

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\  
 Data File : VX008392.D  
 Acq On : 24 Mar 2019 15:18  
 Operator : JC/SP  
 Sample : K1945-10  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 M4-T3-UV(PRE)

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\82X032319W.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         | 1.270       | 15            | 19          | 23           | rBV      | 16837502       | 20008826      | 100.00%         | 75.153%       |
| 2         | 5.500       | 702           | 713         | 726          | rBV      | 137691         | 399477        | 2.00%           | 1.500%        |
| 3         | 5.659       | 726           | 739         | 755          | rVV      | 243550         | 684916        | 3.42%           | 2.573%        |
| 4         | 6.061       | 795           | 805         | 820          | rBV      | 178105         | 465897        | 2.33%           | 1.750%        |
| 5         | 6.860       | 925           | 936         | 949          | rBV      | 400701         | 953972        | 4.77%           | 3.583%        |
| 6         | 8.713       | 1232          | 1240        | 1254         | rBV      | 844157         | 1326559       | 6.63%           | 4.983%        |
| 7         | 10.109      | 1461          | 1469        | 1483         | rBV      | 795791         | 1080504       | 5.40%           | 4.058%        |
| 8         | 11.134      | 1631          | 1637        | 1648         | rBV      | 612854         | 796804        | 3.98%           | 2.993%        |
| 9         | 12.079      | 1785          | 1792        | 1797         | rBV      | 700037         | 907278        | 4.53%           | 3.408%        |

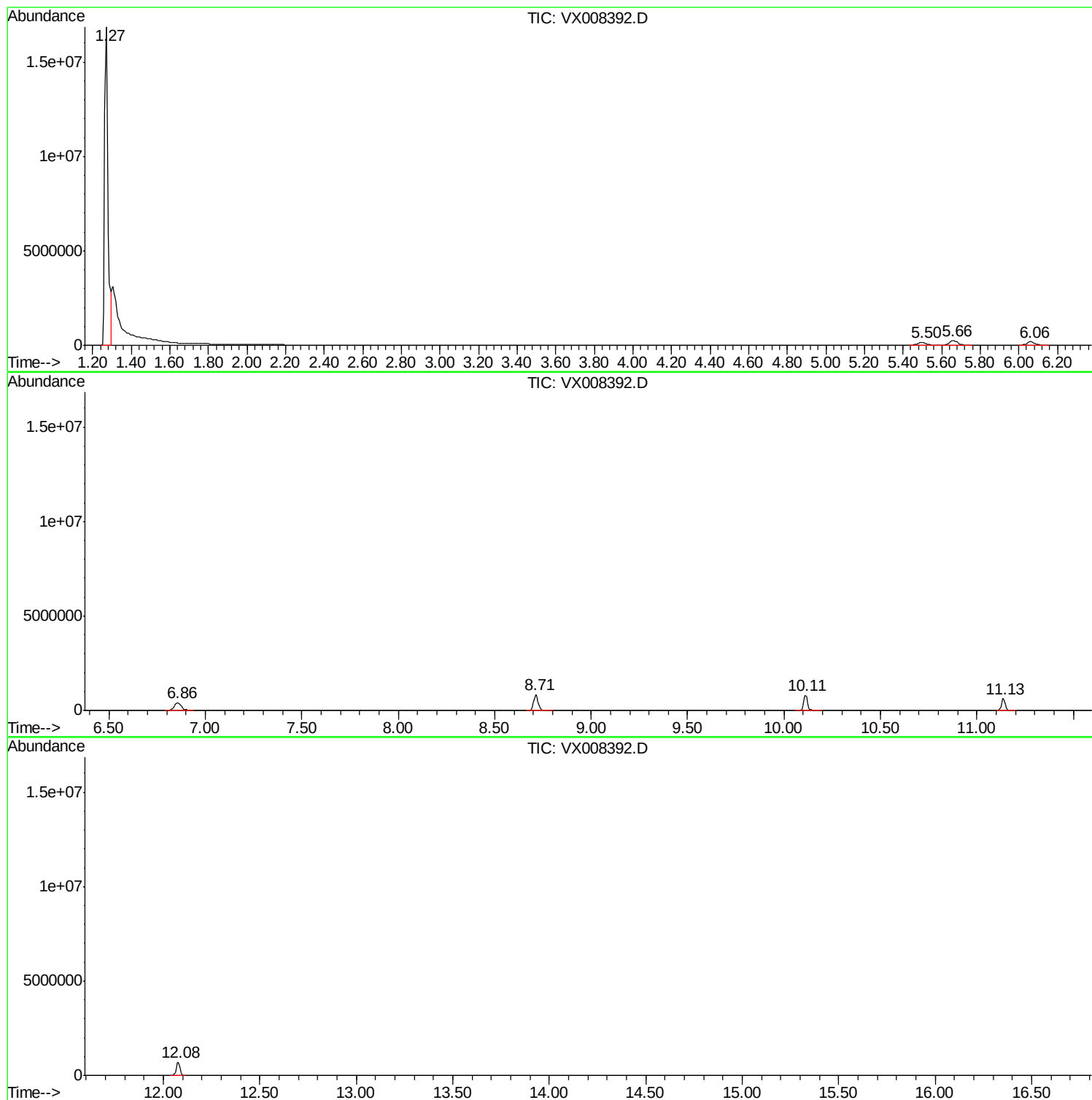
Sum of corrected areas: 26624233

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X032319W.M  
Quant Title : SW846 8260

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



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Peak Number 1 Aminomethanesulfonic acid Concentration Rank 1

| R.T. | EstConc      | Area     | Relative to ISTD   | R.T. |
|------|--------------|----------|--------------------|------|
| 1.27 | 1460.68 ug/l | 20008800 | Pentafluorobenzene | 5.66 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Aminomethanesulfonic acid | 111 | CH5N03S  | 013881-91-9 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7N05S | 000498-40-8 | 64   |
| 4    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 5    |
| 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 |
| Aminomethanesulfo... | 1.27 | 1460.7  | ug/l  | 20008800 | 1                     | 5.66 | 684916 | 50.0 |