

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\  
 Data File : VU029597.D  
 Acq On : 21 Feb 2019 15:00  
 Operator : JC/SP  
 Sample : K1531-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0TS0

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\SOMUTR022119WMA.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         | 1.183       | 23            | 29          | 36           | rBV      | 9327           | 8990          | 1.08%           | 0.122%        |
| 2         | 1.296       | 58            | 64          | 70           | rBV5     | 6377           | 9409          | 1.13%           | 0.127%        |
| 3         | 1.395       | 85            | 95          | 109          | rBV      | 116075         | 143423        | 17.18%          | 1.942%        |
| 4         | 1.473       | 113           | 119         | 132          | rVV      | 16013          | 21773         | 2.61%           | 0.295%        |
| 5         | 1.547       | 136           | 142         | 151          | rVB4     | 6165           | 9411          | 1.13%           | 0.127%        |
| 6         | 1.682       | 176           | 184         | 198          | rVB      | 97474          | 122227        | 14.64%          | 1.655%        |
| 7         | 2.273       | 356           | 368         | 377          | rBV      | 216494         | 331203        | 39.67%          | 4.484%        |
| 8         | 2.321       | 377           | 383         | 395          | rVB      | 35336          | 55891         | 6.69%           | 0.757%        |
| 9         | 2.444       | 412           | 421         | 436          | rVB      | 55037          | 95734         | 11.47%          | 1.296%        |
| 10        | 2.694       | 492           | 499         | 514          | rBV5     | 5985           | 13070         | 1.57%           | 0.177%        |
| 11        | 2.836       | 532           | 543         | 555          | rBV2     | 10814          | 23870         | 2.86%           | 0.323%        |
| 12        | 3.293       | 675           | 685         | 698          | rVB3     | 16397          | 35369         | 4.24%           | 0.479%        |
| 13        | 3.990       | 884           | 902         | 918          | rBV3     | 14139          | 37906         | 4.54%           | 0.513%        |
| 14        | 4.190       | 949           | 964         | 987          | rBV2     | 109881         | 307579        | 36.84%          | 4.164%        |
| 15        | 4.646       | 1089          | 1106        | 1128         | rBV      | 132204         | 326628        | 39.12%          | 4.422%        |
| 16        | 5.334       | 1297          | 1320        | 1355         | rBV2     | 275662         | 759655        | 90.99%          | 10.284%       |
| 17        | 5.884       | 1476          | 1491        | 1520         | rBV      | 267397         | 528555        | 63.31%          | 7.156%        |
| 18        | 6.328       | 1615          | 1629        | 1654         | rBV      | 168356         | 344741        | 41.29%          | 4.667%        |
| 19        | 6.781       | 1758          | 1770        | 1778         | rBV5     | 8031           | 16715         | 2.00%           | 0.226%        |
| 20        | 6.829       | 1778          | 1785        | 1800         | rVB6     | 5229           | 10941         | 1.31%           | 0.148%        |
| 21        | 7.225       | 1896          | 1908        | 1930         | rBV      | 87308          | 164847        | 19.74%          | 2.232%        |
| 22        | 7.395       | 1950          | 1961        | 1971         | rBV4     | 6671           | 12440         | 1.49%           | 0.168%        |
| 23        | 7.562       | 2000          | 2013        | 2045         | rBV      | 378538         | 679420        | 81.38%          | 9.198%        |
| 24        | 7.849       | 2089          | 2102        | 2124         | rBV      | 54960          | 96852         | 11.60%          | 1.311%        |
| 25        | 8.180       | 2193          | 2205        | 2216         | rBV2     | 10518          | 19571         | 2.34%           | 0.265%        |
| 26        | 8.312       | 2235          | 2246        | 2283         | rBV      | 451353         | 834884        | 100.00%         | 11.303%       |
| 27        | 8.469       | 2289          | 2295        | 2312         | rVB7     | 7729           | 14013         | 1.68%           | 0.190%        |
| 28        | 9.086       | 2472          | 2487        | 2515         | rBV      | 393315         | 667571        | 79.96%          | 9.038%        |
| 29        | 10.035      | 2769          | 2782        | 2792         | rBV5     | 7145           | 12138         | 1.45%           | 0.164%        |
| 30        | 10.430      | 2893          | 2905        | 2920         | rBV      | 147378         | 238141        | 28.52%          | 3.224%        |
| 31        | 10.604      | 2949          | 2959        | 2973         | rVB2     | 20106          | 34065         | 4.08%           | 0.461%        |
| 32        | 11.373      | 3188          | 3198        | 3218         | rBV6     | 13760          | 26098         | 3.13%           | 0.353%        |
| 33        | 11.482      | 3218          | 3232        | 3259         | rBV      | 423061         | 696467        | 83.42%          | 9.429%        |
| 34        | 11.752      | 3305          | 3316        | 3331         | rBV3     | 17710          | 39034         | 4.68%           | 0.528%        |

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Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.1 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR022119WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |     |        |        |        |        |
|----|--------|------|------|------|-----|--------|--------|--------|--------|
| 35 | 11.858 | 3337 | 3349 | 3371 | rVB | 389690 | 647950 | 77.61% | 8.772% |
|----|--------|------|------|------|-----|--------|--------|--------|--------|

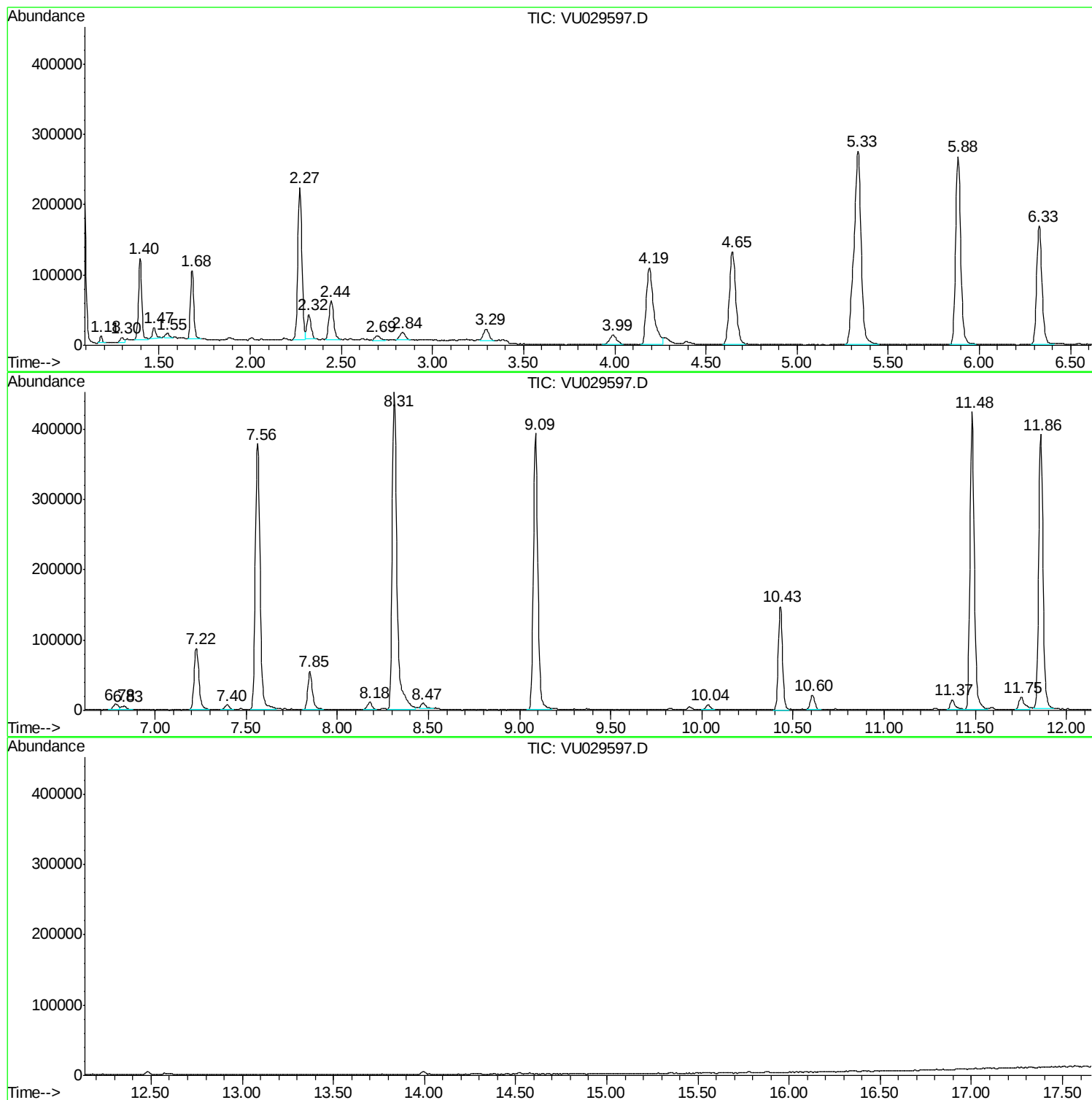
Sum of corrected areas: 7386581

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ClientSampled :  
C0TS0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR022119WMA.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

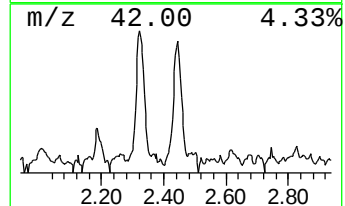
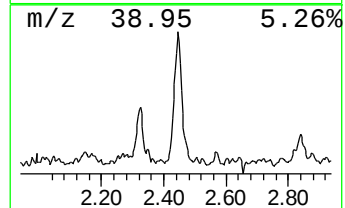
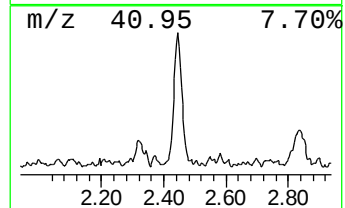
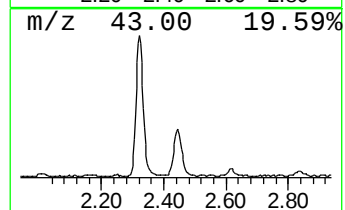
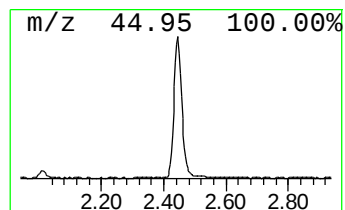
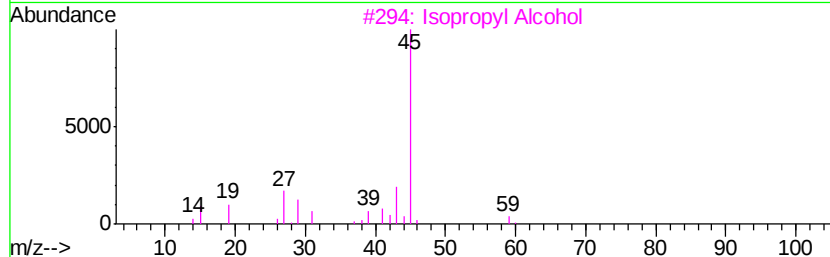
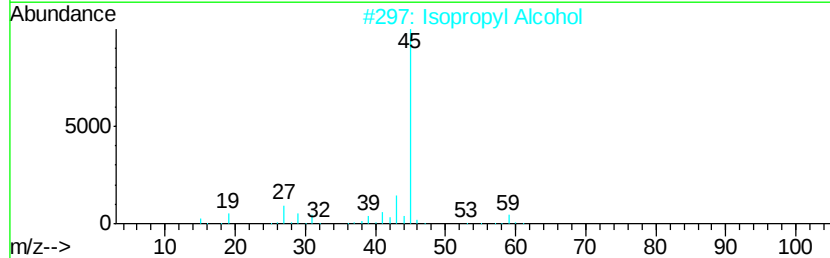
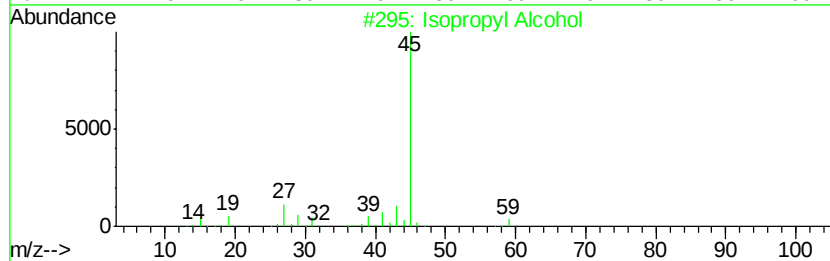
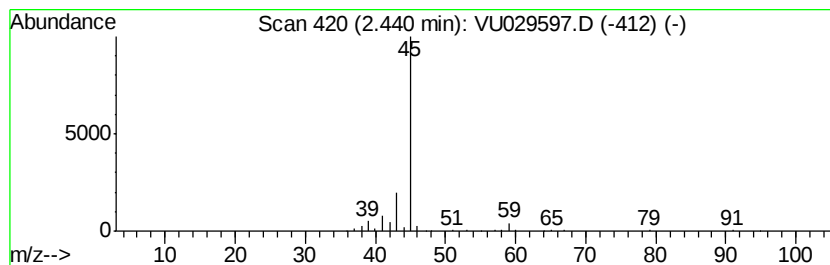
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.44 | 0.91 ug/L | 95734 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|--------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 86   |
| 3    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 56   |
| 5    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 43   |



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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 |
| Isopropyl Alcohol | 2.44 | 0.9     | ug/L  | 95734    | 1                     | 5.88 | 528555 | 5.0  |