

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV022324\  
 Data File : VV034374.D  
 Acq On : 23 Feb 2024 14:33  
 Operator : SY/MD  
 Sample : P1566-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 JWAC9

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\SFAMVTR012524WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV034374.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         | 1.179       | 35            | 43          | 52           | rBV      | 50434          | 75078         | 25.72%          | 2.965%        |
| 2         | 1.278       | 68            | 74          | 80           | rBV      | 45625          | 47971         | 16.44%          | 1.894%        |
| 3         | 1.320       | 80            | 87          | 125          | rVV      | 60584          | 184707        | 63.29%          | 7.293%        |
| 4         | 1.535       | 147           | 154         | 165          | rVB      | 41876          | 50222         | 17.21%          | 1.983%        |
| 5         | 2.060       | 308           | 317         | 333          | rVB      | 88497          | 136573        | 46.79%          | 5.393%        |
| 6         | 2.249       | 366           | 376         | 381          | rBV4     | 1781           | 3290          | 1.13%           | 0.130%        |
| 7         | 3.809       | 853           | 861         | 894          | rBV      | 23270          | 78454         | 26.88%          | 3.098%        |
| 8         | 4.252       | 982           | 999         | 1029         | rBV      | 49546          | 128867        | 44.15%          | 5.088%        |
| 9         | 4.960       | 1205          | 1219        | 1253         | rBV2     | 116481         | 291861        | 100.00%         | 11.524%       |
| 10        | 5.535       | 1388          | 1398        | 1425         | rBV      | 88341          | 184642        | 63.26%          | 7.291%        |
| 11        | 5.989       | 1528          | 1539        | 1564         | rBV2     | 60639          | 128879        | 44.16%          | 5.089%        |
| 12        | 6.921       | 1818          | 1829        | 1849         | rBV2     | 17860          | 35559         | 12.18%          | 1.404%        |
| 13        | 7.246       | 1919          | 1930        | 1951         | rBV      | 137763         | 247021        | 84.64%          | 9.754%        |
| 14        | 7.564       | 2021          | 2029        | 2049         | rBV3     | 8296           | 17205         | 5.89%           | 0.679%        |
| 15        | 8.030       | 2165          | 2174        | 2207         | rBV      | 109360         | 220891        | 75.68%          | 8.722%        |
| 16        | 8.786       | 2399          | 2409        | 2433         | rBV      | 133265         | 222735        | 76.32%          | 8.795%        |
| 17        | 10.156      | 2823          | 2835        | 2848         | rBV      | 40533          | 63160         | 21.64%          | 2.494%        |
| 18        | 10.323      | 2879          | 2887        | 2898         | rVB2     | 2422           | 3511          | 1.20%           | 0.139%        |
| 19        | 11.185      | 3145          | 3155        | 3178         | rBV      | 130753         | 208885        | 71.57%          | 8.248%        |
| 20        | 11.561      | 3261          | 3272        | 3294         | rBV      | 128357         | 203029        | 69.56%          | 8.017%        |

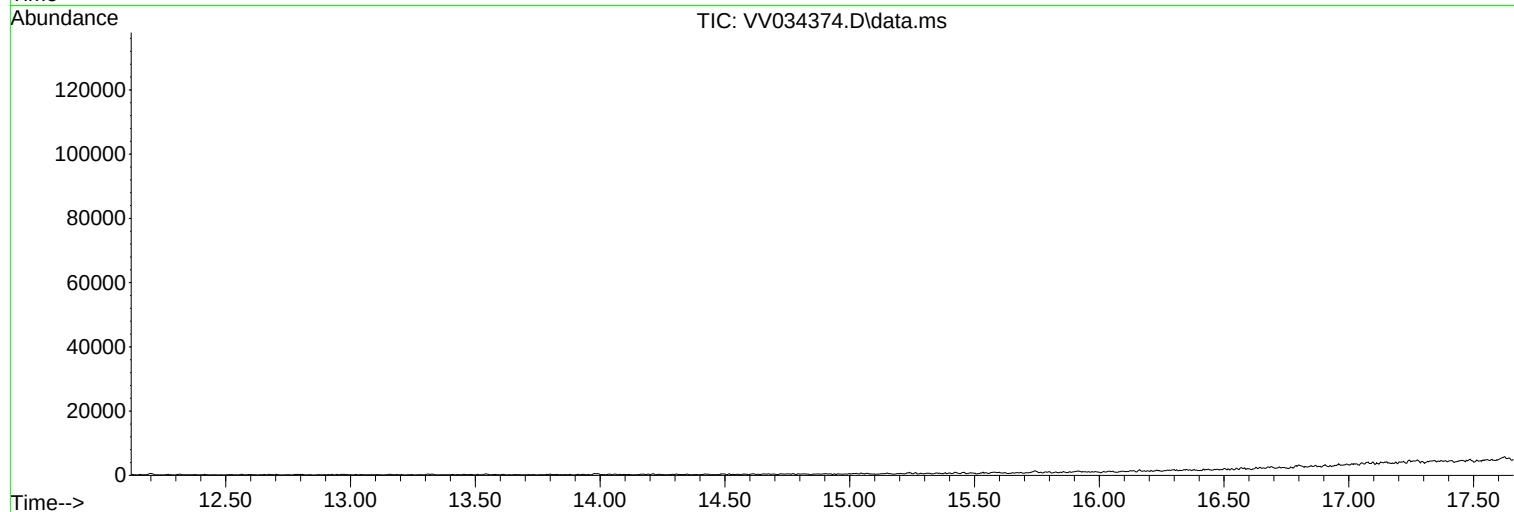
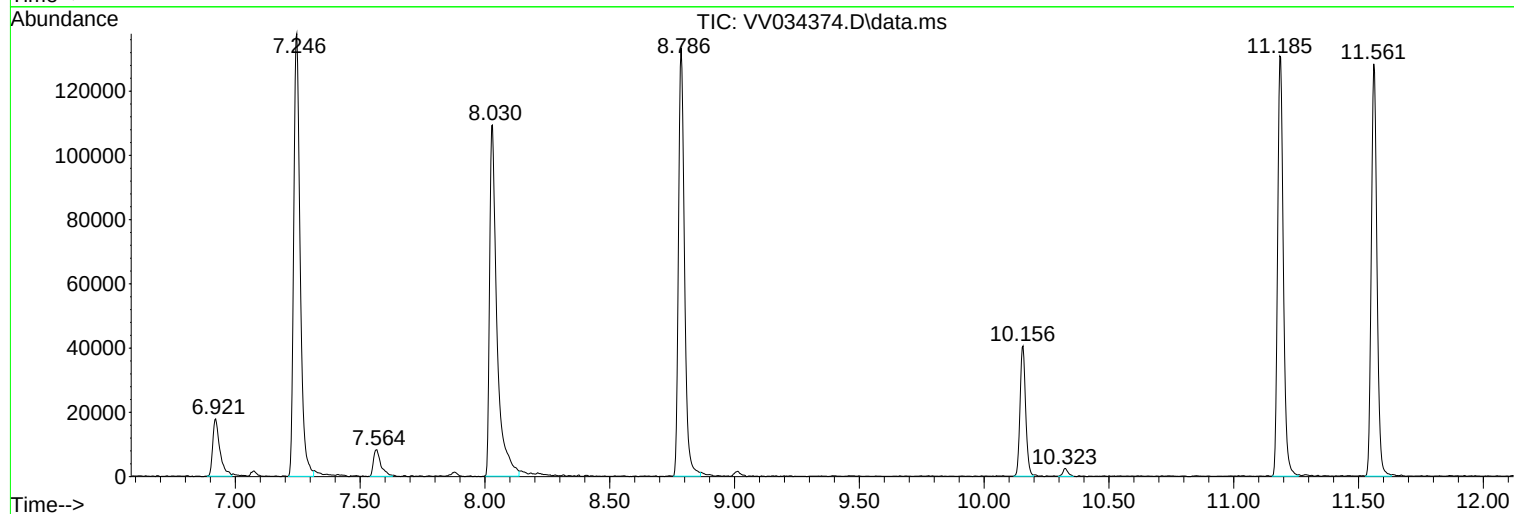
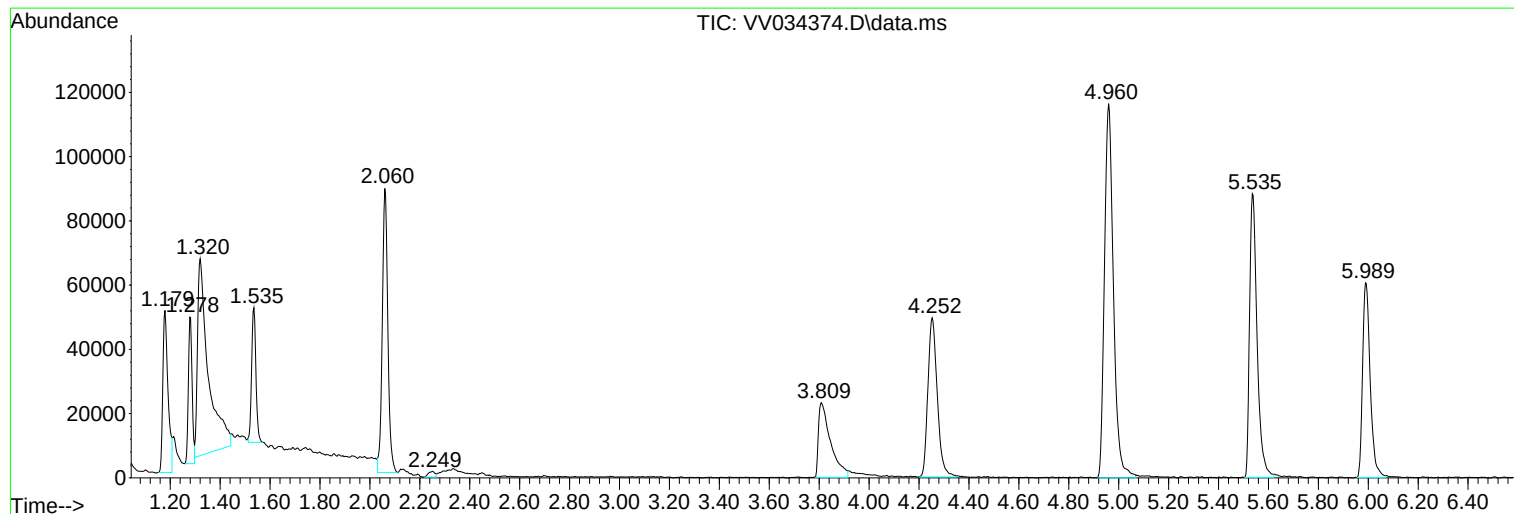
Sum of corrected areas: 2532540

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MSVOA\_V  
ClientSampleId :  
JWAC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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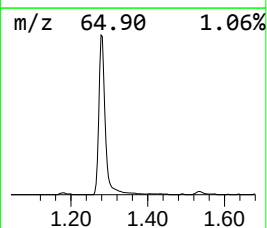
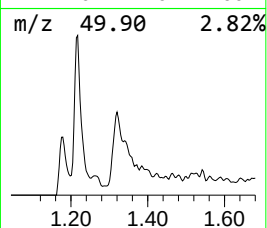
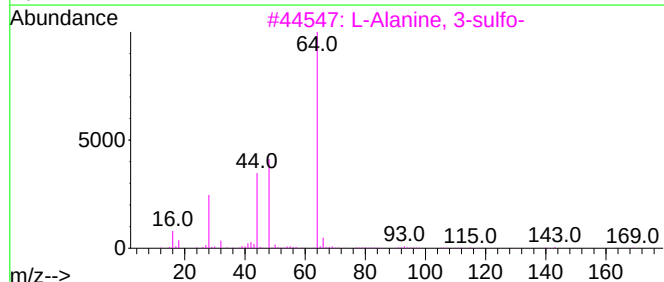
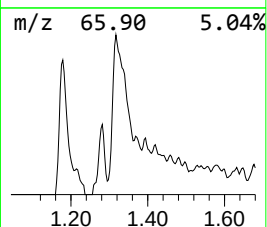
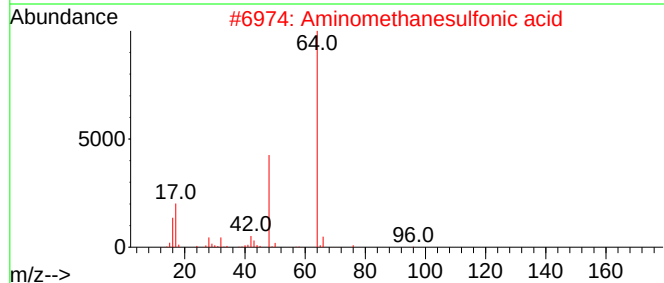
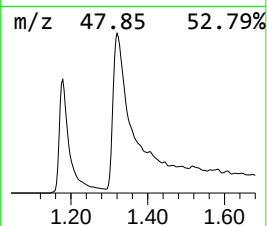
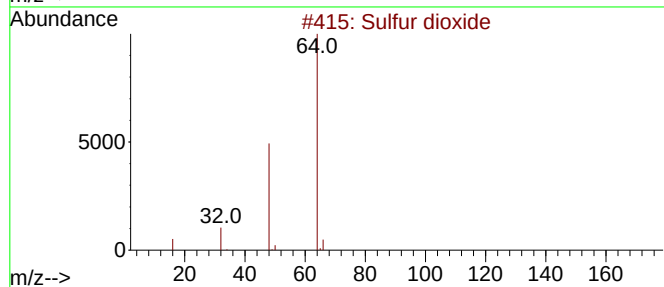
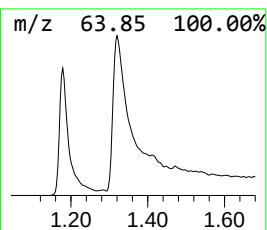
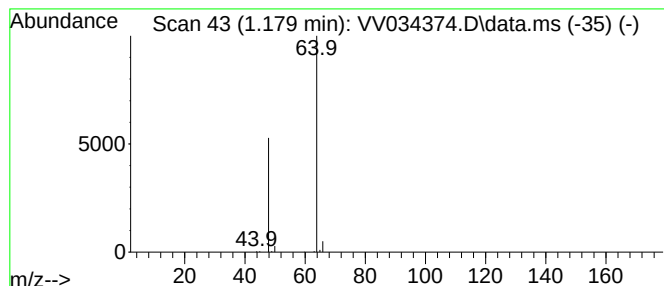
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.179 | 2.03 ug/L | 75078 | 1,4-Difluorobenzene | 5.535 |

| 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    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.179 | 2.0     | ug/L  | 75078    | 1                     | 5.535 | 184642 | 5.0  |