

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110822\  
 Data File : VU051786.D  
 Acq On : 08 Nov 2022 16:06  
 Operator : JC/MD  
 Sample : N5493-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AC6

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\SFAMUTR102822WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU051786.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          | 54           | rBV      | 33777          | 68992         | 7.81%           | 0.945%        |
| 2         | 1.597       | 73            | 80          | 101          | rVB      | 115062         | 141928        | 16.06%          | 1.944%        |
| 3         | 1.912       | 168           | 178         | 191          | rVB      | 92229          | 121072        | 13.70%          | 1.658%        |
| 4         | 2.565       | 367           | 381         | 395          | rBV2     | 171824         | 293010        | 33.16%          | 4.012%        |
| 5         | 3.366       | 616           | 630         | 643          | rVB5     | 5037           | 10195         | 1.15%           | 0.140%        |
| 6         | 3.861       | 758           | 784         | 800          | rVB2     | 11606          | 46286         | 5.24%           | 0.634%        |
| 7         | 4.620       | 1007          | 1020        | 1029         | rBV      | 139959         | 324658        | 36.74%          | 4.446%        |
| 8         | 5.060       | 1138          | 1157        | 1181         | rBV      | 160105         | 365375        | 41.35%          | 5.003%        |
| 9         | 5.722       | 1343          | 1363        | 1390         | rBV2     | 307999         | 815472        | 92.29%          | 11.167%       |
| 10        | 6.247       | 1510          | 1526        | 1545         | rBV      | 226656         | 439677        | 49.76%          | 6.021%        |
| 11        | 6.539       | 1604          | 1617        | 1646         | rVB      | 124676         | 239267        | 27.08%          | 3.276%        |
| 12        | 6.690       | 1650          | 1664        | 1687         | rBV      | 200496         | 395520        | 44.76%          | 5.416%        |
| 13        | 7.565       | 1923          | 1936        | 1956         | rBV      | 84081          | 150538        | 17.04%          | 2.061%        |
| 14        | 7.896       | 2026          | 2039        | 2059         | rBV      | 336174         | 591828        | 66.98%          | 8.104%        |
| 15        | 8.179       | 2112          | 2127        | 2142         | rBV      | 52492          | 91279         | 10.33%          | 1.250%        |
| 16        | 8.552       | 2230          | 2243        | 2257         | rBV      | 260063         | 443723        | 50.22%          | 6.076%        |
| 17        | 8.632       | 2257          | 2268        | 2296         | rVV2     | 459768         | 883571        | 100.00%         | 12.099%       |
| 18        | 9.417       | 2499          | 2512        | 2532         | rBV      | 347156         | 588578        | 66.61%          | 8.060%        |
| 19        | 10.754      | 2914          | 2928        | 2943         | rBV      | 175818         | 285789        | 32.34%          | 3.913%        |
| 20        | 11.809      | 3243          | 3256        | 3277         | rBV      | 288770         | 469391        | 53.12%          | 6.428%        |
| 21        | 12.192      | 3358          | 3375        | 3395         | rBV      | 323588         | 536539        | 60.72%          | 7.347%        |

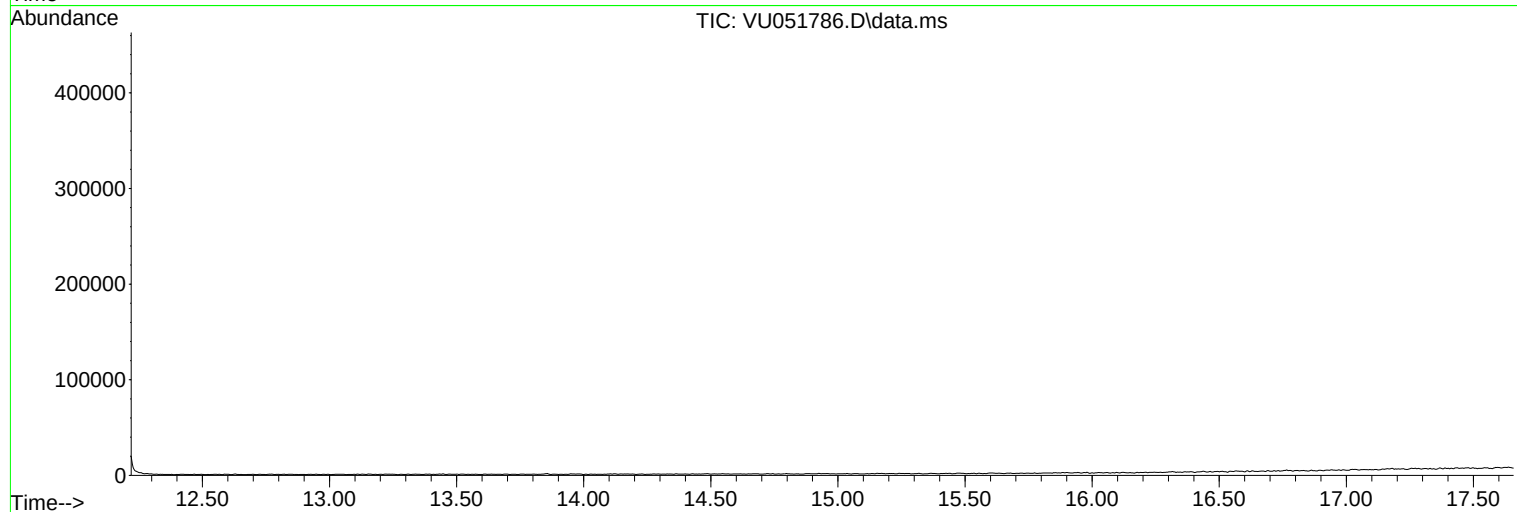
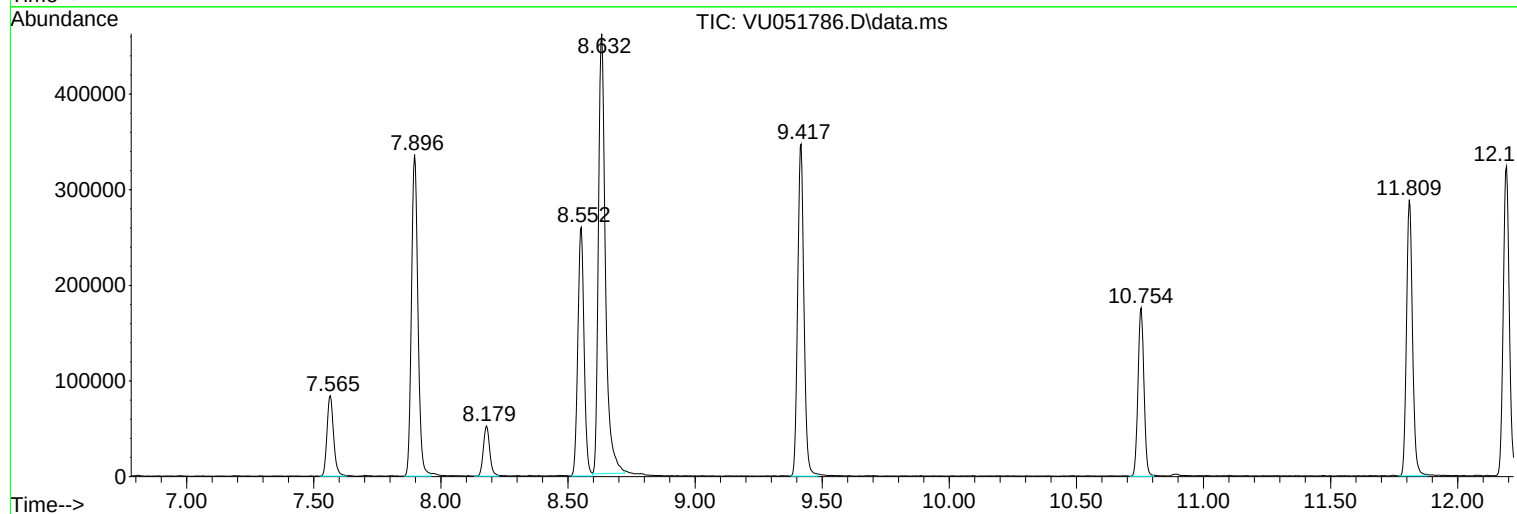
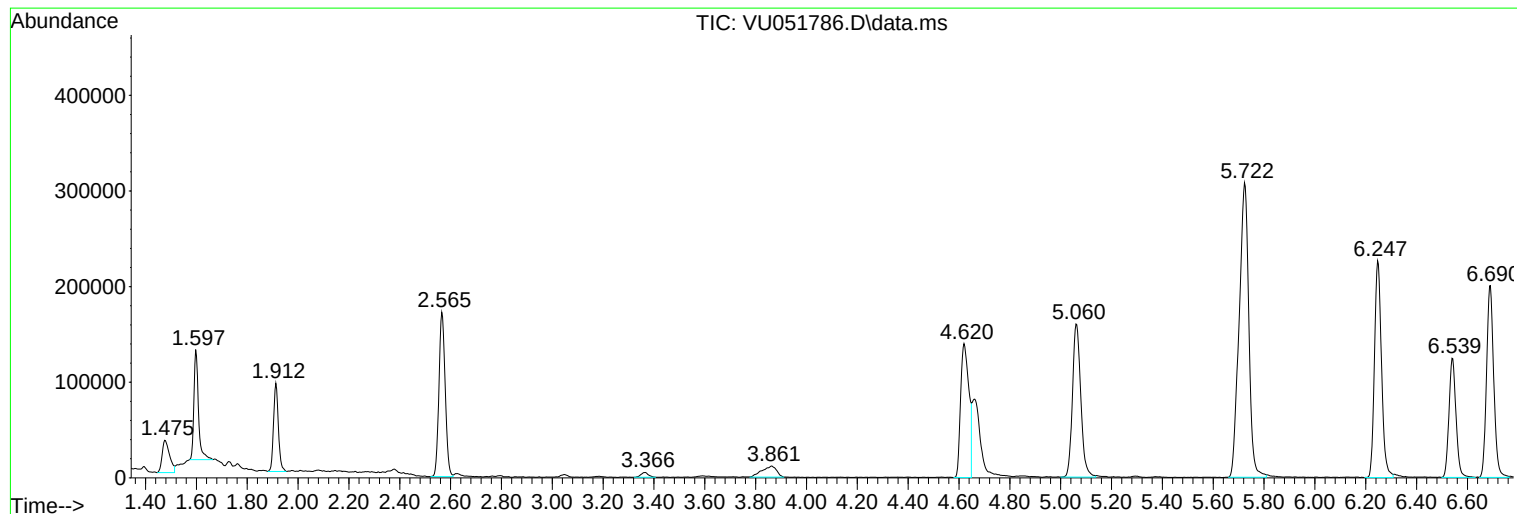
Sum of corrected areas: 7302688

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Instrument :  
MSVOA\_U  
ClientSampleId :  
H0AC6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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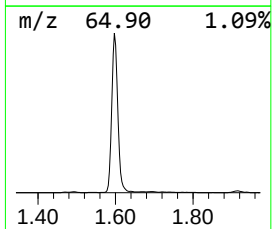
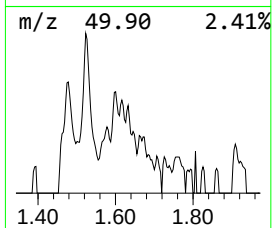
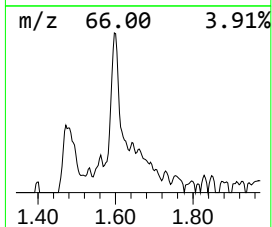
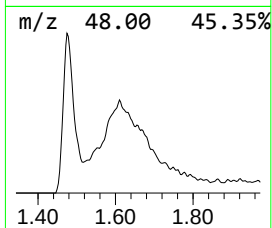
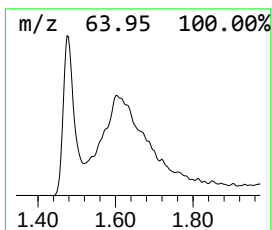
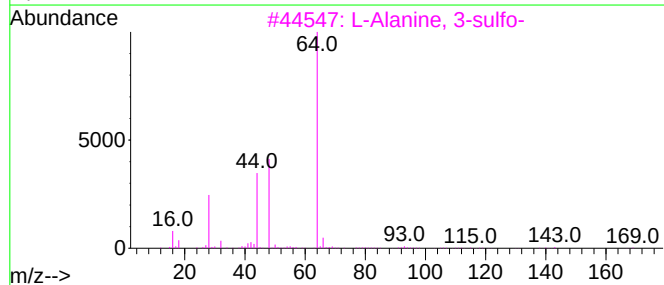
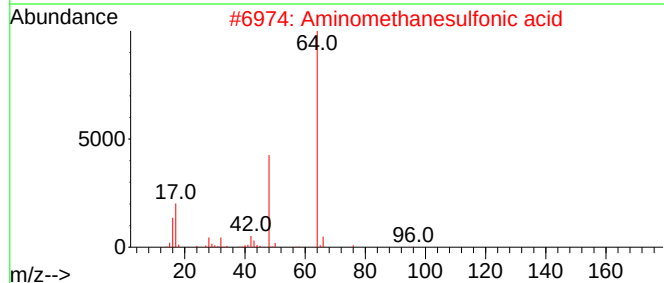
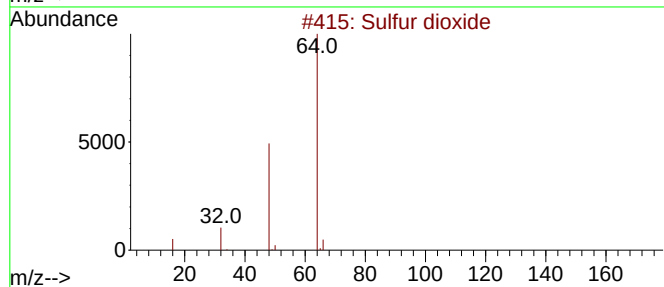
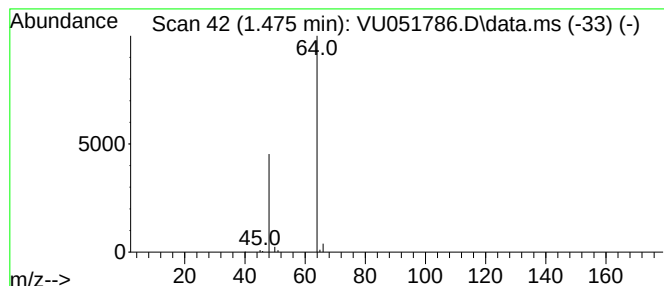
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|-------|---------------------|-------|
| 1.475 | 0.78 ug/L | 68992 | 1,4-Difluorobenzene | 6.247 |

| 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    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.475 | 0.8     | ug/L  | 68992    | 1                     | 6.247 | 439677 | 5.0  |