

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093022\  
 Data File : VV028258.D  
 Acq On : 01 Oct 2022 04:43  
 Operator : SY/MD  
 Sample : N4856-14  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H41

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\SFAMVTR092222WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028258.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         | 1.301       | 73            | 81          | 93           | rBV      | 102217         | 104450        | 14.60%          | 1.637%        |
| 2         | 1.384       | 94            | 107         | 128          | rBV      | 98697          | 440493        | 61.57%          | 6.904%        |
| 3         | 1.561       | 156           | 162         | 171          | rVB      | 92277          | 107516        | 15.03%          | 1.685%        |
| 4         | 2.101       | 320           | 330         | 346          | rVB      | 194567         | 310255        | 43.36%          | 4.863%        |
| 5         | 3.899       | 876           | 889         | 930          | rBV      | 62181          | 266155        | 37.20%          | 4.172%        |
| 6         | 4.339       | 1008          | 1026        | 1051         | rBV      | 124992         | 315267        | 44.06%          | 4.941%        |
| 7         | 5.040       | 1228          | 1244        | 1261         | rBV2     | 288699         | 715474        | 100.00%         | 11.214%       |
| 8         | 5.127       | 1263          | 1271        | 1293         | rVB2     | 45309          | 112799        | 15.77%          | 1.768%        |
| 9         | 5.612       | 1409          | 1422        | 1447         | rBV      | 214755         | 444322        | 62.10%          | 6.964%        |
| 10        | 6.066       | 1547          | 1563        | 1586         | rBV      | 162721         | 346519        | 48.43%          | 5.431%        |
| 11        | 6.985       | 1838          | 1849        | 1870         | rBV2     | 60282          | 119281        | 16.67%          | 1.870%        |
| 12        | 7.310       | 1938          | 1950        | 1972         | rBV      | 324543         | 580804        | 81.18%          | 9.103%        |
| 13        | 7.622       | 2039          | 2047        | 2073         | rBV2     | 34229          | 63698         | 8.90%           | 0.998%        |
| 14        | 7.937       | 2134          | 2145        | 2155         | rBV3     | 9334           | 17438         | 2.44%           | 0.273%        |
| 15        | 8.088       | 2180          | 2192        | 2223         | rBV      | 343223         | 654391        | 91.46%          | 10.257%       |
| 16        | 8.850       | 2415          | 2429        | 2450         | rBV      | 327949         | 547876        | 76.58%          | 8.587%        |
| 17        | 10.214      | 2840          | 2853        | 2872         | rBV2     | 130164         | 207273        | 28.97%          | 3.249%        |
| 18        | 10.378      | 2893          | 2904        | 2918         | rVB      | 14780          | 23914         | 3.34%           | 0.375%        |
| 19        | 11.246      | 3163          | 3174        | 3198         | rBV      | 313871         | 494422        | 69.10%          | 7.750%        |
| 20        | 11.622      | 3277          | 3291        | 3313         | rBV      | 302563         | 484807        | 67.76%          | 7.599%        |
| 21        | 12.249      | 3477          | 3486        | 3495         | rVB2     | 6491           | 9670          | 1.35%           | 0.152%        |
| 22        | 15.943      | 4620          | 4635        | 4638         | rBV2     | 5911           | 13220         | 1.85%           | 0.207%        |

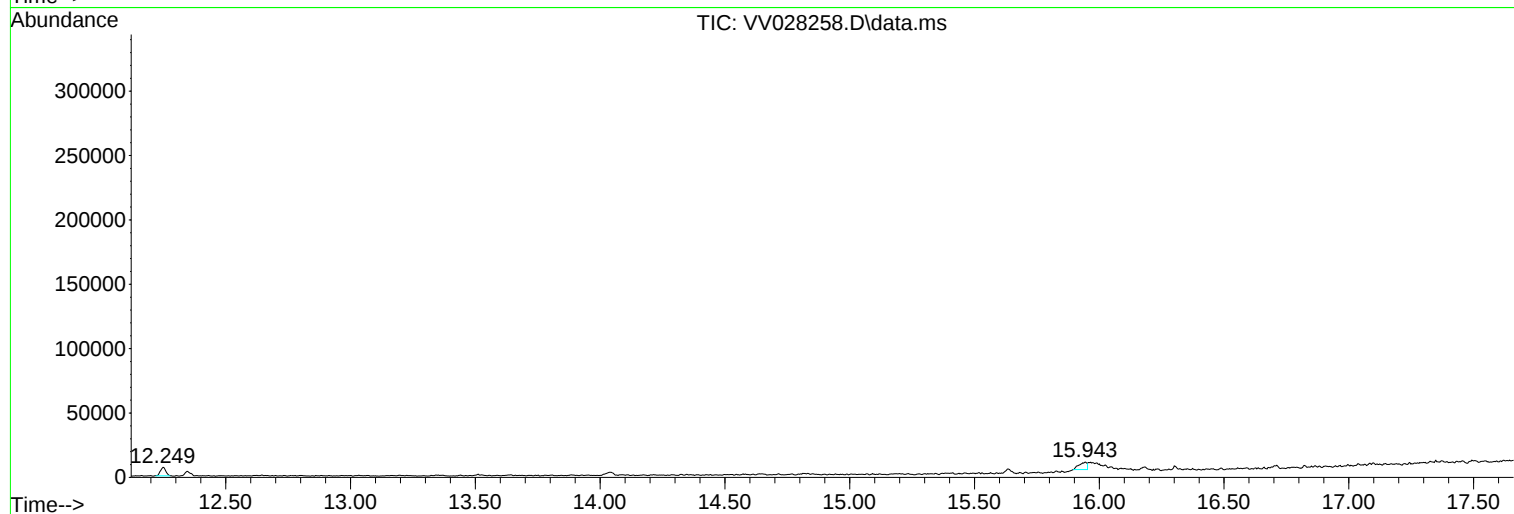
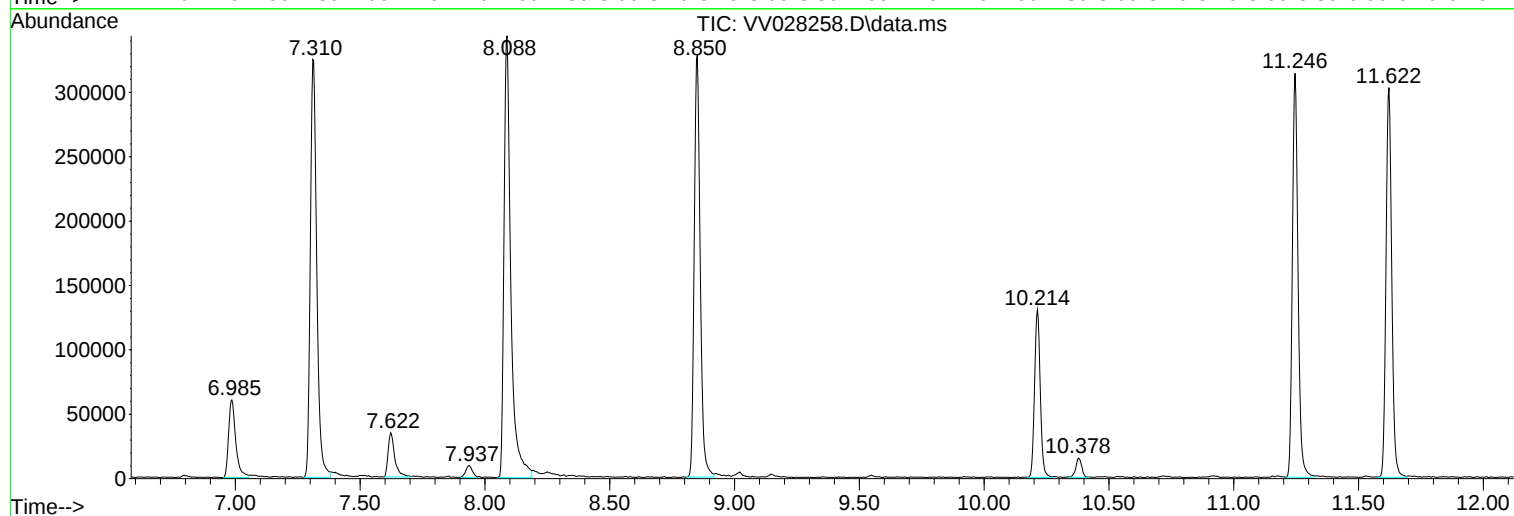
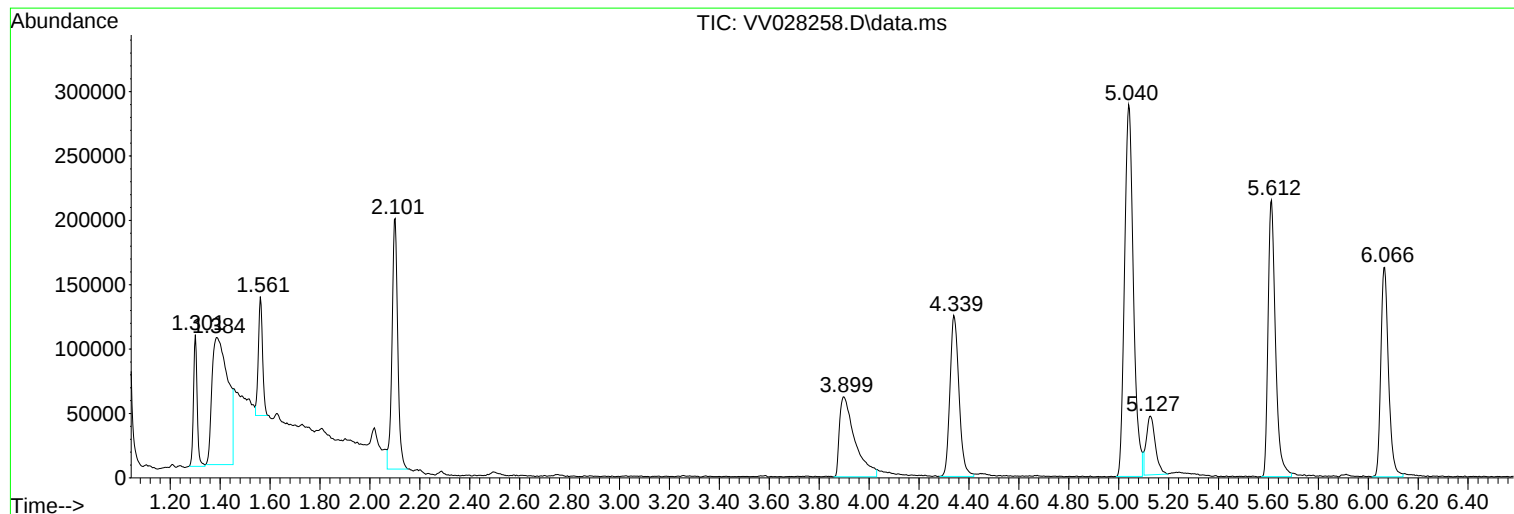
Sum of corrected areas: 6380044

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ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H41

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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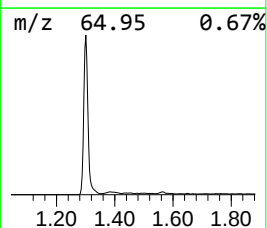
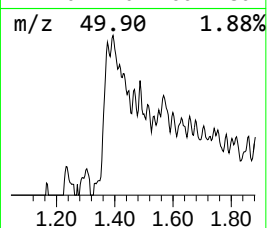
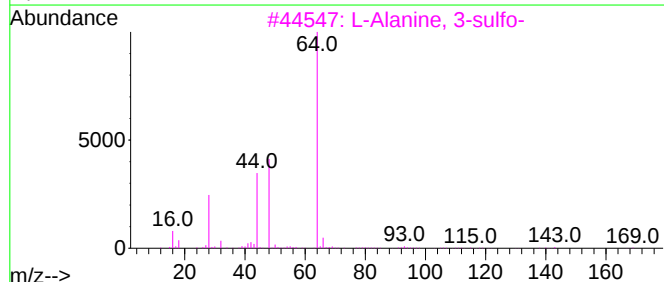
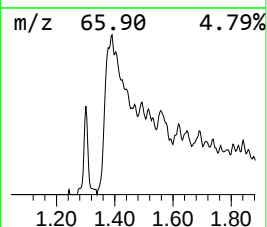
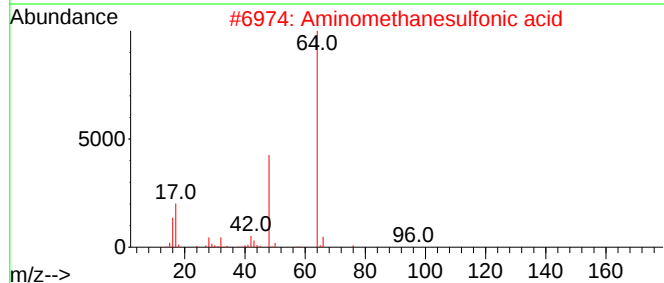
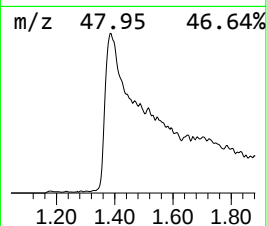
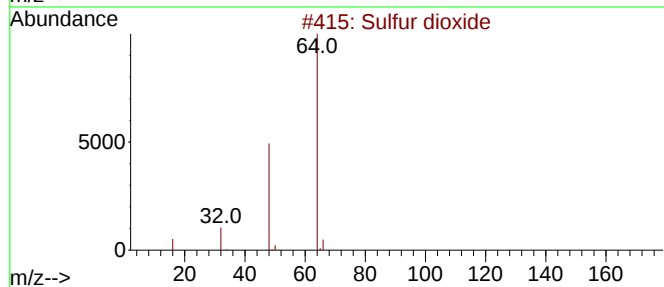
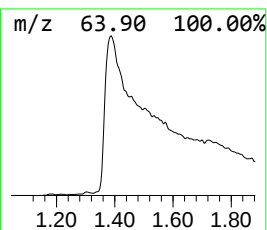
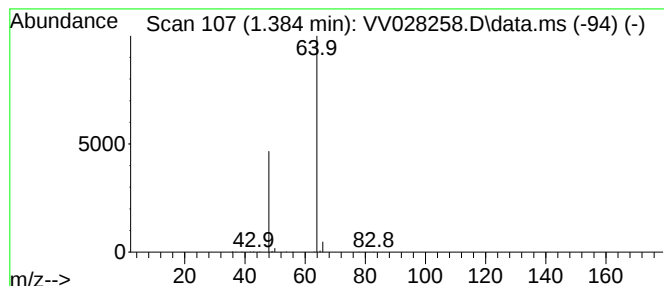
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.384 | 4.96 ug/L | 440493 | 1,4-Difluorobenzene | 5.612 |

| 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    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.384 | 5.0     | ug/L  | 440493   | 1                     | 5.612 | 444322 | 5.0  |