

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU020525\  
 Data File : VU063150.D  
 Acq On : 05 Feb 2025 11:19  
 Operator : MD/SY  
 Sample : Q1228-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E2994

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\_U\Method\SFAMUTR020425WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU063150.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         | 1.464       | 46            | 54          | 68           | rBV      | 30673          | 65979         | 22.83%          | 2.719%        |
| 2         | 1.592       | 88            | 94          | 105          | rVB      | 31576          | 36818         | 12.74%          | 1.517%        |
| 3         | 1.904       | 184           | 191         | 207          | rVB      | 32856          | 46071         | 15.94%          | 1.899%        |
| 4         | 2.557       | 382           | 394         | 407          | rBV      | 52620          | 85934         | 29.73%          | 3.542%        |
| 5         | 3.689       | 736           | 746         | 757          | rBV6     | 2408           | 5060          | 1.75%           | 0.209%        |
| 6         | 4.605       | 1020          | 1031        | 1070         | rBV      | 47528          | 118833        | 41.11%          | 4.898%        |
| 7         | 5.049       | 1153          | 1169        | 1195         | rBV      | 54846          | 121859        | 42.16%          | 5.022%        |
| 8         | 5.714       | 1357          | 1376        | 1401         | rBV2     | 109005         | 285816        | 98.89%          | 11.780%       |
| 9         | 6.239       | 1527          | 1539        | 1562         | rBV      | 104598         | 203301        | 70.34%          | 8.379%        |
| 10        | 6.679       | 1664          | 1676        | 1697         | rBV      | 70358          | 136446        | 47.21%          | 5.624%        |
| 11        | 7.557       | 1938          | 1949        | 1968         | rBV      | 31544          | 56689         | 19.61%          | 2.336%        |
| 12        | 7.888       | 2038          | 2052        | 2079         | rBV      | 123022         | 217914        | 75.39%          | 8.981%        |
| 13        | 8.171       | 2130          | 2140        | 2156         | rBV      | 18365          | 31660         | 10.95%          | 1.305%        |
| 14        | 8.621       | 2270          | 2280        | 2310         | rBV      | 149953         | 289038        | 100.00%         | 11.912%       |
| 15        | 9.406       | 2514          | 2524        | 2544         | rBV      | 149976         | 255658        | 88.45%          | 10.537%       |
| 16        | 10.746      | 2930          | 2941        | 2960         | rBV      | 53219          | 86858         | 30.05%          | 3.580%        |
| 17        | 11.804      | 3258          | 3270        | 3292         | rBV      | 124992         | 205553        | 71.12%          | 8.472%        |
| 18        | 12.184      | 3377          | 3388        | 3416         | rBV      | 103782         | 176865        | 61.19%          | 7.289%        |

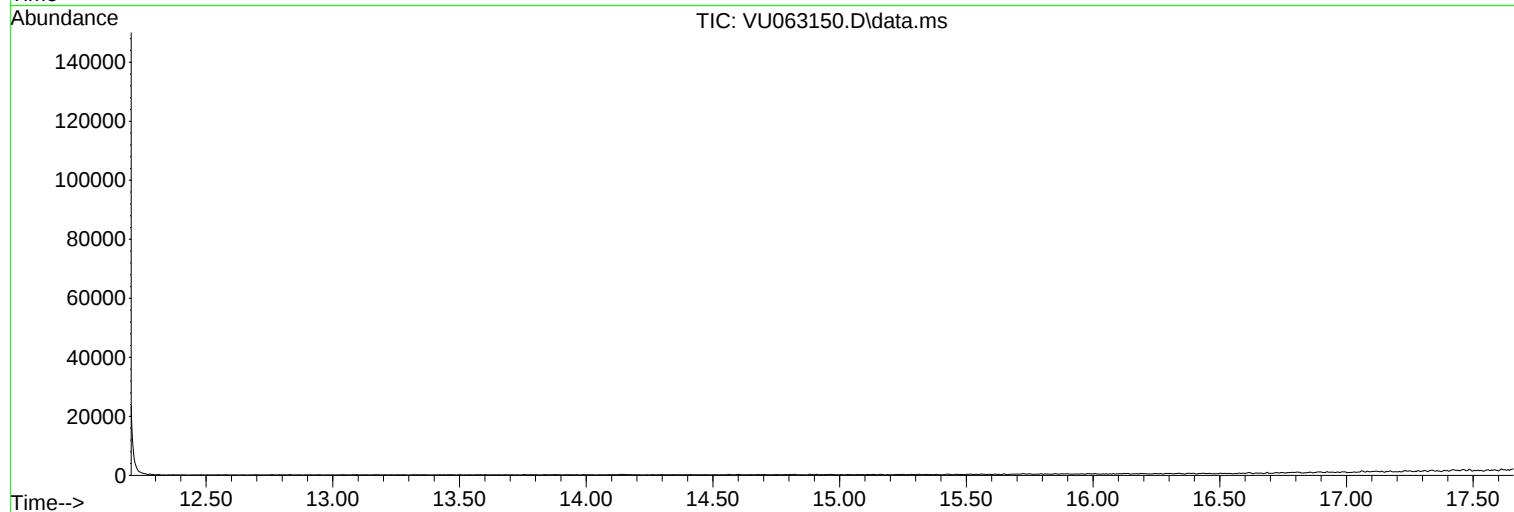
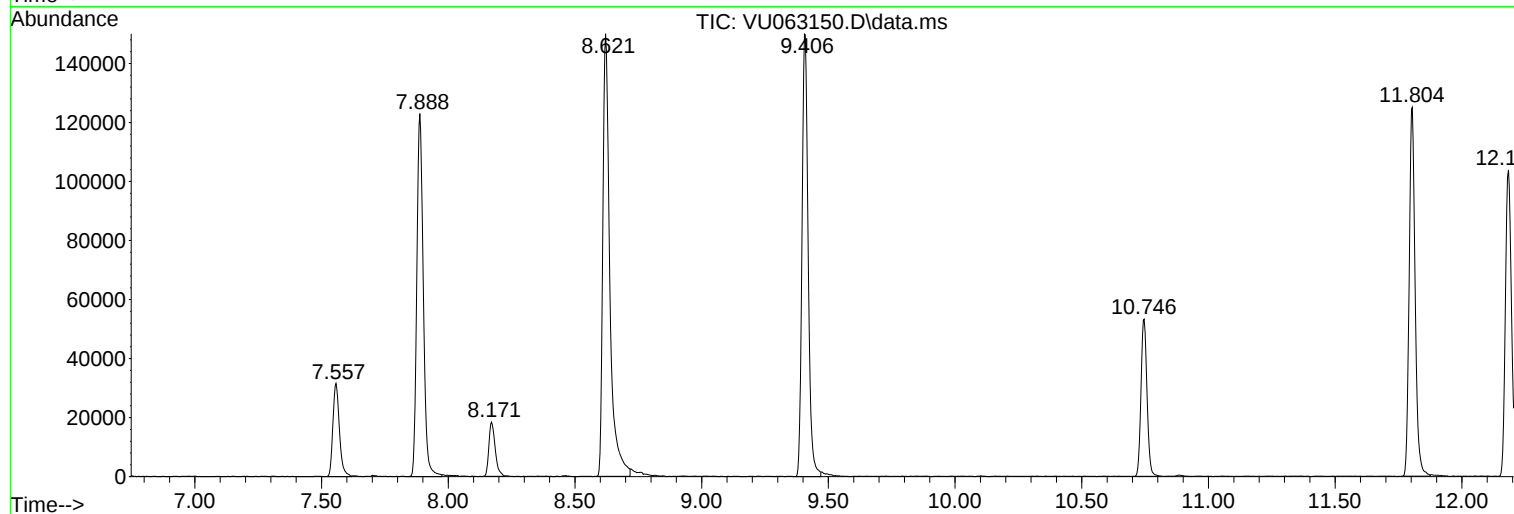
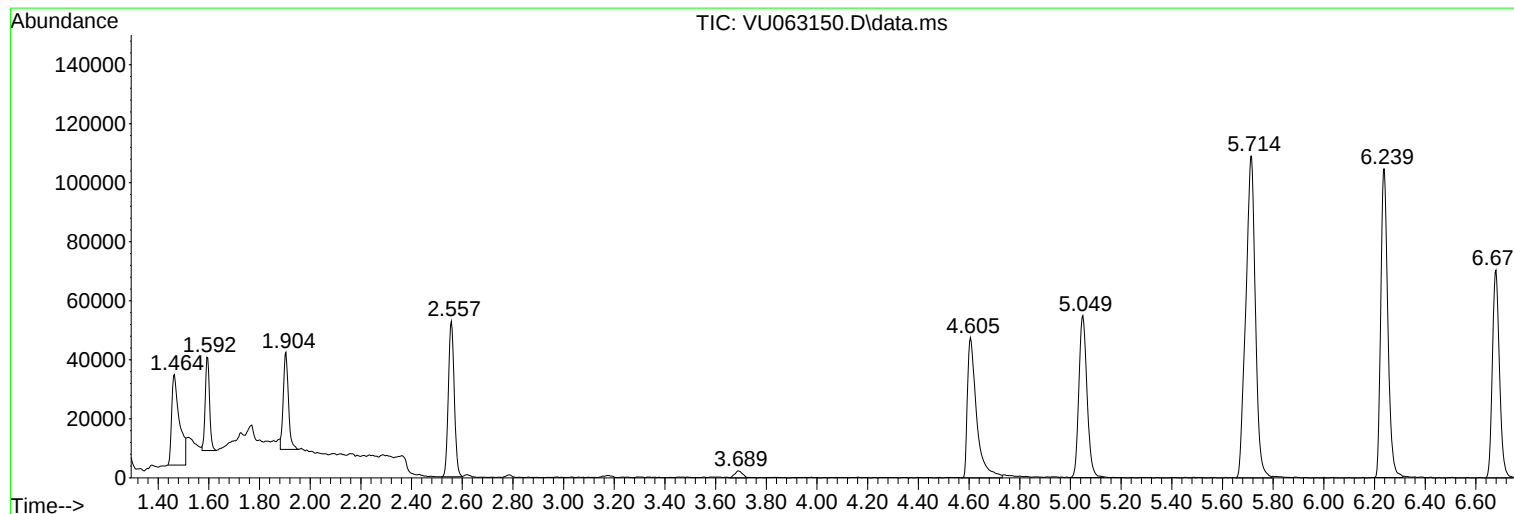
Sum of corrected areas: 2426352

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR020425WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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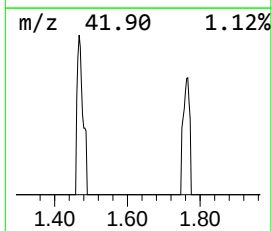
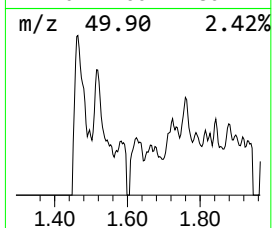
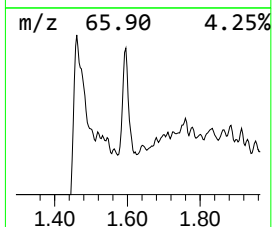
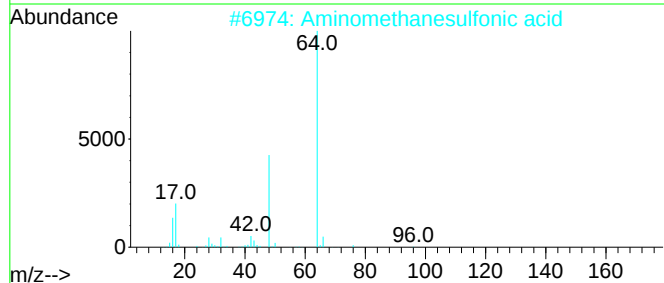
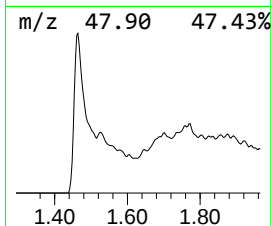
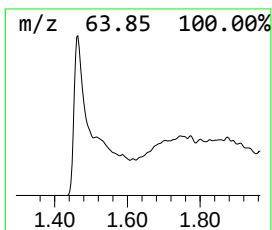
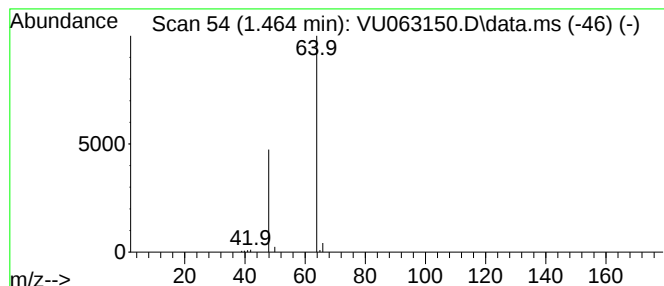
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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.464 | 1.62 ug/L | 65979 | 1,4-Difluorobenzene | 6.239 |

| 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 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 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   | 1.464 | 1.6     | ug/L  | 65979    | 1                     | 6.239 | 203301 | 5.0  |