

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101119\  
 Data File : VU035060.D  
 Acq On : 10 Oct 2019 20:12  
 Operator : JC/SP  
 Sample : K5309-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-1-191005-01

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\SOMUTR100719WMA.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         | 1.395       | 86            | 95          | 104          | rBV      | 53695          | 60763         | 9.83%           | 1.296%        |
| 2         | 1.469       | 112           | 118         | 126          | rBV      | 8945           | 11485         | 1.86%           | 0.245%        |
| 3         | 1.675       | 174           | 182         | 195          | rVB      | 56025          | 71261         | 11.52%          | 1.520%        |
| 4         | 2.264       | 354           | 365         | 374          | rBV      | 94641          | 147472        | 23.85%          | 3.146%        |
| 5         | 2.315       | 375           | 381         | 392          | rVB2     | 12979          | 21621         | 3.50%           | 0.461%        |
| 6         | 2.820       | 530           | 538         | 540          | rBV6     | 4832           | 6191          | 1.00%           | 0.132%        |
| 7         | 4.170       | 941           | 958         | 994          | rBV      | 83503          | 255884        | 41.38%          | 5.458%        |
| 8         | 4.376       | 1011          | 1022        | 1050         | rVB      | 14333          | 37647         | 6.09%           | 0.803%        |
| 9         | 4.627       | 1084          | 1100        | 1129         | rBV      | 86221          | 225123        | 36.40%          | 4.802%        |
| 10        | 5.315       | 1291          | 1314        | 1353         | rBV2     | 169593         | 513775        | 83.07%          | 10.960%       |
| 11        | 5.865       | 1471          | 1485        | 1513         | rBV      | 181458         | 376133        | 60.82%          | 8.023%        |
| 12        | 6.312       | 1606          | 1624        | 1648         | rBV      | 124818         | 260337        | 42.10%          | 5.553%        |
| 13        | 7.212       | 1891          | 1904        | 1936         | rBV      | 46196          | 98169         | 15.87%          | 2.094%        |
| 14        | 7.546       | 1996          | 2008        | 2022         | rBV      | 203762         | 374805        | 60.60%          | 7.995%        |
| 15        | 7.620       | 2023          | 2031        | 2047         | rVB      | 29729          | 59905         | 9.69%           | 1.278%        |
| 16        | 7.839       | 2086          | 2099        | 2112         | rBV3     | 24976          | 50393         | 8.15%           | 1.075%        |
| 17        | 8.160       | 2190          | 2199        | 2210         | rBV3     | 4465           | 7803          | 1.26%           | 0.166%        |
| 18        | 8.302       | 2231          | 2243        | 2286         | rBV      | 212488         | 618449        | 100.00%         | 13.192%       |
| 19        | 9.070       | 2471          | 2482        | 2511         | rBV      | 258929         | 494071        | 79.89%          | 10.539%       |
| 20        | 9.234       | 2525          | 2533        | 2548         | rVB2     | 8643           | 14295         | 2.31%           | 0.305%        |
| 21        | 9.360       | 2559          | 2572        | 2590         | rBV2     | 9610           | 19315         | 3.12%           | 0.412%        |
| 22        | 9.771       | 2687          | 2700        | 2702         | rBV3     | 10188          | 14646         | 2.37%           | 0.312%        |
| 23        | 10.414      | 2888          | 2900        | 2923         | rBV      | 108182         | 186243        | 30.11%          | 3.973%        |
| 24        | 10.598      | 2942          | 2957        | 2969         | rBV3     | 6484           | 13031         | 2.11%           | 0.278%        |
| 25        | 11.469      | 3216          | 3228        | 3255         | rBV      | 195215         | 387441        | 62.65%          | 8.265%        |
| 26        | 11.845      | 3331          | 3345        | 3368         | rBV      | 188906         | 355439        | 57.47%          | 7.582%        |
| 27        | 15.858      | 4582          | 4593        | 4601         | rBV3     | 3195           | 6236          | 1.01%           | 0.133%        |

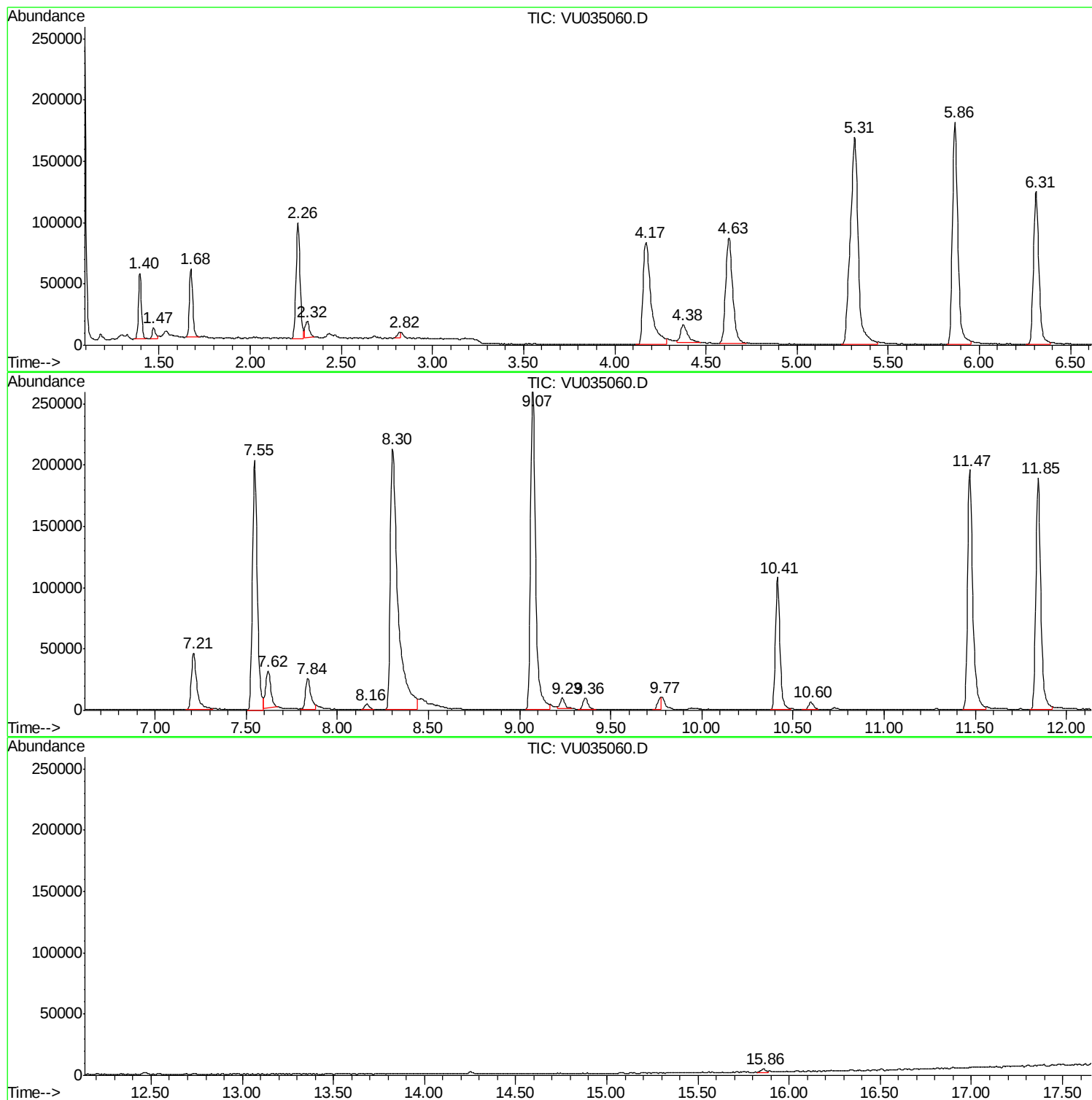
Sum of corrected areas: 4687933

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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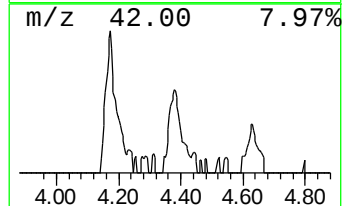
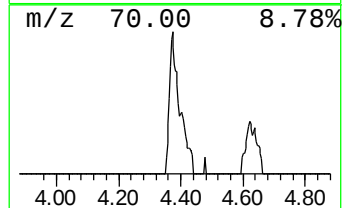
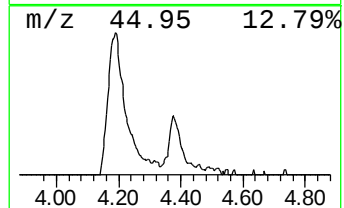
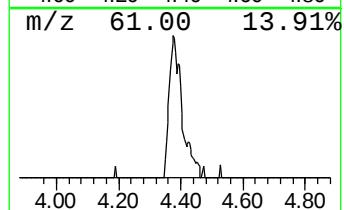
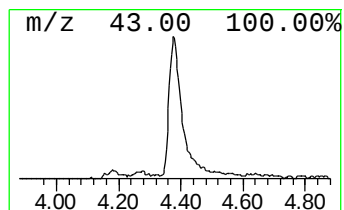
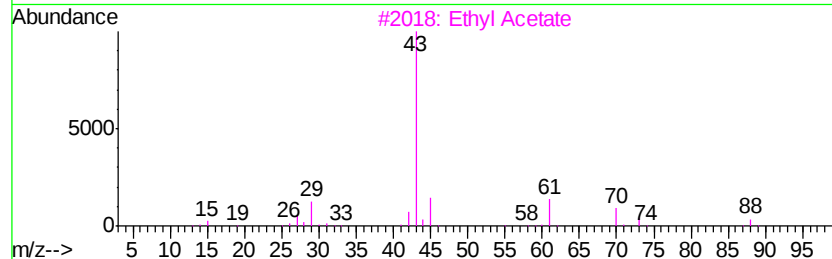
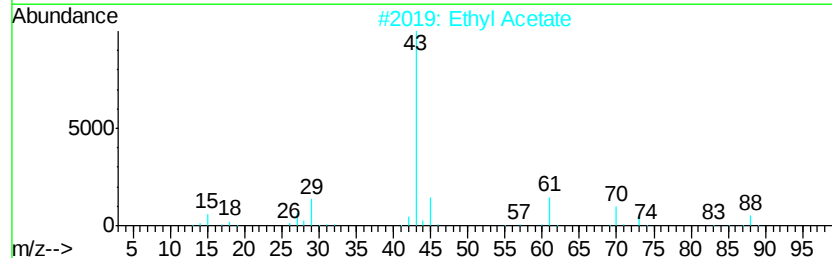
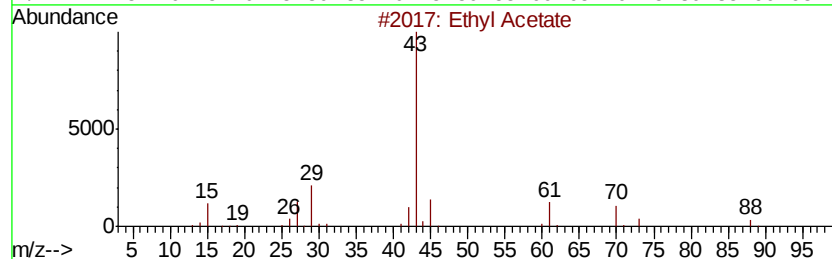
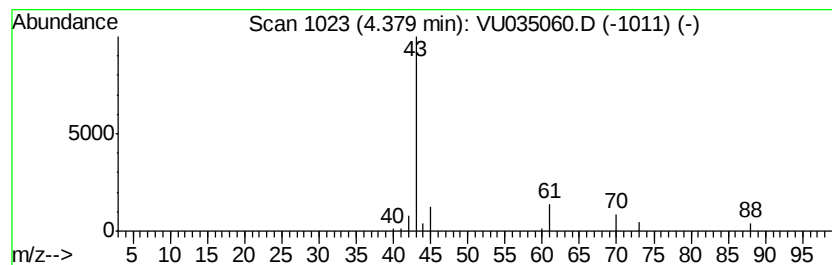
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Quant Title : TRACE VOA SOM01.0

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.        |      |
|-----------|-----------------|-------|---------------------|-------------|------|
| 4.38      | 0.50 ug/L       | 37647 | 1,4-Difluorobenzene | 5.86        |      |
| 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 | 90   |
| 3         | Ethyl Acetate   | 88    | C4H8O2              | 000141-78-6 | 90   |
| 4         | Ethyl Acetate   | 88    | C4H8O2              | 000141-78-6 | 83   |
| 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    | 4.38 | 0.5     | ug/L  | 37647    | 1                     | 5.86 | 376133 | 5.0  |