

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\  
 Data File : VU032096.D  
 Acq On : 17 May 2019 11:34  
 Operator : JC/SP  
 Sample : K2859-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W46

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       | 22            | 28          | 37           | rBV2     | 39720          | 39654         | 3.06%           | 0.352%        |
| 2         | 1.299       | 60            | 65          | 71           | rBV2     | 35215          | 34764         | 2.68%           | 0.309%        |
| 3         | 1.395       | 88            | 95          | 109          | rBV      | 195347         | 215983        | 16.68%          | 1.918%        |
| 4         | 1.675       | 173           | 182         | 199          | rVB      | 161120         | 211501        | 16.33%          | 1.878%        |
| 5         | 2.270       | 356           | 367         | 377          | rBV      | 360879         | 539735        | 41.67%          | 4.792%        |
| 6         | 2.338       | 377           | 388         | 398          | rVV3     | 91912          | 172367        | 13.31%          | 1.530%        |
| 7         | 2.469       | 421           | 429         | 443          | rVB4     | 13223          | 27303         | 2.11%           | 0.242%        |
| 8         | 2.698       | 489           | 500         | 510          | rBV3     | 41659          | 71936         | 5.55%           | 0.639%        |
| 9         | 4.193       | 952           | 965         | 992          | rBV      | 161893         | 435603        | 33.63%          | 3.868%        |
| 10        | 4.389       | 1014          | 1026        | 1041         | rBV4     | 37469          | 93318         | 7.20%           | 0.829%        |
| 11        | 4.646       | 1084          | 1106        | 1133         | rBV3     | 279382         | 893200        | 68.96%          | 7.931%        |
| 12        | 5.331       | 1296          | 1319        | 1341         | rBV2     | 474616         | 1295245       | 100.00%         | 11.500%       |
| 13        | 5.881       | 1476          | 1490        | 1513         | rBV      | 411133         | 827366        | 63.88%          | 7.346%        |
| 14        | 6.328       | 1615          | 1629        | 1647         | rBV      | 280282         | 572450        | 44.20%          | 5.083%        |
| 15        | 6.755       | 1750          | 1762        | 1780         | rBV2     | 65569          | 128232        | 9.90%           | 1.139%        |
| 16        | 7.225       | 1897          | 1908        | 1934         | rBV3     | 110324         | 213443        | 16.48%          | 1.895%        |
| 17        | 7.562       | 2000          | 2013        | 2031         | rBV      | 562041         | 1018913       | 78.67%          | 9.047%        |
| 18        | 7.852       | 2092          | 2103        | 2125         | rBV2     | 68829          | 128344        | 9.91%           | 1.140%        |
| 19        | 8.312       | 2234          | 2246        | 2287         | rBV      | 634500         | 1212750       | 93.63%          | 10.768%       |
| 20        | 9.086       | 2473          | 2487        | 2508         | rBV      | 615559         | 1056736       | 81.59%          | 9.383%        |
| 21        | 10.427      | 2892          | 2904        | 2926         | rBV      | 222658         | 371629        | 28.69%          | 3.300%        |
| 22        | 11.482      | 3220          | 3232        | 3262         | rBV      | 499571         | 843573        | 65.13%          | 7.490%        |
| 23        | 11.855      | 3335          | 3348        | 3372         | rBV      | 502176         | 858557        | 66.29%          | 7.623%        |

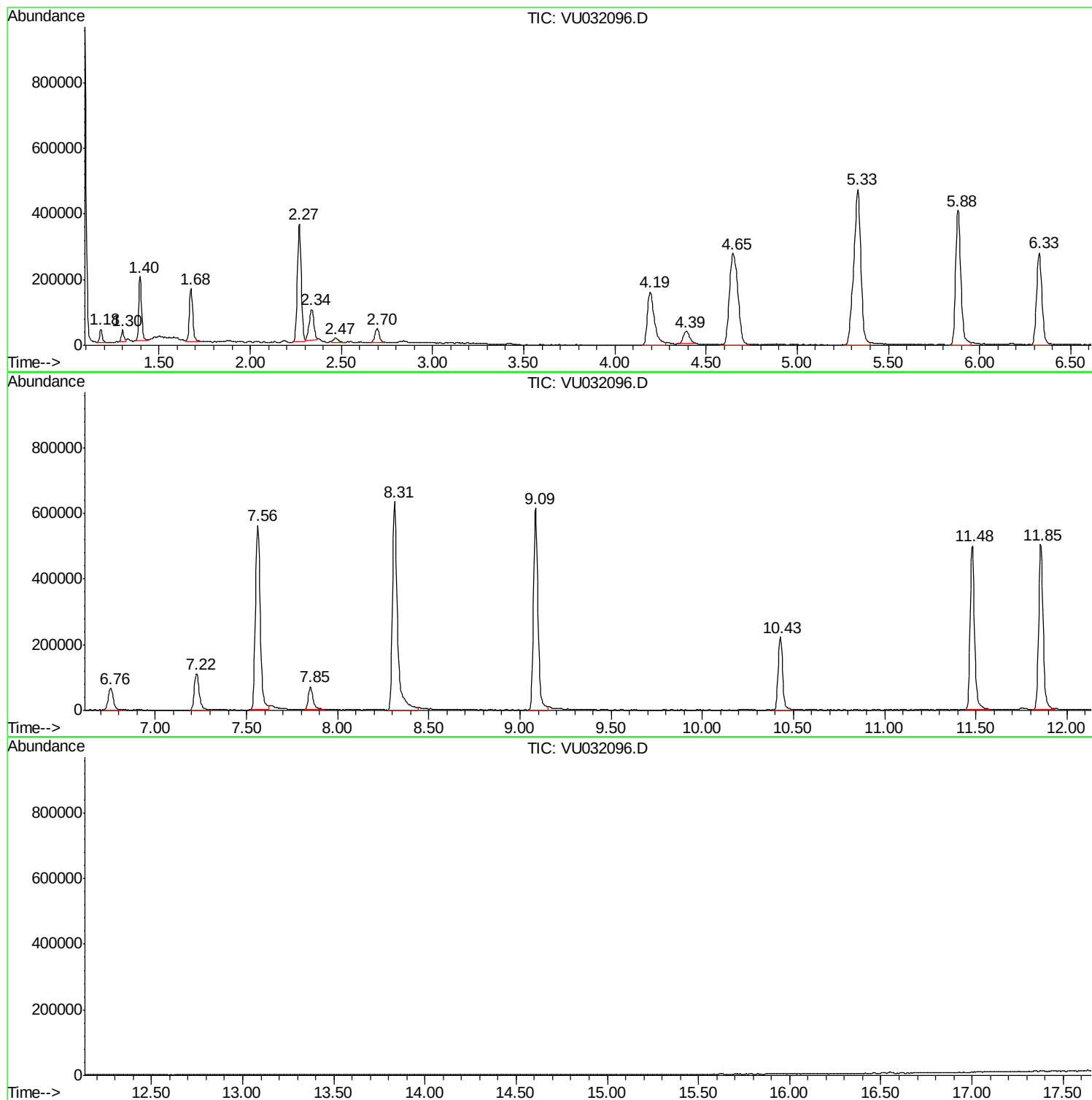
Sum of corrected areas: 11262602

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Instrument :  
MSVOA\_U  
ClientSampled :  
F9W46

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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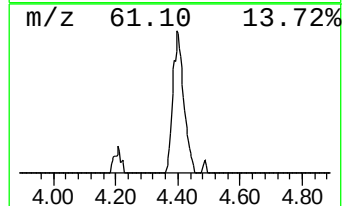
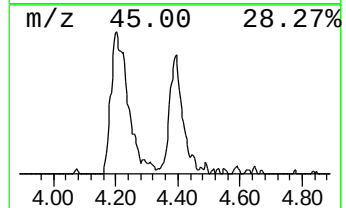
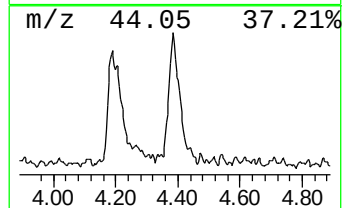
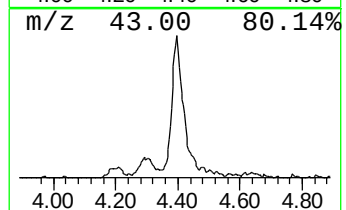
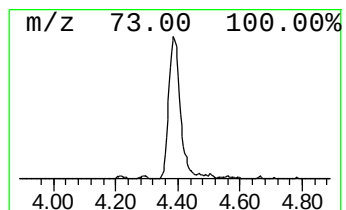
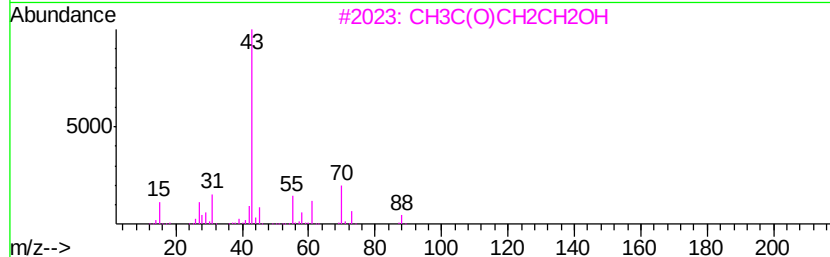
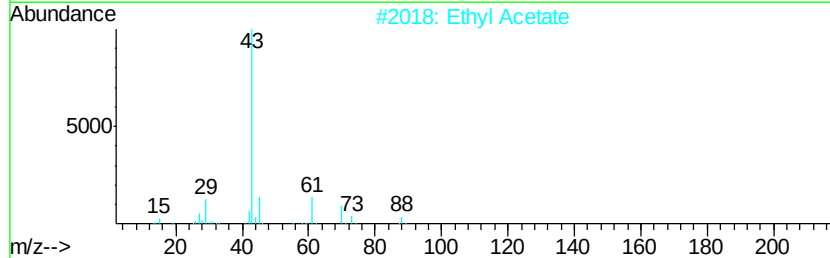
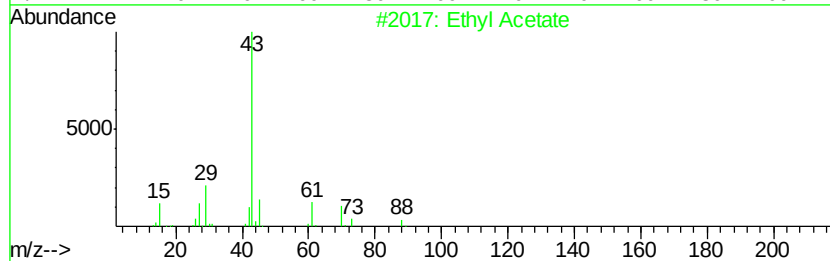
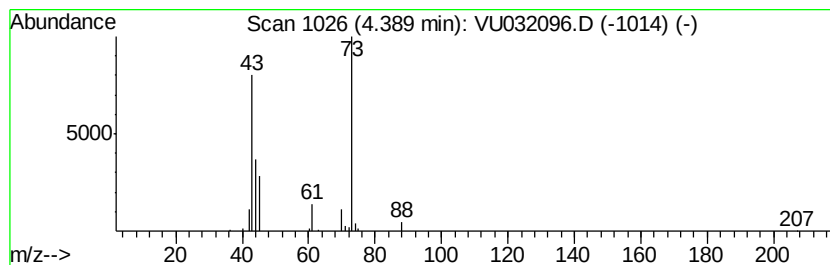
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown-01 Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.39 | 0.56 ug/L | 93318 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | Tentative ID         | MW | MolForm | CAS#        | Qual |
|------|----|----------------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate        | 88 | C4H8O2  | 000141-78-6 | 43   |
| 2    |    | Ethyl Acetate        | 88 | C4H8O2  | 000141-78-6 | 37   |
| 3    |    | CH3C(O)CH2CH2OH      | 88 | C4H8O2  | 000590-90-9 | 32   |
| 4    |    | Ethyl Acetate        | 88 | C4H8O2  | 000141-78-6 | 9    |
| 5    |    | Acetamide, N-methyl- | 73 | C3H7NO  | 000079-16-3 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown-01       | 4.39 | 0.6     | ug/L  | 93318    | 1                     | 5.88 | 827366 | 5.0  |