

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011725\  
 Data File : VU062872.D  
 Acq On : 17 Jan 2025 15:26  
 Operator : MD/SY  
 Sample : Q1071-05DL 10X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCQ71DL

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: VU062872.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         | 1.461       | 45            | 53          | 72           | rBV      | 25779          | 44034         | 15.91%          | 1.593%        |
| 2         | 1.592       | 87            | 94          | 107          | rVB      | 29245          | 33939         | 12.26%          | 1.228%        |
| 3         | 1.901       | 182           | 190         | 206          | rVB      | 24714          | 33087         | 11.95%          | 1.197%        |
| 4         | 2.557       | 382           | 394         | 403          | rBV      | 58116          | 94254         | 34.05%          | 3.410%        |
| 5         | 2.612       | 403           | 411         | 435          | rVB      | 66057          | 113204        | 40.89%          | 4.095%        |
| 6         | 2.740       | 441           | 451         | 471          | rBV      | 98313          | 185135        | 66.88%          | 6.697%        |
| 7         | 3.174       | 570           | 586         | 606          | rBB      | 11361          | 26389         | 9.53%           | 0.955%        |
| 8         | 3.859       | 784           | 799         | 815          | rBV3     | 12027          | 27518         | 9.94%           | 0.995%        |
| 9         | 4.608       | 1022          | 1032        | 1066         | rBV      | 38504          | 108039        | 39.03%          | 3.908%        |
| 10        | 5.049       | 1154          | 1169        | 1194         | rBV      | 59302          | 132026        | 47.69%          | 4.776%        |
| 11        | 5.711       | 1357          | 1375        | 1399         | rBV3     | 103667         | 276819        | 100.00%         | 10.014%       |
| 12        | 6.239       | 1527          | 1539        | 1563         | rBV      | 109202         | 209816        | 75.80%          | 7.590%        |
| 13        | 6.679       | 1664          | 1676        | 1693         | rBV2     | 63427          | 125408        | 45.30%          | 4.537%        |
| 14        | 7.557       | 1939          | 1949        | 1966         | rBV2     | 34489          | 61859         | 22.35%          | 2.238%        |
| 15        | 7.888       | 2040          | 2052        | 2073         | rBV      | 131125         | 227087        | 82.03%          | 8.215%        |
| 16        | 8.171       | 2130          | 2140        | 2155         | rBV2     | 21465          | 37191         | 13.44%          | 1.345%        |
| 17        | 8.621       | 2270          | 2280        | 2307         | rBV      | 120951         | 241018        | 87.07%          | 8.719%        |
| 18        | 9.409       | 2513          | 2525        | 2552         | rBV      | 150648         | 258206        | 93.28%          | 9.341%        |
| 19        | 10.746      | 2930          | 2941        | 2960         | rBB      | 53172          | 86217         | 31.15%          | 3.119%        |
| 20        | 11.804      | 3258          | 3270        | 3298         | rBV      | 140030         | 235003        | 84.89%          | 8.502%        |
| 21        | 12.184      | 3377          | 3388        | 3408         | rBV      | 122858         | 208001        | 75.14%          | 7.525%        |

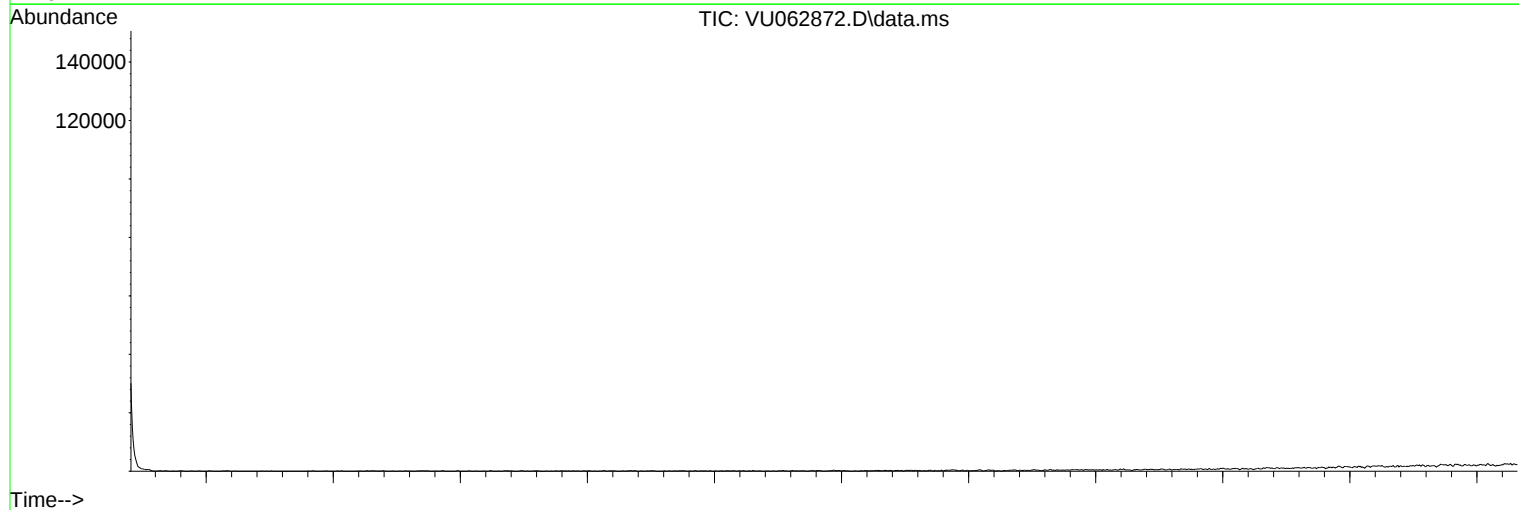
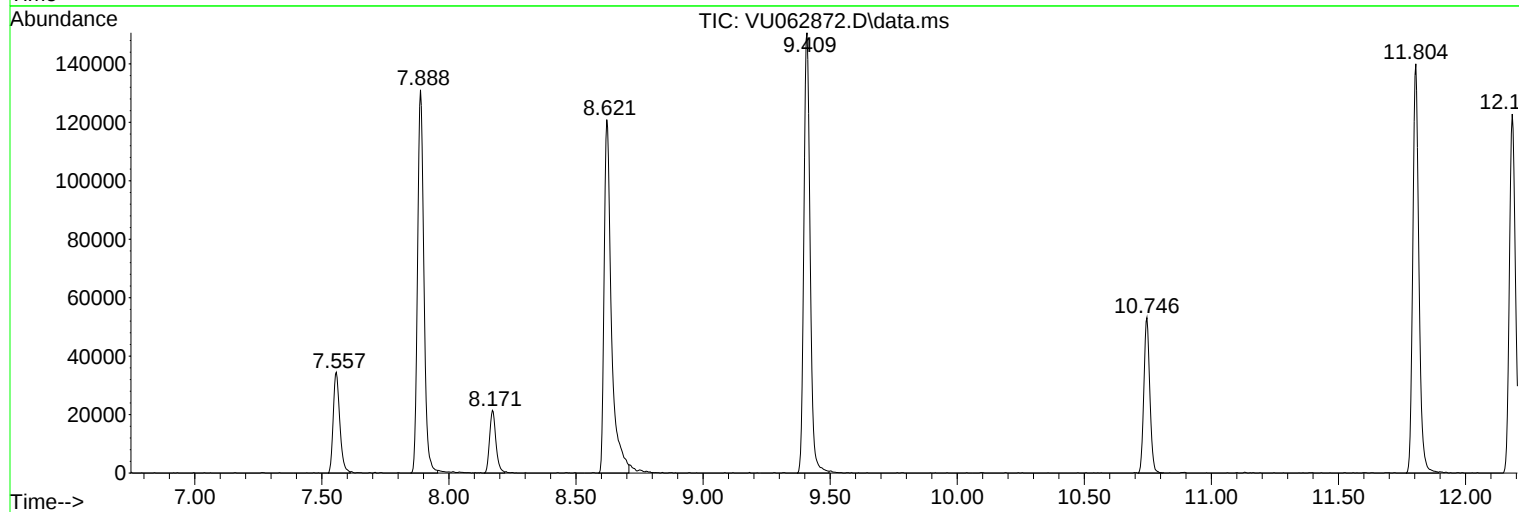
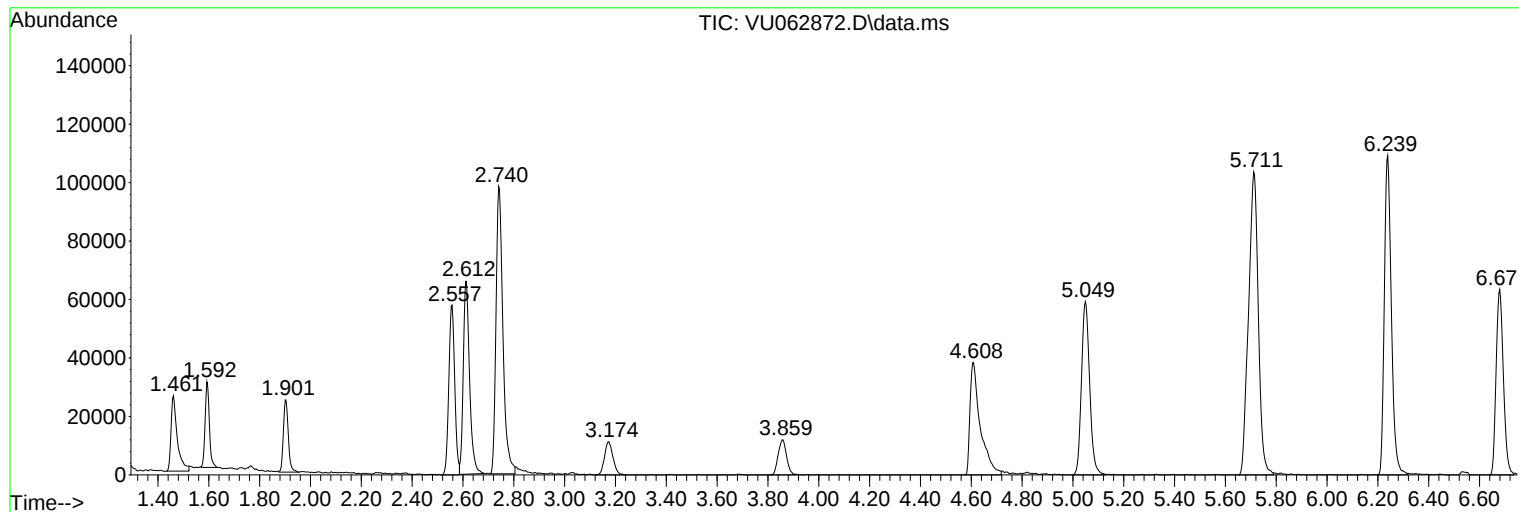
Sum of corrected areas: 2764250

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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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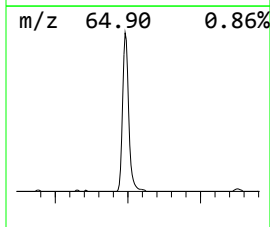
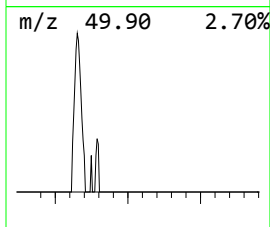
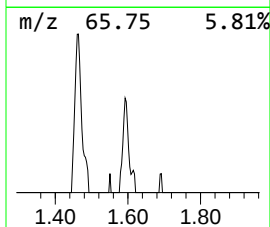
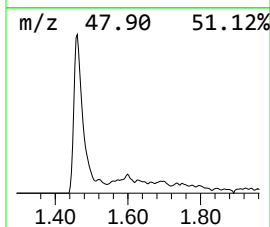
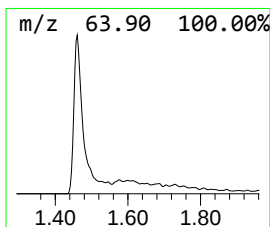
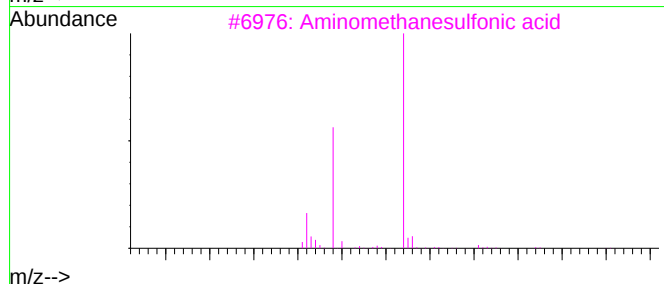
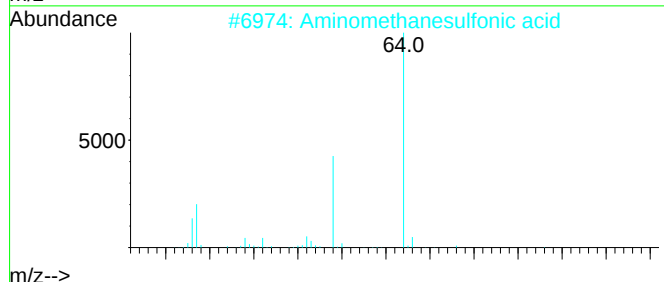
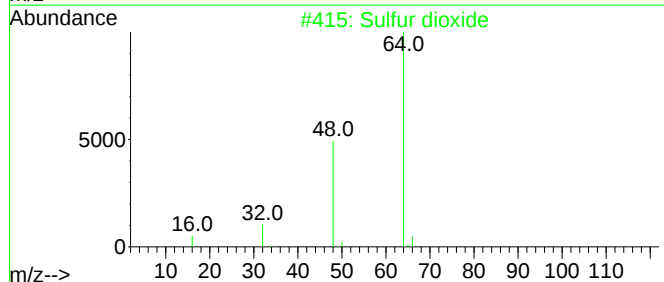
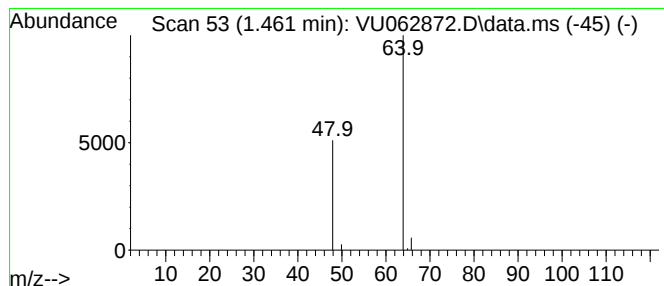
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.461 | 1.05 ug/L | 44034 | 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 | 64   |
| 3         | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 4         | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5         | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 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   | 1.461 | 1.1     | ug/L  | 44034    | 1                     | 6.239 | 209816 | 5.0  |