

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111822\  
 Data File : VV029116.D  
 Acq On : 18 Nov 2022 14:22  
 Operator : SY/MD  
 Sample : N5687-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGCD6

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\SFAMVTR111122WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV029116.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         | 1.243       | 57            | 63          | 67           | rBV      | 10534          | 12609         | 1.39%           | 0.160%        |
| 2         | 1.307       | 76            | 83          | 102          | rVB      | 106692         | 122420        | 13.49%          | 1.549%        |
| 3         | 1.442       | 111           | 125         | 138          | rBV2     | 36820          | 141591        | 15.60%          | 1.792%        |
| 4         | 1.568       | 157           | 164         | 180          | rVB      | 108362         | 129941        | 14.32%          | 1.644%        |
| 5         | 2.108       | 322           | 332         | 350          | rVB      | 211499         | 327065        | 36.04%          | 4.139%        |
| 6         | 3.185       | 654           | 667         | 688          | rBV      | 37445          | 82967         | 9.14%           | 1.050%        |
| 7         | 3.909       | 879           | 892         | 923          | rBV2     | 135765         | 417498        | 46.01%          | 5.283%        |
| 8         | 4.343       | 1013          | 1027        | 1058         | rVB      | 152525         | 397410        | 43.80%          | 5.029%        |
| 9         | 4.603       | 1094          | 1108        | 1127         | rVB3     | 15377          | 38107         | 4.20%           | 0.482%        |
| 10        | 5.044       | 1229          | 1245        | 1273         | rBV3     | 356993         | 907430        | 100.00%         | 11.483%       |
| 11        | 5.613       | 1408          | 1422        | 1460         | rBV      | 300795         | 638310        | 70.34%          | 8.078%        |
| 12        | 6.066       | 1550          | 1563        | 1595         | rBV      | 201149         | 435906        | 48.04%          | 5.516%        |
| 13        | 6.986       | 1837          | 1849        | 1871         | rBV      | 89130          | 175490        | 19.34%          | 2.221%        |
| 14        | 7.310       | 1937          | 1950        | 1972         | rBV      | 427826         | 781908        | 86.17%          | 9.895%        |
| 15        | 7.622       | 2036          | 2047        | 2066         | rBV      | 47296          | 91831         | 10.12%          | 1.162%        |
| 16        | 7.934       | 2132          | 2144        | 2156         | rBV4     | 9558           | 17774         | 1.96%           | 0.225%        |
| 17        | 8.092       | 2183          | 2193        | 2248         | rBV3     | 256460         | 853573        | 94.06%          | 10.802%       |
| 18        | 8.847       | 2416          | 2428        | 2453         | rBV      | 435302         | 746374        | 82.25%          | 9.445%        |
| 19        | 10.207      | 2838          | 2851        | 2873         | rBV      | 150278         | 254573        | 28.05%          | 3.222%        |
| 20        | 10.378      | 2893          | 2904        | 2916         | rVB2     | 27934          | 45820         | 5.05%           | 0.580%        |
| 21        | 11.243      | 3161          | 3173        | 3199         | rBV      | 393651         | 644878        | 71.07%          | 8.161%        |
| 22        | 11.616      | 3275          | 3289        | 3311         | rBV      | 385937         | 638567        | 70.37%          | 8.081%        |

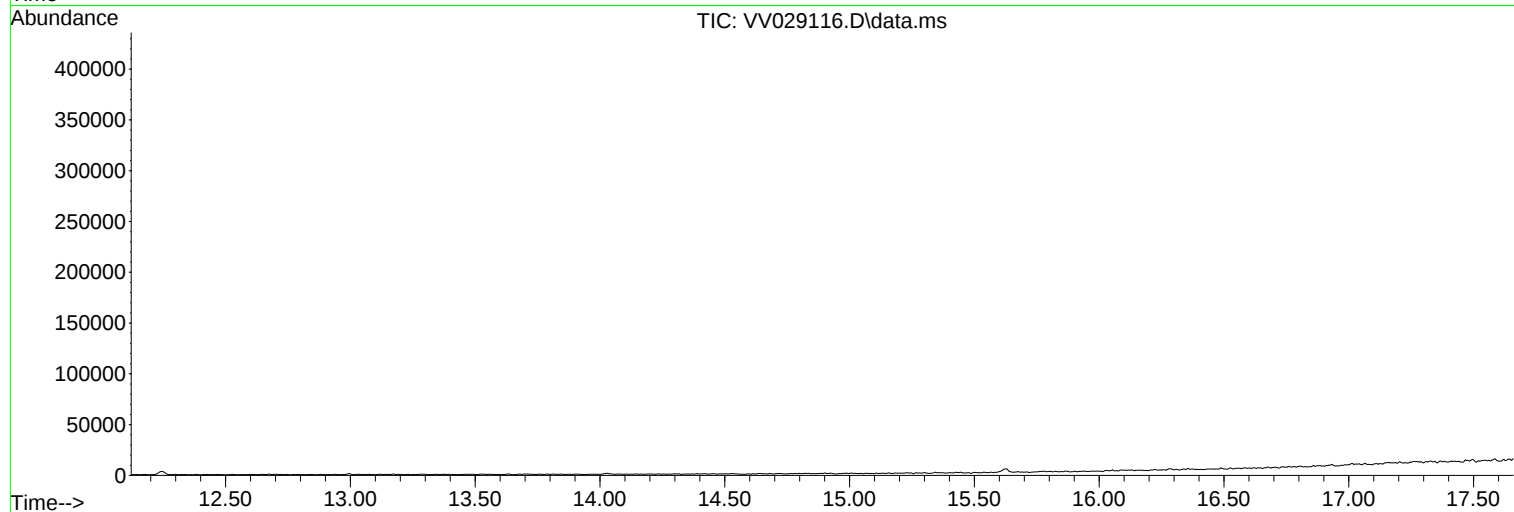
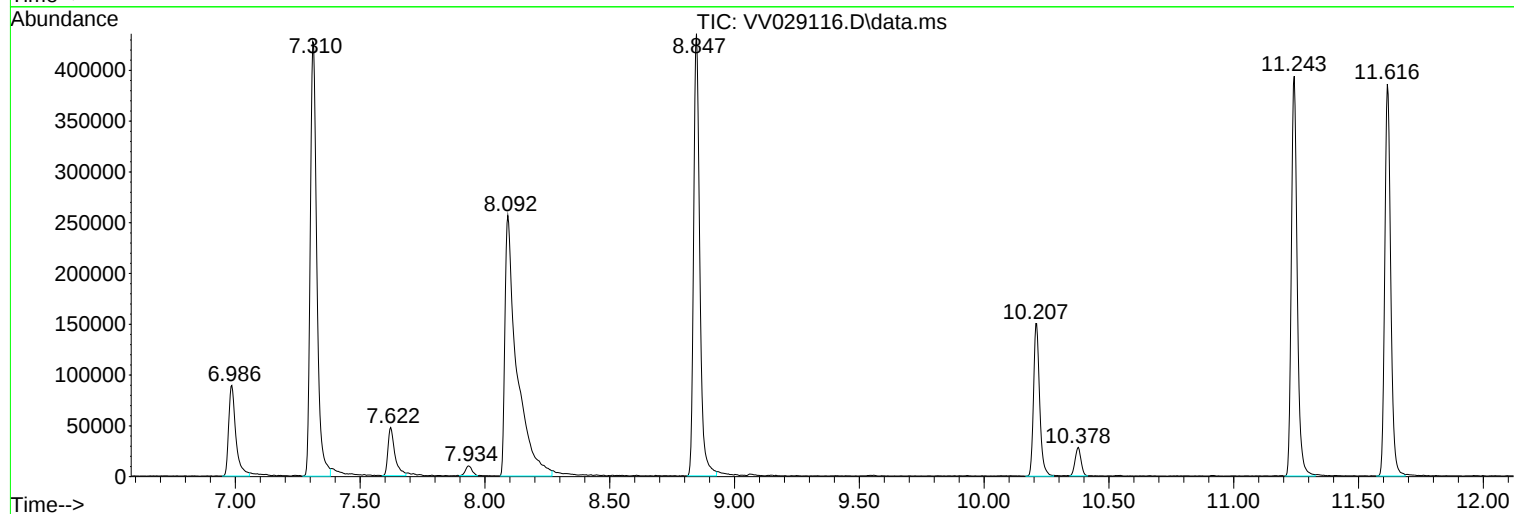
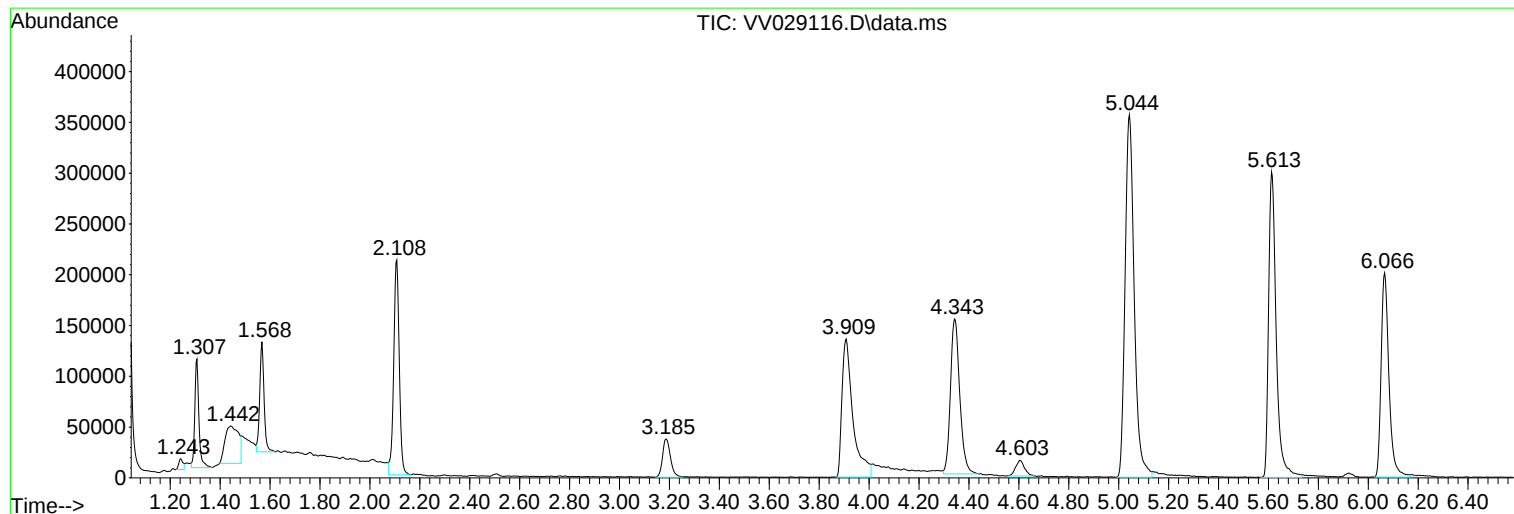
Sum of corrected areas: 7902042

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MSVOA\_V  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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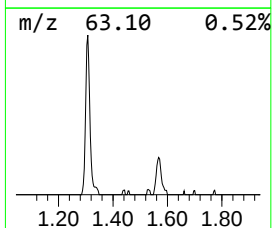
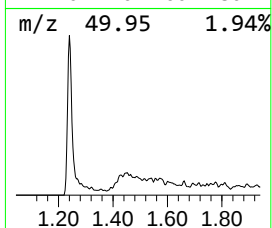
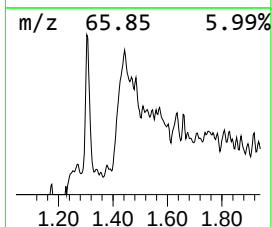
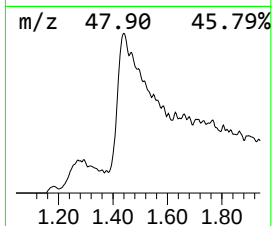
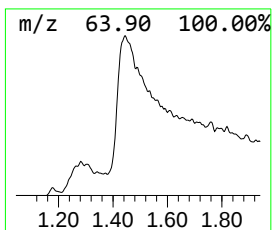
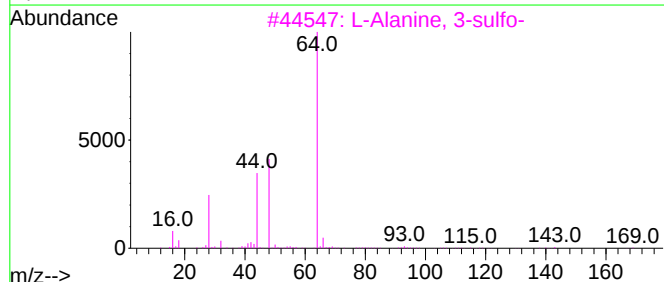
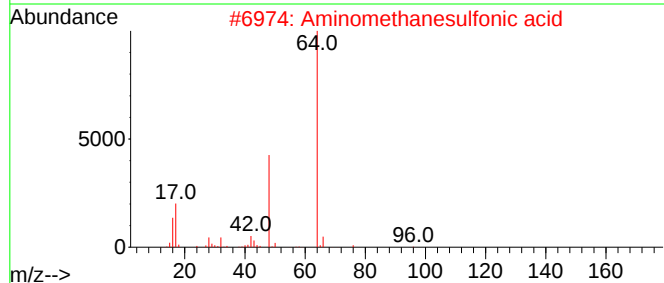
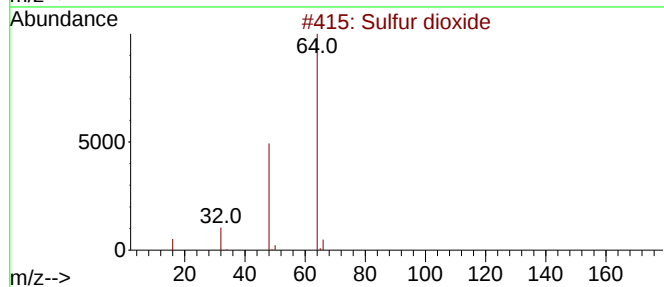
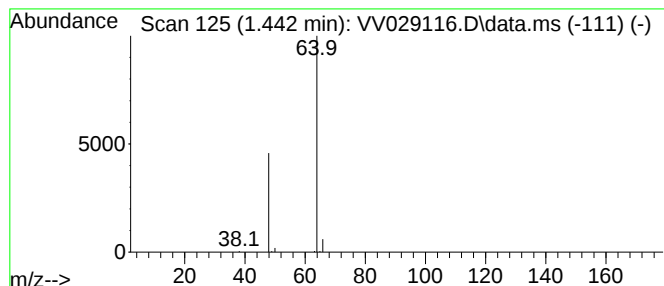
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.442 | 1.11 ug/L | 141591 | 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 | 64   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 4    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.442 | 1.1     | ug/L  | 141591   | 1                     | 5.613 | 638310 | 5.0  |