

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU043021\  
 Data File : VU043457.D  
 Acq On : 30 Apr 2021 04:31  
 Operator : SY/MD  
 Sample : M2194-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YARR2

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\SFAMUTR041521WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU043457.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         | 1.501       | 34            | 50          | 72           | rBV      | 220083         | 1155249       | 100.00%         | 29.266%       |
| 2         | 2.575       | 371           | 384         | 397          | rBV      | 63447          | 104899        | 9.08%           | 2.657%        |
| 3         | 4.642       | 1012          | 1027        | 1064         | rBV2     | 63371          | 186424        | 16.14%          | 4.723%        |
| 4         | 5.073       | 1145          | 1161        | 1178         | rBV      | 66973          | 146472        | 12.68%          | 3.711%        |
| 5         | 5.735       | 1346          | 1367        | 1385         | rBV2     | 123041         | 328827        | 28.46%          | 8.330%        |
| 6         | 6.256       | 1514          | 1529        | 1547         | rBV      | 115089         | 217081        | 18.79%          | 5.499%        |
| 7         | 6.700       | 1654          | 1667        | 1683         | rBV2     | 85314          | 164472        | 14.24%          | 4.167%        |
| 8         | 7.571       | 1926          | 1938        | 1954         | rBV      | 35992          | 62644         | 5.42%           | 1.587%        |
| 9         | 7.906       | 2028          | 2042        | 2057         | rBV      | 139020         | 236212        | 20.45%          | 5.984%        |
| 10        | 8.186       | 2118          | 2129        | 2144         | rBV      | 23229          | 37897         | 3.28%           | 0.960%        |
| 11        | 8.642       | 2259          | 2271        | 2311         | rBV2     | 220117         | 442911        | 38.34%          | 11.220%       |
| 12        | 9.423       | 2500          | 2514        | 2529         | rBV      | 173524         | 284316        | 24.61%          | 7.203%        |
| 13        | 10.764      | 2917          | 2931        | 2947         | rBV      | 64846          | 103358        | 8.95%           | 2.618%        |
| 14        | 11.819      | 3243          | 3259        | 3274         | rBV      | 161939         | 250795        | 21.71%          | 6.353%        |
| 15        | 12.198      | 3365          | 3377        | 3393         | rBV      | 139969         | 225808        | 19.55%          | 5.720%        |

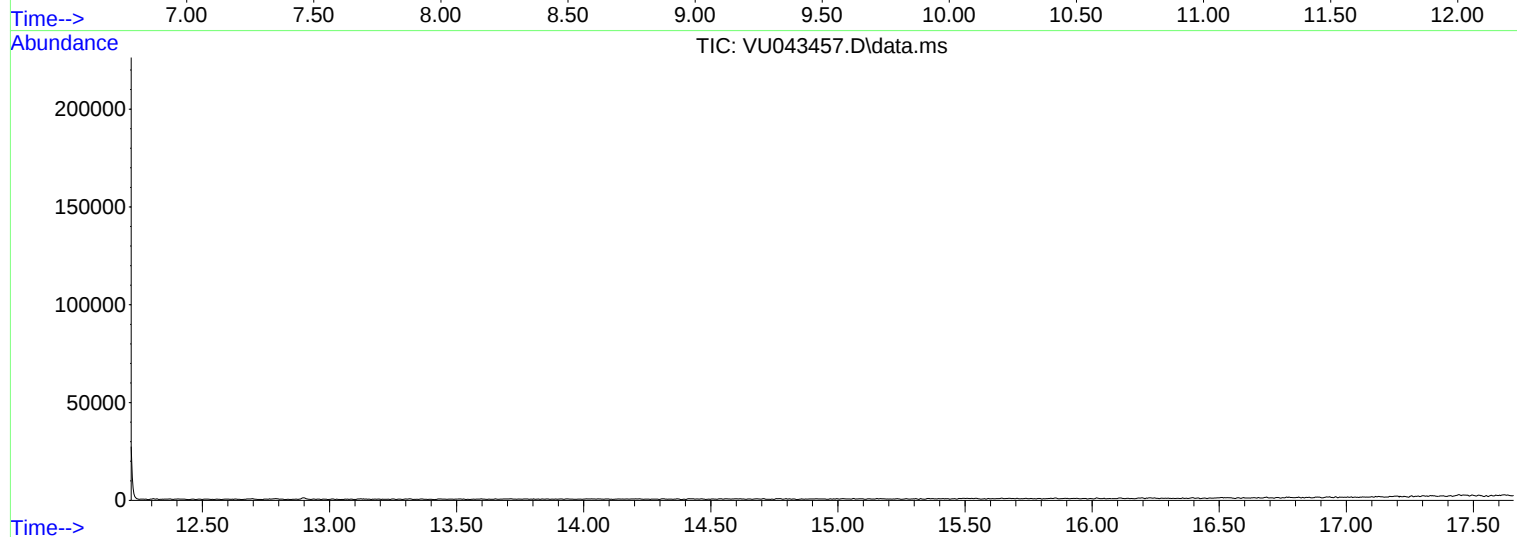
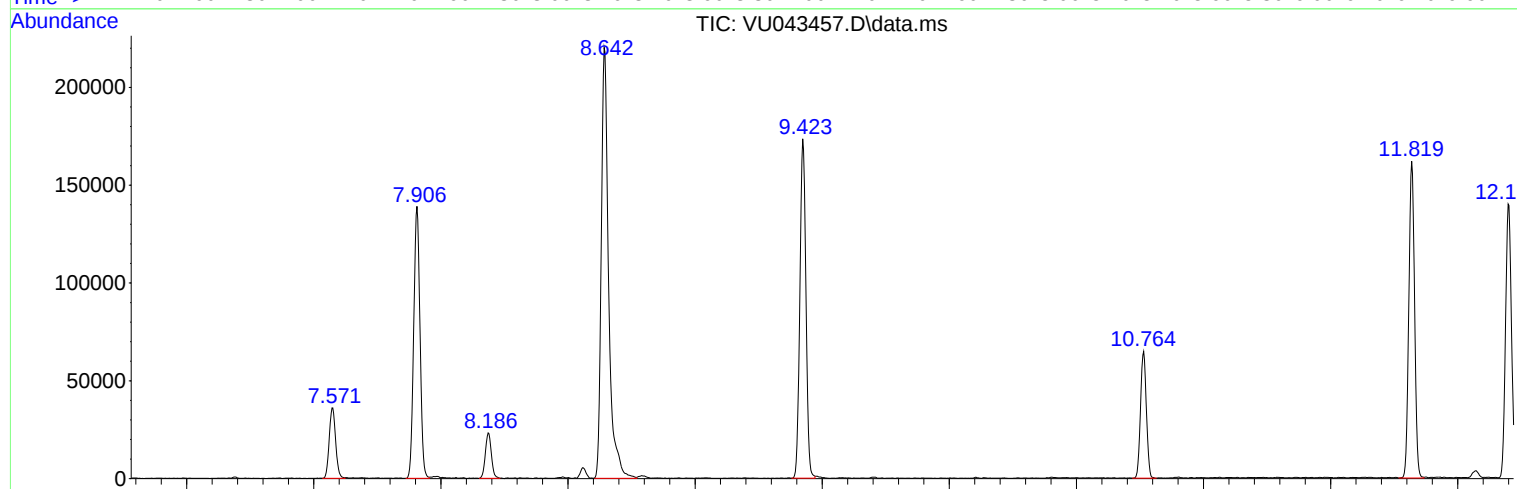
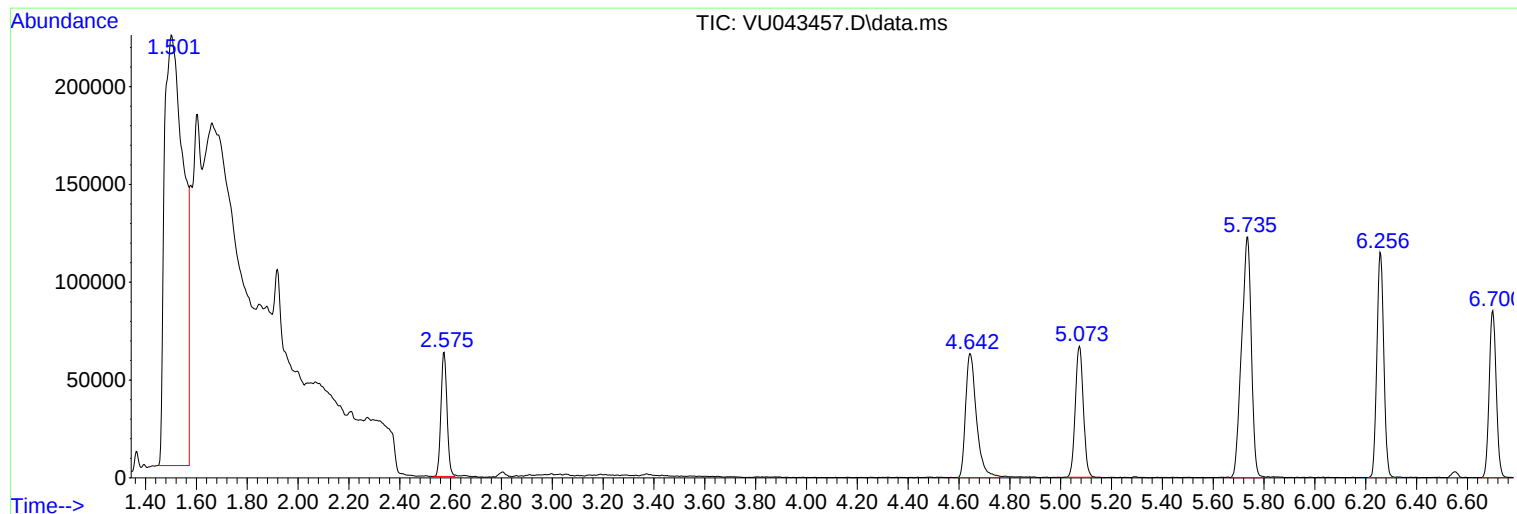
Sum of corrected areas: 3947365

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : TRACE VOA SFAM1.0

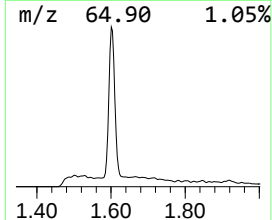
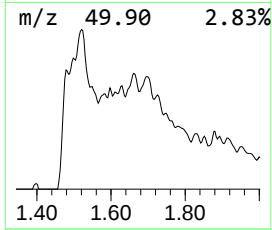
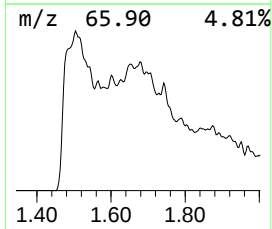
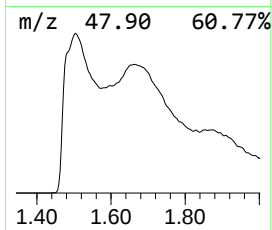
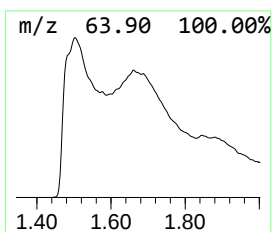
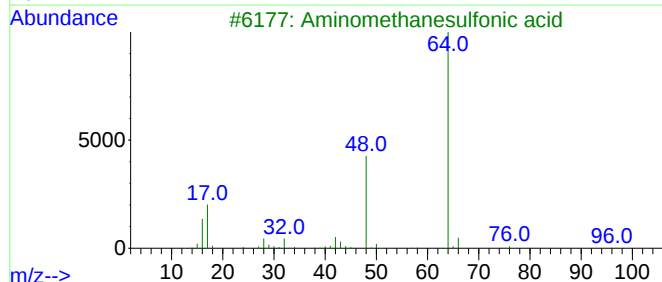
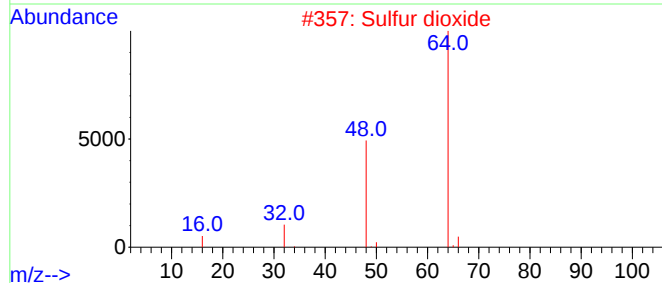
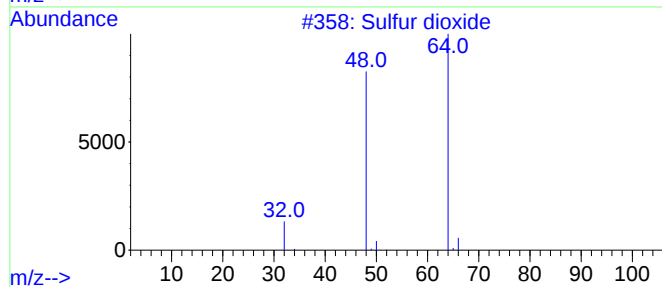
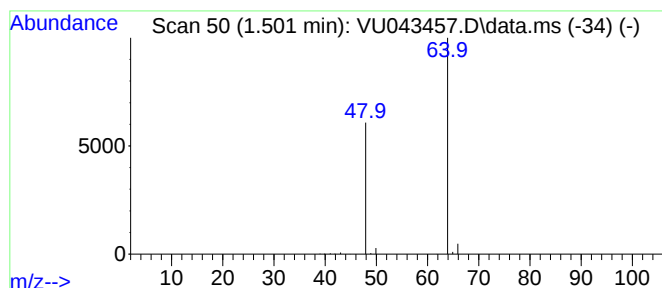
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 1.501 | 26.61 ug/L | 1155250 | 1,4-Difluorobenzene | 6.260 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.501 | 26.6    | ug/L  | 1155250  | 1                     | 6.260 | 217081 | 5.0  |