

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022024\  
 Data File : VV034262.D  
 Acq On : 20 Feb 2024 12:03  
 Operator : SY/MD  
 Sample : P1503-23  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DCND0

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: VV034262.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         | 1.175       | 34            | 42          | 52           | rBV      | 45660          | 61922         | 26.75%          | 3.009%        |
| 2         | 1.281       | 67            | 75          | 79           | rBV      | 33305          | 40893         | 17.67%          | 1.987%        |
| 3         | 1.532       | 147           | 153         | 169          | rVB      | 35380          | 43762         | 18.90%          | 2.127%        |
| 4         | 2.060       | 308           | 317         | 333          | rVB      | 66445          | 106436        | 45.98%          | 5.173%        |
| 5         | 2.246       | 367           | 375         | 391          | rBV      | 1592           | 3329          | 1.44%           | 0.162%        |
| 6         | 2.706       | 504           | 518         | 536          | rBV2     | 27285          | 56465         | 24.39%          | 2.744%        |
| 7         | 3.802       | 850           | 859         | 887          | rBV2     | 21556          | 66923         | 28.91%          | 3.252%        |
| 8         | 4.249       | 981           | 998         | 1024         | rBV2     | 40443          | 105217        | 45.45%          | 5.113%        |
| 9         | 4.580       | 1090          | 1101        | 1111         | rBV6     | 2532           | 5847          | 2.53%           | 0.284%        |
| 10        | 4.957       | 1205          | 1218        | 1246         | rBV2     | 91322          | 231485        | 100.00%         | 11.250%       |
| 11        | 5.535       | 1388          | 1398        | 1420         | rBV      | 77547          | 157825        | 68.18%          | 7.670%        |
| 12        | 5.989       | 1529          | 1539        | 1565         | rBV2     | 50584          | 106766        | 46.12%          | 5.189%        |
| 13        | 6.918       | 1819          | 1828        | 1855         | rBV2     | 21704          | 41820         | 18.07%          | 2.032%        |
| 14        | 7.243       | 1919          | 1929        | 1957         | rBV      | 116475         | 205731        | 88.87%          | 9.998%        |
| 15        | 7.561       | 2020          | 2028        | 2052         | rBV3     | 11263          | 21965         | 9.49%           | 1.067%        |
| 16        | 8.027       | 2164          | 2173        | 2208         | rBV      | 90900          | 185087        | 79.96%          | 8.995%        |
| 17        | 8.786       | 2399          | 2409        | 2429         | rBV      | 118045         | 195814        | 84.59%          | 9.516%        |
| 18        | 10.153      | 2824          | 2834        | 2853         | rBB      | 34276          | 53383         | 23.06%          | 2.594%        |
| 19        | 11.185      | 3145          | 3155        | 3175         | rBV      | 121056         | 190625        | 82.35%          | 9.264%        |
| 20        | 11.561      | 3259          | 3272        | 3295         | rBV      | 110417         | 176348        | 76.18%          | 8.570%        |

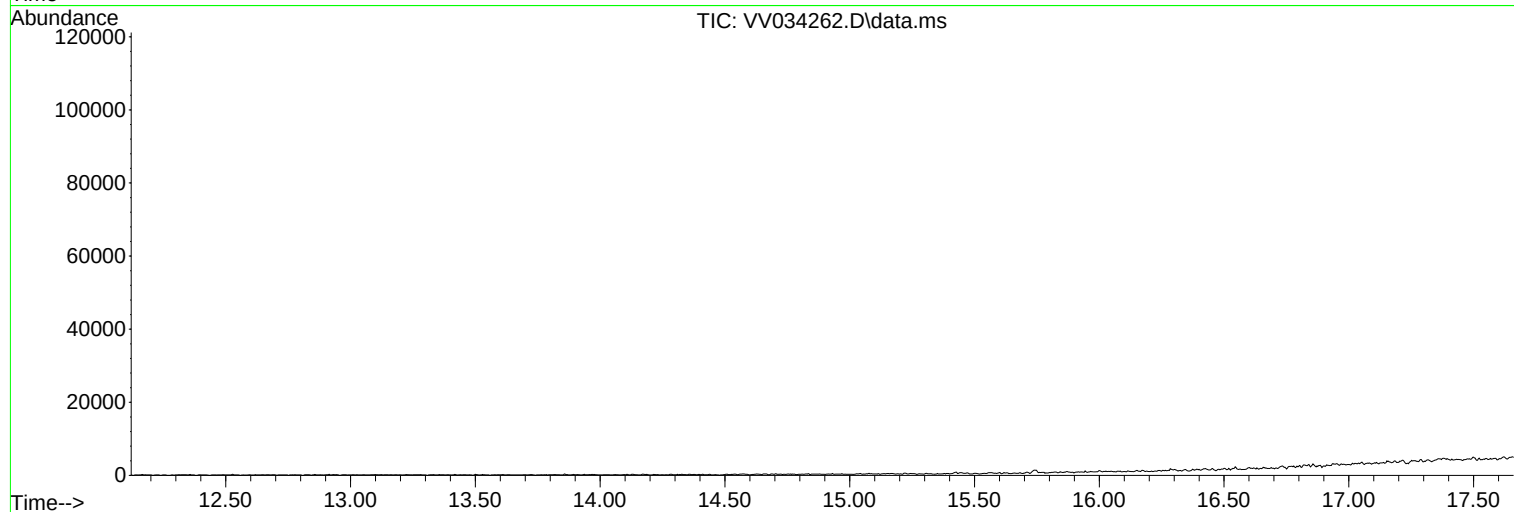
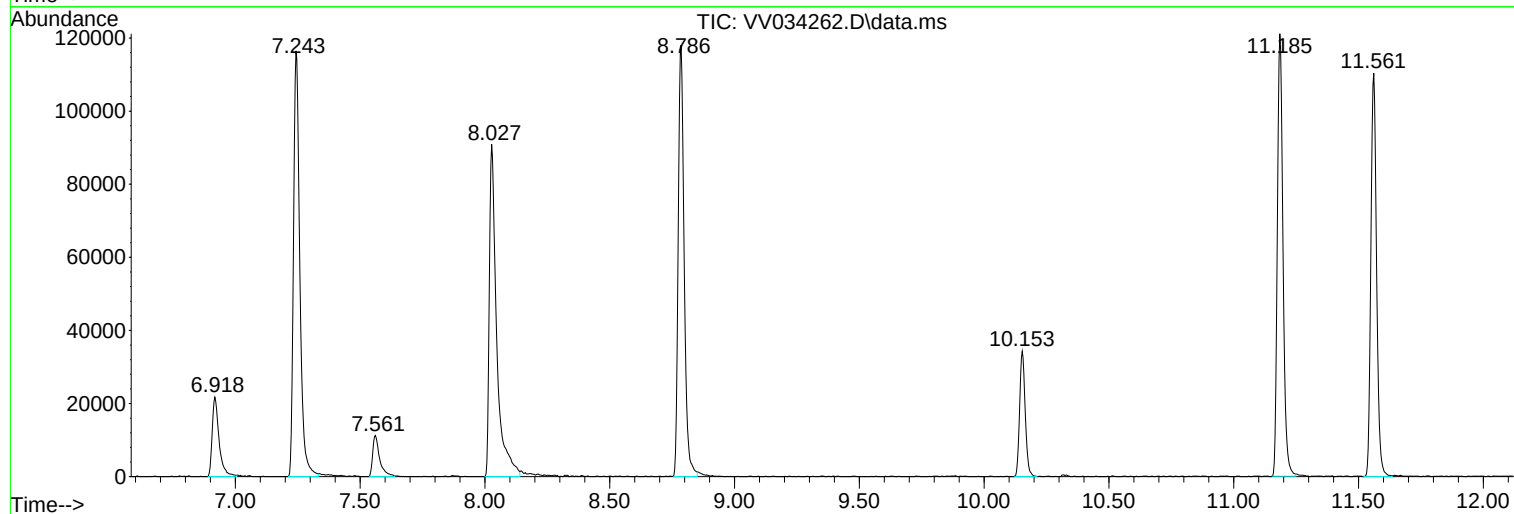
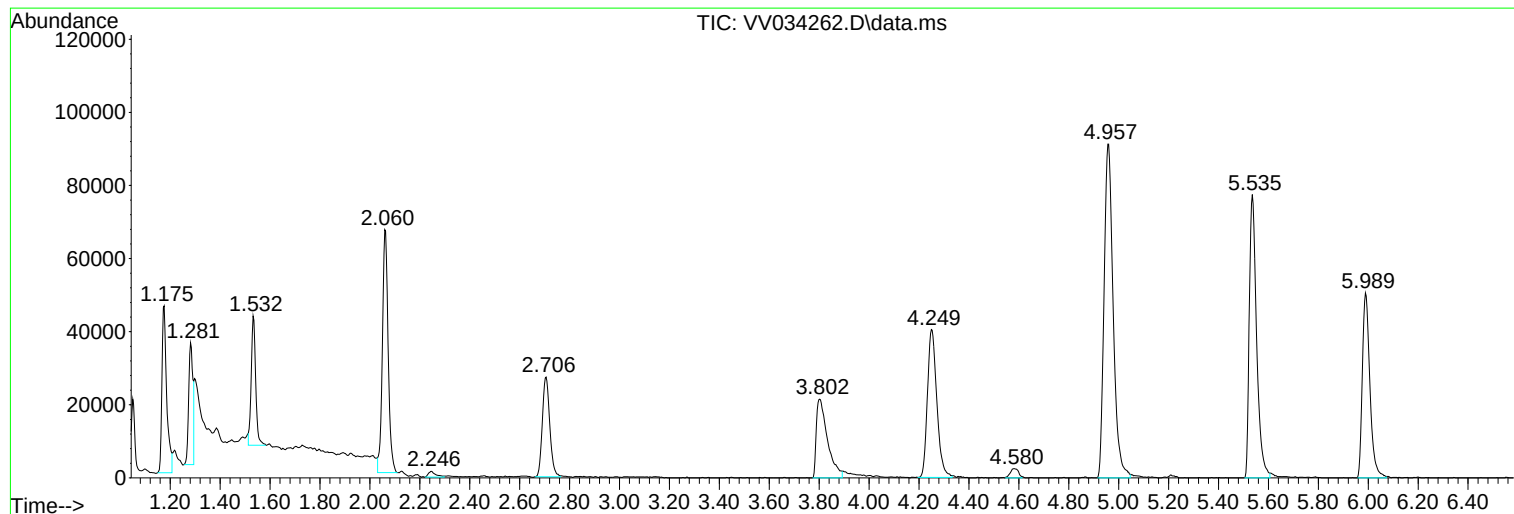
Sum of corrected areas: 2057643

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ClientSampleId :  
DCND0

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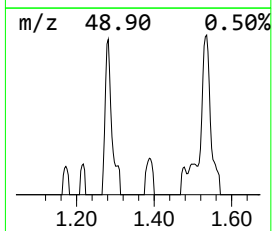
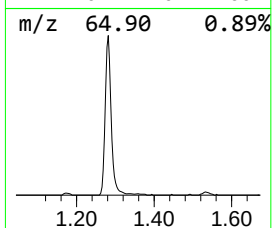
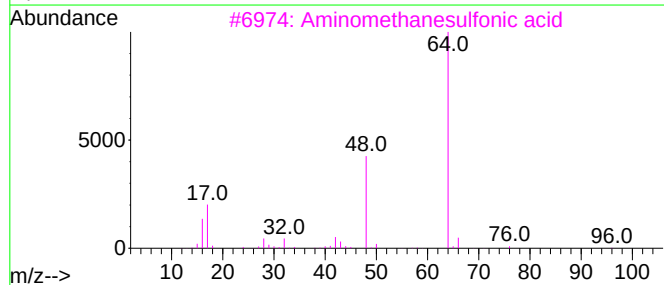
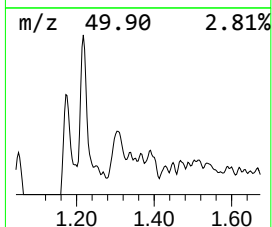
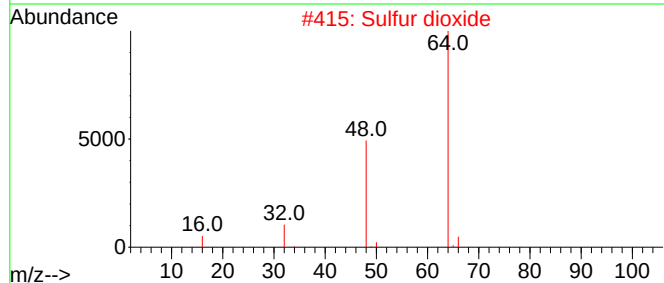
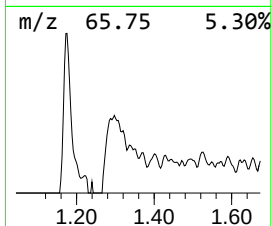
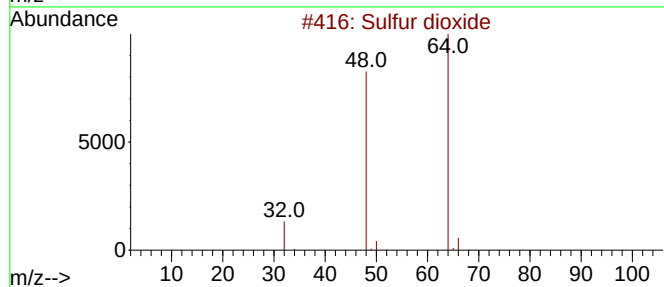
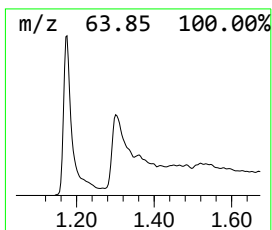
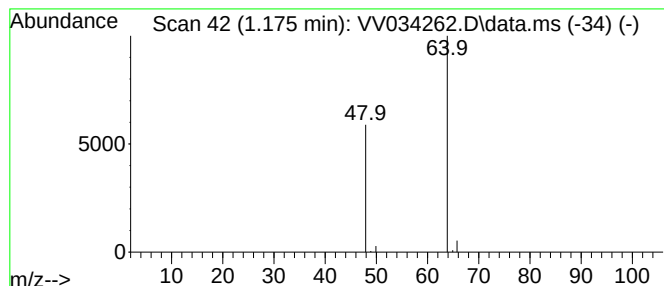
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|-------|---------------------|-------|
| 1.175 | 1.96 ug/L | 61922 | 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 | 74   |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.175 | 2.0     | ug/L  | 61922    | 1                     | 5.535 | 157825 | 5.0  |