

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112423\  
Data File : VN080259.D  
Acq On : 24 Nov 2023 13:31  
Operator : JC\MD  
Sample : 05525-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP10

Integration Parameters: RTEINT3.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0 % 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\_N\methods\624N110823W.M  
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN080259.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         | 2.083       | 17            | 22          | 27           | rVB      | 13117          | 18941         | 4.37%           | 1.018%        |
| 2         | 2.295       | 50            | 58          | 68           | rBV2     | 10552          | 26990         | 6.23%           | 1.451%        |
| 3         | 2.483       | 86            | 90          | 93           | rBV3     | 4843           | 6985          | 1.61%           | 0.376%        |
| 4         | 7.812       | 988           | 996         | 1005         | rBV3     | 44019          | 106345        | 24.54%          | 5.717%        |
| 5         | 8.582       | 1116          | 1127        | 1137         | rBV2     | 83098          | 189788        | 43.80%          | 10.203%       |
| 6         | 9.100       | 1205          | 1215        | 1225         | rBV2     | 134157         | 275344        | 63.54%          | 14.803%       |
| 7         | 10.570      | 1457          | 1465        | 1473         | rBV      | 236304         | 433309        | 100.00%         | 23.295%       |
| 8         | 10.688      | 1481          | 1485        | 1494         | rVB3     | 3430           | 7635          | 1.76%           | 0.410%        |
| 9         | 11.870      | 1678          | 1686        | 1697         | rVB      | 237445         | 426873        | 98.51%          | 22.949%       |
| 10        | 12.853      | 1845          | 1853        | 1862         | rBV      | 217528         | 367863        | 84.90%          | 19.777%       |

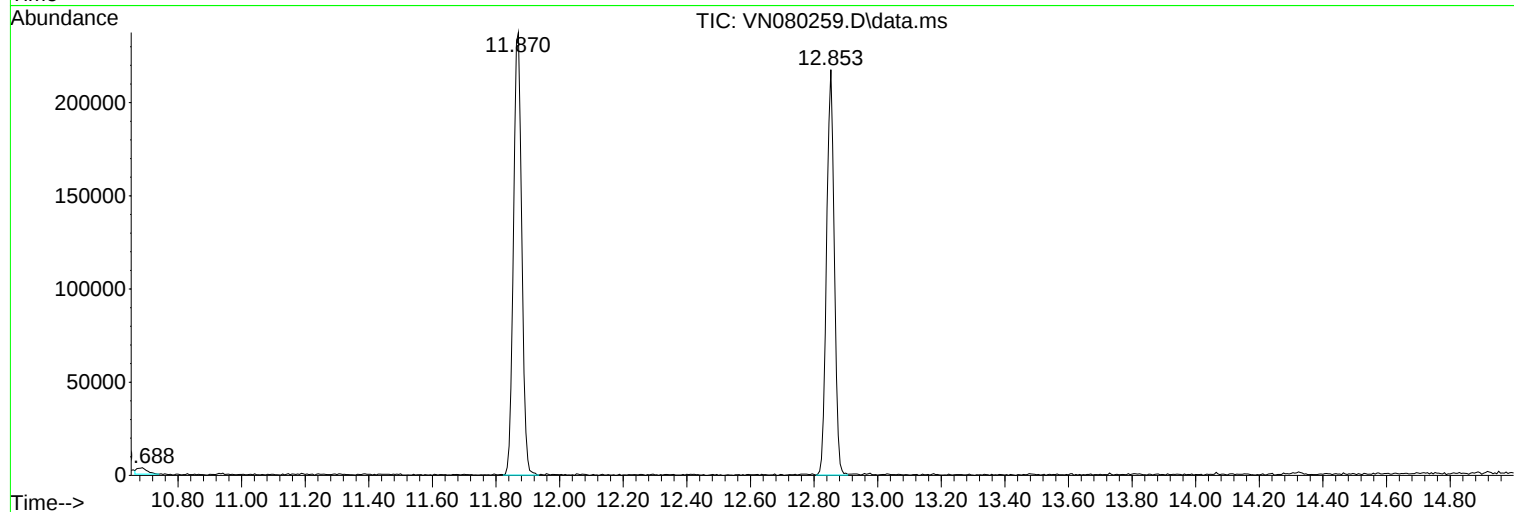
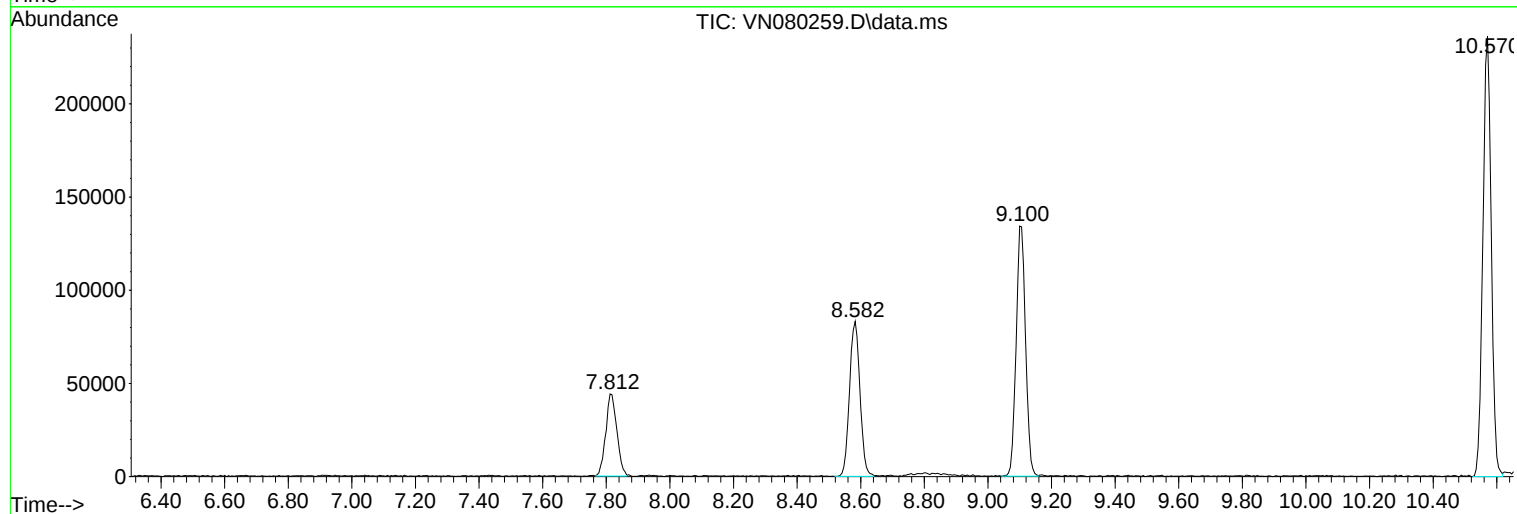
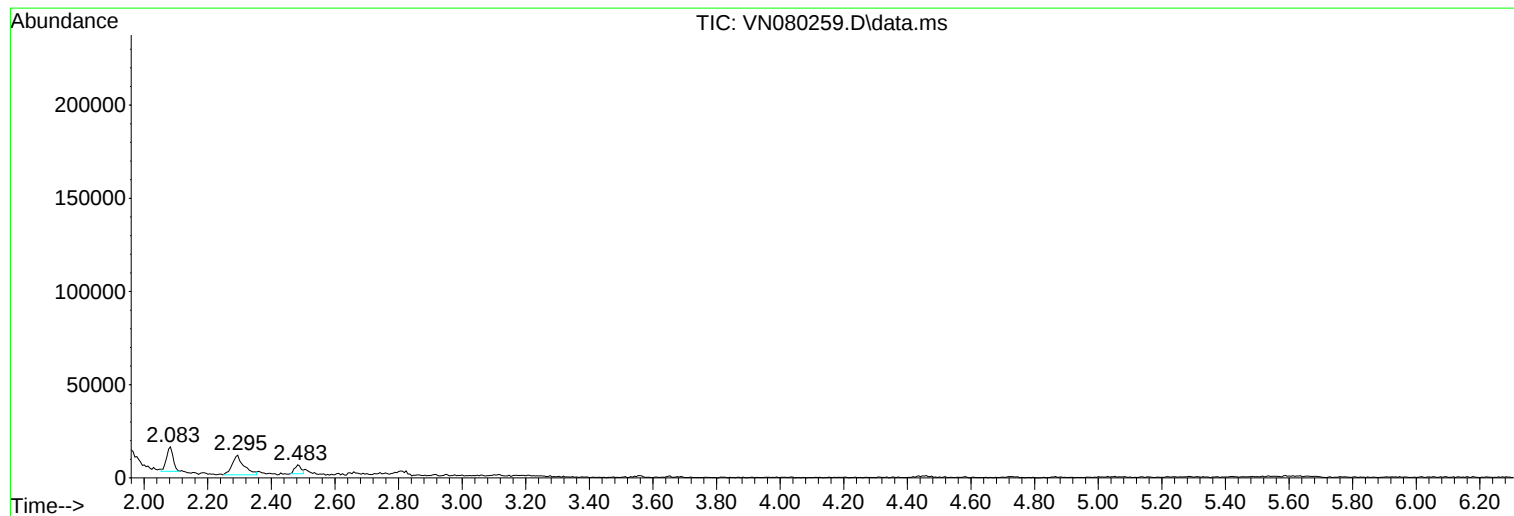
Sum of corrected areas: 1860073

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112423\  
Data File : VN080259.D  
Acq On : 24 Nov 2023 13:31  
Operator : JC\MD  
Sample : 05525-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N110823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112423\  
Data File : VN080259.D  
Acq On : 24 Nov 2023 13:31  
Operator : JC\MD  
Sample : 05525-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP10

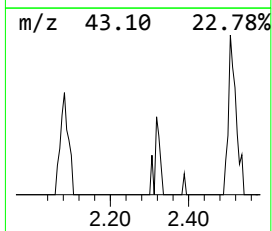
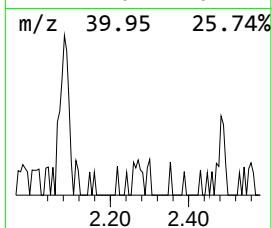
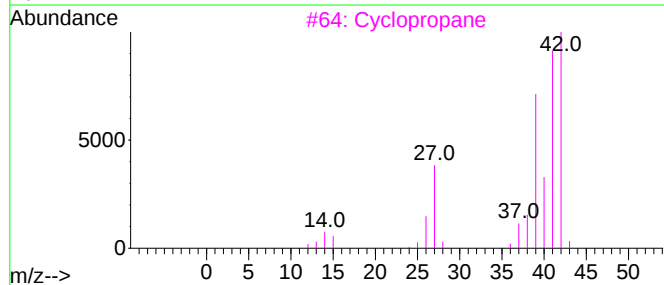
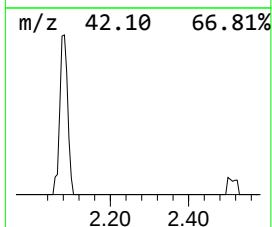
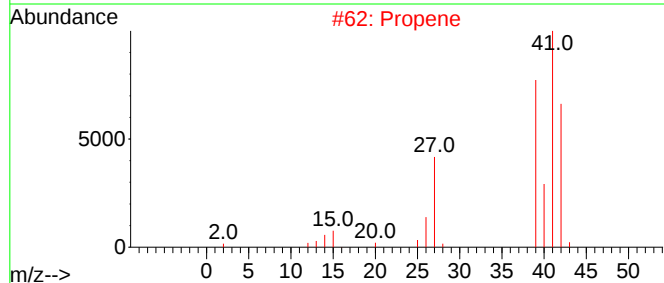
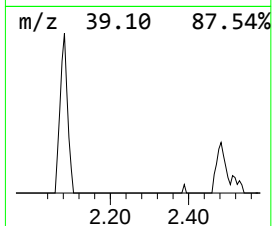
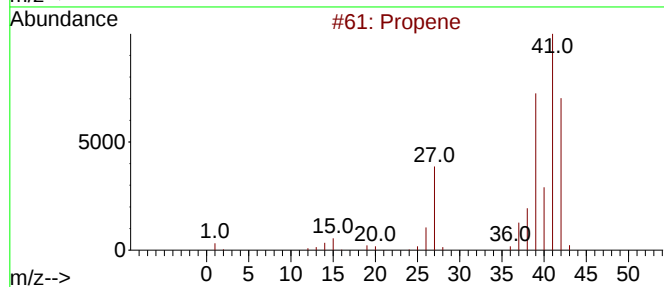
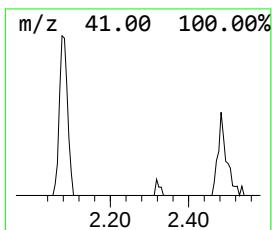
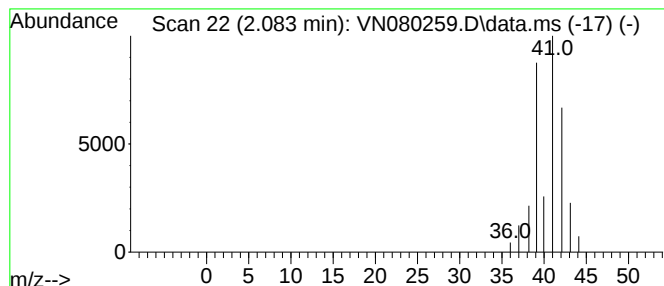
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N110823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

\*\*\*\*\*  
Peak Number 1 Propene Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.083 | 5.34 ug/l | 18941 | Bromochloromethane | 7.818 |

| Hit# | of           | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------|---|--------------|----|---------|-------------|------|
| 1    | Propene      |   |              | 42 | C3H6    | 000115-07-1 | 90   |
| 2    | Propene      |   |              | 42 | C3H6    | 000115-07-1 | 45   |
| 3    | Cyclopropane |   |              | 42 | C3H6    | 000075-19-4 | 43   |
| 4    | Cyclopropane |   |              | 42 | C3H6    | 000075-19-4 | 9    |
| 5    | Cyclopropene |   |              | 40 | C3H4    | 002781-85-3 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112423\  
Data File : VN080259.D  
Acq On : 24 Nov 2023 13:31  
Operator : JC\MD  
Sample : 05525-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP10

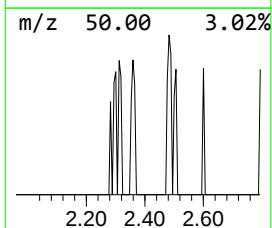
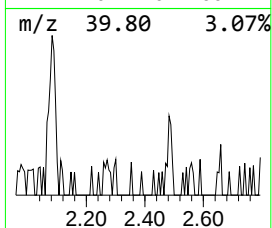
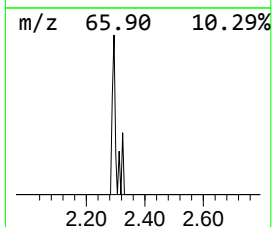
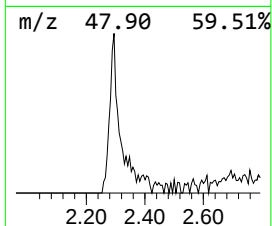
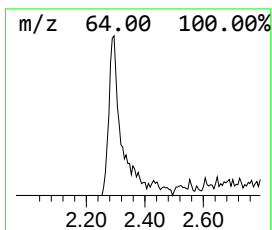
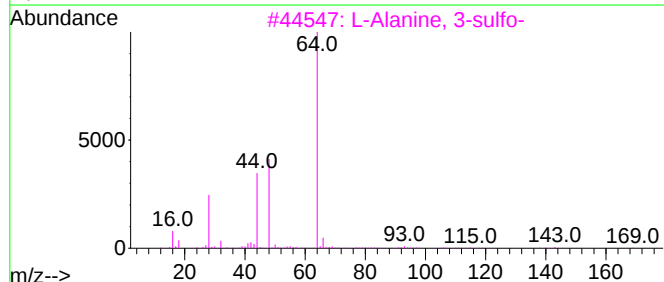
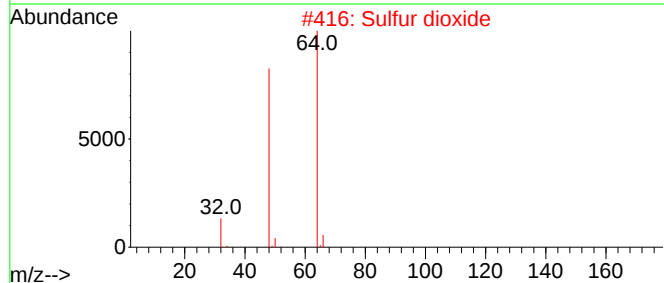
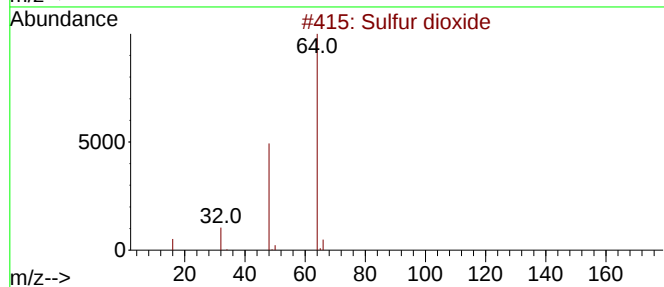
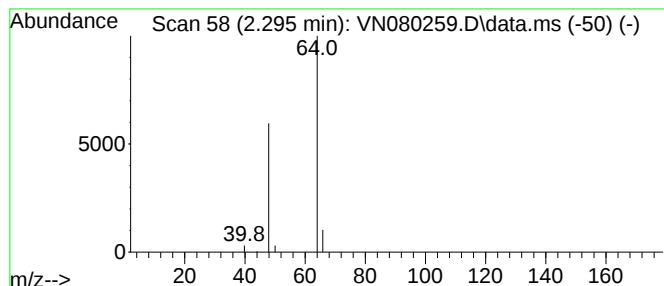
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N110823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

\*\*\*\*\*  
Peak Number 2 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.295 | 7.61 ug/l | 26990 | Bromochloromethane | 7.818 |

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112423\  
Data File : VN080259.D  
Acq On : 24 Nov 2023 13:31  
Operator : JC\MD  
Sample : 05525-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
TWP10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N110823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propene          | 2.083 | 5.3     | ug/l  | 18941    | 1                     | 7.818 | 106345 | 30.0 |
| Sulfur dioxide   | 2.295 | 7.6     | ug/l  | 26990    | 1                     | 7.818 | 106345 | 30.0 |