

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
 Data File : VX033006.D  
 Acq On : 23 Nov 2022 02:03  
 Operator : JC/MD  
 Sample : N5741-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-24

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\_X\Method\82X112222W.M  
 Title : SW846 8260

Signal : TIC: VX033006.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         | 1.246       | 22            | 26          | 49           | rBV      | 123087         | 238113        | 46.31%          | 7.944%        |
| 2         | 3.111       | 321           | 332         | 348          | rVB      | 26359          | 62829         | 12.22%          | 2.096%        |
| 3         | 5.385       | 695           | 705         | 718          | rBV2     | 44537          | 132242        | 25.72%          | 4.412%        |
| 4         | 5.556       | 721           | 733         | 747          | rVB      | 122539         | 344453        | 66.99%          | 11.492%       |
| 5         | 5.958       | 789           | 799         | 811          | rBV      | 36252          | 96362         | 18.74%          | 3.215%        |
| 6         | 6.763       | 919           | 931         | 944          | rBV      | 183889         | 436579        | 84.91%          | 14.565%       |
| 7         | 8.647       | 1234          | 1240        | 1250         | rBV      | 138437         | 217990        | 42.39%          | 7.273%        |
| 8         | 10.055      | 1465          | 1471        | 1482         | rBV      | 382452         | 514189        | 100.00%         | 17.154%       |
| 9         | 11.079      | 1634          | 1639        | 1651         | rBV      | 271771         | 353374        | 68.72%          | 11.789%       |
| 10        | 12.024      | 1788          | 1794        | 1803         | rVV      | 369038         | 476960        | 92.76%          | 15.912%       |
| 11        | 12.244      | 1824          | 1830        | 1838         | rBV2     | 20466          | 28421         | 5.53%           | 0.948%        |
| 12        | 12.317      | 1838          | 1842        | 1851         | rVB3     | 3800           | 6086          | 1.18%           | 0.203%        |
| 13        | 12.701      | 1900          | 1905        | 1912         | rVB      | 14161          | 17755         | 3.45%           | 0.592%        |
| 14        | 12.920      | 1936          | 1941        | 1945         | rBV      | 17965          | 21046         | 4.09%           | 0.702%        |
| 15        | 13.548      | 2039          | 2044        | 2046         | rBV      | 6014           | 8282          | 1.61%           | 0.276%        |
| 16        | 13.579      | 2046          | 2049        | 2054         | rVV3     | 5452           | 8597          | 1.67%           | 0.287%        |
| 17        | 13.640      | 2054          | 2059        | 2061         | rVV2     | 4575           | 7320          | 1.42%           | 0.244%        |
| 18        | 13.664      | 2061          | 2063        | 2070         | rVB3     | 6095           | 7813          | 1.52%           | 0.261%        |
| 19        | 14.073      | 2126          | 2130        | 2136         | rBV      | 6927           | 8754          | 1.70%           | 0.292%        |
| 20        | 14.213      | 2150          | 2153        | 2160         | rBV2     | 3682           | 5144          | 1.00%           | 0.172%        |
| 21        | 14.371      | 2175          | 2179        | 2186         | rVB      | 4332           | 5145          | 1.00%           | 0.172%        |

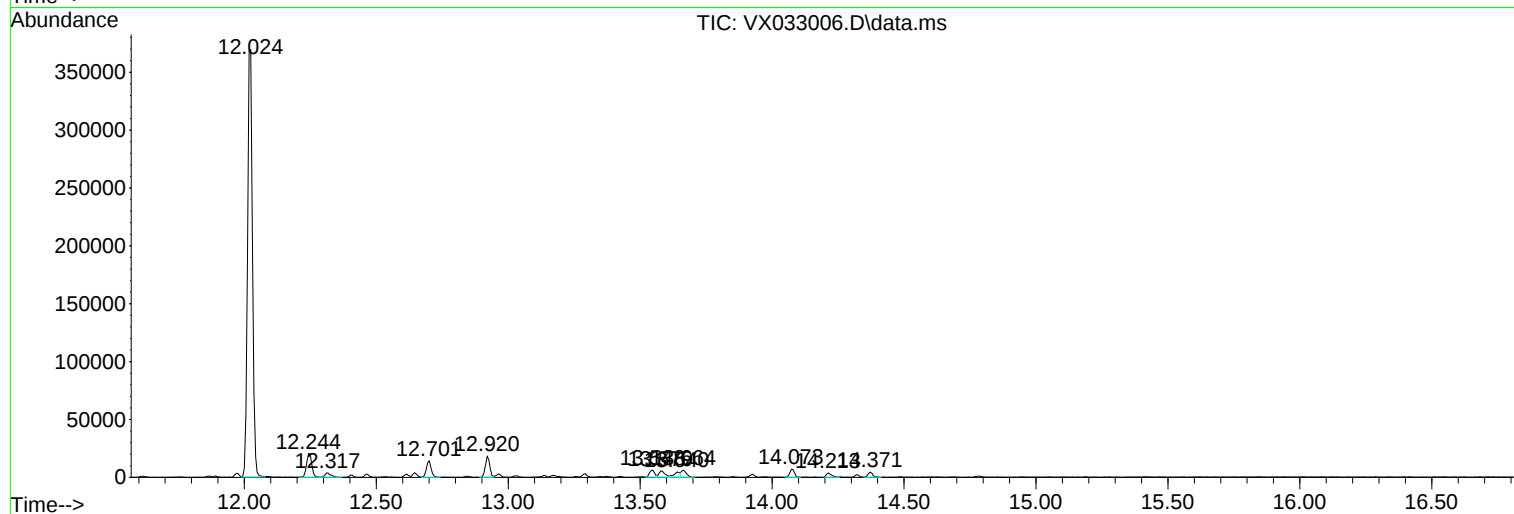
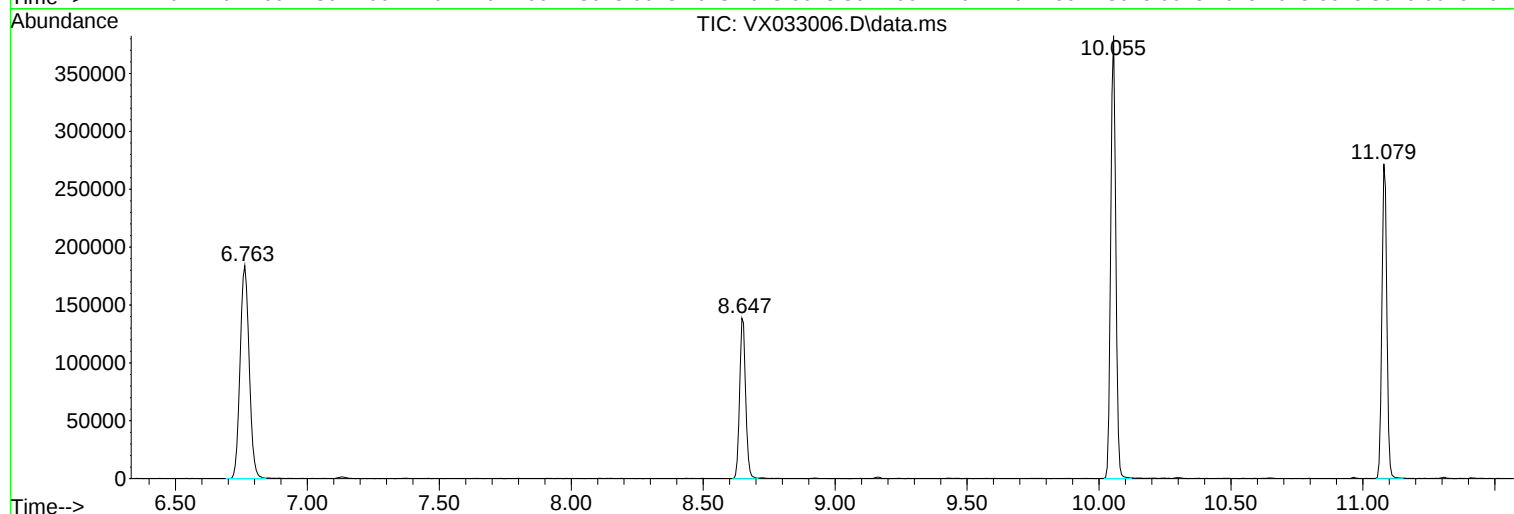
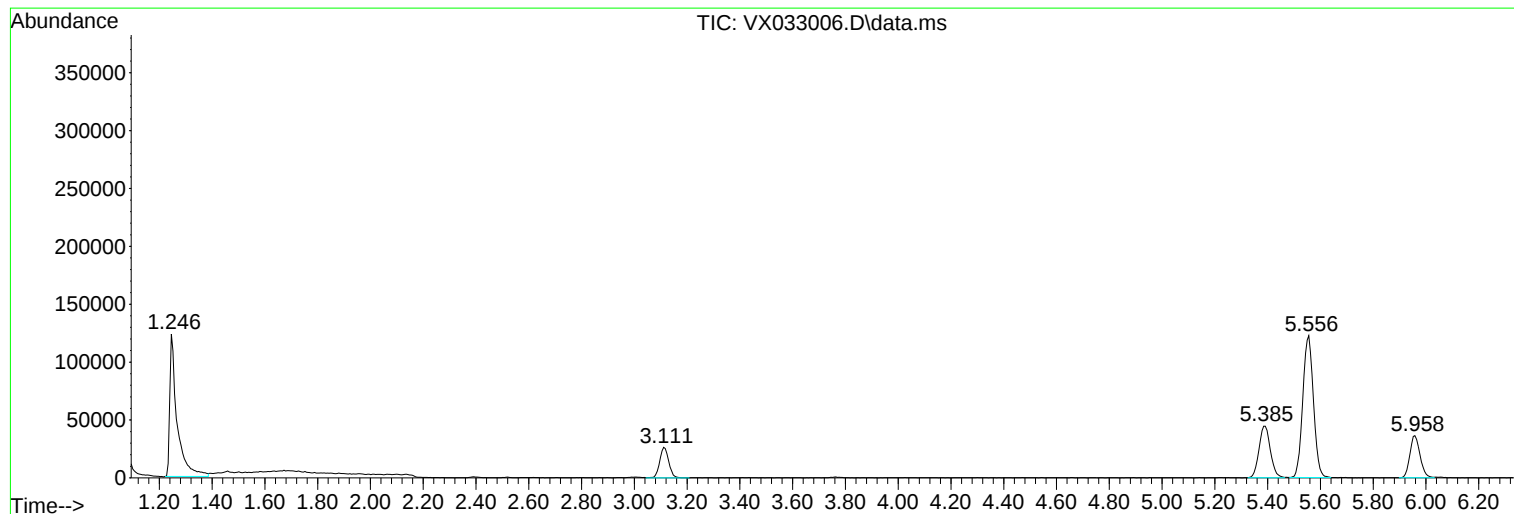
Sum of corrected areas: 2997454

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
Data File : VX033006.D  
Acq On : 23 Nov 2022 02:03  
Operator : JC/MD  
Sample : N5741-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
Data File : VX033006.D  
Acq On : 23 Nov 2022 02:03  
Operator : JC/MD  
Sample : N5741-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-24

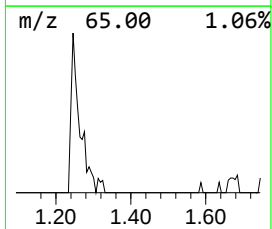
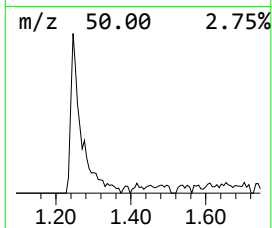
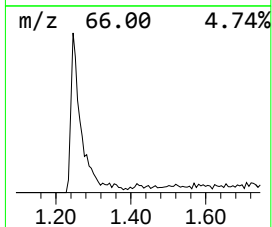
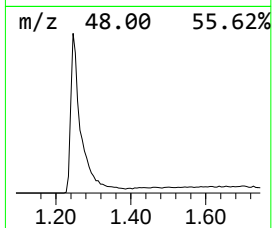
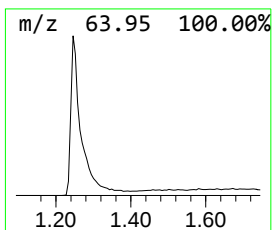
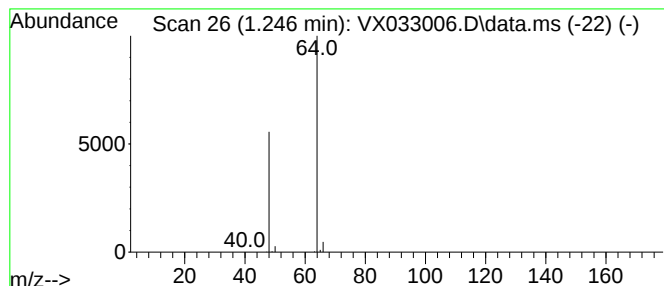
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260

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.  |
|-------|------------|--------|--------------------|-------|
| 1.246 | 34.56 ug/l | 238113 | Pentafluorobenzene | 5.556 |

| 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, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
Data File : VX033006.D  
Acq On : 23 Nov 2022 02:03  
Operator : JC/MD  
Sample : N5741-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-24

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.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   | 1.246 | 34.6    | ug/l  | 238113   | 1                     | 5.556 | 344453 | 50.0 |