

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061622\  
 Data File : VU049204.D  
 Acq On : 16 Jun 2022 13:54  
 Operator : SY/MD  
 Sample : N3288-03DL 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGJ98DL

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\SFAMUTR061422WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU049204.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         | 1.517       | 39            | 55          | 62           | rBV      | 22949          | 63550         | 10.83%          | 1.406%        |
| 2         | 1.597       | 74            | 80          | 91           | rBV      | 59174          | 72236         | 12.31%          | 1.599%        |
| 3         | 1.912       | 171           | 178         | 189          | rVB      | 45332          | 58180         | 9.92%           | 1.288%        |
| 4         | 2.568       | 371           | 382         | 402          | rBV2     | 90178          | 160054        | 27.28%          | 3.542%        |
| 5         | 3.047       | 520           | 531         | 543          | rVB3     | 11193          | 20601         | 3.51%           | 0.456%        |
| 6         | 3.874       | 775           | 788         | 800          | rBV3     | 4690           | 10338         | 1.76%           | 0.229%        |
| 7         | 4.639       | 1011          | 1026        | 1064         | rBV2     | 88641          | 319824        | 54.51%          | 7.078%        |
| 8         | 5.067       | 1143          | 1159        | 1183         | rBV2     | 86568          | 190850        | 32.53%          | 4.223%        |
| 9         | 5.726       | 1342          | 1364        | 1390         | rBV2     | 175515         | 460440        | 78.48%          | 10.189%       |
| 10        | 6.250       | 1514          | 1527        | 1548         | rBV      | 160771         | 302386        | 51.54%          | 6.692%        |
| 11        | 6.542       | 1605          | 1618        | 1643         | rBV      | 158353         | 295426        | 50.35%          | 6.538%        |
| 12        | 6.693       | 1648          | 1665        | 1687         | rBV      | 112255         | 225792        | 38.48%          | 4.997%        |
| 13        | 7.568       | 1925          | 1937        | 1955         | rBV      | 59937          | 107554        | 18.33%          | 2.380%        |
| 14        | 7.899       | 2027          | 2040        | 2055         | rBV      | 215525         | 374273        | 63.79%          | 8.283%        |
| 15        | 8.182       | 2116          | 2128        | 2145         | rBV      | 36867          | 63883         | 10.89%          | 1.414%        |
| 16        | 8.636       | 2257          | 2269        | 2298         | rBV2     | 287631         | 586734        | 100.00%         | 12.984%       |
| 17        | 9.417       | 2499          | 2512        | 2529         | rBV      | 212774         | 360445        | 61.43%          | 7.977%        |
| 18        | 10.758      | 2917          | 2929        | 2948         | rBV      | 88087          | 144014        | 24.55%          | 3.187%        |
| 19        | 11.812      | 3245          | 3257        | 3277         | rBV      | 220363         | 358504        | 61.10%          | 7.934%        |
| 20        | 12.192      | 3363          | 3375        | 3393         | rBV      | 208508         | 343750        | 58.59%          | 7.607%        |

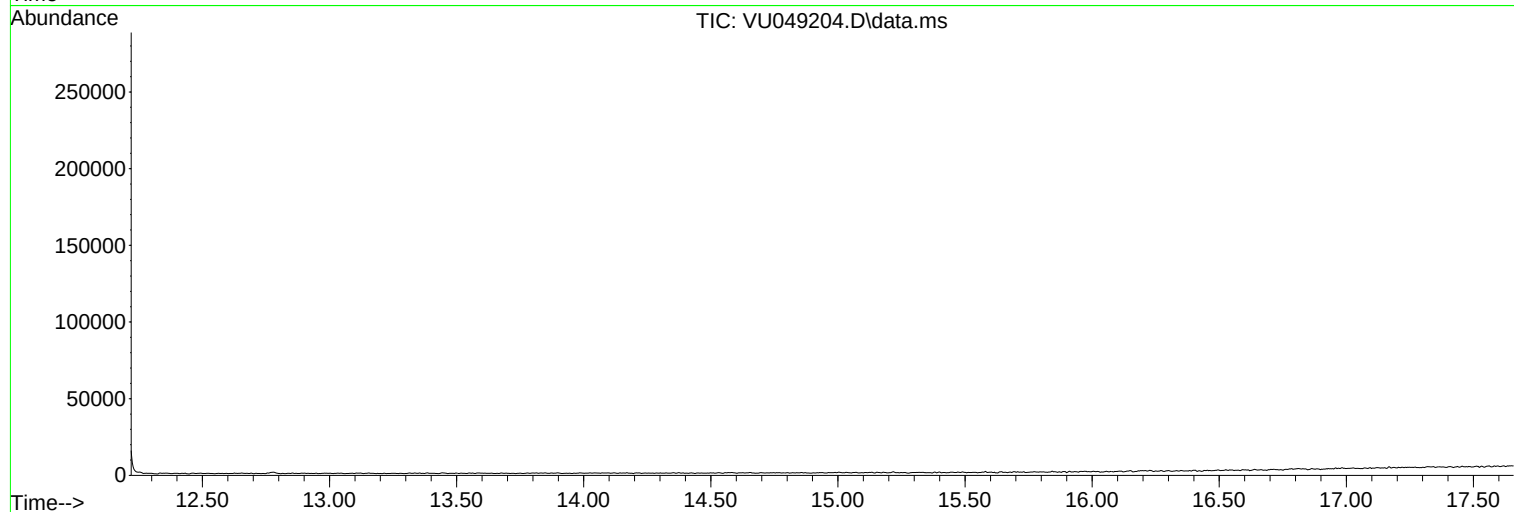
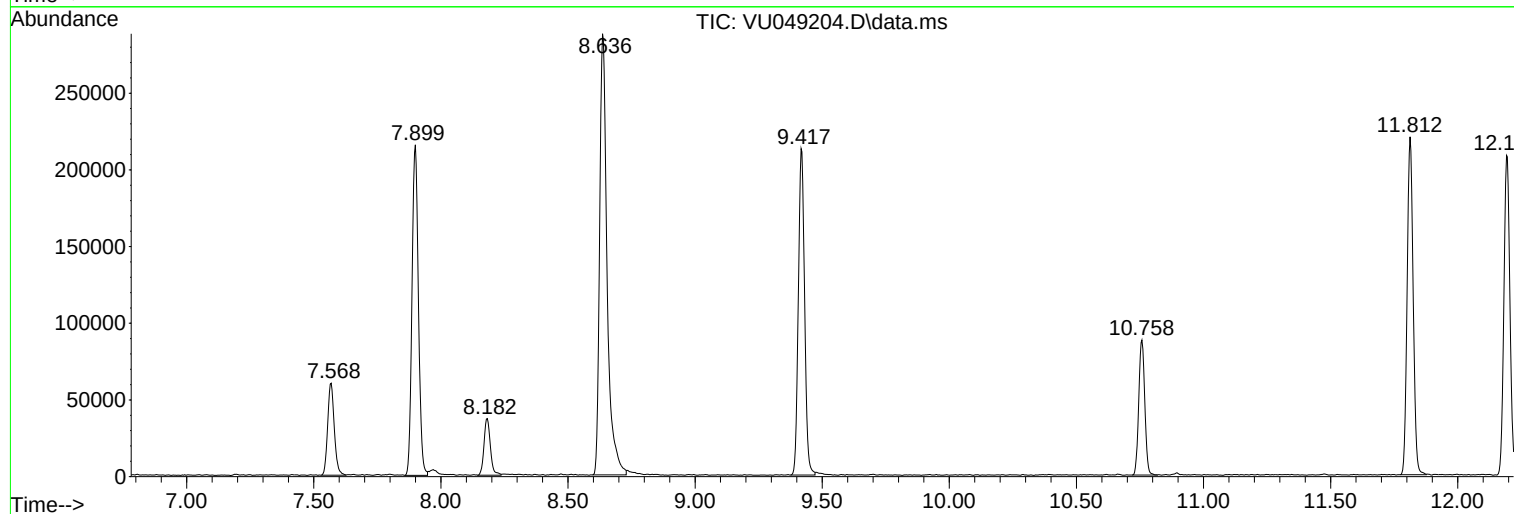
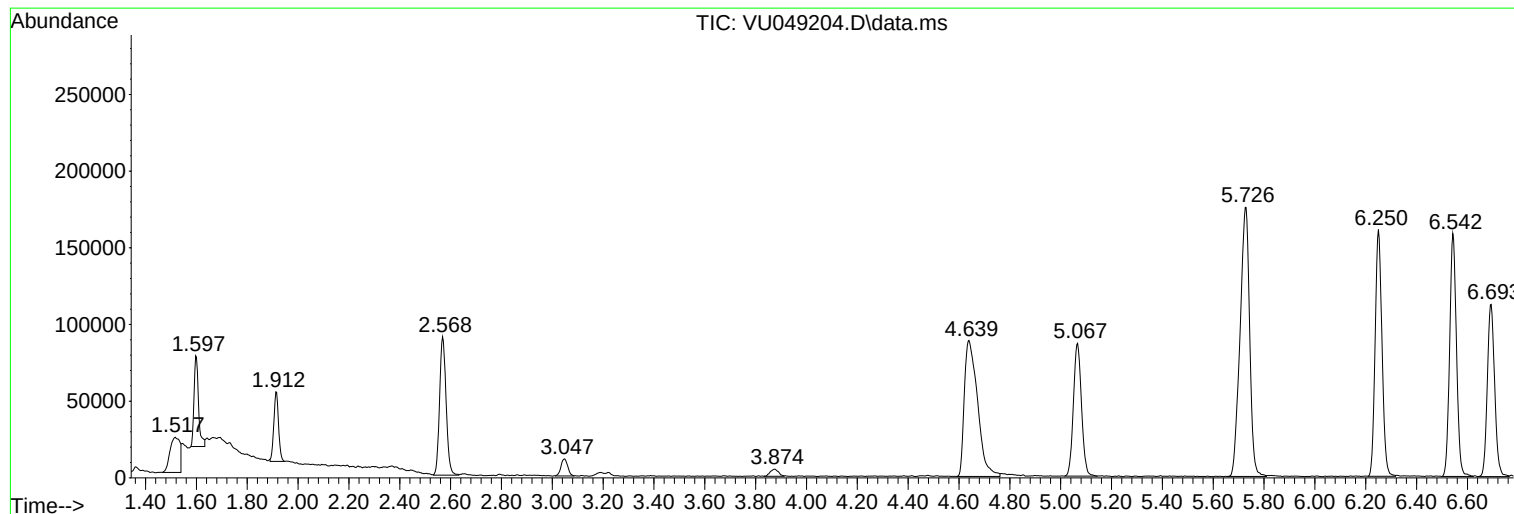
Sum of corrected areas: 4518834

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MSVOA\_U  
ClientSampleId :  
BGJ98DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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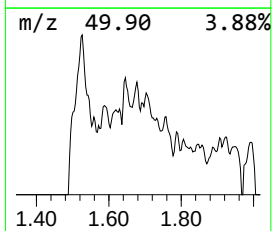
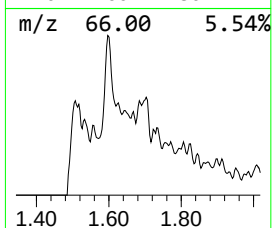
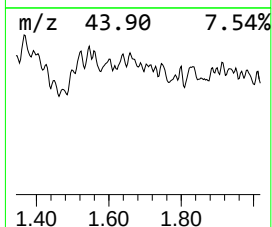
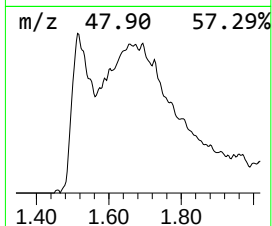
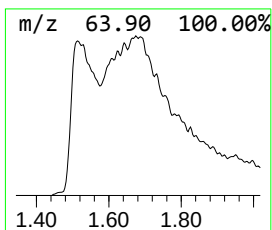
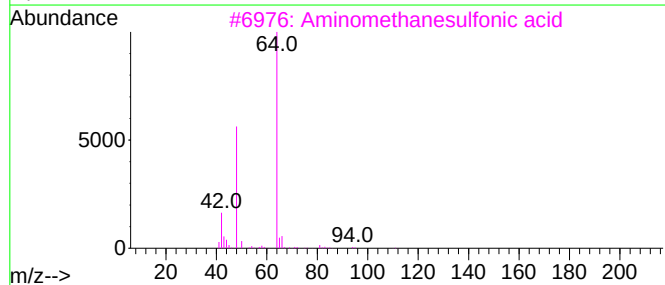
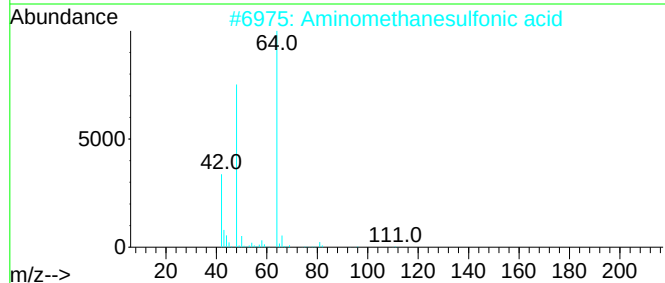
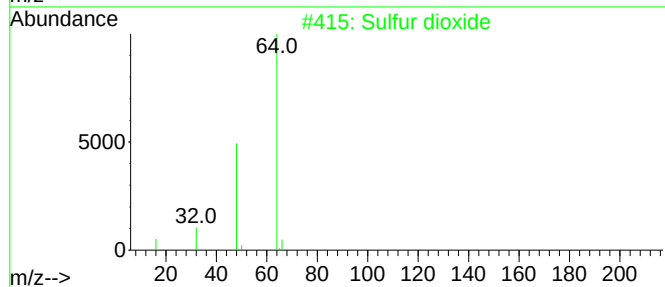
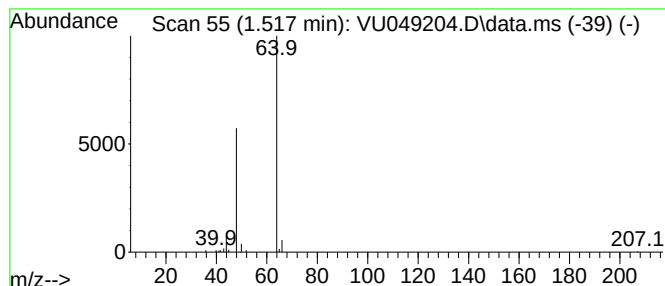
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061422WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.517 | 1.05 ug/L | 63550 | 1,4-Difluorobenzene | 6.250 |

| 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 | 83   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 74   |
| 4    |    |   | Sulfur dioxide            | 64  | O2S     | 007446-09-5 | 74   |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S | 013881-91-9 | 64   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.517 | 1.1     | ug/L  | 63550    | 1                     | 6.250 | 302386 | 5.0  |