

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\  
 Data File : VX002878.D  
 Acq On : 25 Jun 2018 23:54  
 Operator : JC/MD  
 Sample : J3693-07  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 W-31

## 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

| 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      | 2045299        | 2333880       | 100.00%         | 21.457%       |
| 2         | 1.276       | 108           | 113         | 115          | rBV      | 111086         | 143393        | 6.14%           | 1.318%        |
| 3         | 1.325       | 115           | 121         | 146          | rVV      | 436707         | 1604674       | 68.76%          | 14.753%       |
| 4         | 3.209       | 424           | 430         | 440          | rVB2     | 29571          | 73323         | 3.14%           | 0.674%        |
| 5         | 5.507       | 795           | 807         | 821          | rBV      | 157625         | 448300        | 19.21%          | 4.122%        |
| 6         | 5.665       | 821           | 833         | 846          | rVV      | 235518         | 657262        | 28.16%          | 6.043%        |
| 7         | 6.074       | 888           | 900         | 919          | rBV      | 167840         | 439935        | 18.85%          | 4.045%        |
| 8         | 6.866       | 1019          | 1030        | 1048         | rBV      | 338228         | 790106        | 33.85%          | 7.264%        |
| 9         | 8.720       | 1327          | 1334        | 1344         | rBV      | 815362         | 1249862       | 53.55%          | 11.491%       |
| 10        | 10.116      | 1557          | 1563        | 1576         | rVB      | 731001         | 985140        | 42.21%          | 9.057%        |
| 11        | 11.140      | 1725          | 1731        | 1737         | rBV      | 727453         | 902797        | 38.68%          | 8.300%        |
| 12        | 11.926      | 1853          | 1860        | 1862         | rBV2     | 16716          | 27327         | 1.17%           | 0.251%        |
| 13        | 12.079      | 1880          | 1885        | 1896         | rBV      | 853986         | 1085901       | 46.53%          | 9.983%        |
| 14        | 13.987      | 2191          | 2198        | 2204         | rBV2     | 40223          | 71593         | 3.07%           | 0.658%        |
| 15        | 14.377      | 2256          | 2262        | 2267         | rBV      | 22485          | 33621         | 1.44%           | 0.309%        |
| 16        | 14.853      | 2335          | 2340        | 2344         | rBV      | 20963          | 29891         | 1.28%           | 0.275%        |

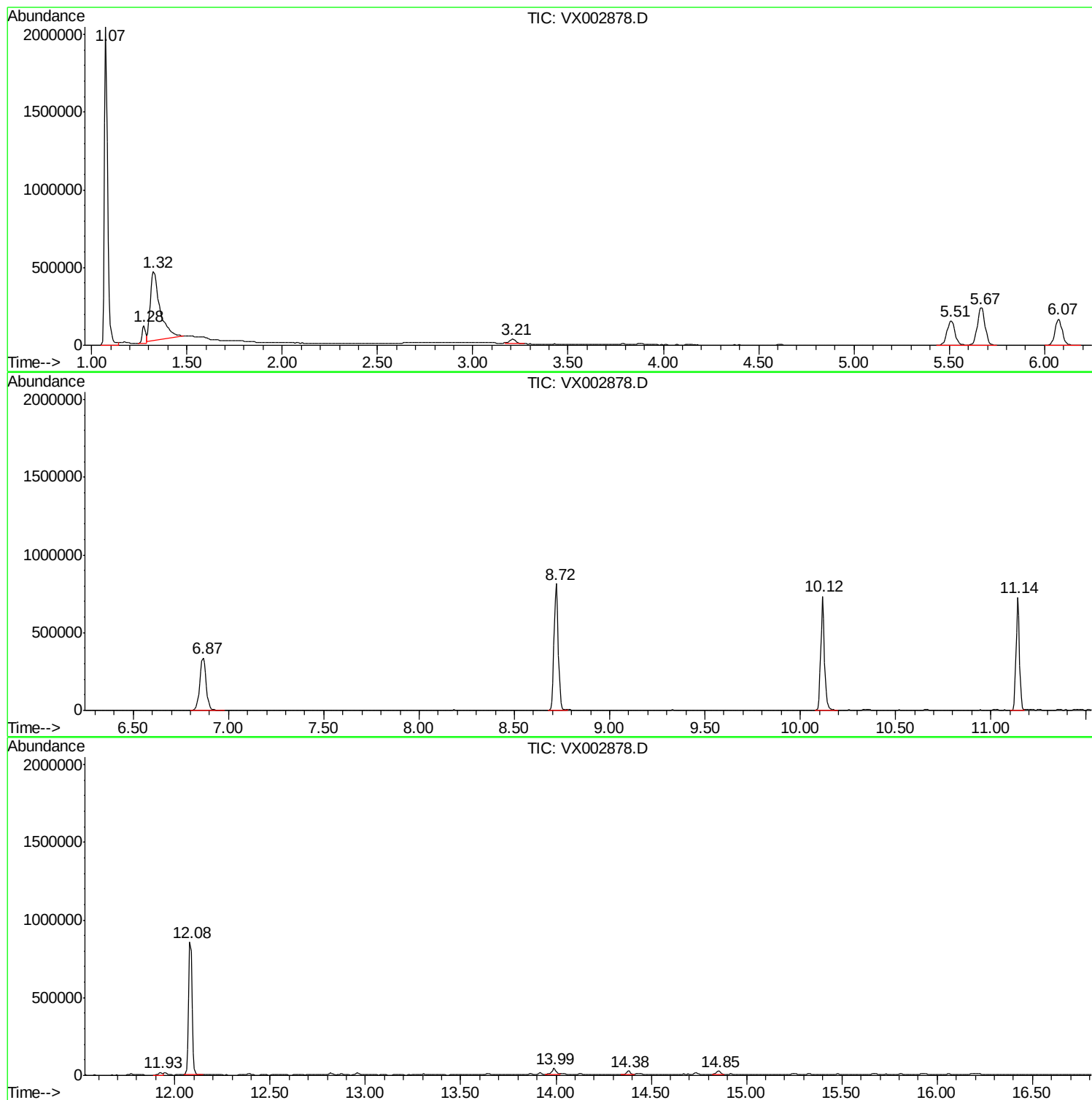
Sum of corrected areas: 10877005

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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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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 3

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.28 | 10.91 ug/l | 143393 | 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   | 1.28 | 10.9    | ug/l  | 143393   | 1                     | 5.67 | 657262 | 50.0 |