

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122223\  
Data File : VX039453.D  
Acq On : 22 Dec 2023 20:16  
Operator : JC/MD  
Sample : 05975-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6-122023

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\82X121323W.M

Title : SW846 8260

Signal : TIC: VX039453.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         | 1.240       | 22            | 25          | 43           | rBV      | 67628          | 139545        | 18.48%          | 3.325%        |
| 2         | 5.385       | 694           | 705         | 721          | rBV      | 77919          | 230379        | 30.52%          | 5.489%        |
| 3         | 5.550       | 721           | 732         | 747          | rVV      | 111808         | 319581        | 42.33%          | 7.614%        |
| 4         | 5.958       | 789           | 799         | 816          | rBV      | 91827          | 244875        | 32.44%          | 5.834%        |
| 5         | 6.757       | 920           | 930         | 946          | rBV      | 211885         | 515066        | 68.23%          | 12.271%       |
| 6         | 8.647       | 1233          | 1240        | 1256         | rBV      | 460045         | 723865        | 95.88%          | 17.245%       |
| 7         | 10.055      | 1465          | 1471        | 1485         | rBV      | 494748         | 708024        | 93.78%          | 16.868%       |
| 8         | 11.079      | 1634          | 1639        | 1652         | rBV      | 440543         | 561157        | 74.33%          | 13.369%       |
| 9         | 12.018      | 1788          | 1793        | 1804         | rBV      | 588821         | 754947        | 100.00%         | 17.986%       |

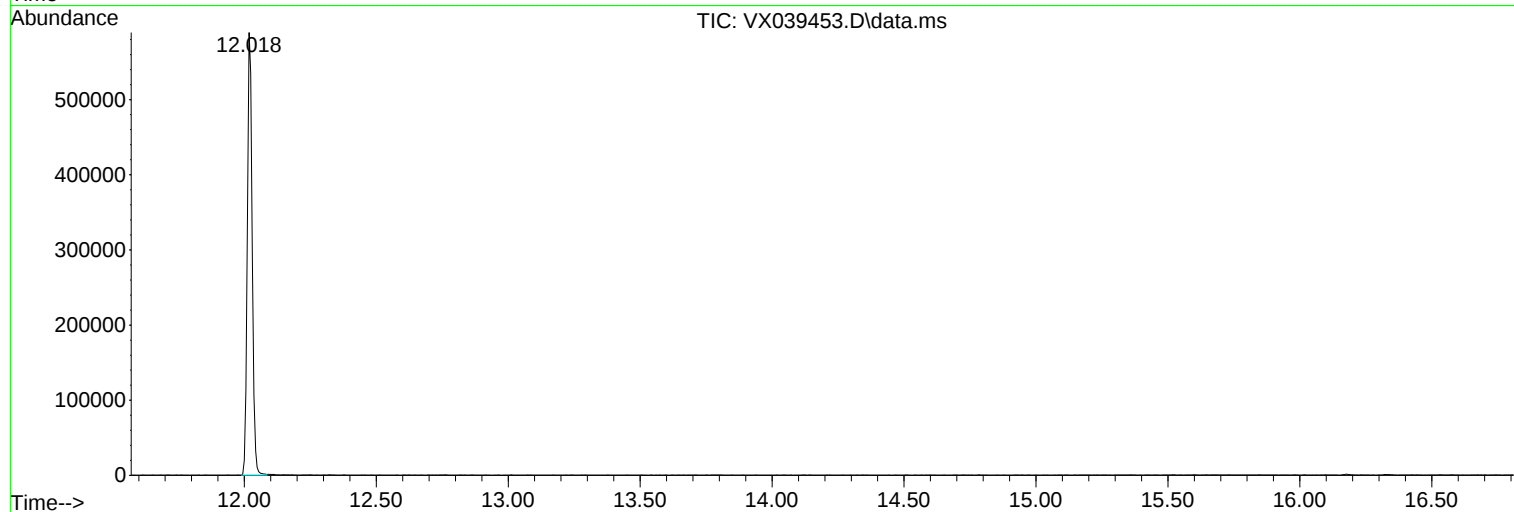
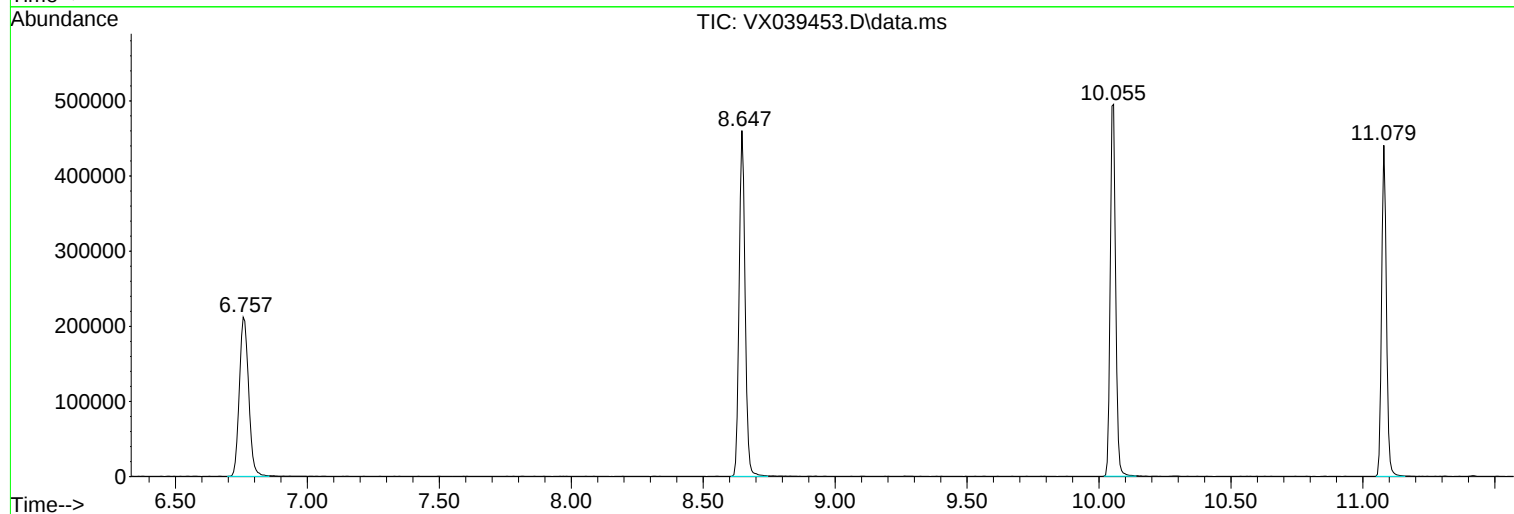
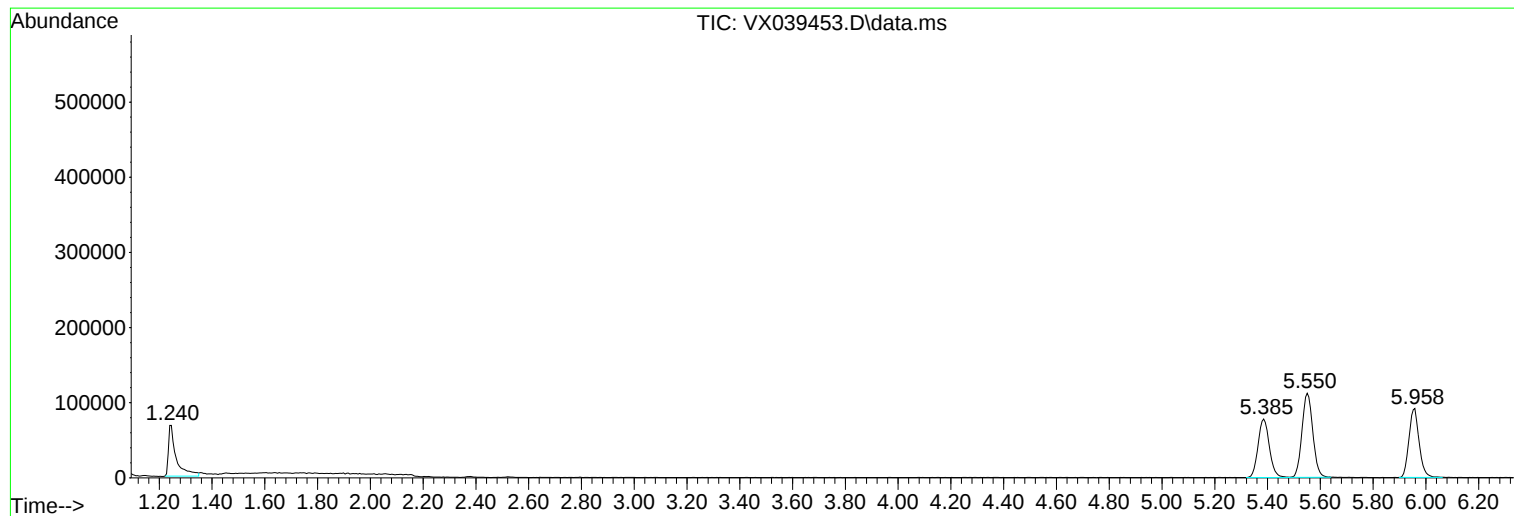
Sum of corrected areas: 4197439

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121323W.M  
Quant Title : SW846 8260

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



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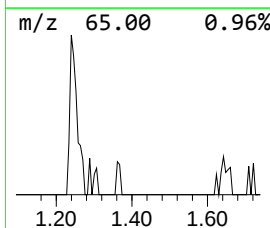
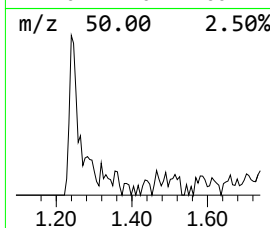
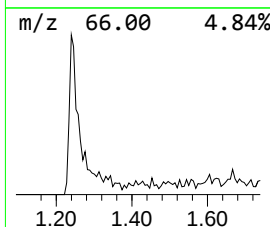
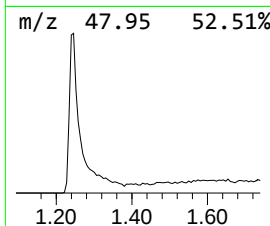
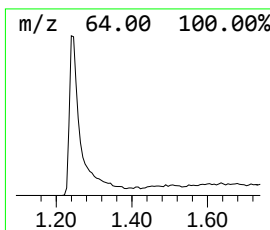
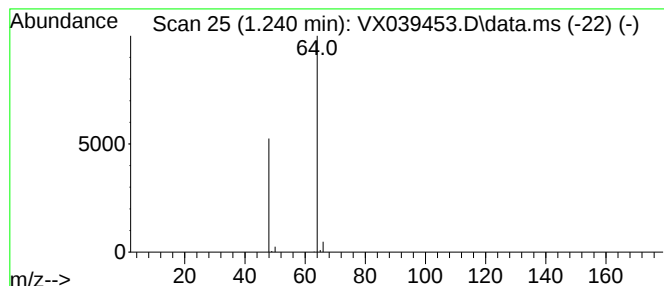
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 1.240 | 21.83 ug/l | 139545 | Pentafluorobenzene | 5.550 |

| 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   | 1.240 | 21.8    | ug/l  | 139545   | 1                     | 5.550 | 319581 | 50.0 |