

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\  
 Data File : VU032238.D  
 Acq On : 22 May 2019 21:41  
 Operator : JC/SP  
 Sample : K2888-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BP0

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\SOMUTR052219WMA.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          | 108          | rVB      | 174404         | 183628        | 15.66%          | 1.788%        |
| 2         | 1.678       | 175           | 183         | 206          | rVB      | 149995         | 196429        | 16.75%          | 1.913%        |
| 3         | 2.270       | 354           | 367         | 380          | rBV      | 317268         | 488760        | 41.68%          | 4.759%        |
| 4         | 2.334       | 380           | 387         | 405          | rVB3     | 16187          | 34876         | 2.97%           | 0.340%        |
| 5         | 2.505       | 422           | 440         | 443          | rBV3     | 17975          | 43067         | 3.67%           | 0.419%        |
| 6         | 4.199       | 955           | 967         | 1002         | rBV      | 143582         | 426619        | 36.38%          | 4.154%        |
| 7         | 4.399       | 1017          | 1029        | 1053         | rBV3     | 50389          | 125924        | 10.74%          | 1.226%        |
| 8         | 4.643       | 1087          | 1105        | 1133         | rVB2     | 217051         | 522372        | 44.55%          | 5.086%        |
| 9         | 5.334       | 1297          | 1320        | 1341         | rBV3     | 429224         | 1172590       | 100.00%         | 11.417%       |
| 10        | 5.881       | 1475          | 1490        | 1519         | rBV2     | 414722         | 840034        | 71.64%          | 8.179%        |
| 11        | 6.328       | 1614          | 1629        | 1648         | rBV      | 259855         | 526465        | 44.90%          | 5.126%        |
| 12        | 7.225       | 1898          | 1908        | 1922         | rBV      | 113714         | 208954        | 17.82%          | 2.035%        |
| 13        | 7.559       | 2000          | 2012        | 2035         | rBV      | 525811         | 947211        | 80.78%          | 9.223%        |
| 14        | 7.852       | 2092          | 2103        | 2115         | rBV      | 64605          | 123209        | 10.51%          | 1.200%        |
| 15        | 8.222       | 2206          | 2218        | 2236         | rBV      | 165107         | 288742        | 24.62%          | 2.811%        |
| 16        | 8.315       | 2236          | 2247        | 2278         | rBV      | 573429         | 1113886       | 94.99%          | 10.846%       |
| 17        | 9.087       | 2474          | 2487        | 2514         | rBV      | 626938         | 1065912       | 90.90%          | 10.378%       |
| 18        | 10.427      | 2892          | 2904        | 2917         | rBV2     | 199726         | 327355        | 27.92%          | 3.187%        |
| 19        | 11.482      | 3220          | 3232        | 3255         | rBV      | 506025         | 854589        | 72.88%          | 8.321%        |
| 20        | 11.858      | 3332          | 3349        | 3370         | rBV      | 445040         | 779821        | 66.50%          | 7.593%        |

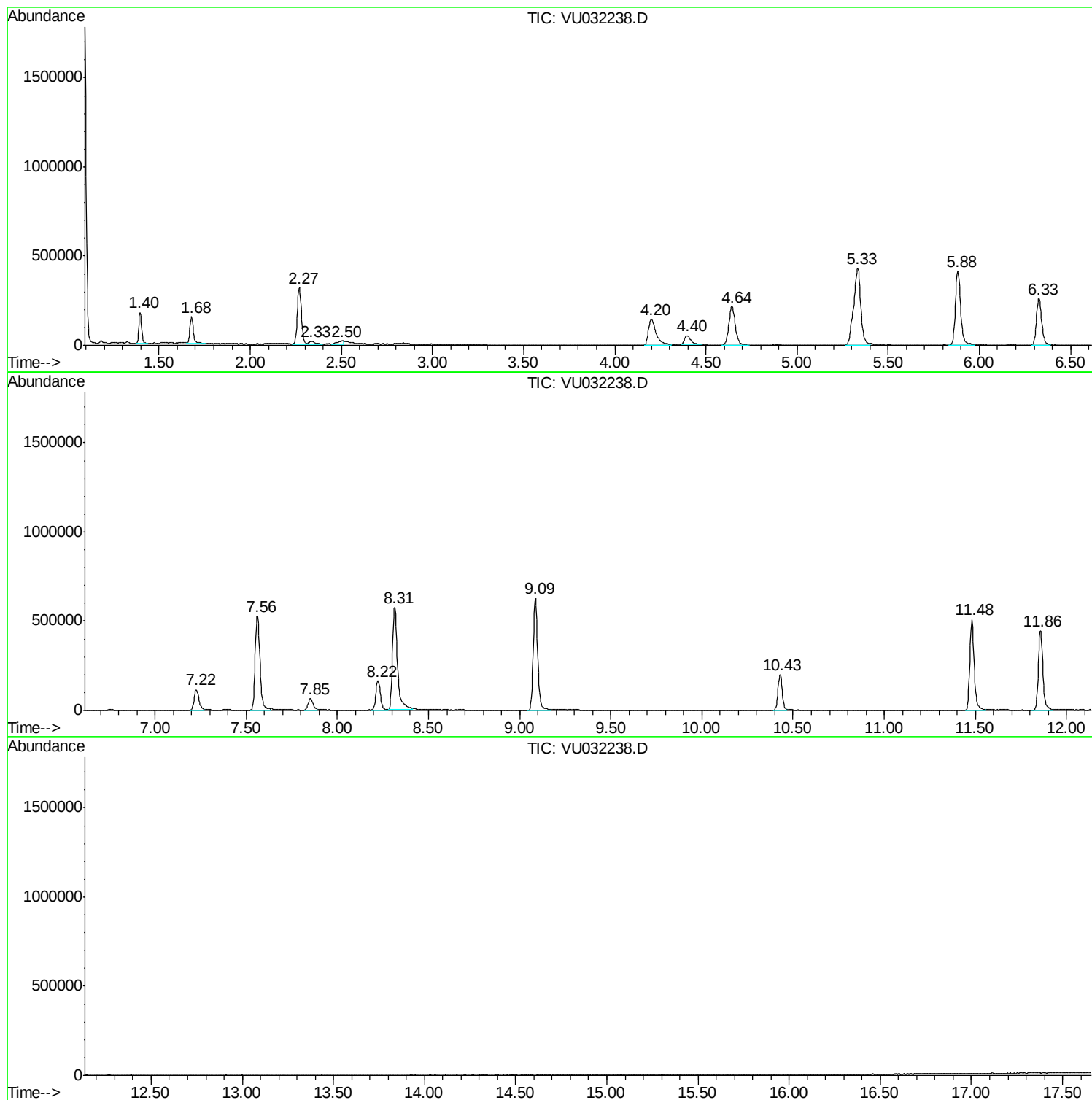
Sum of corrected areas: 10270443

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR052219WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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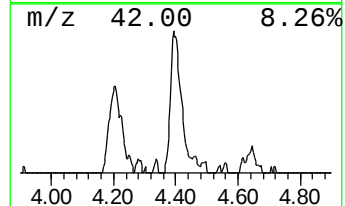
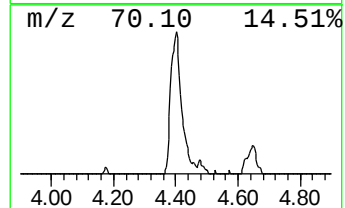
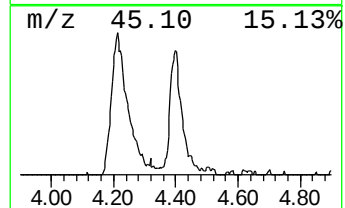
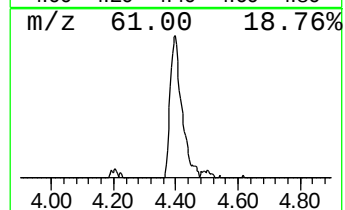
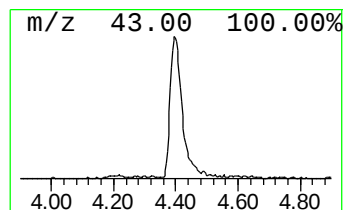
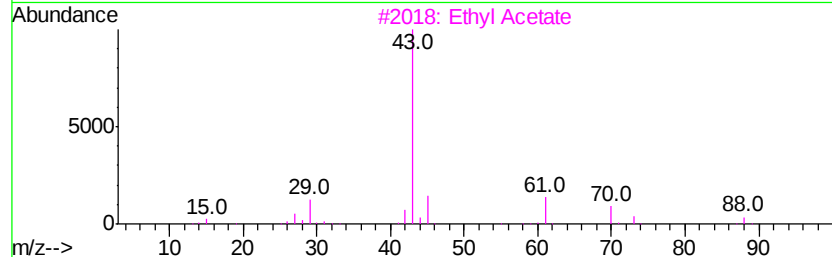
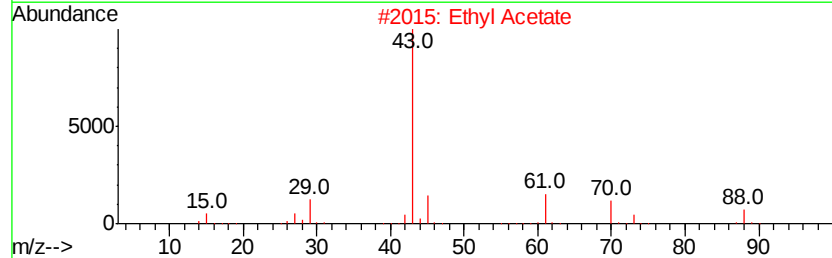
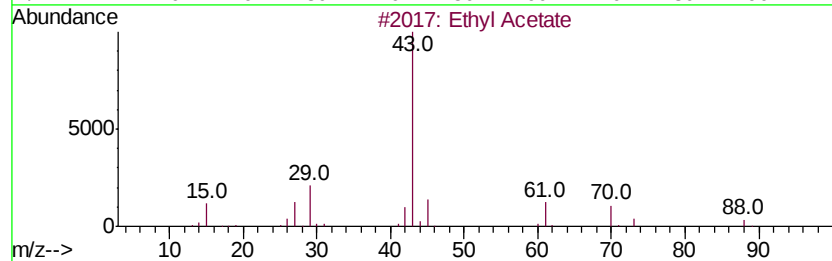
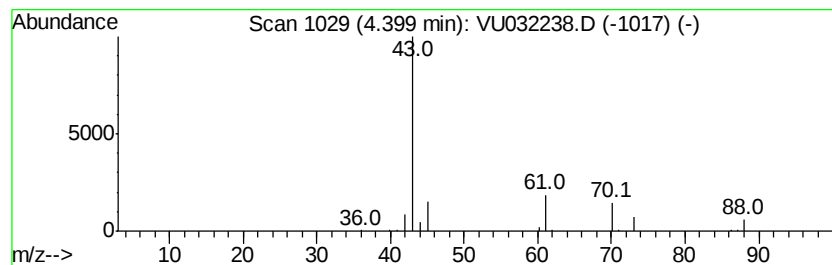
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.40 | 0.75 ug/L | 125924 | 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 | 86   |
| 4    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 64   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethyl Acetate    | 4.40 | 0.8     | ug/L  | 125924   | 1                     | 5.88 | 840034 | 5.0  |