

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011625\  
 Data File : VU062839.D  
 Acq On : 16 Jan 2025 23:28  
 Operator : MD/SY  
 Sample : Q1071-03DL 10X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ69DL

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\SFAMUTR010225WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU062839.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         | 1.457       | 44            | 52          | 75           | rBV      | 54512          | 94505         | 33.12%          | 3.533%        |
| 2         | 1.596       | 88            | 95          | 106          | rVB      | 20935          | 25484         | 8.93%           | 0.953%        |
| 3         | 1.772       | 143           | 150         | 155          | rVB5     | 2578           | 3710          | 1.30%           | 0.139%        |
| 4         | 1.904       | 183           | 191         | 203          | rVB      | 18828          | 23743         | 8.32%           | 0.888%        |
| 5         | 2.557       | 383           | 394         | 407          | rBV2     | 41102          | 68585         | 24.03%          | 2.564%        |
| 6         | 2.618       | 407           | 413         | 427          | rVB2     | 2856           | 4702          | 1.65%           | 0.176%        |
| 7         | 2.743       | 442           | 452         | 473          | rBV      | 19564          | 40150         | 14.07%          | 1.501%        |
| 8         | 3.174       | 571           | 586         | 607          | rBB2     | 19943          | 46126         | 16.16%          | 1.725%        |
| 9         | 3.341       | 628           | 638         | 654          | rBB4     | 7781           | 15564         | 5.45%           | 0.582%        |
| 10        | 3.859       | 786           | 799         | 800          | rBV3     | 4716           | 7452          | 2.61%           | 0.279%        |
| 11        | 4.605       | 1021          | 1031        | 1035         | rBV      | 45484          | 75691         | 26.52%          | 2.830%        |
| 12        | 4.653       | 1037          | 1046        | 1075         | rVB      | 120551         | 285371        | 100.00%         | 10.669%       |
| 13        | 4.804       | 1086          | 1093        | 1110         | rVB3     | 4405           | 9300          | 3.26%           | 0.348%        |
| 14        | 5.049       | 1155          | 1169        | 1191         | rBV      | 52631          | 116442        | 40.80%          | 4.353%        |
| 15        | 5.711       | 1357          | 1375        | 1402         | rBV2     | 83451          | 227824        | 79.83%          | 8.518%        |
| 16        | 6.238       | 1527          | 1539        | 1560         | rBV      | 113235         | 219606        | 76.95%          | 8.210%        |
| 17        | 6.534       | 1624          | 1631        | 1641         | rVB7     | 1776           | 3309          | 1.16%           | 0.124%        |
| 18        | 6.679       | 1664          | 1676        | 1697         | rBV2     | 54475          | 106563        | 37.34%          | 3.984%        |
| 19        | 7.557       | 1939          | 1949        | 1967         | rBV2     | 30336          | 52483         | 18.39%          | 1.962%        |
| 20        | 7.888       | 2041          | 2052        | 2074         | rBV      | 99101          | 175378        | 61.46%          | 6.557%        |
| 21        | 8.171       | 2131          | 2140        | 2160         | rBV2     | 17931          | 31327         | 10.98%          | 1.171%        |
| 22        | 8.621       | 2270          | 2280        | 2317         | rBV      | 130039         | 262786        | 92.09%          | 9.825%        |
| 23        | 9.406       | 2513          | 2524        | 2548         | rBV      | 153259         | 264385        | 92.65%          | 9.885%        |
| 24        | 10.746      | 2930          | 2941        | 2960         | rBV2     | 53481          | 87453         | 30.65%          | 3.270%        |
| 25        | 11.804      | 3258          | 3270        | 3289         | rBV      | 144810         | 244308        | 85.61%          | 9.134%        |
| 26        | 12.184      | 3377          | 3388        | 3409         | rBV      | 104782         | 182453        | 63.94%          | 6.821%        |

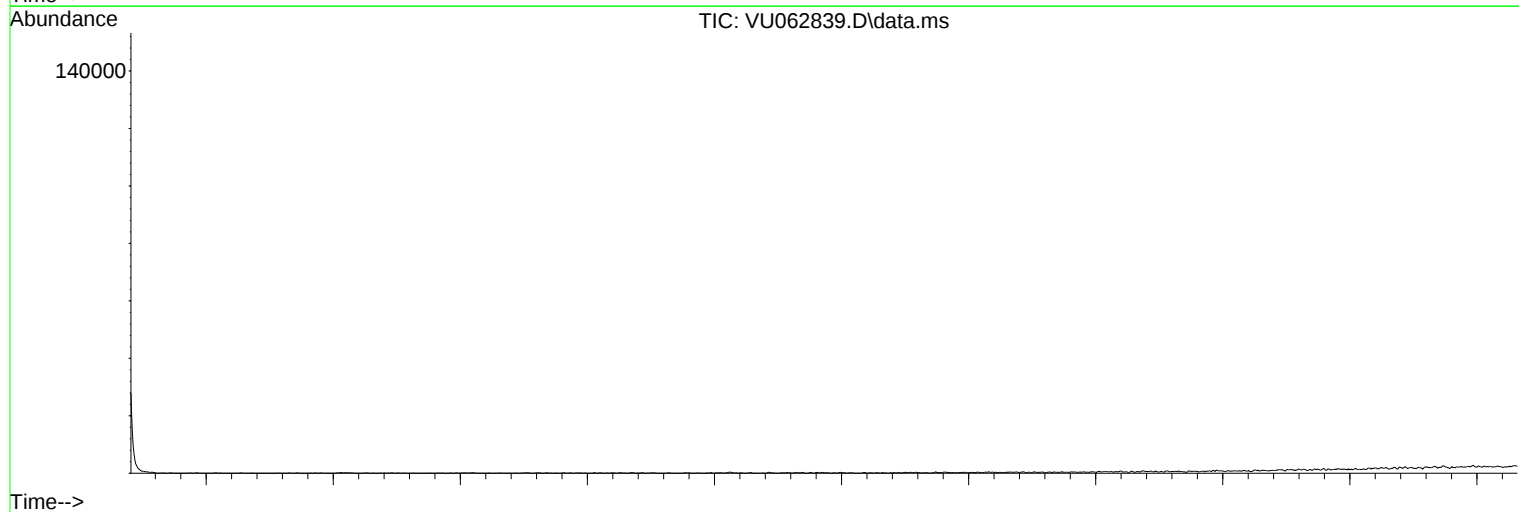
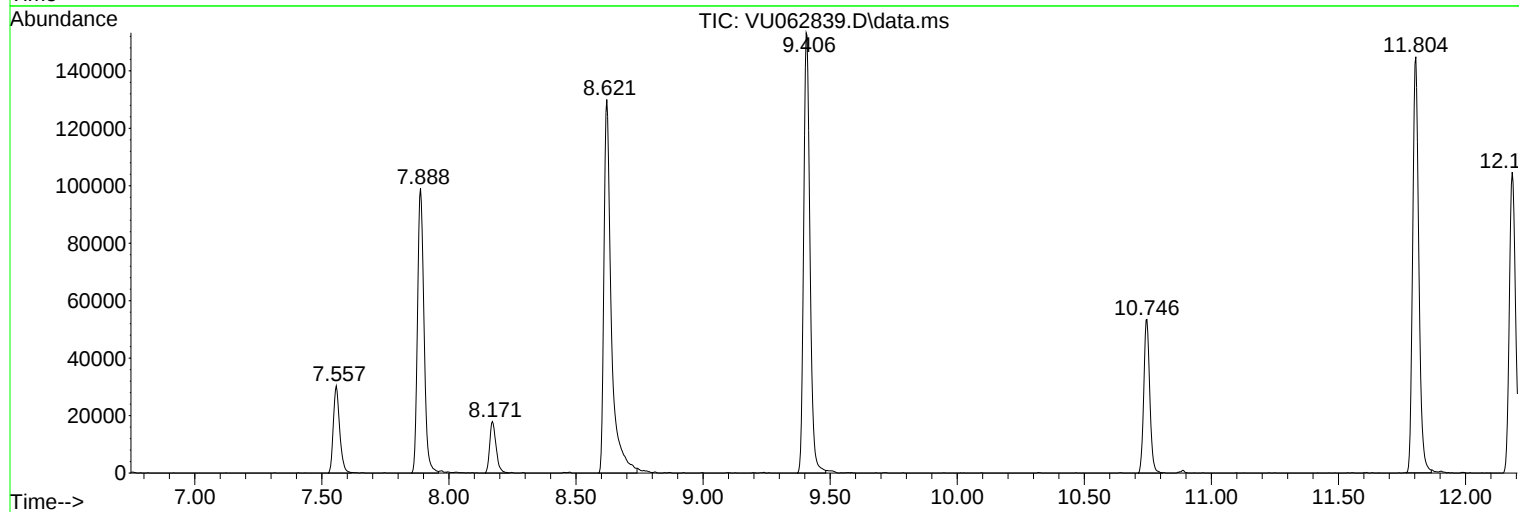
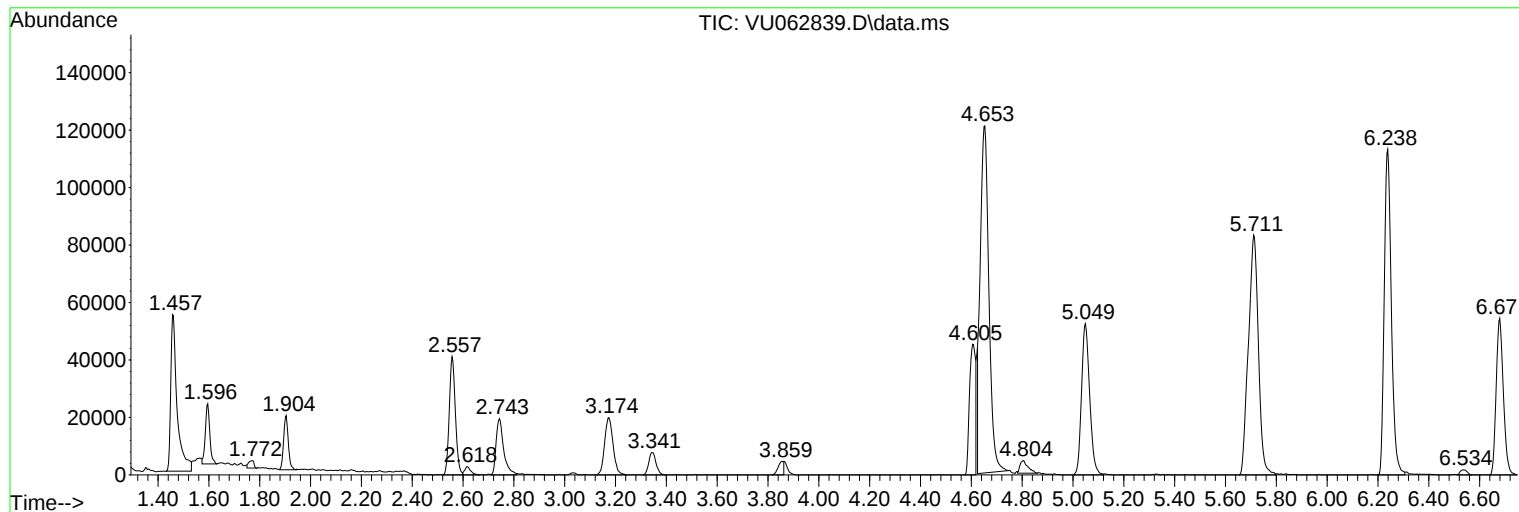
Sum of corrected areas: 2674700

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MSVOA\_U  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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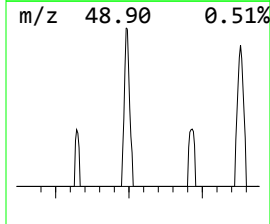
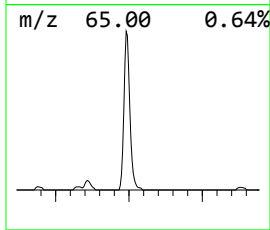
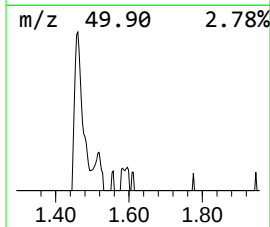
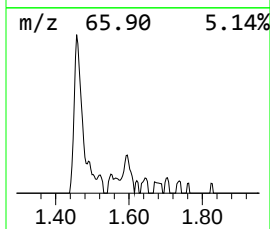
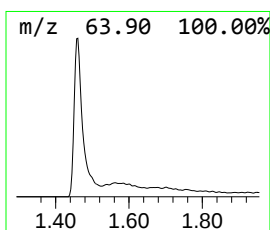
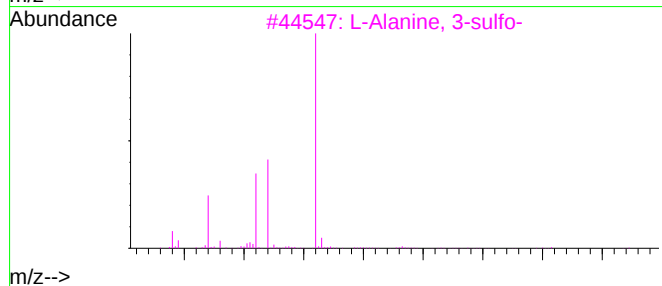
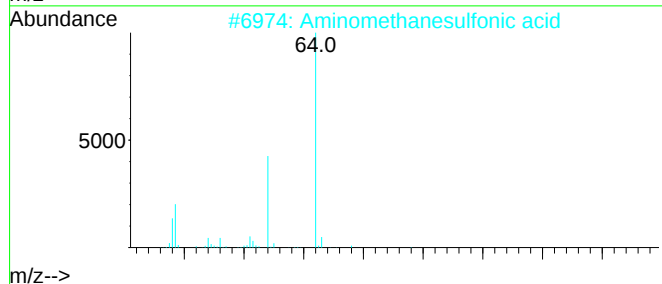
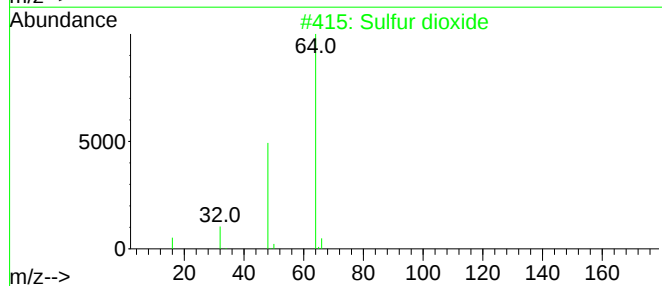
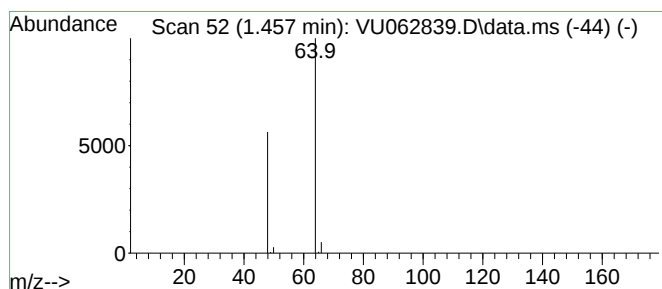
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.457 | 2.15 ug/L | 94505 | 1,4-Difluorobenzene | 6.238 |

| 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 Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.457 | 2.1     | ug/L  | 94505    | 1                     | 6.238 | 219606 | 5.0  |