

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051624\  
Data File : VX041562.D  
Acq On : 16 May 2024 14:43  
Operator : JC/MD  
Sample : P2508-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
240513002-02-TRIP-BLANK

Integration Parameters: RTEINT3.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X051524W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX041562.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         | 4.897       | 615           | 625         | 643          | rBV2     | 54060          | 166693        | 39.75%          | 9.759%        |
| 2         | 5.099       | 651           | 658         | 669          | rVB4     | 3128           | 9792          | 2.34%           | 0.573%        |
| 3         | 5.958       | 787           | 799         | 816          | rBV      | 59572          | 162911        | 38.85%          | 9.537%        |
| 4         | 6.757       | 920           | 930         | 948          | rBV      | 125803         | 311749        | 74.34%          | 18.251%       |
| 5         | 8.647       | 1234          | 1240        | 1255         | rBV      | 266000         | 419334        | 100.00%         | 24.549%       |
| 6         | 10.055      | 1465          | 1471        | 1488         | rBV      | 250465         | 362680        | 86.49%          | 21.232%       |
| 7         | 11.079      | 1634          | 1639        | 1654         | rBV      | 212252         | 274989        | 65.58%          | 16.099%       |

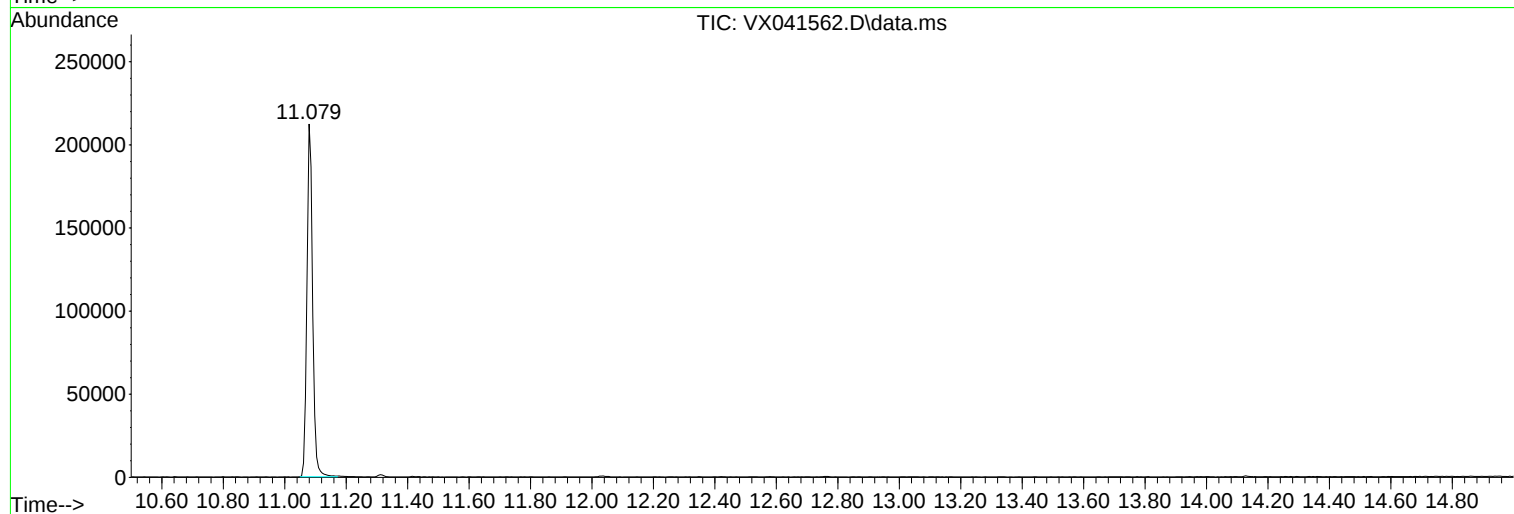
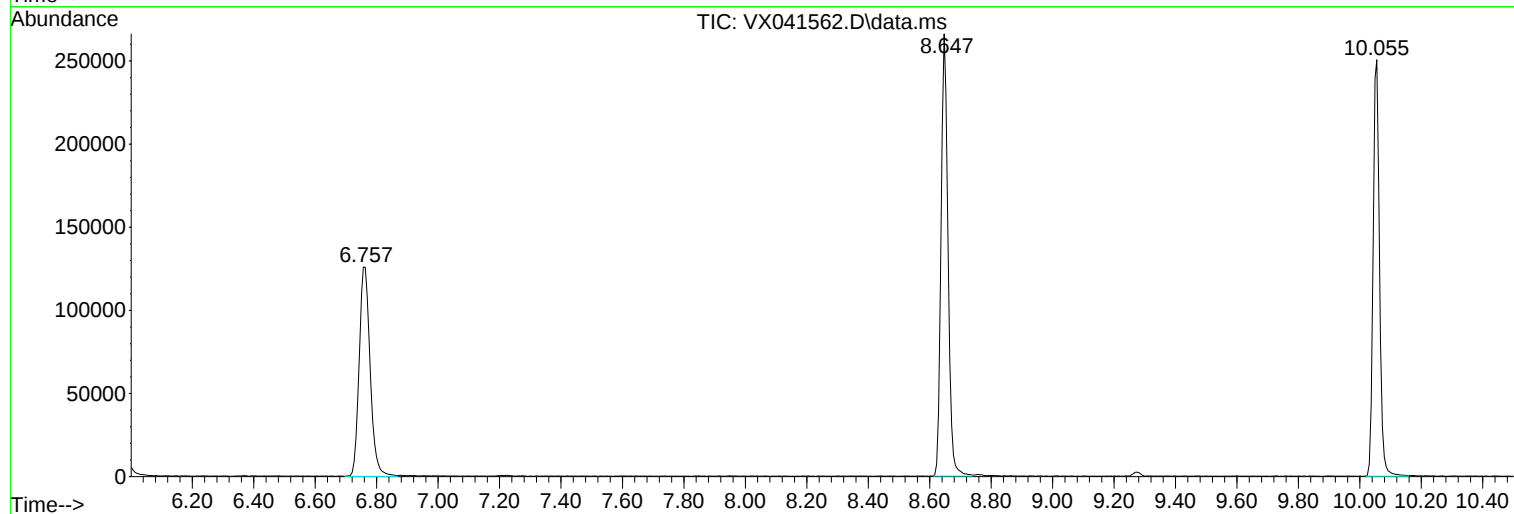
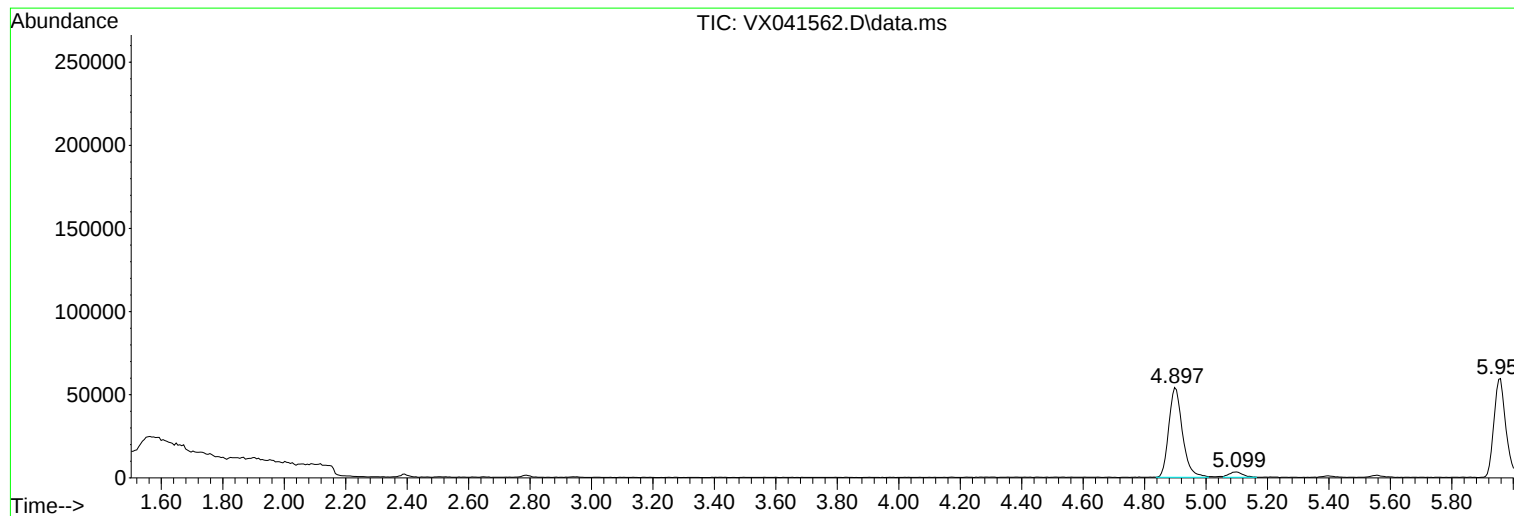
Sum of corrected areas: 1708148

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Instrument :  
MSVOA\_X  
ClientSampleId :  
240513002-02-TRIP-BLANK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X051524W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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ClientSampleId :  
240513002-02-TRIP-BLANK

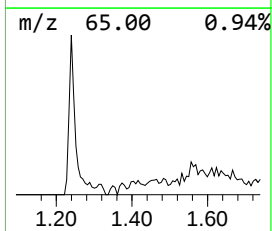
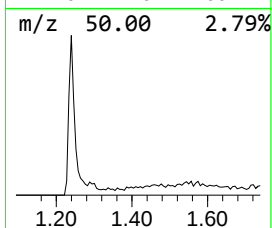
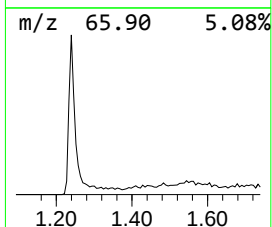
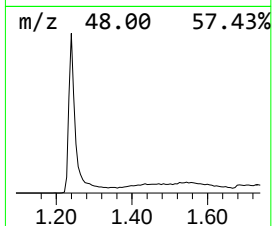
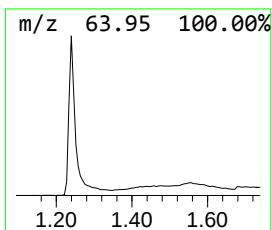
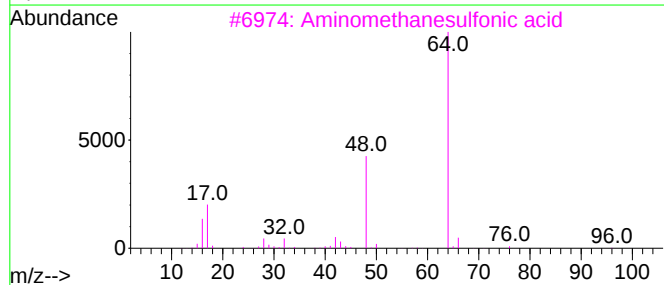
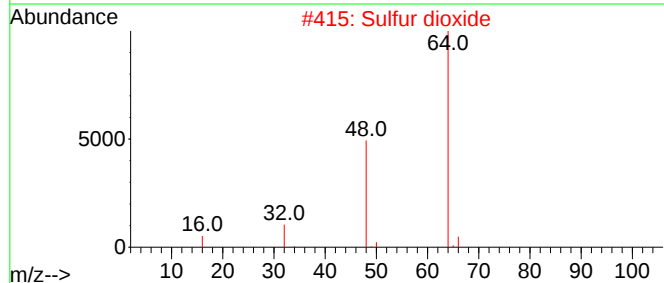
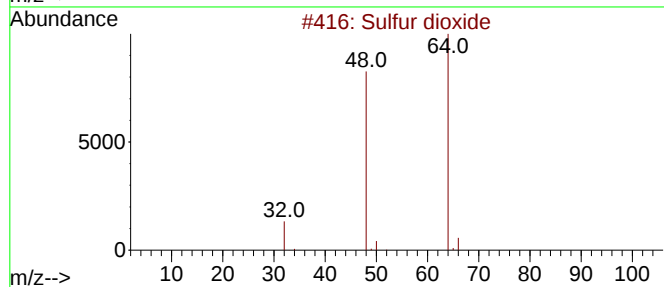
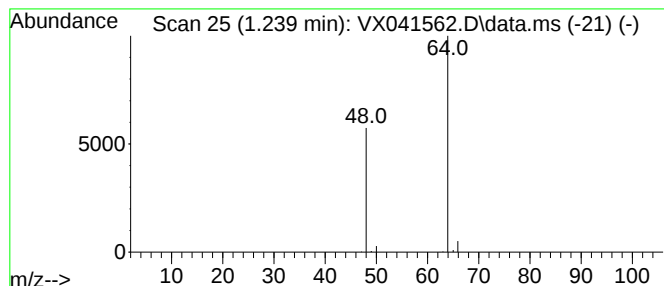
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X051524W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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.  |
|-------|------------|--------|--------------------|-------|
| 1.239 | 61.53 ug/l | 341871 | Bromochloromethane | 4.897 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.239 | 61.5    | ug/l  | 341871   | 1                     | 4.897 | 166693 | 30.0 |