

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102822\  
 Data File : VU051600.D  
 Acq On : 29 Oct 2022 05:15  
 Operator : JC/MD  
 Sample : N5276-20  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW4Y0

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: VU051600.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         | 1.466       | 31            | 39          | 50           | rBV      | 258177         | 514964        | 47.19%          | 6.885%        |
| 2         | 1.597       | 76            | 80          | 104          | rVB3     | 151569         | 325417        | 29.82%          | 4.351%        |
| 3         | 1.729       | 117           | 121         | 130          | rVB      | 70718          | 72155         | 6.61%           | 0.965%        |
| 4         | 1.912       | 172           | 178         | 195          | rVB      | 98164          | 144417        | 13.23%          | 1.931%        |
| 5         | 2.565       | 369           | 381         | 392          | rBV      | 119921         | 195599        | 17.92%          | 2.615%        |
| 6         | 2.623       | 393           | 399         | 412          | rVB2     | 10734          | 18595         | 1.70%           | 0.249%        |
| 7         | 3.179       | 557           | 572         | 593          | rVB3     | 11996          | 28634         | 2.62%           | 0.383%        |
| 8         | 3.871       | 756           | 787         | 788          | rBV4     | 15223          | 51029         | 4.68%           | 0.682%        |
| 9         | 4.617       | 1002          | 1019        | 1050         | rBV      | 187392         | 470536        | 43.12%          | 6.291%        |
| 10        | 5.060       | 1141          | 1157        | 1187         | rBV      | 172801         | 404585        | 37.08%          | 5.410%        |
| 11        | 5.723       | 1343          | 1363        | 1393         | rBV2     | 291889         | 803984        | 73.68%          | 10.750%       |
| 12        | 6.247       | 1513          | 1526        | 1545         | rBV      | 209713         | 404477        | 37.07%          | 5.408%        |
| 13        | 6.687       | 1649          | 1663        | 1683         | rBV      | 210299         | 420061        | 38.49%          | 5.617%        |
| 14        | 7.565       | 1922          | 1936        | 1963         | rBV      | 70144          | 129691        | 11.88%          | 1.734%        |
| 15        | 7.896       | 2026          | 2039        | 2055         | rBV      | 270757         | 470566        | 43.12%          | 6.292%        |
| 16        | 7.967       | 2055          | 2061        | 2074         | rVB2     | 13234          | 22505         | 2.06%           | 0.301%        |
| 17        | 8.179       | 2115          | 2127        | 2145         | rBV      | 44545          | 77549         | 7.11%           | 1.037%        |
| 18        | 8.472       | 2209          | 2218        | 2232         | rVB2     | 6075           | 11296         | 1.04%           | 0.151%        |
| 19        | 8.629       | 2255          | 2267        | 2306         | rBV      | 577778         | 1091225       | 100.00%         | 14.591%       |
| 20        | 9.417       | 2499          | 2512        | 2533         | rBV      | 323680         | 553315        | 50.71%          | 7.398%        |
| 21        | 10.755      | 2916          | 2928        | 2946         | rBV      | 200724         | 322681        | 29.57%          | 4.314%        |
| 22        | 10.893      | 2958          | 2971        | 2983         | rBV2     | 14965          | 24313         | 2.23%           | 0.325%        |
| 23        | 11.809      | 3244          | 3256        | 3273         | rBV      | 265392         | 439412        | 40.27%          | 5.875%        |
| 24        | 12.063      | 3326          | 3335        | 3347         | rBV5     | 6403           | 12172         | 1.12%           | 0.163%        |
| 25        | 12.192      | 3362          | 3375        | 3397         | rBV      | 274427         | 447550        | 41.01%          | 5.984%        |
| 26        | 15.481      | 4389          | 4398        | 4408         | rBV2     | 14228          | 22269         | 2.04%           | 0.298%        |

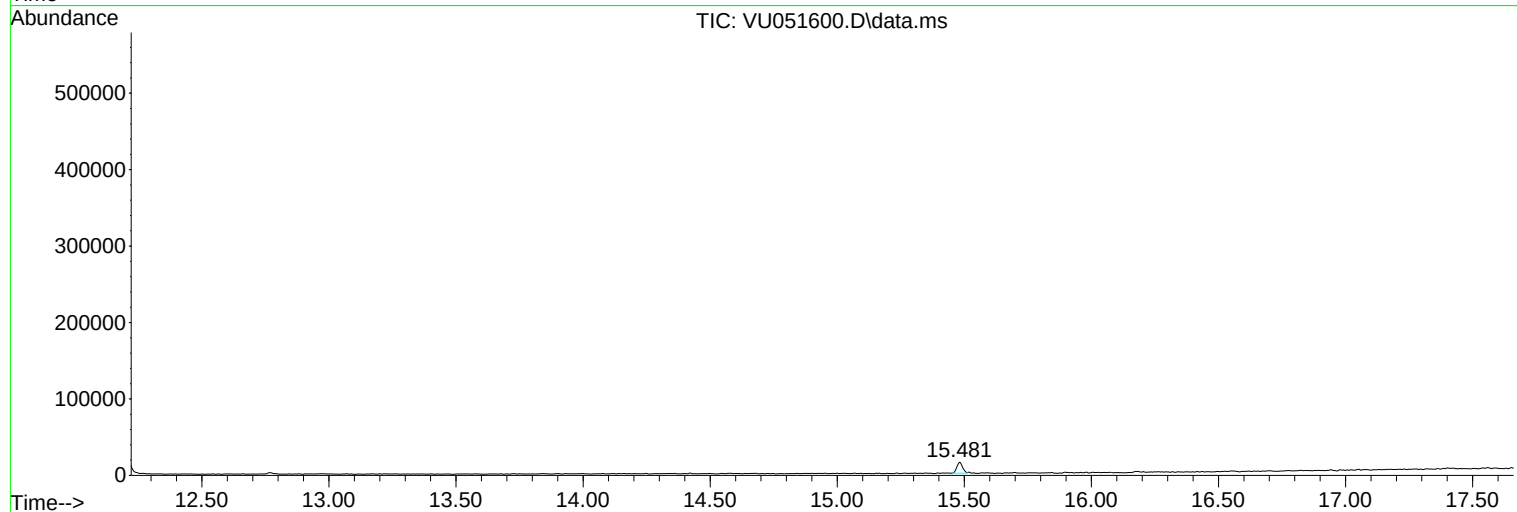
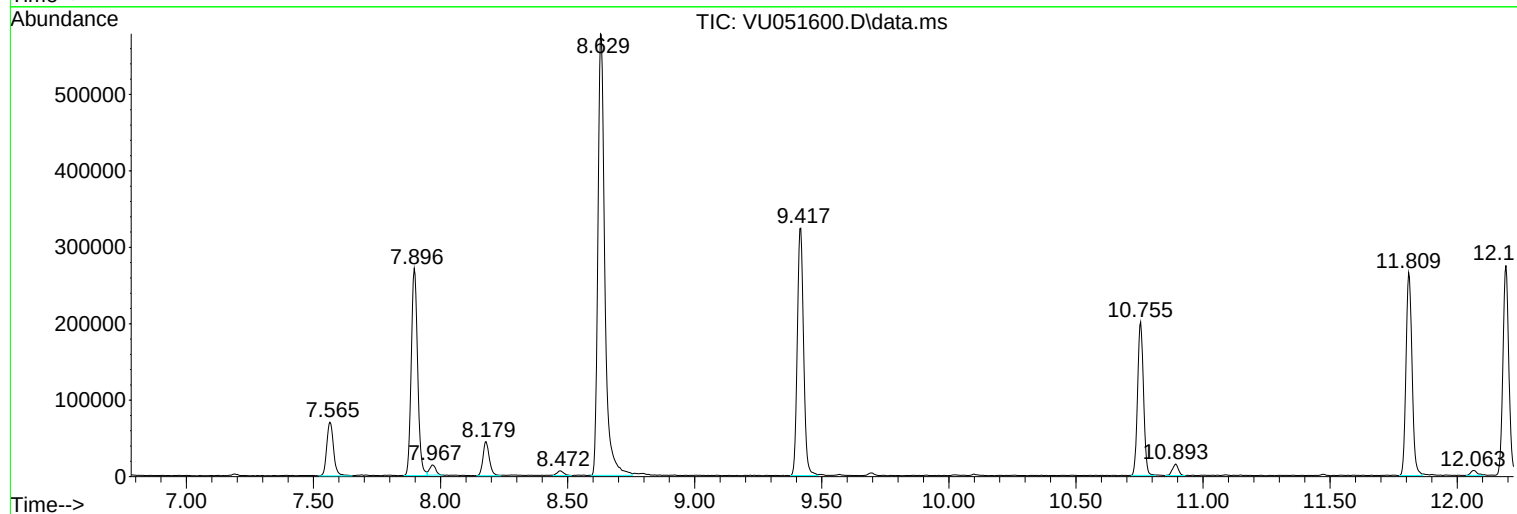
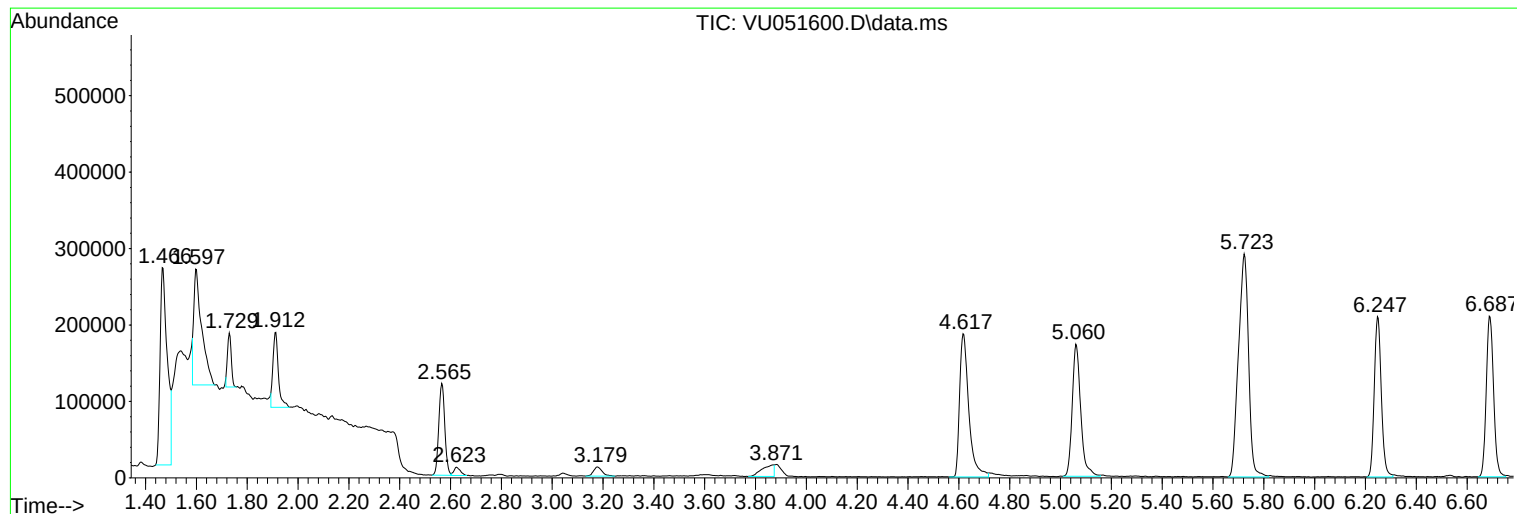
Sum of corrected areas: 7478997

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102822\  
Data File : VU051600.D  
Acq On : 29 Oct 2022 05:15  
Operator : JC/MD  
Sample : N5276-20  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW4Y0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102822\  
Data File : VU051600.D  
Acq On : 29 Oct 2022 05:15  
Operator : JC/MD  
Sample : N5276-20  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW4Y0

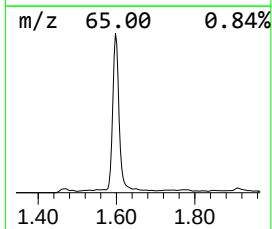
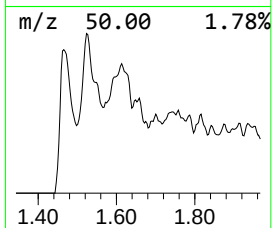
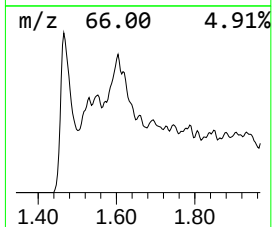
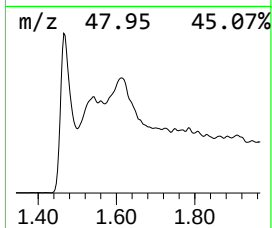
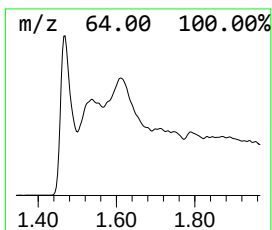
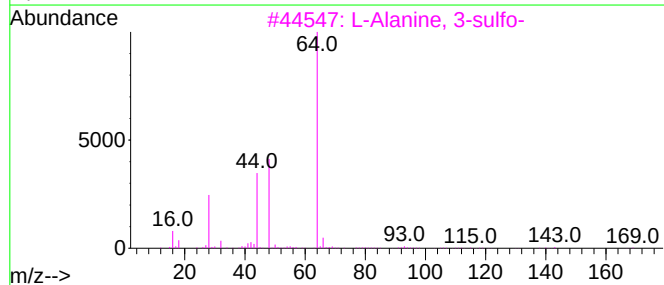
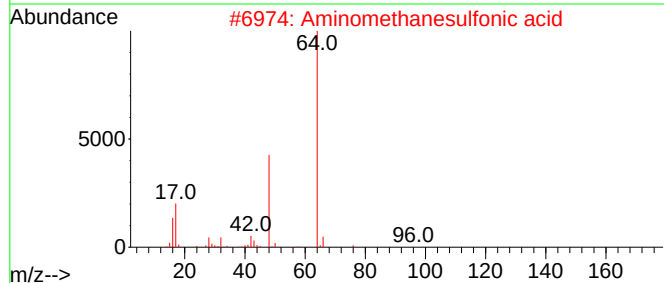
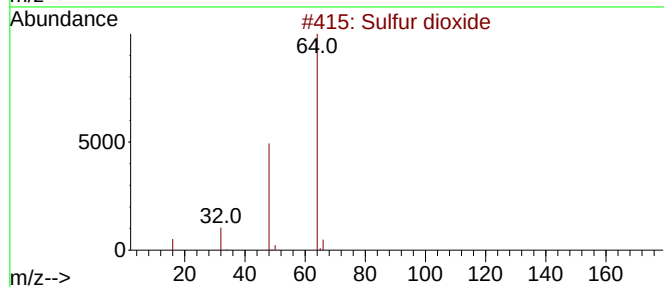
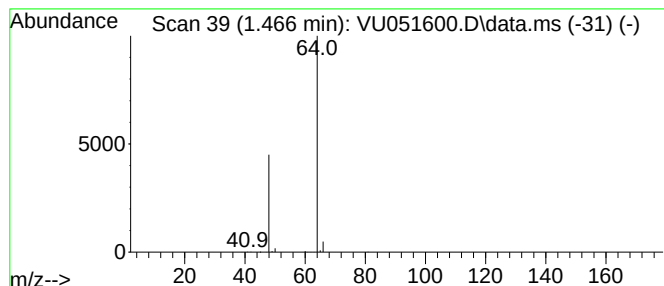
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

\*\*\*\*\*  
Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.466 | 6.37 ug/L | 514964 | 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 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102822\  
Data File : VU051600.D  
Acq On : 29 Oct 2022 05:15  
Operator : JC/MD  
Sample : N5276-20  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW4Y0

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.466 | 6.4     | ug/L  | 514964   | 1                     | 6.247 | 404477 | 5.0  |