

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\  
 Data File : VU036822.D  
 Acq On : 17 Feb 2020 20:18  
 Operator : JC/MD  
 Sample : L1539-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK4

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\SOMUTR021220WMA.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       | 78            | 85          | 93           | rBV      | 55545          | 58715         | 9.40%           | 1.324%        |
| 2         | 1.932       | 172           | 184         | 200          | rVB      | 53150          | 71313         | 11.41%          | 1.608%        |
| 3         | 2.395       | 319           | 328         | 338          | rVB2     | 14837          | 23225         | 3.72%           | 0.524%        |
| 4         | 2.604       | 378           | 393         | 407          | rBV4     | 306786         | 624735        | 100.00%         | 14.085%       |
| 5         | 2.793       | 440           | 452         | 470          | rBV      | 38130          | 72593         | 11.62%          | 1.637%        |
| 6         | 3.224       | 572           | 586         | 600          | rVB      | 8983           | 20514         | 3.28%           | 0.463%        |
| 7         | 4.674       | 1021          | 1037        | 1074         | rBV      | 75745          | 217023        | 34.74%          | 4.893%        |
| 8         | 5.108       | 1153          | 1172        | 1194         | rBV      | 80254          | 182523        | 29.22%          | 4.115%        |
| 9         | 5.764       | 1351          | 1376        | 1396         | rBV2     | 170256         | 426418        | 68.26%          | 9.614%        |
| 10        | 6.285       | 1521          | 1538        | 1553         | rBV      | 143328         | 267679        | 42.85%          | 6.035%        |
| 11        | 6.574       | 1615          | 1628        | 1650         | rBV      | 150542         | 282420        | 45.21%          | 6.368%        |
| 12        | 6.726       | 1662          | 1675        | 1693         | rVB      | 106529         | 203119        | 32.51%          | 4.580%        |
| 13        | 7.594       | 1933          | 1945        | 1965         | rBV2     | 50224          | 88450         | 14.16%          | 1.994%        |
| 14        | 7.748       | 1984          | 1993        | 2004         | rVB2     | 7214           | 13062         | 2.09%           | 0.295%        |
| 15        | 7.925       | 2030          | 2048        | 2065         | rBV      | 200450         | 344520        | 55.15%          | 7.768%        |
| 16        | 8.208       | 2124          | 2136        | 2154         | rBV2     | 29998          | 51377         | 8.22%           | 1.158%        |
| 17        | 8.578       | 2239          | 2251        | 2263         | rBV2     | 28524          | 46937         | 7.51%           | 1.058%        |
| 18        | 8.664       | 2263          | 2278        | 2321         | rBV      | 219913         | 438531        | 70.19%          | 9.887%        |
| 19        | 9.439       | 2506          | 2519        | 2541         | rBV      | 193925         | 328280        | 52.55%          | 7.402%        |
| 20        | 10.777      | 2921          | 2935        | 2949         | rVB      | 76840          | 123972        | 19.84%          | 2.795%        |
| 21        | 11.832      | 3250          | 3263        | 3278         | rBV      | 166617         | 274217        | 43.89%          | 6.183%        |
| 22        | 12.211      | 3368          | 3381        | 3395         | rBV      | 169638         | 275688        | 44.13%          | 6.216%        |

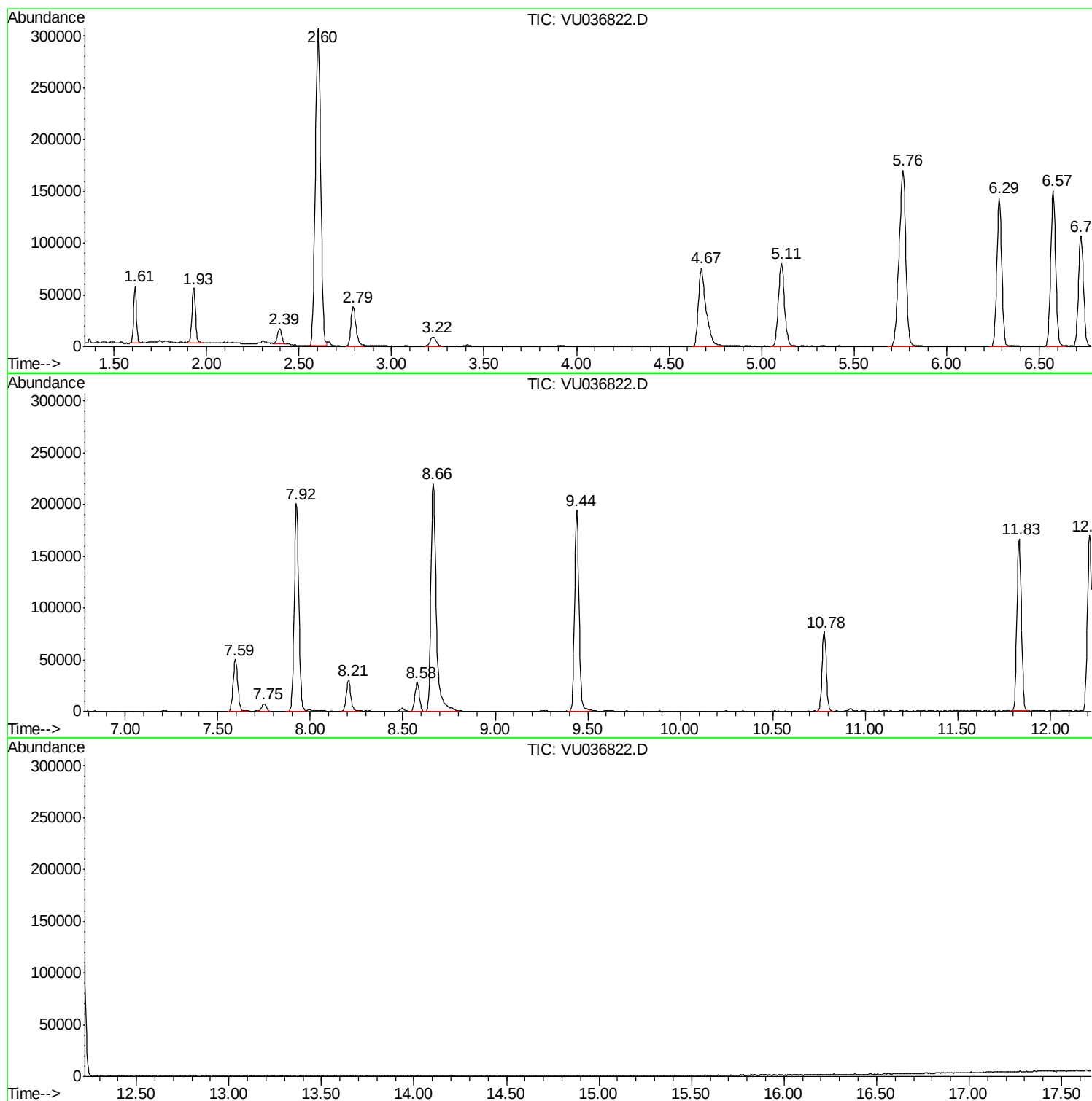
Sum of corrected areas: 4435311

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MSVOA\_U  
ClientSampleId :  
C0AK4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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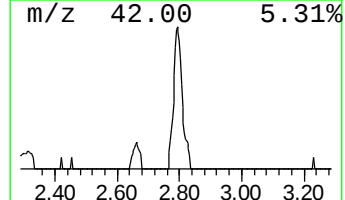
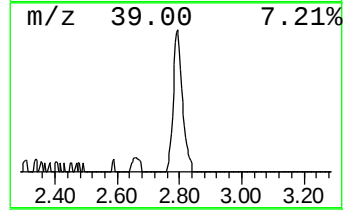
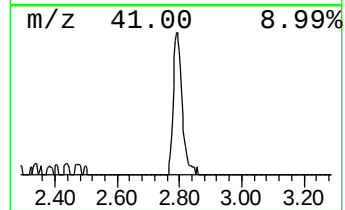
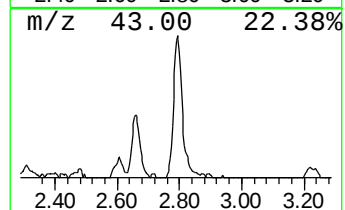
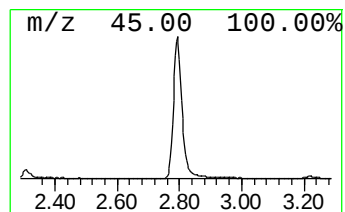
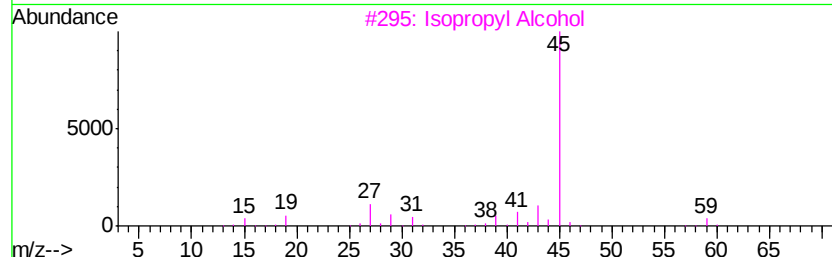
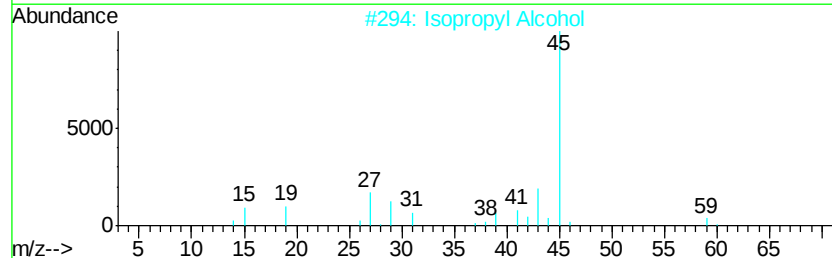
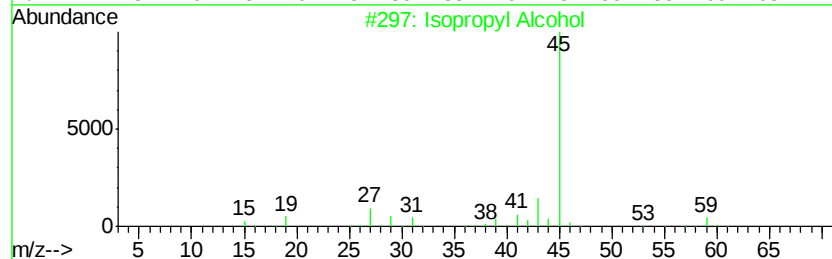
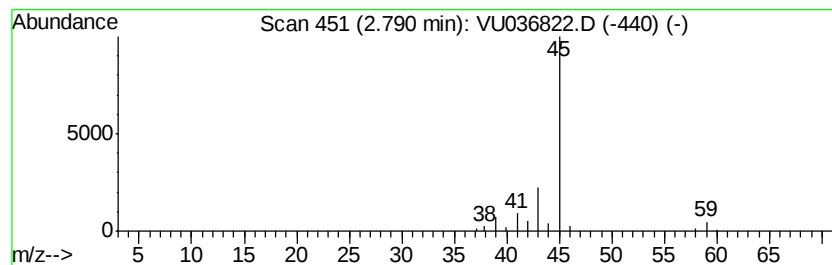
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021220WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
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. |
|------|-----------|-------|---------------------|------|
| 2.79 | 1.36 ug/L | 72593 | 1,4-Difluorobenzene | 6.29 |

| Hit# | of | 5 | Tentative ID      | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 83   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    |   | Hydrazine, ethyl- | 60 | C2H8N2  | 000624-80-6 | 40   |
| 5    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.79 | 1.4     | ug/L  | 72593    | 1                     | 6.29 | 267679 | 5.0  |