

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV011224\  
 Data File : VV033617.D  
 Acq On : 13 Jan 2024 00:16  
 Operator : SY/MD  
 Sample : P1121-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8L2

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\SFAMVTR011224WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV033617.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         | 1.172       | 35            | 41          | 65           | rVB      | 93791          | 116721        | 1.04%           | 0.709%        |
| 2         | 1.288       | 66            | 77          | 104          | rBV3     | 165716         | 486511        | 4.33%           | 2.957%        |
| 3         | 1.986       | 286           | 294         | 309          | rVV      | 128799         | 192481        | 1.71%           | 1.170%        |
| 4         | 2.069       | 309           | 320         | 344          | rVB2     | 397359         | 645508        | 5.74%           | 3.923%        |
| 5         | 3.812       | 847           | 862         | 896          | rBV2     | 423687         | 1091579       | 9.71%           | 6.634%        |
| 6         | 4.253       | 984           | 999         | 1023         | rBV      | 61038          | 159589        | 1.42%           | 0.970%        |
| 7         | 4.960       | 1203          | 1219        | 1246         | rBV2     | 142198         | 369697        | 3.29%           | 2.247%        |
| 8         | 5.535       | 1388          | 1398        | 1428         | rBV      | 134672         | 284402        | 2.53%           | 1.728%        |
| 9         | 5.831       | 1474          | 1490        | 1525         | rBV      | 5828920        | 11243808      | 100.00%         | 68.334%       |
| 10        | 5.992       | 1530          | 1540        | 1565         | rVB      | 85201          | 195990        | 1.74%           | 1.191%        |
| 11        | 7.246       | 1919          | 1930        | 1952         | rBV      | 164362         | 299646        | 2.66%           | 1.821%        |
| 12        | 8.027       | 2161          | 2173        | 2222         | rBV      | 184354         | 381522        | 3.39%           | 2.319%        |
| 13        | 8.786       | 2399          | 2409        | 2436         | rBV      | 205684         | 341719        | 3.04%           | 2.077%        |
| 14        | 11.188      | 3145          | 3156        | 3182         | rVB      | 221322         | 362447        | 3.22%           | 2.203%        |
| 15        | 11.561      | 3262          | 3272        | 3295         | rVB      | 175112         | 282678        | 2.51%           | 1.718%        |

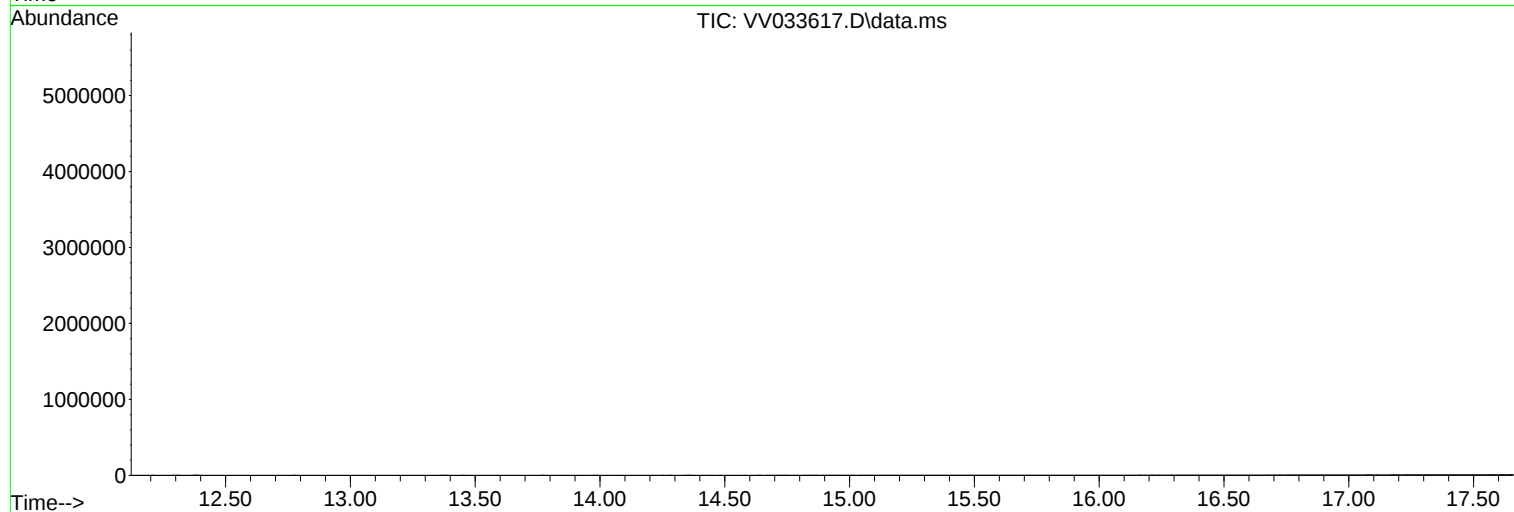
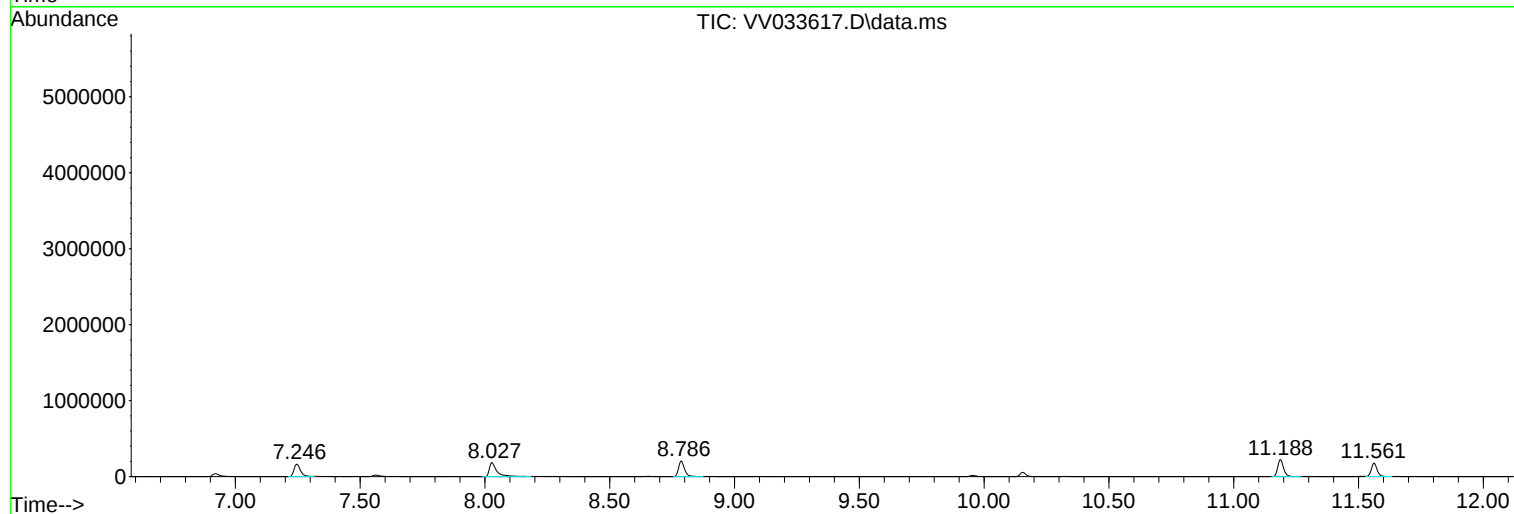
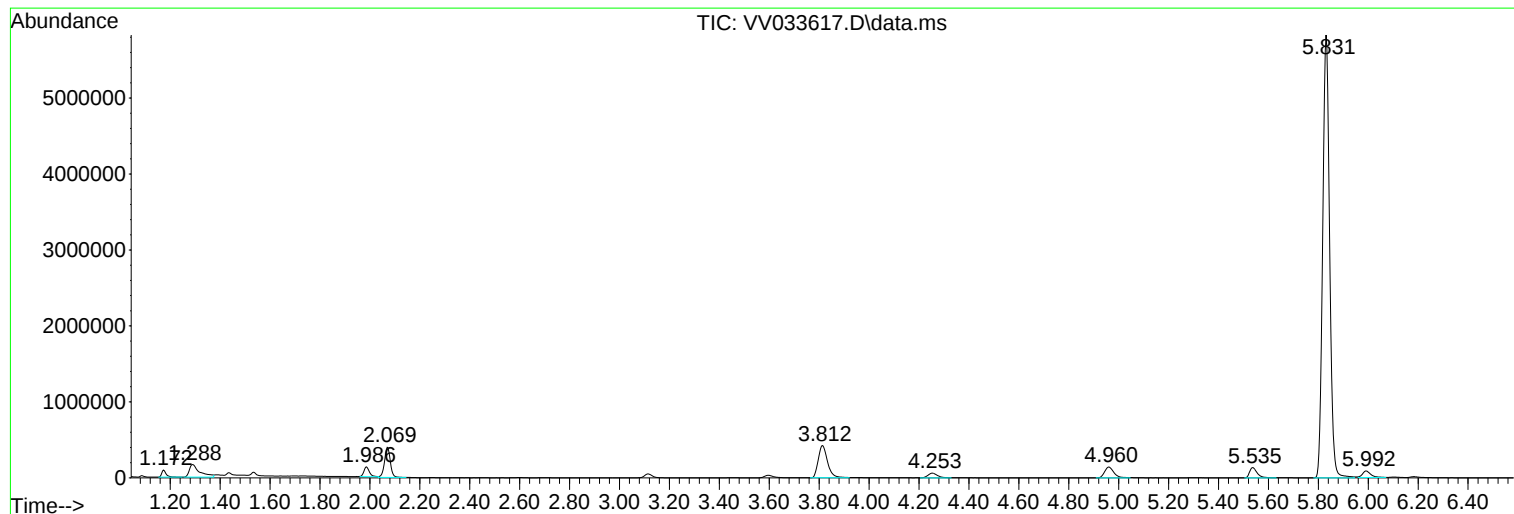
Sum of corrected areas: 16454298

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Instrument :  
MSVOA\_V  
ClientSampleId :  
BH8L2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :  
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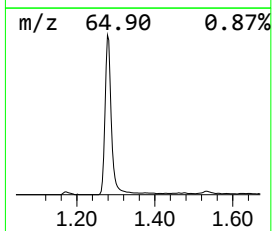
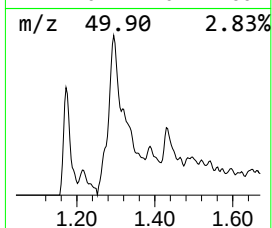
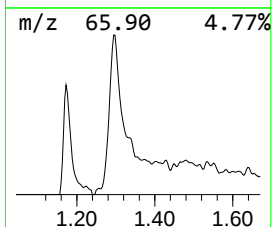
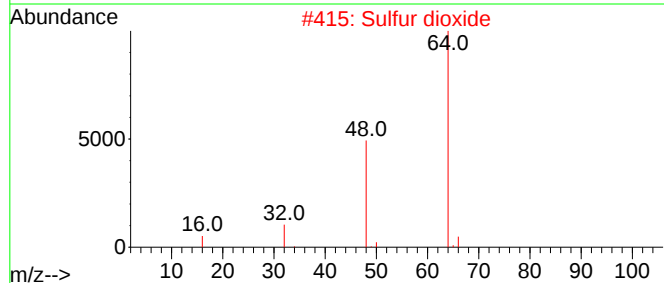
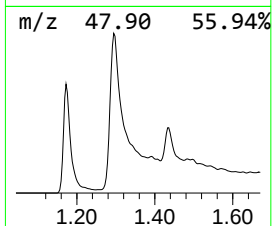
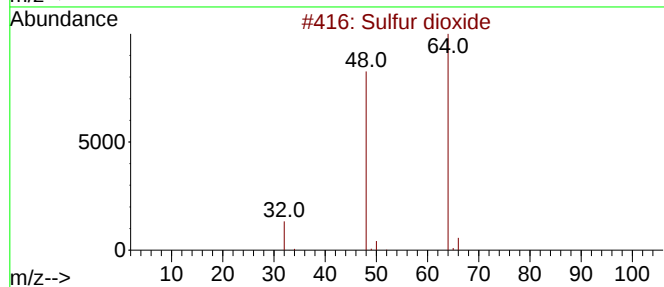
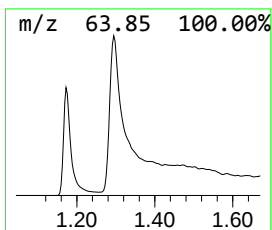
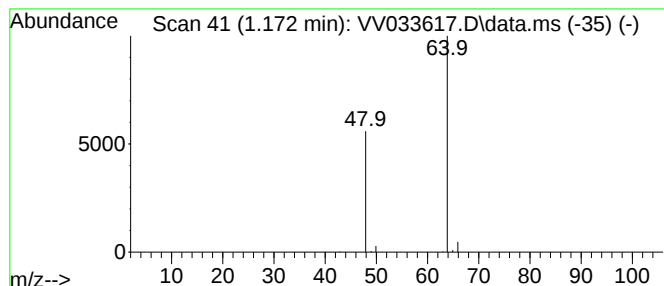
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.172 | 2.05 ug/L | 116721 | 1,4-Difluorobenzene | 5.539 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 3    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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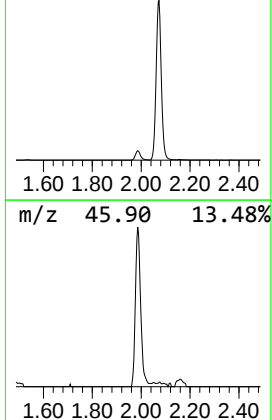
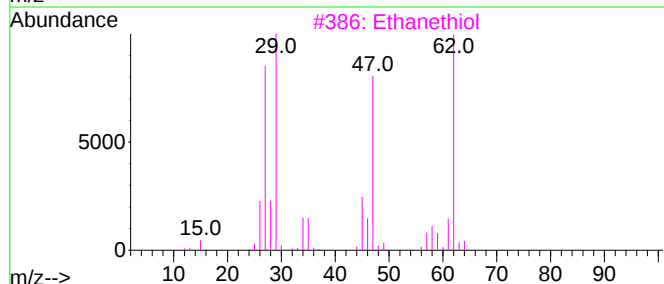
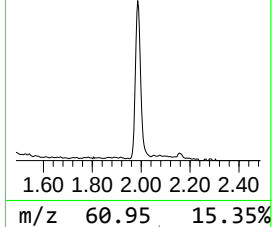
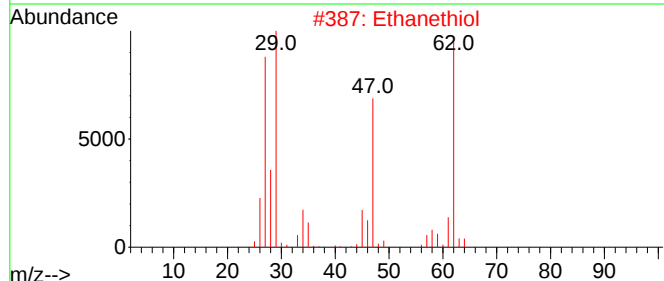
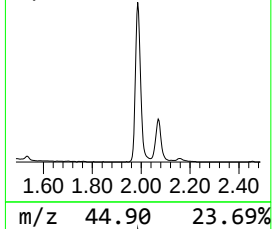
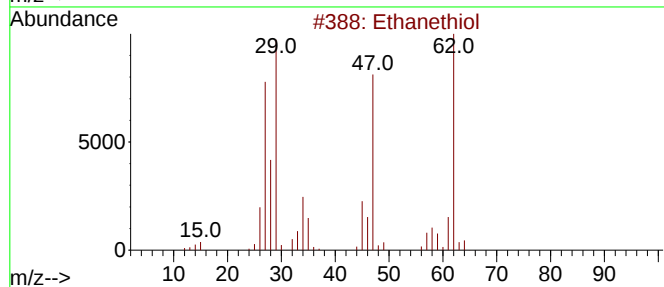
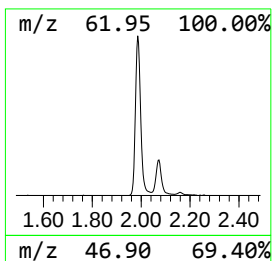
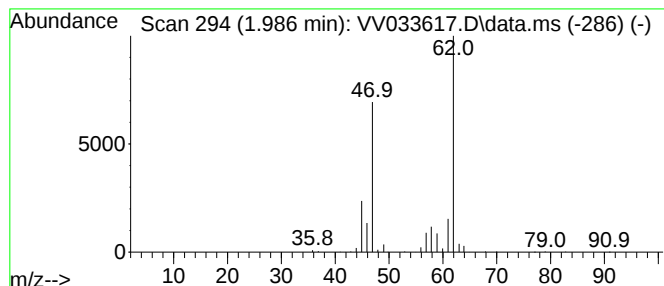
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

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Peak Number 2 Ethanethiol Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 1.986 | 3.38 ug/L | 192481 | 1,4-Difluorobenzene | 5.539 |

| Hit# | of          | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|-------------|---|--------------|----|---------|-------------|------|
| 1    | Ethanethiol |   |              | 62 | C2H6S   | 000075-08-1 | 91   |
| 2    | Ethanethiol |   |              | 62 | C2H6S   | 000075-08-1 | 91   |
| 3    | Ethanethiol |   |              | 62 | C2H6S   | 000075-08-1 | 91   |
| 4    | Ethanethiol |   |              | 62 | C2H6S   | 000075-08-1 | 90   |
| 5    | Ethanethiol |   |              | 62 | C2H6S   | 000075-08-1 | 83   |



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR011224WMA.M  
Quant Title : TRACE VOA SFAM1.0

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.172 | 2.0     | ug/L  | 116721   | 1                     | 5.539 | 284402 | 5.0  |
| Ethanethiol      | 1.986 | 3.4     | ug/L  | 192481   | 1                     | 5.539 | 284402 | 5.0  |