

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042922\  
 Data File : VN072280.D  
 Acq On : 29 Apr 2022 19:22  
 Operator : JC\MD  
 Sample : N2617-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-16

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\82N042622W.M

Title : SW846 8260

Signal : TIC: VN072280.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         | 2.234       | 36            | 42          | 64           | rVB2     | 55556          | 208224        | 21.20%          | 4.073%        |
| 2         | 2.751       | 124           | 130         | 136          | rVB2     | 6033           | 12218         | 1.24%           | 0.239%        |
| 3         | 4.575       | 432           | 440         | 449          | rBV2     | 7366           | 23179         | 2.36%           | 0.453%        |
| 4         | 8.016       | 1016          | 1025        | 1031         | rBV      | 138423         | 346826        | 35.32%          | 6.785%        |
| 5         | 8.086       | 1031          | 1037        | 1050         | rVB2     | 242604         | 560222        | 57.05%          | 10.959%       |
| 6         | 8.433       | 1087          | 1096        | 1105         | rBV      | 171795         | 398614        | 40.59%          | 7.798%        |
| 7         | 8.963       | 1175          | 1186        | 1199         | rBV      | 353725         | 743006        | 75.66%          | 14.535%       |
| 8         | 10.439      | 1428          | 1437        | 1448         | rBV      | 539225         | 981975        | 100.00%         | 19.210%       |
| 9         | 11.739      | 1650          | 1658        | 1671         | rBV      | 449436         | 816447        | 83.14%          | 15.972%       |
| 10        | 12.727      | 1819          | 1826        | 1836         | rBV      | 299790         | 527589        | 53.73%          | 10.321%       |
| 11        | 13.668      | 1979          | 1986        | 1996         | rBV      | 290120         | 493500        | 50.26%          | 9.654%        |

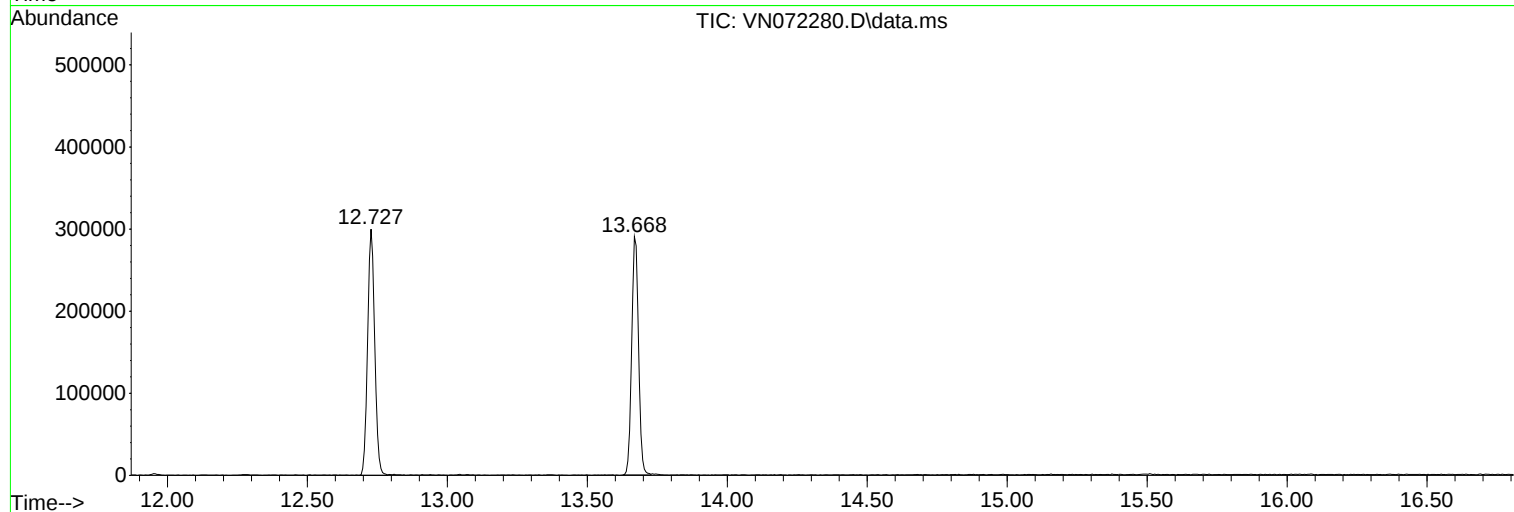
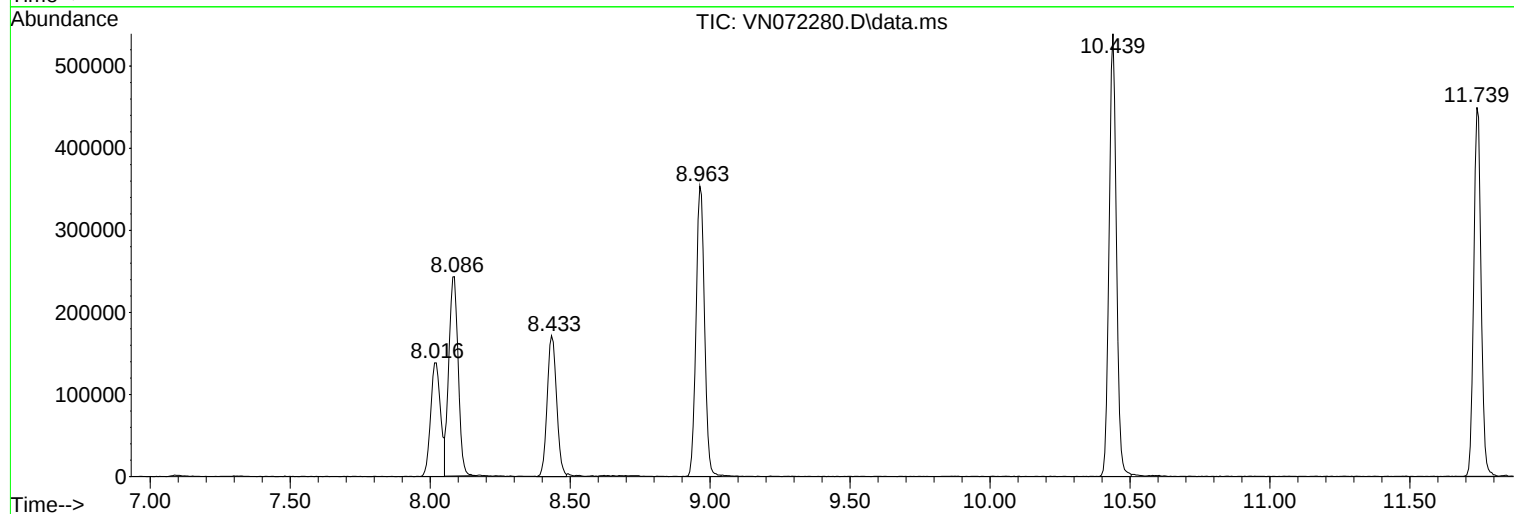
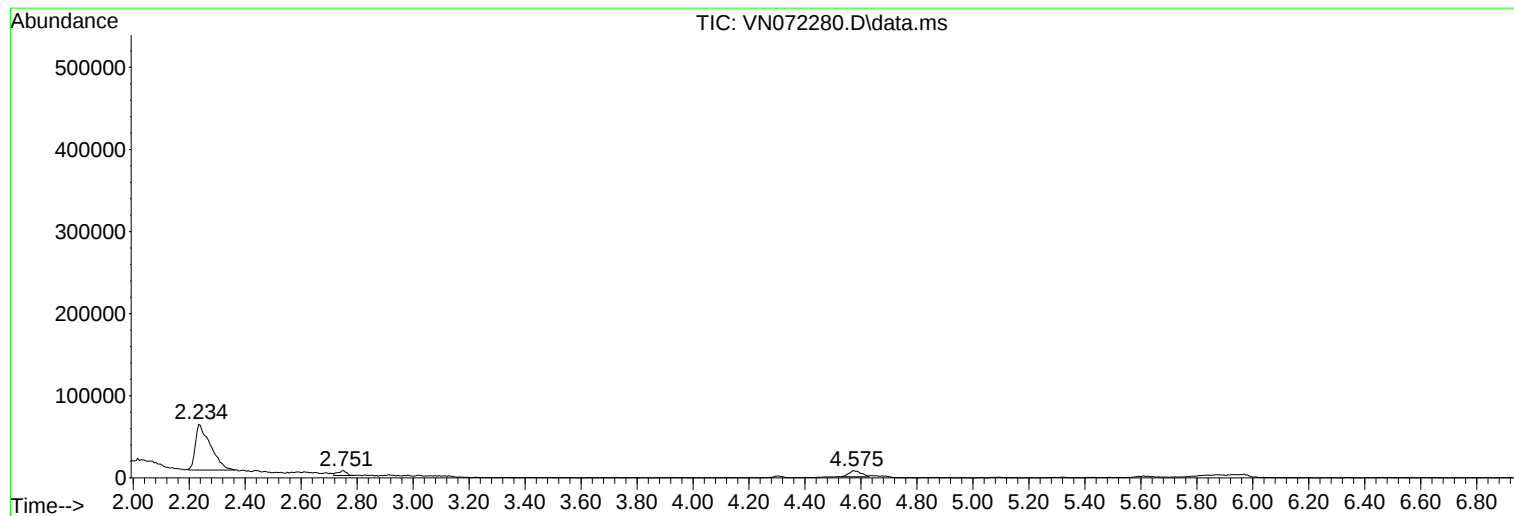
Sum of corrected areas: 5111800

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260

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



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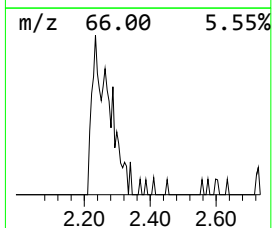
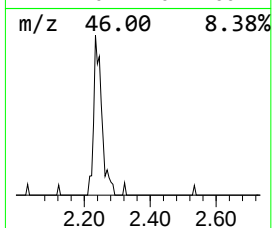
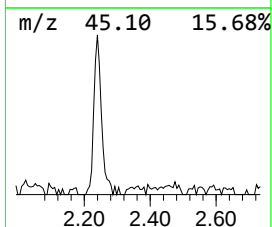
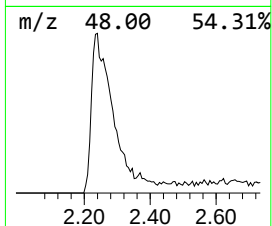
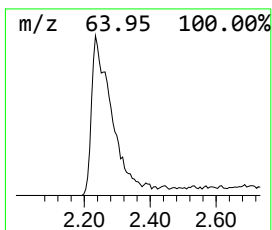
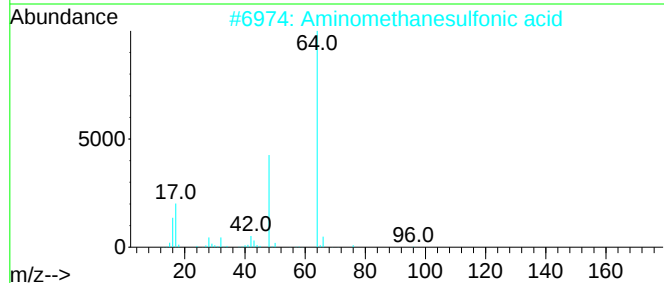
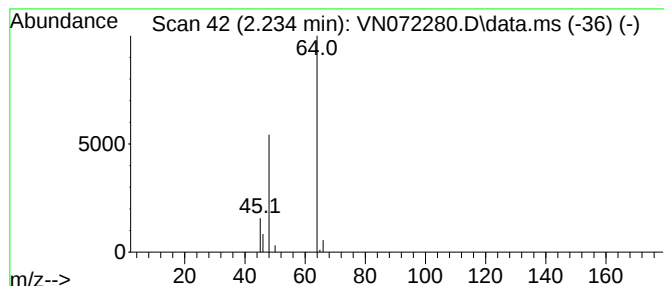
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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.234 | 18.58 ug/l | 208224 | Pentafluorobenzene | 8.086 |

| 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    |    |   | Ethene, 1,2-difluoro-     | 64  | C2H2F2   | 001691-13-0 | 5    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.234 | 18.6    | ug/l  | 208224   | 1                     | 8.086 | 560222 | 50.0 |