

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\  
 Data File : VU032743.D  
 Acq On : 14 Jun 2019 23:49  
 Operator : JC/SP  
 Sample : K3383-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0XK3

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         | 1.395       | 89            | 95          | 103          | rVB      | 44791          | 44945         | 2.64%           | 0.718%        |
| 2         | 1.559       | 136           | 146         | 158          | rVB3     | 16612          | 33579         | 1.97%           | 0.536%        |
| 3         | 1.675       | 175           | 182         | 192          | rVB      | 36404          | 46374         | 2.72%           | 0.740%        |
| 4         | 1.826       | 223           | 229         | 236          | rBV      | 16435          | 20216         | 1.19%           | 0.323%        |
| 5         | 1.881       | 237           | 246         | 261          | rVB      | 142794         | 199512        | 11.72%          | 3.185%        |
| 6         | 2.267       | 356           | 366         | 377          | rBV      | 76361          | 116349        | 6.84%           | 1.858%        |
| 7         | 2.440       | 411           | 420         | 434          | rVB      | 35103          | 59672         | 3.51%           | 0.953%        |
| 8         | 4.183       | 946           | 962         | 997          | rBV      | 64107          | 209157        | 12.29%          | 3.339%        |
| 9         | 4.640       | 1088          | 1104        | 1129         | rBV      | 63952          | 155142        | 9.12%           | 2.477%        |
| 10        | 5.331       | 1297          | 1319        | 1339         | rBV2     | 120407         | 337872        | 19.85%          | 5.394%        |
| 11        | 5.878       | 1474          | 1489        | 1510         | rBV      | 118667         | 232950        | 13.69%          | 3.719%        |
| 12        | 6.177       | 1568          | 1582        | 1609         | rBV      | 629615         | 1205733       | 70.84%          | 19.250%       |
| 13        | 6.325       | 1615          | 1628        | 1648         | rVB      | 83204          | 164863        | 9.69%           | 2.632%        |
| 14        | 7.222       | 1896          | 1907        | 1922         | rBV      | 43083          | 76138         | 4.47%           | 1.216%        |
| 15        | 7.559       | 1998          | 2012        | 2029         | rBV      | 151429         | 262803        | 15.44%          | 4.196%        |
| 16        | 7.845       | 2090          | 2101        | 2120         | rBV      | 27153          | 45891         | 2.70%           | 0.733%        |
| 17        | 8.222       | 2203          | 2218        | 2234         | rBV      | 1005093        | 1701932       | 100.00%         | 27.172%       |
| 18        | 8.308       | 2234          | 2245        | 2271         | rVB      | 236476         | 410478        | 24.12%          | 6.554%        |
| 19        | 9.083       | 2474          | 2486        | 2510         | rBV      | 172666         | 289993        | 17.04%          | 4.630%        |
| 20        | 10.427      | 2893          | 2904        | 2918         | rBV      | 70627          | 114322        | 6.72%           | 1.825%        |
| 21        | 11.479      | 3218          | 3231        | 3249         | rBV      | 173411         | 278731        | 16.38%          | 4.450%        |
| 22        | 11.855      | 3335          | 3348        | 3370         | rBV      | 152644         | 256833        | 15.09%          | 4.100%        |

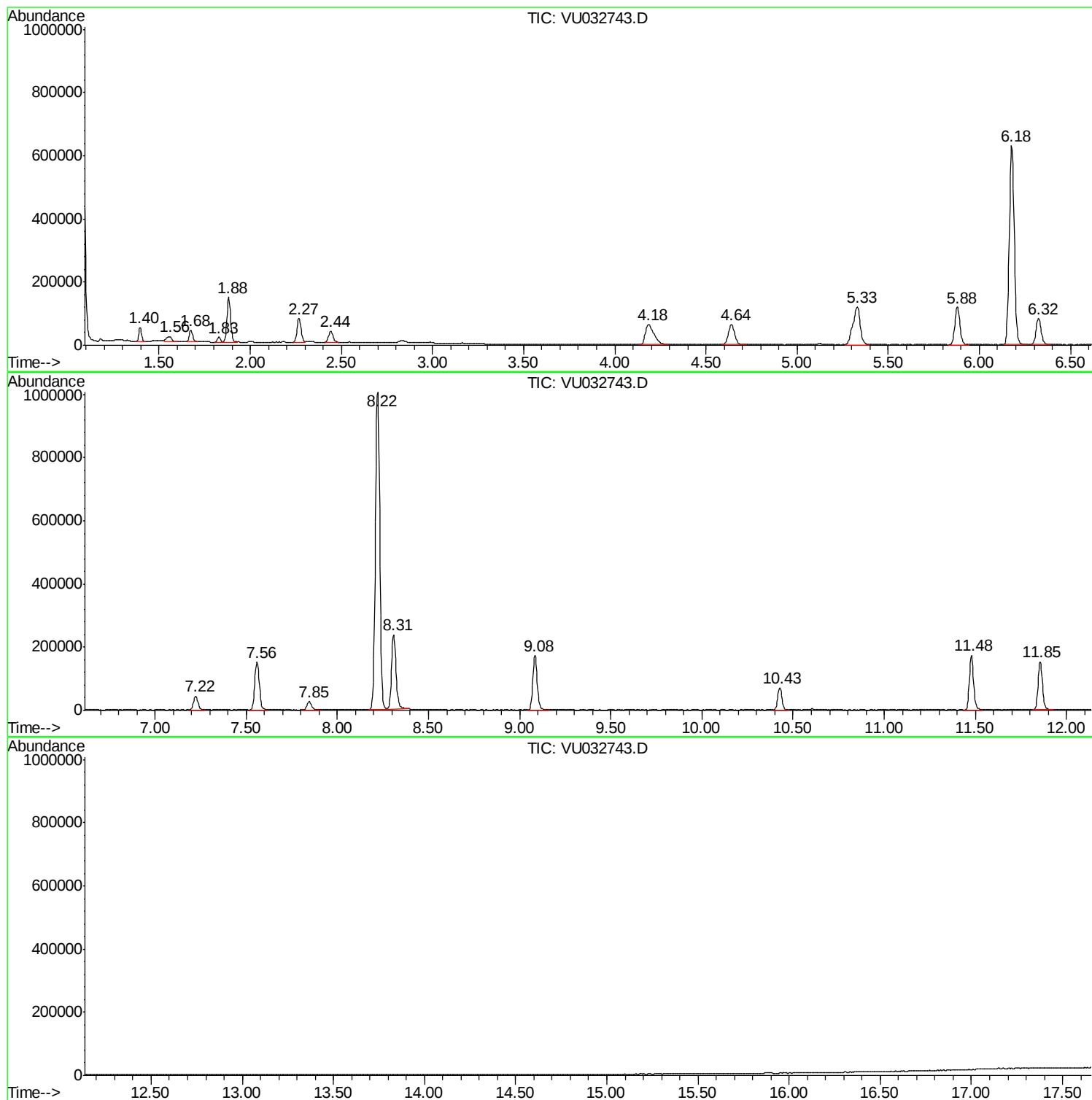
Sum of corrected areas: 6263485

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Instrument :  
MSVOA\_U  
ClientSampled :  
C0XK3

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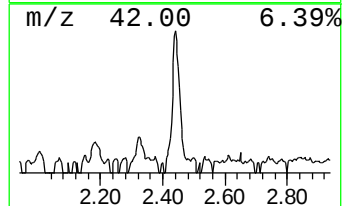
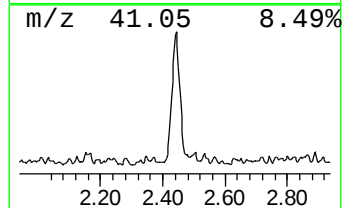
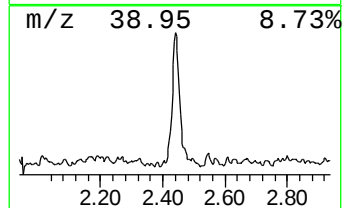
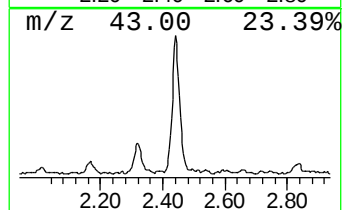
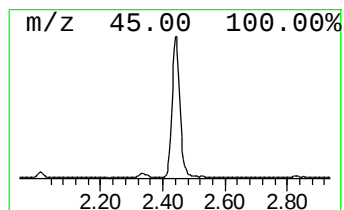
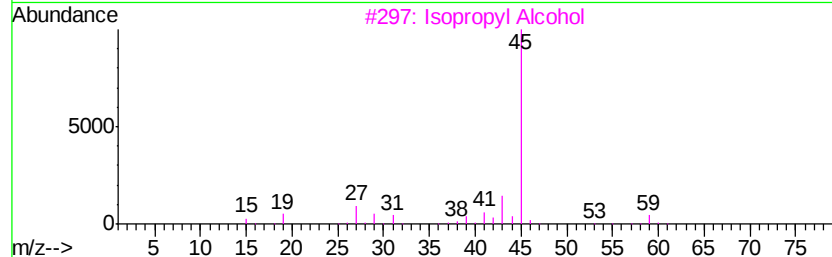
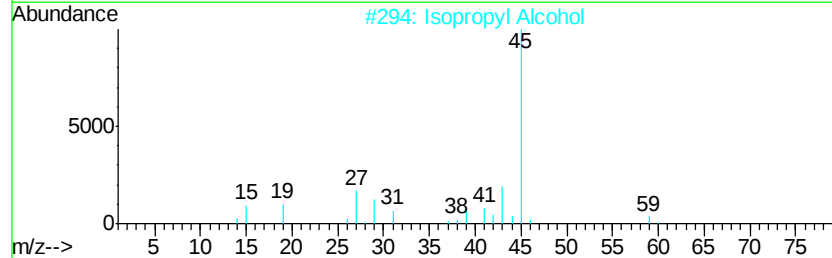
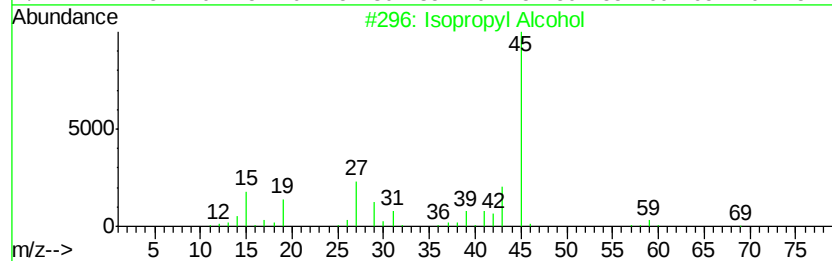
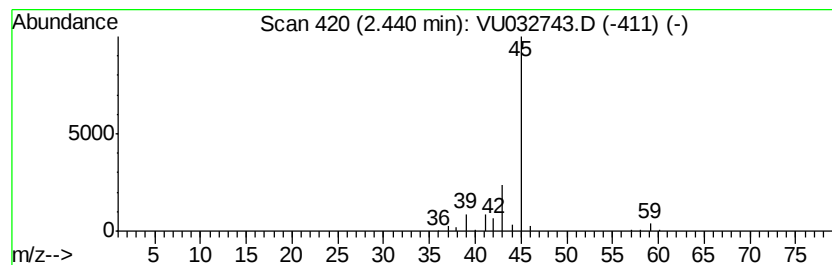
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.44 | 1.28 ug/L | 59672 | 1,4-Difluorobenzene | 5.88 |

| 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 | 64   |
| 4    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 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 | 1.3     | ug/L  | 59672    | 1                     | 5.88 | 232950 | 5.0  |