

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101419\  
 Data File : VU035168.D  
 Acq On : 14 Oct 2019 22:39  
 Operator : JC/SP  
 Sample : K5317-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CE5

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         | 1.392       | 87            | 94          | 107          | rVB      | 65608          | 71983         | 12.71%          | 1.467%        |
| 2         | 1.672       | 173           | 181         | 199          | rVB      | 65713          | 84084         | 14.85%          | 1.713%        |
| 3         | 2.260       | 354           | 364         | 376          | rBV      | 109859         | 166748        | 29.45%          | 3.397%        |
| 4         | 2.482       | 421           | 433         | 463          | rVB2     | 12658          | 49608         | 8.76%           | 1.011%        |
| 5         | 4.183       | 948           | 962         | 997          | rBV      | 77199          | 257267        | 45.44%          | 5.241%        |
| 6         | 4.624       | 1082          | 1099        | 1133         | rBV3     | 81597          | 222898        | 39.37%          | 4.541%        |
| 7         | 5.315       | 1290          | 1314        | 1345         | rBV2     | 176078         | 501928        | 88.65%          | 10.226%       |
| 8         | 5.865       | 1467          | 1485        | 1511         | rBV      | 177923         | 365705        | 64.59%          | 7.451%        |
| 9         | 6.308       | 1609          | 1623        | 1643         | rBV2     | 124686         | 256469        | 45.30%          | 5.225%        |
| 10        | 7.212       | 1891          | 1904        | 1930         | rBV      | 49700          | 99834         | 17.63%          | 2.034%        |
| 11        | 7.546       | 1992          | 2008        | 2032         | rBV      | 204779         | 378449        | 66.84%          | 7.710%        |
| 12        | 7.836       | 2089          | 2098        | 2126         | rBV      | 27365          | 58366         | 10.31%          | 1.189%        |
| 13        | 8.167       | 2185          | 2201        | 2203         | rBV2     | 6791           | 10690         | 1.89%           | 0.218%        |
| 14        | 8.206       | 2203          | 2213        | 2233         | rVB      | 252938         | 430814        | 76.09%          | 8.777%        |
| 15        | 8.302       | 2233          | 2243        | 2279         | rBV      | 241060         | 566179        | 100.00%         | 11.535%       |
| 16        | 9.070       | 2468          | 2482        | 2512         | rBV      | 273887         | 492052        | 86.91%          | 10.025%       |
| 17        | 10.414      | 2889          | 2900        | 2930         | rBV      | 100238         | 175763        | 31.04%          | 3.581%        |
| 18        | 10.594      | 2944          | 2956        | 2968         | rBV4     | 10518          | 19041         | 3.36%           | 0.388%        |
| 19        | 11.469      | 3216          | 3228        | 3253         | rBV      | 193850         | 373893        | 66.04%          | 7.617%        |
| 20        | 11.842      | 3331          | 3344        | 3369         | rBV      | 175537         | 326581        | 57.68%          | 6.654%        |

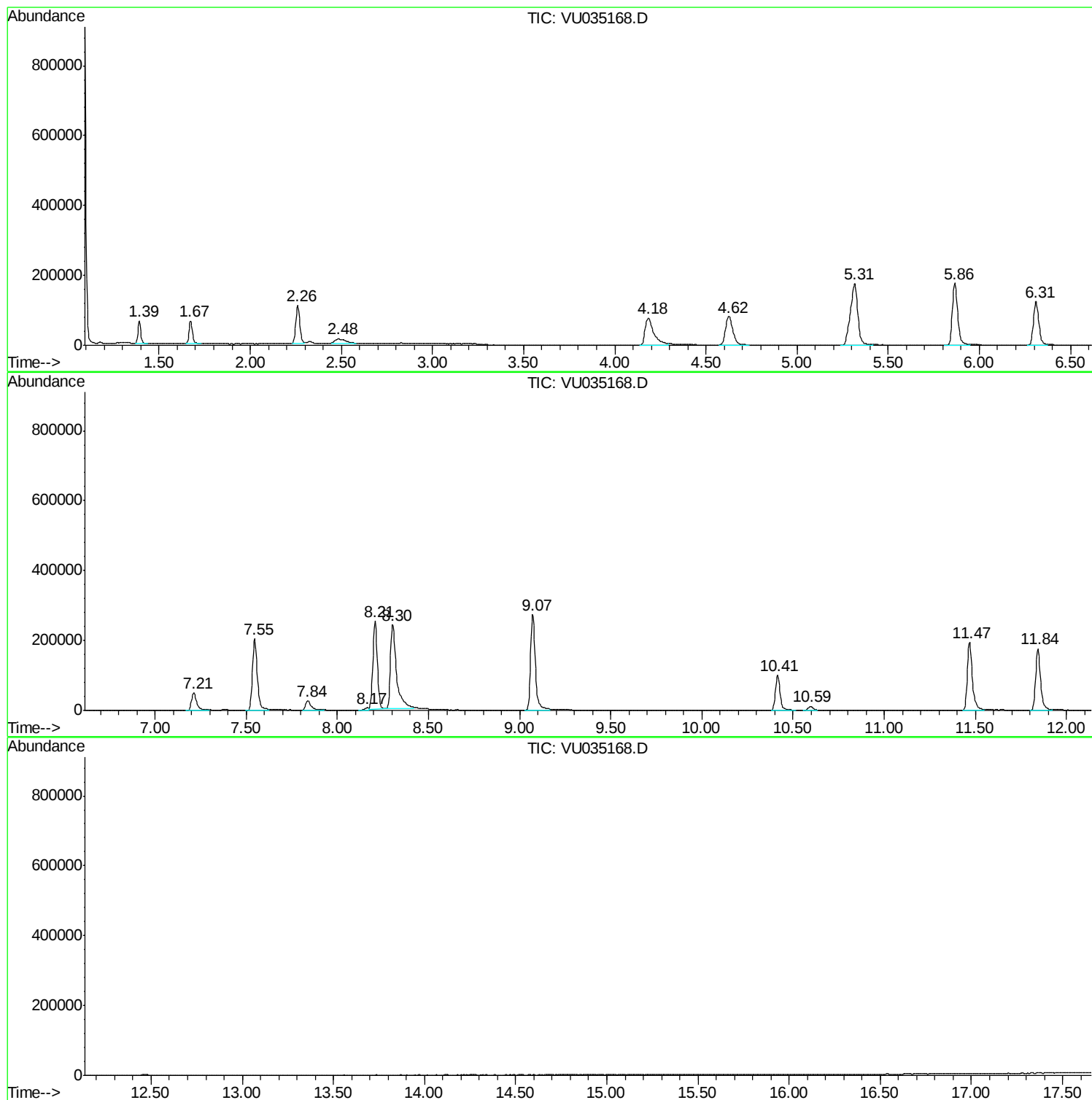
Sum of corrected areas: 4908352

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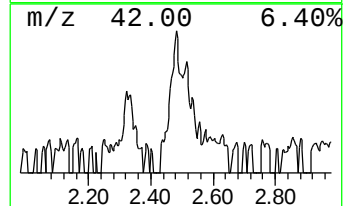
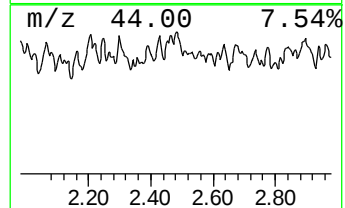
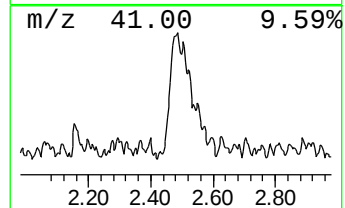
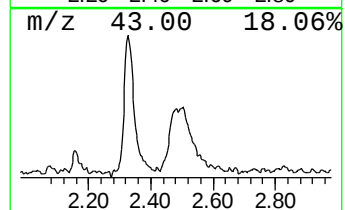
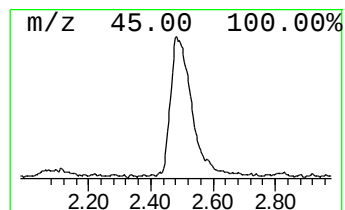
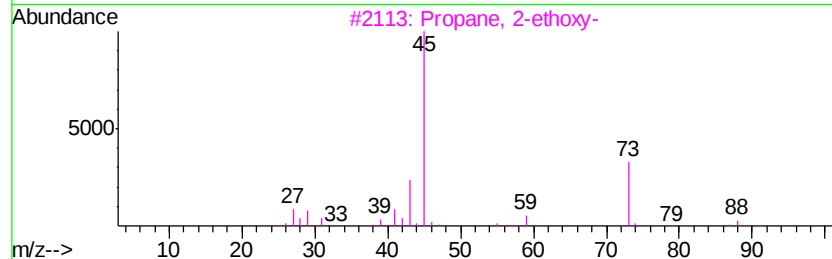
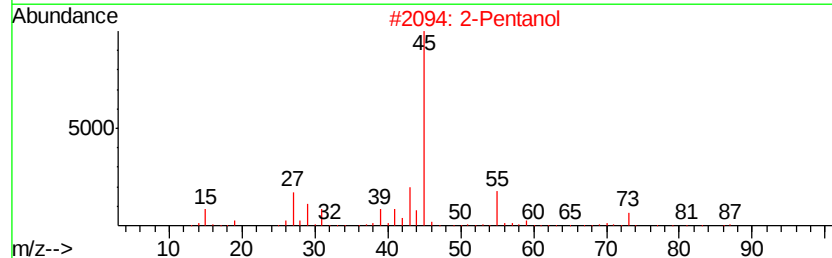
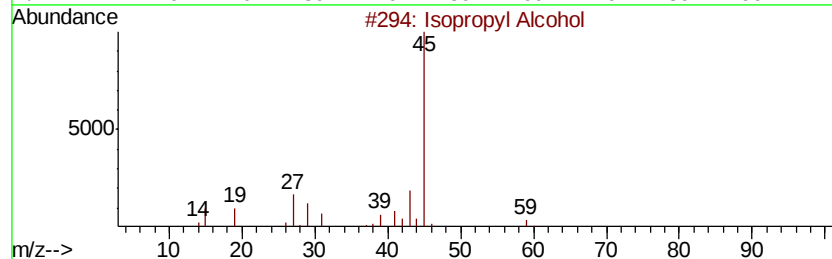
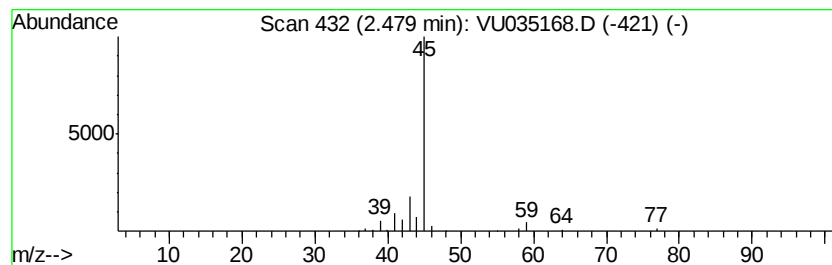
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.48 | 0.68 ug/L | 49608 | 1,4-Difluorobenzene | 5.86 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60  | C3H8O   | 000067-63-0 | 56   |
| 2    |    | 2-Pentanol         | 88  | C5H12O  | 006032-29-7 | 40   |
| 3    |    | Propane, 2-ethoxy- | 88  | C5H12O  | 000625-54-7 | 9    |
| 4    |    | 3-Ethyl-2-pentanol | 116 | C7H16O  | 000609-27-8 | 9    |
| 5    |    | Isopropyl Alcohol  | 60  | C3H8O   | 000067-63-0 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.48 | 0.7     | ug/L  | 49608    | 1                     | 5.86 | 365705 | 5.0  |