

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091622\  
 Data File : VN074514.D  
 Acq On : 16 Sep 2022 16:46  
 Operator : JC\MD  
 Sample : N4508-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 EB02-090222

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\_N\methods\82N091522W.M

Title : SW846 8260

Signal : TIC: VN074514.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         | 2.199       | 48            | 53          | 60           | rBV      | 136485         | 279309        | 13.01%          | 2.286%        |
| 2         | 2.687       | 132           | 136         | 140          | rBV3     | 40912          | 85766         | 3.99%           | 0.702%        |
| 3         | 4.234       | 391           | 399         | 407          | rBV2     | 19752          | 53940         | 2.51%           | 0.441%        |
| 4         | 7.240       | 900           | 910         | 921          | rBV4     | 34502          | 107594        | 5.01%           | 0.880%        |
| 5         | 7.951       | 1021          | 1031        | 1036         | rBV      | 291332         | 710303        | 33.08%          | 5.813%        |
| 6         | 8.016       | 1036          | 1042        | 1054         | rVB2     | 440936         | 1021467       | 47.57%          | 8.359%        |
| 7         | 8.369       | 1090          | 1102        | 1115         | rBV2     | 334908         | 775333        | 36.11%          | 6.345%        |
| 8         | 8.904       | 1183          | 1193        | 1206         | rBV      | 752936         | 1553410       | 72.35%          | 12.712%       |
| 9         | 10.381      | 1436          | 1444        | 1456         | rBV      | 1174129        | 2147200       | 100.00%         | 17.571%       |
| 10        | 11.686      | 1658          | 1666        | 1677         | rBV      | 1192136        | 2077584       | 96.76%          | 17.001%       |
| 11        | 12.674      | 1827          | 1834        | 1842         | rBV2     | 952870         | 1586732       | 73.90%          | 12.985%       |
| 12        | 13.616      | 1986          | 1994        | 2002         | rBV      | 1112942        | 1821535       | 84.83%          | 14.906%       |

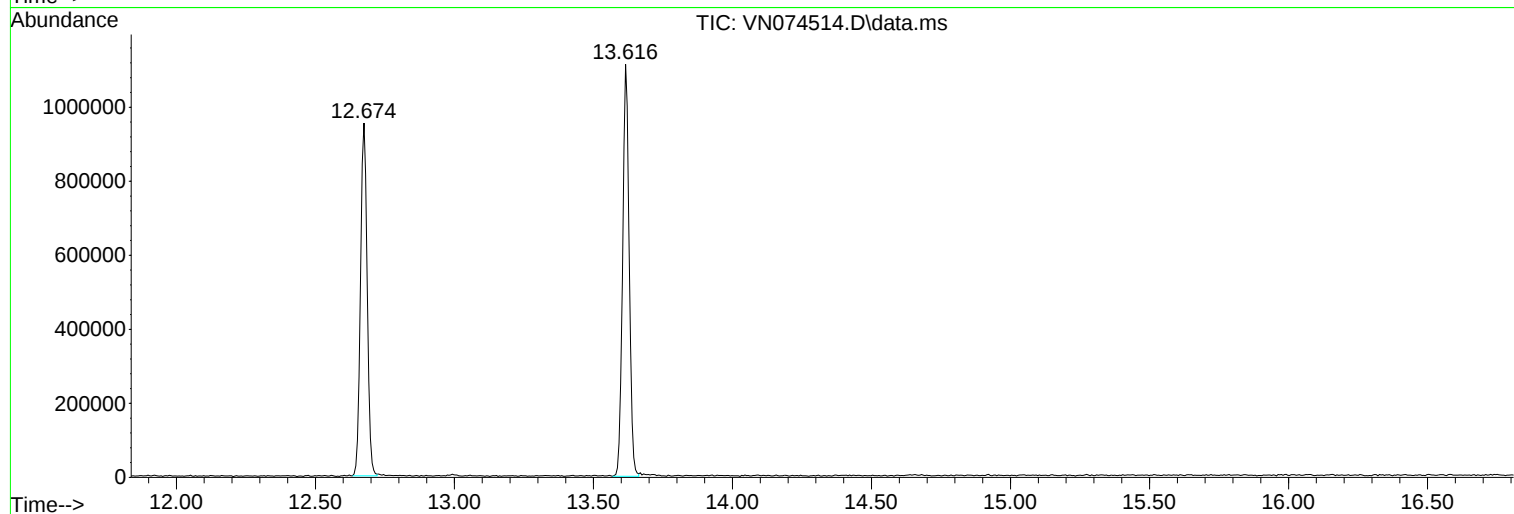
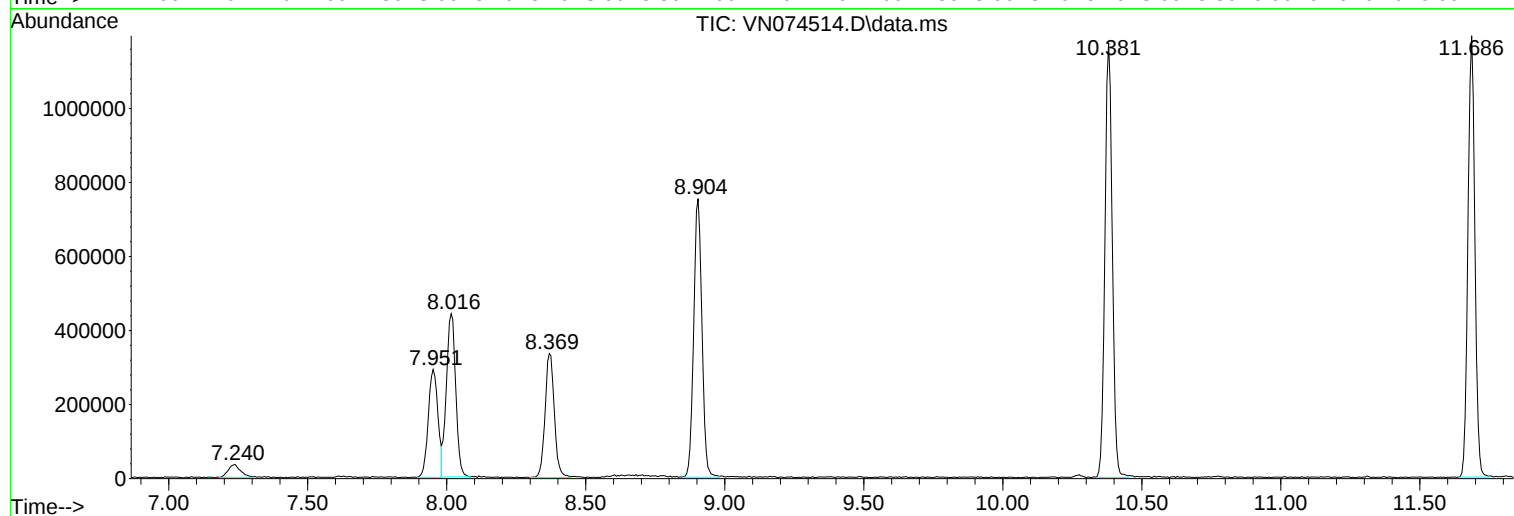
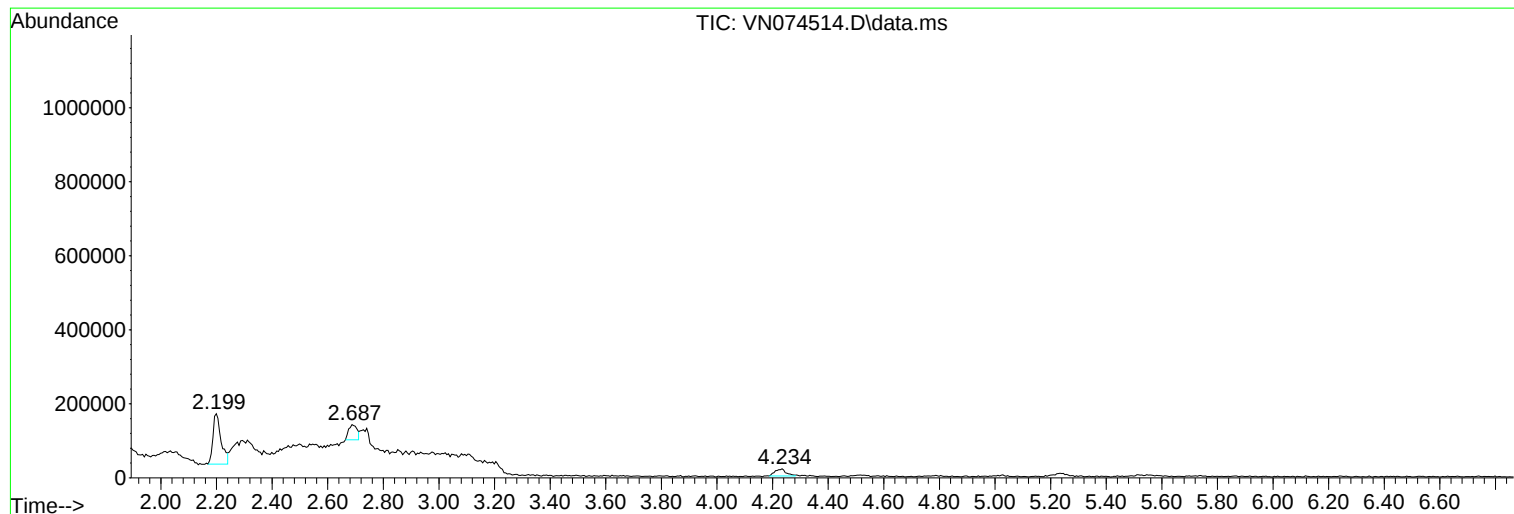
Sum of corrected areas: 12220173

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

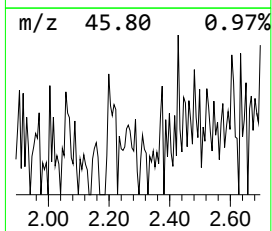
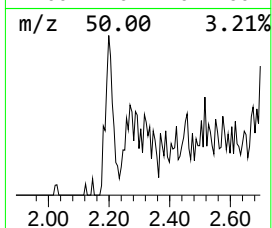
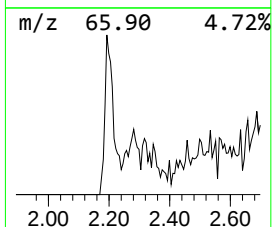
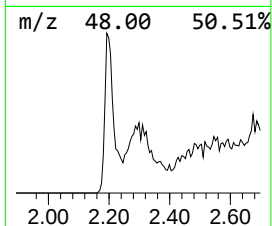
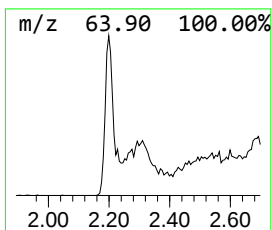
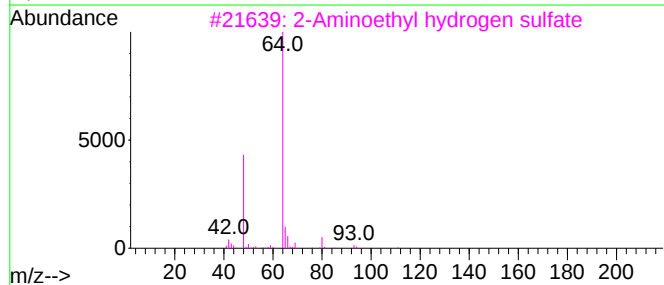
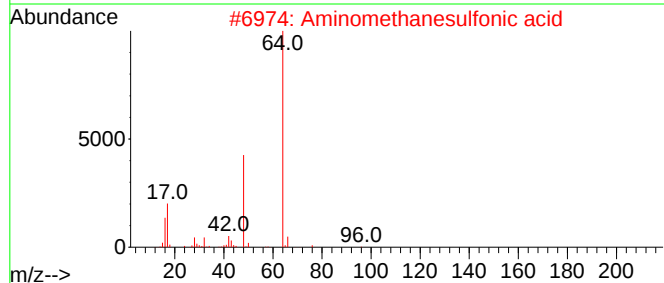
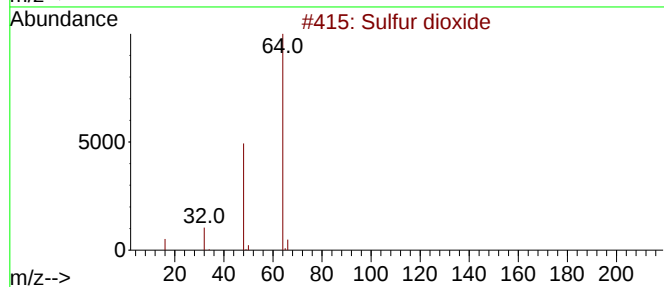
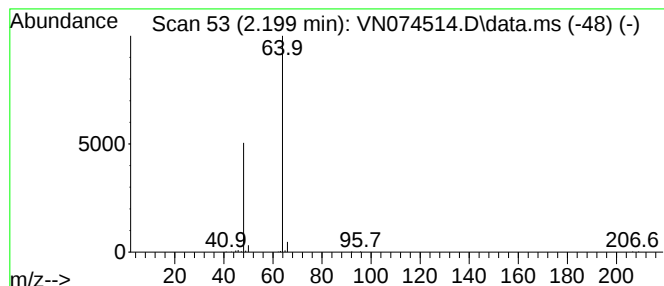
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.199 | 13.67 ug/l | 279309 | 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    |    |   | 1,1,1,2,2,3,3,4,4,5,5-Undecafluorooctane | 602 | C10F22O2S | 1000486-78-5 | 64   |
| 5    |    |   | L-Alanine, 3-sulfo-                      | 169 | C3H7NO5S  | 000498-40-8  | 64   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Sulfur dioxide   | 2.199 | 13.7    | ug/l  | 279309   | 1                     | 8.016 | 1021470 | 50.0 |