

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
 Data File : VU032768.D  
 Acq On : 15 Jun 2019 10:57  
 Operator : JC/SP  
 Sample : K3385-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0M68

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\SOMUTR060419WMA.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         | 1.180       | 24            | 28          | 33           | rVB2     | 6329           | 5462          | 1.46%           | 0.178%        |
| 2         | 1.396       | 89            | 95          | 103          | rVB      | 37701          | 37776         | 10.10%          | 1.230%        |
| 3         | 1.556       | 136           | 145         | 164          | rVB2     | 14037          | 25096         | 6.71%           | 0.817%        |
| 4         | 1.672       | 175           | 181         | 193          | rVB      | 32754          | 41570         | 11.11%          | 1.353%        |
| 5         | 2.273       | 357           | 368         | 380          | rBV4     | 112035         | 197577        | 52.80%          | 6.432%        |
| 6         | 2.440       | 410           | 420         | 438          | rVB      | 65854          | 115398        | 30.84%          | 3.757%        |
| 7         | 2.830       | 534           | 541         | 555          | rVB3     | 9426           | 20147         | 5.38%           | 0.656%        |
| 8         | 4.183       | 946           | 962         | 994          | rBV      | 60722          | 202888        | 54.22%          | 6.605%        |
| 9         | 4.640       | 1086          | 1104        | 1129         | rBV3     | 59226          | 158505        | 42.36%          | 5.160%        |
| 10        | 4.903       | 1174          | 1186        | 1197         | rVB4     | 2384           | 5248          | 1.40%           | 0.171%        |
| 11        | 5.331       | 1297          | 1319        | 1346         | rBV3     | 107706         | 302023        | 80.71%          | 9.832%        |
| 12        | 5.878       | 1474          | 1489        | 1508         | rBV      | 115720         | 222179        | 59.37%          | 7.233%        |
| 13        | 6.325       | 1614          | 1628        | 1645         | rBV2     | 74574          | 145981        | 39.01%          | 4.752%        |
| 14        | 7.222       | 1897          | 1907        | 1925         | rBV      | 35535          | 63775         | 17.04%          | 2.076%        |
| 15        | 7.559       | 1993          | 2012        | 2029         | rBV      | 131723         | 231072        | 61.75%          | 7.522%        |
| 16        | 7.845       | 2091          | 2101        | 2124         | rVB      | 22317          | 38362         | 10.25%          | 1.249%        |
| 17        | 8.173       | 2191          | 2203        | 2213         | rVB4     | 4048           | 7413          | 1.98%           | 0.241%        |
| 18        | 8.308       | 2230          | 2245        | 2277         | rBV      | 212821         | 374204        | 100.00%         | 12.182%       |
| 19        | 9.083       | 2475          | 2486        | 2510         | rBV      | 165811         | 274258        | 73.29%          | 8.928%        |
| 20        | 10.427      | 2893          | 2904        | 2921         | rBV      | 63197          | 102928        | 27.51%          | 3.351%        |
| 21        | 10.604      | 2948          | 2959        | 2969         | rBV2     | 7654           | 13128         | 3.51%           | 0.427%        |
| 22        | 11.479      | 3219          | 3231        | 3255         | rBV      | 162306         | 259380        | 69.32%          | 8.444%        |
| 23        | 11.855      | 3336          | 3348        | 3367         | rBV      | 138126         | 227399        | 60.77%          | 7.403%        |

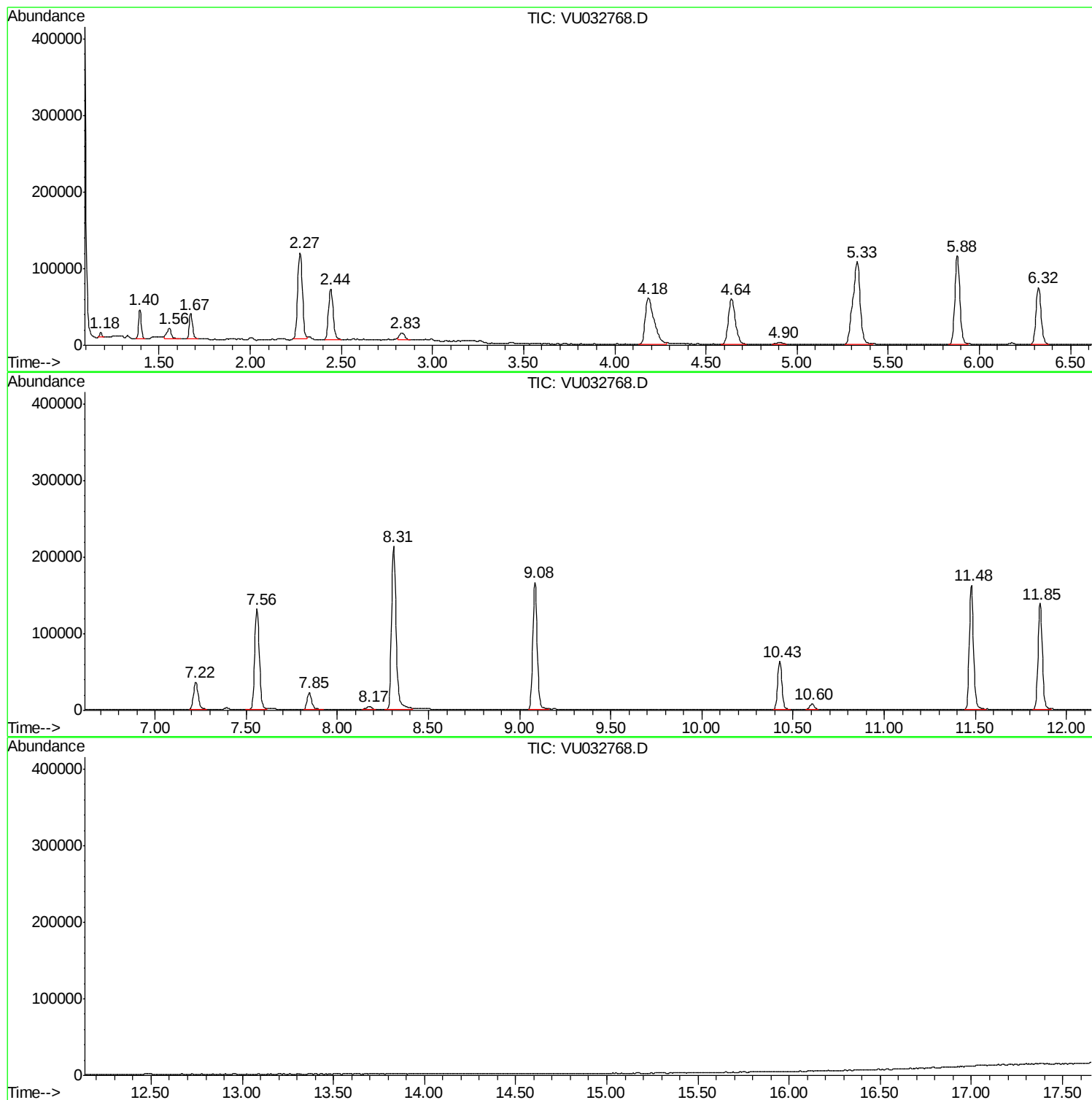
Sum of corrected areas: 3071769

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Instrument :  
MSVOA\_U  
ClientSampleId :  
COM68

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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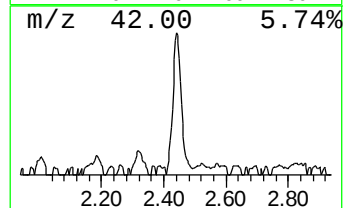
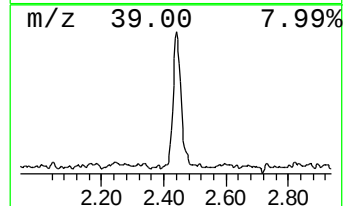
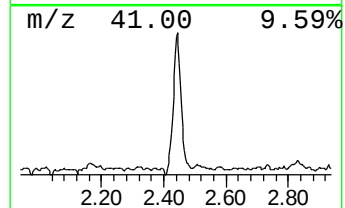
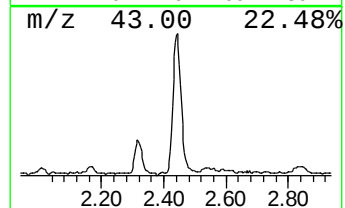
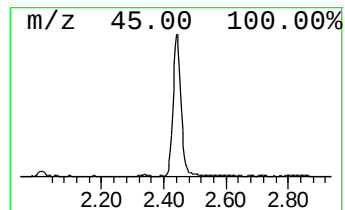
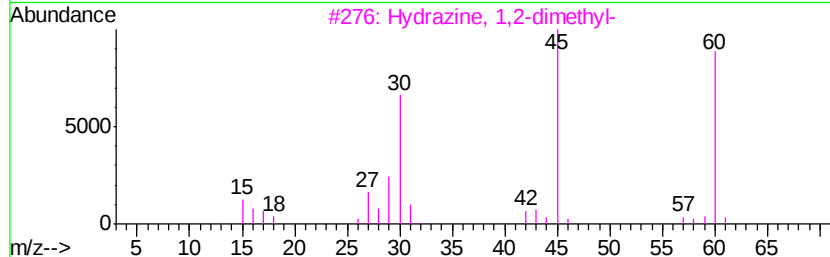
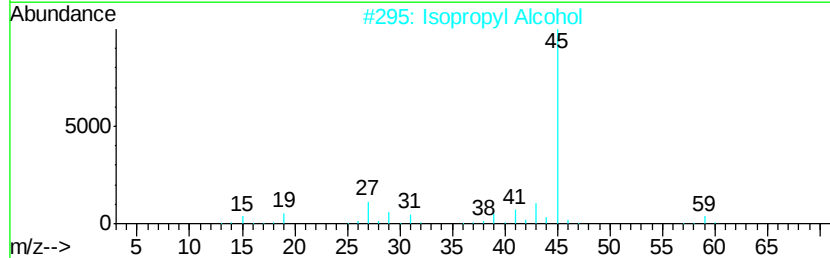
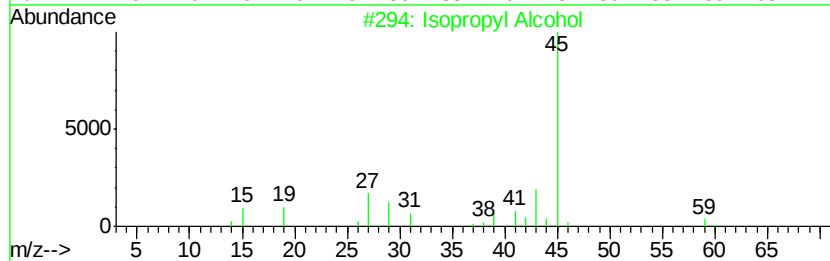
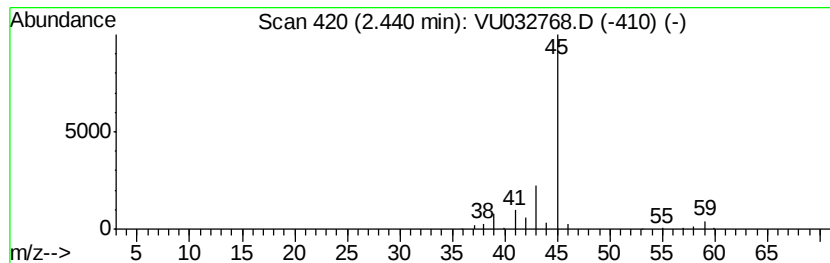
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.44 | 2.60 ug/L | 115398 | 1,4-Difluorobenzene | 5.88 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 72   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 56   |
| 3    |    |   | Hvdrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |
| 4    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.44 | 2.6     | ug/L  | 115398   | 1                     | 5.88 | 222179 | 5.0  |