

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU040819\  
 Data File : VU030869.D  
 Acq On : 07 Apr 2019 20:34  
 Operator : JC/SP  
 Sample : K2284-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEZA0

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\SOMUTR032919WMA.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         | 1.396       | 88            | 95          | 105          | rBV      | 167121         | 175018        | 6.19%           | 1.526%        |
| 2         | 1.679       | 175           | 183         | 198          | rVB      | 135775         | 171274        | 6.05%           | 1.494%        |
| 3         | 2.270       | 356           | 367         | 378          | rBV      | 279099         | 425416        | 15.04%          | 3.710%        |
| 4         | 4.190       | 950           | 964         | 992          | rBV      | 178460         | 498606        | 17.63%          | 4.348%        |
| 5         | 4.392       | 1014          | 1027        | 1055         | rVB2     | 41552          | 106106        | 3.75%           | 0.925%        |
| 6         | 4.643       | 1088          | 1105        | 1129         | rBV3     | 170362         | 445687        | 15.76%          | 3.887%        |
| 7         | 4.910       | 1174          | 1188        | 1202         | rVB3     | 14655          | 37111         | 1.31%           | 0.324%        |
| 8         | 5.331       | 1296          | 1319        | 1351         | rBV2     | 370273         | 1046431       | 36.99%          | 9.126%        |
| 9         | 5.881       | 1477          | 1490        | 1510         | rBV      | 299582         | 594985        | 21.03%          | 5.189%        |
| 10        | 6.180       | 1568          | 1583        | 1606         | rBV      | 1456422        | 2828718       | 100.00%         | 24.669%       |
| 11        | 6.328       | 1616          | 1629        | 1650         | rVB2     | 249865         | 499571        | 17.66%          | 4.357%        |
| 12        | 7.228       | 1897          | 1909        | 1926         | rBV      | 104757         | 200426        | 7.09%           | 1.748%        |
| 13        | 7.563       | 1995          | 2013        | 2032         | rBV      | 422676         | 766218        | 27.09%          | 6.682%        |
| 14        | 7.852       | 2090          | 2103        | 2120         | rBV      | 64831          | 123426        | 4.36%           | 1.076%        |
| 15        | 8.312       | 2235          | 2246        | 2287         | rBV      | 574880         | 1251548       | 44.24%          | 10.915%       |
| 16        | 9.087       | 2475          | 2487        | 2510         | rBV      | 434040         | 759328        | 26.84%          | 6.622%        |
| 17        | 10.431      | 2889          | 2905        | 2926         | rBV      | 177250         | 301102        | 10.64%          | 2.626%        |
| 18        | 11.482      | 3220          | 3232        | 3258         | rBV2     | 347745         | 608016        | 21.49%          | 5.303%        |
| 19        | 11.858      | 3335          | 3349        | 3370         | rBV      | 358131         | 627600        | 22.19%          | 5.473%        |

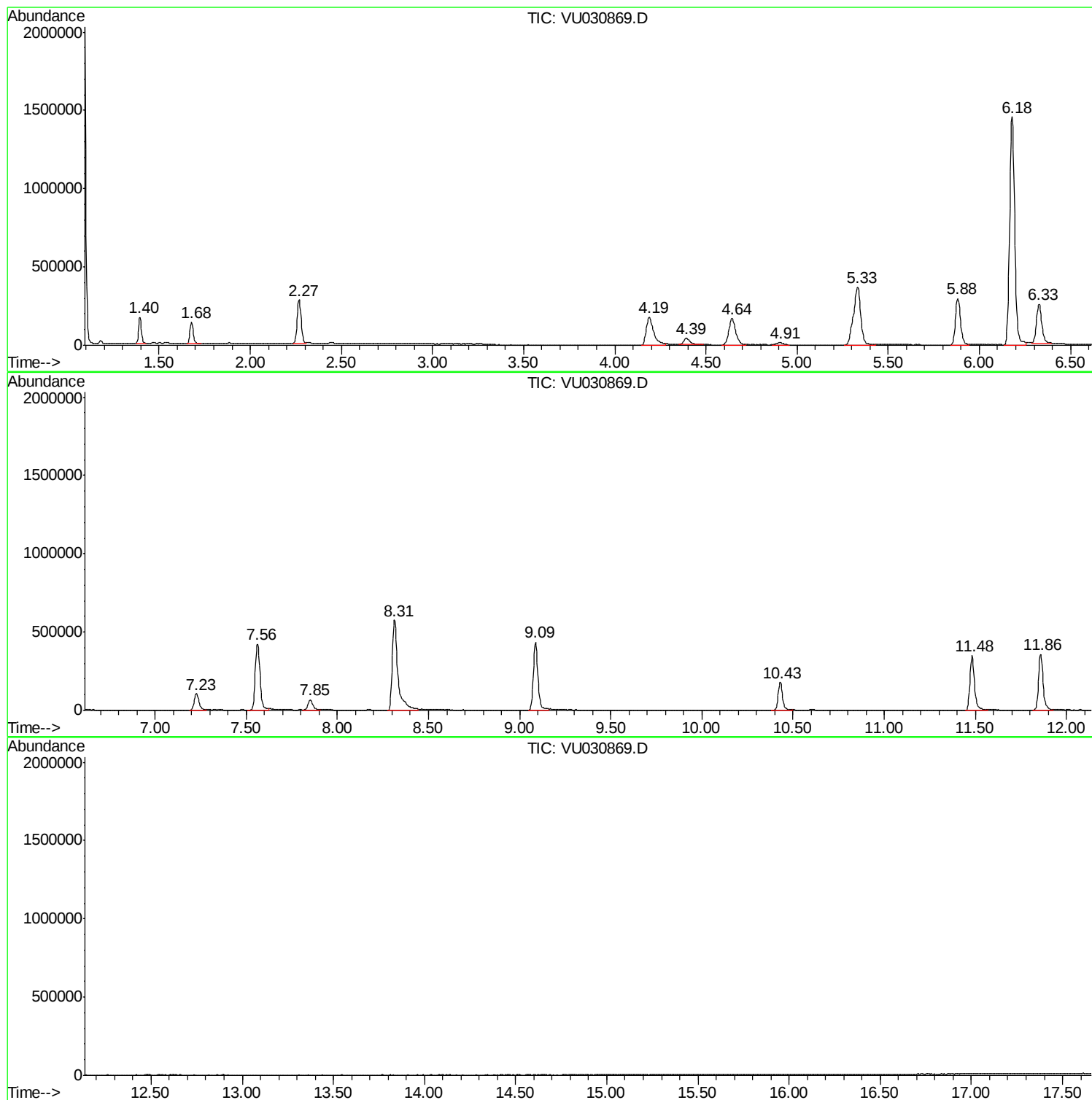
Sum of corrected areas: 11466587

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

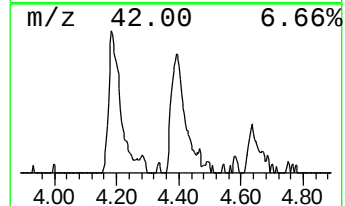
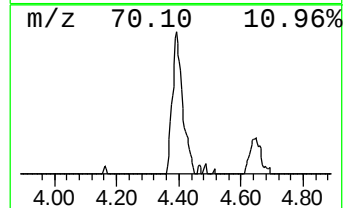
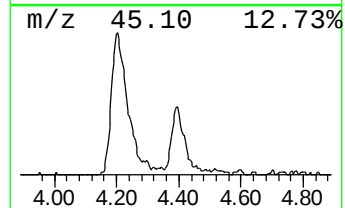
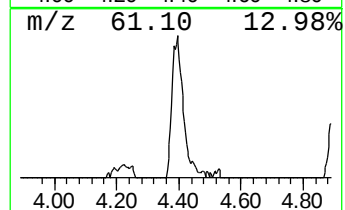
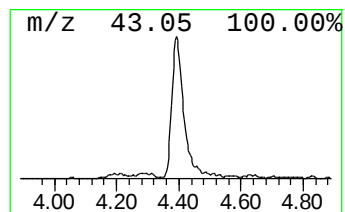
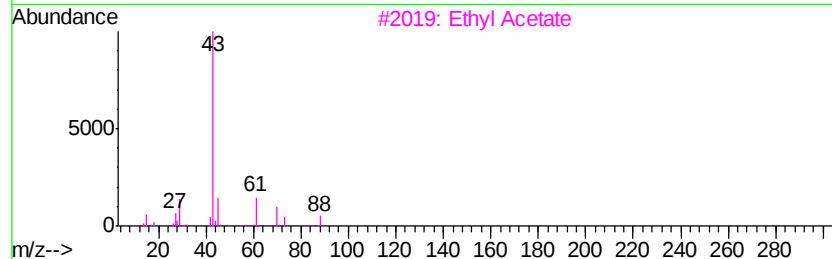
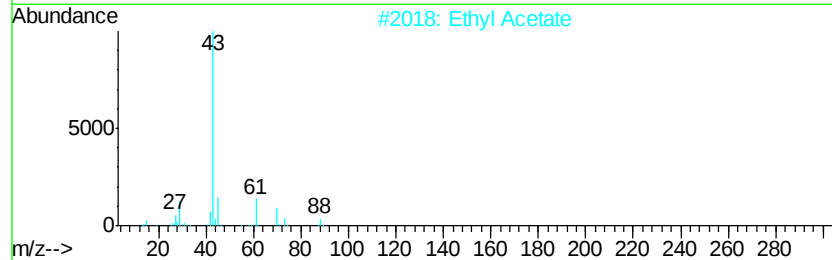
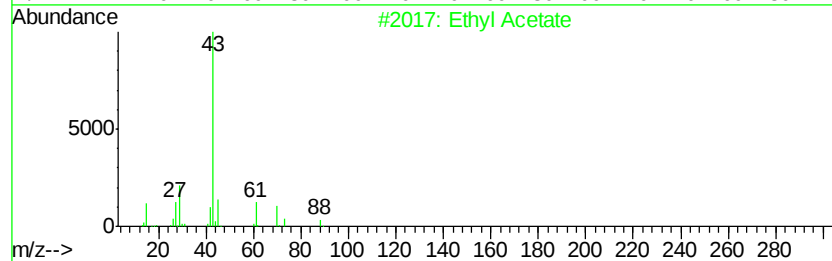
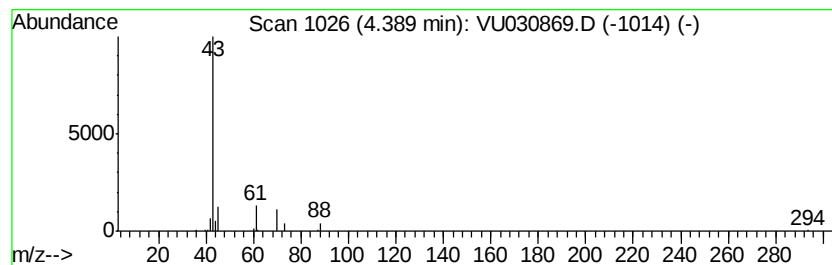
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.39 | 0.89 ug/L | 106106 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 78   |
| 4    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 78   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 40   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethyl Acetate    | 4.39 | 0.9     | ug/L  | 106106   | 1                     | 5.88 | 594985 | 5.0  |