

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092922\  
 Data File : VV028213.D  
 Acq On : 30 Sep 2022 02:10  
 Operator : SY/MD  
 Sample : N4870-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H65

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: VV028213.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       | 71            | 81          | 97           | rBV      | 110519         | 125008        | 24.51%          | 2.340%        |
| 2         | 1.410       | 98            | 115         | 141          | rBV2     | 163096         | 490931        | 96.24%          | 9.191%        |
| 3         | 1.561       | 156           | 162         | 174          | rVB      | 87488          | 105116        | 20.61%          | 1.968%        |
| 4         | 2.101       | 321           | 330         | 350          | rVB      | 179233         | 270604        | 53.05%          | 5.066%        |
| 5         | 2.500       | 444           | 454         | 470          | rBV7     | 2897           | 7252          | 1.42%           | 0.136%        |
| 6         | 3.902       | 874           | 890         | 929          | rBV3     | 159311         | 474318        | 92.99%          | 8.880%        |
| 7         | 4.343       | 1009          | 1027        | 1054         | rBV2     | 87849          | 224107        | 43.93%          | 4.196%        |
| 8         | 5.040       | 1226          | 1244        | 1269         | rBV3     | 203219         | 510090        | 100.00%         | 9.550%        |
| 9         | 5.613       | 1409          | 1422        | 1445         | rBV      | 165985         | 333604        | 65.40%          | 6.246%        |
| 10        | 5.912       | 1504          | 1515        | 1533         | rBV3     | 34564          | 72510         | 14.22%          | 1.358%        |
| 11        | 6.066       | 1549          | 1563        | 1586         | rBV      | 116072         | 240015        | 47.05%          | 4.494%        |
| 12        | 6.982       | 1838          | 1848        | 1874         | rBV      | 48443          | 94297         | 18.49%          | 1.765%        |
| 13        | 7.313       | 1939          | 1951        | 1985         | rBV      | 236099         | 435484        | 85.37%          | 8.153%        |
| 14        | 7.622       | 2036          | 2047        | 2062         | rBV2     | 28109          | 49038         | 9.61%           | 0.918%        |
| 15        | 7.937       | 2133          | 2145        | 2147         | rBV2     | 7825           | 11026         | 2.16%           | 0.206%        |
| 16        | 7.973       | 2149          | 2156        | 2172         | rVB2     | 29205          | 51386         | 10.07%          | 0.962%        |
| 17        | 8.085       | 2181          | 2191        | 2223         | rBV      | 223774         | 415106        | 81.38%          | 7.772%        |
| 18        | 8.850       | 2415          | 2429        | 2457         | rBV      | 247395         | 411852        | 80.74%          | 7.711%        |
| 19        | 10.214      | 2841          | 2853        | 2869         | rBV      | 83537          | 132307        | 25.94%          | 2.477%        |
| 20        | 10.381      | 2894          | 2905        | 2918         | rVB2     | 15516          | 25203         | 4.94%           | 0.472%        |
| 21        | 11.246      | 3163          | 3174        | 3195         | rBV      | 261559         | 406437        | 79.68%          | 7.609%        |
| 22        | 11.619      | 3279          | 3290        | 3313         | rBV      | 234980         | 372574        | 73.04%          | 6.975%        |
| 23        | 12.249      | 3472          | 3486        | 3501         | rBV2     | 7243           | 12419         | 2.43%           | 0.233%        |
| 24        | 14.037      | 4030          | 4042        | 4052         | rVB      | 5621           | 8088          | 1.59%           | 0.151%        |
| 25        | 15.953      | 4613          | 4638        | 4643         | rBV      | 8930           | 25663         | 5.03%           | 0.480%        |
| 26        | 16.307      | 4739          | 4748        | 4755         | rBV4     | 8907           | 12950         | 2.54%           | 0.242%        |
| 27        | 16.702      | 4863          | 4871        | 4880         | rBV2     | 16606          | 23812         | 4.67%           | 0.446%        |

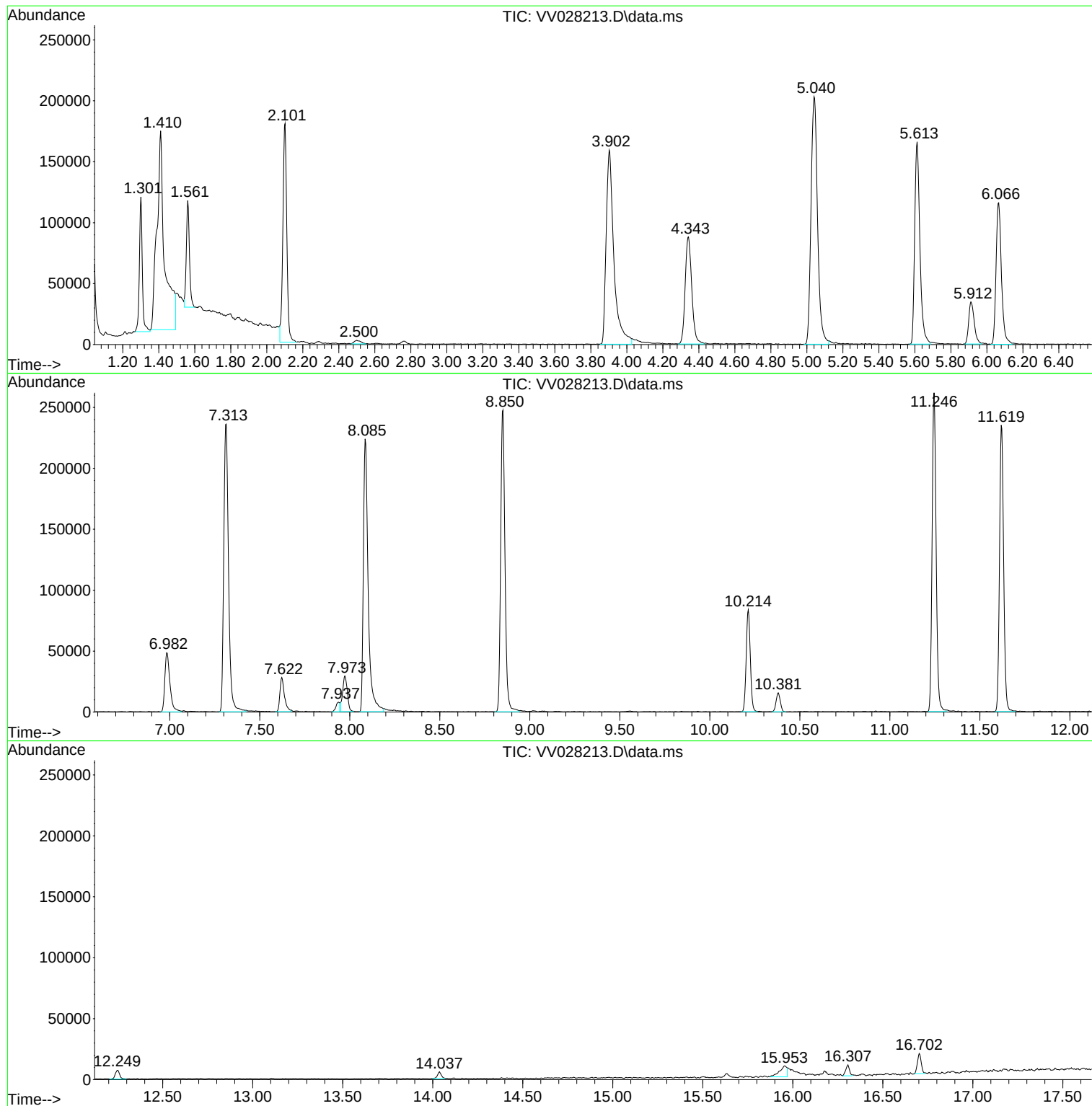
Sum of corrected areas: 5341197

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Sample : N4870-12  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H65

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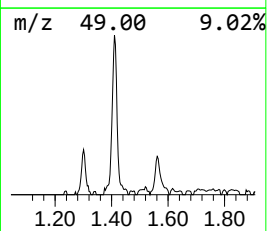
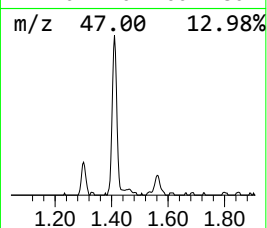
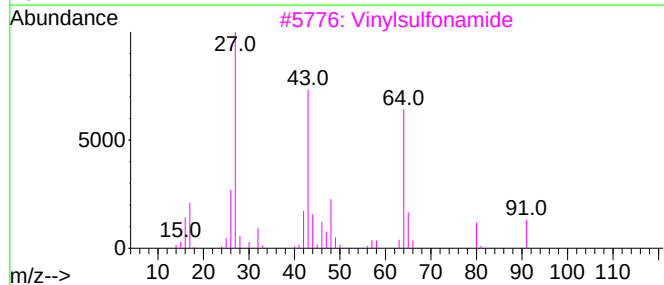
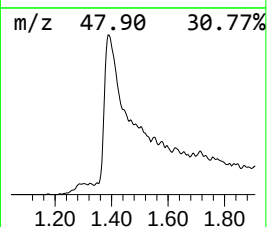
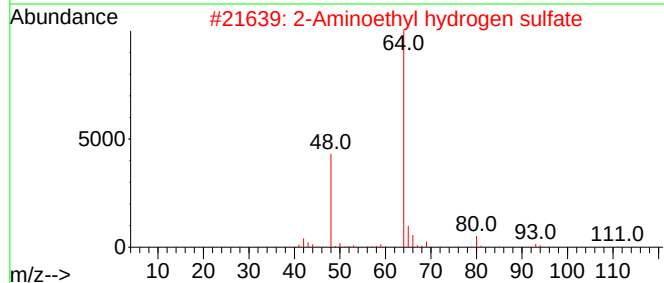
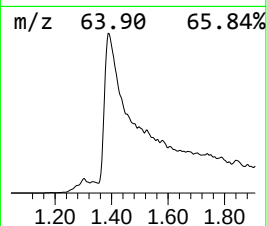
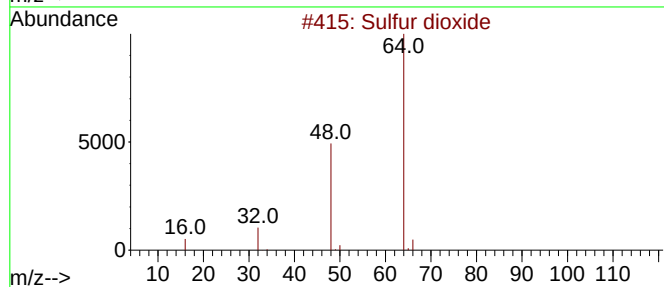
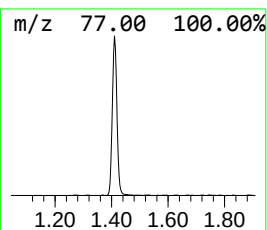
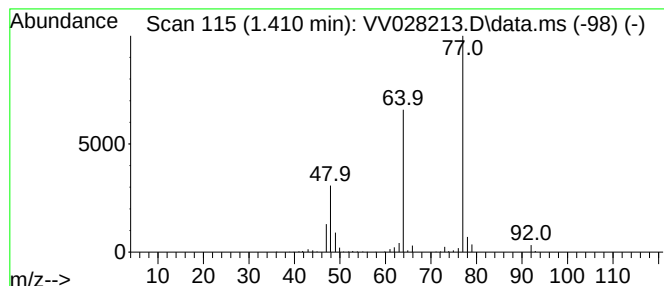
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.410 | 7.36 ug/L | 490931 | 1,4-Difluorobenzene | 5.613 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide                | 64  | O2S      | 007446-09-5 | 49   |
| 2    |    |   | 2-Aminoethyl hydrogen sulfate | 141 | C2H7N04S | 000926-39-6 | 38   |
| 3    |    |   | Vinylsulfonamide              | 107 | C2H5N02S | 002386-58-5 | 33   |
| 4    |    |   | Aminomethanesulfonic acid     | 111 | CH5N03S  | 013881-91-9 | 28   |
| 5    |    |   | Aminomethanesulfonic acid     | 111 | CH5N03S  | 013881-91-9 | 28   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 1.410 | 7.4     | ug/L  | 490931   | 1                     | 5.613 | 333604 | 5.0  |