

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071519\  
Data File : VX010875.D  
Acq On : 15 Jul 2019 11:36  
Operator : JC/SP  
Sample : K3788-01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
2056

## 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\82X061919W.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         | 1.276       | 16            | 20          | 24           | rBV      | 772233         | 965588        | 84.66%          | 12.817%       |
| 2         | 1.312       | 24            | 26          | 44           | rVB      | 167148         | 447301        | 39.22%          | 5.937%        |
| 3         | 5.500       | 702           | 713         | 725          | rBV      | 142453         | 402154        | 35.26%          | 5.338%        |
| 4         | 5.665       | 727           | 740         | 756          | rVB      | 228468         | 651423        | 57.11%          | 8.647%        |
| 5         | 6.061       | 795           | 805         | 819          | rBV      | 134429         | 355226        | 31.14%          | 4.715%        |
| 6         | 6.860       | 926           | 936         | 949          | rBV      | 345544         | 821627        | 72.03%          | 10.906%       |
| 7         | 8.713       | 1232          | 1240        | 1249         | rBV      | 743532         | 1140599       | 100.00%         | 15.140%       |
| 8         | 10.109      | 1462          | 1469        | 1482         | rBV      | 734736         | 994987        | 87.23%          | 13.207%       |
| 9         | 11.134      | 1631          | 1637        | 1650         | rBV      | 632635         | 804696        | 70.55%          | 10.681%       |
| 10        | 12.079      | 1786          | 1792        | 1802         | rBV      | 708194         | 950176        | 83.31%          | 12.612%       |

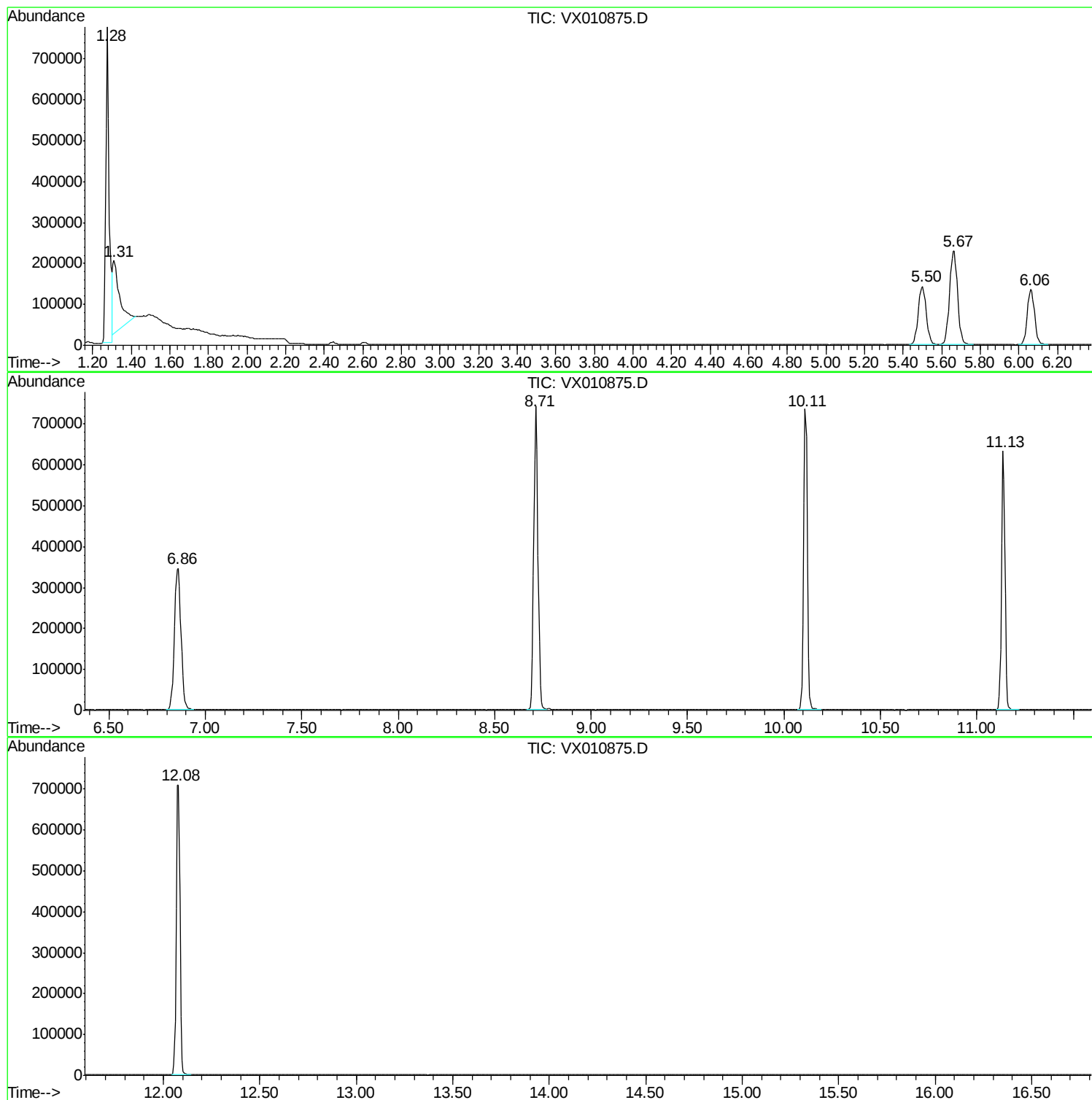
Sum of corrected areas: 7533777

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

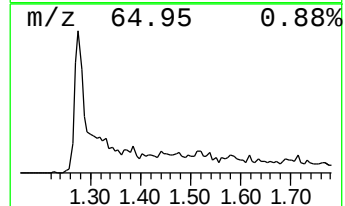
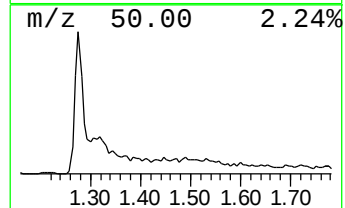
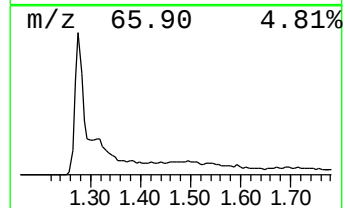
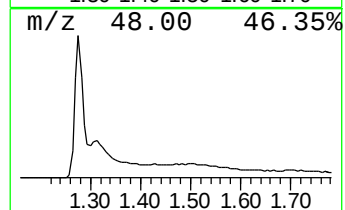
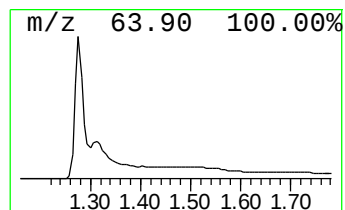
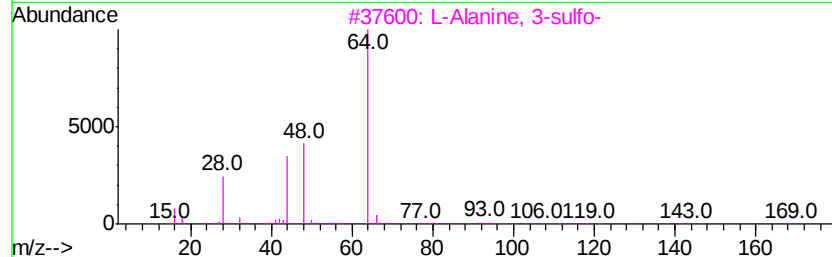
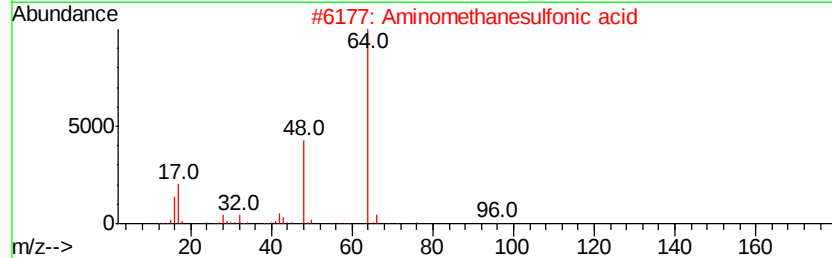
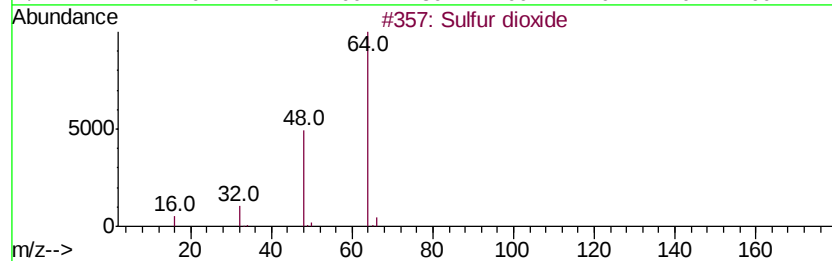
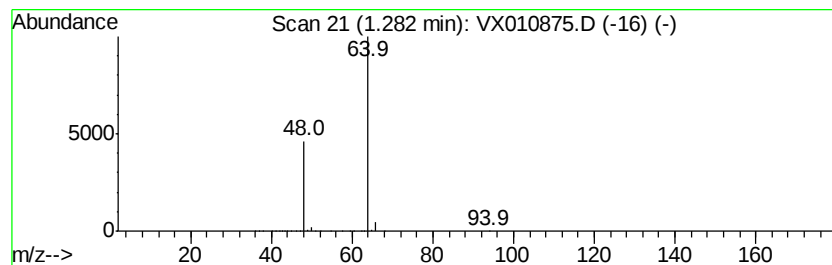
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.28 | 74.11 ug/l | 965588 | 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 | 74.1    | ug/l  | 965588   | 1                     | 5.67 | 651423 | 50.0 |