

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062421\  
 Data File : VY005215.D  
 Acq On : 24 Jun 2021 16:47  
 Operator : SY/MD  
 Sample : M2852-04  
 Misc : 5.01G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MANHOLE-WC-D

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\_Y\methods\82Y062221S.M

Title : SW846 8260

Signal : TIC: VY005215.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         | 2.046       | 34            | 37          | 44           | rVB3     | 1046           | 1915          | 1.66%           | 0.289%        |
| 2         | 2.875       | 167           | 173         | 191          | rVB      | 9219           | 32401         | 28.11%          | 4.897%        |
| 3         | 4.210       | 386           | 392         | 404          | rVB2     | 1313           | 3513          | 3.05%           | 0.531%        |
| 4         | 4.729       | 465           | 477         | 485          | rBV3     | 2830           | 8462          | 7.34%           | 1.279%        |
| 5         | 5.759       | 639           | 646         | 648          | rBV5     | 1234           | 2381          | 2.07%           | 0.360%        |
| 6         | 7.728       | 958           | 969         | 974          | rBV3     | 16142          | 39711         | 34.46%          | 6.002%        |
| 7         | 7.801       | 974           | 981         | 991          | rVB      | 31315          | 71179         | 61.76%          | 10.759%       |
| 8         | 8.149       | 1027          | 1038        | 1047         | rBV3     | 14447          | 34219         | 29.69%          | 5.172%        |
| 9         | 8.697       | 1120          | 1128        | 1136         | rBV      | 42358          | 84197         | 73.06%          | 12.726%       |
| 10        | 10.185      | 1365          | 1372        | 1381         | rBV      | 68413          | 115245        | 100.00%         | 17.419%       |
| 11        | 10.581      | 1431          | 1437        | 1445         | rBV      | 2957           | 5752          | 4.99%           | 0.869%        |
| 12        | 11.319      | 1553          | 1558        | 1563         | rBV2     | 2537           | 4128          | 3.58%           | 0.624%        |
| 13        | 11.496      | 1579          | 1587        | 1594         | rBV      | 54474          | 92083         | 79.90%          | 13.918%       |
| 14        | 12.483      | 1743          | 1749        | 1758         | rVB2     | 47583          | 79153         | 68.68%          | 11.964%       |
| 15        | 13.184      | 1859          | 1864        | 1869         | rBV2     | 1845           | 2888          | 2.51%           | 0.437%        |
| 16        | 13.428      | 1898          | 1904        | 1910         | rBV      | 49345          | 76440         | 66.33%          | 11.554%       |
| 17        | 13.965      | 1988          | 1992        | 1998         | rVB3     | 2597           | 3756          | 3.26%           | 0.568%        |
| 18        | 14.489      | 2073          | 2078        | 2082         | rVB5     | 940            | 1638          | 1.42%           | 0.248%        |
| 19        | 15.312      | 2210          | 2213        | 2218         | rBV5     | 1530           | 2529          | 2.19%           | 0.382%        |

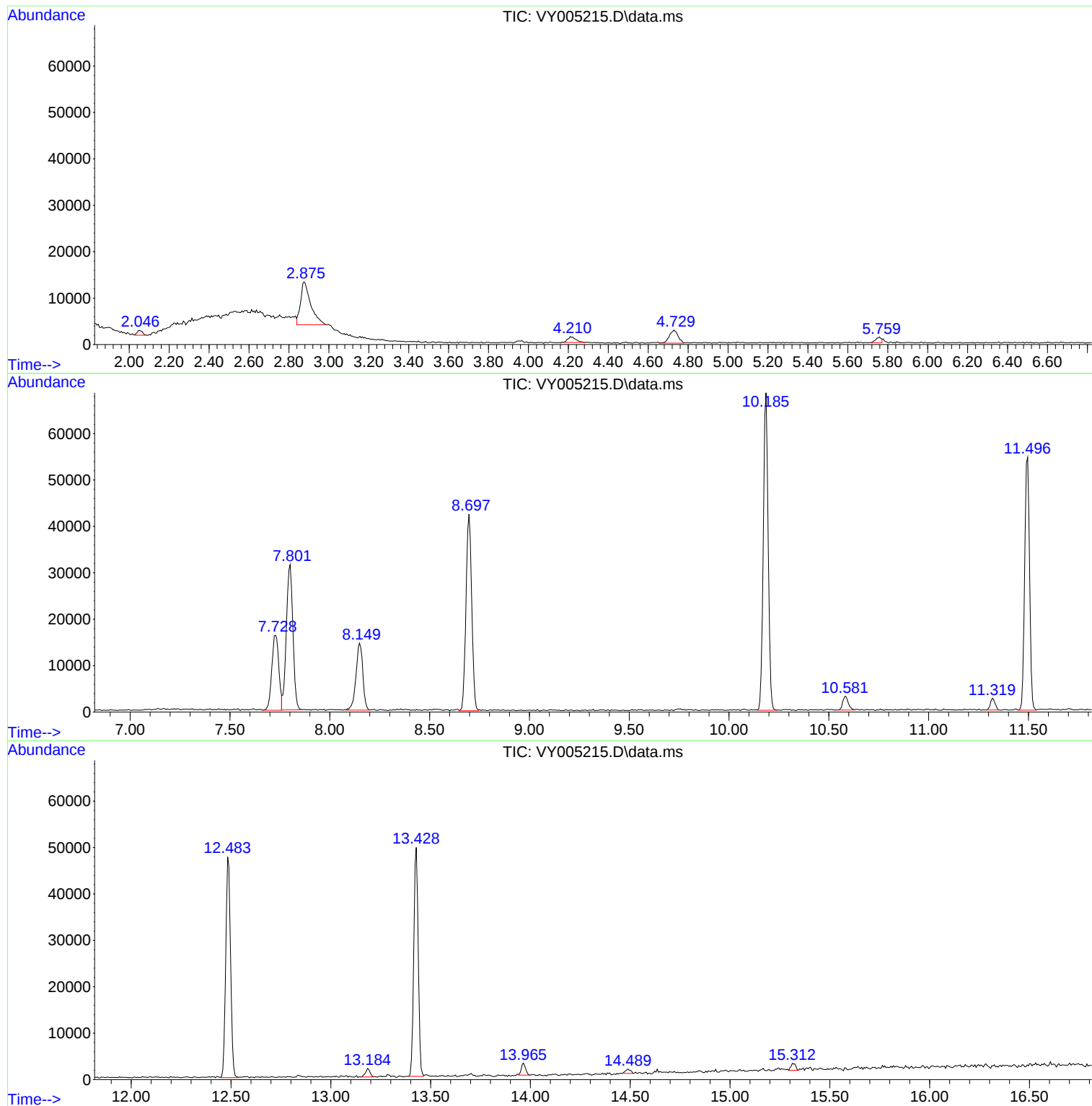
Sum of corrected areas: 661590

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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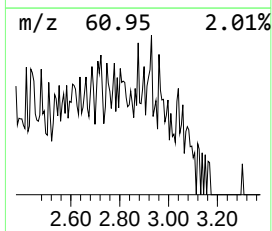
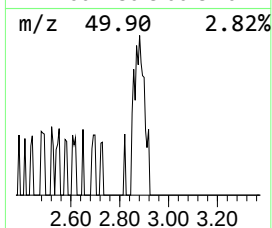
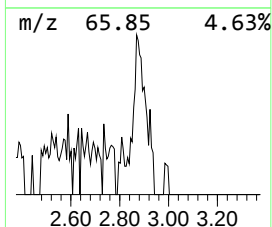
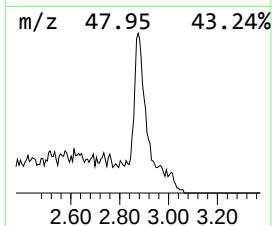
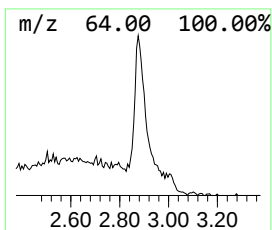
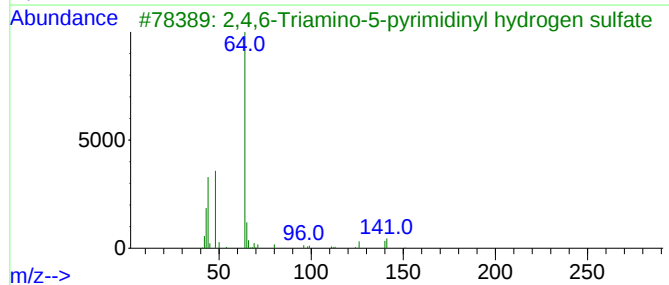
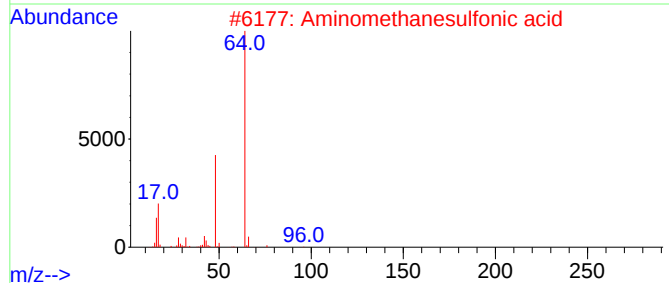
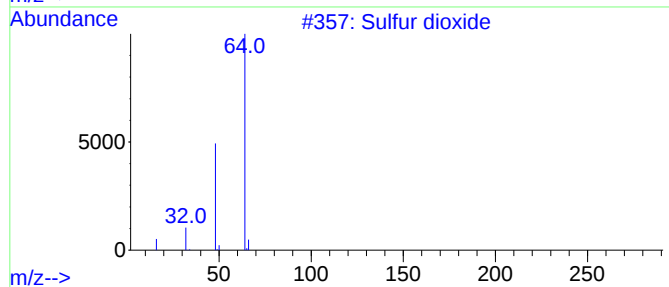
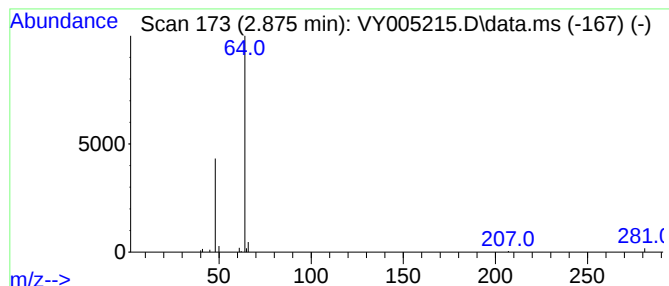
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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 2.875 | 22.76 ug/l | 32401 | Pentafluorobenzene | 7.801 |

| 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 | 74   |
| 3    |    |   | 2,4,6-Triamino-5-pyrimidinyl hyd... | 221 | C4H7N5O4S    | 071552-23-3 | 9    |
| 4    |    |   | (N-(-2-Acetamido))-2-aminoethane... | 182 | C4H10N2O4S   | 007365-82-4 | 9    |
| 5    |    |   | N,N'-Nonamethylenebis[-S-3-amino... | 466 | C15H34N2O6S4 | 035871-58-0 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                  |       |         |       |          | #                     | RT    | Resp  | Conc |
| Sulfur dioxide   | 2.875 | 22.8    | ug/l  | 32401    | 1                     | 7.801 | 71179 | 50.0 |