

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090922\  
 Data File : VN074388.D  
 Acq On : 09 Sep 2022 21:23  
 Operator : JC\MD  
 Sample : N4471-12  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BR-03D-479.5-499.5-083122-H

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\82N090922W.M  
 Title : SW846 8260

Signal : TIC: VN074388.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         | 2.198       | 48            | 53          | 58           | rBV      | 137510         | 245347        | 13.07%          | 1.747%        |
| 2         | 2.698       | 131           | 138         | 140          | rBV4     | 55759          | 126525        | 6.74%           | 0.901%        |
| 3         | 4.116       | 368           | 379         | 393          | rBV      | 276726         | 788580        | 42.01%          | 5.616%        |
| 4         | 4.457       | 428           | 437         | 446          | rBV2     | 31295          | 95652         | 5.10%           | 0.681%        |
| 5         | 6.181       | 720           | 730         | 740          | rVB8     | 9318           | 30806         | 1.64%           | 0.219%        |
| 6         | 6.310       | 740           | 752         | 763          | rBV3     | 23710          | 73003         | 3.89%           | 0.520%        |
| 7         | 7.251       | 900           | 912         | 929          | rBV      | 295213         | 805818        | 42.93%          | 5.739%        |
| 8         | 7.951       | 1018          | 1031        | 1036         | rBV      | 273949         | 661227        | 35.22%          | 4.709%        |
| 9         | 8.016       | 1036          | 1042        | 1051         | rVB      | 450135         | 1033625       | 55.06%          | 7.362%        |
| 10        | 8.369       | 1092          | 1102        | 1112         | rBV      | 297688         | 677852        | 36.11%          | 4.828%        |
| 11        | 8.469       | 1112          | 1119        | 1127         | rVB3     | 17903          | 42513         | 2.26%           | 0.303%        |
| 12        | 8.904       | 1184          | 1193        | 1207         | rBV      | 696936         | 1433448       | 76.36%          | 10.209%       |
| 13        | 9.151       | 1228          | 1235        | 1249         | rVB      | 328302         | 651695        | 34.72%          | 4.641%        |
| 14        | 10.380      | 1436          | 1444        | 1450         | rBV      | 1027964        | 1822607       | 97.09%          | 12.981%       |
| 15        | 10.445      | 1450          | 1455        | 1463         | rVB      | 232245         | 421731        | 22.47%          | 3.004%        |
| 16        | 10.786      | 1501          | 1513        | 1514         | rBV4     | 23817          | 46162         | 2.46%           | 0.329%        |
| 17        | 11.686      | 1657          | 1666        | 1677         | rBV      | 1080267        | 1877248       | 100.00%         | 13.370%       |
| 18        | 12.674      | 1827          | 1834        | 1844         | rVB      | 892461         | 1473511       | 78.49%          | 10.494%       |
| 19        | 13.615      | 1986          | 1994        | 2002         | rBV      | 1050789        | 1733485       | 92.34%          | 12.346%       |

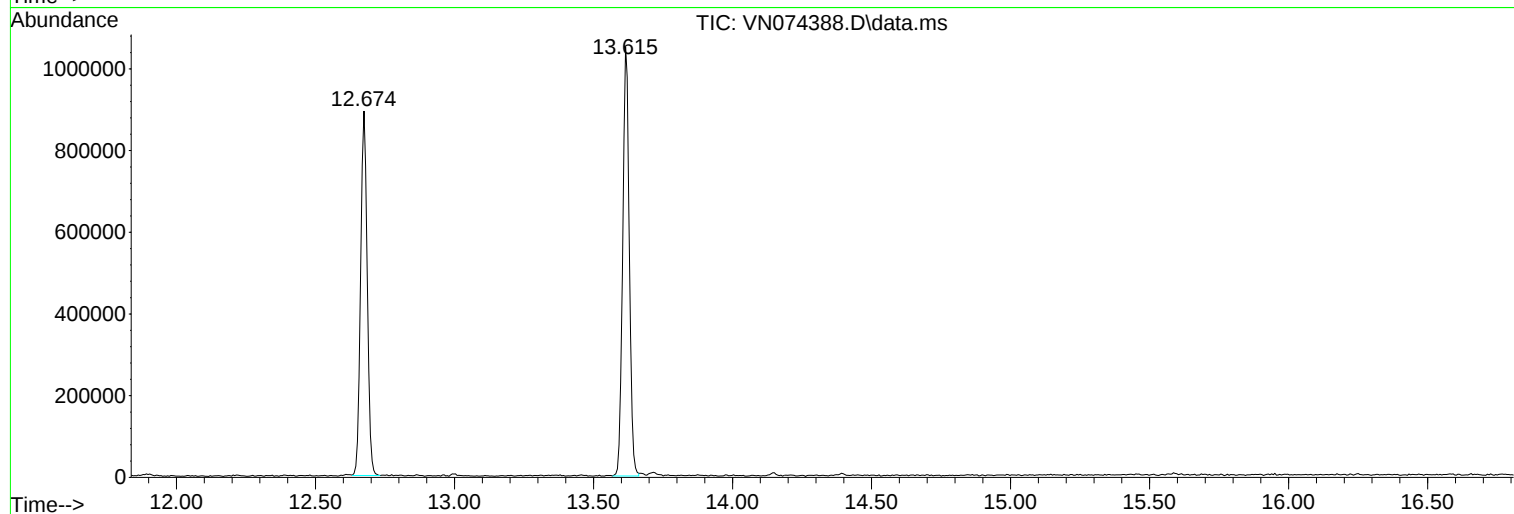
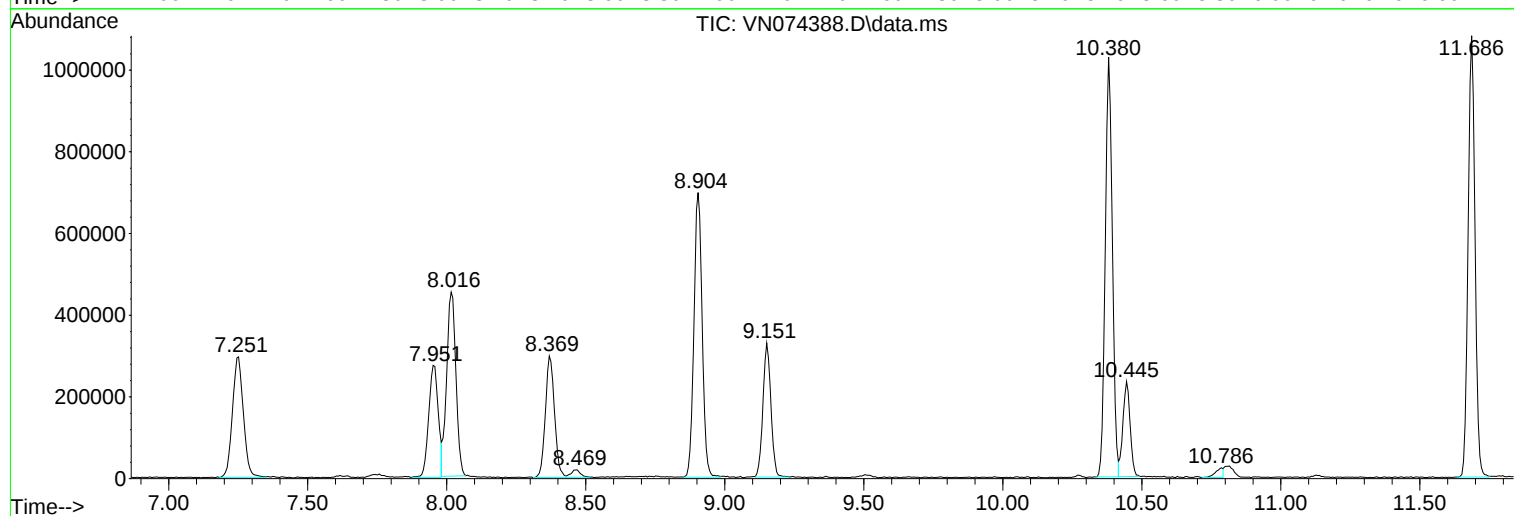
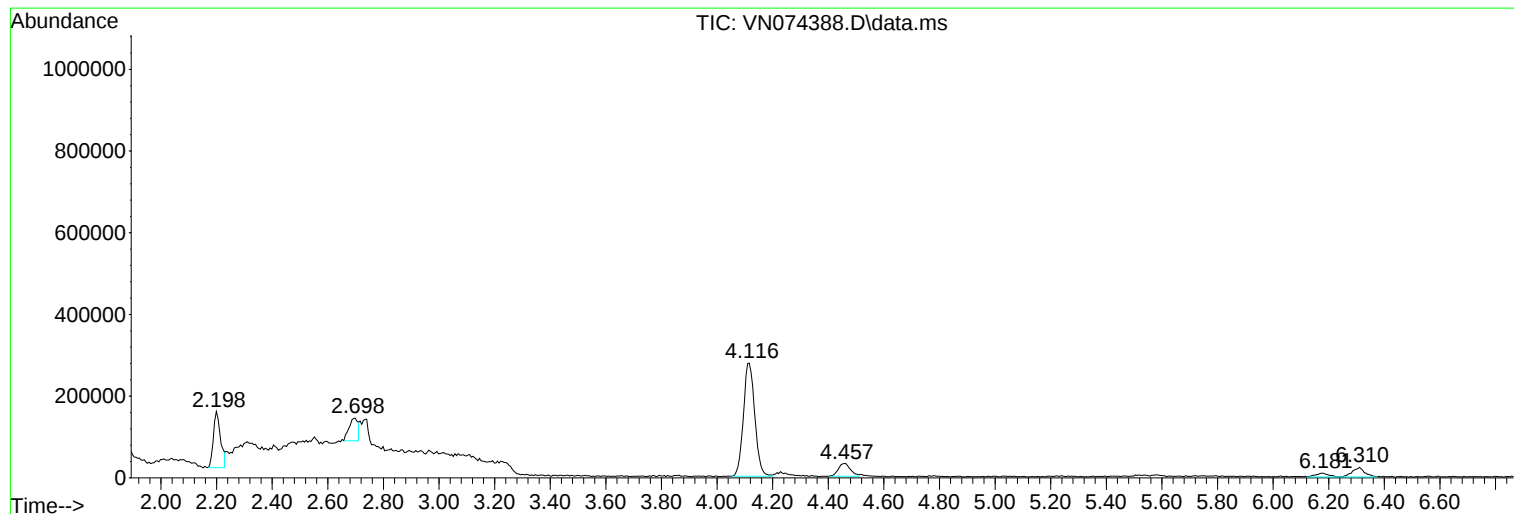
Sum of corrected areas: 14040835

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090922W.M  
Quant Title : SW846 8260

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



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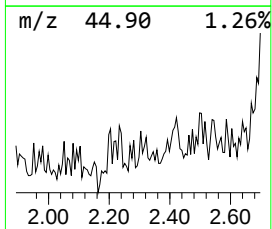
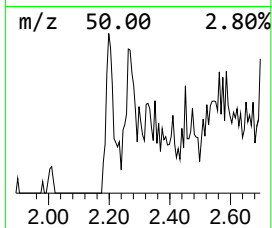
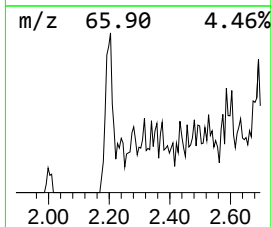
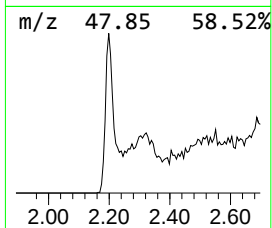
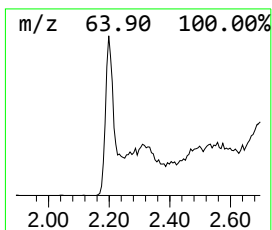
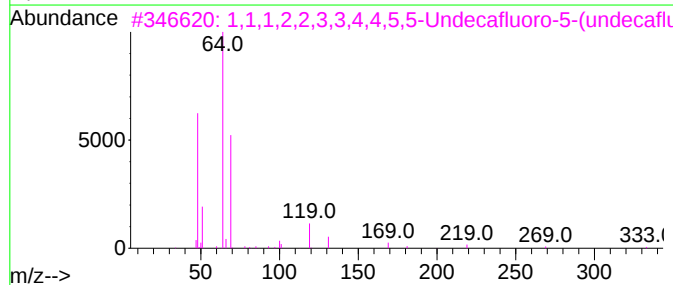
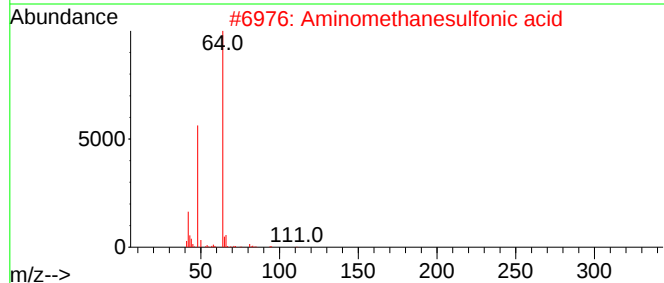
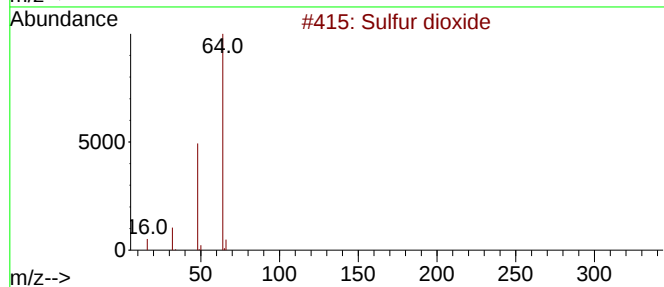
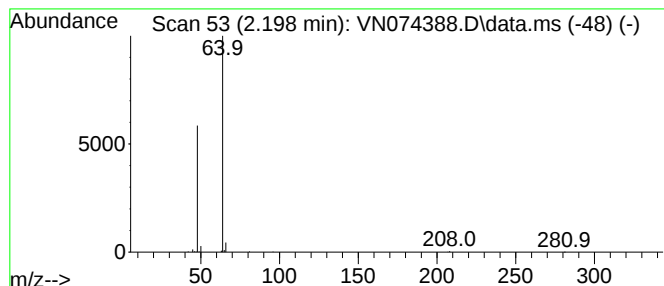
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.198 | 11.87 ug/l | 245347 | Pentafluorobenzene | 8.016 |

| 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    |    |   | 1,1,1,2,2,3,3,4,4,5,5-Undecafluoro-5-(undecafluoro-2-methylthio)pent-2-ene | 602 | C10F22O2S    | 1000486-78-5 | 9    |
| 4    |    |   | Thiosulfuric acid (H2S2O3), S-(2-methylthio)-                              | 320 | C11H16N2O3S3 | 040284-00-2  | 9    |
| 5    |    |   | Dihydropyrimidine-2-methyl thiosulfonate                                   | 208 | C5H8N2O3S2   | 1000256-28-8 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| Sulfur dioxide   | 2.198 | 11.9    | ug/l  | 245347   | 1                     | 8.016 | 1033630 | 50.0 |