

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU012725\  
 Data File : VU063047.D  
 Acq On : 28 Jan 2025 04:53  
 Operator : MD/SY  
 Sample : Q1195-12  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E2962

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU063047.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          | 66           | rBV      | 53171          | 92613         | 21.38%          | 2.879%        |
| 2         | 1.592       | 88            | 94          | 104          | rVB      | 30405          | 36125         | 8.34%           | 1.123%        |
| 3         | 1.904       | 184           | 191         | 202          | rVB      | 23976          | 32111         | 7.41%           | 0.998%        |
| 4         | 2.557       | 383           | 394         | 411          | rBV2     | 51238          | 86588         | 19.99%          | 2.692%        |
| 5         | 3.165       | 572           | 583         | 597          | rBV3     | 6073           | 14072         | 3.25%           | 0.437%        |
| 6         | 3.843       | 782           | 794         | 806          | rBB3     | 2068           | 4383          | 1.01%           | 0.136%        |
| 7         | 4.605       | 1022          | 1031        | 1066         | rBV      | 53337          | 135330        | 31.24%          | 4.207%        |
| 8         | 5.049       | 1154          | 1169        | 1191         | rBV2     | 74308          | 168285        | 38.85%          | 5.231%        |
| 9         | 5.711       | 1355          | 1375        | 1399         | rBV3     | 96048          | 263404        | 60.81%          | 8.188%        |
| 10        | 6.235       | 1527          | 1538        | 1565         | rBV      | 165776         | 318207        | 73.46%          | 9.891%        |
| 11        | 6.679       | 1662          | 1676        | 1700         | rBV2     | 83027          | 164026        | 37.87%          | 5.099%        |
| 12        | 7.557       | 1936          | 1949        | 1965         | rBV3     | 35903          | 67954         | 15.69%          | 2.112%        |
| 13        | 7.888       | 2041          | 2052        | 2072         | rBV      | 149620         | 274446        | 63.36%          | 8.531%        |
| 14        | 8.171       | 2131          | 2140        | 2163         | rBB3     | 25638          | 45984         | 10.62%          | 1.429%        |
| 15        | 8.621       | 2270          | 2280        | 2318         | rBV      | 149313         | 317100        | 73.20%          | 9.857%        |
| 16        | 9.409       | 2513          | 2525        | 2545         | rBV      | 210030         | 362028        | 83.58%          | 11.253%       |
| 17        | 10.746      | 2930          | 2941        | 2959         | rBV2     | 73370          | 121244        | 27.99%          | 3.769%        |
| 18        | 11.804      | 3259          | 3270        | 3298         | rBV      | 251526         | 433172        | 100.00%         | 13.465%       |
| 19        | 12.184      | 3376          | 3388        | 3408         | rBV      | 167379         | 279988        | 64.64%          | 8.703%        |

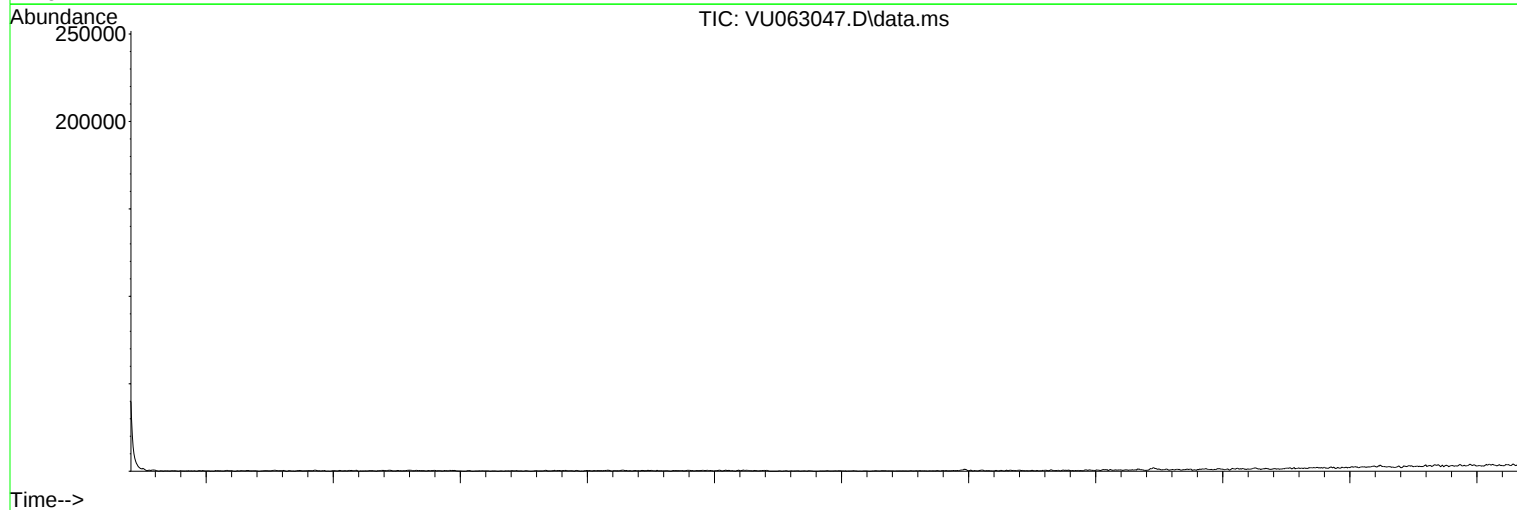
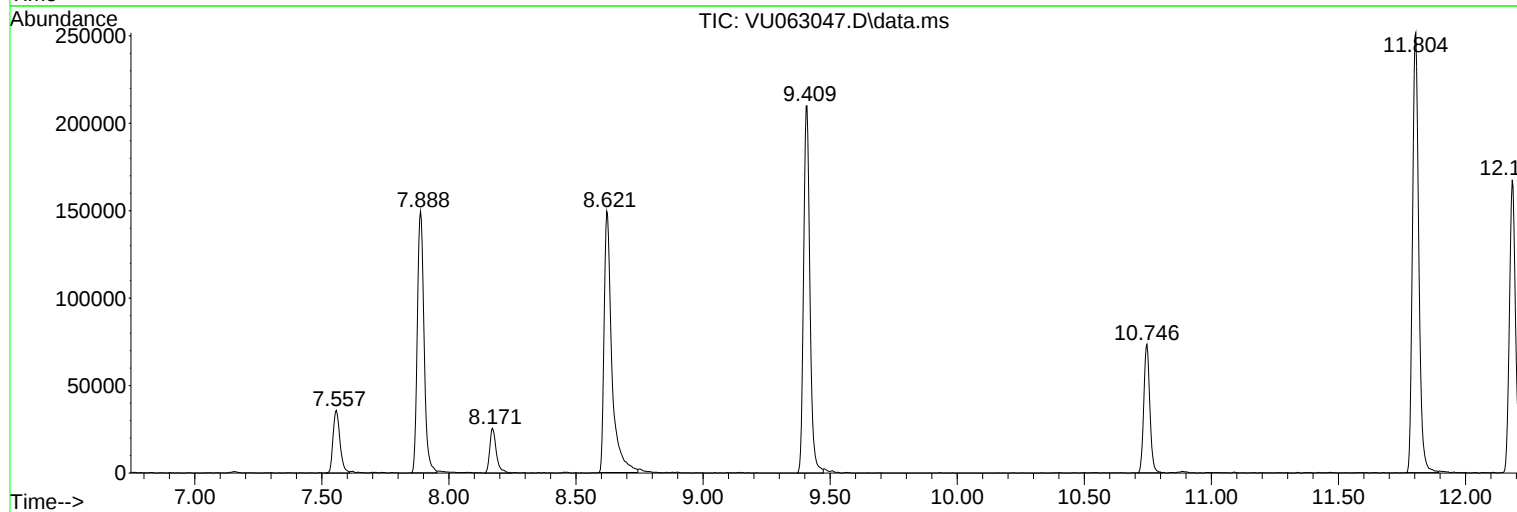
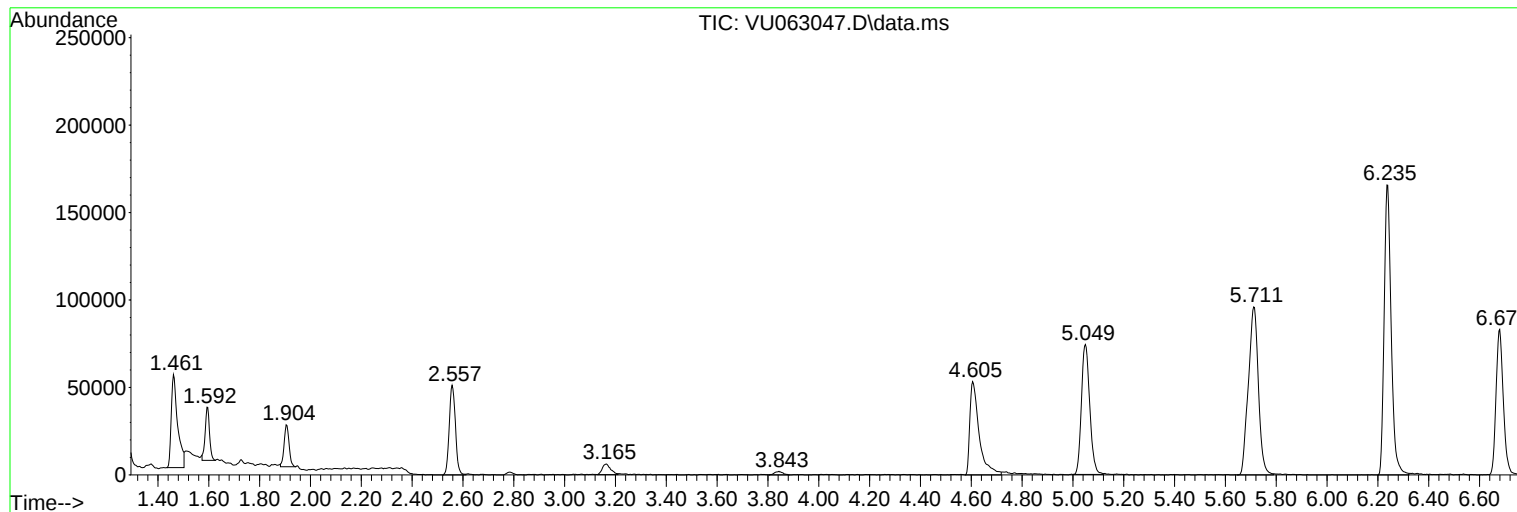
Sum of corrected areas: 3217060

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MSVOA\_U  
ClientSampleId :  
E2962

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR012725WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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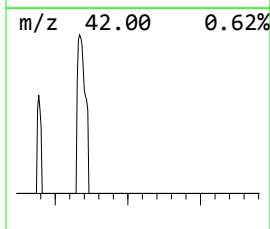
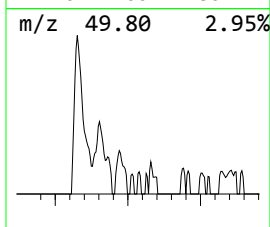
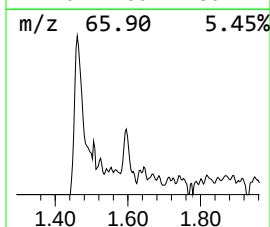
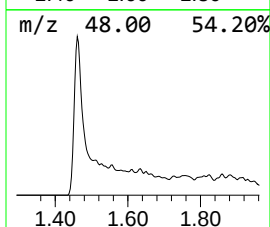
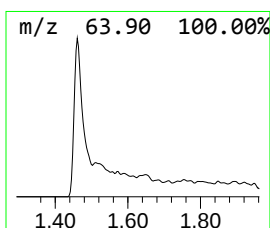
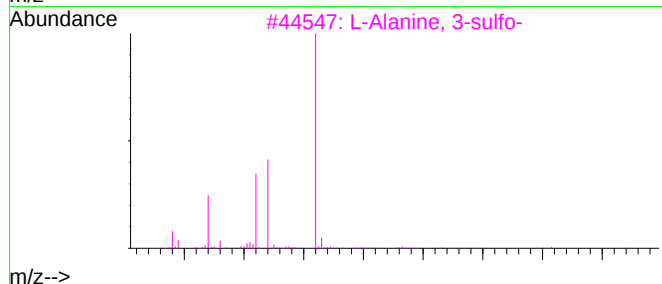
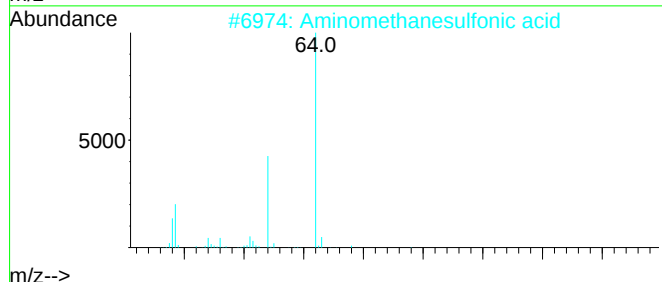
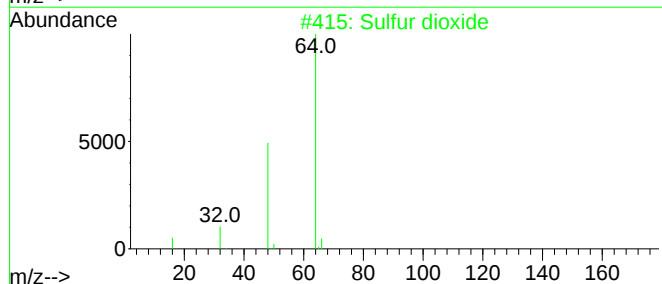
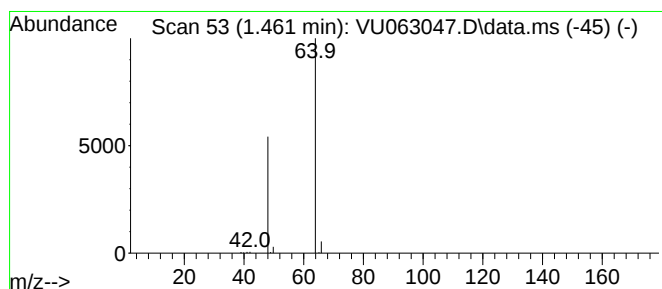
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.461 | 1.46 ug/L | 92613 | 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         | 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 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.461 | 1.5     | ug/L  | 92613    | 1                     | 6.239 | 318207 | 5.0  |