

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021023\  
Data File : VN076616.D  
Acq On : 10 Feb 2023 17:57  
Operator : JC\MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

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\624N020923W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN076616.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         | 1.916       | 3             | 5           | 22           | rVB      | 1298834        | 1900986       | 100.00%         | 43.061%       |
| 2         | 2.304       | 62            | 71          | 84           | rBV      | 35424          | 129238        | 6.80%           | 2.928%        |
| 3         | 7.822       | 999           | 1009        | 1019         | rBV      | 77870          | 195338        | 10.28%          | 4.425%        |
| 4         | 8.586       | 1129          | 1139        | 1150         | rBV2     | 95752          | 218880        | 11.51%          | 4.958%        |
| 5         | 9.104       | 1219          | 1227        | 1242         | rVB      | 205137         | 428277        | 22.53%          | 9.701%        |
| 6         | 10.569      | 1467          | 1476        | 1484         | rBV      | 278190         | 508027        | 26.72%          | 11.508%       |
| 7         | 11.869      | 1689          | 1697        | 1707         | rBV      | 328265         | 584217        | 30.73%          | 13.234%       |
| 8         | 12.851      | 1857          | 1864        | 1875         | rVB      | 267595         | 449651        | 23.65%          | 10.186%       |

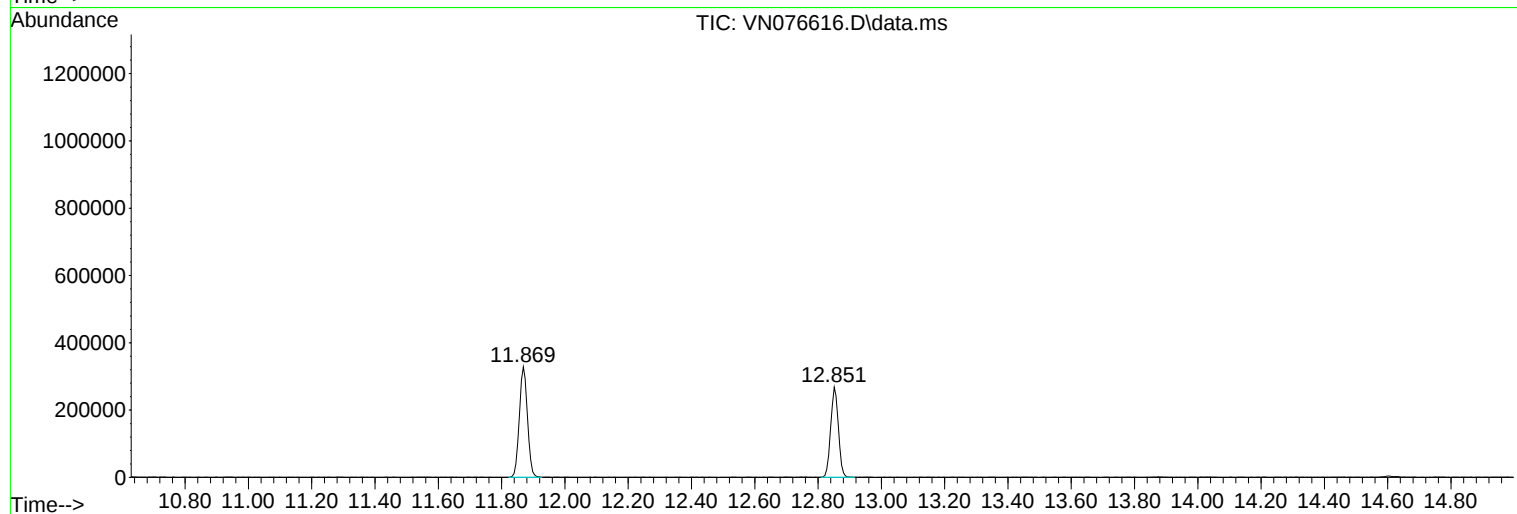
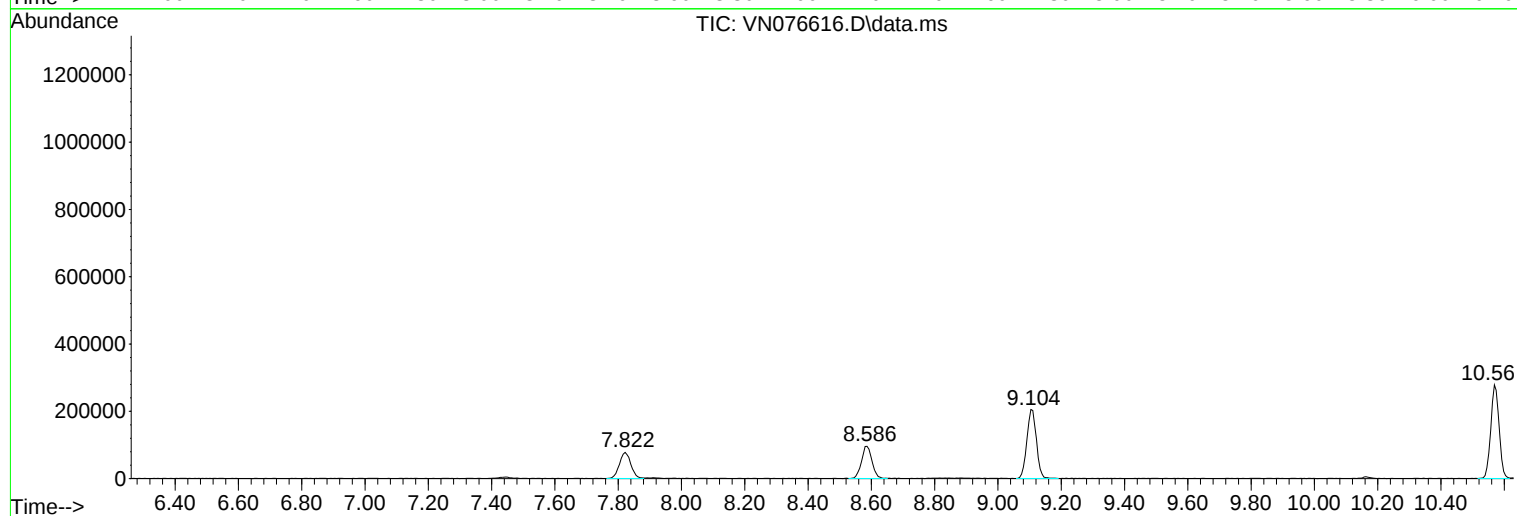
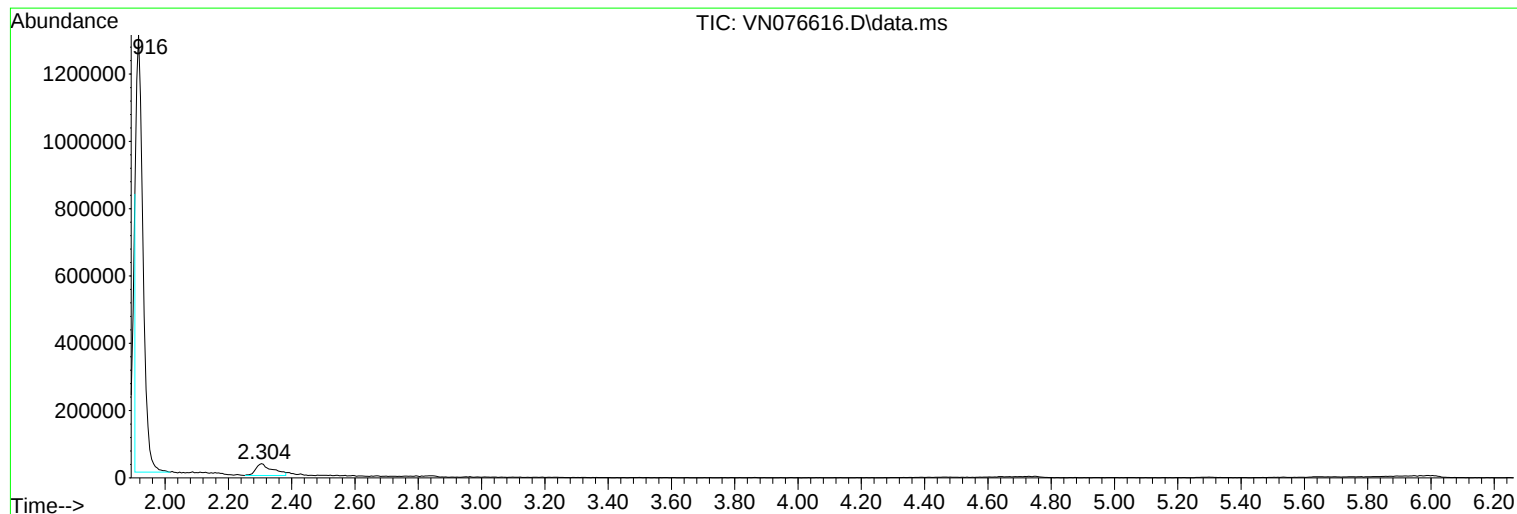
Sum of corrected areas: 4414614

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020923W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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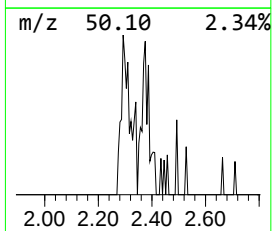
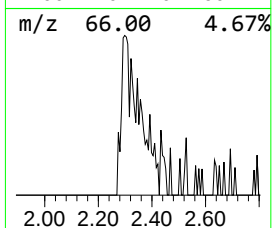
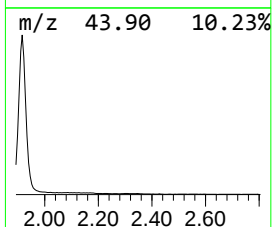
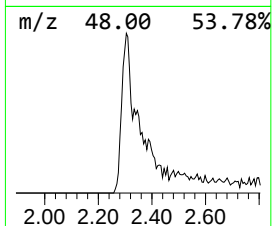
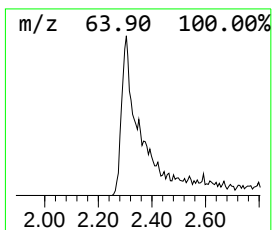
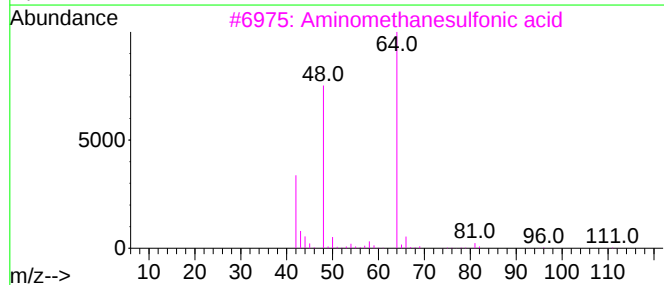
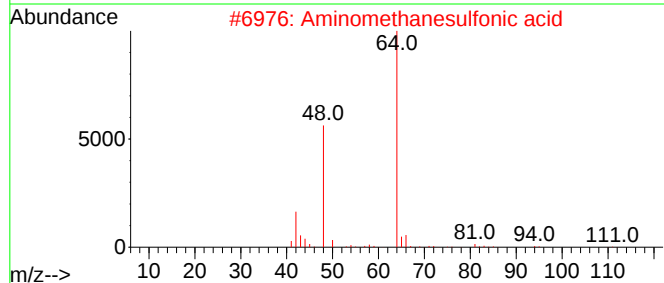
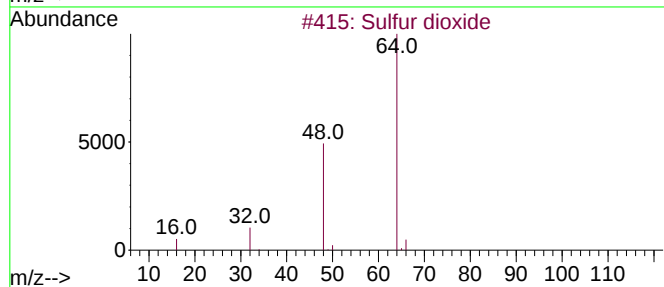
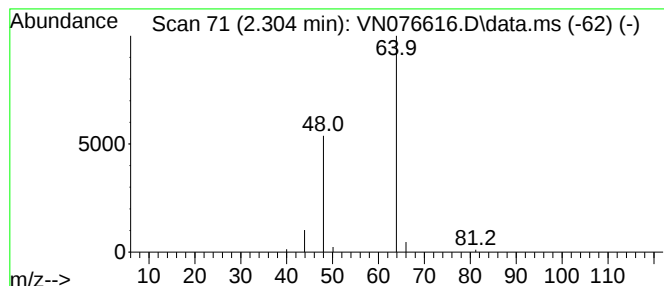
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020923W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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Peak Number 2 Sulfur dioxide Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.304 | 19.85 ug/l | 129238 | Bromochloromethane | 7.822 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide                | 64  | O2S      | 007446-09-5 | 74   |
| 2    |    |   | Aminomethanesulfonic acid     | 111 | CH5NO3S  | 013881-91-9 | 64   |
| 3    |    |   | Aminomethanesulfonic acid     | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 4    |    |   | Aminomethanesulfonic acid     | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | 2-Aminoethyl hydrogen sulfate | 141 | C2H7NO4S | 000926-39-6 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.304 | 19.9    | ug/l  | 129238   | 1                     | 7.822 | 195338 | 30.0 |