

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060922\  
 Data File : VN072743.D  
 Acq On : 09 Jun 2022 20:20  
 Operator : JC\MD  
 Sample : N3280-03  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 33RD-AVE-CASING-10

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\82N060822W.M

Title : SW846 8260

Signal : TIC: VN072743.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         | 2.228       | 34            | 41          | 56           | rBV2     | 17841          | 60097         | 3.72%           | 0.827%        |
| 2         | 2.581       | 95            | 101         | 108          | rBV      | 24735          | 44942         | 2.78%           | 0.618%        |
| 3         | 2.751       | 120           | 130         | 136          | rBV4     | 11441          | 31174         | 1.93%           | 0.429%        |
| 4         | 4.293       | 382           | 392         | 403          | rBV2     | 7635           | 22277         | 1.38%           | 0.306%        |
| 5         | 8.016       | 1016          | 1025        | 1031         | rBV      | 245344         | 585946        | 36.30%          | 8.060%        |
| 6         | 8.081       | 1031          | 1036        | 1049         | rVB      | 258152         | 560405        | 34.71%          | 7.708%        |
| 7         | 8.433       | 1087          | 1096        | 1109         | rBV      | 293128         | 668837        | 41.43%          | 9.200%        |
| 8         | 8.963       | 1173          | 1186        | 1199         | rBV      | 386092         | 798242        | 49.45%          | 10.980%       |
| 9         | 10.439      | 1428          | 1437        | 1451         | rBV      | 893229         | 1614382       | 100.00%         | 22.206%       |
| 10        | 11.145      | 1552          | 1557        | 1561         | rVV      | 46200          | 86536         | 5.36%           | 1.190%        |
| 11        | 11.186      | 1561          | 1564        | 1571         | rVB4     | 16113          | 28561         | 1.77%           | 0.393%        |
| 12        | 11.739      | 1650          | 1658        | 1670         | rBV      | 522002         | 941418        | 58.31%          | 12.949%       |
| 13        | 12.727      | 1818          | 1826        | 1836         | rBV      | 583616         | 994839        | 61.62%          | 13.684%       |
| 14        | 13.221      | 1902          | 1910        | 1915         | rBV      | 24161          | 39610         | 2.45%           | 0.545%        |
| 15        | 13.668      | 1979          | 1986        | 1999         | rBV      | 423311         | 733964        | 45.46%          | 10.096%       |
| 16        | 13.874      | 2016          | 2021        | 2028         | rVB2     | 11568          | 18629         | 1.15%           | 0.256%        |
| 17        | 14.927      | 2193          | 2200        | 2206         | rBV6     | 8588           | 17314         | 1.07%           | 0.238%        |
| 18        | 15.074      | 2220          | 2225        | 2231         | rBV3     | 12922          | 22802         | 1.41%           | 0.314%        |

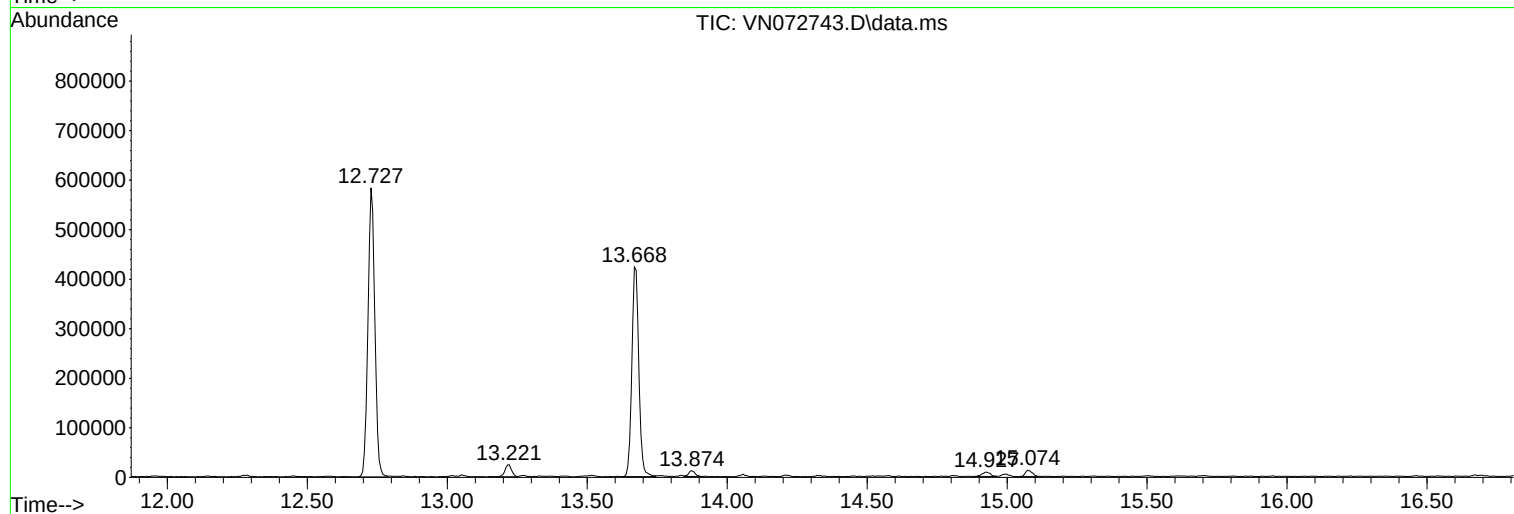
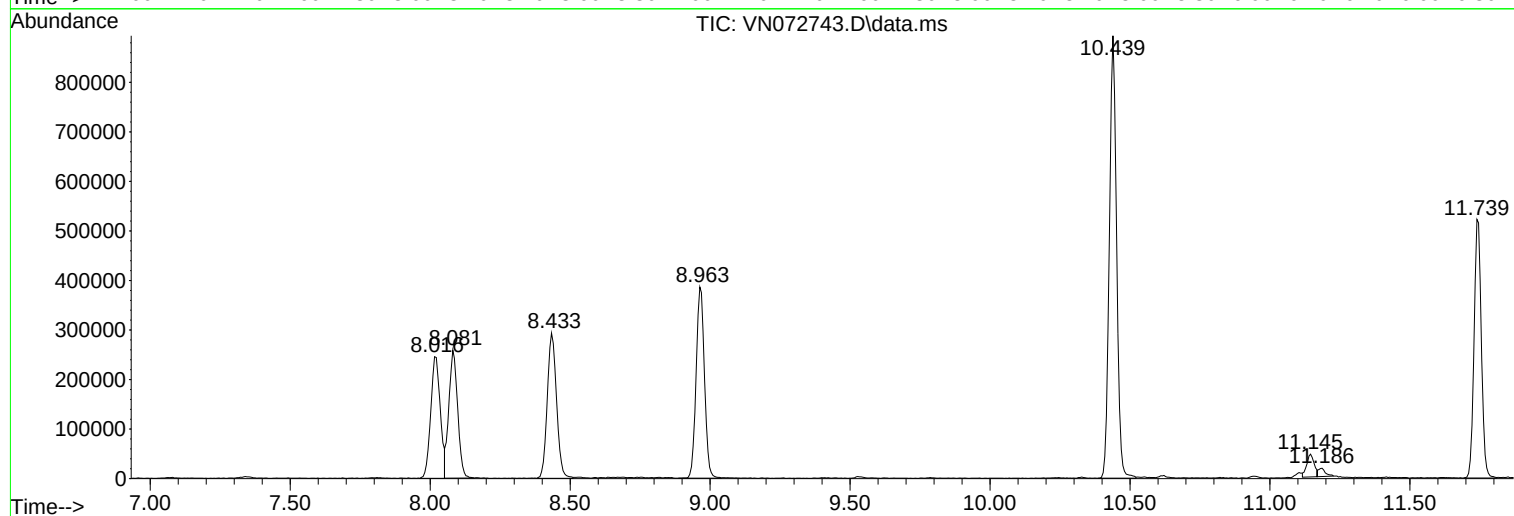
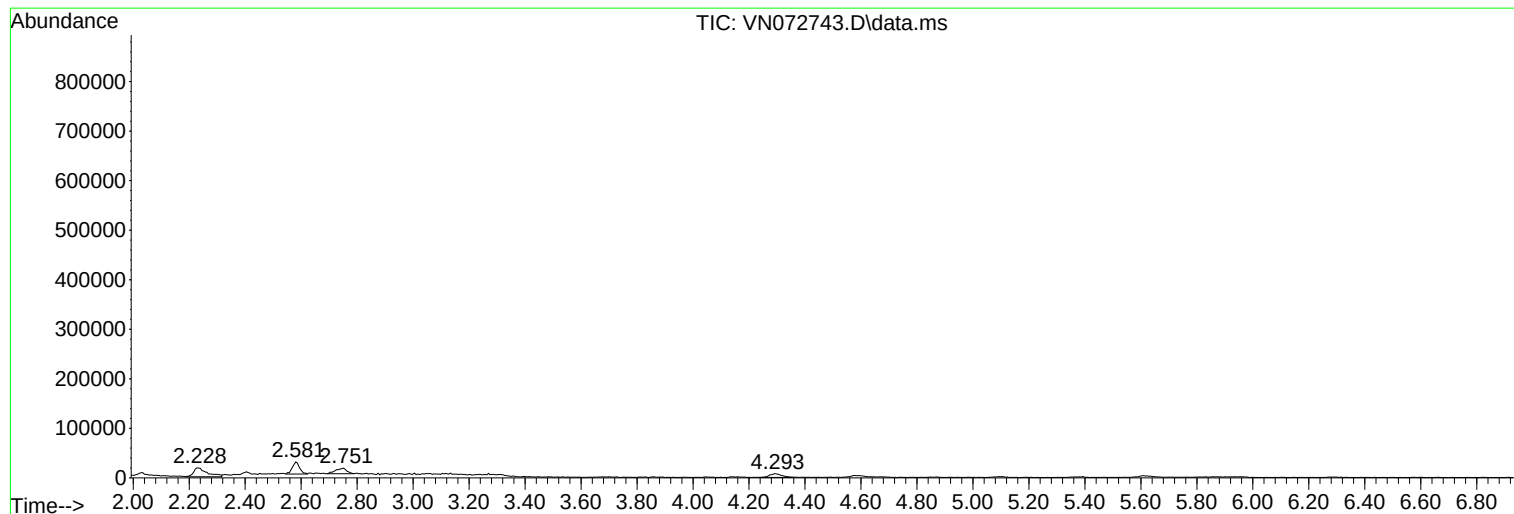
Sum of corrected areas: 7269975

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060922\  
Data File : VN072743.D  
Acq On : 09 Jun 2022 20:20  
Operator : JC\MD  
Sample : N3280-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
33RD-AVE-CASING-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060922\  
Data File : VN072743.D  
Acq On : 09 Jun 2022 20:20  
Operator : JC\MD  
Sample : N3280-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
33RD-AVE-CASING-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.M  
Quant Title : SW846 8260

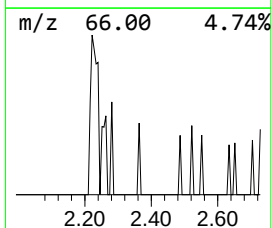
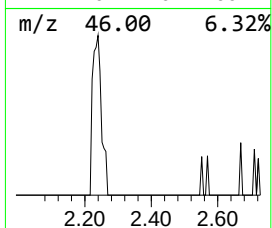
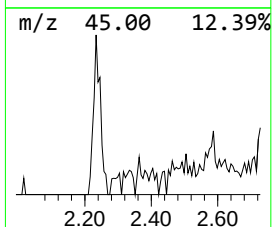
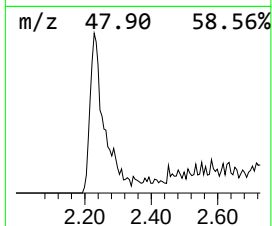
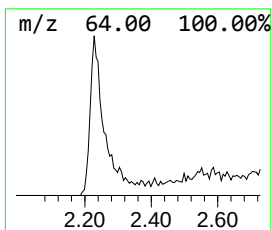
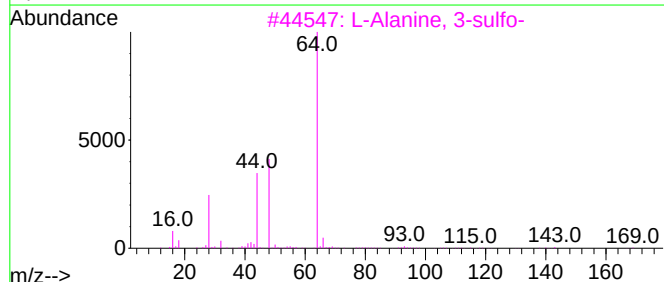
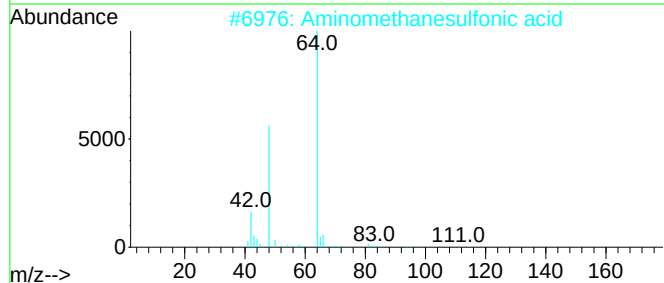
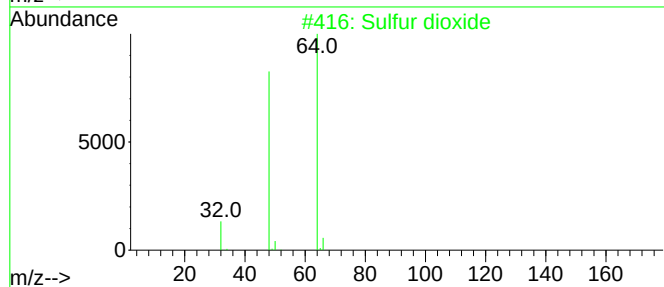
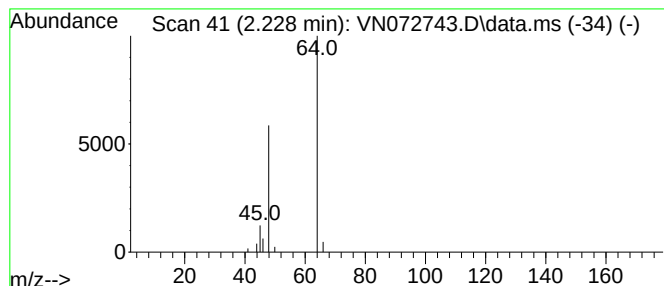
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.228 | 5.36 ug/l | 60097 | Pentafluorobenzene | 8.081 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 74   |
| 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    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060922\  
Data File : VN072743.D  
Acq On : 09 Jun 2022 20:20  
Operator : JC\MD  
Sample : N3280-03  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
33RD-AVE-CASING-10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060822W.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   | 2.228 | 5.4     | ug/l  | 60097    | 1                     | 8.081 | 560405 | 50.0 |