

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\  
 Data File : VV006778.D  
 Acq On : 31 Jul 2018 11:24  
 Operator : SY/MD  
 Sample : J4225-05  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWP2

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\_V\METHOD\SOMVTR072318WMA.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         | 1.029       | 28            | 43          | 67           | rBV      | 2870486        | 3537483       | 100.00%         | 44.685%       |
| 2         | 1.318       | 125           | 133         | 152          | rVB      | 71130          | 90835         | 2.57%           | 1.147%        |
| 3         | 1.578       | 207           | 214         | 227          | rVB      | 62538          | 78626         | 2.22%           | 0.993%        |
| 4         | 2.132       | 376           | 386         | 396          | rBV      | 127229         | 178115        | 5.04%           | 2.250%        |
| 5         | 2.308       | 432           | 441         | 457          | rVB      | 31721          | 54246         | 1.53%           | 0.685%        |
| 6         | 3.945       | 932           | 950         | 990          | rBV2     | 89902          | 269027        | 7.61%           | 3.398%        |
| 7         | 4.405       | 1075          | 1093        | 1118         | rBV      | 92309          | 219966        | 6.22%           | 2.779%        |
| 8         | 5.096       | 1288          | 1308        | 1331         | rBV2     | 218647         | 510119        | 14.42%          | 6.444%        |
| 9         | 5.665       | 1469          | 1485        | 1506         | rBV      | 201690         | 397555        | 11.24%          | 5.022%        |
| 10        | 6.122       | 1612          | 1627        | 1645         | rBV2     | 127807         | 251009        | 7.10%           | 3.171%        |
| 11        | 7.032       | 1892          | 1910        | 1930         | rBV      | 53055          | 91089         | 2.57%           | 1.151%        |
| 12        | 7.363       | 1997          | 2013        | 2028         | rBV      | 225130         | 386193        | 10.92%          | 4.878%        |
| 13        | 7.668       | 2093          | 2108        | 2124         | rBV      | 31135          | 50550         | 1.43%           | 0.639%        |
| 14        | 8.138       | 2241          | 2254        | 2281         | rBV      | 282639         | 502173        | 14.20%          | 6.343%        |
| 15        | 8.900       | 2479          | 2491        | 2521         | rBV      | 287175         | 464199        | 13.12%          | 5.864%        |
| 16        | 10.266      | 2905          | 2916        | 2931         | rBV      | 94089          | 145141        | 4.10%           | 1.833%        |
| 17        | 11.298      | 3226          | 3237        | 3262         | rBV      | 217012         | 371800        | 10.51%          | 4.696%        |
| 18        | 11.678      | 3343          | 3355        | 3377         | rVB      | 188136         | 318427        | 9.00%           | 4.022%        |

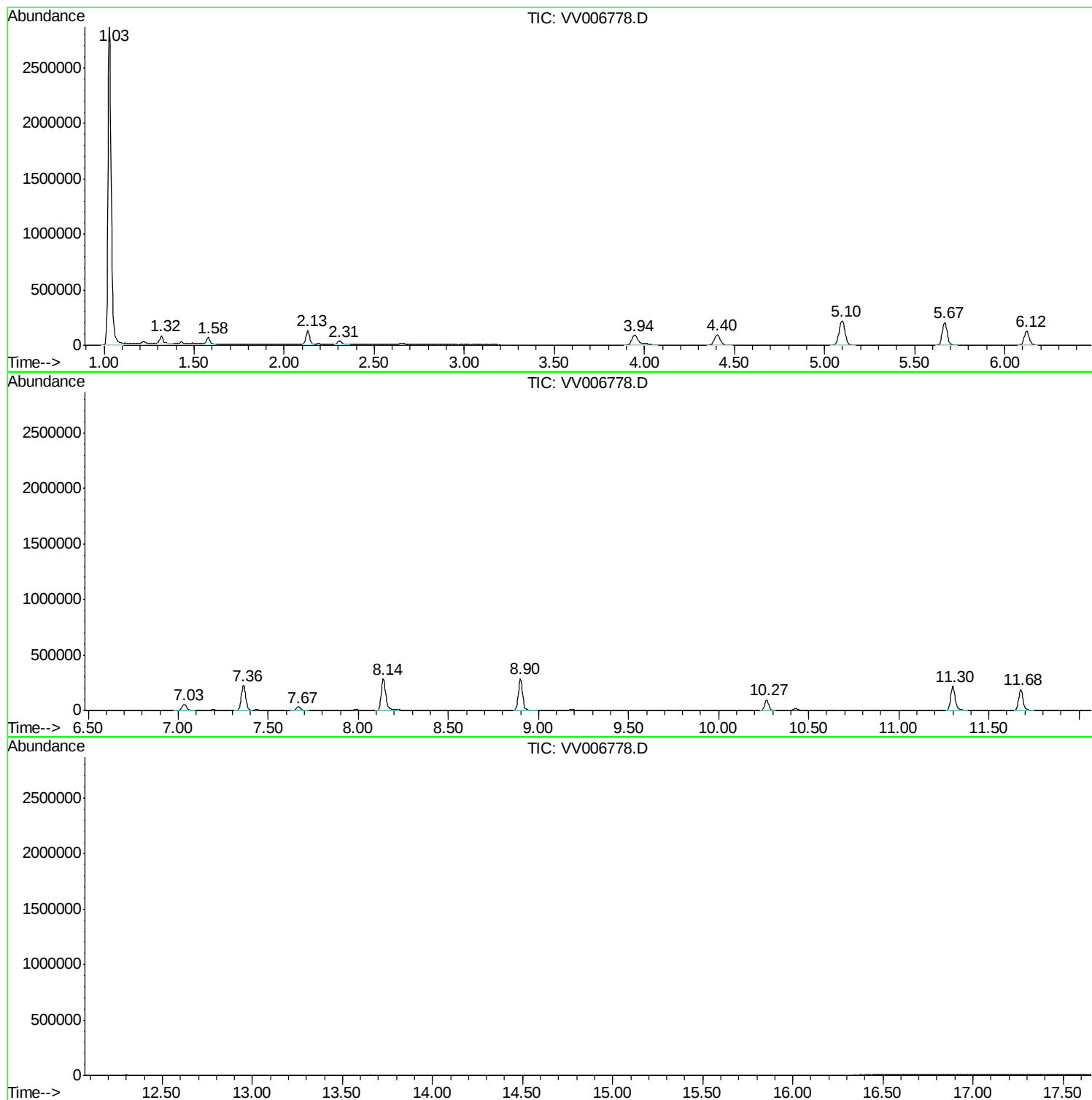
Sum of corrected areas: 7916553

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072318WMA.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

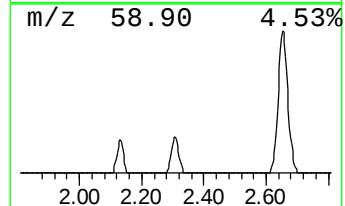
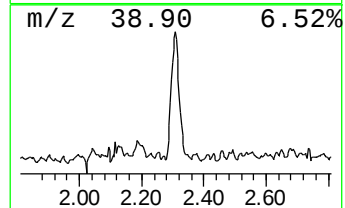
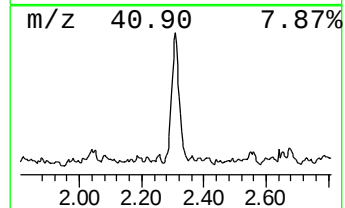
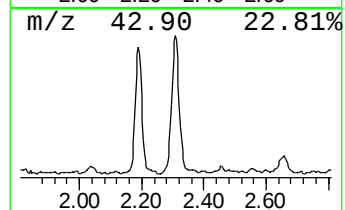
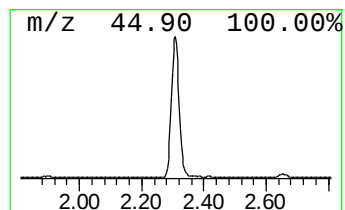
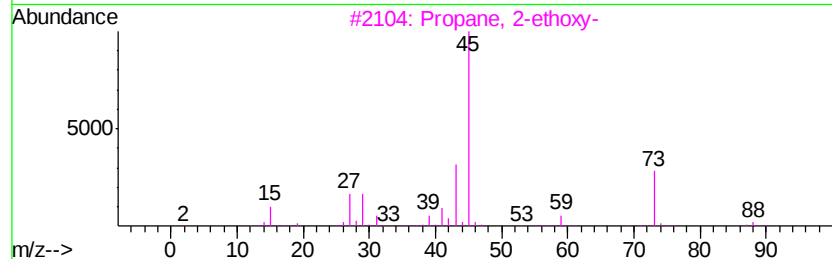
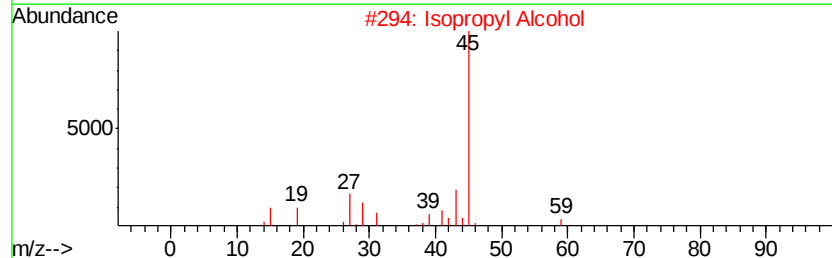
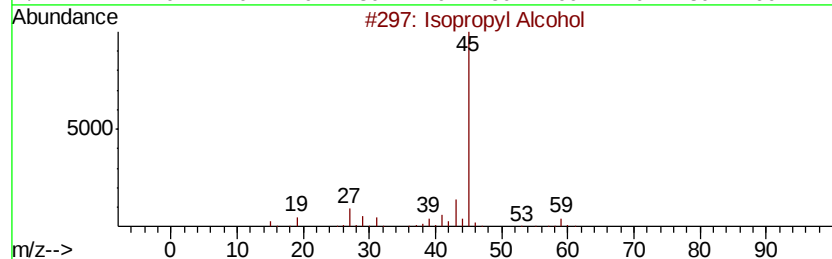
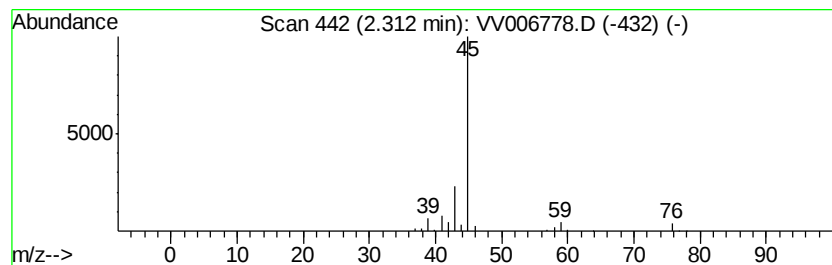
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 TIC Integration Parameters: LSCINT.P

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 Peak Number 2 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.31 | 0.68 ug/L | 54246 | 1,4-Difluorobenzene | 5.67 |

| Hit# of | 5 | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|---------|---|----------------------------------|----|---------|-------------|------|
| 1       |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 80   |
| 2       |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 72   |
| 3       |   | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 56   |
| 4       |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 50   |
| 5       |   | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 40   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.31 | 0.7     | ug/L  | 54246    | 1                     | 5.67 | 397555 | 5.0  |