

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\  
 Data File : VX002339.D  
 Acq On : 06 Jun 2018 07:04  
 Operator : JC/MD  
 Sample : J3309-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-21

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 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\_X\METHOD\82X060418W.M  
 Title : SW846 8260

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         | 1.074       | 76            | 80          | 93           | rBV      | 1161138        | 1549228       | 100.00%         | 17.883%       |
| 2         | 1.276       | 108           | 113         | 120          | rBV      | 82013          | 116773        | 7.54%           | 1.348%        |
| 3         | 5.513       | 796           | 808         | 822          | rBV      | 145722         | 423824        | 27.36%          | 4.892%        |
| 4         | 5.671       | 822           | 834         | 847          | rVB      | 238858         | 665330        | 42.95%          | 7.680%        |
| 5         | 6.074       | 889           | 900         | 916          | rBV      | 172407         | 448561        | 28.95%          | 5.178%        |
| 6         | 6.866       | 1019          | 1030        | 1044         | rBV      | 348920         | 817307        | 52.76%          | 9.435%        |
| 7         | 8.719       | 1327          | 1334        | 1343         | rBV      | 882227         | 1330431       | 85.88%          | 15.358%       |
| 8         | 10.116      | 1557          | 1563        | 1572         | rBV      | 757811         | 1012407       | 65.35%          | 11.687%       |
| 9         | 11.140      | 1725          | 1731        | 1741         | rBV      | 789375         | 984304        | 63.54%          | 11.362%       |
| 10        | 12.085      | 1880          | 1886        | 1893         | rBV      | 967078         | 1226343       | 79.16%          | 14.156%       |
| 11        | 12.304      | 1915          | 1922        | 1929         | rVB      | 12828          | 17419         | 1.12%           | 0.201%        |
| 12        | 12.761      | 1992          | 1997        | 2004         | rVB4     | 9193           | 16954         | 1.09%           | 0.196%        |
| 13        | 13.353      | 2089          | 2094        | 2099         | rVB2     | 19779          | 29326         | 1.89%           | 0.339%        |
| 14        | 14.846      | 2332          | 2339        | 2345         | rBV      | 15380          | 24721         | 1.60%           | 0.285%        |

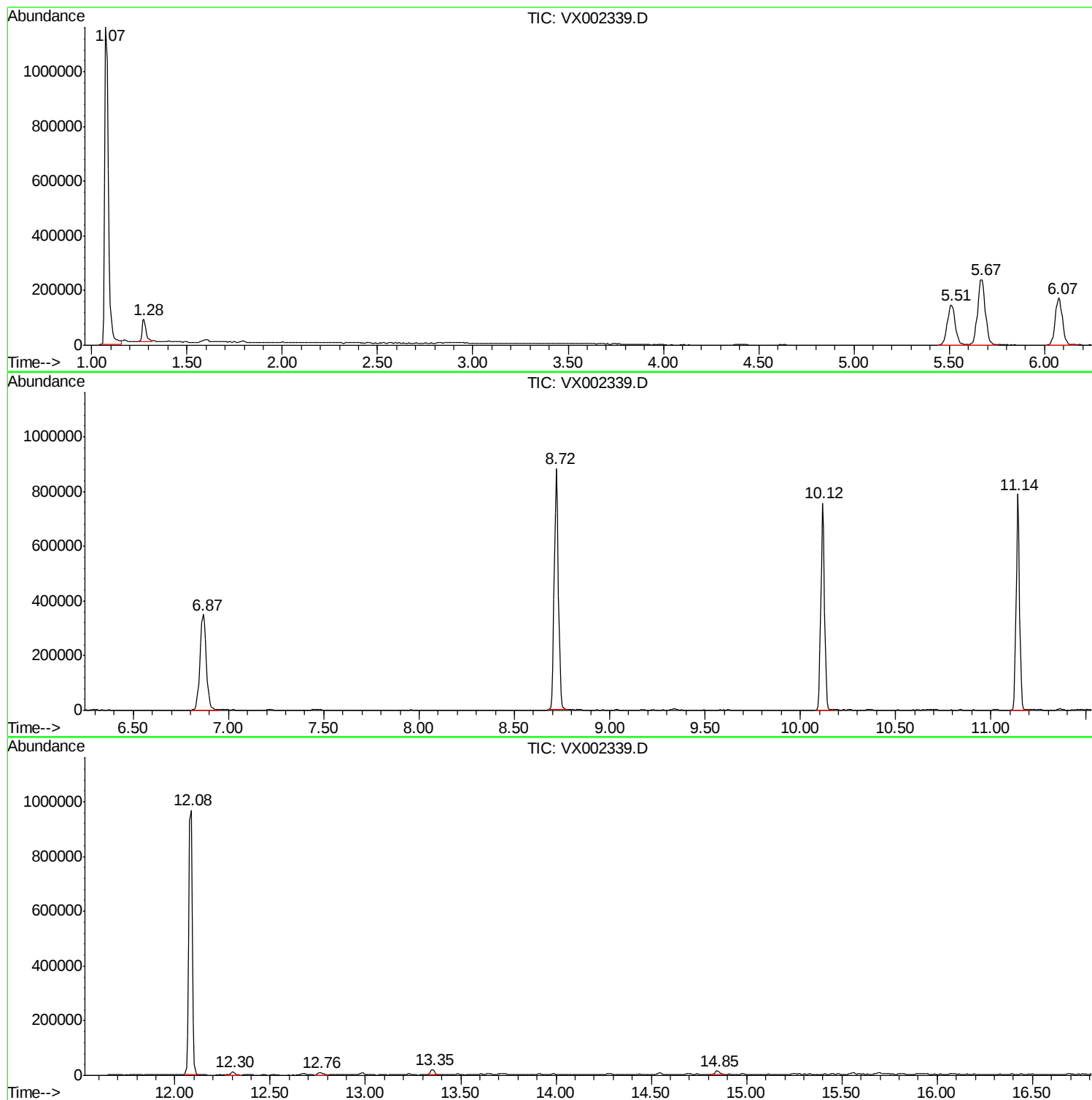
Sum of corrected areas: 8662928

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260

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



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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 1.28 | 8.78 ug/l | 116773 | Pentafluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 83   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 74   |
| 3    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2  | 000075-38-7 | 4    |
| 4    |    |   | Ethyl Chloride            | 64  | C2H5Cl  | 000075-00-3 | 3    |
| 5    |    |   | Ethene, 1,2-difluoro-     | 64  | C2H2F2  | 001691-13-0 | 3    |

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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Sulfur dioxide   | 1.28 | 8.8     | ug/l  | 116773   | 1                     | 5.67 | 665330 | 50.0 |