

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN040122\  
 Data File : VN071789.D  
 Acq On : 02 Apr 2022 06:35  
 Operator : JC\MD  
 Sample : N2200-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-31

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: VN071789.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         | 2.293       | 36            | 52          | 62           | rBV2     | 1114994        | 6549264       | 100.00%         | 25.647%       |
| 2         | 2.787       | 130           | 136         | 169          | rVB2     | 146220         | 1076445       | 16.44%          | 4.215%        |
| 3         | 3.999       | 335           | 342         | 354          | rBV3     | 25560          | 81524         | 1.24%           | 0.319%        |
| 4         | 4.287       | 381           | 391         | 400          | rBV2     | 26950          | 86981         | 1.33%           | 0.341%        |
| 5         | 4.551       | 425           | 436         | 445          | rBV3     | 33808          | 137449        | 2.10%           | 0.538%        |
| 6         | 7.328       | 897           | 908         | 919          | rBV6     | 44597          | 132510        | 2.02%           | 0.519%        |
| 7         | 8.022       | 1015          | 1026        | 1031         | rBV      | 410610         | 990383        | 15.12%          | 3.878%        |
| 8         | 8.087       | 1031          | 1037        | 1054         | rVB      | 746795         | 1683513       | 25.71%          | 6.593%        |
| 9         | 8.434       | 1087          | 1096        | 1114         | rBV      | 423110         | 979405        | 14.95%          | 3.835%        |
| 10        | 8.963       | 1177          | 1186        | 1201         | rBV      | 1118716        | 2287844       | 34.93%          | 8.959%        |
| 11        | 10.328      | 1411          | 1418        | 1429         | rBV      | 87702          | 174344        | 2.66%           | 0.683%        |
| 12        | 10.439      | 1429          | 1437        | 1451         | rBV      | 1808970        | 3327932       | 50.81%          | 13.032%       |
| 13        | 10.604      | 1458          | 1465        | 1473         | rVB      | 45725          | 83430         | 1.27%           | 0.327%        |
| 14        | 10.975      | 1518          | 1528        | 1537         | rBV      | 187385         | 340113        | 5.19%           | 1.332%        |
| 15        | 11.739      | 1650          | 1658        | 1671         | rBV      | 1682743        | 3025700       | 46.20%          | 11.849%       |
| 16        | 12.727      | 1819          | 1826        | 1838         | rVB      | 1193099        | 2057254       | 31.41%          | 8.056%        |
| 17        | 13.674      | 1979          | 1987        | 1998         | rBV      | 1262725        | 2178249       | 33.26%          | 8.530%        |
| 18        | 14.992      | 2205          | 2211        | 2215         | rBV2     | 95212          | 173668        | 2.65%           | 0.680%        |
| 19        | 15.039      | 2215          | 2219        | 2228         | rVB      | 94289          | 170187        | 2.60%           | 0.666%        |

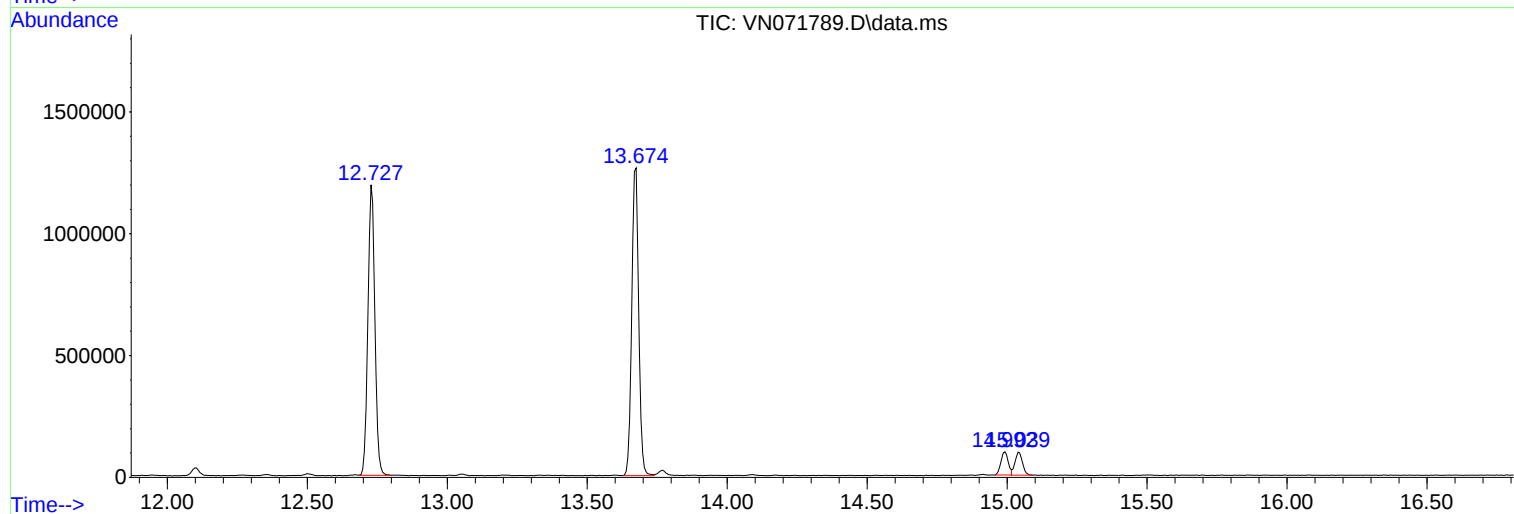
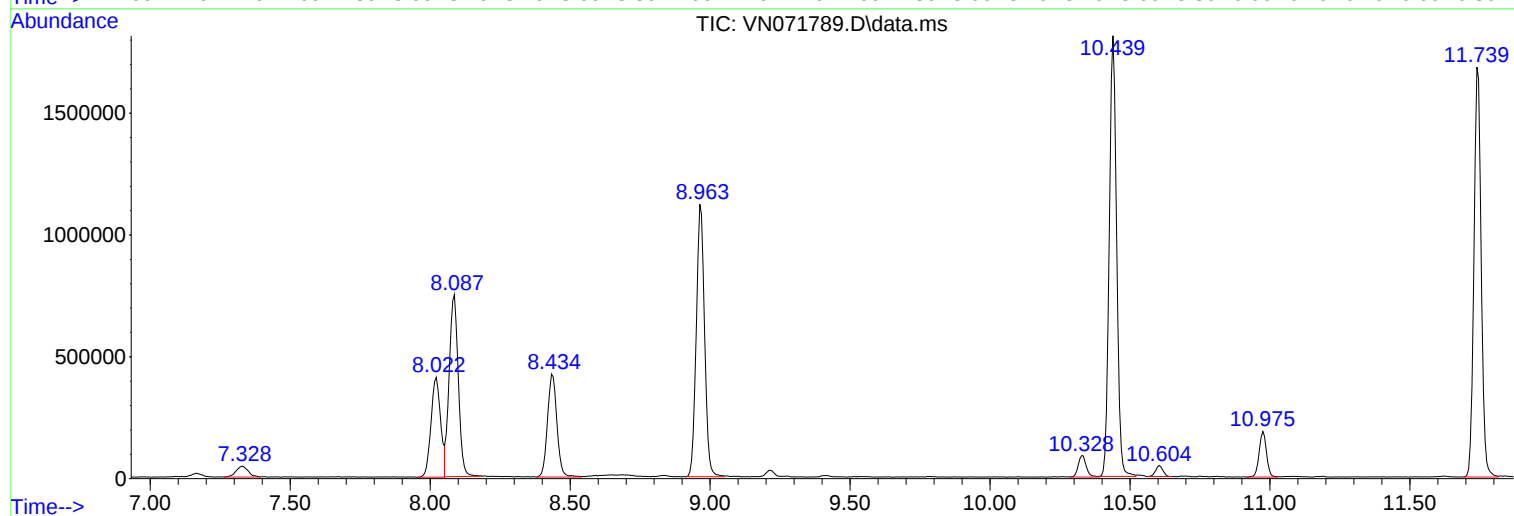
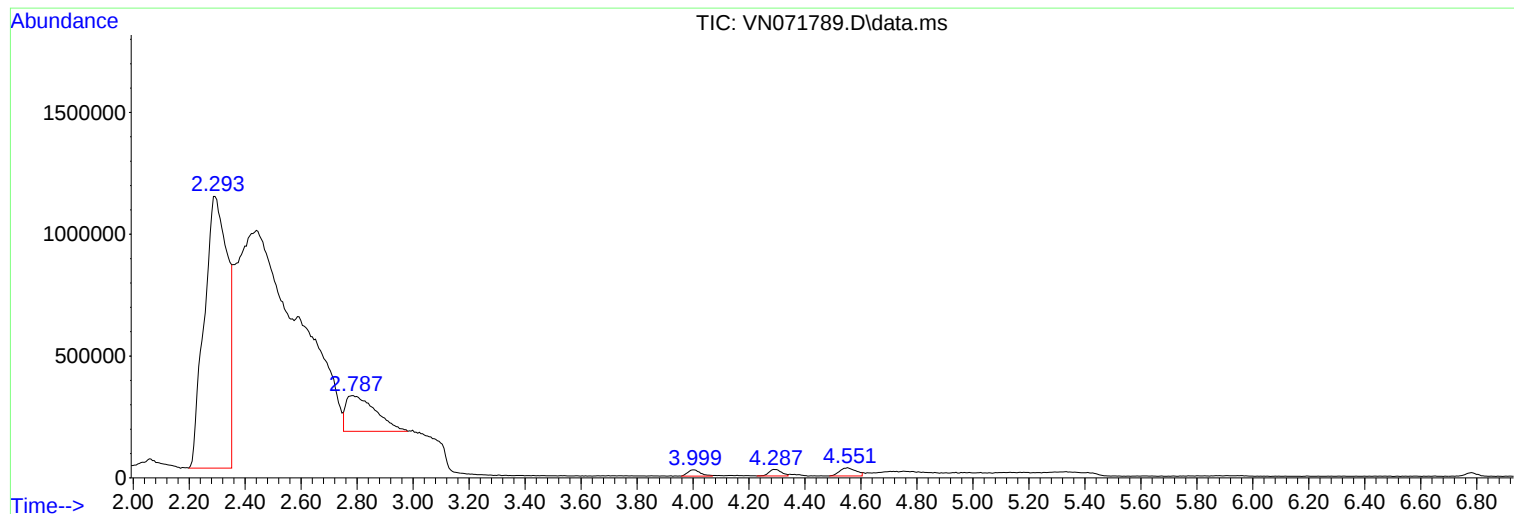
Sum of corrected areas: 25536195

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ClientSampleId :  
MW-31

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



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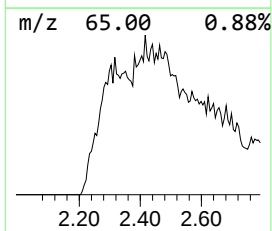
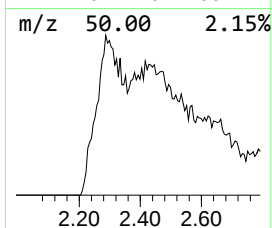
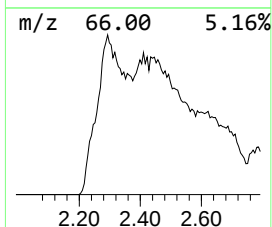
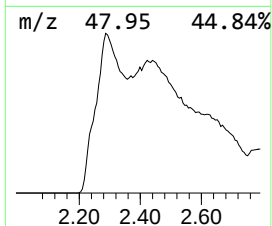
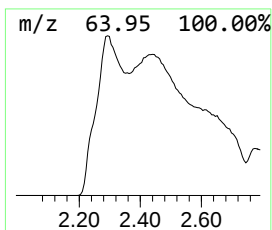
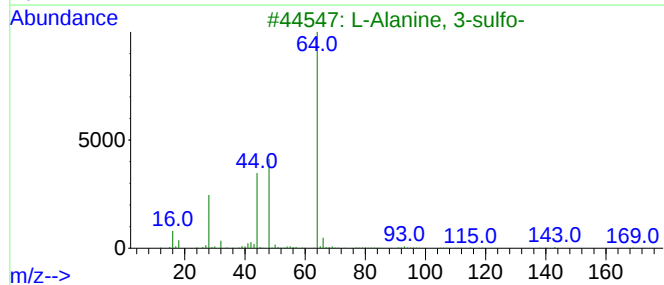
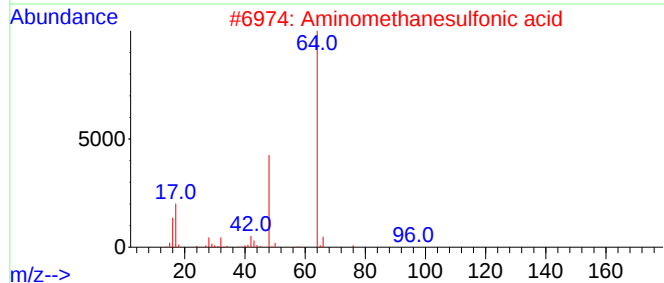
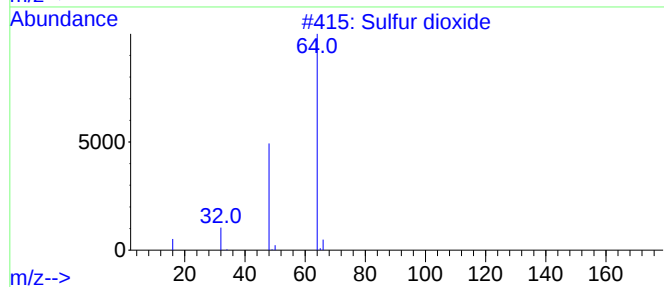
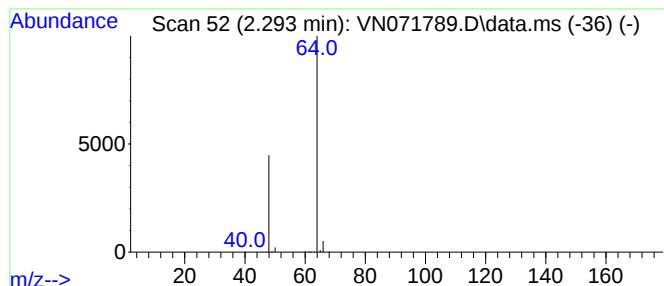
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N033022W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 2.293 | 194.51 ug/l | 6549260 | Pentafluorobenzene | 8.086 |

| 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 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Sulfur dioxide   | 2.293 | 194.5   | ug/l  | 6549260  | 1                     | 8.086 | 1683510 | 50.0 |