

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\  
 Data File : VU038178.D  
 Acq On : 14 May 2020 18:37  
 Operator : JC/MD  
 Sample : L2653-02  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AE1

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\SOMUTR050720WMA.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         | 1.613       | 76            | 85          | 99           | rBV      | 147795         | 167340        | 9.39%           | 1.457%        |
| 2         | 1.932       | 175           | 184         | 199          | rVB      | 143583         | 186938        | 10.49%          | 1.627%        |
| 3         | 2.591       | 377           | 389         | 403          | rBV      | 226250         | 371951        | 20.87%          | 3.238%        |
| 4         | 2.662       | 403           | 411         | 426          | rVB2     | 11717          | 22234         | 1.25%           | 0.194%        |
| 5         | 2.825       | 446           | 462         | 499          | rBV2     | 34972          | 133887        | 7.51%           | 1.166%        |
| 6         | 4.668       | 1018          | 1035        | 1062         | rBV      | 268899         | 690441        | 38.74%          | 6.011%        |
| 7         | 4.954       | 1113          | 1124        | 1139         | rVB2     | 15742          | 31795         | 1.78%           | 0.277%        |
| 8         | 5.102       | 1152          | 1170        | 1191         | rBV      | 231744         | 504711        | 28.32%          | 4.394%        |
| 9         | 5.761       | 1352          | 1375        | 1405         | rBV2     | 462922         | 1226794       | 68.84%          | 10.680%       |
| 10        | 6.279       | 1523          | 1536        | 1567         | rBV      | 413457         | 791601        | 44.42%          | 6.891%        |
| 11        | 6.565       | 1611          | 1625        | 1638         | rBV8     | 12021          | 28966         | 1.63%           | 0.252%        |
| 12        | 6.719       | 1659          | 1673        | 1693         | rBV      | 304027         | 590120        | 33.11%          | 5.137%        |
| 13        | 7.591       | 1931          | 1944        | 1960         | rBV      | 147348         | 260197        | 14.60%          | 2.265%        |
| 14        | 7.922       | 2033          | 2047        | 2063         | rBV      | 560791         | 979395        | 54.96%          | 8.526%        |
| 15        | 8.201       | 2121          | 2134        | 2147         | rBV      | 92907          | 155964        | 8.75%           | 1.358%        |
| 16        | 8.491       | 2212          | 2224        | 2236         | rVB2     | 11378          | 20247         | 1.14%           | 0.176%        |
| 17        | 8.655       | 2261          | 2275        | 2311         | rBV      | 967344         | 1782092       | 100.00%         | 15.514%       |
| 18        | 8.806       | 2312          | 2322        | 2331         | rVV2     | 33708          | 51809         | 2.91%           | 0.451%        |
| 19        | 9.436       | 2504          | 2518        | 2540         | rBV      | 599112         | 1000449       | 56.14%          | 8.710%        |
| 20        | 10.095      | 2711          | 2723        | 2738         | rBV3     | 22630          | 42996         | 2.41%           | 0.374%        |
| 21        | 10.771      | 2920          | 2933        | 2950         | rBV      | 245837         | 392800        | 22.04%          | 3.420%        |
| 22        | 10.902      | 2963          | 2974        | 2985         | rBV4     | 16306          | 27398         | 1.54%           | 0.239%        |
| 23        | 11.822      | 3248          | 3260        | 3276         | rVB      | 616402         | 971830        | 54.53%          | 8.460%        |
| 24        | 12.079      | 3326          | 3340        | 3355         | rBV4     | 12185          | 29064         | 1.63%           | 0.253%        |
| 25        | 12.205      | 3367          | 3379        | 3392         | rBV      | 577371         | 912295        | 51.19%          | 7.942%        |
| 26        | 12.796      | 3551          | 3563        | 3573         | rBV2     | 15517          | 24097         | 1.35%           | 0.210%        |
| 27        | 12.909      | 3587          | 3598        | 3610         | rBV2     | 58320          | 89344         | 5.01%           | 0.778%        |

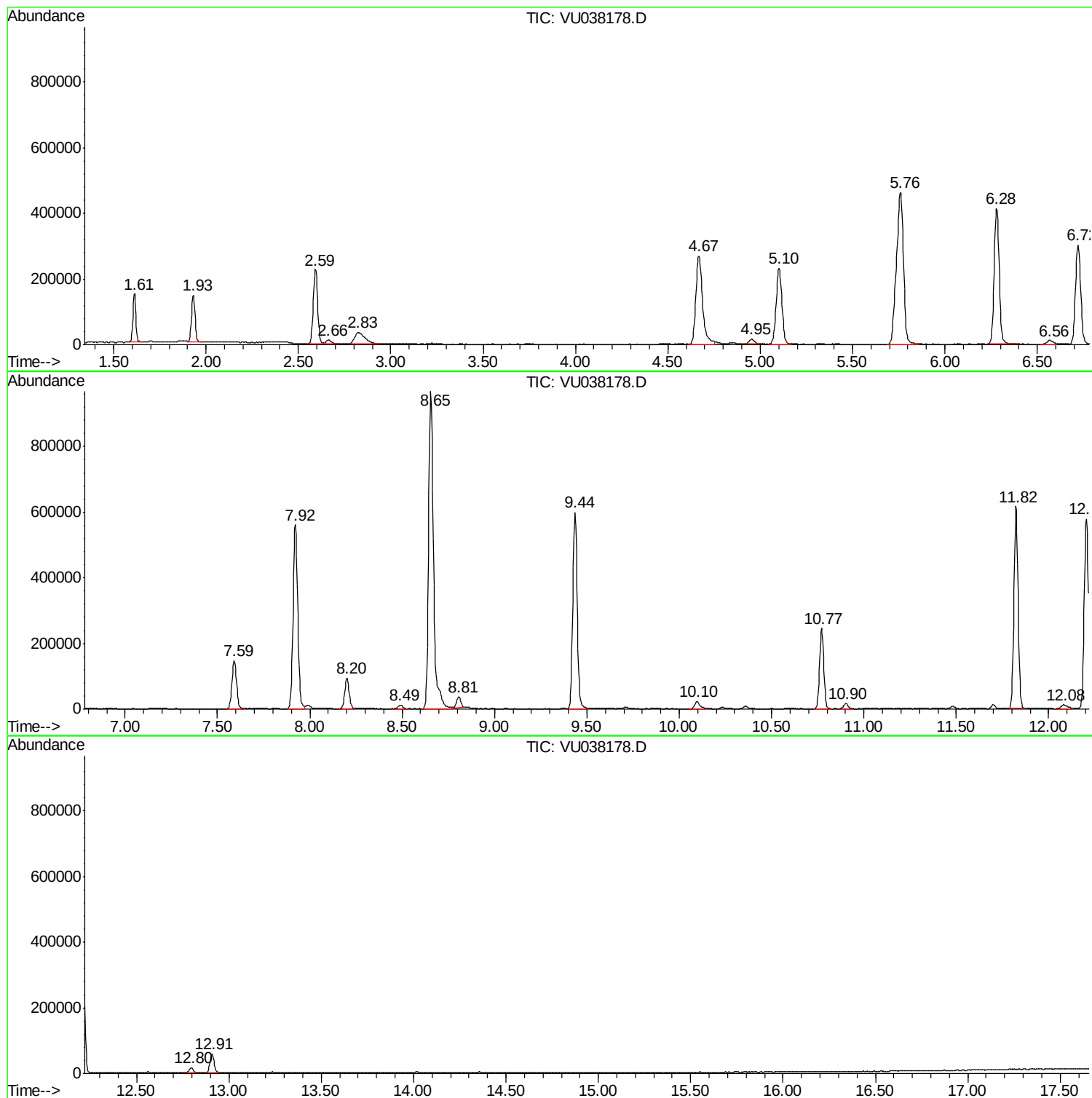
Sum of corrected areas: 11486755

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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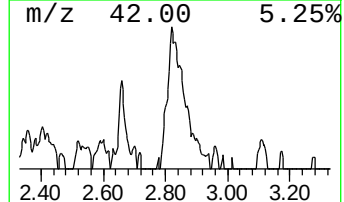
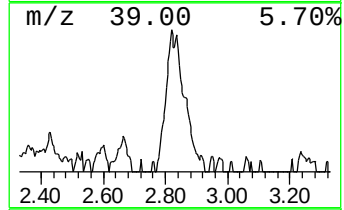
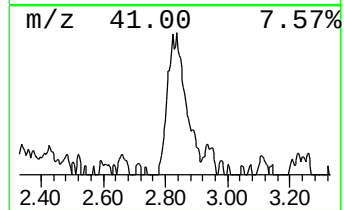
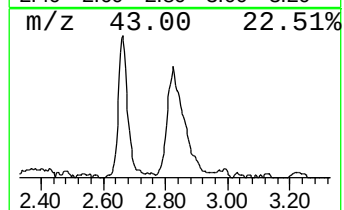
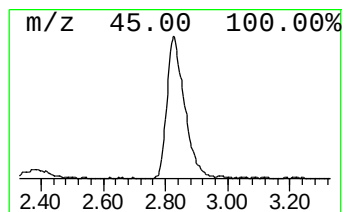
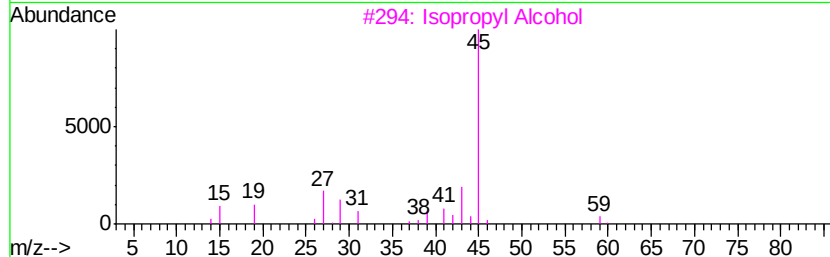
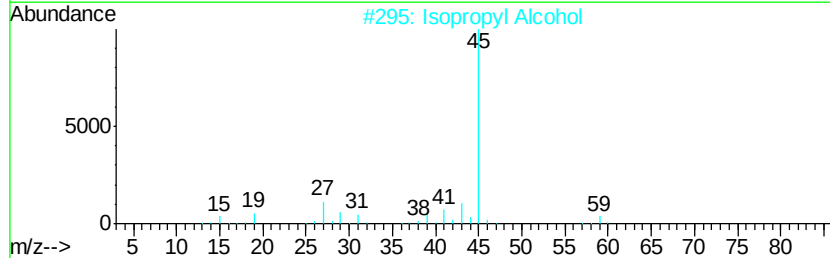
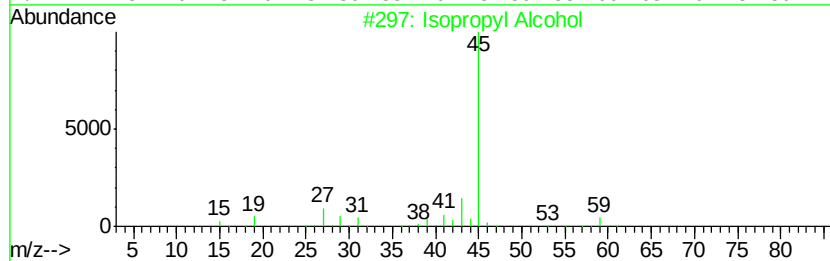
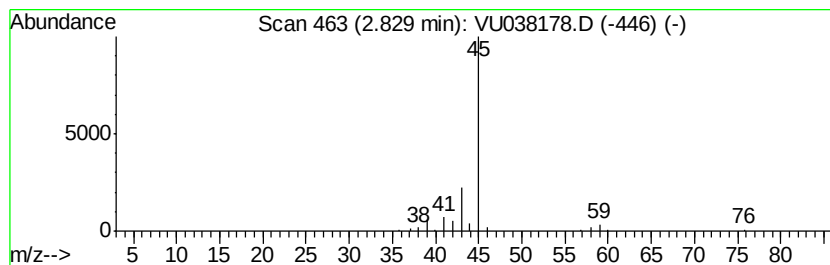
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.83 | 0.85 ug/L | 133887 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | 5 | Tentative ID          | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|----|---------|-------------|------|
| 1    |    |   | 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 | 78   |
| 4    |    |   | Isopropyl Alcohol     | 60 | C3H8O   | 000067-63-0 | 72   |
| 5    |    |   | R-(-)-1,2-propanediol | 76 | C3H8O2  | 004254-14-2 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.83 | 0.8     | ug/L  | 133887   | 1                     | 6.28 | 791601 | 5.0  |