

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041921\  
 Data File : VU043193.D  
 Acq On : 19 Apr 2021 14:54  
 Operator : SY/MD  
 Sample : M2078-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 TRIP-BLANK-2

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\_U\Method\82U041221W.M

Title : SW846 8260

Signal : TIC: VU043193.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         | 1.475       | 34            | 42          | 64           | rBV      | 21491          | 61571         | 8.79%           | 1.609%        |
| 2         | 5.298       | 1214          | 1231        | 1244         | rBV      | 116118         | 243906        | 34.81%          | 6.373%        |
| 3         | 5.382       | 1244          | 1257        | 1278         | rVB      | 175277         | 357621        | 51.03%          | 9.344%        |
| 4         | 5.710       | 1344          | 1359        | 1387         | rBV      | 128718         | 267809        | 38.22%          | 6.997%        |
| 5         | 6.256       | 1513          | 1529        | 1550         | rBV      | 260331         | 493806        | 70.47%          | 12.902%       |
| 6         | 7.906       | 2028          | 2042        | 2064         | rBV      | 413365         | 700758        | 100.00%         | 18.309%       |
| 7         | 9.423       | 2500          | 2514        | 2536         | rBV      | 376353         | 622684        | 88.86%          | 16.269%       |
| 8         | 10.639      | 2880          | 2892        | 2915         | rBV      | 309395         | 489920        | 69.91%          | 12.801%       |
| 9         | 11.819      | 3247          | 3259        | 3276         | rBV      | 371692         | 589237        | 84.09%          | 15.396%       |

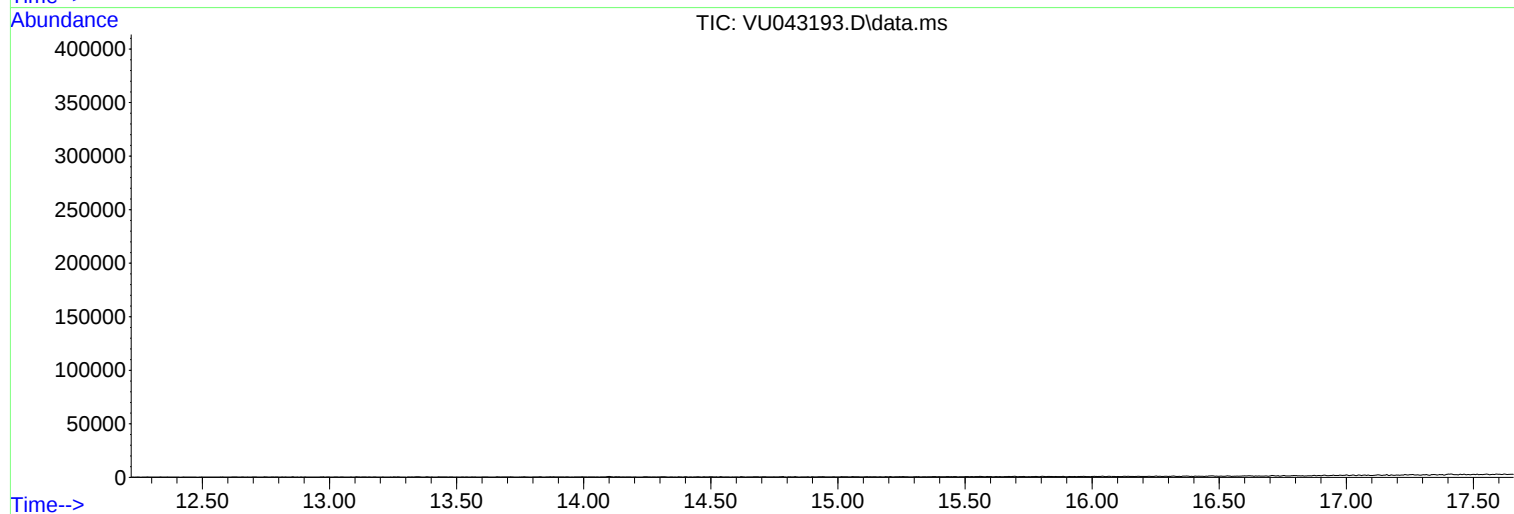
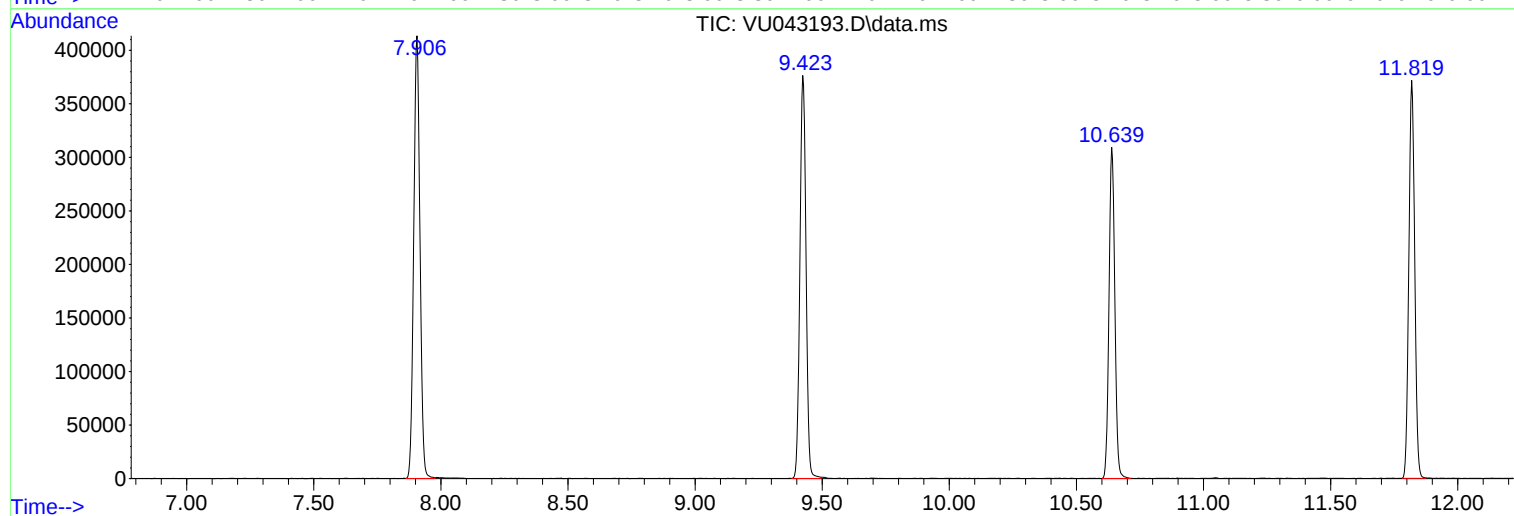
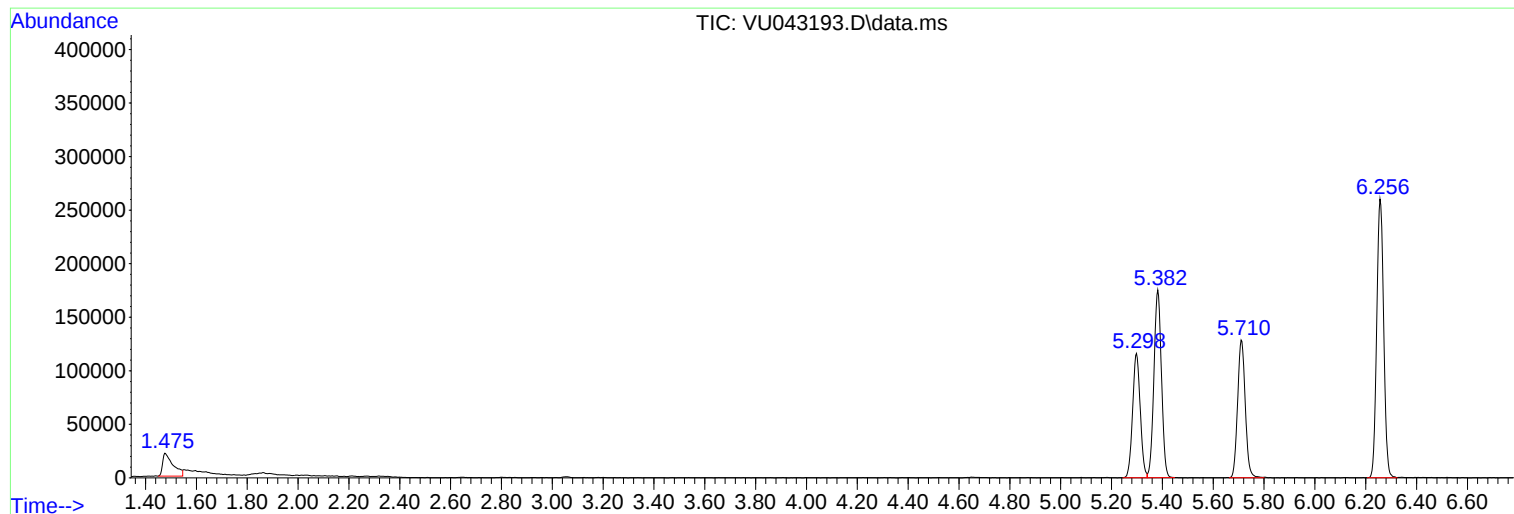
Sum of corrected areas: 3827312

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260

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



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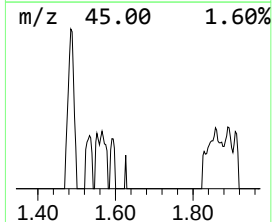
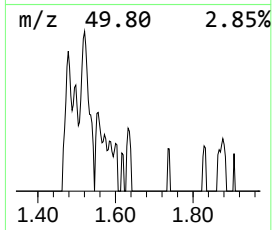
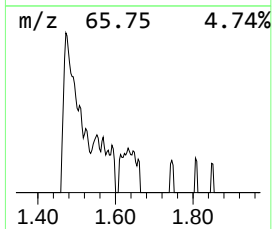
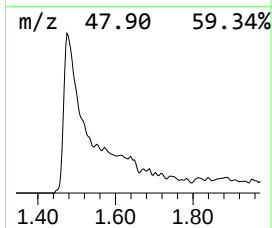
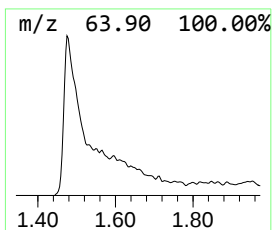
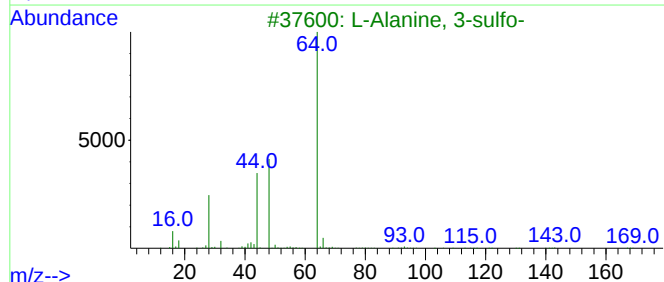
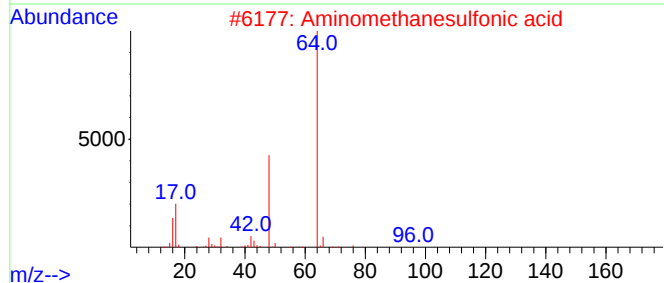
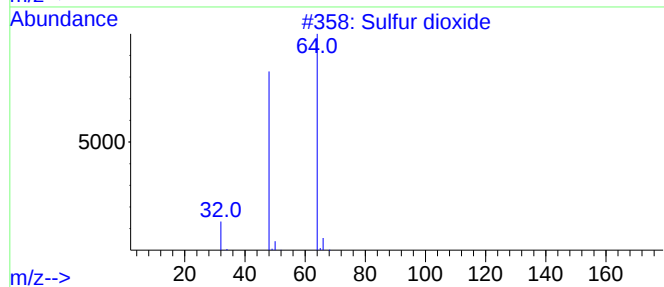
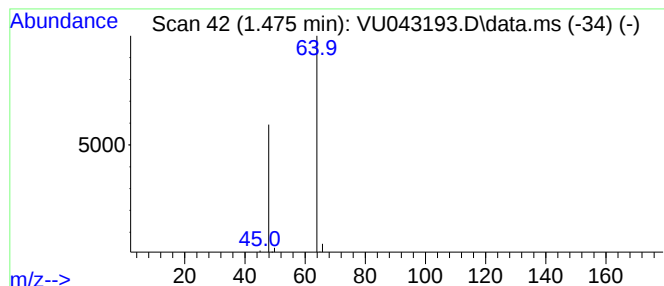
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 1.475 | 8.61 ug/l | 61571 | Pentafluorobenzene | 5.382 |

| 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   | 1.475 | 8.6     | ug/l  | 61571    | 1                     | 5.382 | 357621 | 50.0 |