

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\  
 Data File : VN049323.D  
 Acq On : 16 Jun 2018 21:12  
 Operator : MD\SY  
 Sample : J3562-02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 W-19

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.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         | 1.657       | 3             | 21          | 48           | rBV      | 4386344        | 6513918       | 70.73%          | 13.369%       |
| 2         | 1.989       | 114           | 124         | 141          | rBV      | 268009         | 509117        | 5.53%           | 1.045%        |
| 3         | 7.593       | 1846          | 1867        | 1878         | rBV      | 1230186        | 3088561       | 33.54%          | 6.339%        |
| 4         | 7.667       | 1878          | 1890        | 1929         | rVB      | 1886748        | 4580743       | 49.74%          | 9.401%        |
| 5         | 8.030       | 1984          | 2003        | 2035         | rBV      | 1228518        | 2914813       | 31.65%          | 5.982%        |
| 6         | 8.233       | 2042          | 2066        | 2068         | rBV3     | 117798         | 372128        | 4.04%           | 0.764%        |
| 7         | 8.586       | 2160          | 2176        | 2217         | rVB      | 2669110        | 5789662       | 62.87%          | 11.883%       |
| 8         | 10.091      | 2625          | 2644        | 2678         | rBV      | 4983699        | 9209099       | 100.00%         | 18.901%       |
| 9         | 11.410      | 3038          | 3054        | 3084         | rBV      | 3614286        | 6337809       | 68.82%          | 13.008%       |
| 10        | 12.403      | 3349          | 3363        | 3382         | rBV      | 2858332        | 4963335       | 53.90%          | 10.187%       |
| 11        | 13.348      | 3642          | 3657        | 3672         | rVB      | 2621562        | 4332732       | 47.05%          | 8.892%        |
| 12        | 14.040      | 3865          | 3872        | 3887         | rVB6     | 48690          | 111846        | 1.21%           | 0.230%        |

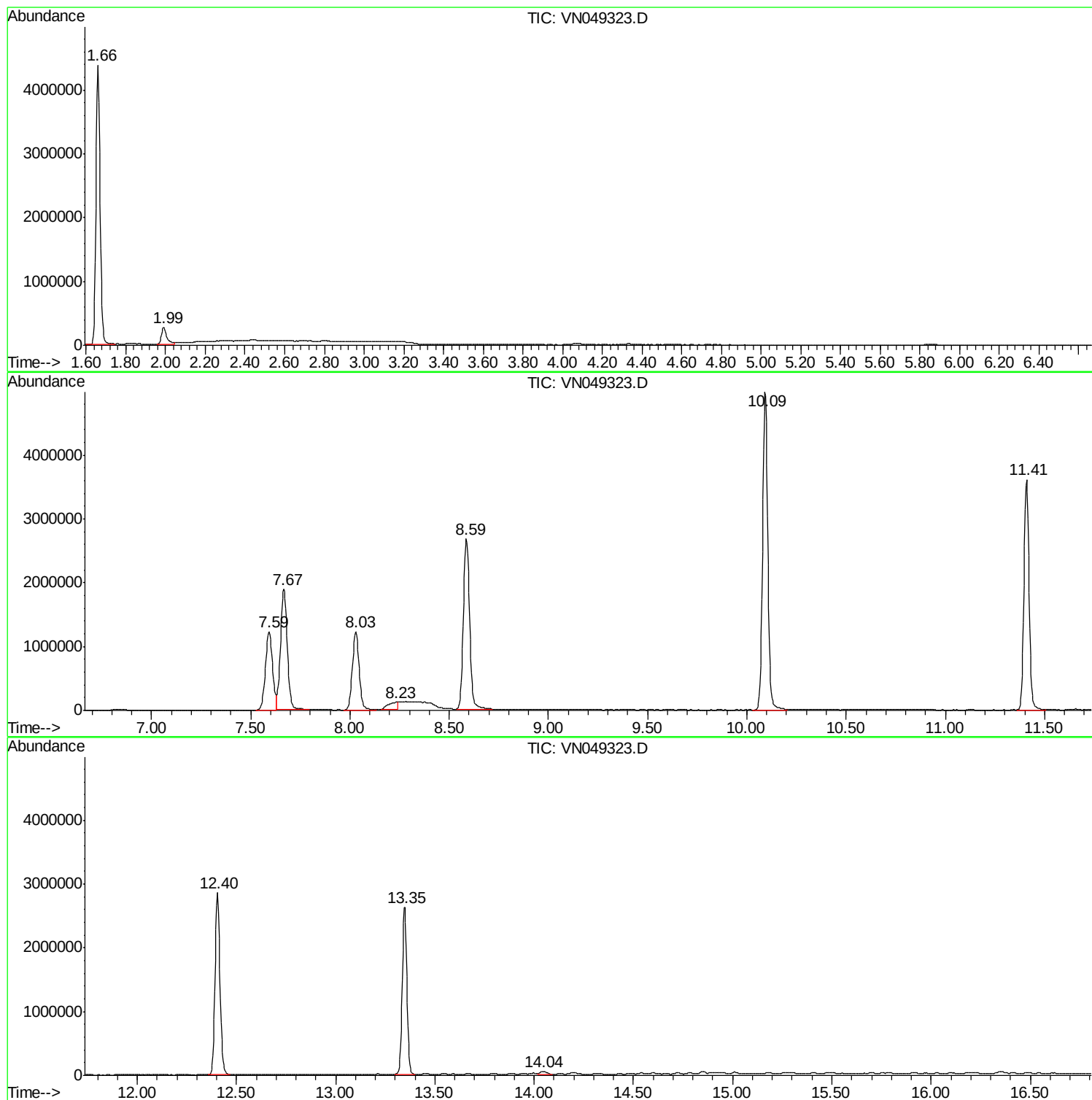
Sum of corrected areas: 48723763

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061618\  
Data File : VN049323.D  
Acq On : 16 Jun 2018 21:12  
Operator : MD\SY  
Sample : J3562-02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
W-19

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN061618\  
Data File : VN049323.D  
Acq On : 16 Jun 2018 21:12  
Operator : MD\SY  
Sample : J3562-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
W-19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 1.99 | 5.56 ug/l | 509117 | Pentafluorobenzene | 7.67 |

| 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 | 7    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN061618\  
Data File : VN049323.D  
Acq On : 16 Jun 2018 21:12  
Operator : MD\SY  
Sample : J3562-02  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
W-19

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| Sulfur dioxide   | 1.99 | 5.6     | ug/l  | 509117   | 1                     | 7.67 | 4580740 | 50.0 |