

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050824\  
 Data File : VN082031.D  
 Acq On : 08 May 2024 16:49  
 Operator : JC\MD  
 Sample : P2426-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 240426002-01

Integration Parameters: RTEINT3.P  
 Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN082031.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         | 2.289       | 49            | 57          | 67           | rBV      | 37344          | 129280        | 22.69%          | 5.500%        |
| 2         | 4.436       | 415           | 422         | 427          | rBV2     | 5409           | 13947         | 2.45%           | 0.593%        |
| 3         | 7.818       | 987           | 997         | 1008         | rBV3     | 83044          | 222034        | 38.96%          | 9.446%        |
| 4         | 7.959       | 1012          | 1021        | 1022         | rBV3     | 6881           | 10285         | 1.80%           | 0.438%        |
| 5         | 7.977       | 1022          | 1024        | 1030         | rVB3     | 6497           | 8112          | 1.42%           | 0.345%        |
| 6         | 8.582       | 1116          | 1127        | 1135         | rBV      | 92181          | 208697        | 36.62%          | 8.879%        |
| 7         | 9.100       | 1206          | 1215        | 1226         | rBV2     | 195976         | 409574        | 71.88%          | 17.425%       |
| 8         | 10.571      | 1456          | 1465        | 1472         | rBV      | 310378         | 569835        | 100.00%         | 24.243%       |
| 9         | 10.635      | 1474          | 1476        | 1482         | rVB2     | 5722           | 5736          | 1.01%           | 0.244%        |
| 10        | 11.865      | 1676          | 1685        | 1698         | rBV      | 258272         | 467099        | 81.97%          | 19.873%       |
| 11        | 12.853      | 1845          | 1853        | 1861         | rBV2     | 182483         | 305874        | 53.68%          | 13.013%       |

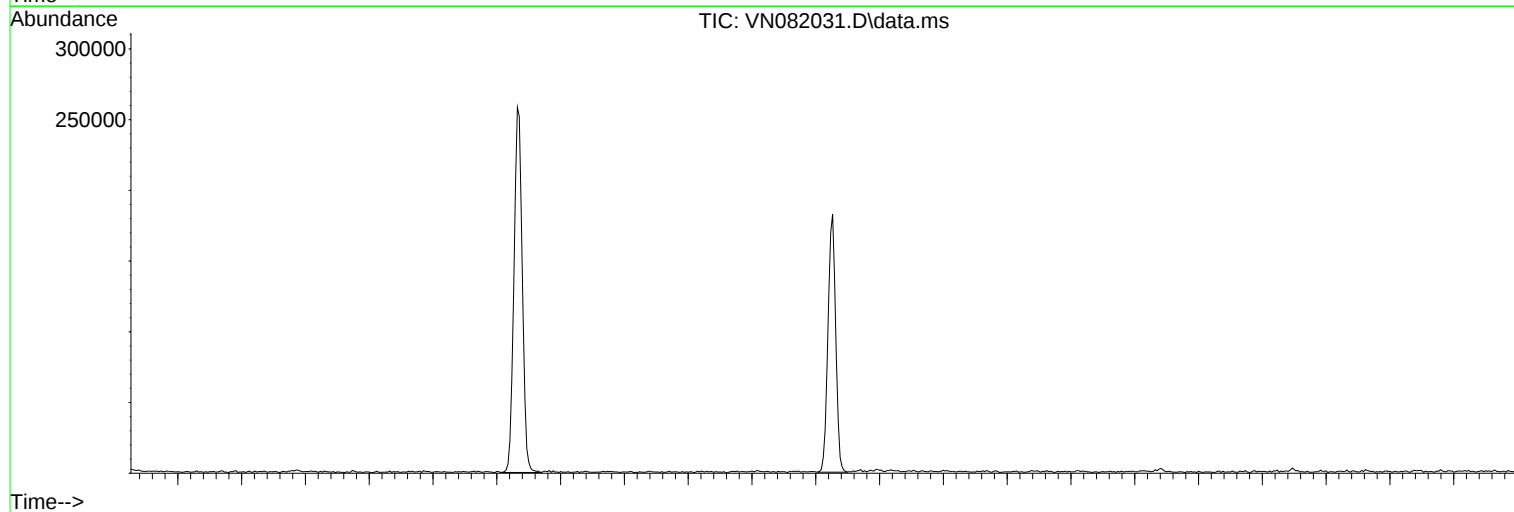
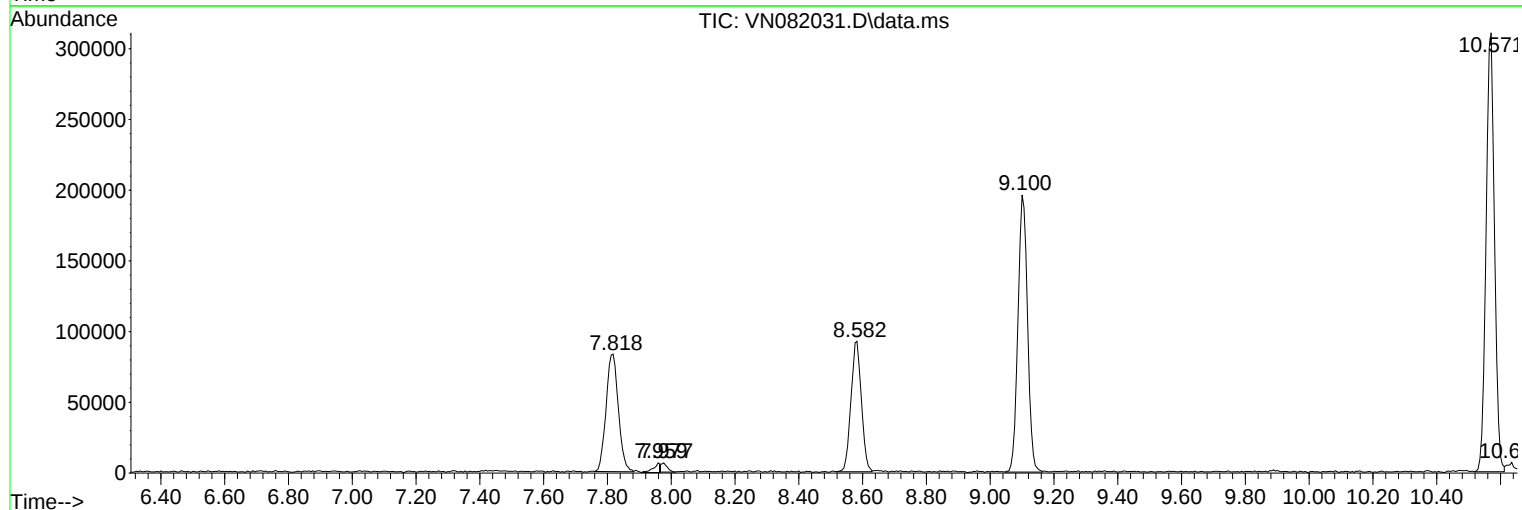
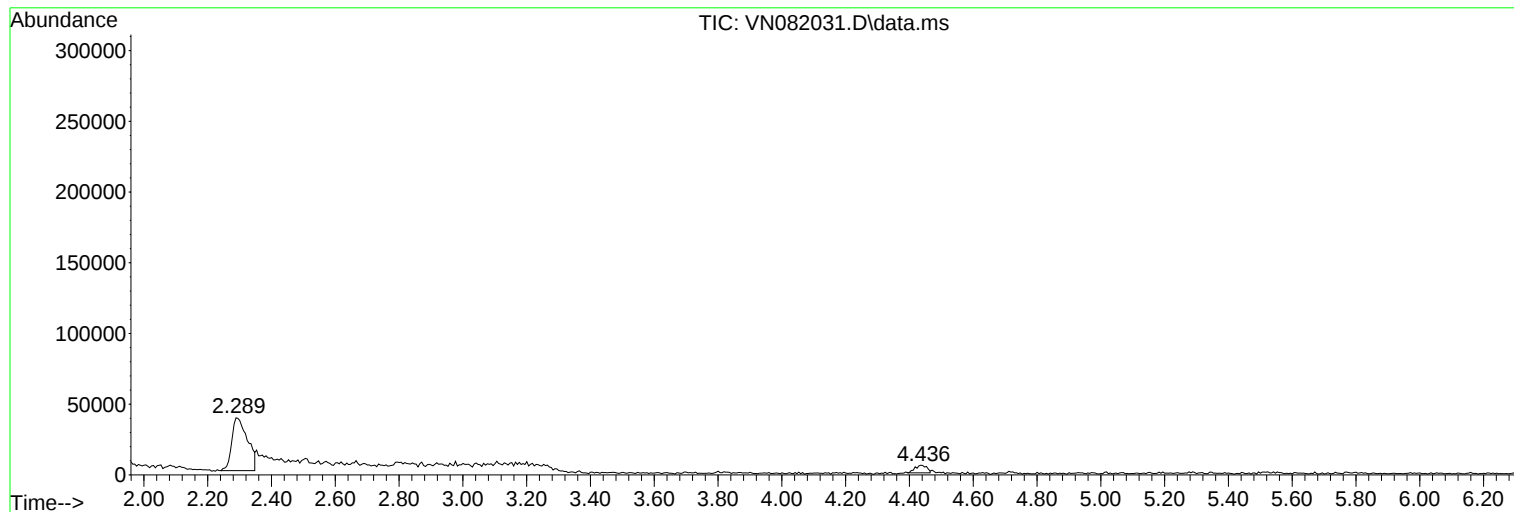
Sum of corrected areas: 2350473

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
240426002-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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MSVOA\_N  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

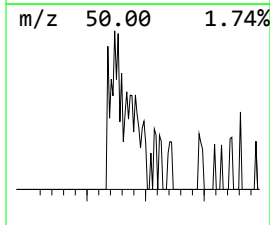
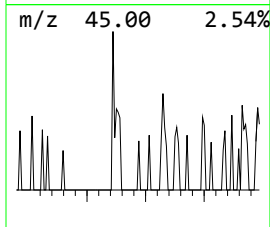
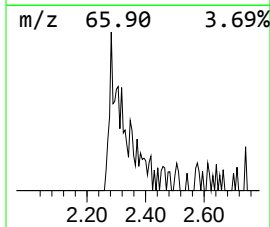
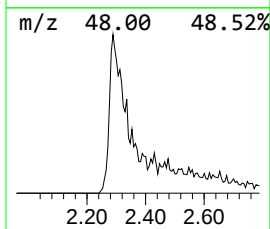
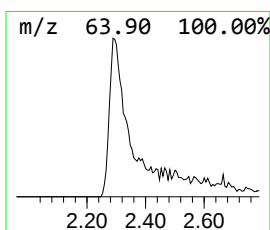
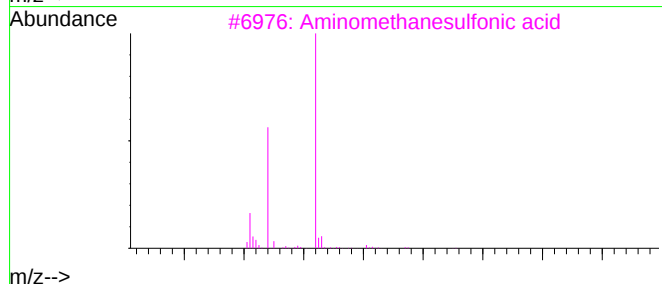
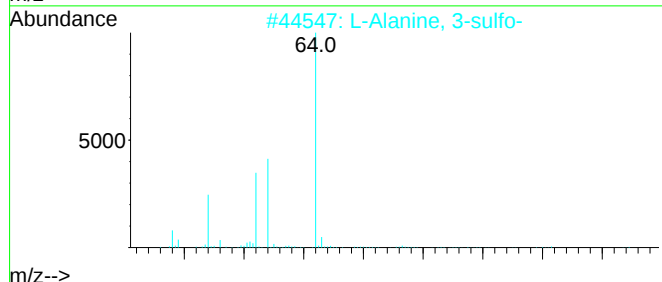
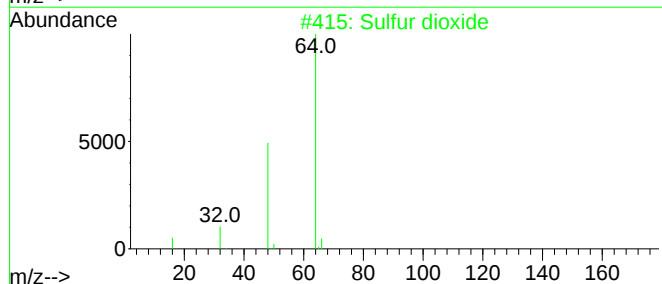
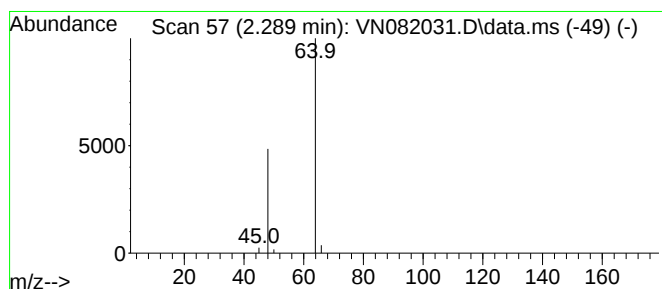
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.289 | 17.47 ug/l | 129280 | Bromochloromethane | 7.818 |

| Hit# of 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------------|-----|----------|-------------|------|
| 1         | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 74   |
| 2         | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 4    |
| 3         | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 4    |
| 4         | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 3    |
| 5         | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 3    |



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

| TIC Top Hit name | RT    | EstConc | Units | Response | # | RT    | Resp   | Conc |
|------------------|-------|---------|-------|----------|---|-------|--------|------|
| Sulfur dioxide   | 2.289 | 17.5    | ug/l  | 129280   | 1 | 7.818 | 222034 | 30.0 |