

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112322\  
 Data File : VX033045.D  
 Acq On : 24 Nov 2022 07:36  
 Operator : JC/MD  
 Sample : N5741-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-37

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\82X112222W.M  
 Title : SW846 8260

Signal : TIC: VX033045.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         | 1.154       | 7             | 11          | 17           | rVB3     | 4183           | 7859          | 1.36%           | 0.215%        |
| 2         | 1.252       | 23            | 27          | 41           | rBV      | 60906          | 140935        | 24.43%          | 3.854%        |
| 3         | 2.422       | 208           | 219         | 229          | rVB      | 19919          | 34076         | 5.91%           | 0.932%        |
| 4         | 2.989       | 301           | 312         | 324          | rBV4     | 11273          | 44729         | 7.75%           | 1.223%        |
| 5         | 3.111       | 324           | 332         | 345          | rVB2     | 54010          | 124144        | 21.52%          | 3.395%        |
| 6         | 3.763       | 431           | 439         | 449          | rBV2     | 4159           | 11247         | 1.95%           | 0.308%        |
| 7         | 4.312       | 519           | 529         | 539          | rBV3     | 3289           | 9843          | 1.71%           | 0.269%        |
| 8         | 5.385       | 694           | 705         | 721          | rBV2     | 66986          | 194700        | 33.75%          | 5.324%        |
| 9         | 5.550       | 722           | 732         | 746          | rVB      | 136321         | 386445        | 66.99%          | 10.567%       |
| 10        | 5.958       | 787           | 799         | 809          | rBV      | 71166          | 193988        | 33.63%          | 5.305%        |
| 11        | 6.037       | 809           | 812         | 822          | rVB3     | 5147           | 11672         | 2.02%           | 0.319%        |
| 12        | 6.763       | 920           | 931         | 947          | rBV      | 207068         | 498626        | 86.44%          | 13.635%       |
| 13        | 8.647       | 1234          | 1240        | 1250         | rBV      | 318052         | 519866        | 90.13%          | 14.216%       |
| 14        | 9.457       | 1368          | 1373        | 1381         | rVB      | 6510           | 9946          | 1.72%           | 0.272%        |
| 15        | 10.055      | 1465          | 1471        | 1482         | rBV      | 426454         | 576827        | 100.00%         | 15.773%       |
| 16        | 11.079      | 1634          | 1639        | 1650         | rBV      | 277604         | 352435        | 61.10%          | 9.637%        |
| 17        | 12.024      | 1788          | 1794        | 1802         | rBV      | 419744         | 539657        | 93.56%          | 14.757%       |

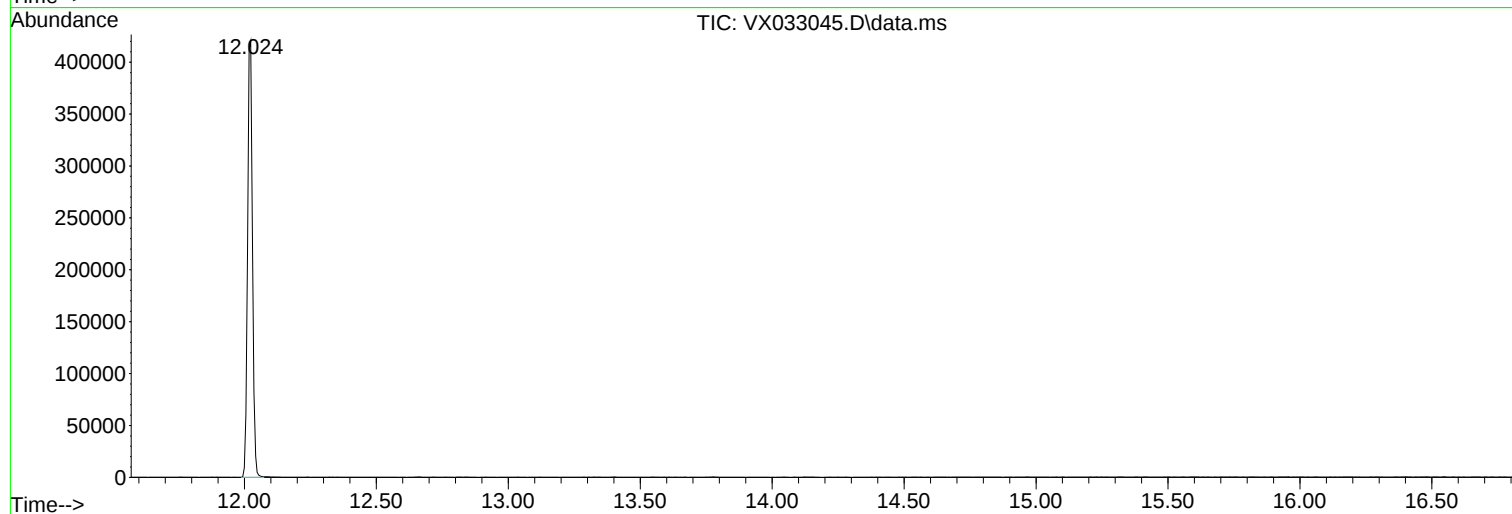
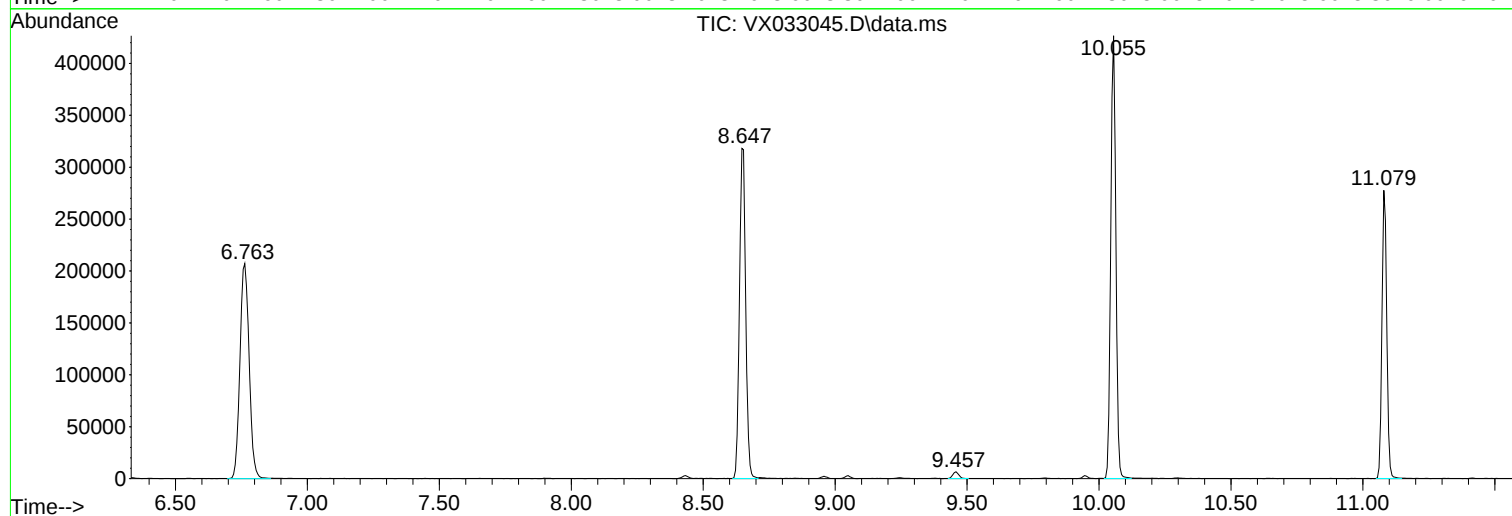
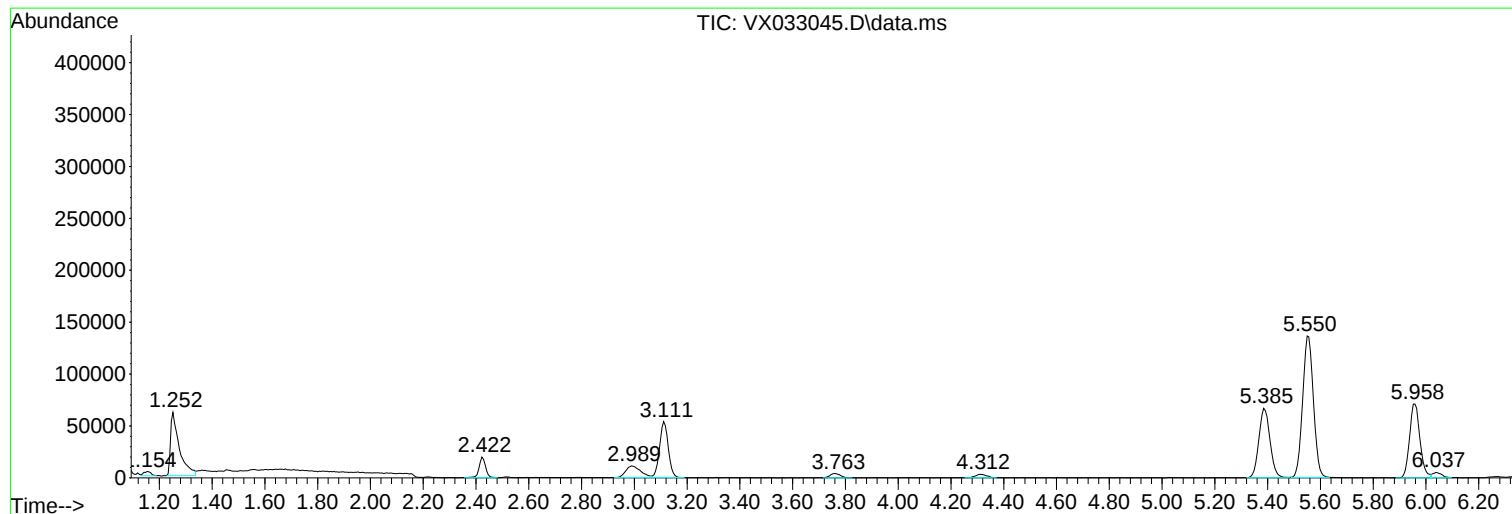
Sum of corrected areas: 3656995

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260

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



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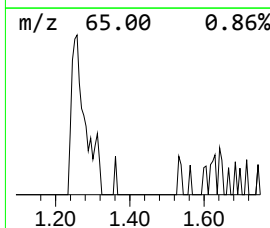
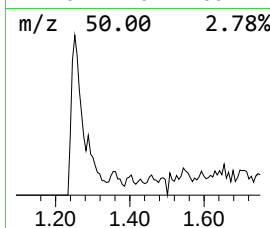
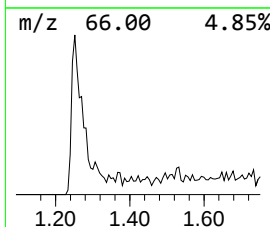
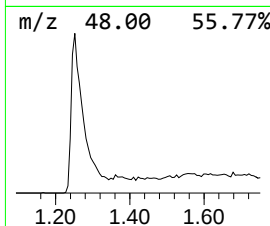
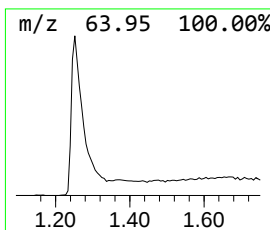
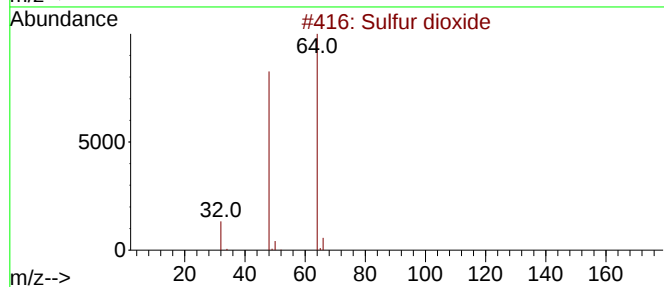
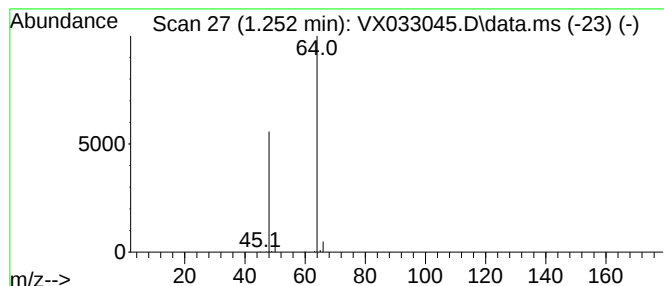
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 1.252 | 18.23 ug/l | 140935 | Pentafluorobenzene | 5.550 |

| 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 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 1.252 | 18.2    | ug/l  | 140935   | 1                     | 5.550 | 386445 | 50.0 |