

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100622\  
 Data File : VN074788.D  
 Acq On : 06 Oct 2022 17:04  
 Operator : JC\MD  
 Sample : N4910-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-4

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\82N100522W.M

Title : SW846 8260

Signal : TIC: VN074788.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         | 2.307       | 38            | 43          | 52           | rBV      | 257331         | 515139        | 17.79%          | 4.093%        |
| 2         | 2.424       | 56            | 63          | 64           | rBV4     | 35278          | 72514         | 2.50%           | 0.576%        |
| 3         | 5.518       | 580           | 589         | 601          | rVB3     | 20665          | 66631         | 2.30%           | 0.529%        |
| 4         | 7.453       | 909           | 918         | 932          | rBV      | 67717          | 214131        | 7.39%           | 1.701%        |
| 5         | 8.177       | 1031          | 1041        | 1046         | rBV      | 371608         | 882882        | 30.48%          | 7.014%        |
| 6         | 8.236       | 1046          | 1051        | 1059         | rVB      | 377982         | 822320        | 28.39%          | 6.533%        |
| 7         | 8.588       | 1100          | 1111        | 1123         | rBV      | 461136         | 1060824       | 36.63%          | 8.428%        |
| 8         | 9.106       | 1187          | 1199        | 1210         | rBV      | 546835         | 1165972       | 40.26%          | 9.263%        |
| 9         | 10.571      | 1439          | 1448        | 1459         | rBV      | 1546356        | 2896291       | 100.00%         | 23.010%       |
| 10        | 11.106      | 1532          | 1539        | 1546         | rBV3     | 187248         | 324981        | 11.22%          | 2.582%        |
| 11        | 11.871      | 1662          | 1669        | 1677         | rBV      | 861783         | 1544172       | 53.32%          | 12.268%       |
| 12        | 12.853      | 1829          | 1836        | 1845         | rBV2     | 840638         | 1462062       | 50.48%          | 11.615%       |
| 13        | 13.794      | 1988          | 1996        | 2006         | rBV      | 937605         | 1559387       | 53.84%          | 12.389%       |

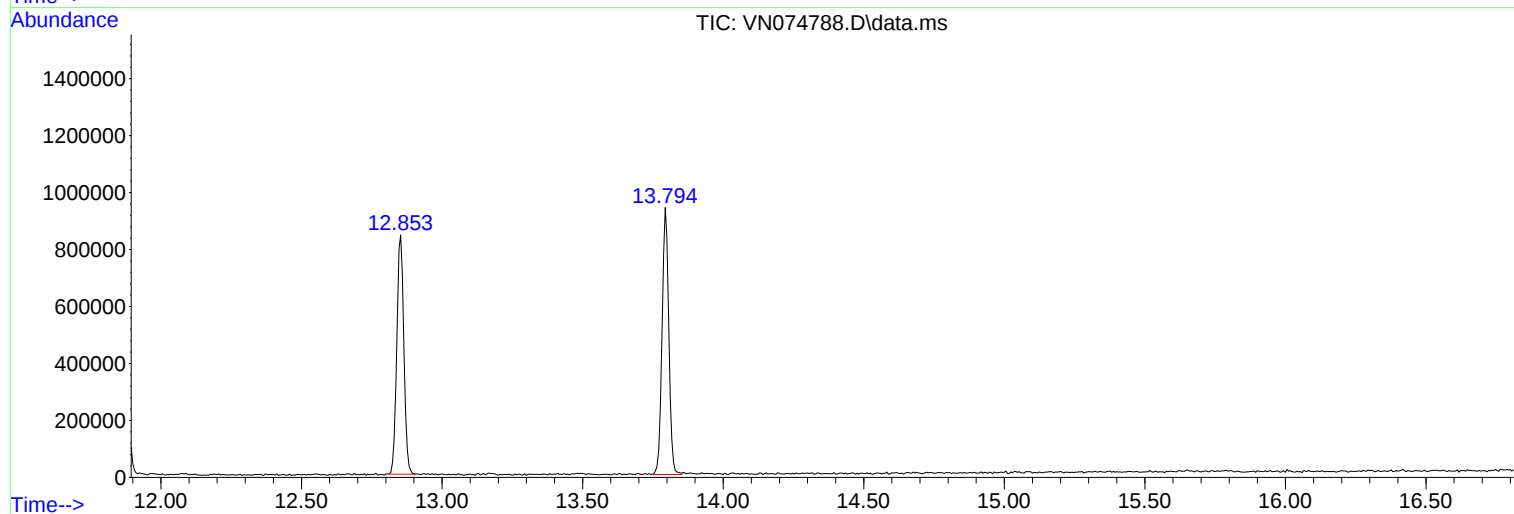
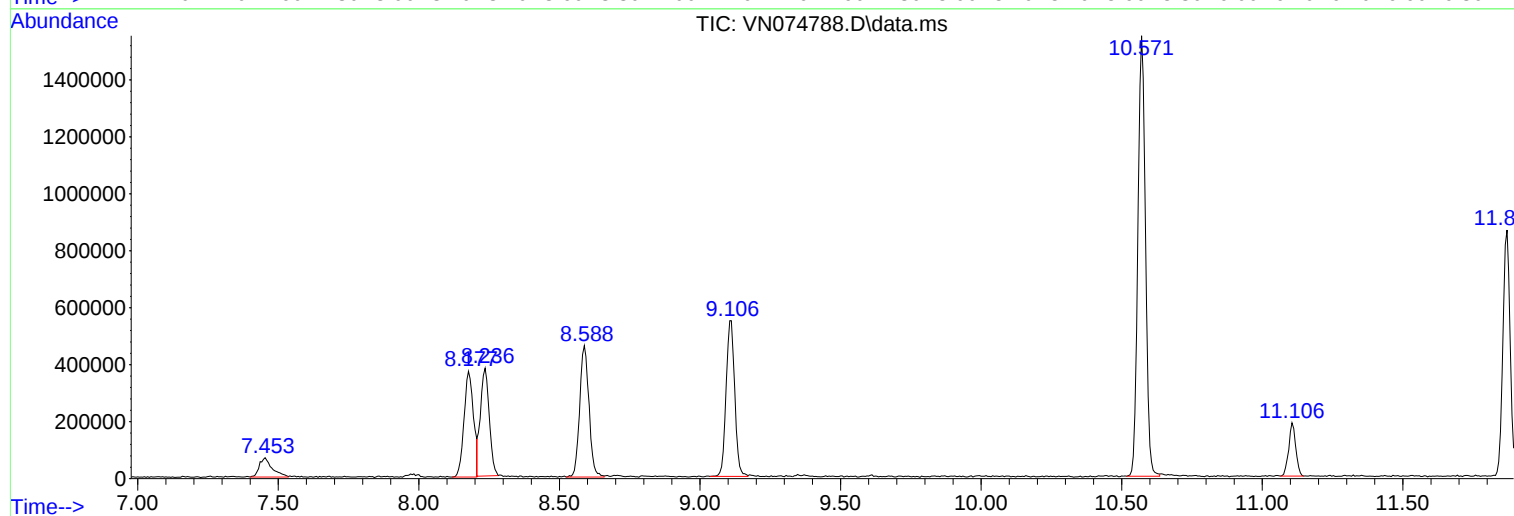
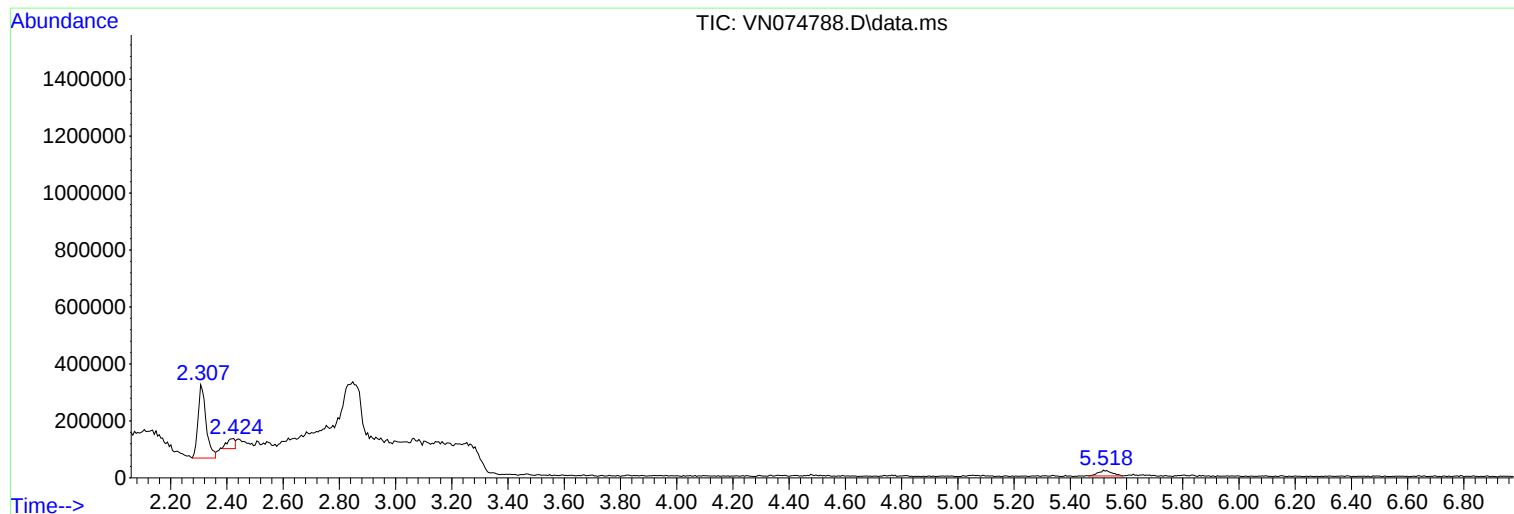
Sum of corrected areas: 12587306

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260

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



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Sample : N4910-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.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.  |
|-------|------------|--------|--------------------|-------|
| 2.307 | 31.32 ug/l | 515139 | Pentafluorobenzene | 8.236 |

| 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 | 9    |
| 3    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 4    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 4    |

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Peak Number 2 Formamide, N-methylthio Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 7.453 | 13.02 ug/l | 214131 | Pentafluorobenzene | 8.236 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Formamide, N-methylthio             | 75  | C2H5NS    | 018952-41-5  | 78   |
| 2    |    |   | Ethanol, 2-(trimethylsilyl)-        | 118 | C5H14OSi  | 002916-68-9  | 56   |
| 3    |    |   | Silanol, trimethyl-                 | 90  | C3H10OSi  | 001066-40-6  | 56   |
| 4    |    |   | Acetic acid, TMS derivative         | 132 | C5H12O2Si | 002754-27-0  | 43   |
| 5    |    |   | 1-Methyl-2-dimethyl(isopropyl)si... | 214 | C12H26OSi | 1010278-72-7 | 40   |

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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     | 2.307 | 31.3    | ug/l  | 515139   | 1                     | 8.236 | 822320 | 50.0 |
| Formamide, N-me... | 7.453 | 13.0    | ug/l  | 214131   | 1                     | 8.236 | 822320 | 50.0 |