

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112719\  
 Data File : VU035895.D  
 Acq On : 27 Nov 2019 14:34  
 Operator : JC/SP  
 Sample : K6057-13  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AB2

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\SOMUTR112119WMA.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         | 1.617       | 78            | 86          | 96           | rBV      | 199574         | 218692        | 6.25%           | 1.581%        |
| 2         | 1.932       | 177           | 184         | 198          | rVB      | 182490         | 233131        | 6.66%           | 1.685%        |
| 3         | 2.594       | 372           | 390         | 405          | rBV      | 263031         | 449792        | 12.85%          | 3.251%        |
| 4         | 2.806       | 441           | 456         | 470          | rBV      | 49944          | 103493        | 2.96%           | 0.748%        |
| 5         | 3.234       | 574           | 589         | 606          | rBV      | 58789          | 134553        | 3.84%           | 0.973%        |
| 6         | 4.694       | 1022          | 1043        | 1091         | rBV3     | 199593         | 738256        | 21.08%          | 5.336%        |
| 7         | 5.115       | 1157          | 1174        | 1199         | rBV      | 232672         | 564974        | 16.14%          | 4.084%        |
| 8         | 5.771       | 1358          | 1378        | 1401         | rBV2     | 479492         | 1263090       | 36.07%          | 9.130%        |
| 9         | 6.292       | 1525          | 1540        | 1560         | rBV      | 306868         | 602762        | 17.21%          | 4.357%        |
| 10        | 6.584       | 1615          | 1631        | 1645         | rBV6     | 20303          | 40824         | 1.17%           | 0.295%        |
| 11        | 6.732       | 1661          | 1677        | 1704         | rBV      | 308991         | 632263        | 18.06%          | 4.570%        |
| 12        | 7.604       | 1933          | 1948        | 1972         | rBV      | 128966         | 257752        | 7.36%           | 1.863%        |
| 13        | 7.935       | 2036          | 2051        | 2066         | rBV      | 483719         | 880414        | 25.14%          | 6.364%        |
| 14        | 8.214       | 2126          | 2138        | 2166         | rBV      | 77763          | 162719        | 4.65%           | 1.176%        |
| 15        | 8.584       | 2239          | 2253        | 2271         | rBV      | 2008701        | 3501504       | 100.00%         | 25.309%       |
| 16        | 8.687       | 2272          | 2285        | 2330         | rVB2     | 447795         | 1568537       | 44.80%          | 11.337%       |
| 17        | 9.449       | 2508          | 2522        | 2557         | rBV      | 464774         | 904673        | 25.84%          | 6.539%        |
| 18        | 9.636       | 2570          | 2580        | 2597         | rVB2     | 18270          | 37283         | 1.06%           | 0.269%        |
| 19        | 10.787      | 2926          | 2938        | 2957         | rBV      | 240259         | 422221        | 12.06%          | 3.052%        |
| 20        | 11.841      | 3254          | 3266        | 3282         | rBV      | 309765         | 551173        | 15.74%          | 3.984%        |
| 21        | 12.221      | 3371          | 3384        | 3399         | rBV      | 324599         | 567100        | 16.20%          | 4.099%        |

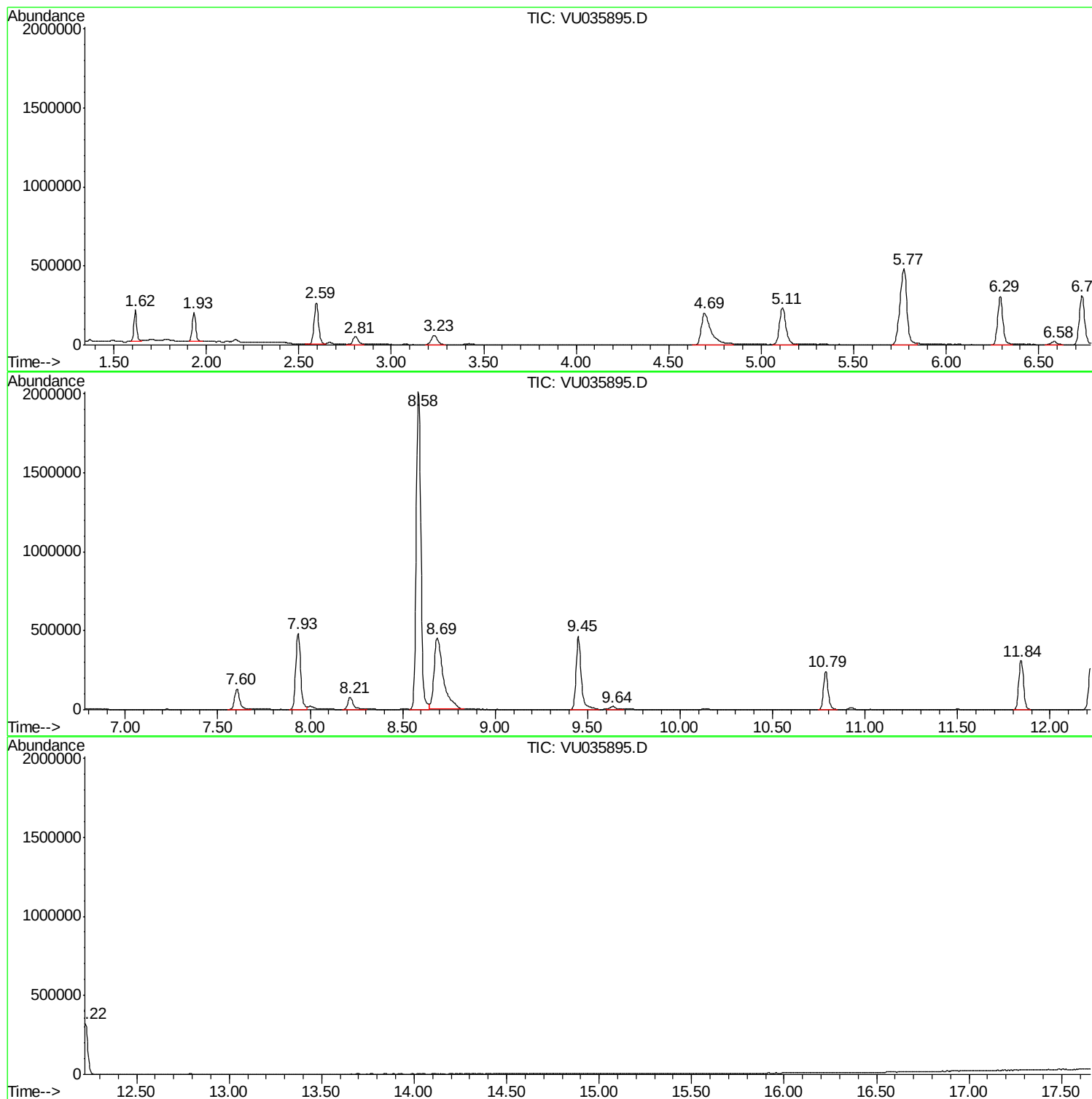
Sum of corrected areas: 13835206

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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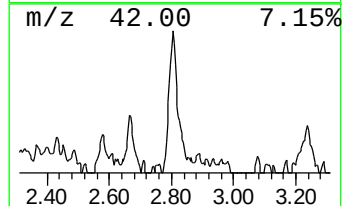
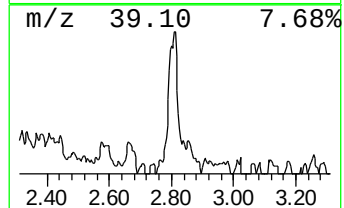
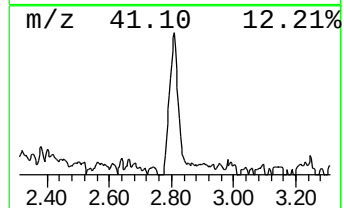
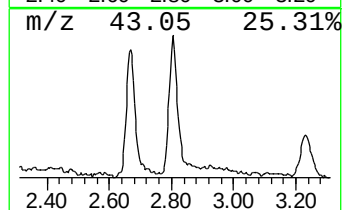
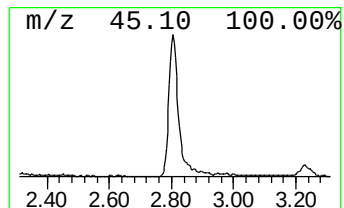
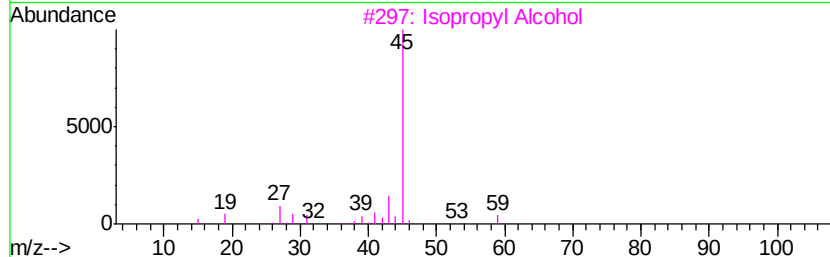
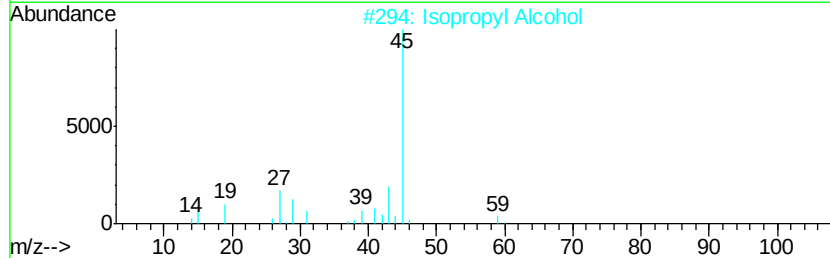
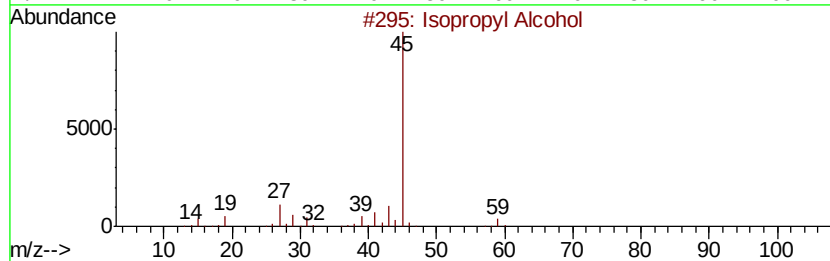
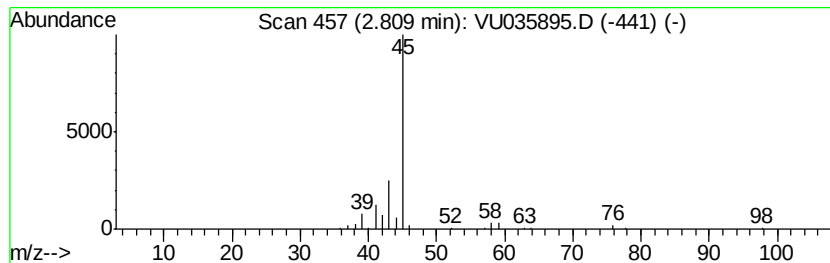
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.81 | 0.86 ug/L | 103493 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|----------------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 56   |
| 4    |    | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 40   |
| 5    |    | Propylene Glycol                 | 76 | C3H8O2  | 000057-55-6 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.81 | 0.9     | ug/L  | 103493   | 1                     | 6.29 | 602762 | 5.0  |