

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
Data File : VN071788.D  
Acq On : 02 Apr 2022 06:11  
Operator : JC\MD  
Sample : N2200-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-30D

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\82N033022W.M

Title : SW846 8260

Signal : TIC: VN071788.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          | 60           | rBV      | 175654         | 631233        | 18.62%          | 3.591%        |
| 2         | 4.581       | 432           | 441         | 449          | rBV3     | 15970          | 49829         | 1.47%           | 0.283%        |
| 3         | 5.622       | 604           | 618         | 629          | rBV3     | 37251          | 133325        | 3.93%           | 0.759%        |
| 4         | 8.022       | 1014          | 1026        | 1031         | rBV      | 409217         | 995444        | 29.36%          | 5.663%        |
| 5         | 8.087       | 1031          | 1037        | 1049         | rVB      | 750507         | 1690868       | 49.87%          | 9.620%        |
| 6         | 8.434       | 1087          | 1096        | 1109         | rBV      | 428116         | 997339        | 29.42%          | 5.674%        |
| 7         | 8.963       | 1177          | 1186        | 1200         | rBV      | 1142119        | 2363475       | 69.71%          | 13.446%       |
| 8         | 10.439      | 1428          | 1437        | 1458         | rBV      | 1860615        | 3390456       | 100.00%         | 19.289%       |
| 9         | 11.739      | 1650          | 1658        | 1671         | rBV      | 1743224        | 3090776       | 91.16%          | 17.584%       |
| 10        | 12.727      | 1816          | 1826        | 1842         | rBV      | 1205276        | 2060217       | 60.77%          | 11.721%       |
| 11        | 13.674      | 1978          | 1987        | 1998         | rBV      | 1280674        | 2174416       | 64.13%          | 12.371%       |

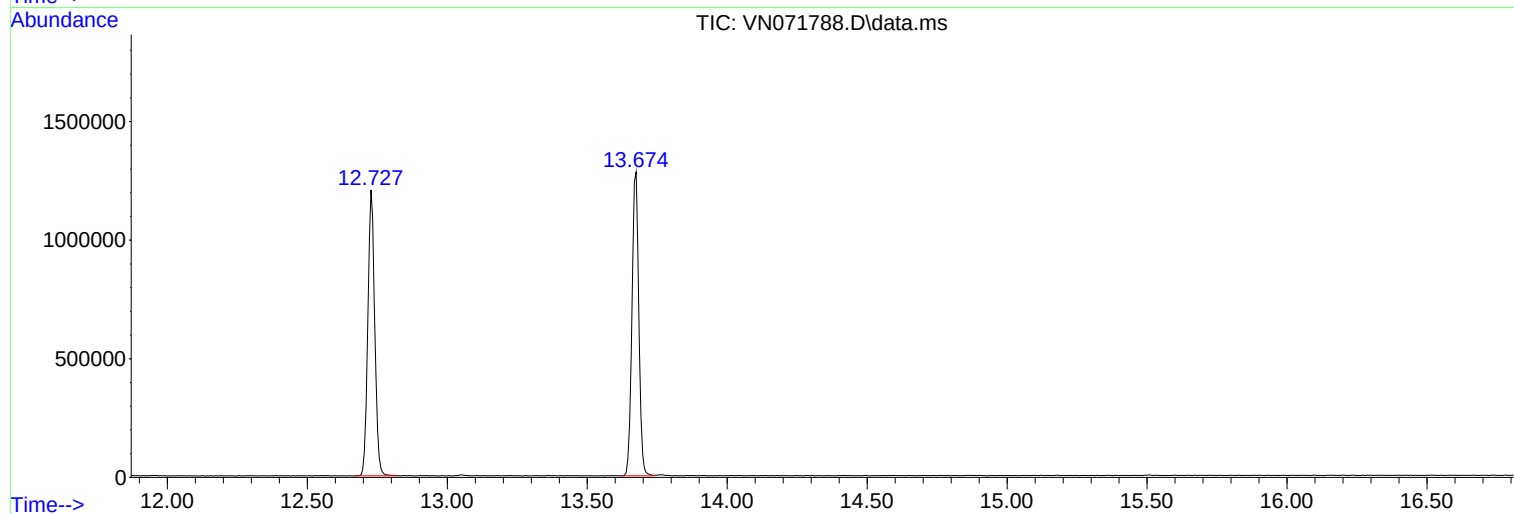
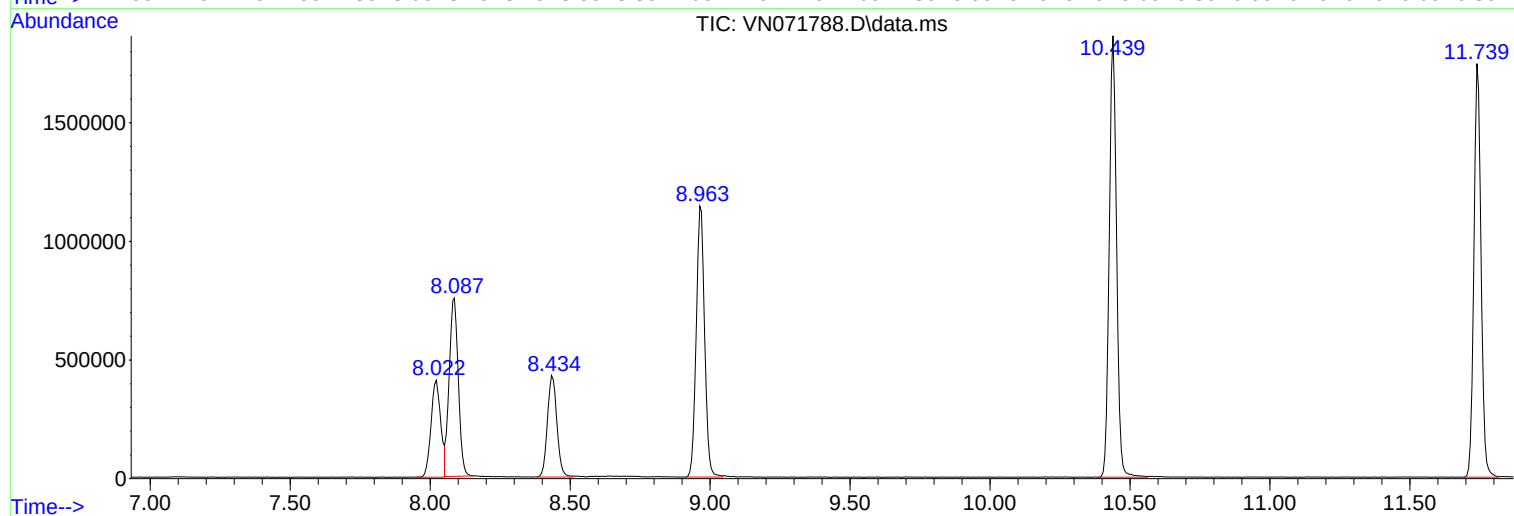
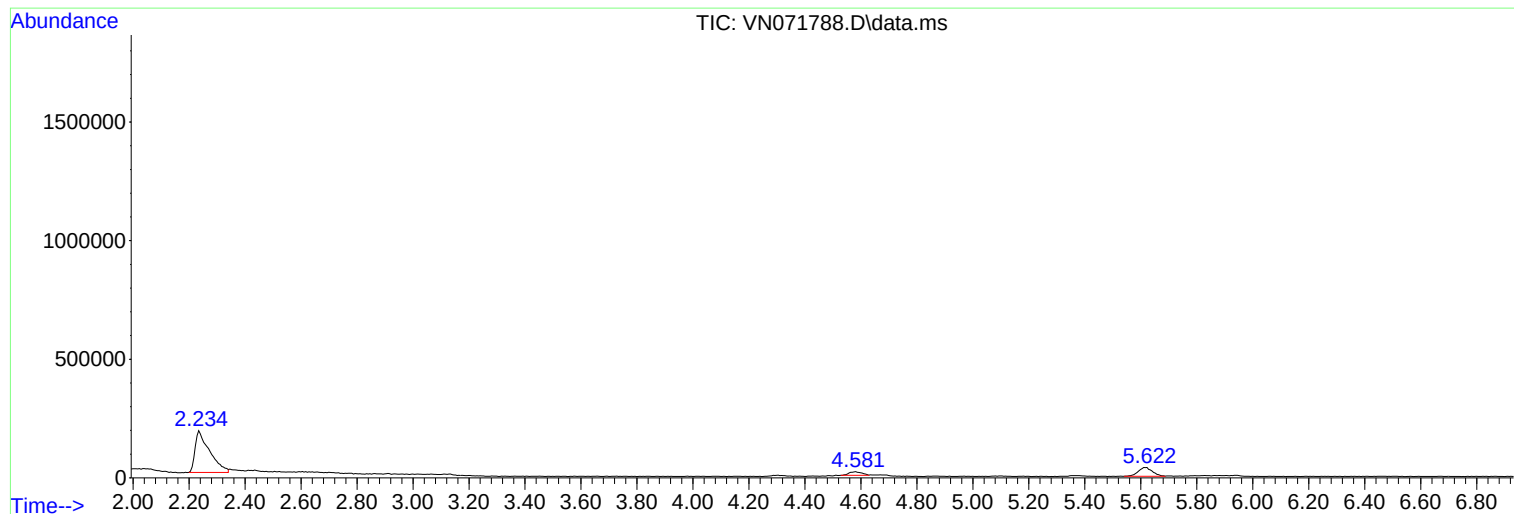
Sum of corrected areas: 17577378

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
Data File : VN071788.D  
Acq On : 02 Apr 2022 06:11  
Operator : JC\MD  
Sample : N2200-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-30D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
Data File : VN071788.D  
Acq On : 02 Apr 2022 06:11  
Operator : JC\MD  
Sample : N2200-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-30D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260

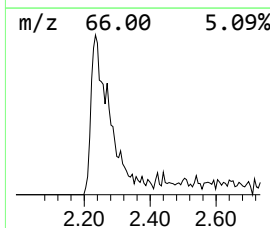
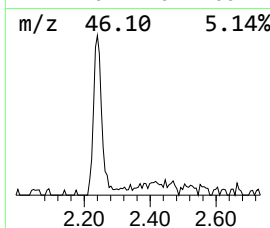
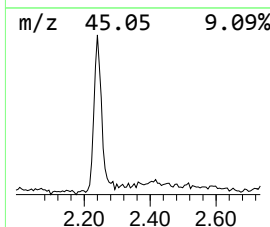
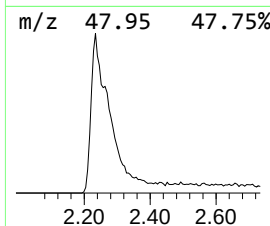
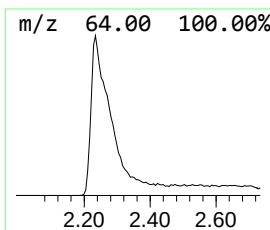
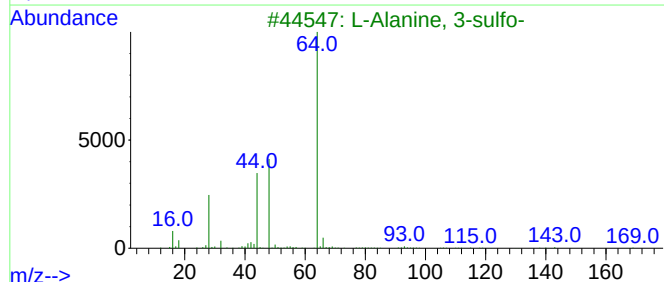
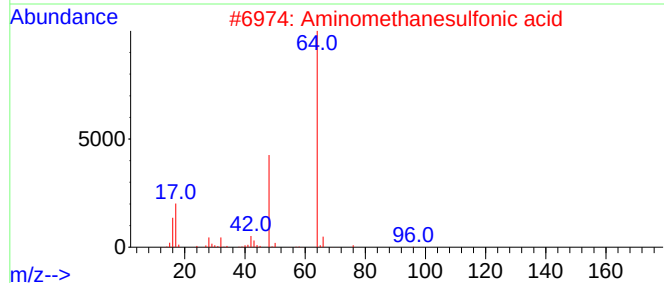
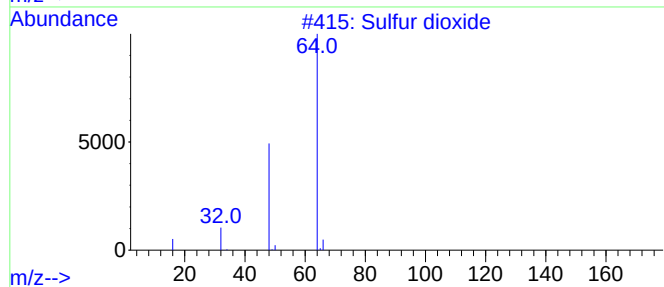
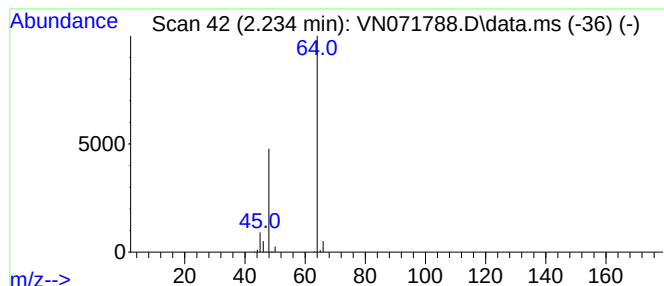
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.234 | 18.67 ug/l | 631233 | Pentafluorobenzene | 8.087 |

| 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 | 74   |
| 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    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
Data File : VN071788.D  
Acq On : 02 Apr 2022 06:11  
Operator : JC\MD  
Sample : N2200-06  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-30D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Sulfur dioxide   | 2.234 | 18.7    | ug/l  | 631233   | 1                     | 8.087 | 1690870 | 50.0 |