

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110822\  
 Data File : VU051787.D  
 Acq On : 08 Nov 2022 16:29  
 Operator : JC/MD  
 Sample : N5493-08  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H0AC8

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: VU051787.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       | 32            | 42          | 54           | rBV      | 45422          | 88739         | 10.31%          | 1.640%        |
| 2         | 1.597       | 74            | 80          | 94           | rVB      | 95197          | 113161        | 13.15%          | 2.092%        |
| 3         | 1.913       | 170           | 178         | 192          | rVB      | 76717          | 101433        | 11.79%          | 1.875%        |
| 4         | 2.565       | 367           | 381         | 394          | rBV      | 139504         | 225617        | 26.22%          | 4.170%        |
| 5         | 3.044       | 520           | 530         | 541          | rBV3     | 4788           | 9319          | 1.08%           | 0.172%        |
| 6         | 3.832       | 753           | 775         | 776          | rBV      | 7848           | 14221         | 1.65%           | 0.263%        |
| 7         | 4.620       | 1009          | 1020        | 1053         | rBV      | 132783         | 337054        | 39.17%          | 6.230%        |
| 8         | 5.064       | 1141          | 1158        | 1177         | rBV      | 129308         | 292785        | 34.03%          | 5.412%        |
| 9         | 5.723       | 1341          | 1363        | 1390         | rBV3     | 246172         | 658918        | 76.58%          | 12.179%       |
| 10        | 6.247       | 1513          | 1526        | 1558         | rBV      | 159371         | 313603        | 36.45%          | 5.796%        |
| 11        | 6.690       | 1649          | 1664        | 1685         | rBV      | 159377         | 314171        | 36.51%          | 5.807%        |
| 12        | 7.565       | 1923          | 1936        | 1956         | rBV      | 66535          | 119843        | 13.93%          | 2.215%        |
| 13        | 7.896       | 2026          | 2039        | 2057         | rBV      | 263626         | 463625        | 53.88%          | 8.569%        |
| 14        | 8.179       | 2117          | 2127        | 2146         | rBV      | 44221          | 77439         | 9.00%           | 1.431%        |
| 15        | 8.633       | 2256          | 2268        | 2300         | rBV2     | 431770         | 860414        | 100.00%         | 15.903%       |
| 16        | 9.417       | 2498          | 2512        | 2535         | rBV      | 238656         | 412302        | 47.92%          | 7.621%        |
| 17        | 10.755      | 2916          | 2928        | 2945         | rBV      | 162106         | 260855        | 30.32%          | 4.821%        |
| 18        | 11.809      | 3244          | 3256        | 3272         | rBV      | 193352         | 319534        | 37.14%          | 5.906%        |
| 19        | 12.192      | 3362          | 3375        | 3393         | rBV      | 255681         | 427339        | 49.67%          | 7.899%        |

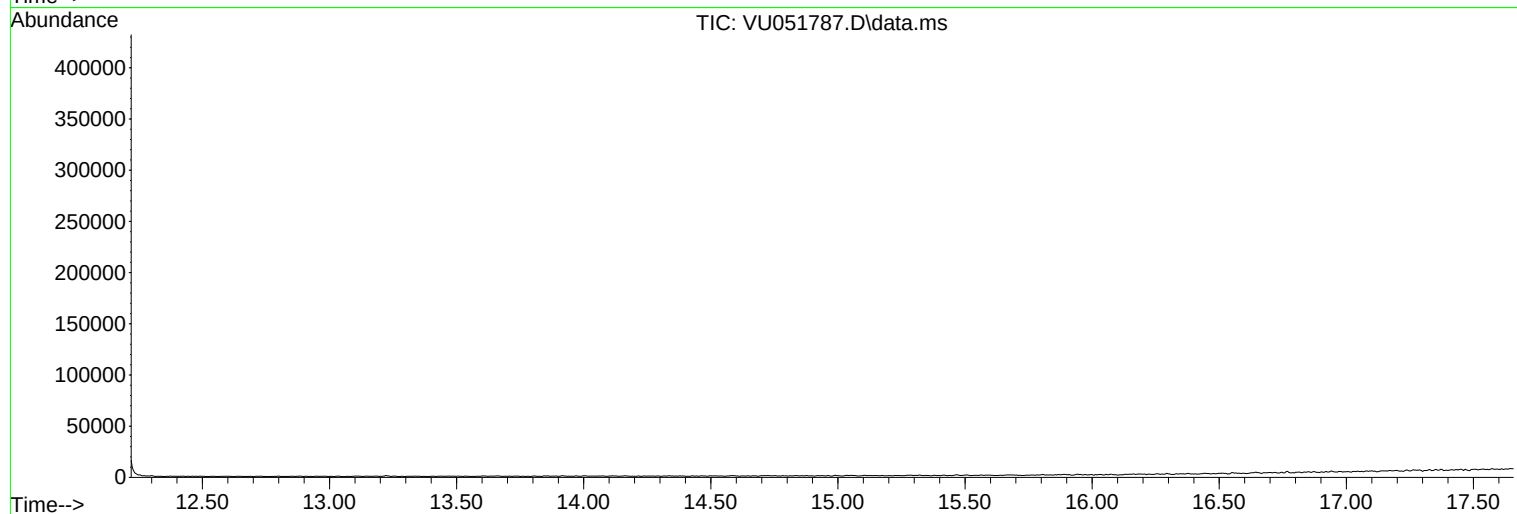
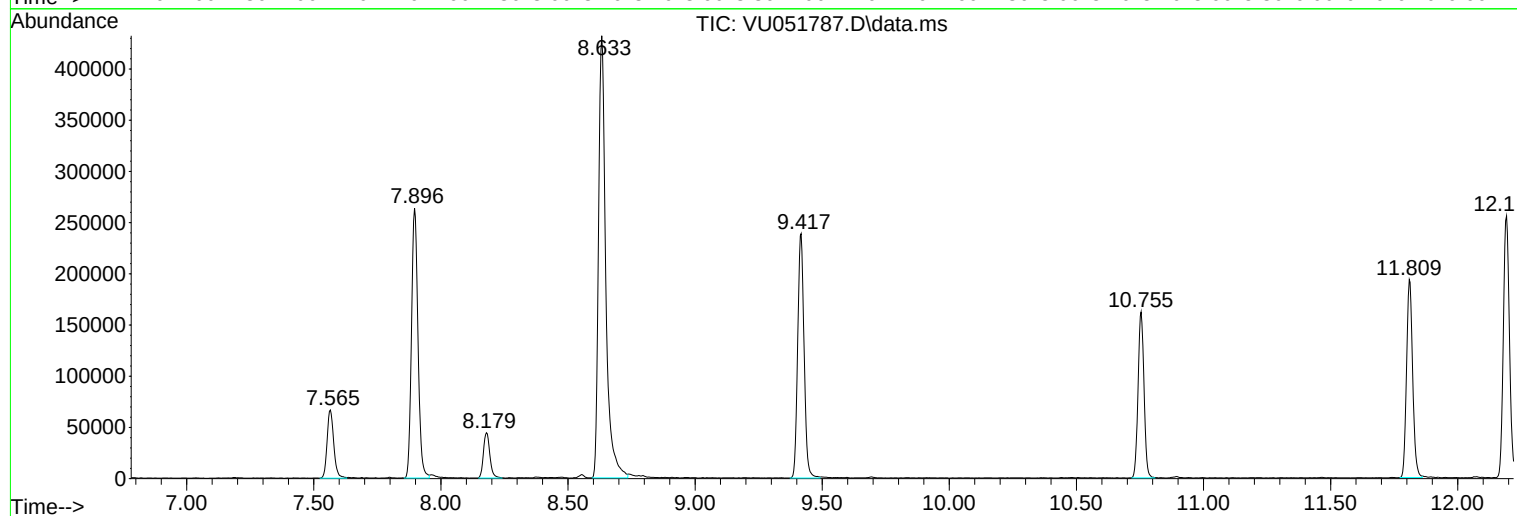
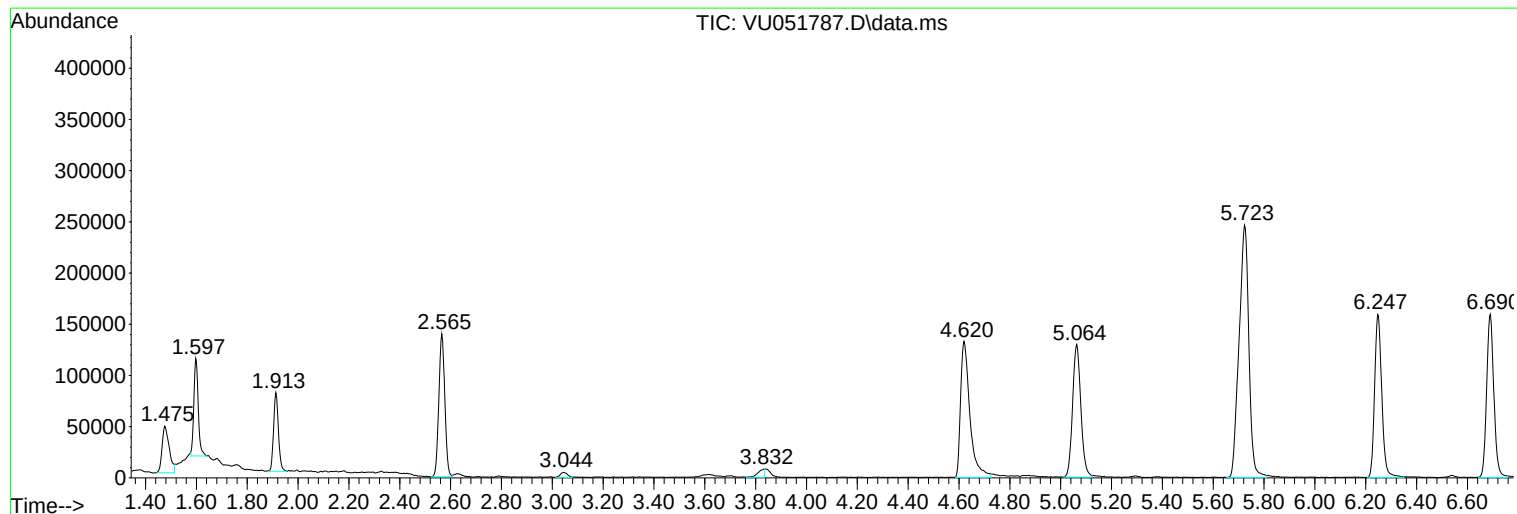
Sum of corrected areas: 5410372

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ClientSampleId :  
H0AC8

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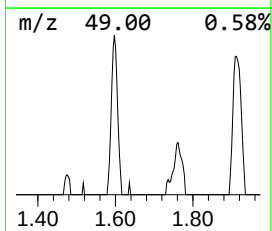
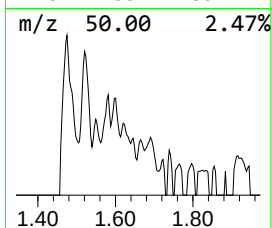
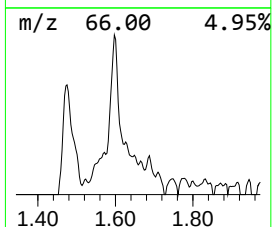
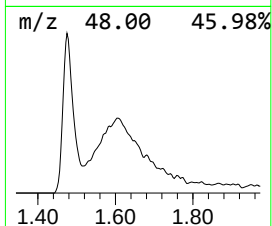
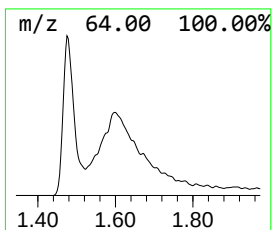
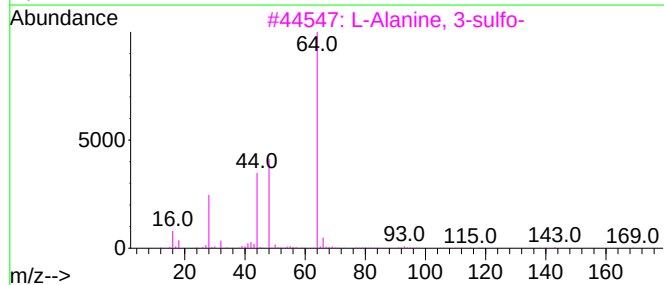
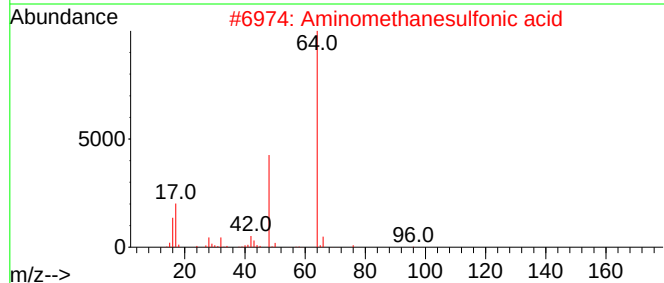
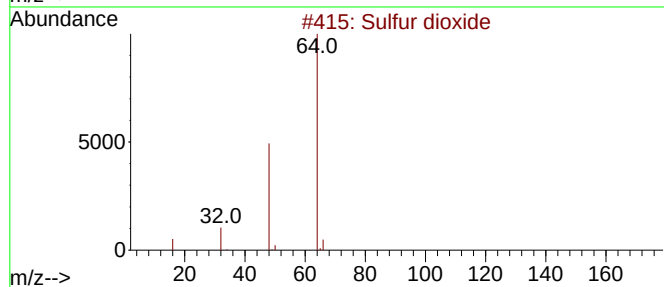
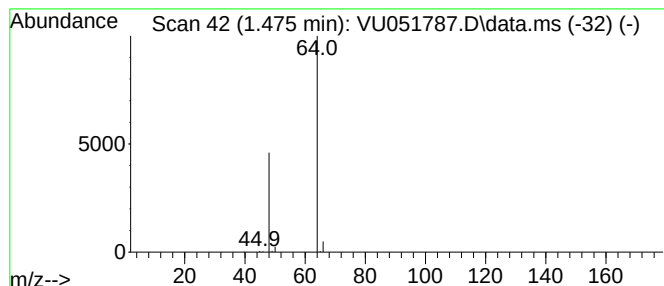
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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 | 1.41 ug/L | 88739 | 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 | 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 | 7    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.475 | 1.4     | ug/L  | 88739    | 1                     | 6.250 | 313603 | 5.0  |