

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101620\  
 Data File : VU040757.D  
 Acq On : 16 Oct 2020 19:01  
 Operator : SY/MD  
 Sample : L4354-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZ20

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\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         | 1.517       | 41            | 55          | 56           | rBV      | 43118          | 69094         | 11.04%          | 1.677%        |
| 2         | 1.604       | 77            | 82          | 94           | rVB      | 62869          | 78148         | 12.48%          | 1.897%        |
| 3         | 1.922       | 174           | 181         | 196          | rVB      | 52916          | 71468         | 11.41%          | 1.735%        |
| 4         | 2.581       | 373           | 386         | 405          | rBV      | 100826         | 166154        | 26.54%          | 4.033%        |
| 5         | 3.382       | 622           | 635         | 651          | rBV3     | 9718           | 22737         | 3.63%           | 0.552%        |
| 6         | 4.665       | 1017          | 1034        | 1080         | rBV2     | 63159          | 267032        | 42.65%          | 6.482%        |
| 7         | 5.083       | 1143          | 1164        | 1182         | rBV      | 98720          | 215725        | 34.45%          | 5.237%        |
| 8         | 5.742       | 1348          | 1369        | 1392         | rBV3     | 183992         | 476973        | 76.18%          | 11.579%       |
| 9         | 6.263       | 1513          | 1531        | 1549         | rBV      | 144248         | 276273        | 44.13%          | 6.707%        |
| 10        | 6.703       | 1654          | 1668        | 1691         | rBV      | 120290         | 232973        | 37.21%          | 5.655%        |
| 11        | 7.575       | 1925          | 1939        | 1958         | rBV      | 50051          | 87271         | 13.94%          | 2.119%        |
| 12        | 7.906       | 2029          | 2042        | 2057         | rBV      | 188166         | 325461        | 51.98%          | 7.901%        |
| 13        | 8.186       | 2117          | 2129        | 2142         | rBV      | 32748          | 55544         | 8.87%           | 1.348%        |
| 14        | 8.642       | 2254          | 2271        | 2306         | rBV      | 317854         | 626107        | 100.00%         | 15.199%       |
| 15        | 9.420       | 2496          | 2513        | 2534         | rBV      | 215175         | 362961        | 57.97%          | 8.811%        |
| 16        | 10.755      | 2917          | 2928        | 2946         | rBV2     | 99451          | 158993        | 25.39%          | 3.860%        |
| 17        | 11.809      | 3243          | 3256        | 3272         | rBV      | 185783         | 301409        | 48.14%          | 7.317%        |
| 18        | 12.189      | 3362          | 3374        | 3388         | rBV      | 203605         | 325119        | 51.93%          | 7.892%        |

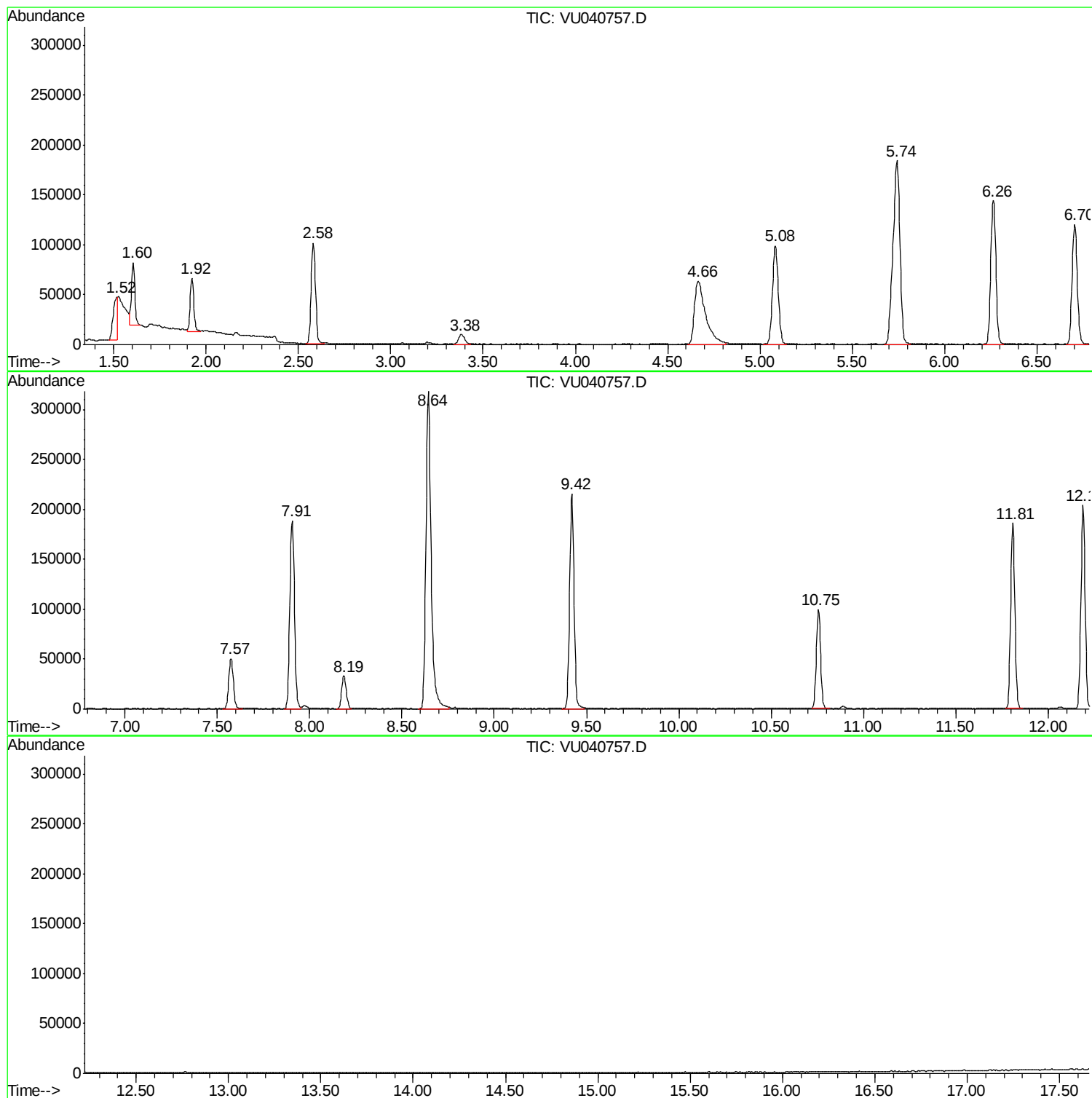
Sum of corrected areas: 4119442

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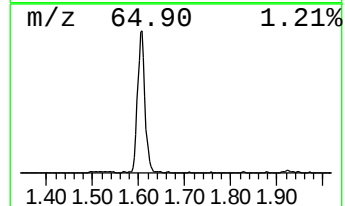
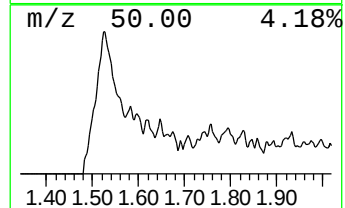
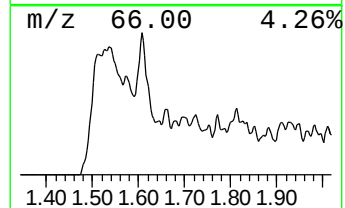
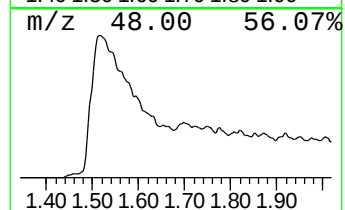
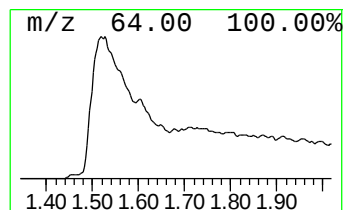
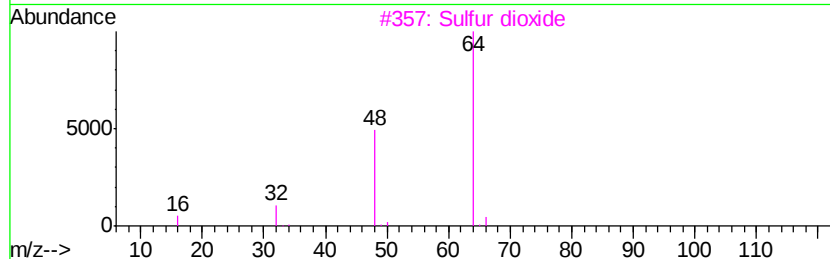
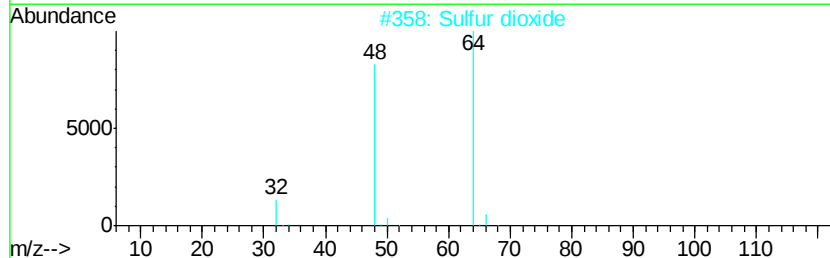
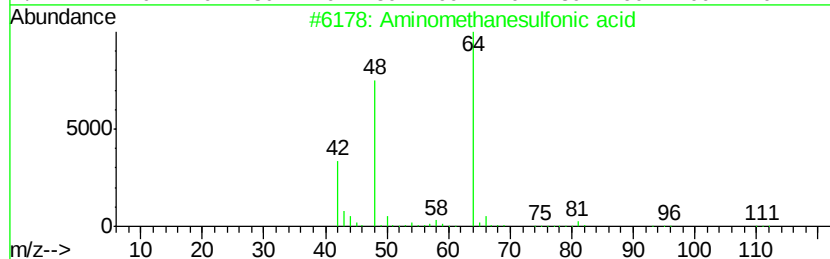
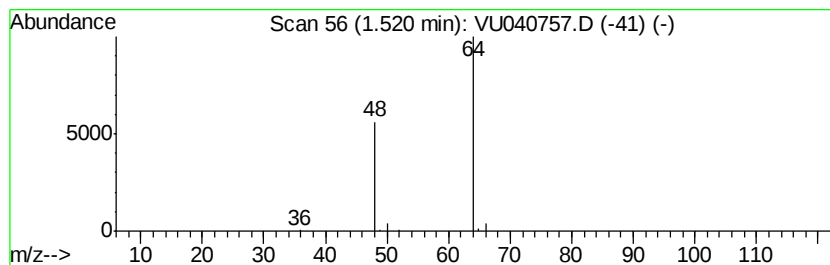
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100820WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Aminomethanesulfonic acid Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.52 | 1.25 ug/L | 69094 | 1,4-Difluorobenzene | 6.26 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 83   |
| 3    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 83   |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Aminomethanesulfo... | 1.52 | 1.3     | ug/L  | 69094    | 1                     | 6.26 | 276273 | 5.0  |