

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\  
 Data File : VX003108.D  
 Acq On : 01 Jul 2018 05:33  
 Operator : JC/MD  
 Sample : J3800-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-15

## 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\82X062518W.M  
 Title : SW846 8260

Signal : TIC: VX003107.D

| 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          | 92           | rBV      | 1986799        | 2360043       | 100.00%         | 22.770%       |
| 2         | 1.288       | 108           | 115         | 128          | rBV      | 170196         | 627178        | 26.57%          | 6.051%        |
| 3         | 2.623       | 328           | 334         | 342          | rBV      | 18337          | 33442         | 1.42%           | 0.323%        |
| 4         | 5.507       | 796           | 807         | 823          | rBV      | 181518         | 507185        | 21.49%          | 4.893%        |
| 5         | 5.672       | 823           | 834         | 851          | rVB      | 265025         | 749770        | 31.77%          | 7.234%        |
| 6         | 6.074       | 889           | 900         | 912          | rBV      | 188478         | 490867        | 20.80%          | 4.736%        |
| 7         | 6.866       | 1019          | 1030        | 1043         | rBV      | 378365         | 894015        | 37.88%          | 8.626%        |
| 8         | 8.720       | 1326          | 1334        | 1351         | rBV      | 932250         | 1422534       | 60.28%          | 13.725%       |
| 9         | 10.116      | 1556          | 1563        | 1577         | rBV      | 809612         | 1070515       | 45.36%          | 10.329%       |
| 10        | 11.140      | 1725          | 1731        | 1746         | rBV      | 811598         | 1015184       | 43.02%          | 9.795%        |
| 11        | 12.079      | 1879          | 1885        | 1893         | rBV      | 963089         | 1193878       | 50.59%          | 11.519%       |

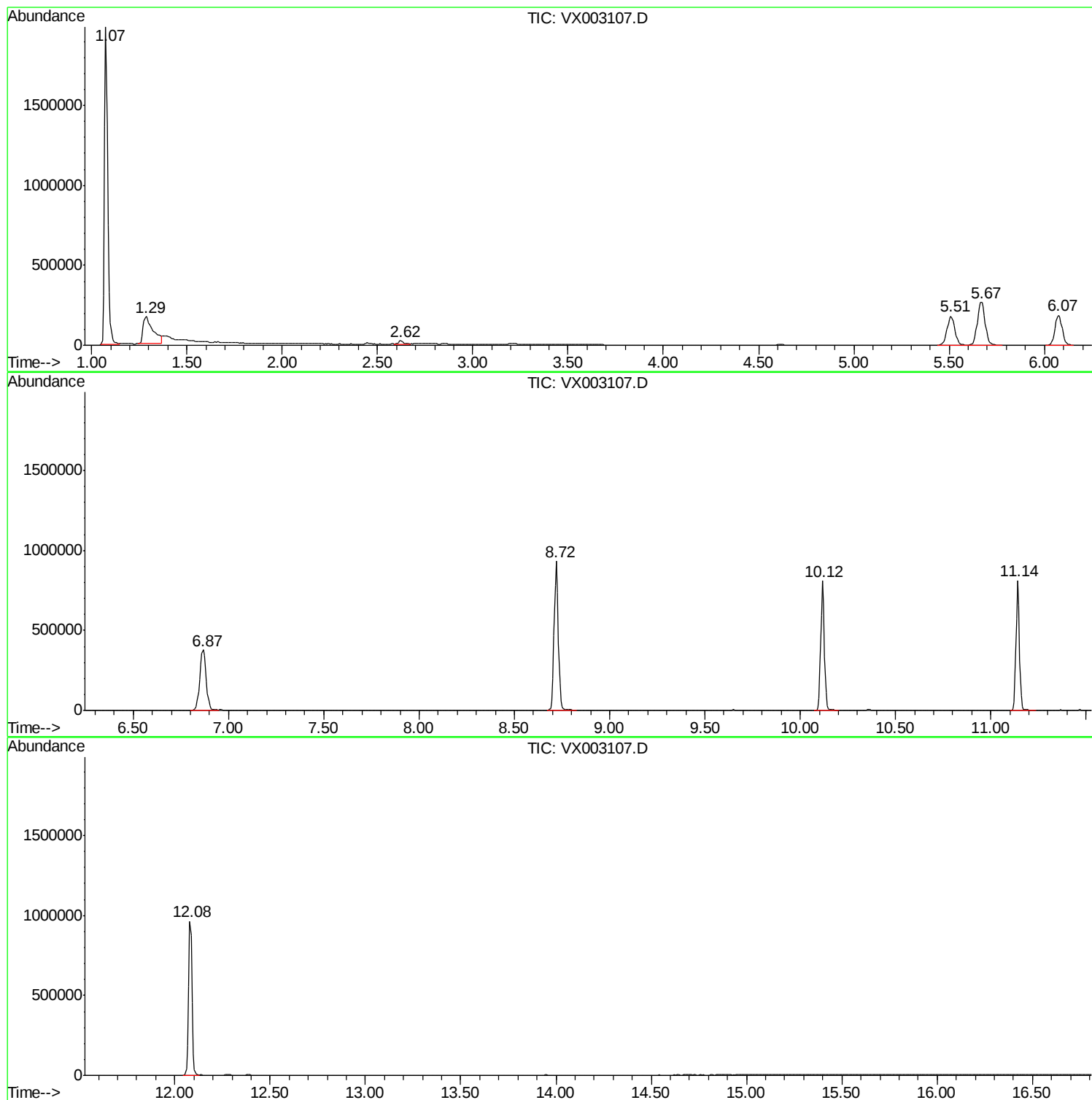
Sum of corrected areas: 10364611

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.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. |
|------|------------|--------|--------------------|------|
| 1.29 | 41.82 ug/l | 627178 | 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   | 1.29 | 41.8    | ug/l  | 627178   | 1                     | 5.67 | 749770 | 50.0 |