

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101119\  
 Data File : VU035054.D  
 Acq On : 10 Oct 2019 17:46  
 Operator : JC/SP  
 Sample : K5309-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TB-2-191007-01

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          | 107          | rVB      | 53733          | 65971         | 11.31%          | 1.421%        |
| 2         | 1.469       | 113           | 118         | 125          | rBV      | 10204          | 10762         | 1.85%           | 0.232%        |
| 3         | 1.675       | 174           | 182         | 194          | rVB      | 53656          | 66844         | 11.46%          | 1.440%        |
| 4         | 2.260       | 355           | 364         | 374          | rBV      | 93776          | 141263        | 24.22%          | 3.043%        |
| 5         | 2.312       | 374           | 380         | 394          | rVB2     | 14507          | 24794         | 4.25%           | 0.534%        |
| 6         | 2.434       | 411           | 418         | 426          | rBV2     | 7050           | 10793         | 1.85%           | 0.232%        |
| 7         | 4.170       | 942           | 958         | 993          | rBV      | 81611          | 240585        | 41.25%          | 5.182%        |
| 8         | 4.376       | 1012          | 1022        | 1048         | rVB      | 15930          | 42214         | 7.24%           | 0.909%        |
| 9         | 4.624       | 1082          | 1099        | 1123         | rBV      | 84229          | 219053        | 37.56%          | 4.718%        |
| 10        | 5.315       | 1293          | 1314        | 1358         | rBV2     | 169382         | 499525        | 85.64%          | 10.760%       |
| 11        | 5.865       | 1471          | 1485        | 1510         | rBV      | 186957         | 388400        | 66.59%          | 8.366%        |
| 12        | 6.308       | 1610          | 1623        | 1643         | rBV      | 118008         | 248066        | 42.53%          | 5.343%        |
| 13        | 7.212       | 1891          | 1904        | 1921         | rBV      | 46573          | 92412         | 15.84%          | 1.991%        |
| 14        | 7.546       | 1996          | 2008        | 2022         | rBV      | 199619         | 364097        | 62.42%          | 7.843%        |
| 15        | 7.620       | 2022          | 2031        | 2054         | rVB      | 37258          | 74308         | 12.74%          | 1.601%        |
| 16        | 7.839       | 2088          | 2099        | 2120         | rBV      | 25541          | 52367         | 8.98%           | 1.128%        |
| 17        | 8.164       | 2190          | 2200        | 2212         | rVB3     | 4153           | 7487          | 1.28%           | 0.161%        |
| 18        | 8.302       | 2231          | 2243        | 2283         | rBV      | 204110         | 583278        | 100.00%         | 12.564%       |
| 19        | 9.074       | 2470          | 2483        | 2507         | rBV      | 266845         | 497067        | 85.22%          | 10.707%       |
| 20        | 9.234       | 2523          | 2533        | 2545         | rVB      | 9112           | 15530         | 2.66%           | 0.335%        |
| 21        | 9.360       | 2561          | 2572        | 2594         | rVB2     | 12534          | 22137         | 3.80%           | 0.477%        |
| 22        | 9.778       | 2688          | 2702        | 2722         | rBV7     | 14479          | 37622         | 6.45%           | 0.810%        |
| 23        | 10.414      | 2887          | 2900        | 2920         | rBV2     | 103418         | 180439        | 30.94%          | 3.887%        |
| 24        | 10.598      | 2942          | 2957        | 2970         | rBV4     | 6397           | 12454         | 2.14%           | 0.268%        |
| 25        | 11.469      | 3214          | 3228        | 3251         | rBV      | 203369         | 399515        | 68.49%          | 8.606%        |
| 26        | 11.842      | 3332          | 3344        | 3373         | rBV      | 183928         | 345561        | 59.24%          | 7.443%        |

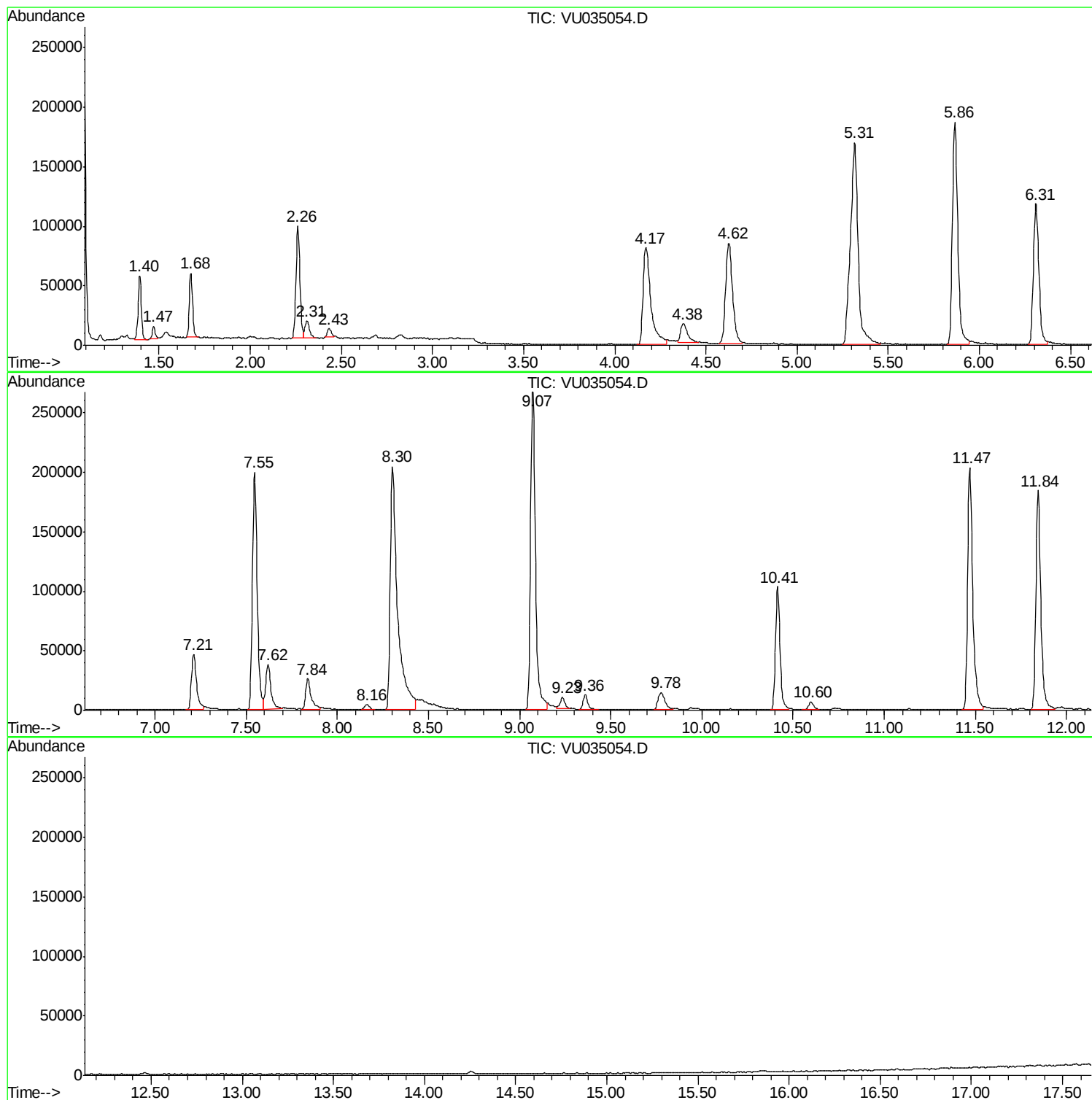
Sum of corrected areas: 4642544

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101119\  
Data File : VU035054.D  
Acq On : 10 Oct 2019 17:46  
Operator : JC/SP  
Sample : K5309-20  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TB-2-191007-01

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101119\  
Data File : VU035054.D  
Acq On : 10 Oct 2019 17:46  
Operator : JC/SP  
Sample : K5309-20  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TB-2-191007-01

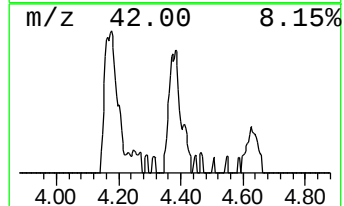
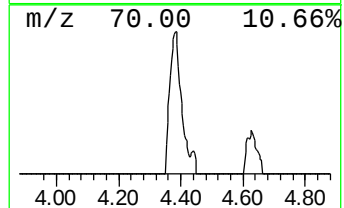
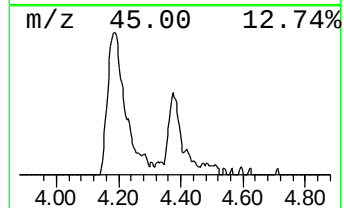
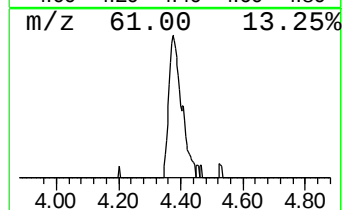
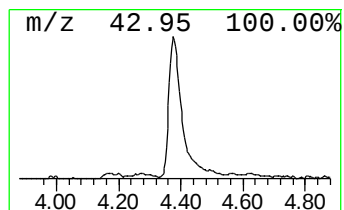
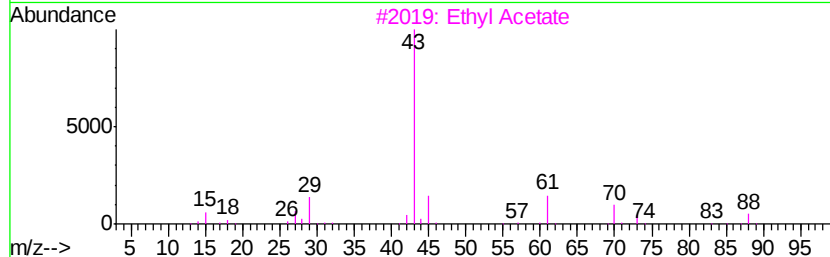
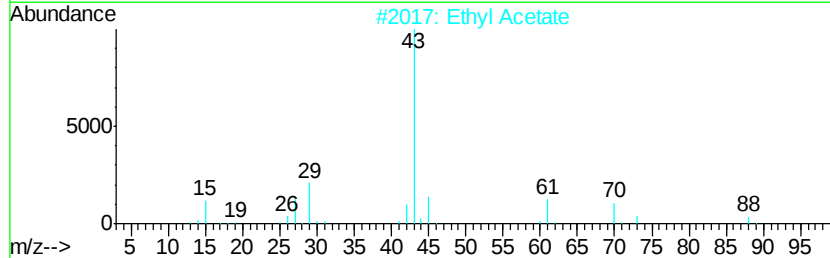
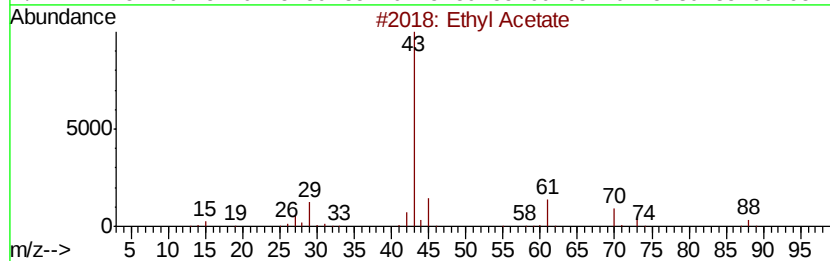
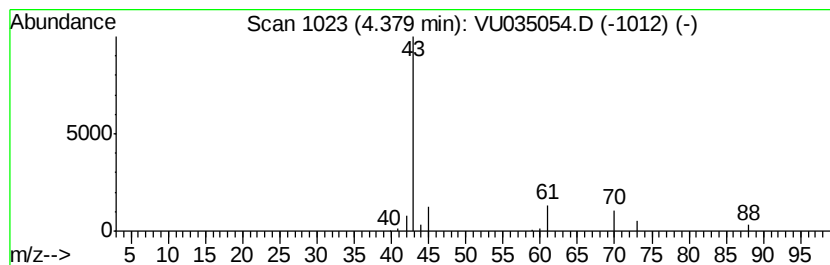
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0

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

\*\*\*\*\*  
Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.38 | 0.54 ug/L | 42214 | 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 | 83   |
| 4    |    |   | Ethyl Acetate             | 88 | C4H8O2  | 000141-78-6 | 83   |
| 5    |    |   | Propanoic acid, 2-methyl- | 88 | C4H8O2  | 000079-31-2 | 9    |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101119\  
Data File : VU035054.D  
Acq On : 10 Oct 2019 17:46  
Operator : JC/SP  
Sample : K5309-20  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
TB-2-191007-01

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

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

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethyl Acetate    | 4.38 | 0.5     | ug/L  | 42214    | 1                     | 5.86 | 388400 | 5.0  |