

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111422\  
 Data File : VV028968.D  
 Acq On : 15 Nov 2022 03:48  
 Operator : SY/MD  
 Sample : N5604-18  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46C7

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: VV028968.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       | 11            | 20          | 36           | rBV      | 197786         | 365128        | 14.55%          | 3.462%        |
| 2         | 1.221       | 46            | 56          | 75           | rBV      | 905538         | 2509501       | 100.00%         | 23.797%       |
| 3         | 1.311       | 78            | 84          | 93           | rVV2     | 657576         | 774761        | 30.87%          | 7.347%        |
| 4         | 1.568       | 159           | 164         | 184          | rVB      | 110357         | 163928        | 6.53%           | 1.554%        |
| 5         | 2.108       | 323           | 332         | 369          | rVB2     | 180101         | 336572        | 13.41%          | 3.192%        |
| 6         | 2.761       | 526           | 535         | 549          | rVB2     | 17433          | 32123         | 1.28%           | 0.305%        |
| 7         | 3.905       | 878           | 891         | 927          | rBV3     | 184171         | 549259        | 21.89%          | 5.208%        |
| 8         | 4.343       | 1009          | 1027        | 1053         | rBV      | 136180         | 345536        | 13.77%          | 3.277%        |
| 9         | 5.043       | 1229          | 1245        | 1281         | rBV2     | 310798         | 804291        | 32.05%          | 7.627%        |
| 10        | 5.613       | 1411          | 1422        | 1458         | rBV      | 294454         | 608888        | 24.26%          | 5.774%        |
| 11        | 6.066       | 1550          | 1563        | 1595         | rBV      | 176855         | 368695        | 14.69%          | 3.496%        |
| 12        | 6.986       | 1838          | 1849        | 1870         | rBV2     | 58832          | 117912        | 4.70%           | 1.118%        |
| 13        | 7.310       | 1939          | 1950        | 1970         | rBV      | 373158         | 674246        | 26.87%          | 6.394%        |
| 14        | 7.622       | 2038          | 2047        | 2073         | rBV      | 30566          | 59160         | 2.36%           | 0.561%        |
| 15        | 8.088       | 2182          | 2192        | 2235         | rBV      | 270566         | 638897        | 25.46%          | 6.058%        |
| 16        | 8.847       | 2417          | 2428        | 2463         | rBV      | 431204         | 722091        | 28.77%          | 6.847%        |
| 17        | 10.210      | 2841          | 2852        | 2871         | rBV      | 122865         | 201306        | 8.02%           | 1.909%        |
| 18        | 11.239      | 3161          | 3172        | 3196         | rBV      | 419765         | 686758        | 27.37%          | 6.512%        |
| 19        | 11.616      | 3275          | 3289        | 3308         | rBV      | 363150         | 586536        | 23.37%          | 5.562%        |

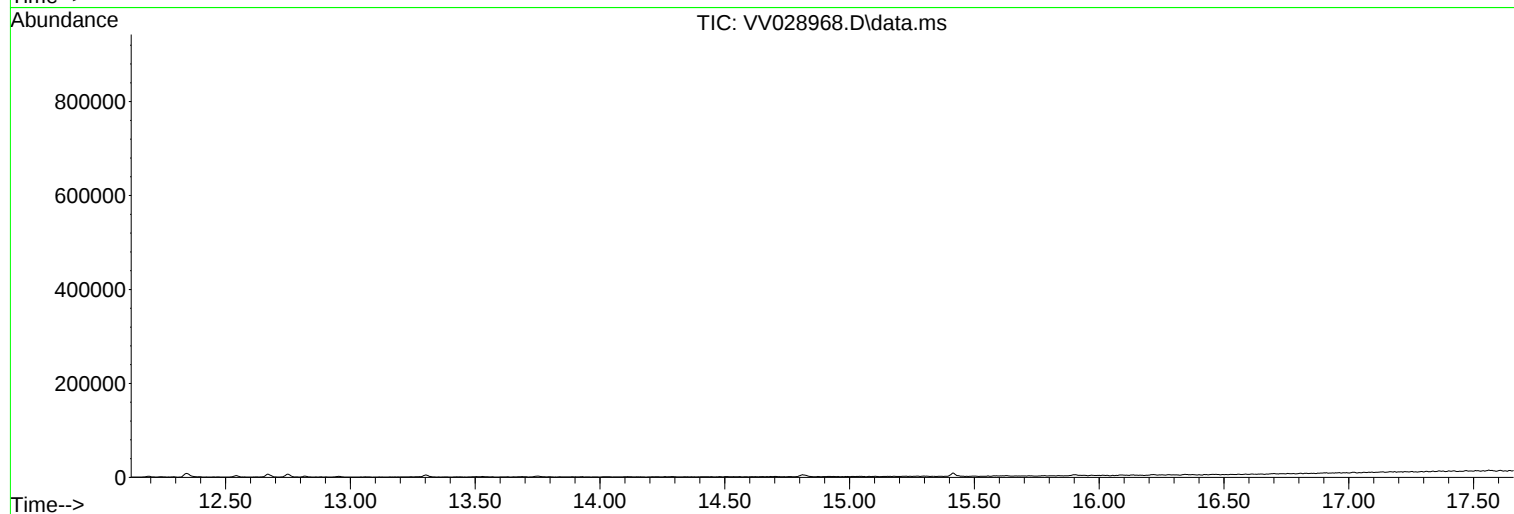
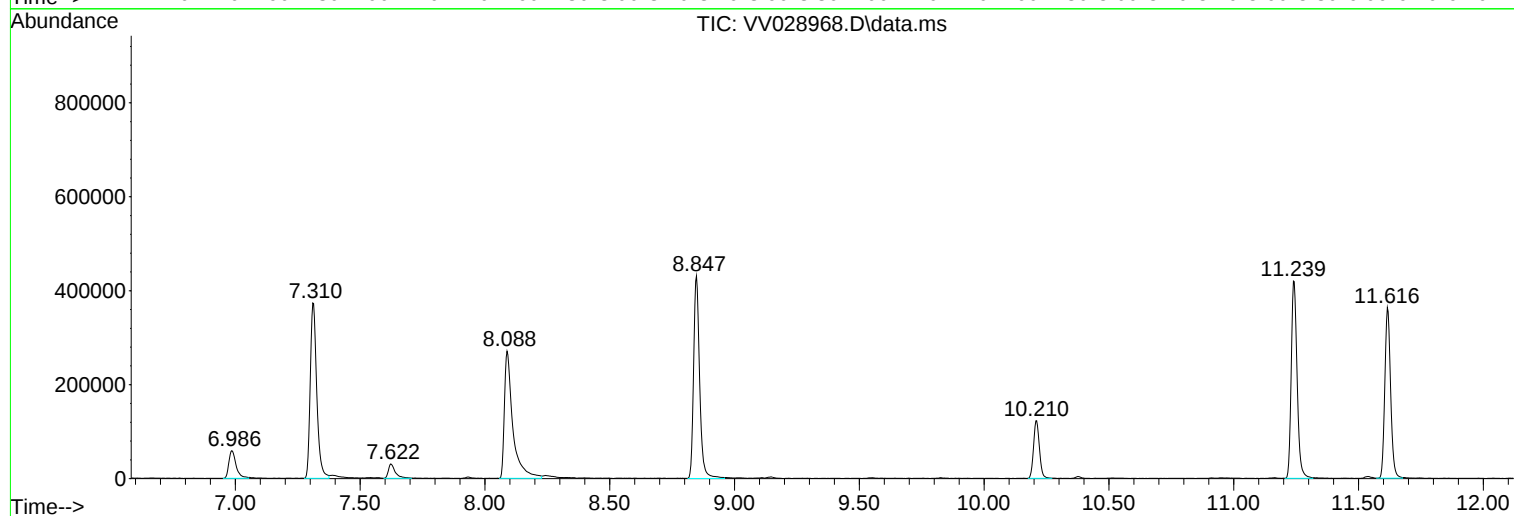
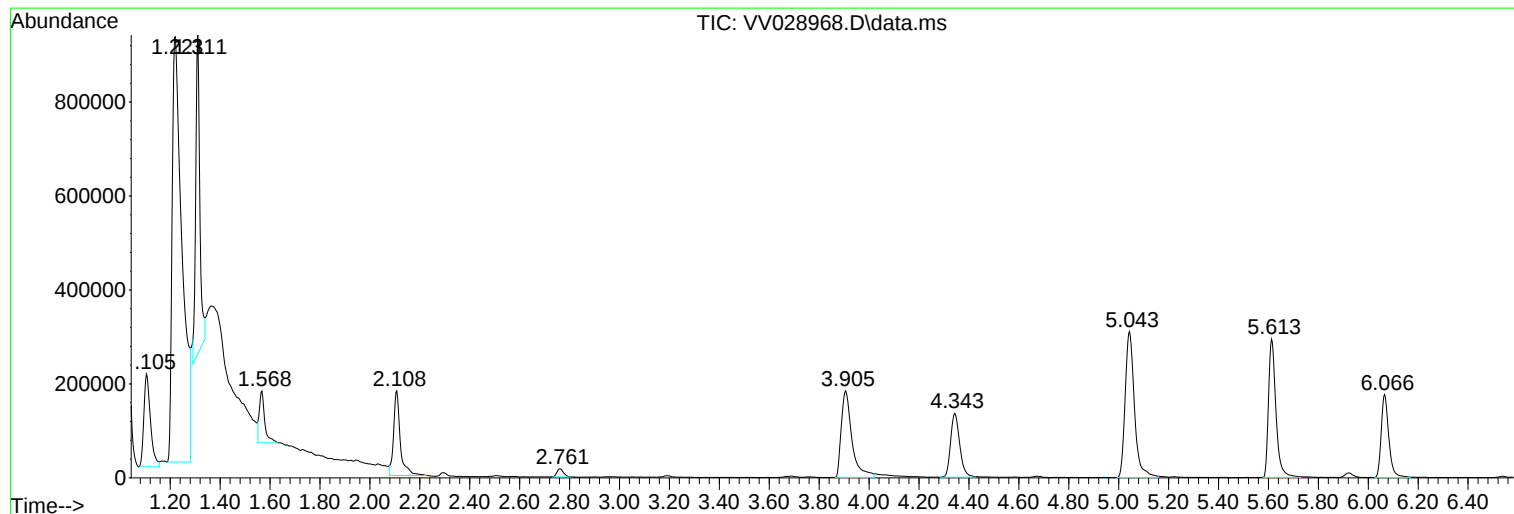
Sum of corrected areas: 10545588

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Instrument :  
MSVOA\_V  
ClientSampleId :  
H46C7

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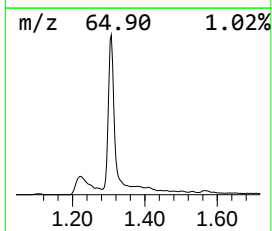
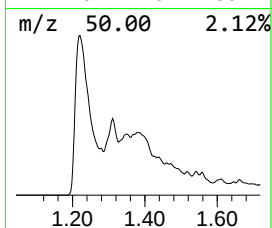
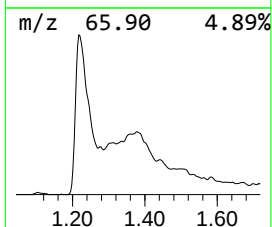
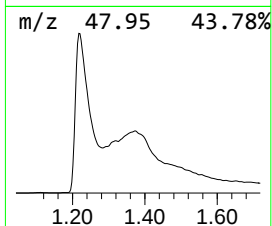
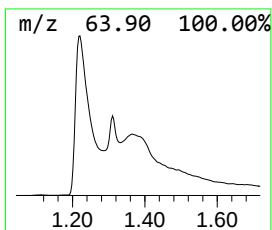
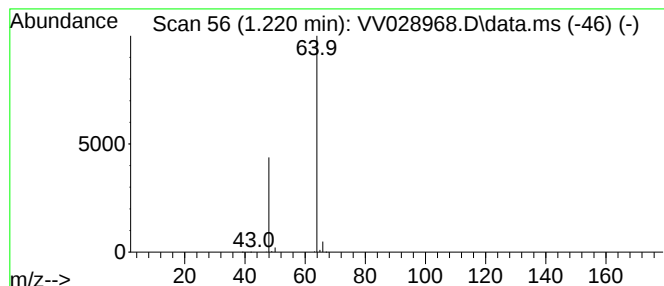
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 1.220 | 20.61 ug/L | 2509500 | 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    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 5    |
| 5    |    |   | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.220 | 20.6    | ug/L  | 2509500  | 1                     | 5.613 | 608888 | 5.0  |