

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100322\  
 Data File : VV028277.D  
 Acq On : 03 Oct 2022 14:45  
 Operator : SY/MD  
 Sample : N4730-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXFS1

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\SFAMVTR100322WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028277.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         | 1.105       | 16            | 20          | 37           | rVB4     | 14542          | 23984         | 3.26%           | 0.384%        |
| 2         | 1.304       | 72            | 82          | 99           | rBV2     | 399273         | 438961        | 59.70%          | 7.030%        |
| 3         | 1.407       | 99            | 114         | 115          | rBV      | 45203          | 90366         | 12.29%          | 1.447%        |
| 4         | 1.561       | 156           | 162         | 176          | rVB      | 98169          | 117346        | 15.96%          | 1.879%        |
| 5         | 2.101       | 320           | 330         | 350          | rVB      | 202053         | 312783        | 42.54%          | 5.009%        |
| 6         | 2.754       | 525           | 533         | 546          | rVB2     | 6693           | 11127         | 1.51%           | 0.178%        |
| 7         | 3.905       | 878           | 891         | 914          | rBV      | 80535          | 265061        | 36.05%          | 4.245%        |
| 8         | 4.339       | 1010          | 1026        | 1053         | rBV      | 118039         | 306690        | 41.71%          | 4.912%        |
| 9         | 5.040       | 1228          | 1244        | 1279         | rBV2     | 288835         | 735286        | 100.00%         | 11.776%       |
| 10        | 5.613       | 1408          | 1422        | 1453         | rBV      | 212944         | 442911        | 60.24%          | 7.093%        |
| 11        | 5.918       | 1506          | 1517        | 1528         | rBV10    | 4024           | 8233          | 1.12%           | 0.132%        |
| 12        | 6.063       | 1549          | 1562        | 1585         | rBV      | 157175         | 331546        | 45.09%          | 5.310%        |
| 13        | 6.982       | 1838          | 1848        | 1870         | rBV      | 71357          | 138320        | 18.81%          | 2.215%        |
| 14        | 7.313       | 1936          | 1951        | 1972         | rBV      | 336748         | 592677        | 80.60%          | 9.492%        |
| 15        | 7.622       | 2037          | 2047        | 2063         | rBV2     | 41448          | 78039         | 10.61%          | 1.250%        |
| 16        | 7.937       | 2135          | 2145        | 2153         | rBV2     | 5118           | 8707          | 1.18%           | 0.139%        |
| 17        | 8.088       | 2182          | 2192        | 2229         | rBV      | 278804         | 568414        | 77.31%          | 9.103%        |
| 18        | 8.847       | 2417          | 2428        | 2460         | rBV      | 330515         | 550623        | 74.89%          | 8.819%        |
| 19        | 10.214      | 2841          | 2853        | 2872         | rBV2     | 116008         | 186030        | 25.30%          | 2.979%        |
| 20        | 10.381      | 2894          | 2905        | 2916         | rVB2     | 8960           | 15783         | 2.15%           | 0.253%        |
| 21        | 11.246      | 3163          | 3174        | 3193         | rBV      | 317001         | 497452        | 67.65%          | 7.967%        |
| 22        | 11.532      | 3253          | 3263        | 3279         | rBV3     | 11017          | 22611         | 3.08%           | 0.362%        |
| 23        | 11.622      | 3279          | 3291        | 3314         | rVB      | 297275         | 483241        | 65.72%          | 7.739%        |
| 24        | 13.506      | 3868          | 3877        | 3889         | rBV      | 6293           | 9523          | 1.30%           | 0.153%        |
| 25        | 13.744      | 3942          | 3951        | 3960         | rBV6     | 5340           | 8199          | 1.12%           | 0.131%        |

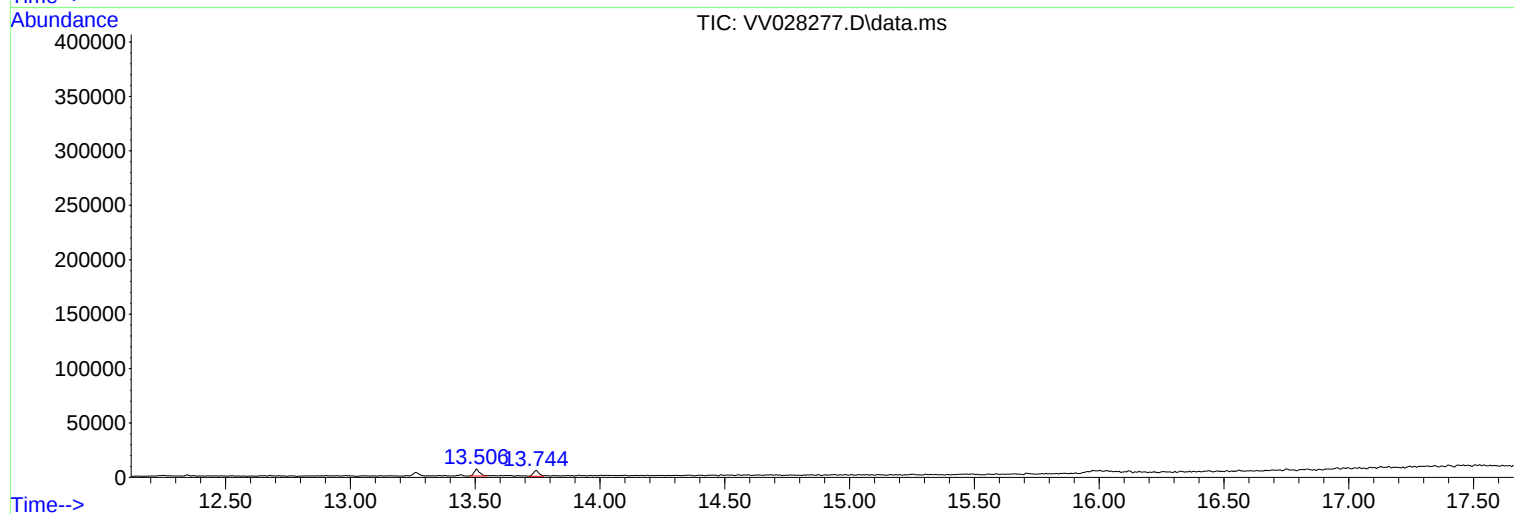
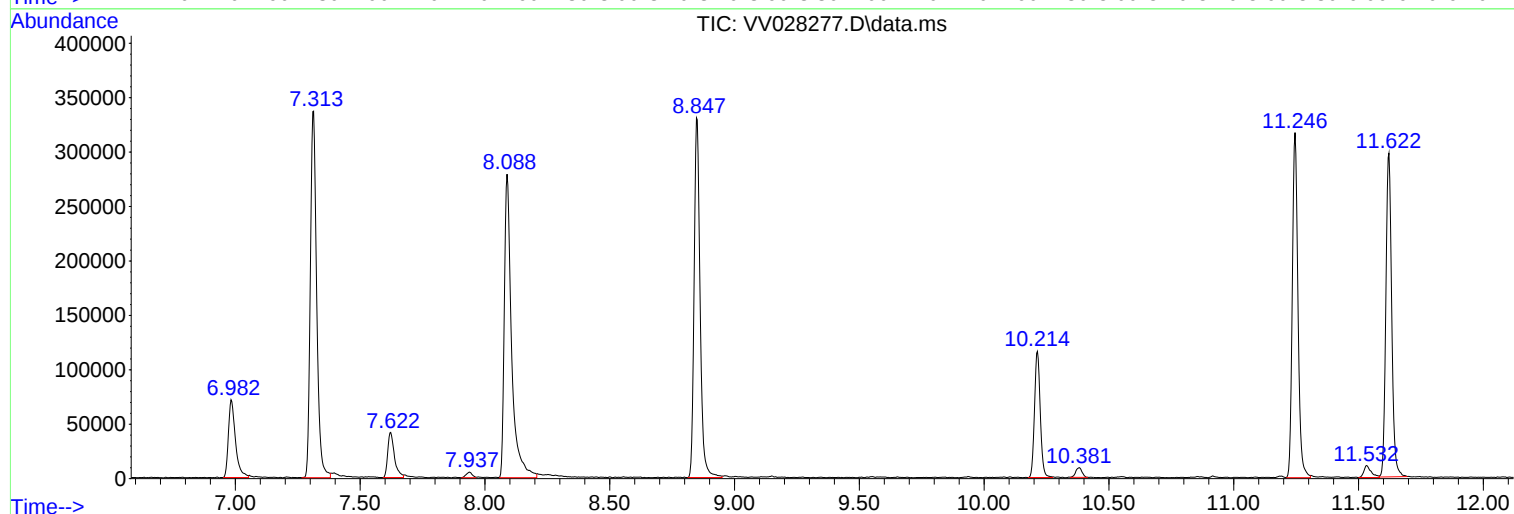
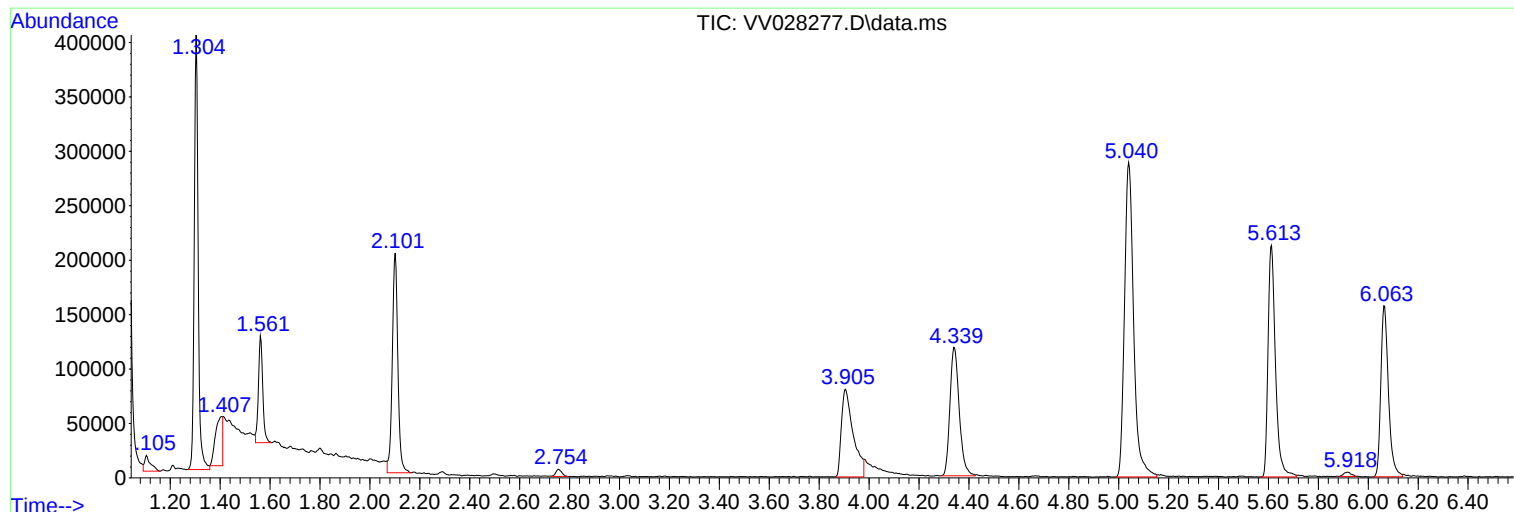
Sum of corrected areas: 6243913

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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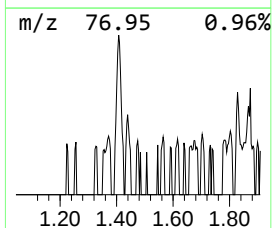
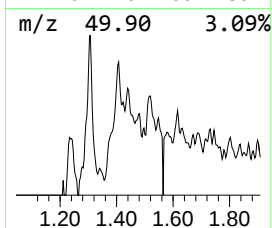
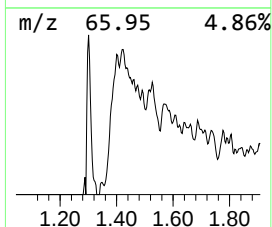
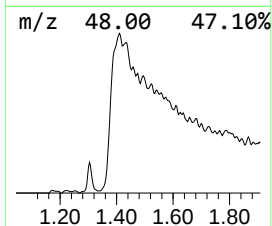
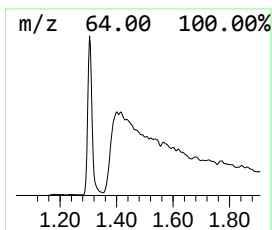
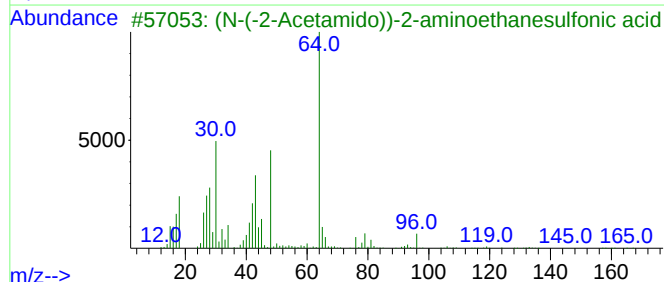
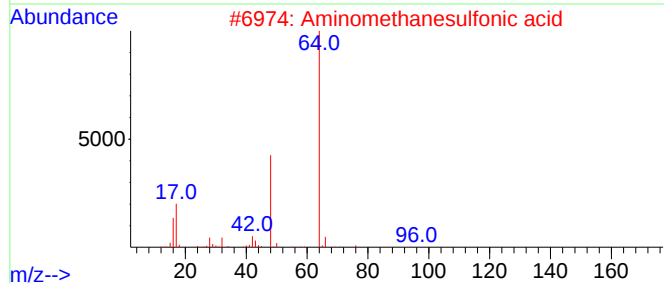
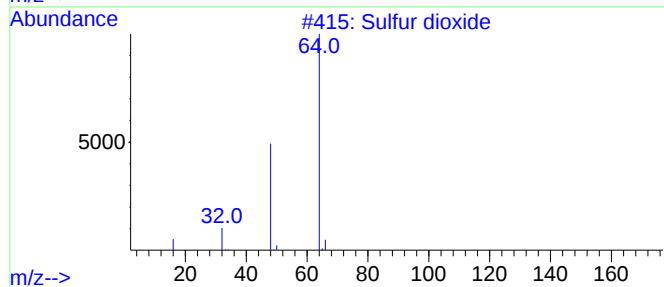
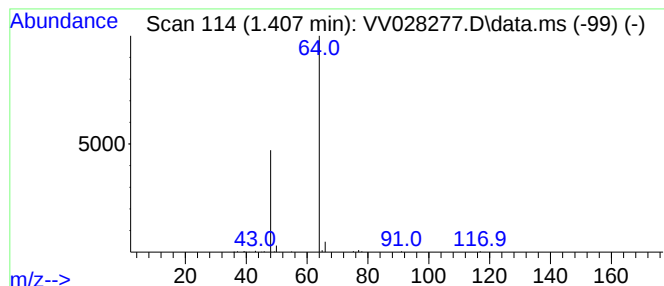
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100322WMA.M  
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.407 | 1.02 ug/L | 90366 | 1,4-Difluorobenzene | 5.613 |

| 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    |    |   | (N-(-2-Acetamido))-2-aminoethane... | 182 | C4H10N2O4S | 007365-82-4 | 9    |
| 4    |    |   | Aminomethanesulfonic acid           | 111 | CH5NO3S    | 013881-91-9 | 9    |
| 5    |    |   | 2-Aminoethyl hydrogen sulfate       | 141 | C2H7NO4S   | 000926-39-6 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.407 | 1.0     | ug/L  | 90366    | 1                     | 5.613 | 442911 | 5.0  |