

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV091824\  
 Data File : VV037348.D  
 Acq On : 18 Sep 2024 21:54  
 Operator : SY/MD  
 Sample : P3988-06 50X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH8R5

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\SFAMVTR091024WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV037348.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         | 1.237       | 47            | 61          | 63           | rBV4     | 10512          | 21834         | 1.95%           | 0.227%        |
| 2         | 1.275       | 67            | 73          | 84           | rVB      | 163528         | 178802        | 15.93%          | 1.859%        |
| 3         | 1.365       | 89            | 101         | 126          | rBV2     | 35016          | 155799        | 13.88%          | 1.620%        |
| 4         | 1.529       | 145           | 152         | 162          | rBV      | 132049         | 152914        | 13.63%          | 1.590%        |
| 5         | 2.053       | 306           | 315         | 335          | rVB      | 272516         | 415336        | 37.01%          | 4.319%        |
| 6         | 3.812       | 848           | 862         | 909          | rBV3     | 131715         | 538419        | 47.98%          | 5.598%        |
| 7         | 4.243       | 981           | 996         | 1022         | rBV      | 174931         | 456850        | 40.71%          | 4.750%        |
| 8         | 4.950       | 1201          | 1216        | 1253         | rBV2     | 414015         | 1084198       | 96.61%          | 11.273%       |
| 9         | 5.529       | 1383          | 1396        | 1426         | rBV      | 339265         | 756846        | 67.44%          | 7.870%        |
| 10        | 5.986       | 1525          | 1538        | 1570         | rBV2     | 235498         | 520427        | 46.37%          | 5.411%        |
| 11        | 6.915       | 1815          | 1827        | 1859         | rBV      | 83243          | 188361        | 16.78%          | 1.959%        |
| 12        | 7.240       | 1916          | 1928        | 1959         | rBV      | 469370         | 891534        | 79.44%          | 9.270%        |
| 13        | 7.561       | 2019          | 2028        | 2049         | rBV2     | 44606          | 99553         | 8.87%           | 1.035%        |
| 14        | 8.027       | 2162          | 2173        | 2213         | rBV      | 480364         | 1122274       | 100.00%         | 11.669%       |
| 15        | 8.365       | 2272          | 2278        | 2292         | rVB10    | 7588           | 13653         | 1.22%           | 0.142%        |
| 16        | 8.780       | 2396          | 2407        | 2435         | rBV      | 554160         | 974276        | 86.81%          | 10.130%       |
| 17        | 10.149      | 2820          | 2833        | 2852         | rBV      | 188943         | 321824        | 28.68%          | 3.346%        |
| 18        | 11.182      | 3143          | 3154        | 3180         | rBV      | 540372         | 919660        | 81.95%          | 9.563%        |
| 19        | 11.554      | 3259          | 3270        | 3304         | rBV      | 476215         | 804707        | 71.70%          | 8.367%        |

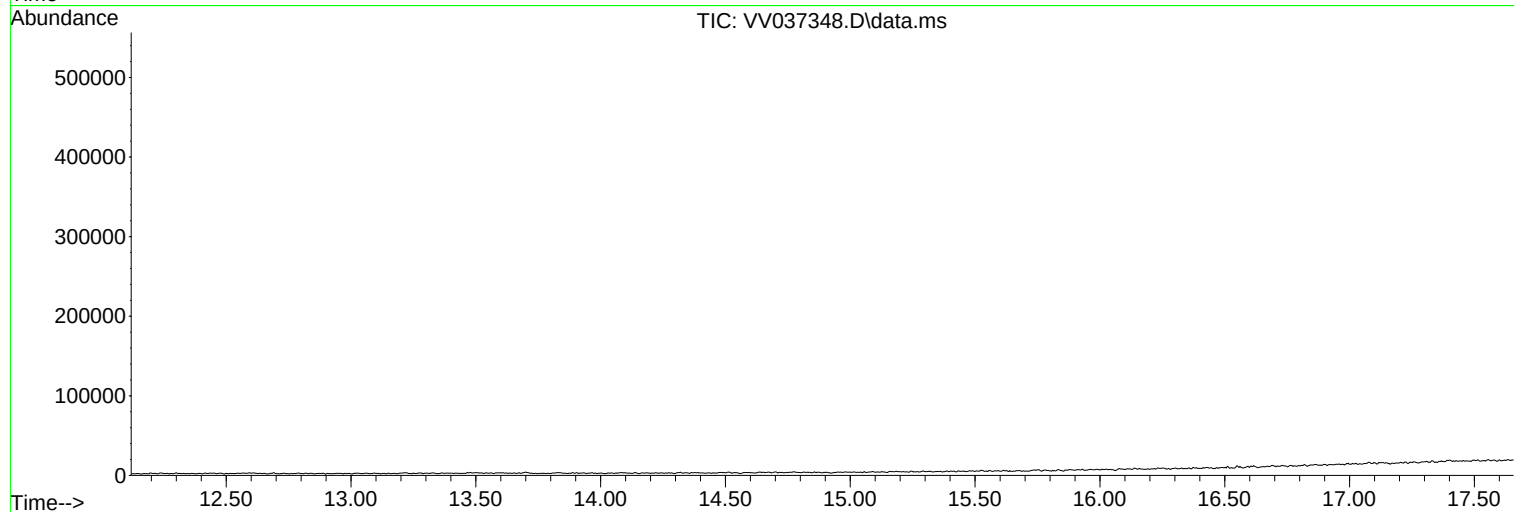
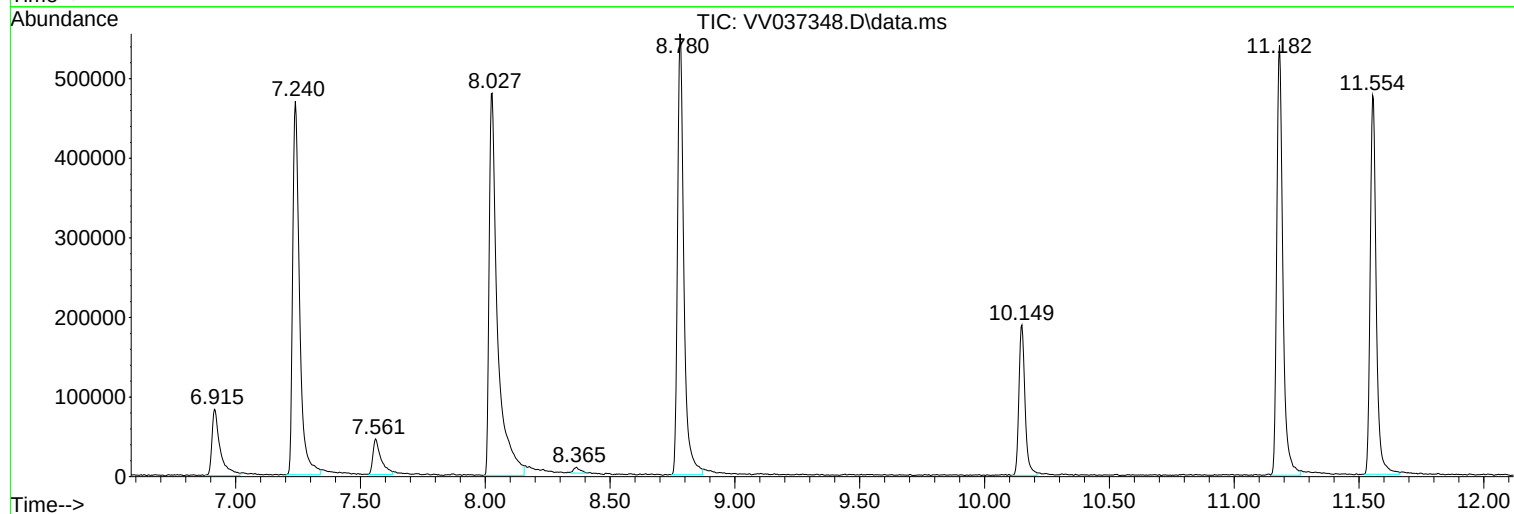
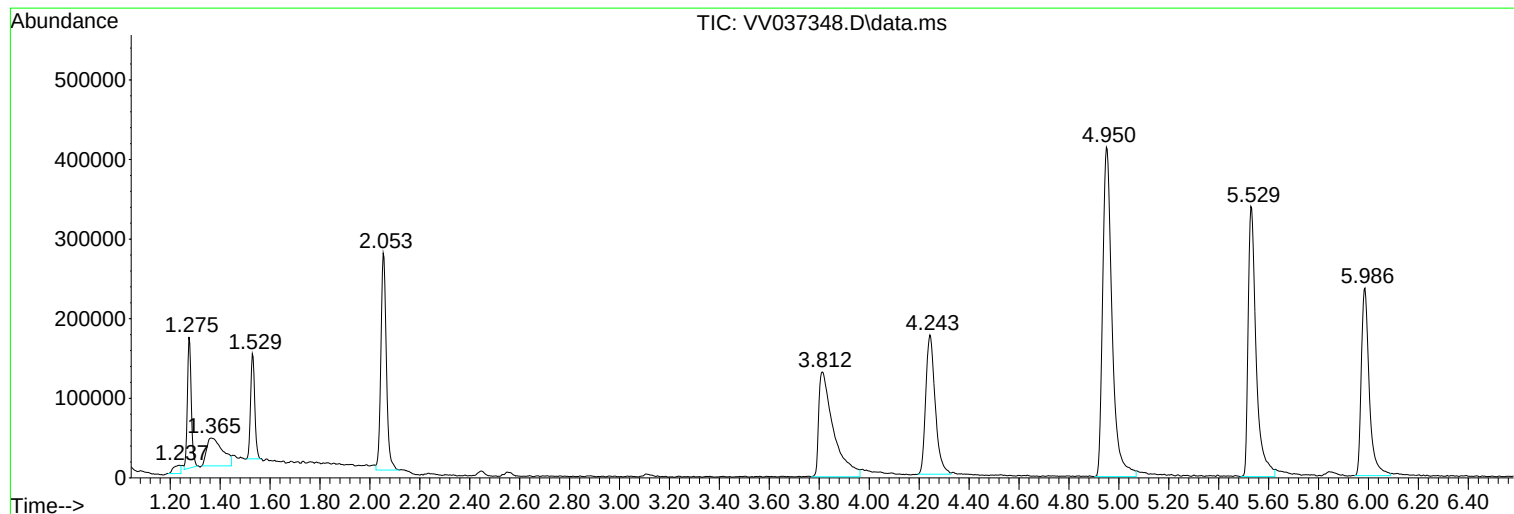
Sum of corrected areas: 9617267

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MSVOA\_V  
ClientSampleId :  
BH8R5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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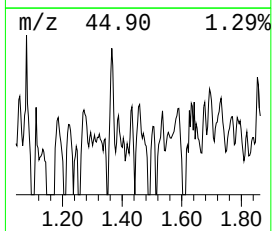
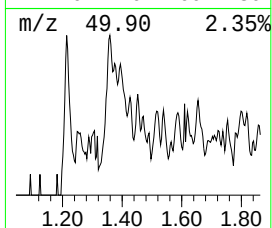
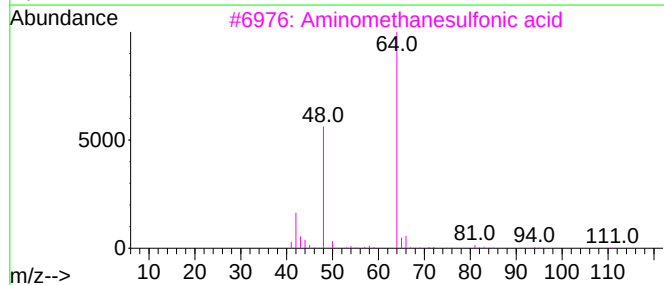
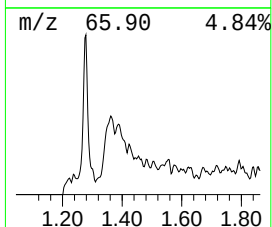
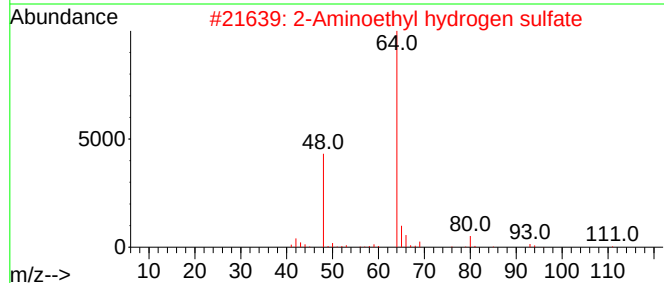
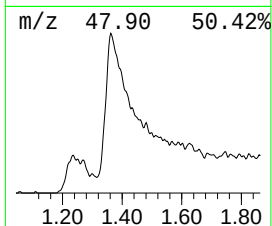
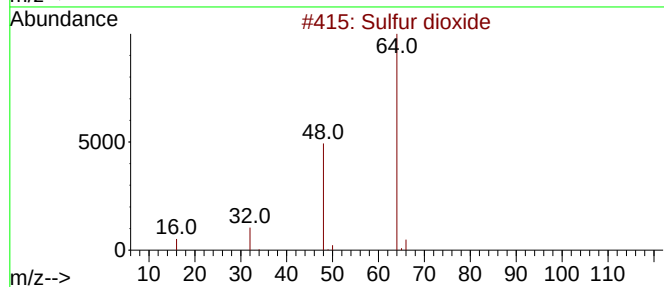
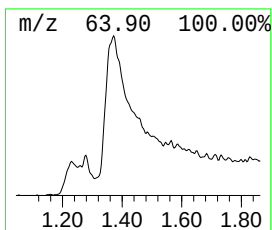
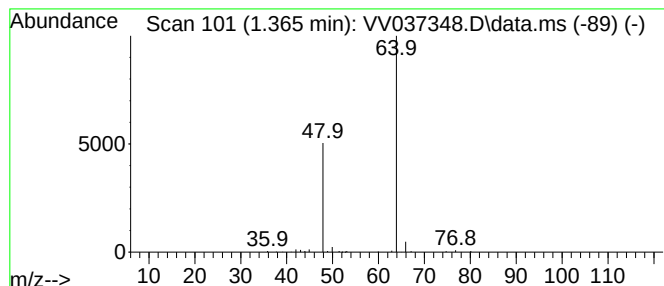
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR091024WMA.M  
Quant Title : TRACE VOA SFAM1.0

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.  |
|-------|-----------|--------|---------------------|-------|
| 1.365 | 1.03 ug/L | 155799 | 1,4-Difluorobenzene | 5.529 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide                | 64  | O2S      | 007446-09-5 | 90   |
| 2    |    |   | 2-Aminoethyl hydrogen sulfate | 141 | C2H7N04S | 000926-39-6 | 74   |
| 3    |    |   | Aminomethanesulfonic acid     | 111 | CH5N03S  | 013881-91-9 | 64   |
| 4    |    |   | Aminomethanesulfonic acid     | 111 | CH5N03S  | 013881-91-9 | 64   |
| 5    |    |   | L-Alanine, 3-sulfo-           | 169 | C3H7N05S | 000498-40-8 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.365 | 1.0     | ug/L  | 155799   | 1                     | 5.529 | 756846 | 5.0  |