

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111622\  
 Data File : VV029035.D  
 Acq On : 16 Nov 2022 22:58  
 Operator : SY/MD  
 Sample : N5604-21  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46E4

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\SFAMVTR111122WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV029035.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         | 1.121       | 19            | 25          | 37           | rVB      | 14297          | 15563         | 1.79%           | 0.196%        |
| 2         | 1.214       | 48            | 54          | 57           | rBV2     | 7919           | 9088          | 1.04%           | 0.114%        |
| 3         | 1.240       | 59            | 62          | 71           | rVV2     | 5072           | 9593          | 1.10%           | 0.121%        |
| 4         | 1.307       | 76            | 83          | 102          | rVB2     | 122972         | 139704        | 16.04%          | 1.757%        |
| 5         | 1.413       | 103           | 116         | 129          | rBV      | 50045          | 166770        | 19.15%          | 2.097%        |
| 6         | 1.568       | 157           | 164         | 174          | rVB      | 93085          | 106728        | 12.26%          | 1.342%        |
| 7         | 2.104       | 321           | 331         | 345          | rVB      | 208985         | 312602        | 35.90%          | 3.931%        |
| 8         | 2.760       | 516           | 535         | 562          | rBV3     | 55579          | 117310        | 13.47%          | 1.475%        |
| 9         | 3.902       | 876           | 890         | 921          | rBV3     | 177945         | 532267        | 61.12%          | 6.693%        |
| 10        | 4.342       | 1012          | 1027        | 1057         | rBV3     | 145430         | 362898        | 41.67%          | 4.563%        |
| 11        | 5.043       | 1228          | 1245        | 1279         | rBV2     | 341359         | 870840        | 100.00%         | 10.950%       |
| 12        | 5.612       | 1411          | 1422        | 1449         | rBV      | 262024         | 548898        | 63.03%          | 6.902%        |
| 13        | 5.911       | 1502          | 1515        | 1544         | rBV      | 218556         | 446712        | 51.30%          | 5.617%        |
| 14        | 6.066       | 1550          | 1563        | 1600         | rVB      | 186738         | 393887        | 45.23%          | 4.953%        |
| 15        | 6.985       | 1838          | 1849        | 1875         | rBV      | 87521          | 173145        | 19.88%          | 2.177%        |
| 16        | 7.310       | 1939          | 1950        | 1969         | rBV      | 438622         | 787932        | 90.48%          | 9.908%        |
| 17        | 7.622       | 2038          | 2047        | 2066         | rBV      | 46132          | 89865         | 10.32%          | 1.130%        |
| 18        | 8.091       | 2183          | 2193        | 2238         | rBV2     | 258015         | 679254        | 78.00%          | 8.541%        |
| 19        | 8.847       | 2417          | 2428        | 2458         | rBV      | 378512         | 648489        | 74.47%          | 8.154%        |
| 20        | 9.143       | 2507          | 2520        | 2538         | rBV2     | 7737           | 15749         | 1.81%           | 0.198%        |
| 21        | 10.210      | 2840          | 2852        | 2880         | rBV      | 138406         | 228758        | 26.27%          | 2.876%        |
| 22        | 10.374      | 2890          | 2903        | 2919         | rVB2     | 18076          | 30765         | 3.53%           | 0.387%        |
| 23        | 11.242      | 3162          | 3173        | 3198         | rBV      | 369135         | 601987        | 69.13%          | 7.569%        |
| 24        | 11.615      | 3277          | 3289        | 3316         | rBV      | 409009         | 664045        | 76.25%          | 8.350%        |

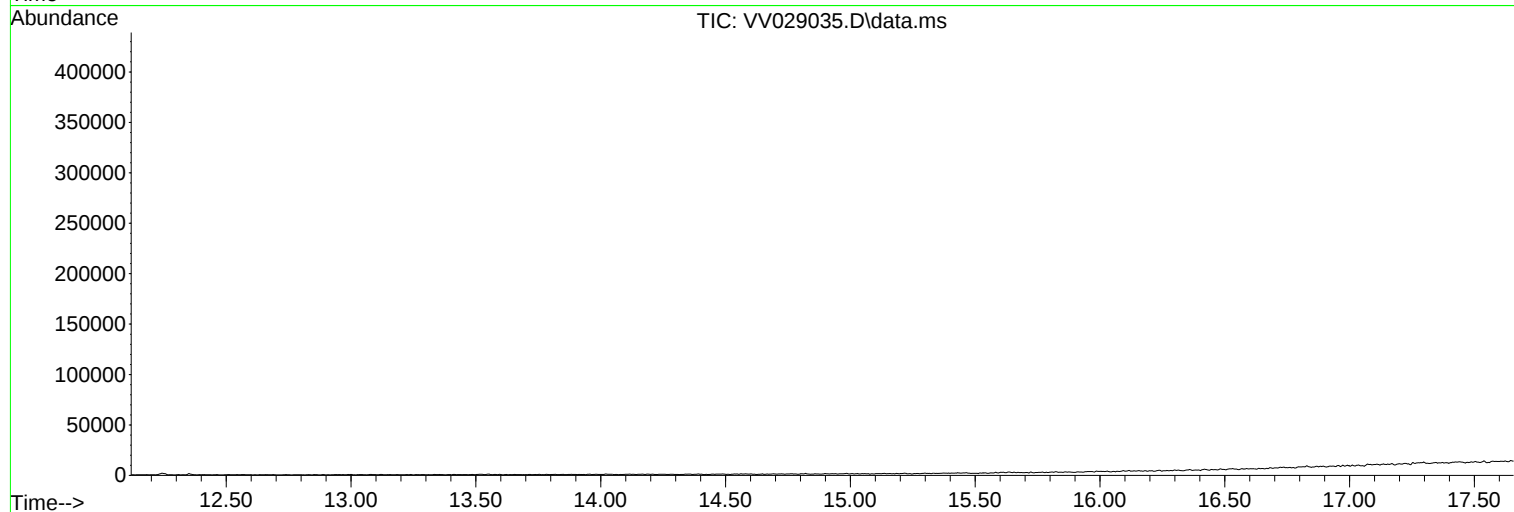
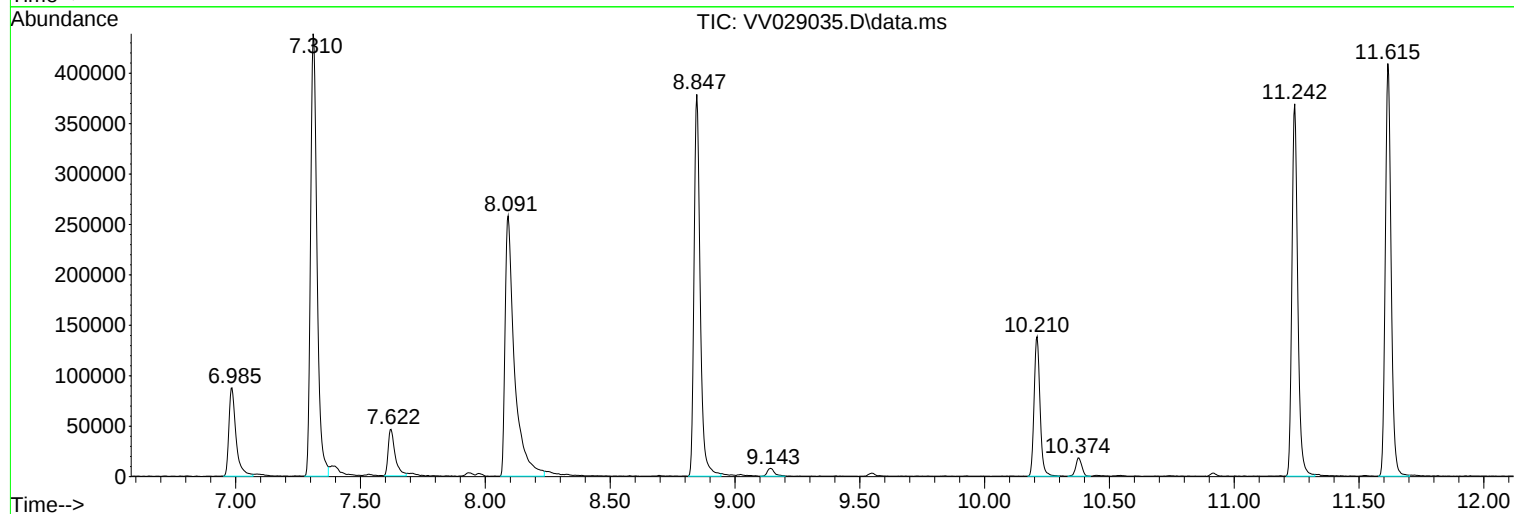
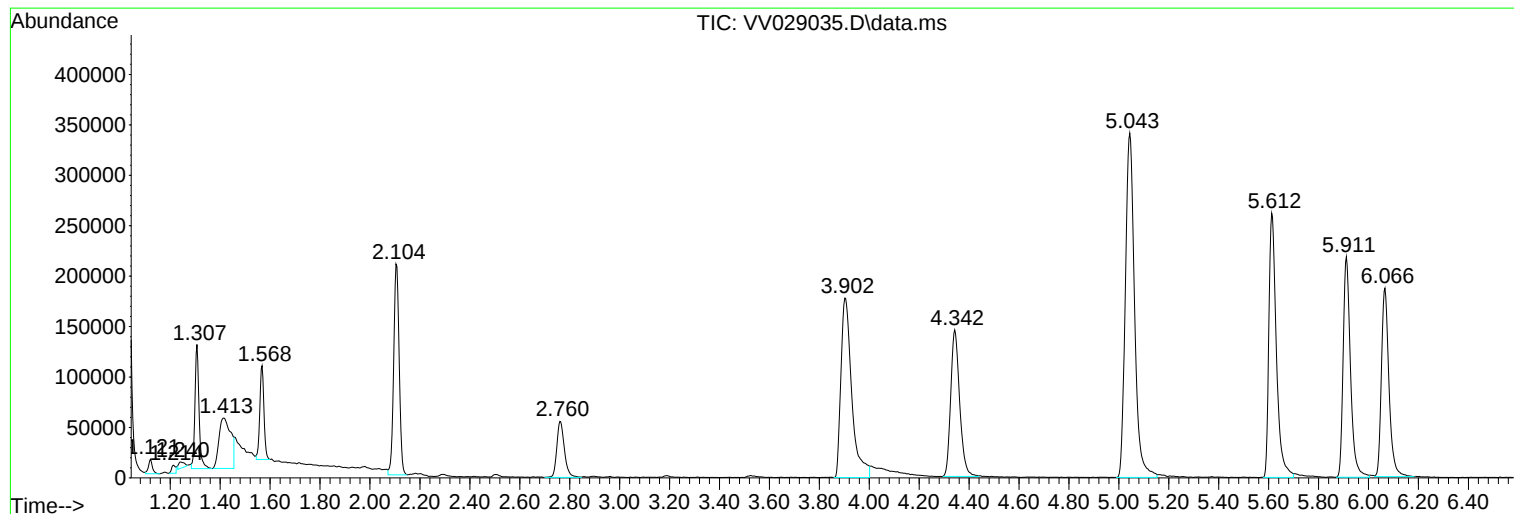
Sum of corrected areas: 7952849

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H46E4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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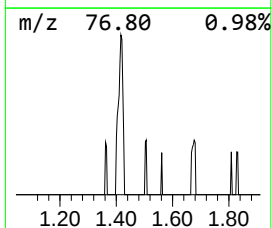
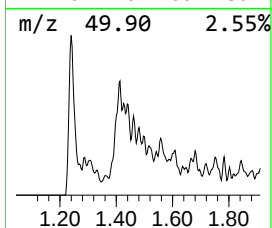
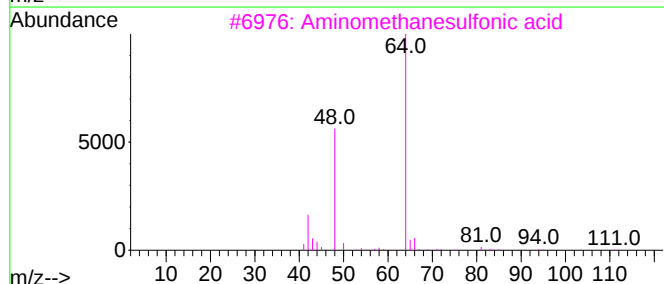
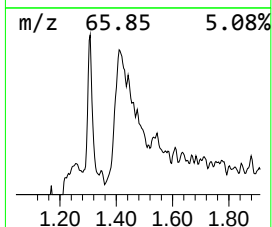
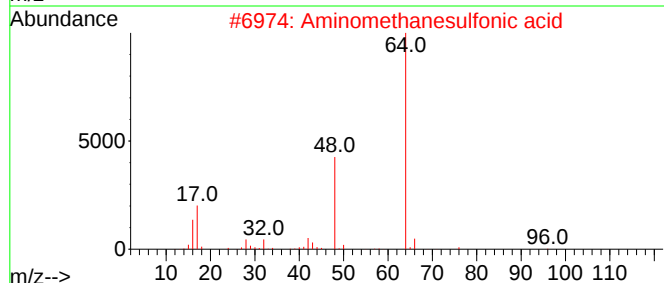
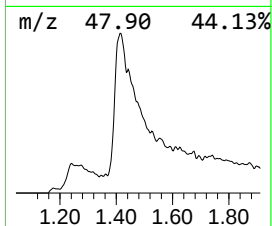
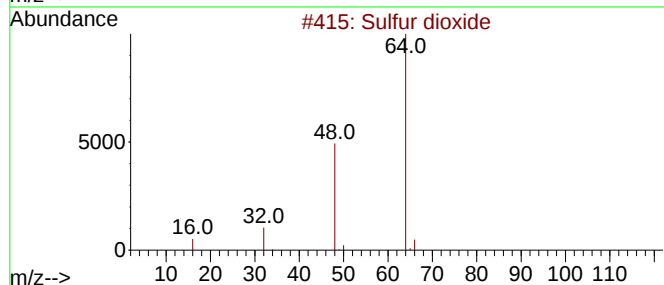
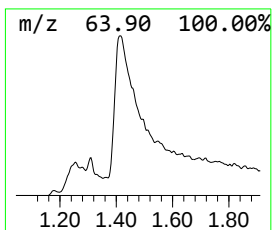
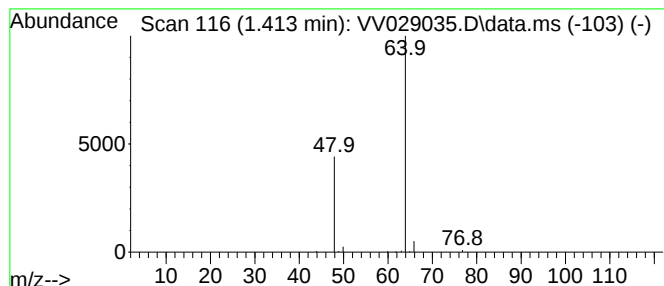
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.413 | 1.52 ug/L | 166770 | 1,4-Difluorobenzene | 5.612 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.413 | 1.5     | ug/L  | 166770   | 1                     | 5.612 | 548898 | 5.0  |