

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100324\  
 Data File : VX043266.D  
 Acq On : 03 Oct 2024 16:45  
 Operator : JC/MD  
 Sample : P4263-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB04-20241001

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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\_X\Method\82X100124W.M  
 Title : SW846 8260

Signal : TIC: VX043266.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         | 1.240       | 22            | 25          | 34           | rBV      | 27916          | 38665         | 8.25%           | 1.441%        |
| 2         | 1.569       | 72            | 79          | 80           | rBV5     | 3153           | 5868          | 1.25%           | 0.219%        |
| 3         | 2.569       | 236           | 243         | 252          | rBV      | 5161           | 11273         | 2.40%           | 0.420%        |
| 4         | 2.941       | 296           | 304         | 319          | rVB      | 19433          | 45718         | 9.75%           | 1.703%        |
| 5         | 4.593       | 565           | 575         | 577          | rBV4     | 2139           | 4815          | 1.03%           | 0.179%        |
| 6         | 5.093       | 647           | 657         | 674          | rBV      | 28995          | 86828         | 18.52%          | 3.235%        |
| 7         | 5.385       | 693           | 705         | 721          | rBV      | 54173          | 160647        | 34.26%          | 5.985%        |
| 8         | 5.550       | 721           | 732         | 745          | rVV      | 82277          | 235947        | 50.32%          | 8.790%        |
| 9         | 5.958       | 789           | 799         | 811          | rBV      | 63197          | 170341        | 36.33%          | 6.346%        |
| 10        | 6.757       | 920           | 930         | 946          | rBV      | 139977         | 345684        | 73.73%          | 12.879%       |
| 11        | 7.824       | 1100          | 1105        | 1115         | rBV3     | 4228           | 8215          | 1.75%           | 0.306%        |
| 12        | 8.647       | 1234          | 1240        | 1248         | rBV      | 298312         | 468864        | 100.00%         | 17.468%       |
| 13        | 8.720       | 1248          | 1252        | 1264         | rVB      | 10166          | 20050         | 4.28%           | 0.747%        |
| 14        | 10.055      | 1465          | 1471        | 1486         | rBV      | 291289         | 413848        | 88.27%          | 15.418%       |
| 15        | 10.305      | 1507          | 1512        | 1518         | rBV3     | 3373           | 4811          | 1.03%           | 0.179%        |
| 16        | 11.079      | 1634          | 1639        | 1651         | rBV      | 235677         | 308773        | 65.86%          | 11.504%       |
| 17        | 12.018      | 1788          | 1793        | 1808         | rBV      | 261223         | 348908        | 74.42%          | 12.999%       |
| 18        | 16.377      | 2501          | 2508        | 2513         | rBV5     | 2624           | 4868          | 1.04%           | 0.181%        |

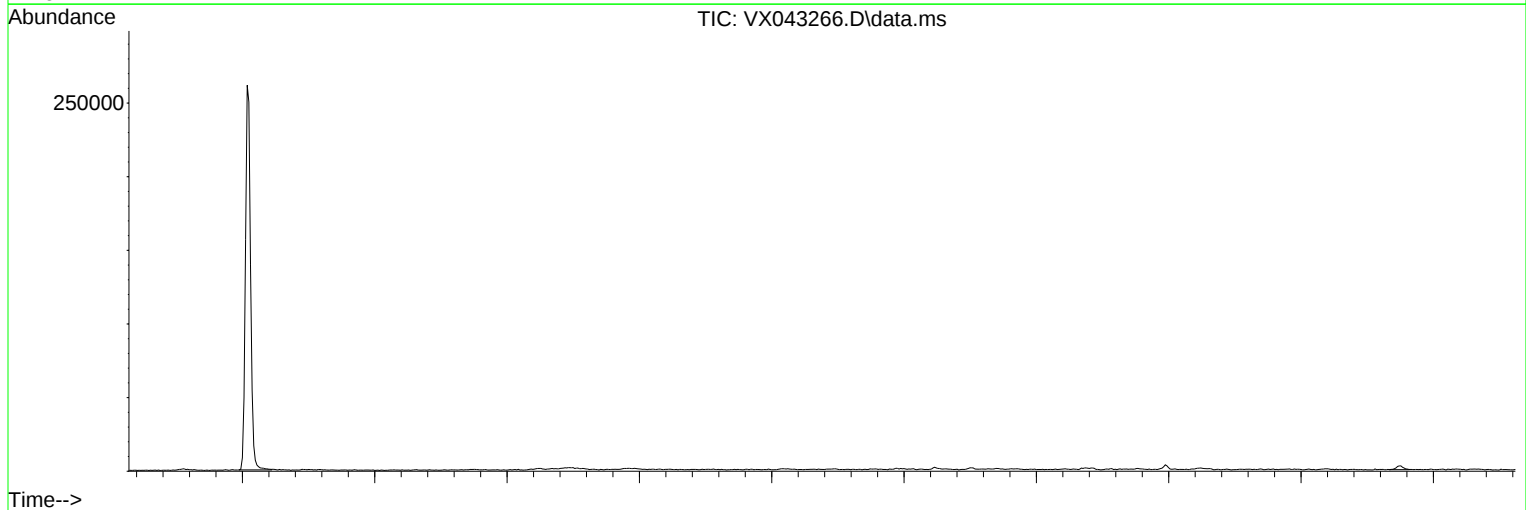
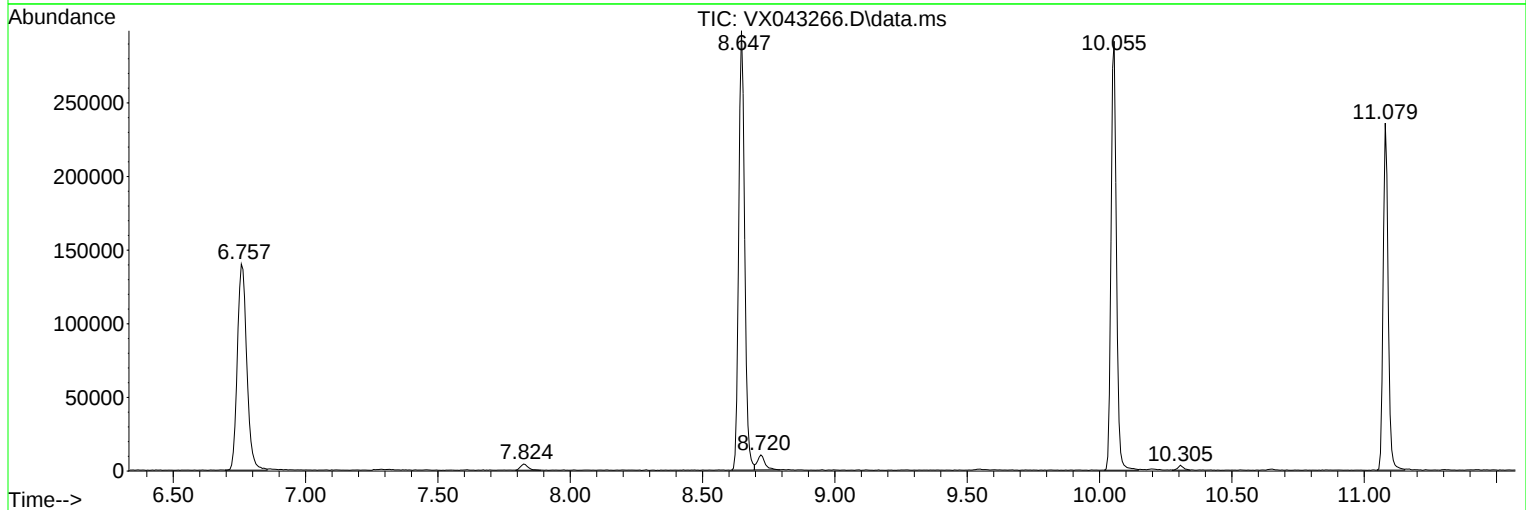
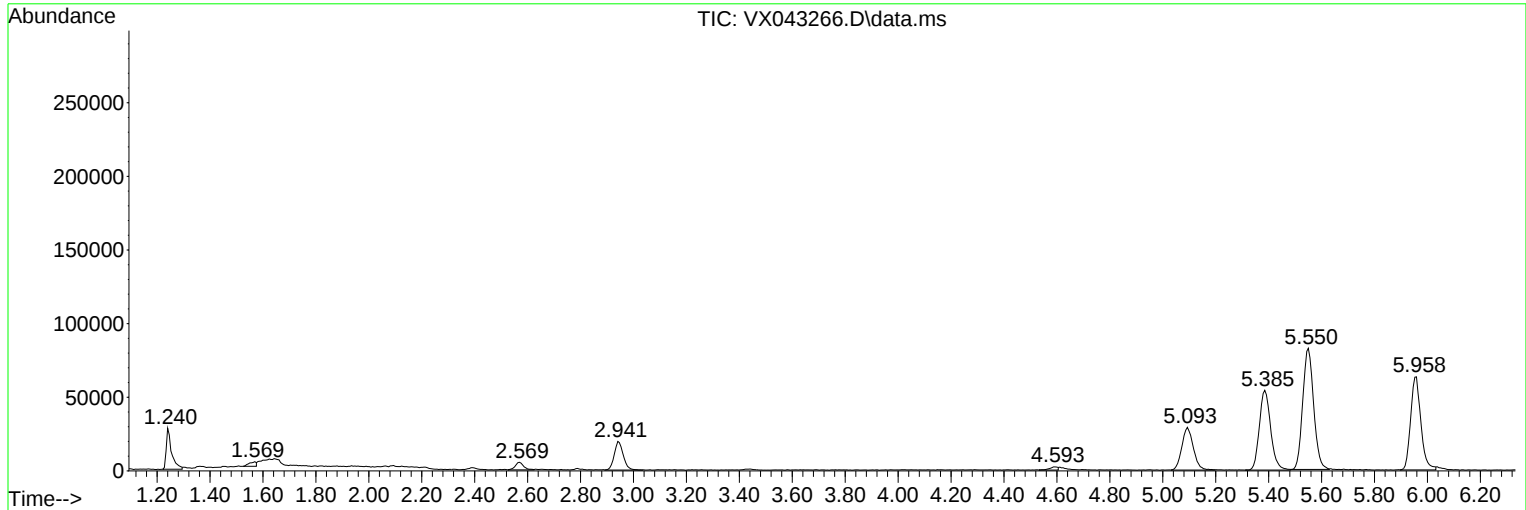
Sum of corrected areas: 2684123

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260

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



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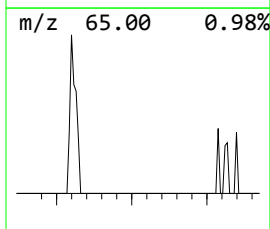
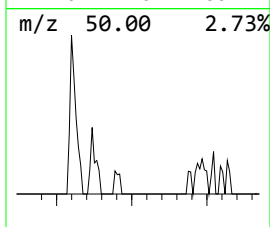
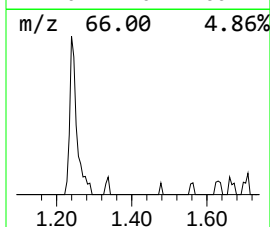
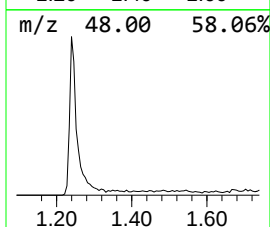
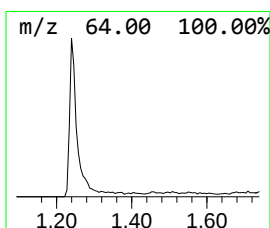
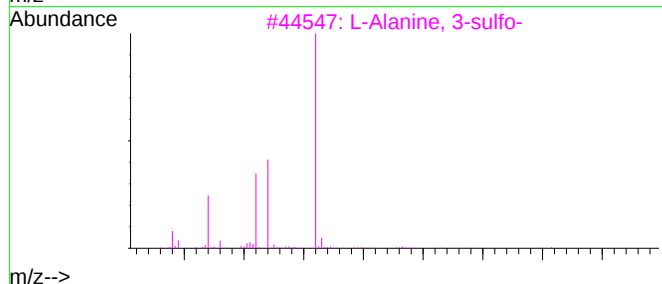
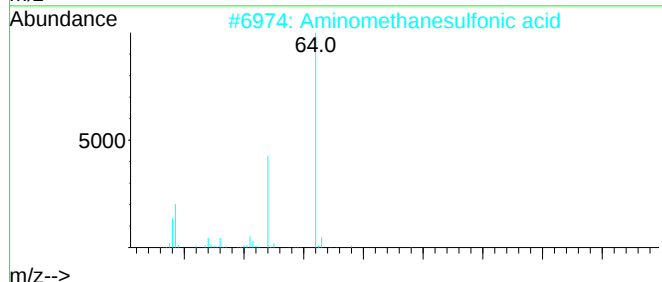
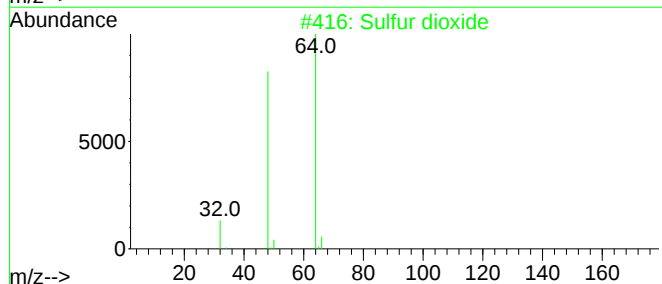
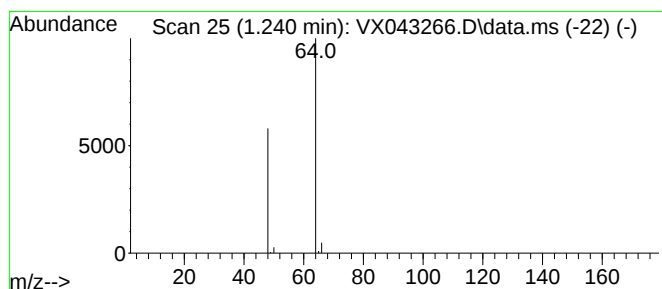
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 1.240 | 8.19 ug/l | 38665 | Pentafluorobenzene | 5.544 |

| 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         | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |
| 5         | Ethyl Chloride            | 64  | C2H5Cl   | 000075-00-3 | 3    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.240 | 8.2     | ug/l  | 38665    | 1                     | 5.544 | 235947 | 50.0 |