

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090222\  
Data File : VN074304.D  
Acq On : 02 Sep 2022 23:01  
Operator : JC\MD  
Sample : N4376-07  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-18R

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\82N090222W.M

Title : SW846 8260

Signal : TIC: VN074304.D\data.ms

| 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         | 2.275       | 54            | 66          | 71           | rBV      | 188090         | 711846        | 51.95%          | 8.096%        |
| 2         | 2.704       | 132           | 139         | 146          | rVB4     | 102675         | 292998        | 21.38%          | 3.332%        |
| 3         | 7.951       | 1021          | 1031        | 1036         | rBV      | 209421         | 504459        | 36.81%          | 5.737%        |
| 4         | 8.016       | 1036          | 1042        | 1051         | rVB      | 325306         | 755185        | 55.11%          | 8.589%        |
| 5         | 8.369       | 1093          | 1102        | 1113         | rBV      | 214639         | 492224        | 35.92%          | 5.598%        |
| 6         | 8.904       | 1184          | 1193        | 1206         | rBV      | 503363         | 1034497       | 75.49%          | 11.766%       |
| 7         | 10.380      | 1435          | 1444        | 1454         | rBV      | 743658         | 1370381       | 100.00%         | 15.586%       |
| 8         | 11.686      | 1658          | 1666        | 1677         | rBV      | 745844         | 1342073       | 97.93%          | 15.264%       |
| 9         | 12.669      | 1825          | 1833        | 1846         | rBV      | 598571         | 1022784       | 74.64%          | 11.632%       |
| 10        | 13.610      | 1986          | 1993        | 2007         | rBV      | 779291         | 1266046       | 92.39%          | 14.399%       |

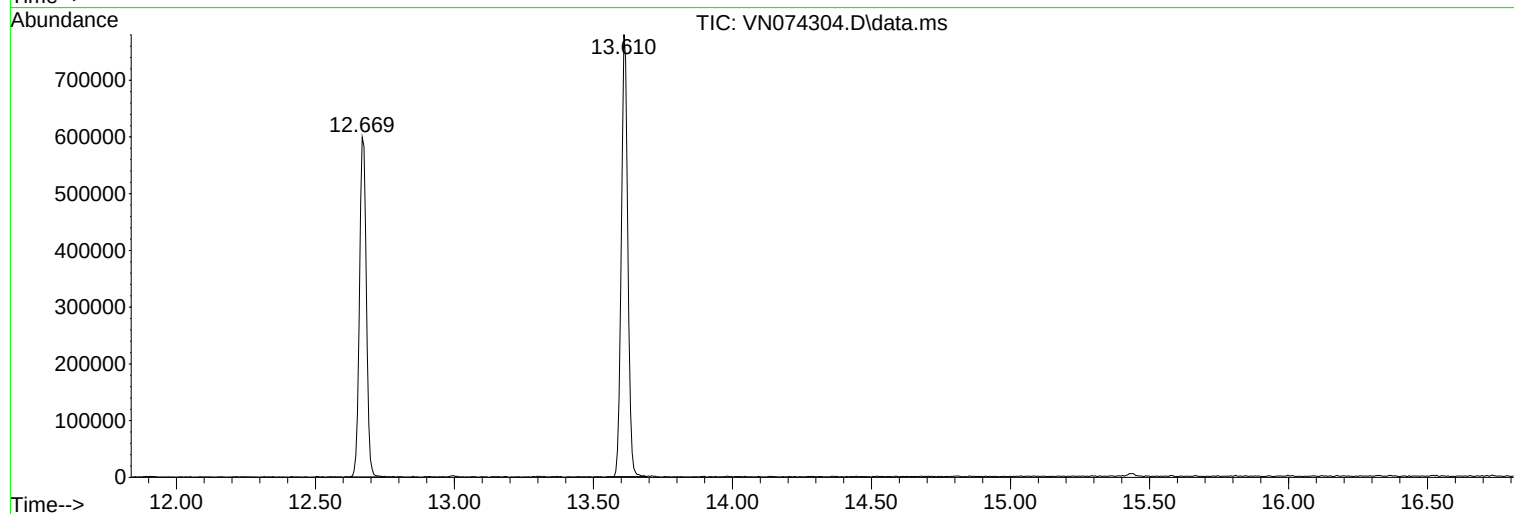
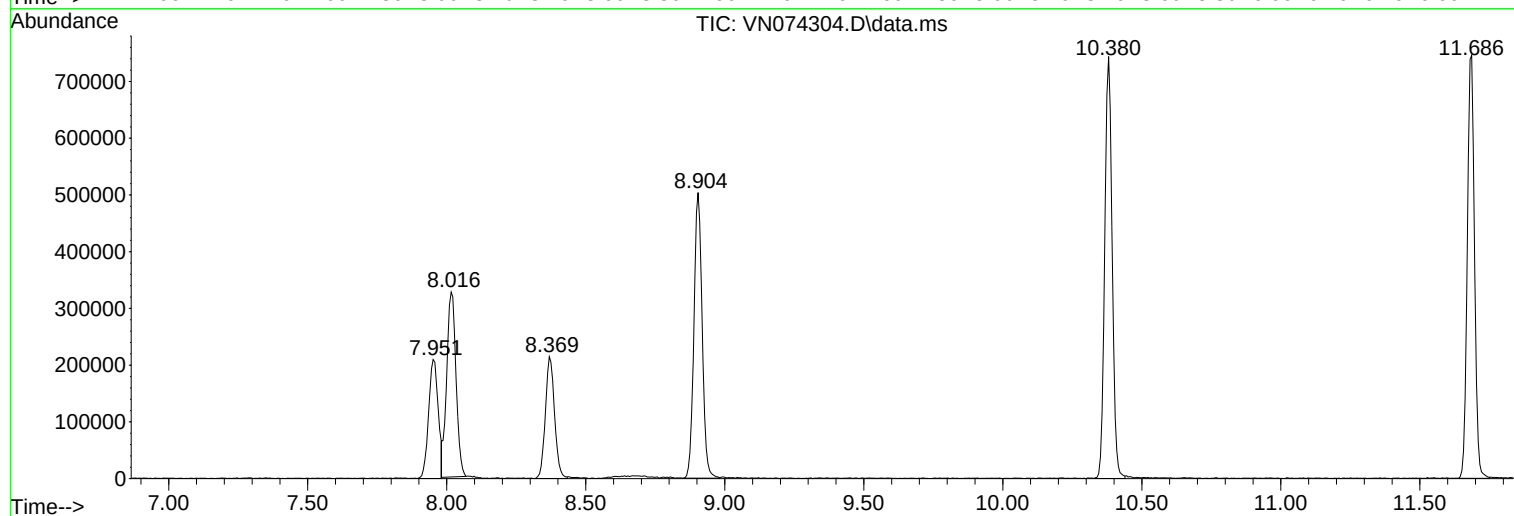
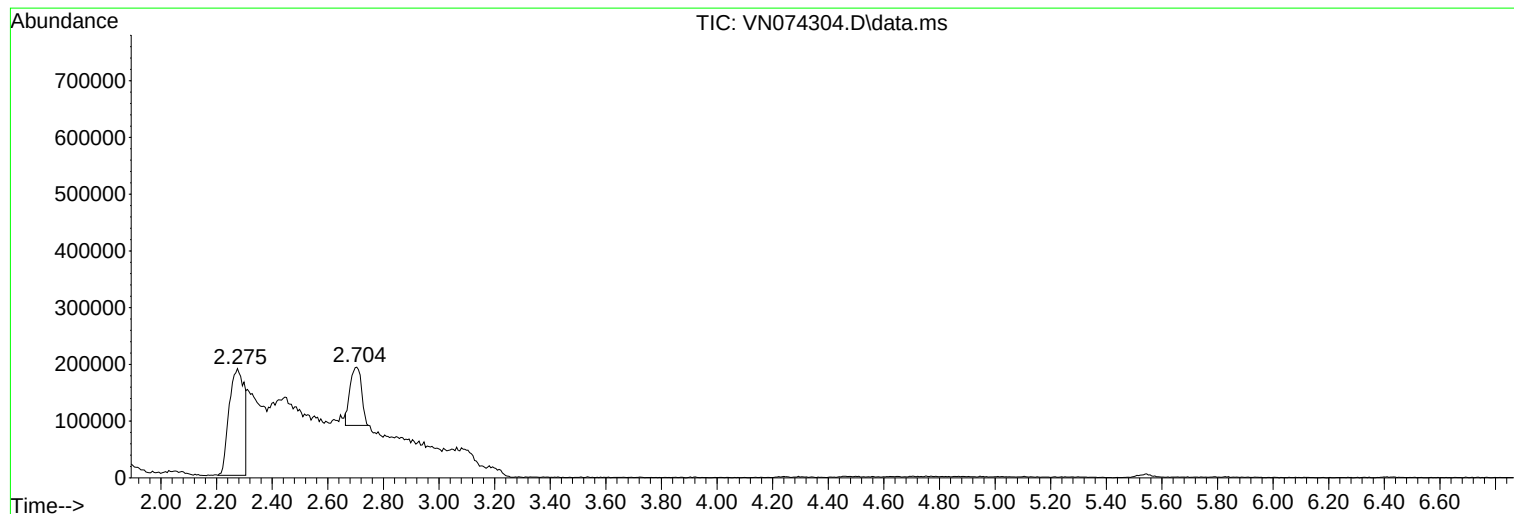
Sum of corrected areas: 8792493

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090222W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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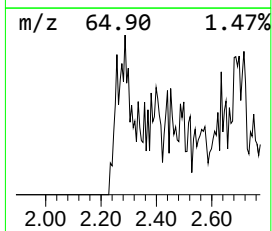
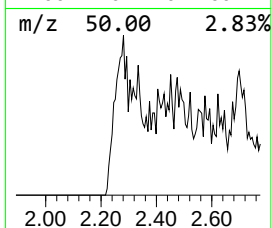
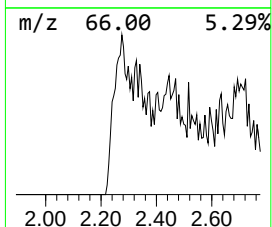
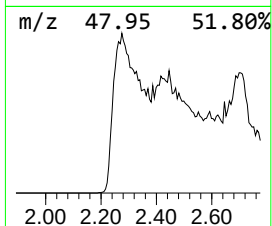
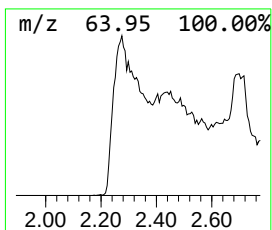
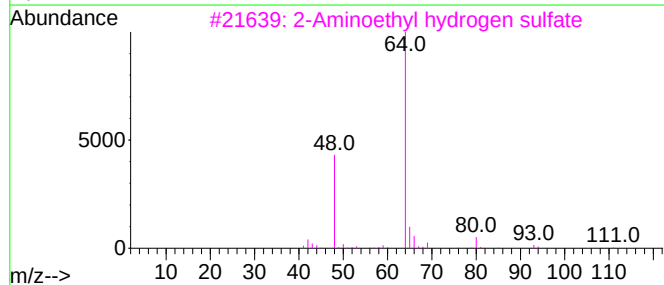
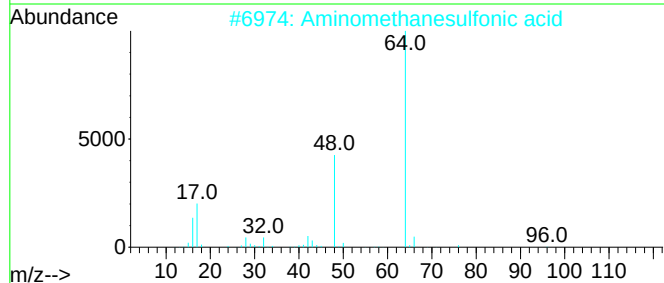
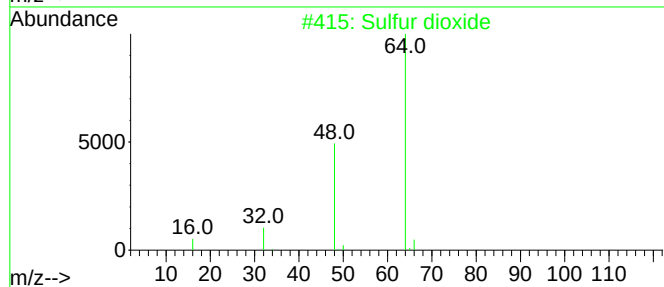
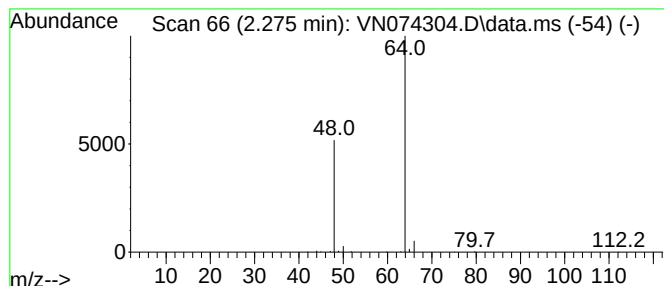
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.275 | 47.13 ug/l | 711846 | Pentafluorobenzene | 8.016 |

| 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    |    |   | 2-Aminoethyl hydrogen sulfate | 141 | C2H7NO4S | 000926-39-6 | 74   |
| 4    |    |   | L-Alanine, 3-sulfo-           | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Ethene, 1,1-difluoro-         | 64  | C2H2F2   | 000075-38-7 | 5    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.275 | 47.1    | ug/l  | 711846   | 1                     | 8.016 | 755185 | 50.0 |