

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091824\  
 Data File : VV037346.D  
 Acq On : 18 Sep 2024 20:51  
 Operator : SY/MD  
 Sample : VV0918WBL02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK242

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\_V\Method\SFAMVTR091024WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV037346.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         | 1.217       | 44            | 55          | 56           | rBV6     | 13517          | 18049         | 1.59%           | 0.198%        |
| 2         | 1.275       | 67            | 73          | 86           | rVB      | 104081         | 115231        | 10.18%          | 1.265%        |
| 3         | 1.359       | 87            | 99          | 126          | rBV      | 52587          | 236771        | 20.91%          | 2.598%        |
| 4         | 1.529       | 146           | 152         | 172          | rVB      | 126375         | 156204        | 13.79%          | 1.714%        |
| 5         | 2.053       | 306           | 315         | 329          | rVB      | 212684         | 318922        | 28.16%          | 3.500%        |
| 6         | 3.812       | 851           | 862         | 909          | rBV3     | 117915         | 484970        | 42.83%          | 5.322%        |
| 7         | 4.243       | 978           | 996         | 1020         | rBV      | 174935         | 460859        | 40.70%          | 5.057%        |
| 8         | 4.950       | 1201          | 1216        | 1249         | rBV2     | 384770         | 1010919       | 89.27%          | 11.093%       |
| 9         | 5.529       | 1386          | 1396        | 1423         | rBV2     | 335292         | 742108        | 65.53%          | 8.144%        |
| 10        | 5.986       | 1525          | 1538        | 1563         | rBV      | 230917         | 507013        | 44.77%          | 5.564%        |
| 11        | 6.918       | 1818          | 1828        | 1858         | rBV2     | 64394          | 150899        | 13.33%          | 1.656%        |
| 12        | 7.240       | 1917          | 1928        | 1957         | rBV      | 390879         | 755381        | 66.71%          | 8.289%        |
| 13        | 7.561       | 2019          | 2028        | 2048         | rBV2     | 34177          | 80090         | 7.07%           | 0.879%        |
| 14        | 8.027       | 2161          | 2173        | 2228         | rBV      | 466863         | 1132404       | 100.00%         | 12.427%       |
| 15        | 8.371       | 2271          | 2280        | 2292         | rVB10    | 6291           | 12656         | 1.12%           | 0.139%        |
| 16        | 8.780       | 2393          | 2407        | 2435         | rBV      | 533510         | 954994        | 84.33%          | 10.480%       |
| 17        | 10.149      | 2821          | 2833        | 2854         | rBV      | 195397         | 335342        | 29.61%          | 3.680%        |
| 18        | 11.181      | 3144          | 3154        | 3180         | rBV      | 541089         | 899689        | 79.45%          | 9.873%        |
| 19        | 11.558      | 3258          | 3271        | 3297         | rBV      | 428971         | 740257        | 65.37%          | 8.123%        |

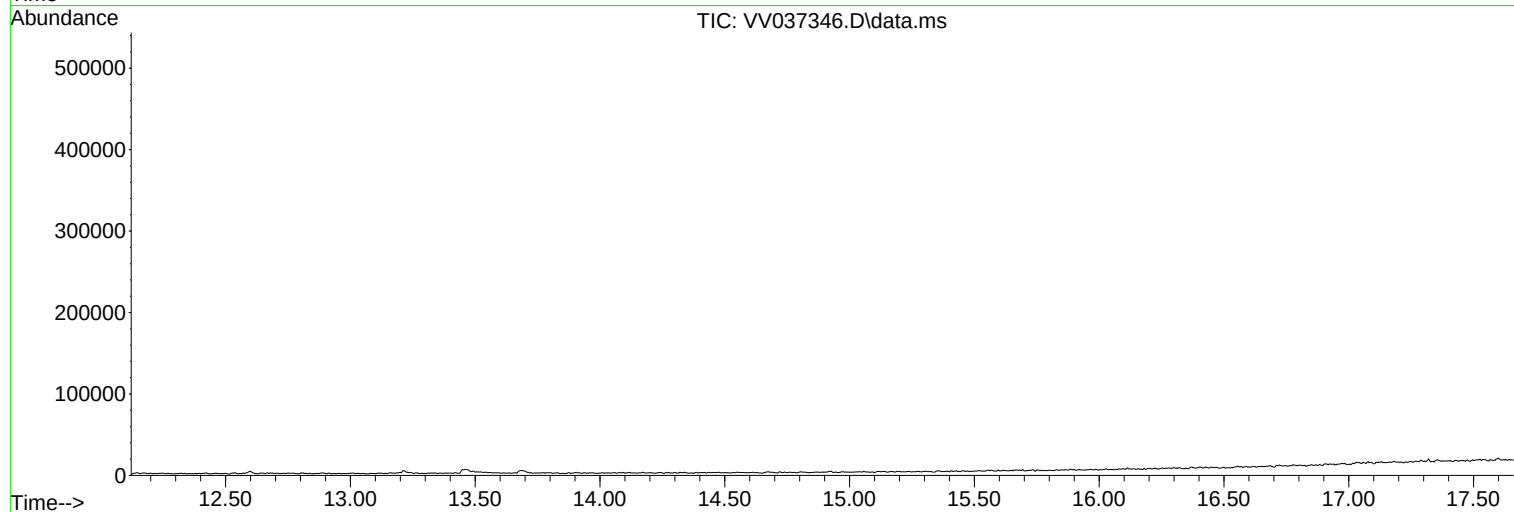
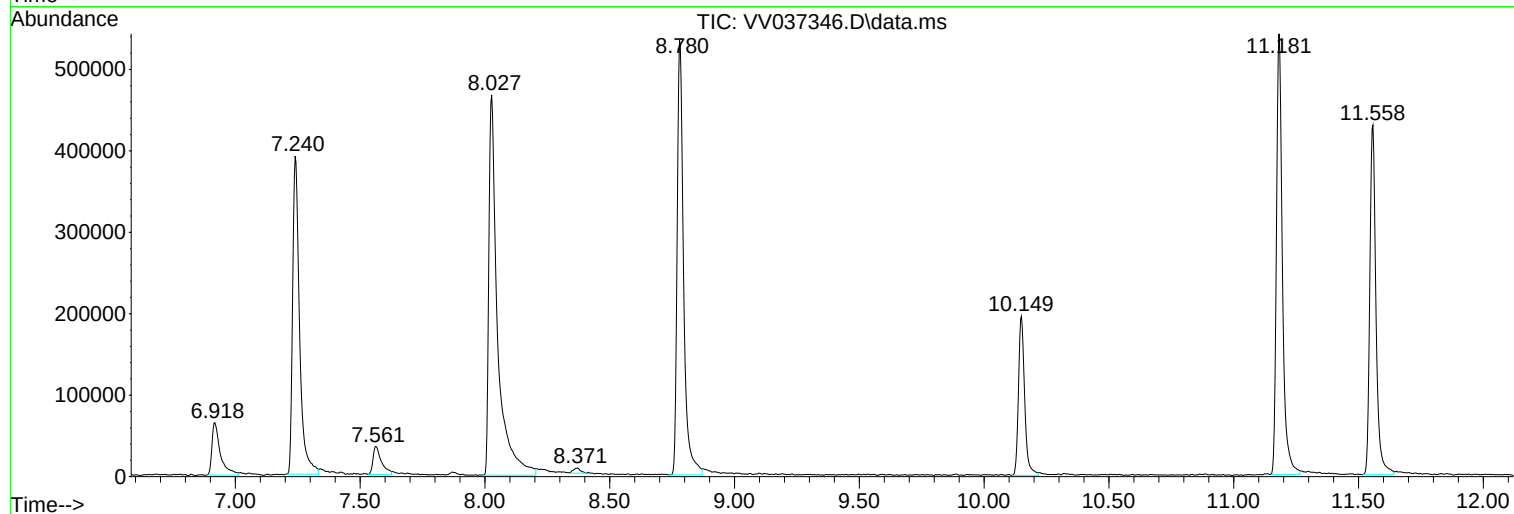
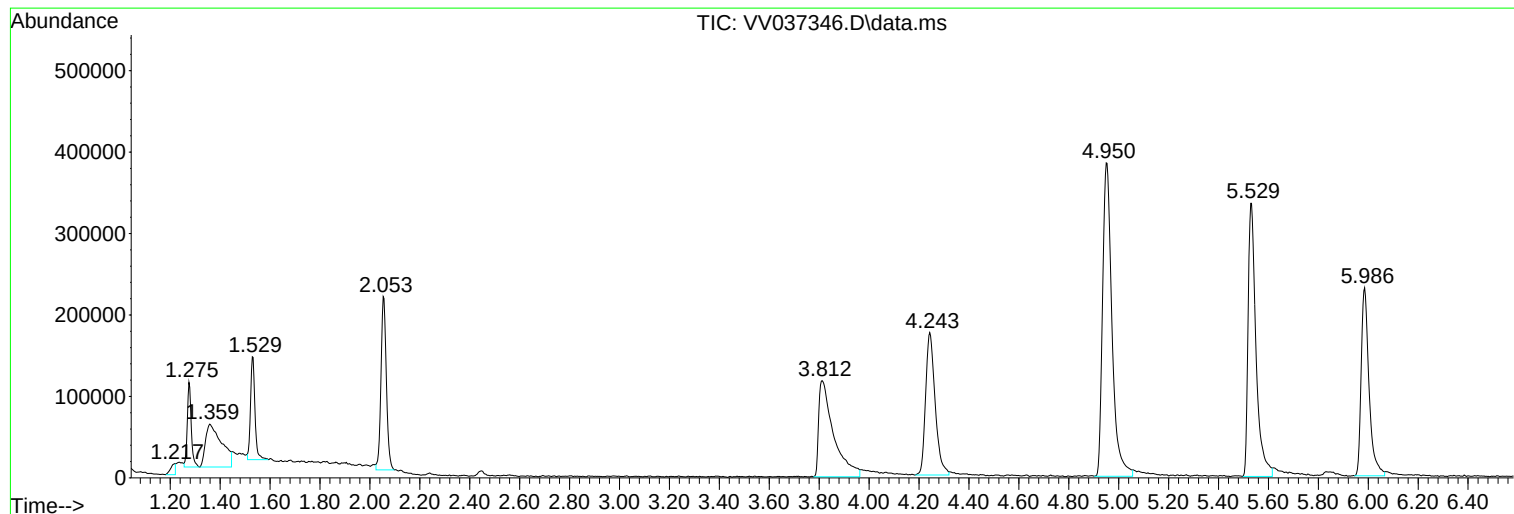
Sum of corrected areas: 9112758

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Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK242

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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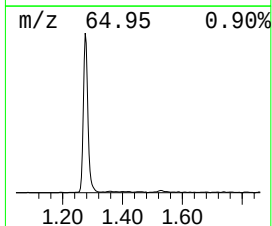
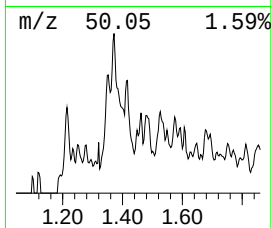
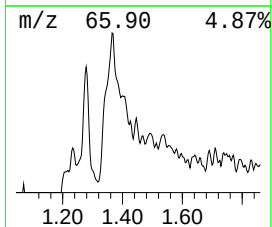
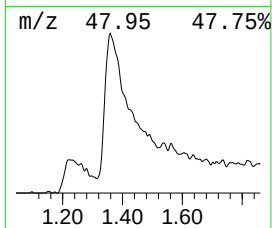
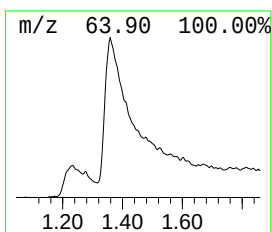
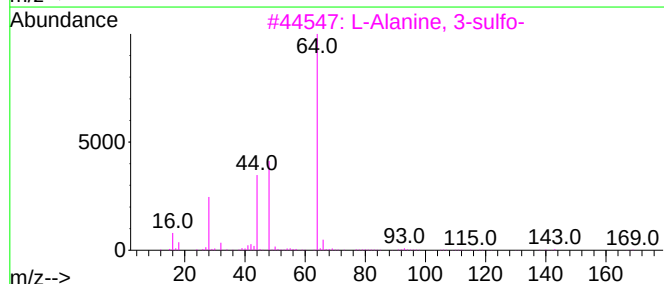
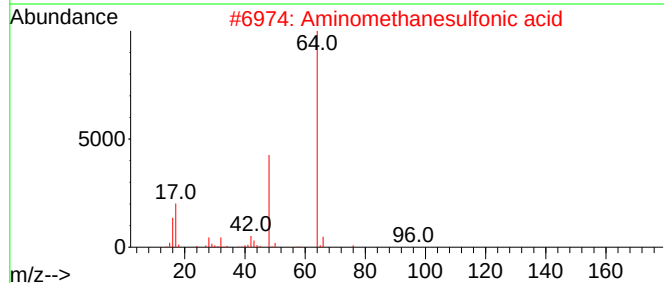
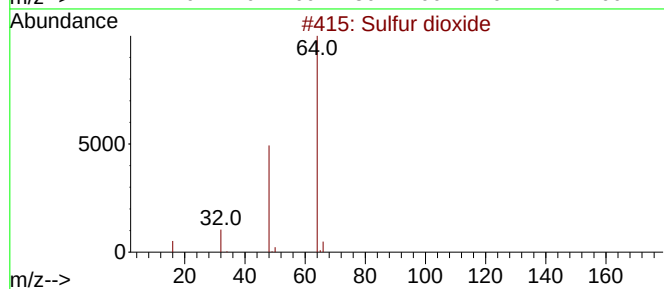
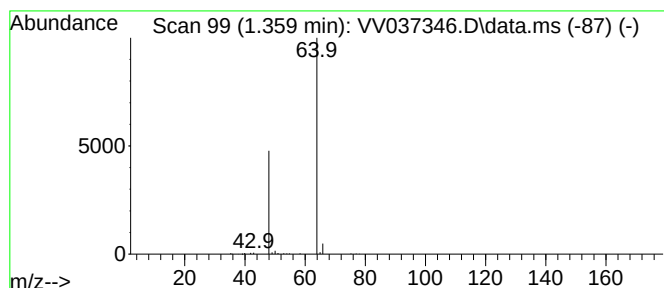
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.359 | 1.60 ug/L | 236771 | 1,4-Difluorobenzene | 5.532 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5N03S  | 013881-91-9 | 64   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7N05S | 000498-40-8 | 9    |
| 4    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5N03S  | 013881-91-9 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.359 | 1.6     | ug/L  | 236771   | 1                     | 5.532 | 742108 | 5.0  |