

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052337.D  
 Acq On : 10 Dec 2022 05:33  
 Operator : JC/MD  
 Sample : N5930-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZB0

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\SFAMUTR111822WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU052337.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         | 1.475       | 33            | 42          | 73           | rBV      | 309068         | 683574        | 68.57%          | 8.408%        |
| 2         | 1.601       | 74            | 81          | 96           | rVB      | 121086         | 153534        | 15.40%          | 1.888%        |
| 3         | 1.916       | 171           | 179         | 194          | rVB      | 96621          | 129825        | 13.02%          | 1.597%        |
| 4         | 2.568       | 369           | 382         | 397          | rBV      | 180000         | 299357        | 30.03%          | 3.682%        |
| 5         | 3.266       | 580           | 599         | 614          | rVV      | 6245           | 20382         | 2.04%           | 0.251%        |
| 6         | 3.359       | 617           | 628         | 646          | rVB3     | 9957           | 22741         | 2.28%           | 0.280%        |
| 7         | 3.871       | 776           | 787         | 798          | rBV2     | 5453           | 11867         | 1.19%           | 0.146%        |
| 8         | 4.636       | 1011          | 1025        | 1067         | rBV2     | 139881         | 519676        | 52.13%          | 6.392%        |
| 9         | 5.060       | 1141          | 1157        | 1185         | rBV      | 159497         | 379034        | 38.02%          | 4.662%        |
| 10        | 5.314       | 1221          | 1236        | 1248         | rBV4     | 18983          | 42768         | 4.29%           | 0.526%        |
| 11        | 5.723       | 1341          | 1363        | 1384         | rBV2     | 312481         | 825661        | 82.83%          | 10.156%       |
| 12        | 6.247       | 1512          | 1526        | 1558         | rBV      | 269923         | 519750        | 52.14%          | 6.393%        |
| 13        | 6.539       | 1602          | 1617        | 1636         | rBV2     | 53060          | 105566        | 10.59%          | 1.298%        |
| 14        | 6.687       | 1648          | 1663        | 1682         | rBV      | 202303         | 395597        | 39.68%          | 4.866%        |
| 15        | 7.562       | 1922          | 1935        | 1955         | rBV      | 82773          | 150163        | 15.06%          | 1.847%        |
| 16        | 7.896       | 2022          | 2039        | 2059         | rBV      | 342228         | 601650        | 60.36%          | 7.400%        |
| 17        | 8.176       | 2115          | 2126        | 2145         | rBV      | 54180          | 92313         | 9.26%           | 1.135%        |
| 18        | 8.552       | 2232          | 2243        | 2256         | rBV2     | 62334          | 105465        | 10.58%          | 1.297%        |
| 19        | 8.632       | 2256          | 2268        | 2298         | rBV2     | 485340         | 996850        | 100.00%         | 12.261%       |
| 20        | 9.414       | 2497          | 2511        | 2534         | rBV      | 404714         | 673942        | 67.61%          | 8.289%        |
| 21        | 10.751      | 2912          | 2927        | 2945         | rBV      | 182793         | 301849        | 30.28%          | 3.713%        |
| 22        | 11.809      | 3242          | 3256        | 3272         | rBV      | 335406         | 549599        | 55.13%          | 6.760%        |
| 23        | 12.189      | 3361          | 3374        | 3393         | rBV      | 330644         | 549006        | 55.07%          | 6.753%        |

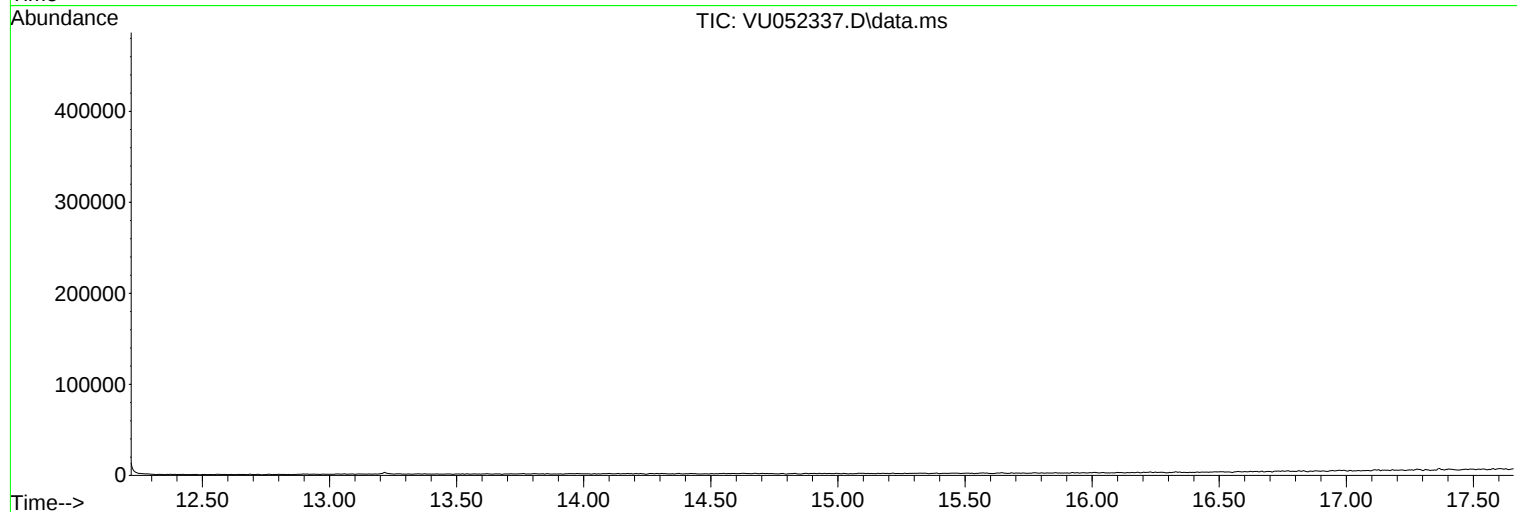
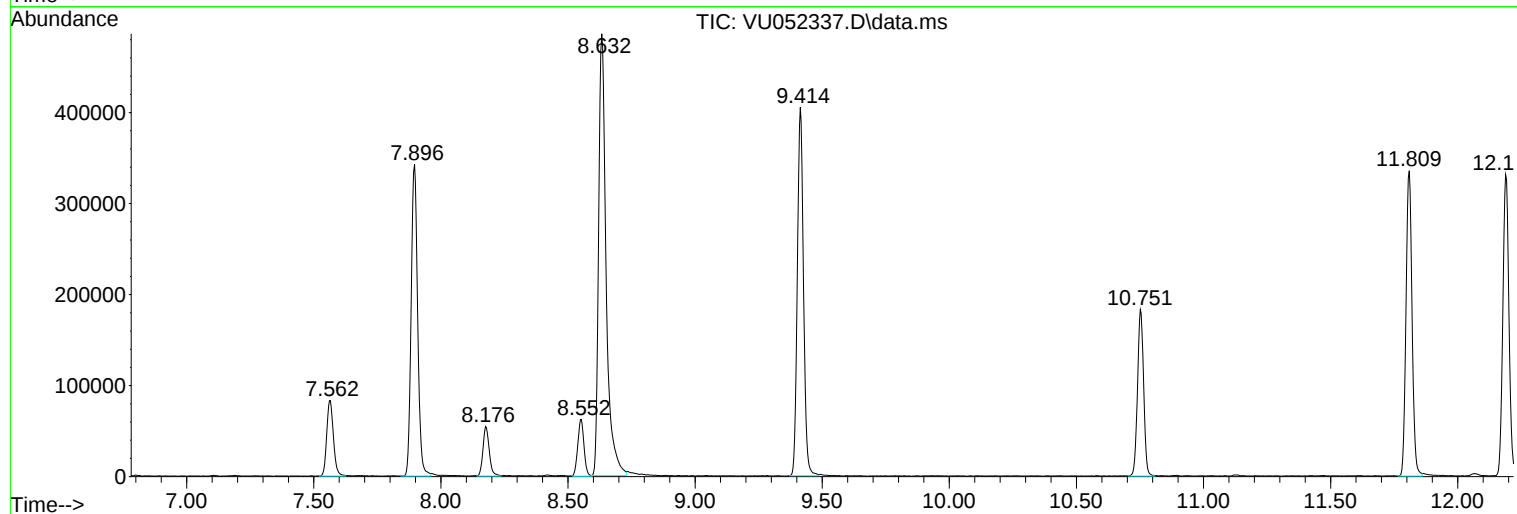
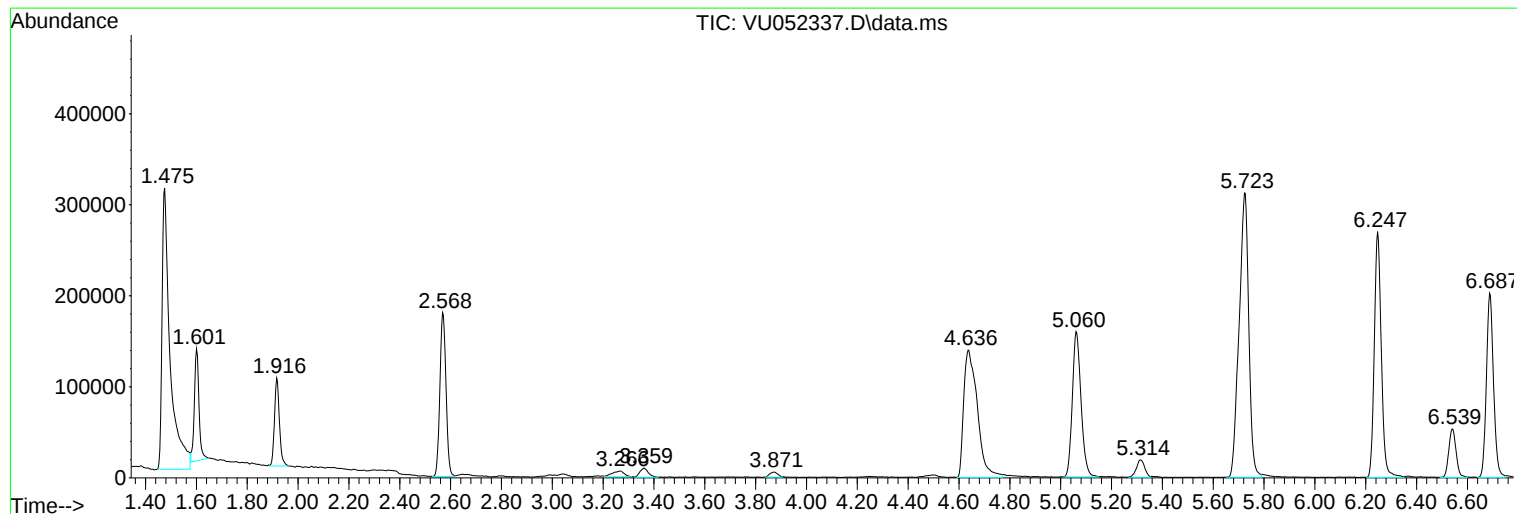
Sum of corrected areas: 8130169

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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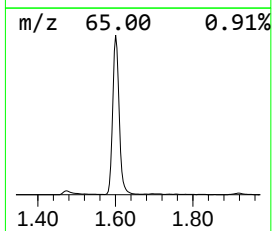
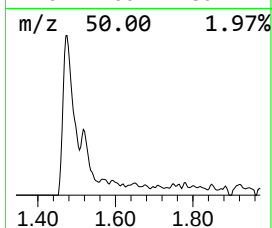
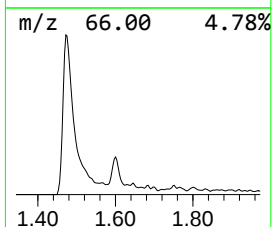
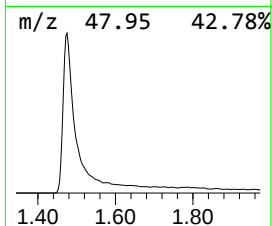
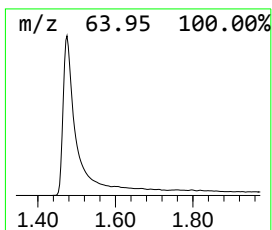
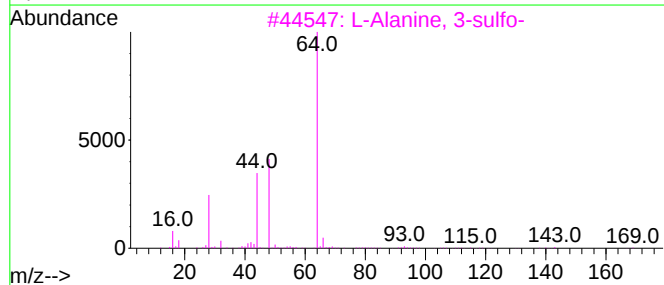
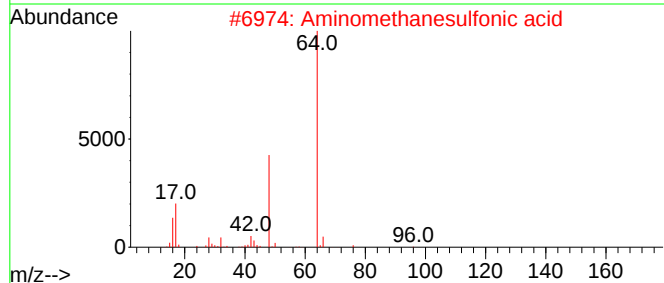
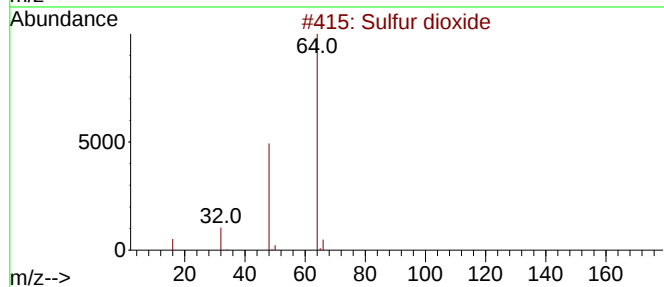
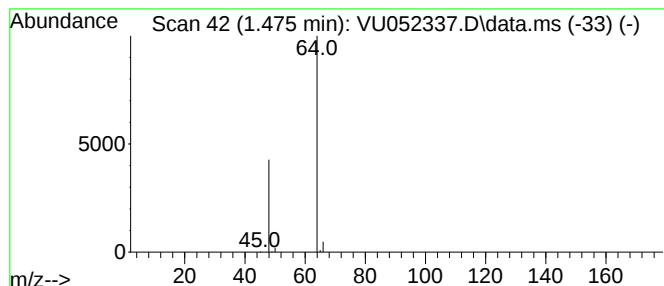
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.475 | 6.58 ug/L | 683574 | 1,4-Difluorobenzene | 6.247 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.475 | 6.6     | ug/L  | 683574   | 1                     | 6.247 | 519750 | 5.0  |