

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111722\  
 Data File : VV029064.D  
 Acq On : 17 Nov 2022 15:28  
 Operator : SY/MD  
 Sample : N5604-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46D3

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: VV029064.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         | 1.204       | 43            | 51          | 74           | rBV      | 367369         | 782645        | 50.25%          | 7.675%        |
| 2         | 1.310       | 77            | 84          | 92           | rBV2     | 645856         | 784383        | 50.36%          | 7.692%        |
| 3         | 1.568       | 159           | 164         | 177          | rVB      | 92386          | 119935        | 7.70%           | 1.176%        |
| 4         | 2.105       | 322           | 331         | 351          | rVB      | 192325         | 317282        | 20.37%          | 3.111%        |
| 5         | 2.574       | 469           | 477         | 491          | rVB4     | 8355           | 16909         | 1.09%           | 0.166%        |
| 6         | 2.764       | 520           | 536         | 564          | rBV      | 228117         | 488436        | 31.36%          | 4.790%        |
| 7         | 3.188       | 656           | 668         | 688          | rVB2     | 9064           | 21176         | 1.36%           | 0.208%        |
| 8         | 3.902       | 874           | 890         | 925          | rBV      | 610288         | 1557487       | 100.00%         | 15.273%       |
| 9         | 4.342       | 1013          | 1027        | 1047         | rVB      | 137461         | 333831        | 21.43%          | 3.274%        |
| 10        | 5.043       | 1228          | 1245        | 1282         | rBV2     | 321780         | 840683        | 53.98%          | 8.244%        |
| 11        | 5.612       | 1407          | 1422        | 1456         | rBV      | 274302         | 571782        | 36.71%          | 5.607%        |
| 12        | 5.921       | 1508          | 1518        | 1534         | rBV4     | 14940          | 31076         | 2.00%           | 0.305%        |
| 13        | 6.066       | 1549          | 1563        | 1588         | rBV      | 175927         | 371503        | 23.85%          | 3.643%        |
| 14        | 6.985       | 1836          | 1849        | 1883         | rBV      | 68912          | 140939        | 9.05%           | 1.382%        |
| 15        | 7.310       | 1938          | 1950        | 1973         | rBV      | 417971         | 739895        | 47.51%          | 7.256%        |
| 16        | 7.622       | 2037          | 2047        | 2062         | rBV2     | 34051          | 64440         | 4.14%           | 0.632%        |
| 17        | 8.088       | 2182          | 2192        | 2261         | rBV2     | 234851         | 698905        | 44.87%          | 6.854%        |
| 18        | 8.847       | 2416          | 2428        | 2459         | rBV      | 393727         | 672679        | 43.19%          | 6.596%        |
| 19        | 10.210      | 2838          | 2852        | 2872         | rBV      | 133860         | 222468        | 14.28%          | 2.182%        |
| 20        | 10.378      | 2894          | 2904        | 2918         | rVB2     | 9651           | 16752         | 1.08%           | 0.164%        |
| 21        | 11.242      | 3162          | 3173        | 3194         | rBV      | 418336         | 669487        | 42.99%          | 6.565%        |
| 22        | 11.615      | 3276          | 3289        | 3316         | rBV      | 422366         | 683316        | 43.87%          | 6.701%        |
| 23        | 14.818      | 4271          | 4285        | 4297         | rVB4     | 25758          | 51692         | 3.32%           | 0.507%        |

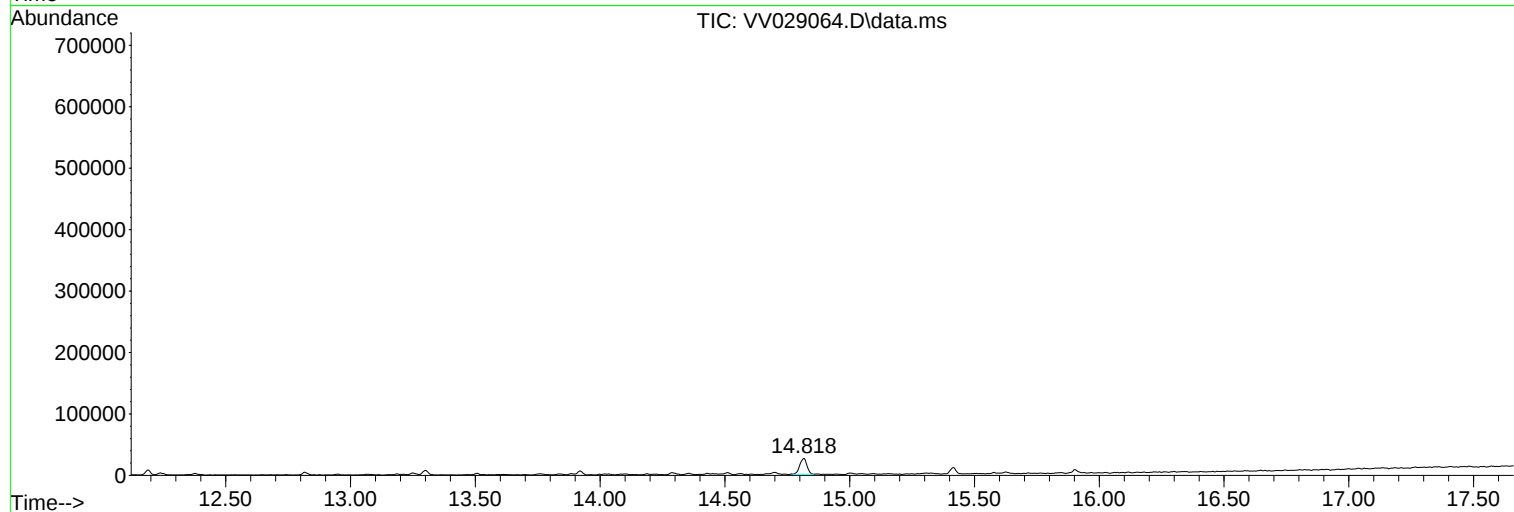
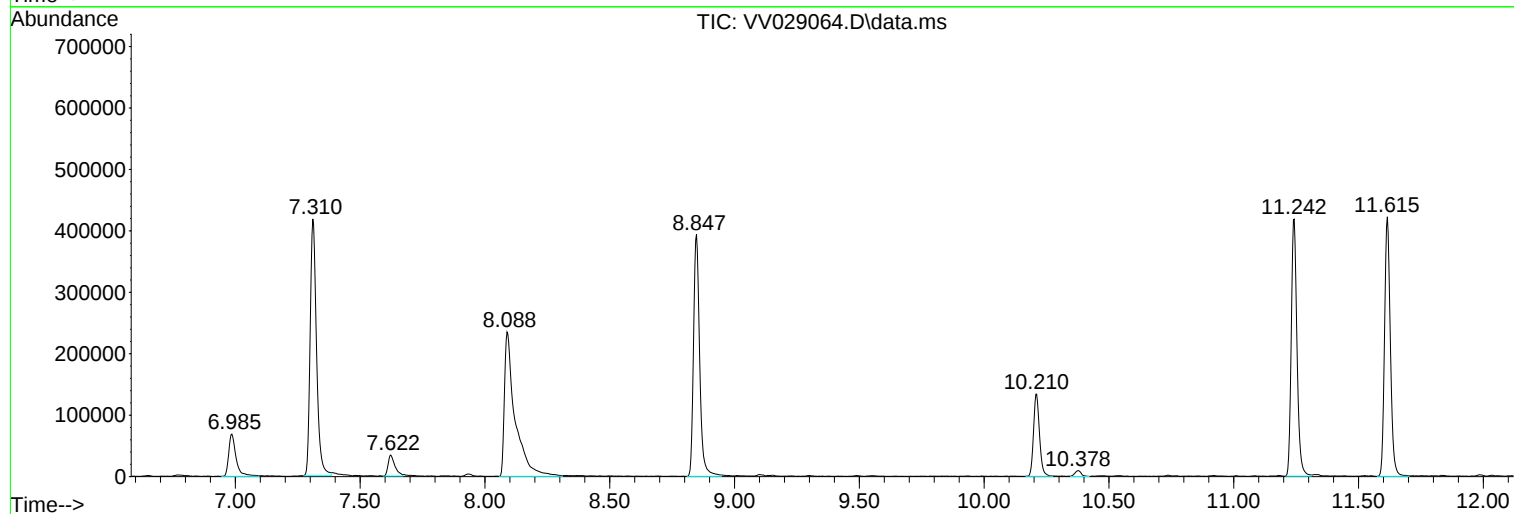
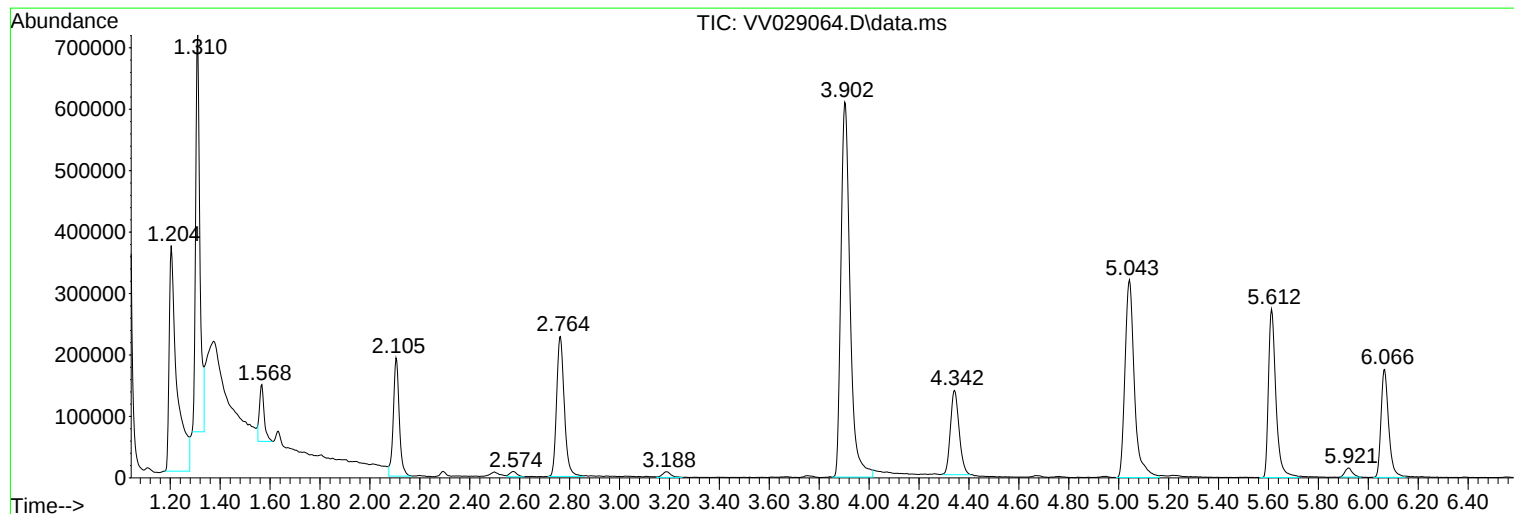
Sum of corrected areas: 10197701

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Instrument :  
MSVOA\_V  
ClientSampleId :  
H46D3

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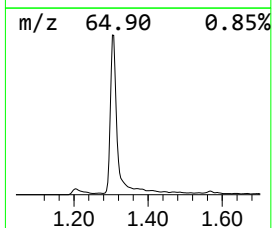
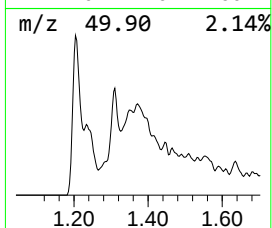
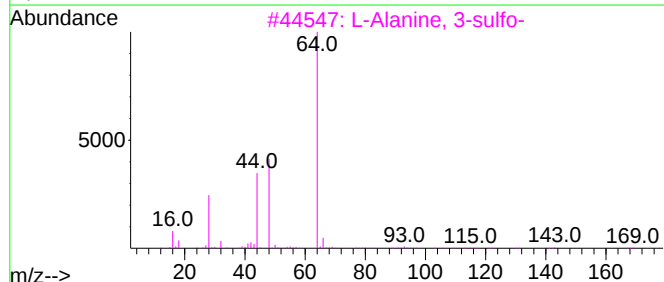
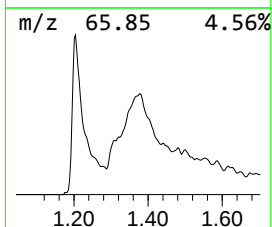
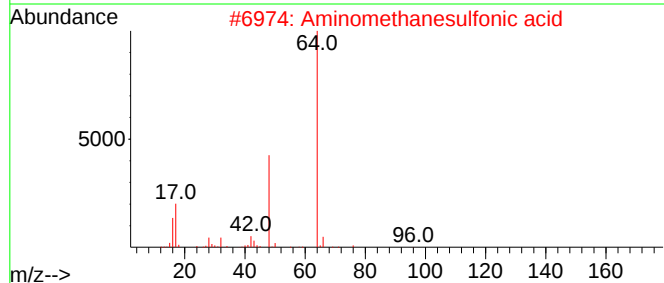
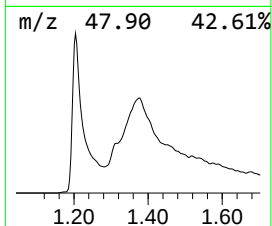
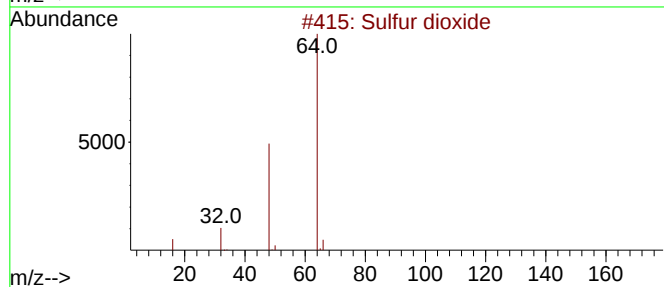
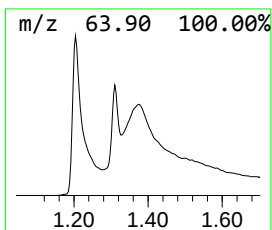
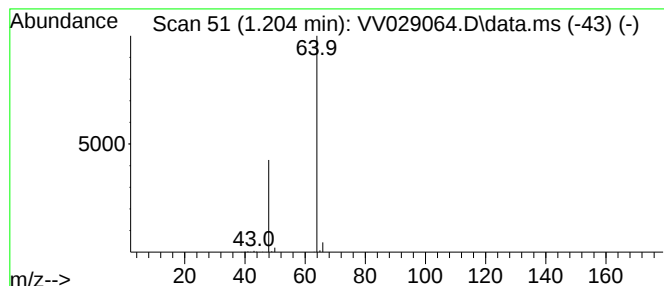
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.204 | 6.84 ug/L | 782645 | 1,4-Difluorobenzene | 5.612 |

| 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    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.204 | 6.8     | ug/L  | 782645   | 1                     | 5.612 | 571782 | 5.0  |