

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\  
 Data File : VU040833.D  
 Acq On : 20 Oct 2020 02:56  
 Operator : SY/MD  
 Sample : L4428-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ29

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\SOMUTR100820WMA.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         | 1.366       | 3             | 8           | 12           | rBV      | 16483          | 18110         | 1.01%           | 0.329%        |
| 2         | 1.478       | 34            | 43          | 76           | rBV      | 573254         | 1790173       | 100.00%         | 32.541%       |
| 3         | 1.922       | 177           | 181         | 200          | rVB      | 48688          | 69538         | 3.88%           | 1.264%        |
| 4         | 2.581       | 374           | 386         | 399          | rBV      | 70504          | 116180        | 6.49%           | 2.112%        |
| 5         | 2.806       | 445           | 456         | 469          | rVB      | 29353          | 49209         | 2.75%           | 0.894%        |
| 6         | 4.662       | 1014          | 1033        | 1067         | rBV2     | 71173          | 271232        | 15.15%          | 4.930%        |
| 7         | 5.083       | 1146          | 1164        | 1182         | rBV      | 88088          | 187249        | 10.46%          | 3.404%        |
| 8         | 5.742       | 1348          | 1369        | 1395         | rBV2     | 150723         | 408090        | 22.80%          | 7.418%        |
| 9         | 6.263       | 1517          | 1531        | 1551         | rBV      | 141079         | 271174        | 15.15%          | 4.929%        |
| 10        | 6.703       | 1654          | 1668        | 1688         | rBV      | 108612         | 209923        | 11.73%          | 3.816%        |
| 11        | 7.575       | 1924          | 1939        | 1954         | rBV      | 46679          | 82271         | 4.60%           | 1.495%        |
| 12        | 7.906       | 2025          | 2042        | 2055         | rBV      | 148762         | 255883        | 14.29%          | 4.651%        |
| 13        | 8.186       | 2118          | 2129        | 2146         | rBV2     | 31215          | 53256         | 2.97%           | 0.968%        |
| 14        | 8.642       | 2256          | 2271        | 2302         | rBV      | 347575         | 654460        | 36.56%          | 11.896%       |
| 15        | 9.420       | 2500          | 2513        | 2529         | rBV      | 212077         | 354236        | 19.79%          | 6.439%        |
| 16        | 10.755      | 2916          | 2928        | 2943         | rBV      | 97781          | 157651        | 8.81%           | 2.866%        |
| 17        | 11.806      | 3244          | 3255        | 3271         | rBV      | 181536         | 282201        | 15.76%          | 5.130%        |
| 18        | 12.185      | 3361          | 3373        | 3387         | rBV      | 167687         | 270514        | 15.11%          | 4.917%        |

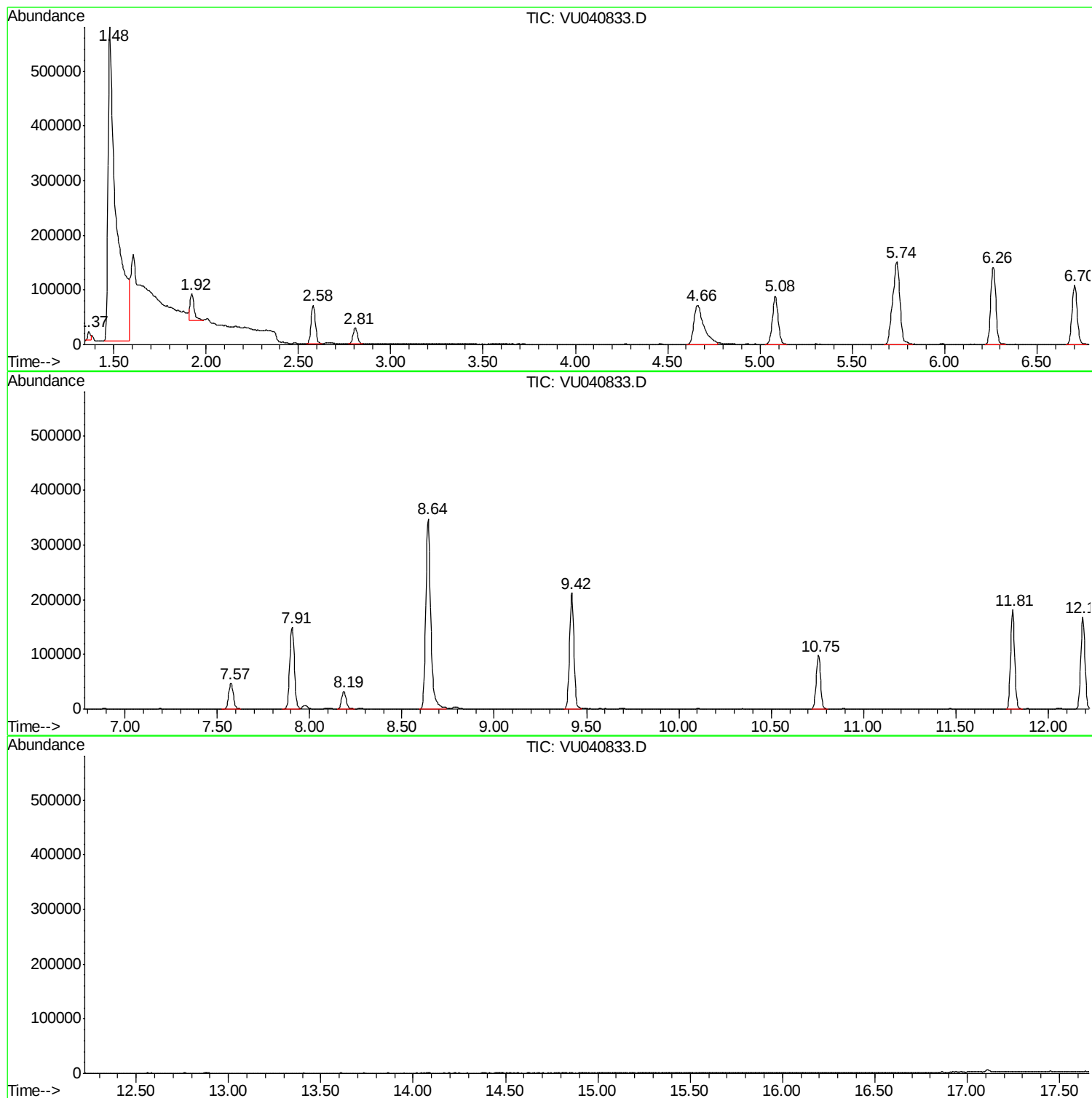
Sum of corrected areas: 5501350

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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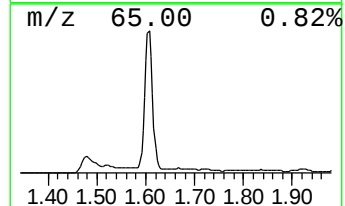
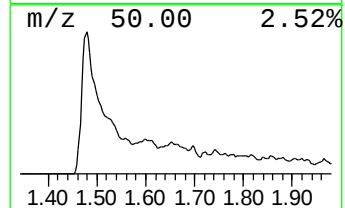
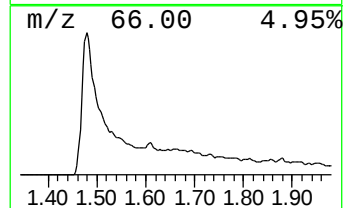
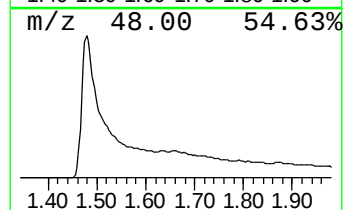
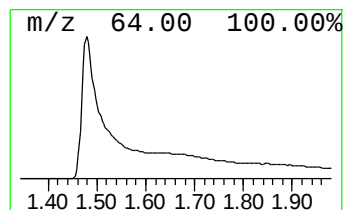
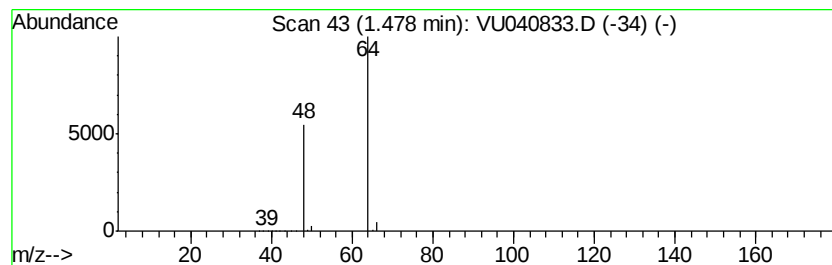
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.    | EstConc    | Area                      | Relative to ISTD    | R.T.           |
|---------|------------|---------------------------|---------------------|----------------|
| 1.48    | 33.01 ug/L | 1790170                   | 1,4-Difluorobenzene | 6.26           |
| Hit# of | 5          | Tentative ID              | MW MolForm          | CAS# Qual      |
| 1       |            | Sulfur dioxide            | 64 02S              | 007446-09-5 83 |
| 2       |            | Aminomethanesulfonic acid | 111 CH5N03S         | 013881-91-9 74 |
| 3       |            | L-Alanine, 3-sulfo-       | 169 C3H7N05S        | 000498-40-8 9  |
| 4       |            | Aminomethanesulfonic acid | 111 CH5N03S         | 013881-91-9 9  |
| 5       |            | Aminomethanesulfonic acid | 111 CH5N03S         | 013881-91-9 9  |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Sulfur dioxide   | 1.48 | 33.0    | ug/L  | 1790170  | 1                     | 6.26 | 271174 | 5.0  |