

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022024\  
 Data File : VV034272.D  
 Acq On : 20 Feb 2024 16:07  
 Operator : SY/MD  
 Sample : P1501-20  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E10B9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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\_V\Method\SFAMVTR012524WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV034272.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         | 1.185       | 37            | 45          | 68           | rBV      | 27606          | 71105         | 30.29%          | 3.498%        |
| 2         | 1.278       | 68            | 74          | 83           | rVB      | 30681          | 32339         | 13.78%          | 1.591%        |
| 3         | 1.346       | 83            | 95          | 103          | rBV2     | 11370          | 31582         | 13.46%          | 1.554%        |
| 4         | 1.532       | 147           | 153         | 164          | rVB      | 31083          | 36876         | 15.71%          | 1.814%        |
| 5         | 2.060       | 308           | 317         | 336          | rVB      | 65746          | 103004        | 43.88%          | 5.067%        |
| 6         | 3.825       | 855           | 866         | 898          | rBV2     | 16852          | 67172         | 28.62%          | 3.305%        |
| 7         | 4.249       | 983           | 998         | 1022         | rBV2     | 41471          | 107056        | 45.61%          | 5.267%        |
| 8         | 4.957       | 1205          | 1218        | 1246         | rBV2     | 92840          | 234715        | 100.00%         | 11.547%       |
| 9         | 5.535       | 1388          | 1398        | 1425         | rBV      | 79647          | 164748        | 70.19%          | 8.105%        |
| 10        | 5.989       | 1529          | 1539        | 1560         | rBV2     | 50117          | 106847        | 45.52%          | 5.256%        |
| 11        | 6.918       | 1819          | 1828        | 1850         | rBV      | 22765          | 43756         | 18.64%          | 2.153%        |
| 12        | 7.243       | 1919          | 1929        | 1949         | rBV      | 111806         | 200709        | 85.51%          | 9.874%        |
| 13        | 7.561       | 2020          | 2028        | 2044         | rBV      | 11996          | 22352         | 9.52%           | 1.100%        |
| 14        | 8.030       | 2165          | 2174        | 2208         | rBV      | 89710          | 189118        | 80.57%          | 9.304%        |
| 15        | 8.786       | 2399          | 2409        | 2435         | rBV      | 117816         | 198904        | 84.74%          | 9.785%        |
| 16        | 10.153      | 2825          | 2834        | 2850         | rBV      | 33510          | 53152         | 22.65%          | 2.615%        |
| 17        | 11.185      | 3145          | 3155        | 3175         | rBV      | 119394         | 190106        | 80.99%          | 9.352%        |
| 18        | 11.561      | 3261          | 3272        | 3295         | rBV      | 107329         | 172282        | 73.40%          | 8.475%        |
| 19        | 14.728      | 4250          | 4257        | 4268         | rVB4     | 4706           | 6895          | 2.94%           | 0.339%        |

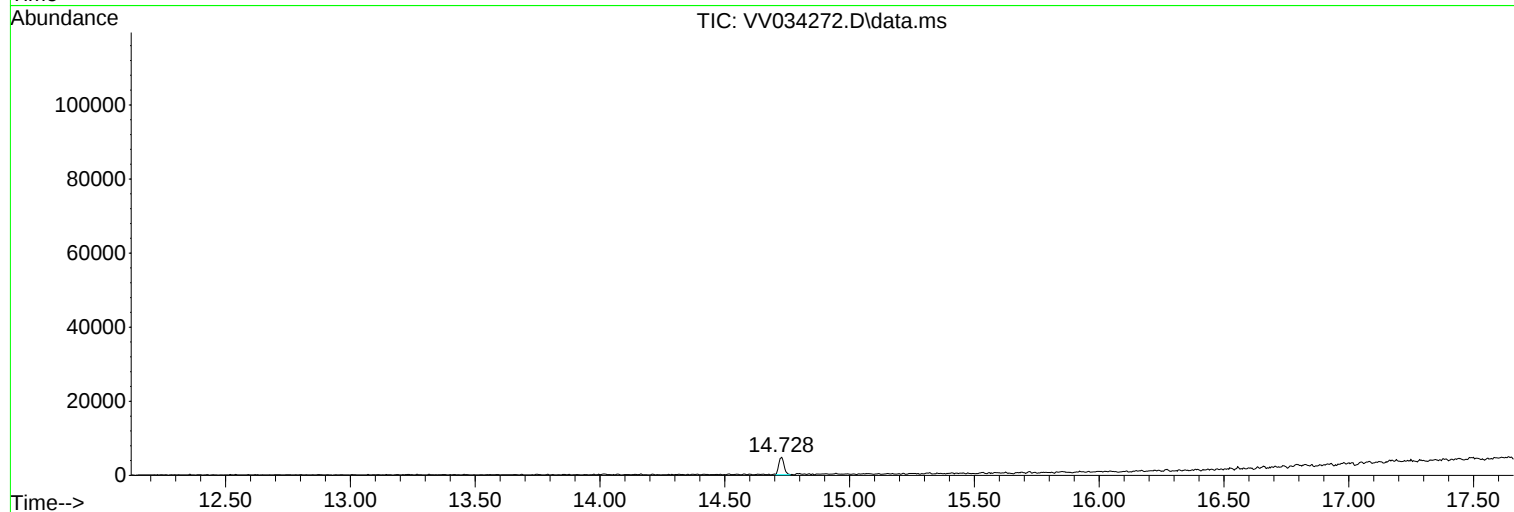
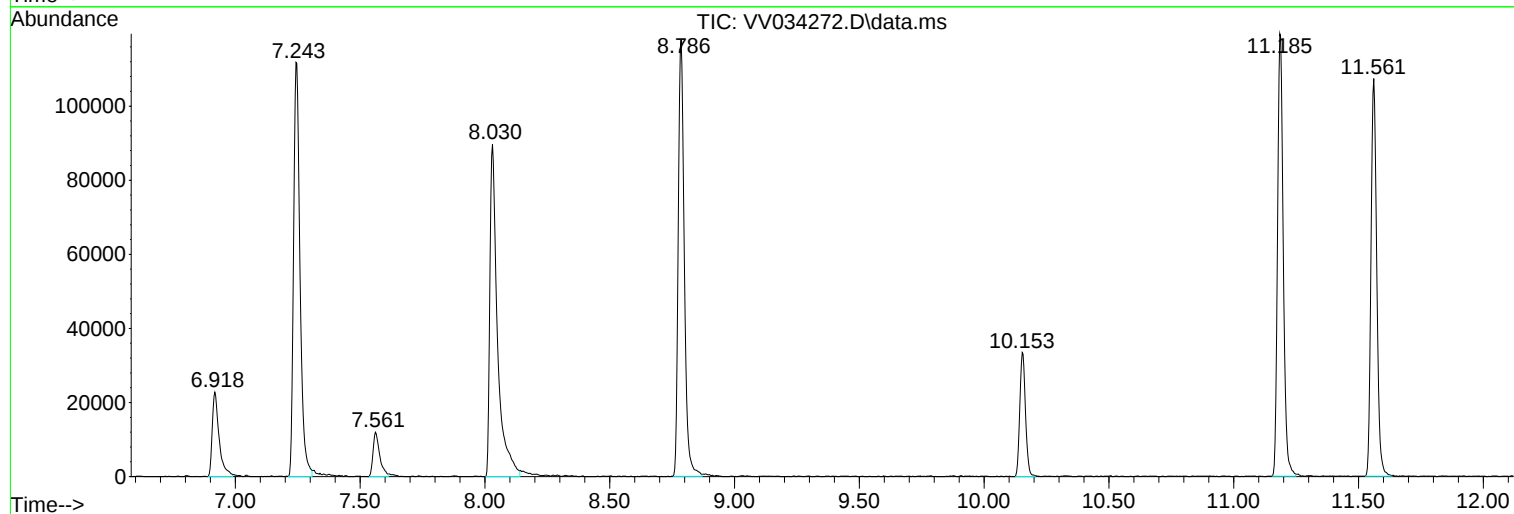
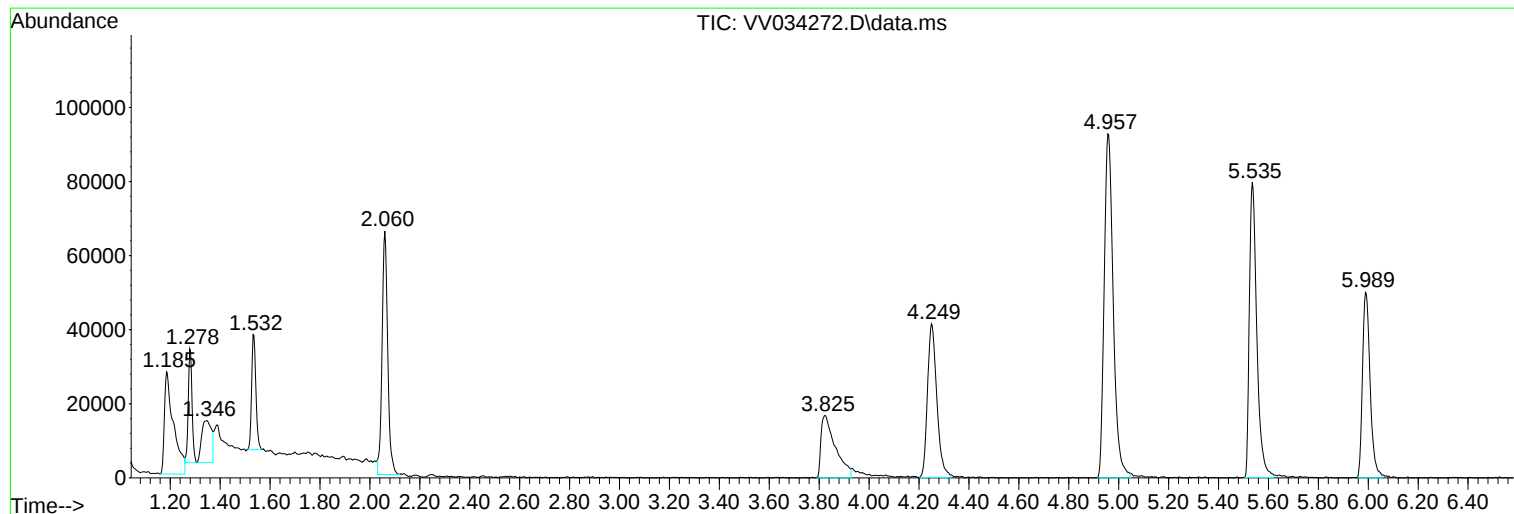
Sum of corrected areas: 2032718

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Instrument :  
MSVOA\_V  
ClientSampleId :  
E10B9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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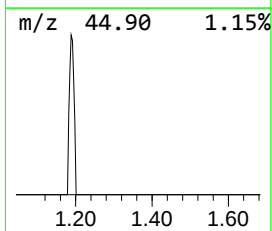
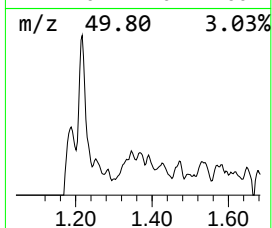
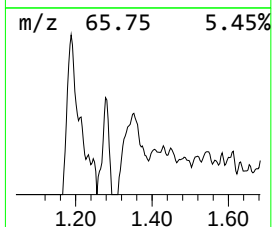
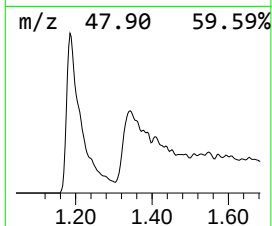
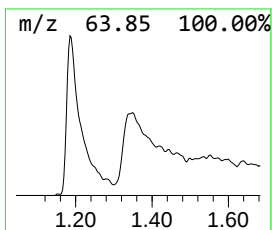
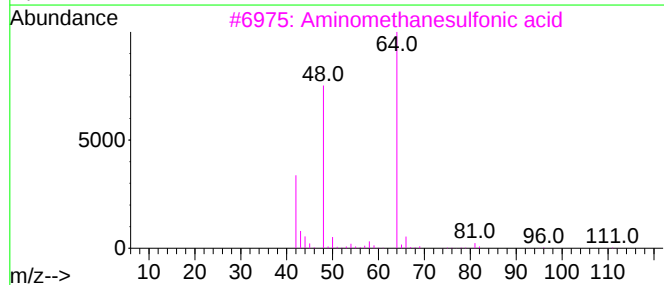
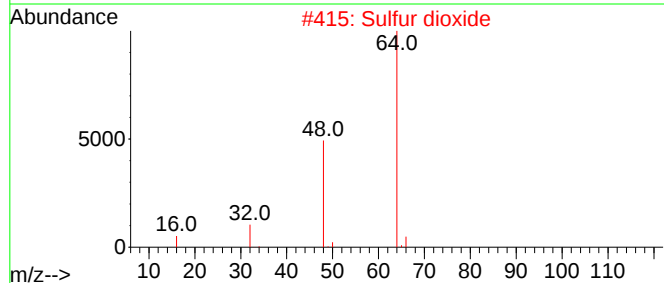
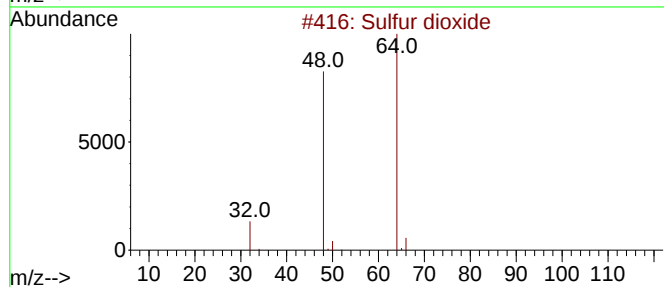
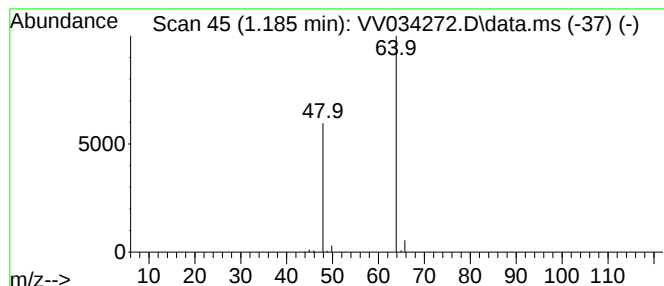
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|-------|---------------------|-------|
| 1.185 | 2.16 ug/L | 71105 | 1,4-Difluorobenzene | 5.535 |

| 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 | 64   |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64   |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 9    |



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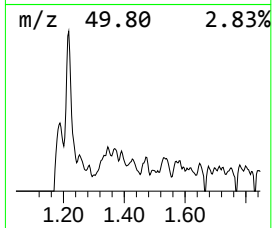
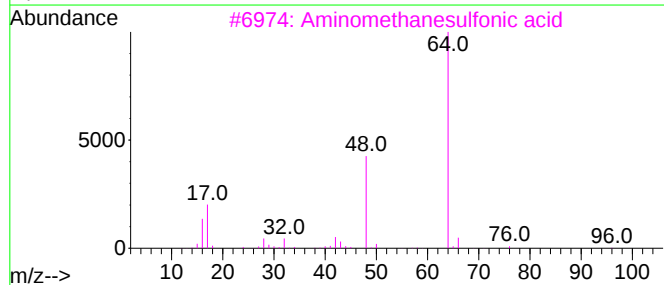
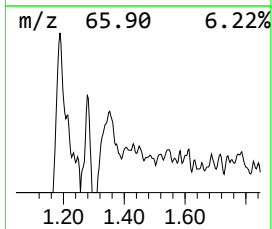
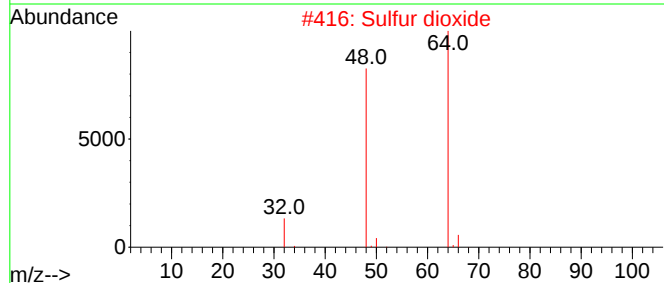
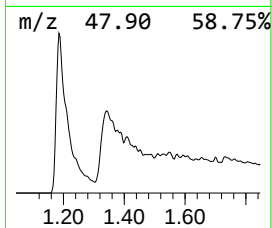
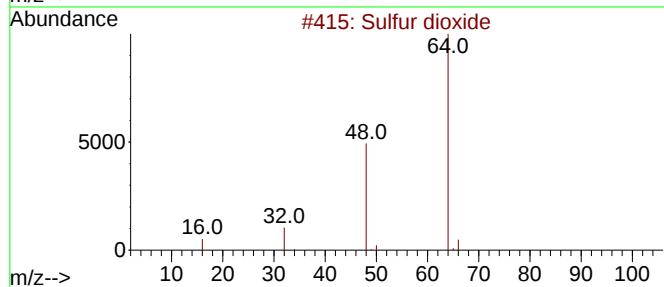
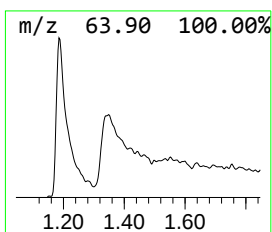
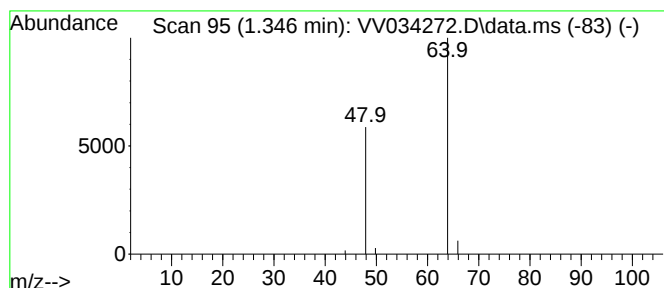
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 unknown-01 Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.346 | 0.96 ug/L | 31582 | 1,4-Difluorobenzene | 5.535 |

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



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.185 | 2.2     | ug/L  | 71105    | 1                     | 5.535 | 164748 | 5.0  |
| unknown-01       | 1.346 | 1.0     | ug/L  | 31582    | 1                     | 5.535 | 164748 | 5.0  |