | 135728         | 164991        | 13.94%          | 1.553%        |
| 4         | 2.270       | 355           | 367         | 378          | rBV      | 291564         | 446170        | 37.69%          | 4.199%        |
| 5         | 2.341       | 378           | 389         | 404          | rVV3     | 105345         | 194977        | 16.47%          | 1.835%        |
| 6         | 2.698       | 491           | 500         | 508          | rVB8     | 7715           | 13156         | 1.11%           | 0.124%        |
| 7         | 2.977       | 578           | 587         | 597          | rVB5     | 7275           | 14729         | 1.24%           | 0.139%        |
| 8         | 4.202       | 954           | 968         | 993          | rBV      | 155183         | 460647        | 38.92%          | 4.335%        |
| 9         | 4.395       | 1016          | 1028        | 1056         | rBV3     | 59828          | 166981        | 14.11%          | 1.571%        |
| 10        | 4.643       | 1088          | 1105        | 1133         | rBV2     | 222675         | 600969        | 50.77%          | 5.656%        |
| 11        | 5.331       | 1297          | 1319        | 1346         | rBV3     | 413923         | 1135332       | 95.92%          | 10.685%       |
| 12        | 5.881       | 1471          | 1490        | 1517         | rBV      | 387321         | 781525        | 66.03%          | 7.355%        |
| 13        | 6.183       | 1569          | 1584        | 1598         | rBV5     | 48624          | 103217        | 8.72%           | 0.971%        |
| 14        | 6.328       | 1613          | 1629        | 1650         | rBV      | 257925         | 518912        | 43.84%          | 4.884%        |
| 15        | 6.563       | 1692          | 1702        | 1716         | rBV9     | 5890           | 14212         | 1.20%           | 0.134%        |
| 16        | 6.752       | 1746          | 1761        | 1779         | rBV3     | 88584          | 173348        | 14.65%          | 1.631%        |
| 17        | 7.228       | 1897          | 1909        | 1927         | rBV2     | 108290         | 207965        | 17.57%          | 1.957%        |
| 18        | 7.559       | 2000          | 2012        | 2033         | rBV      | 495867         | 885789        | 74.84%          | 8.336%        |
| 19        | 7.852       | 2092          | 2103        | 2122         | rBV      | 68649          | 128799        | 10.88%          | 1.212%        |
| 20        | 8.222       | 2209          | 2218        | 2232         | rVB3     | 24610          | 43660         | 3.69%           | 0.411%        |
| 21        | 8.315       | 2235          | 2247        | 2281         | rBV      | 593167         | 1183642       | 100.00%         | 11.139%       |
| 22        | 8.472       | 2284          | 2296        | 2309         | rVB      | 97268          | 172777        | 14.60%          | 1.626%        |
| 23        | 9.087       | 2474          | 2487        | 2507         | rBV      | 574056         | 990511        | 83.68%          | 9.322%        |
| 24        | 9.955       | 2743          | 2757        | 2770         | rBV2     | 24669          | 41616         | 3.52%           | 0.392%        |
| 25        | 10.427      | 2892          | 2904        | 2919         | rBV2     | 222948         | 360710        | 30.47%          | 3.395%        |
| 26        | 11.482      | 3219          | 3232        | 3259         | rBV      | 486705         | 814988        | 68.85%          | 7.670%        |
| 27        | 11.855      | 3334          | 3348        | 3373         | rBV      | 471493         | 807832        | 68.25%          | 7.603%        |

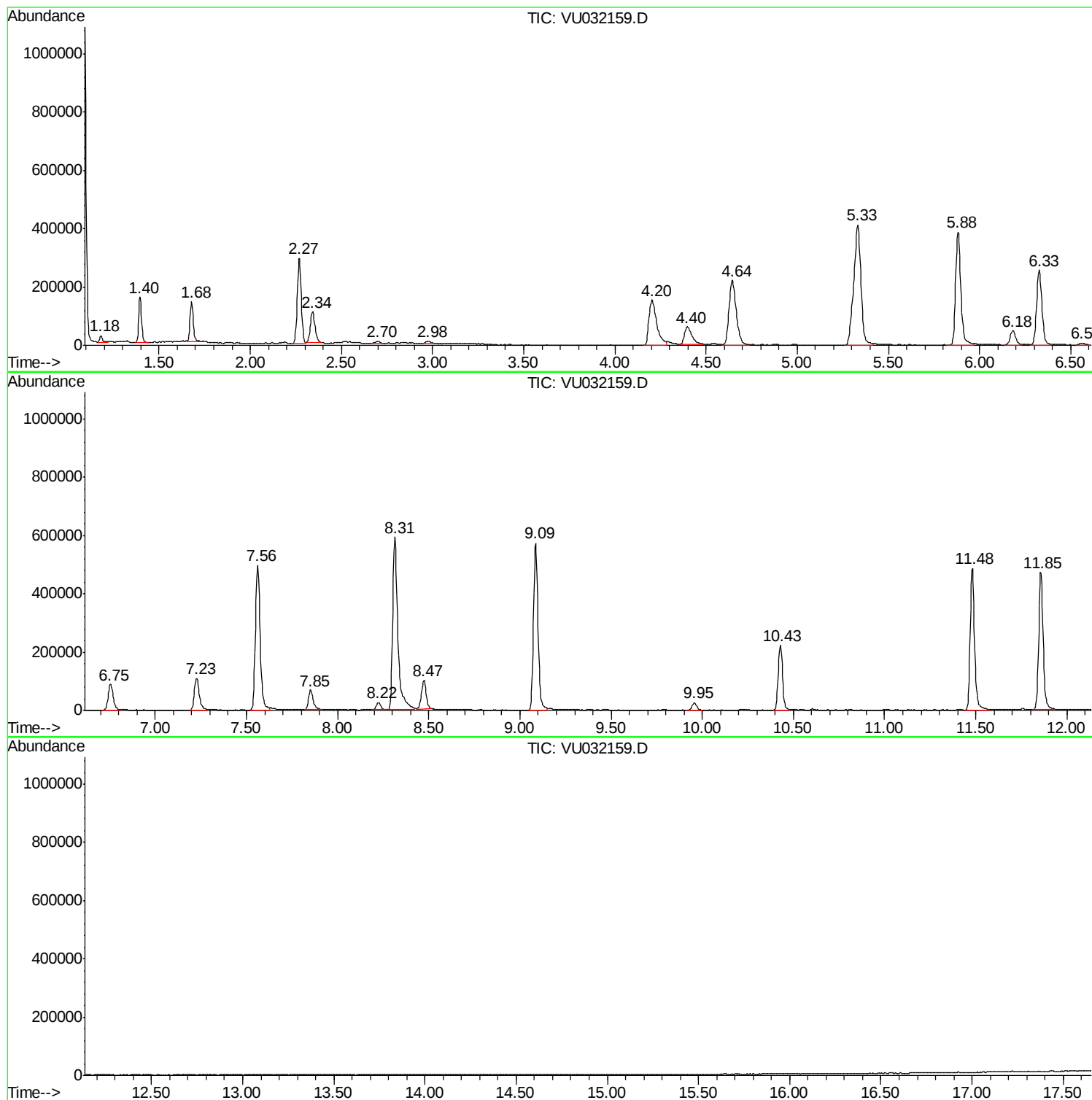
Sum of corrected areas: 10625652

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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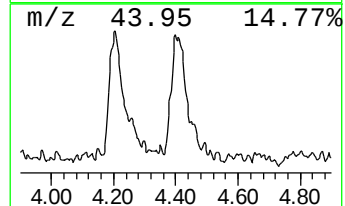
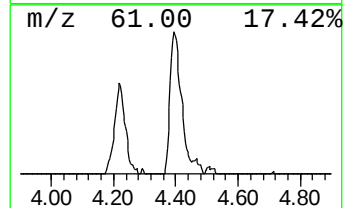
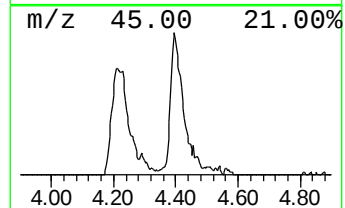
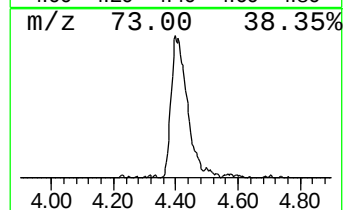
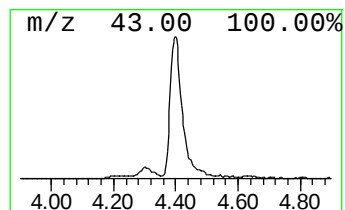
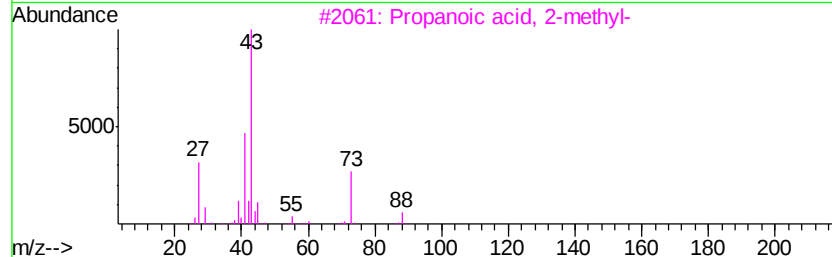
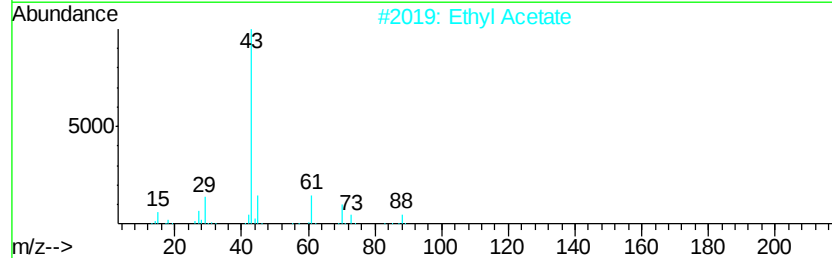
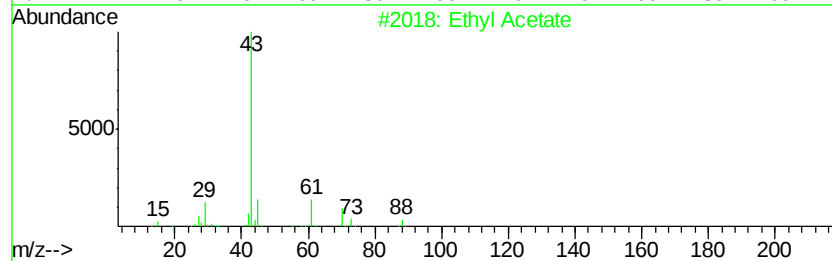
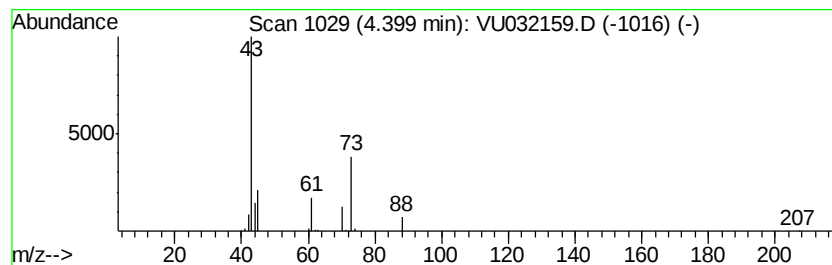
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T.    | EstConc                   | Area         | Relative to ISTD    | R.T.      |
|---------|---------------------------|--------------|---------------------|-----------|
| 4.40    | 1.07 ug/L                 | 166981       | 1,4-Difluorobenzene | 5.88      |
| Hit# of | 5                         | Tentative ID | MW MolForm          | CAS# Qual |
| 1       | Ethyl Acetate             | 88 C4H8O2    | 000141-78-6         | 50        |
| 2       | Ethyl Acetate             | 88 C4H8O2    | 000141-78-6         | 50        |
| 3       | Propanoic acid, 2-methyl- | 88 C4H8O2    | 000079-31-2         | 40        |
| 4       | Ethyl Acetate             | 88 C4H8O2    | 000141-78-6         | 40        |
| 5       | Ethyl Acetate             | 88 C4H8O2    | 000141-78-6         | 40        |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethyl Acetate    | 4.40 | 1.1     | ug/L  | 166981   | 1                     | 5.88 | 781525 | 5.0  |