

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011224\  
 Data File : VV033620.D  
 Acq On : 13 Jan 2024 01:27  
 Operator : SY/MD  
 Sample : P1121-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8L6

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\SFAMVTR011224WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV033620.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         | 1.085       | 9             | 14          | 31           | rVB3     | 9011           | 14413         | 3.89%           | 0.387%        |
| 2         | 1.172       | 34            | 41          | 63           | rBV      | 104409         | 143952        | 38.86%          | 3.864%        |
| 3         | 1.297       | 68            | 80          | 114          | rBV2     | 108028         | 330644        | 89.26%          | 8.876%        |
| 4         | 1.535       | 148           | 154         | 166          | rVB      | 46728          | 56825         | 15.34%          | 1.526%        |
| 5         | 2.063       | 309           | 318         | 331          | rVV      | 80177          | 125366        | 33.84%          | 3.366%        |
| 6         | 2.124       | 332           | 337         | 355          | rVB      | 9641           | 21445         | 5.79%           | 0.576%        |
| 7         | 2.243       | 364           | 374         | 392          | rBV      | 31720          | 48820         | 13.18%          | 1.311%        |
| 8         | 3.799       | 846           | 858         | 891          | rBV      | 39927          | 128020        | 34.56%          | 3.437%        |
| 9         | 4.252       | 982           | 999         | 1029         | rBV      | 61228          | 160317        | 43.28%          | 4.304%        |
| 10        | 4.960       | 1204          | 1219        | 1250         | rBV2     | 143203         | 370423        | 100.00%         | 9.944%        |
| 11        | 5.538       | 1388          | 1399        | 1425         | rBV      | 132688         | 281927        | 76.11%          | 7.569%        |
| 12        | 5.847       | 1482          | 1495        | 1511         | rBV4     | 7119           | 15464         | 4.17%           | 0.415%        |
| 13        | 5.992       | 1525          | 1540        | 1570         | rBV2     | 84341          | 182521        | 49.27%          | 4.900%        |
| 14        | 6.921       | 1819          | 1829        | 1855         | rBV      | 37183          | 75285         | 20.32%          | 2.021%        |
| 15        | 7.246       | 1916          | 1930        | 1954         | rBV      | 173902         | 311646        | 84.13%          | 8.366%        |
| 16        | 7.564       | 2020          | 2029        | 2049         | rBV2     | 19912          | 40028         | 10.81%          | 1.075%        |
| 17        | 8.027       | 2164          | 2173        | 2213         | rBV      | 171431         | 360732        | 97.38%          | 9.684%        |
| 18        | 8.786       | 2398          | 2409        | 2436         | rBV      | 203743         | 345685        | 93.32%          | 9.280%        |
| 19        | 10.156      | 2825          | 2835        | 2847         | rBV2     | 54284          | 86789         | 23.43%          | 2.330%        |
| 20        | 11.188      | 3146          | 3156        | 3176         | rBV      | 219175         | 344547        | 93.01%          | 9.250%        |
| 21        | 11.561      | 3261          | 3272        | 3297         | rVB      | 174724         | 280137        | 75.63%          | 7.520%        |

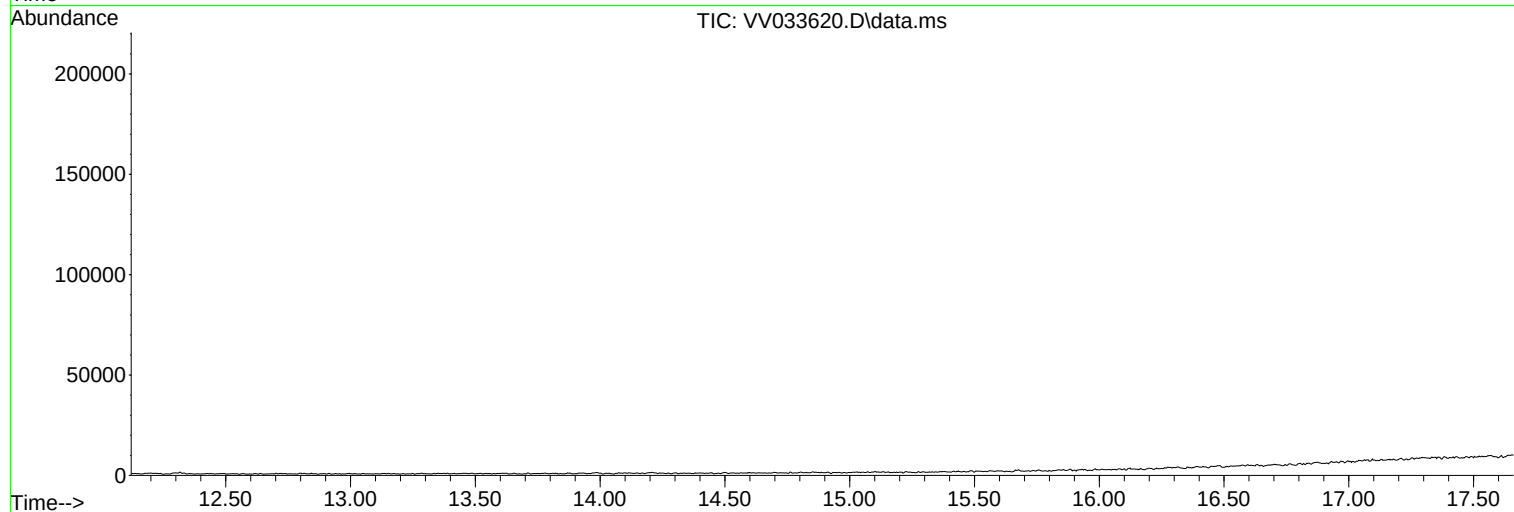
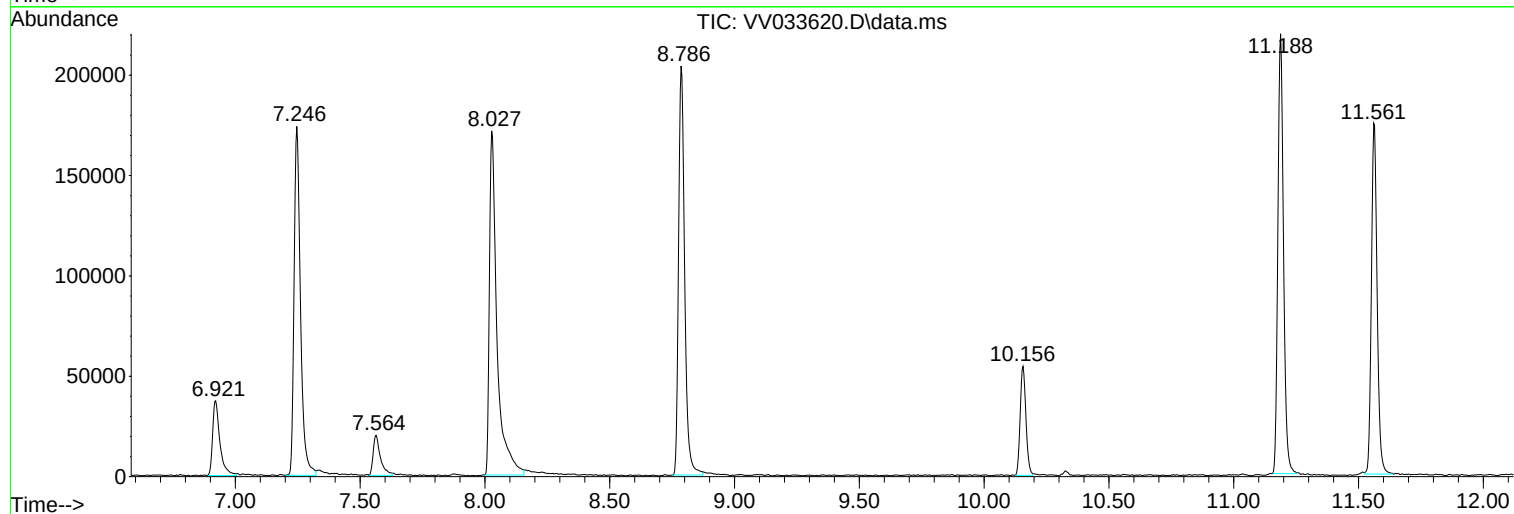
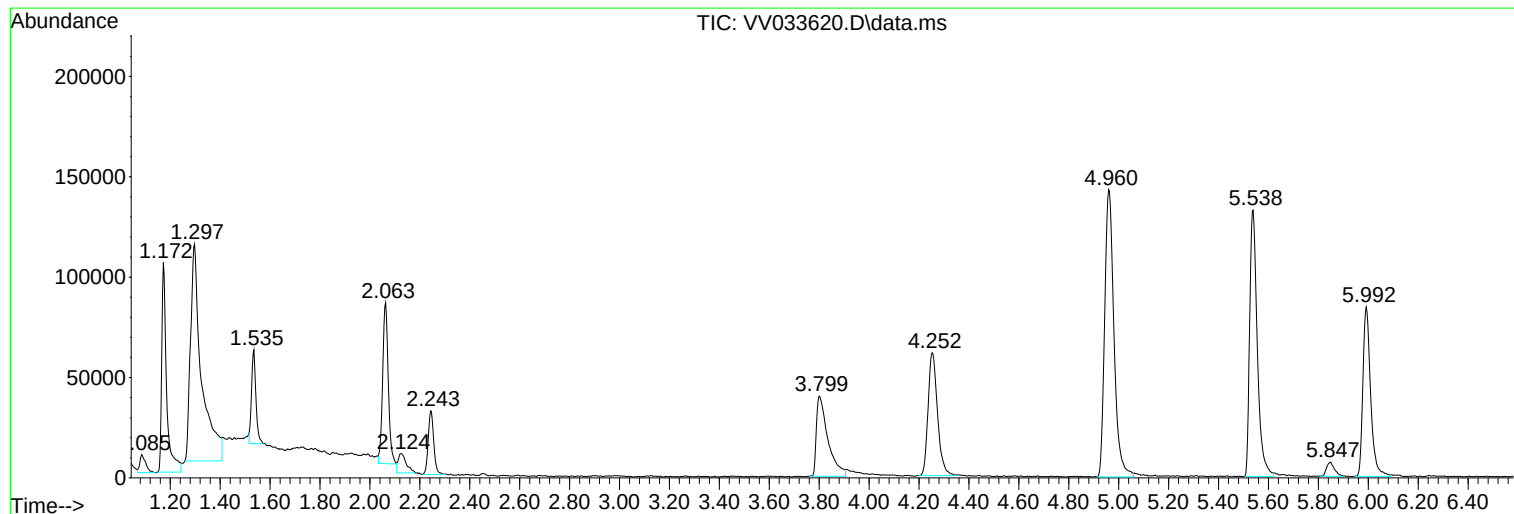
Sum of corrected areas: 3724986

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ClientSampleId :  
BH8L6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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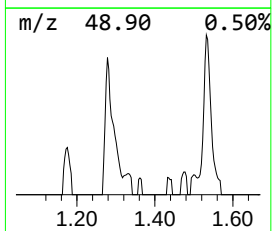
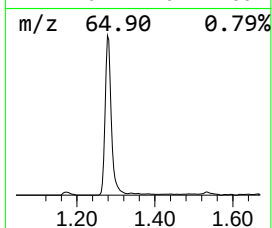
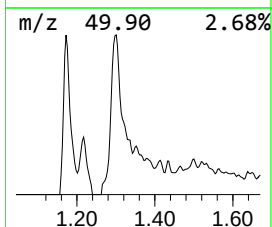
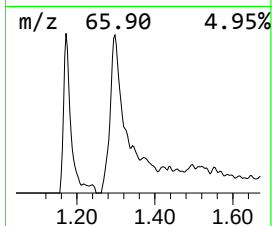
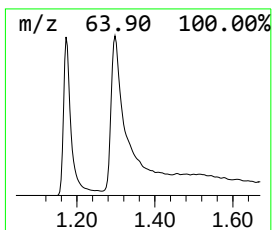
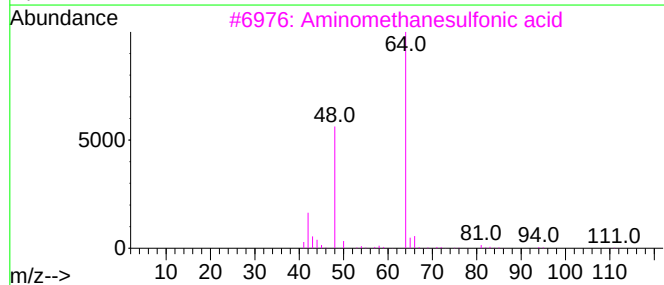
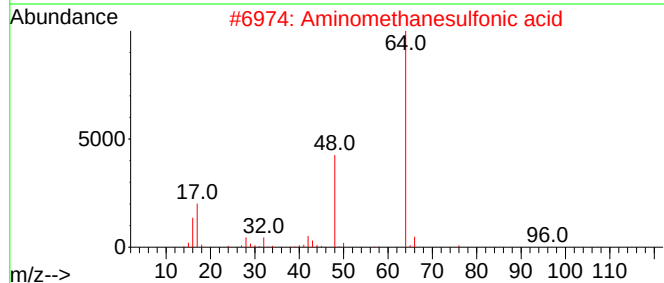
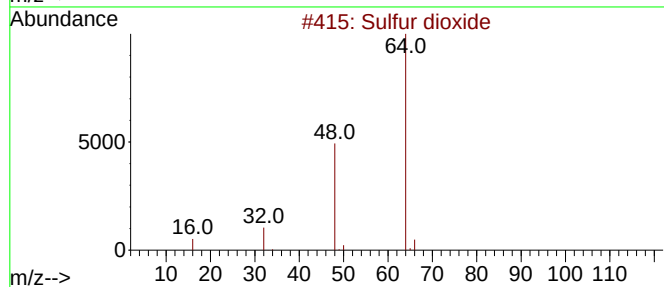
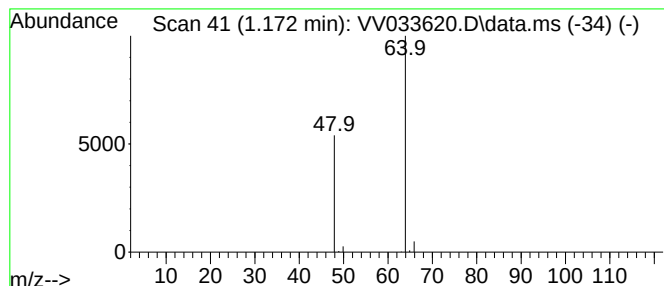
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.172 | 2.55 ug/L | 143952 | 1,4-Difluorobenzene | 5.538 |

| 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    |    |   | 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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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.172 | 2.5     | ug/L  | 143952   | 1                     | 5.538 | 281927 | 5.0  |