

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110223\  
Data File : VN079833.D  
Acq On : 03 Nov 2023 08:19  
Operator : JC\MD  
Sample : 05222-18  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
FSND-MW-EVAL-03D-20231101

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\82N110123W.M

Title : SW846 8260

Signal : TIC: VN079833.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         | 2.289       | 50            | 57          | 63           | rBV      | 38565          | 91864         | 1.85%           | 0.709%        |
| 2         | 8.171       | 1047          | 1057        | 1062         | rBV      | 228904         | 570813        | 11.48%          | 4.404%        |
| 3         | 8.230       | 1062          | 1067        | 1078         | rVB      | 304795         | 669258        | 13.46%          | 5.163%        |
| 4         | 8.583       | 1117          | 1127        | 1140         | rBV      | 239039         | 545408        | 10.97%          | 4.208%        |
| 5         | 9.106       | 1205          | 1216        | 1234         | rBV      | 519146         | 1057982       | 21.27%          | 8.162%        |
| 6         | 9.353       | 1247          | 1258        | 1278         | rBV      | 2474888        | 4973753       | 100.00%         | 38.371%       |
| 7         | 10.571      | 1454          | 1465        | 1478         | rBV      | 873088         | 1584164       | 31.85%          | 12.221%       |
| 8         | 11.865      | 1674          | 1685        | 1696         | rBV      | 776898         | 1412031       | 28.39%          | 10.893%       |
| 9         | 12.853      | 1846          | 1853        | 1865         | rVB      | 561006         | 952539        | 19.15%          | 7.348%        |
| 10        | 13.794      | 2005          | 2013        | 2020         | rBV      | 681350         | 1104577       | 22.21%          | 8.521%        |

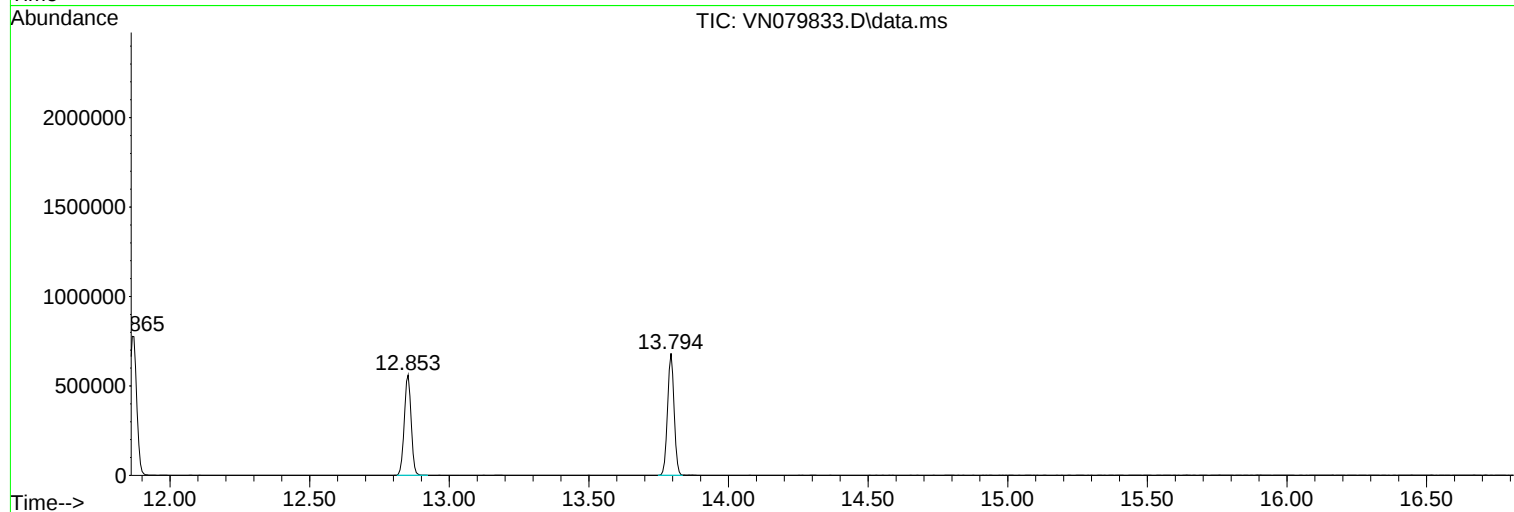
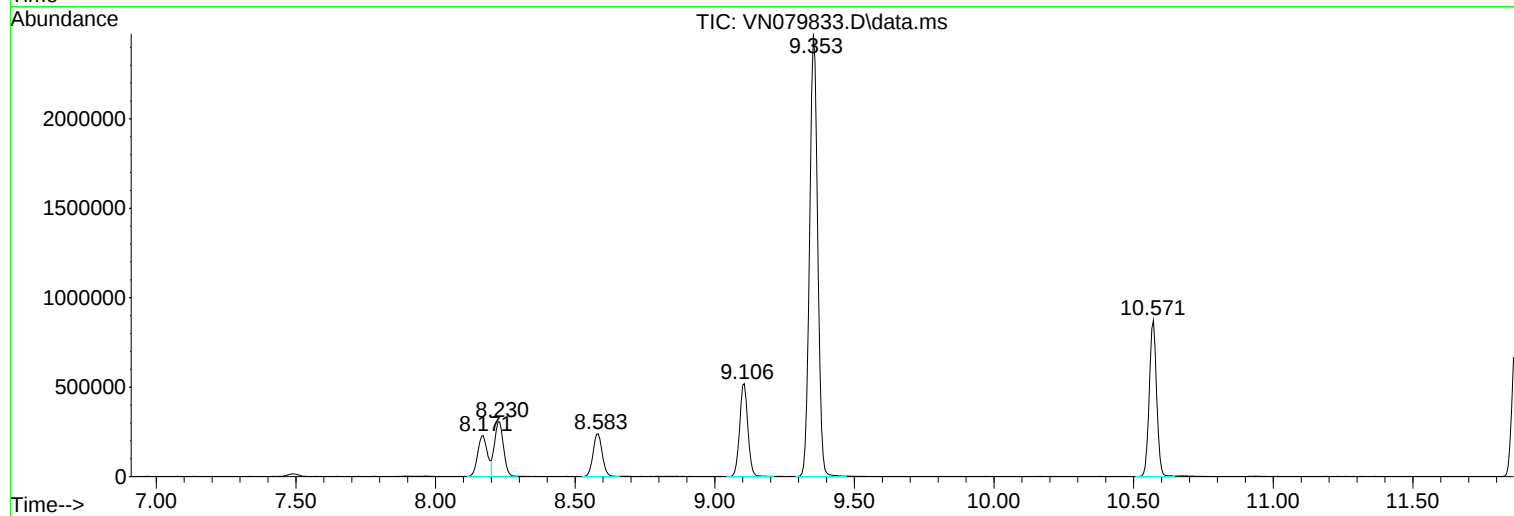
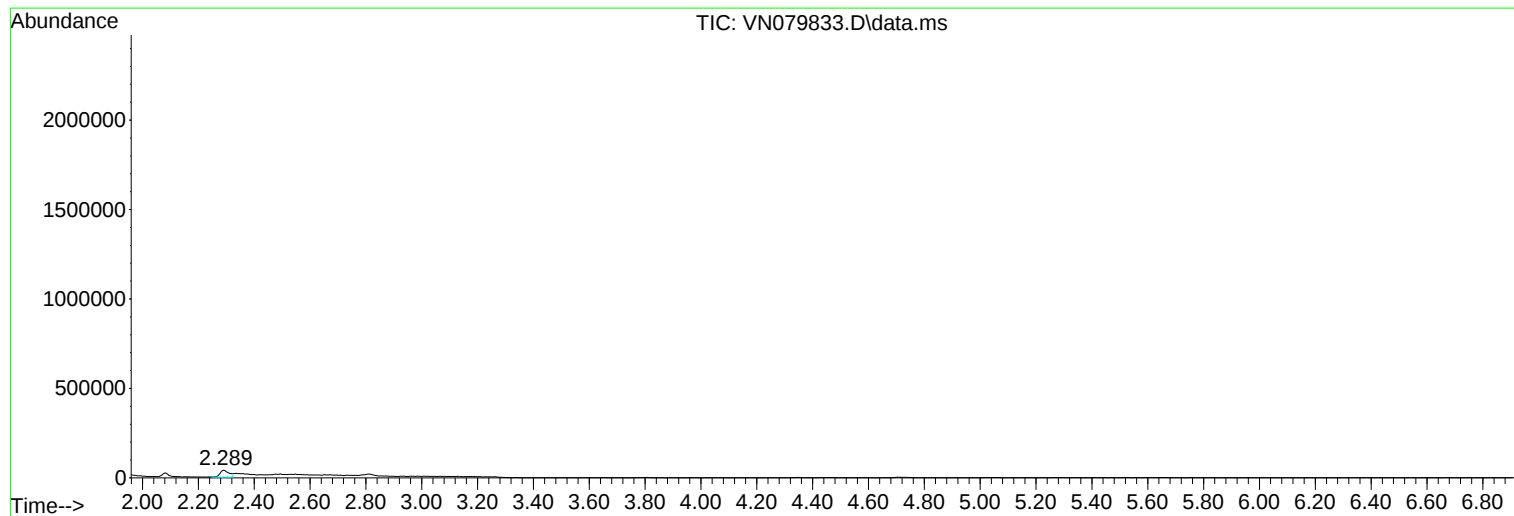
Sum of corrected areas: 12962389

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260

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



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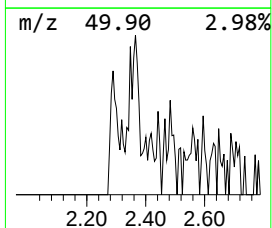
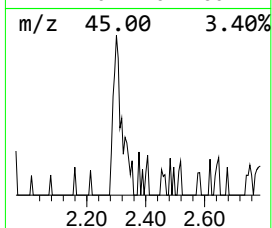
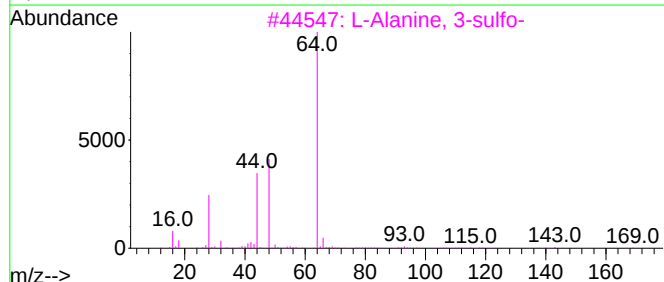
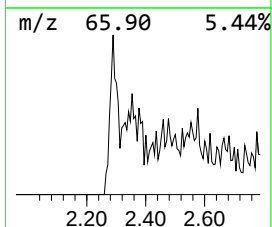
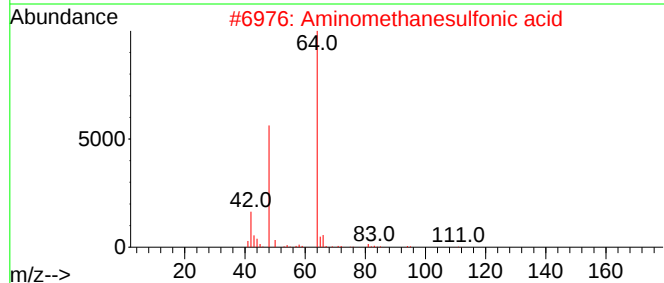
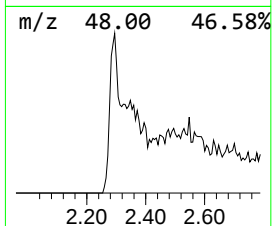
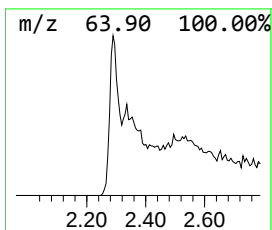
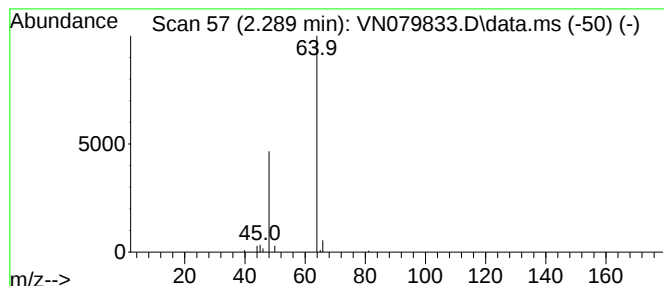
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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.289 | 6.86 ug/l | 91864 | Pentafluorobenzene | 8.230 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide                | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Aminomethanesulfonic acid     | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 3    |    |   | L-Alanine, 3-sulfo-           | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | 2-Aminoethyl hydrogen sulfate | 141 | C2H7NO4S | 000926-39-6 | 9    |
| 5    |    |   | Ethene, 1,1-difluoro-         | 64  | C2H2F2   | 000075-38-7 | 7    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.289 | 6.9     | ug/l  | 91864    | 1                     | 8.230 | 669258 | 50.0 |