

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093022\  
 Data File : VV028238.D  
 Acq On : 30 Sep 2022 19:53  
 Operator : SY/MD  
 Sample : N4873-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXZ56

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: VV028238.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       | 74            | 81          | 98           | rVB      | 103372         | 104736        | 17.60%          | 2.082%        |
| 2         | 1.474       | 114           | 135         | 137          | rBV      | 16090          | 49007         | 8.23%           | 0.974%        |
| 3         | 1.561       | 156           | 162         | 177          | rVB      | 90870          | 107044        | 17.98%          | 2.128%        |
| 4         | 2.098       | 320           | 329         | 346          | rVB      | 192907         | 284479        | 47.79%          | 5.656%        |
| 5         | 2.503       | 446           | 455         | 469          | rVB5     | 4053           | 8003          | 1.34%           | 0.159%        |
| 6         | 3.896       | 877           | 888         | 937          | rBV2     | 47552          | 211236        | 35.49%          | 4.200%        |
| 7         | 4.346       | 1007          | 1028        | 1060         | rBV4     | 126773         | 424636        | 71.34%          | 8.443%        |
| 8         | 5.040       | 1228          | 1244        | 1275         | rBV2     | 235092         | 595212        | 100.00%         | 11.835%       |
| 9         | 5.613       | 1410          | 1422        | 1448         | rBV      | 151218         | 315195        | 52.96%          | 6.267%        |
| 10        | 6.063       | 1548          | 1562        | 1589         | rBV      | 133244         | 278265        | 46.75%          | 5.533%        |
| 11        | 6.985       | 1838          | 1849        | 1872         | rBV2     | 56548          | 107841        | 18.12%          | 2.144%        |
| 12        | 7.313       | 1938          | 1951        | 1967         | rBV      | 273547         | 485177        | 81.51%          | 9.647%        |
| 13        | 7.391       | 1968          | 1975        | 1993         | rVB2     | 15005          | 29560         | 4.97%           | 0.588%        |
| 14        | 7.622       | 2036          | 2047        | 2067         | rBV2     | 31929          | 60200         | 10.11%          | 1.197%        |
| 15        | 7.934       | 2132          | 2144        | 2154         | rBV3     | 14297          | 25809         | 4.34%           | 0.513%        |
| 16        | 8.085       | 2181          | 2191        | 2217         | rBV      | 256107         | 491029        | 82.50%          | 9.763%        |
| 17        | 8.847       | 2418          | 2428        | 2452         | rBV      | 238066         | 401745        | 67.50%          | 7.988%        |
| 18        | 10.214      | 2842          | 2853        | 2870         | rBV      | 96195          | 156948        | 26.37%          | 3.121%        |
| 19        | 10.381      | 2893          | 2905        | 2920         | rBV      | 38223          | 61636         | 10.36%          | 1.226%        |
| 20        | 11.246      | 3163          | 3174        | 3197         | rBV      | 233509         | 361382        | 60.71%          | 7.185%        |
| 21        | 11.622      | 3278          | 3291        | 3309         | rBV      | 255526         | 413095        | 69.40%          | 8.214%        |
| 22        | 12.246      | 3474          | 3485        | 3496         | rBV2     | 17468          | 27866         | 4.68%           | 0.554%        |
| 23        | 12.342      | 3503          | 3515        | 3526         | rBV6     | 14971          | 23118         | 3.88%           | 0.460%        |
| 24        | 13.432      | 3844          | 3854        | 3862         | rBV7     | 4957           | 6146          | 1.03%           | 0.122%        |

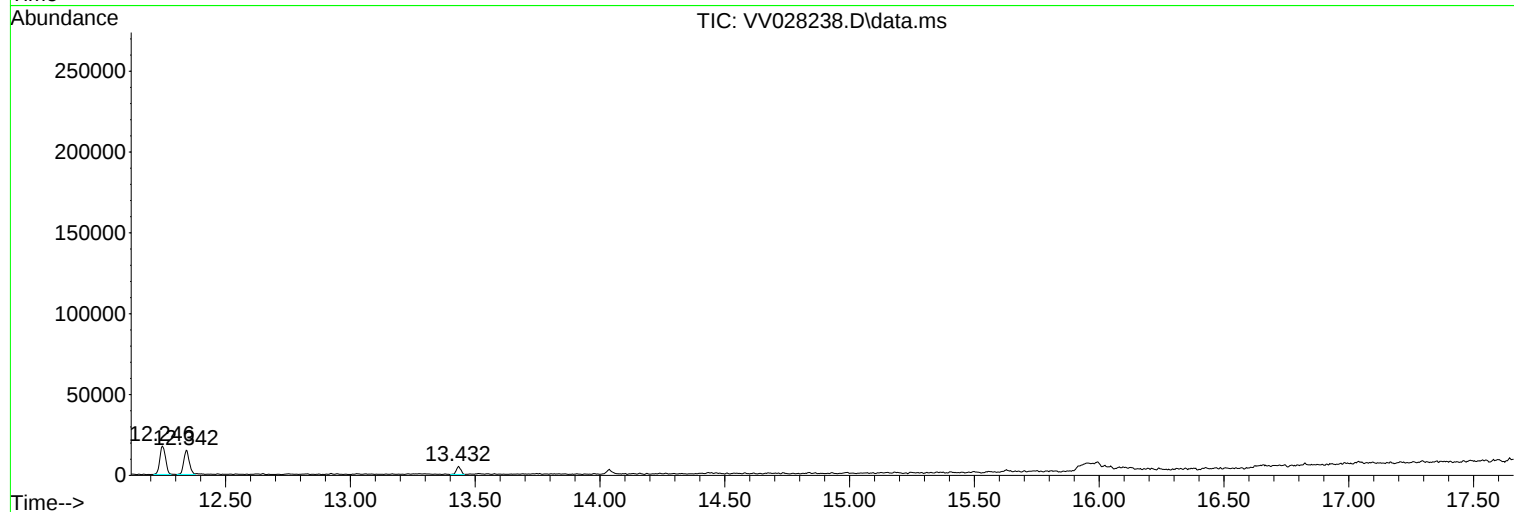
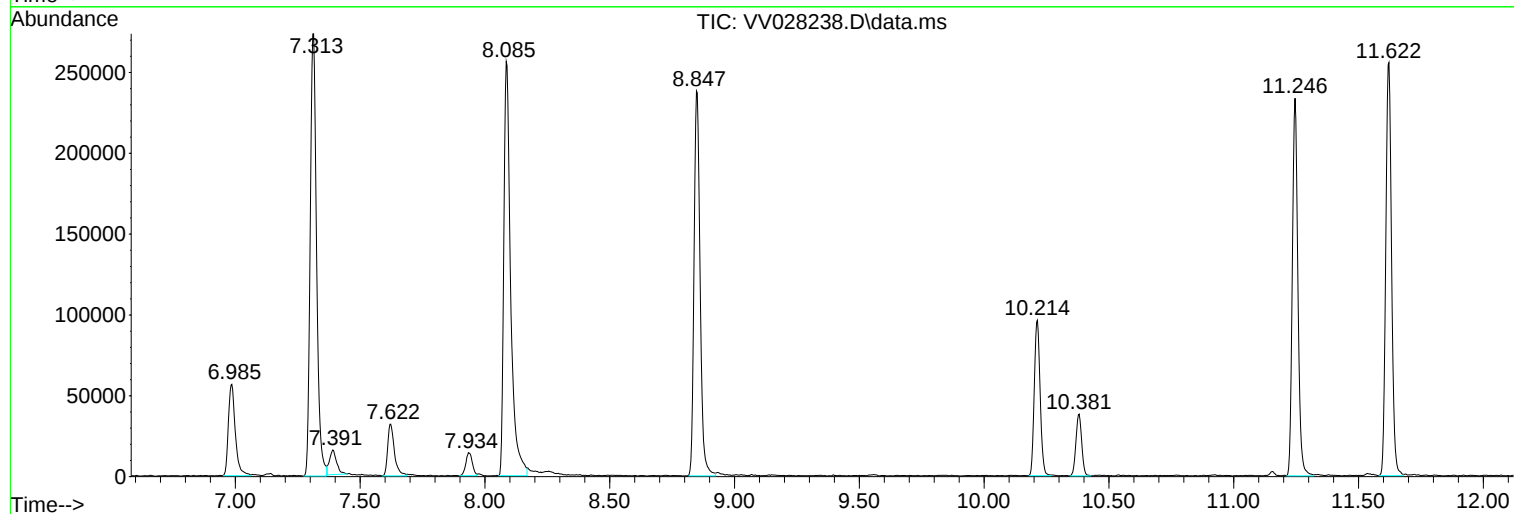
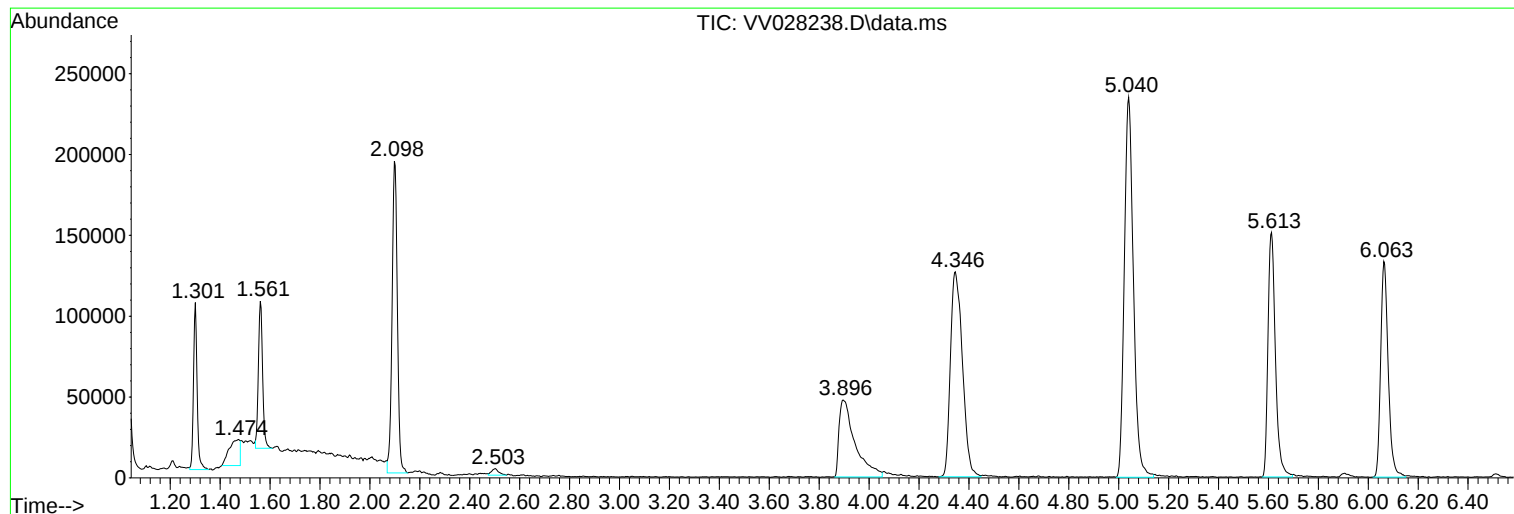
Sum of corrected areas: 5029365

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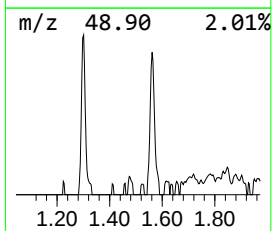
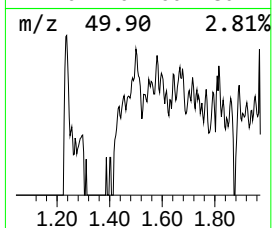
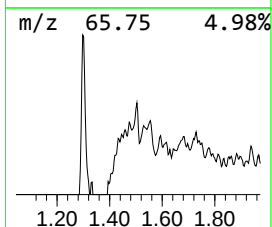
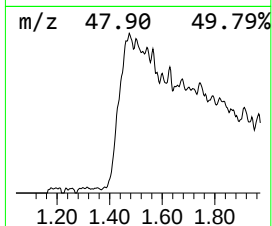
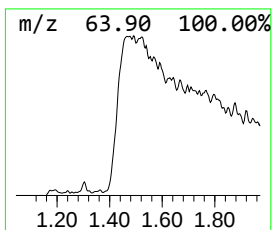
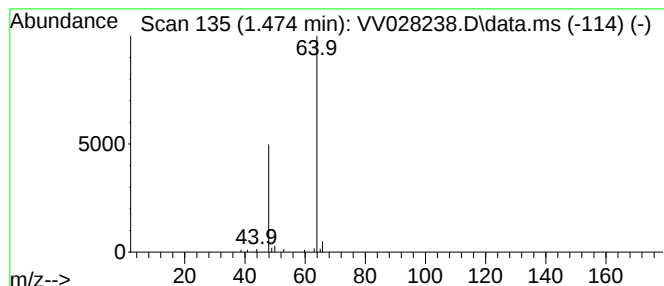
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.474 | 0.78 ug/L | 49007 | 1,4-Difluorobenzene | 5.613 |

| 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    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 5    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.474 | 0.8     | ug/L  | 49007    | 1                     | 5.613 | 315195 | 5.0  |