

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX040818\  
 Data File : VX000738.D  
 Acq On : 08 Apr 2018 18:12  
 Operator : JC/MD  
 Sample : J2216-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 QNWP8-MW25S-GW

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 : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.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         | 1.075       | 76            | 80          | 91           | rBV      | 1489045        | 1903721       | 72.75%          | 14.625%       |
| 2         | 1.319       | 112           | 120         | 187          | rBV      | 390103         | 2616905       | 100.00%         | 20.105%       |
| 3         | 3.215       | 427           | 431         | 444          | rVB2     | 14324          | 35481         | 1.36%           | 0.273%        |
| 4         | 5.513       | 797           | 808         | 821          | rBV2     | 168722         | 480719        | 18.37%          | 3.693%        |
| 5         | 5.672       | 823           | 834         | 849          | rBV      | 295868         | 831814        | 31.79%          | 6.390%        |
| 6         | 6.080       | 890           | 901         | 907          | rBV      | 165247         | 434608        | 16.61%          | 3.339%        |
| 7         | 6.153       | 907           | 913         | 925          | rVB      | 108769         | 282212        | 10.78%          | 2.168%        |
| 8         | 6.867       | 1021          | 1030        | 1051         | rBV      | 416821         | 1008137       | 38.52%          | 7.745%        |
| 9         | 8.720       | 1326          | 1334        | 1351         | rBV      | 806039         | 1352860       | 51.70%          | 10.393%       |
| 10        | 9.342       | 1430          | 1436        | 1440         | rBV      | 20534          | 43754         | 1.67%           | 0.336%        |
| 11        | 10.122      | 1557          | 1564        | 1577         | rBV      | 863256         | 1218502       | 46.56%          | 9.361%        |
| 12        | 11.146      | 1726          | 1732        | 1745         | rVB      | 816042         | 1079280       | 41.24%          | 8.292%        |
| 13        | 11.384      | 1763          | 1771        | 1778         | rBV      | 20190          | 48982         | 1.87%           | 0.376%        |
| 14        | 12.085      | 1880          | 1886        | 1894         | rVB      | 1182910        | 1411202       | 53.93%          | 10.842%       |
| 15        | 12.305      | 1913          | 1922        | 1928         | rVB      | 52392          | 72633         | 2.78%           | 0.558%        |
| 16        | 13.030      | 2036          | 2041        | 2050         | rBV      | 13888          | 29226         | 1.12%           | 0.225%        |
| 17        | 13.500      | 2110          | 2118        | 2122         | rBV      | 19112          | 26386         | 1.01%           | 0.203%        |
| 18        | 14.164      | 2222          | 2227        | 2231         | rBV      | 68410          | 92772         | 3.55%           | 0.713%        |
| 19        | 16.188      | 2553          | 2559        | 2565         | rVB2     | 28315          | 47295         | 1.81%           | 0.363%        |

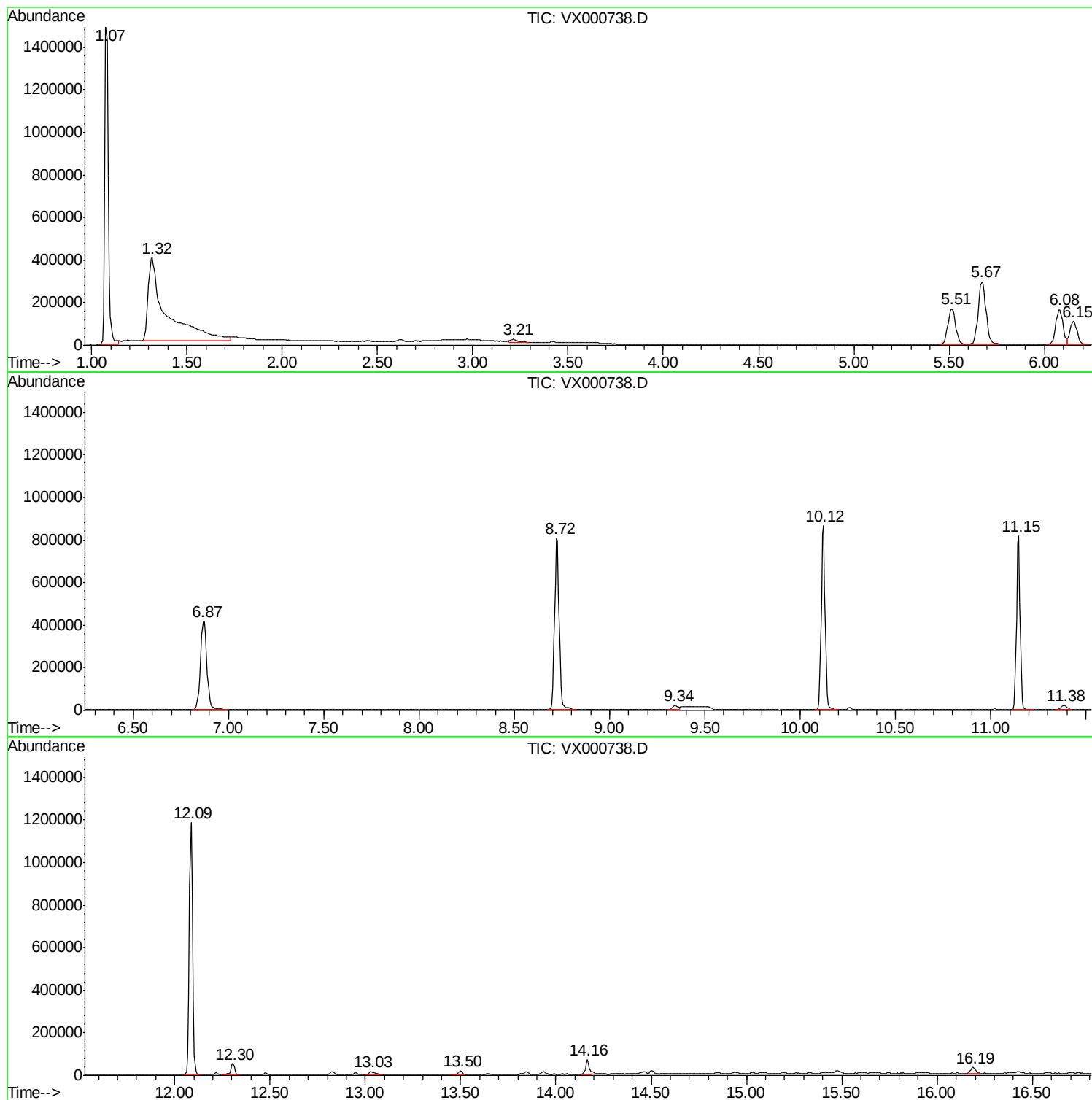
Sum of corrected areas: 13016489

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Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X040718W.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 1

| R.T. | EstConc     | Area    | Relative to ISTD   | R.T. |
|------|-------------|---------|--------------------|------|
| 1.32 | 157.30 ug/l | 2616910 | 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    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |

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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Sulfur dioxide   | 1.32 | 157.3   | ug/l  | 2616910  | 1                     | 5.67 | 831814 | 50.0 |