

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120624\  
Data File : VN085139.D  
Acq On : 06 Dec 2024 20:03  
Operator : JC\MD  
Sample : P5192-01 5X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WASTE WATER

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\624N120624W.M  
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN085139.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         | 3.806       | 299           | 315         | 349          | rBV      | 2817647        | 8063779       | 9.81%           | 6.051%        |
| 2         | 4.424       | 407           | 420         | 448          | rBV      | 1906972        | 5696612       | 6.93%           | 4.275%        |
| 3         | 4.789       | 454           | 482         | 512          | rBV2     | 17012657       | 82240299      | 100.00%         | 61.711%       |
| 4         | 5.030       | 512           | 523         | 543          | rVB      | 1078765        | 3367203       | 4.09%           | 2.527%        |
| 5         | 7.559       | 937           | 953         | 971          | rBV      | 9111318        | 22412664      | 27.25%          | 16.818%       |
| 6         | 8.688       | 1135          | 1145        | 1169         | rBV      | 5502589        | 11485205      | 13.97%          | 8.618%        |

Sum of corrected areas: 133265762

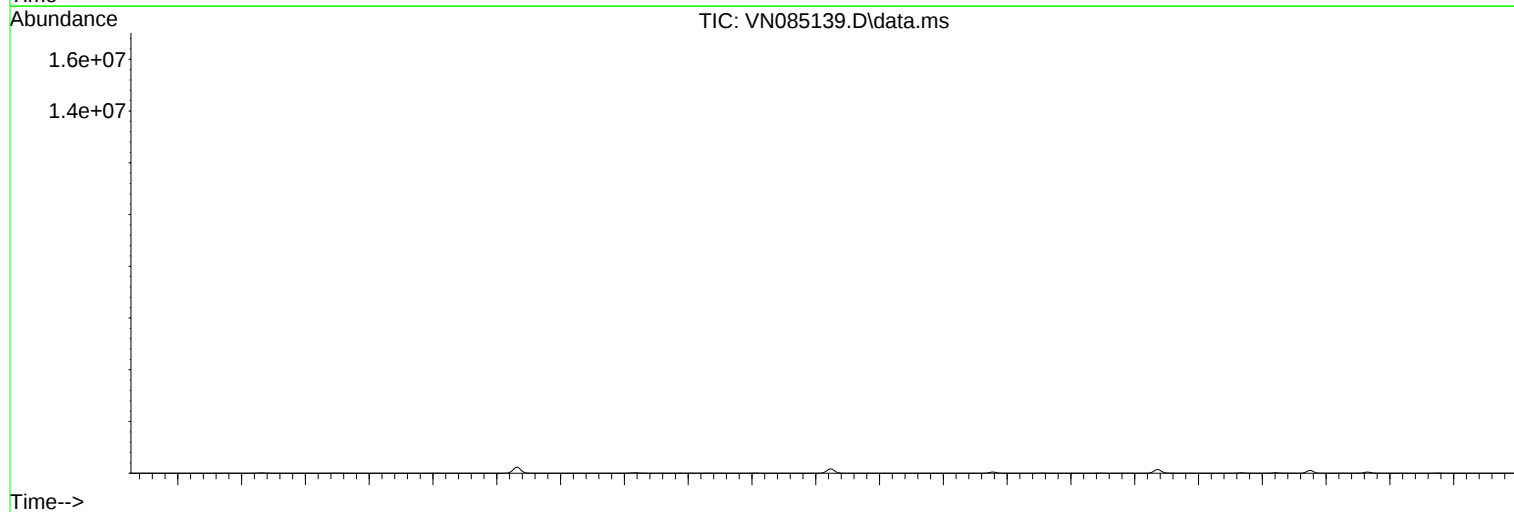
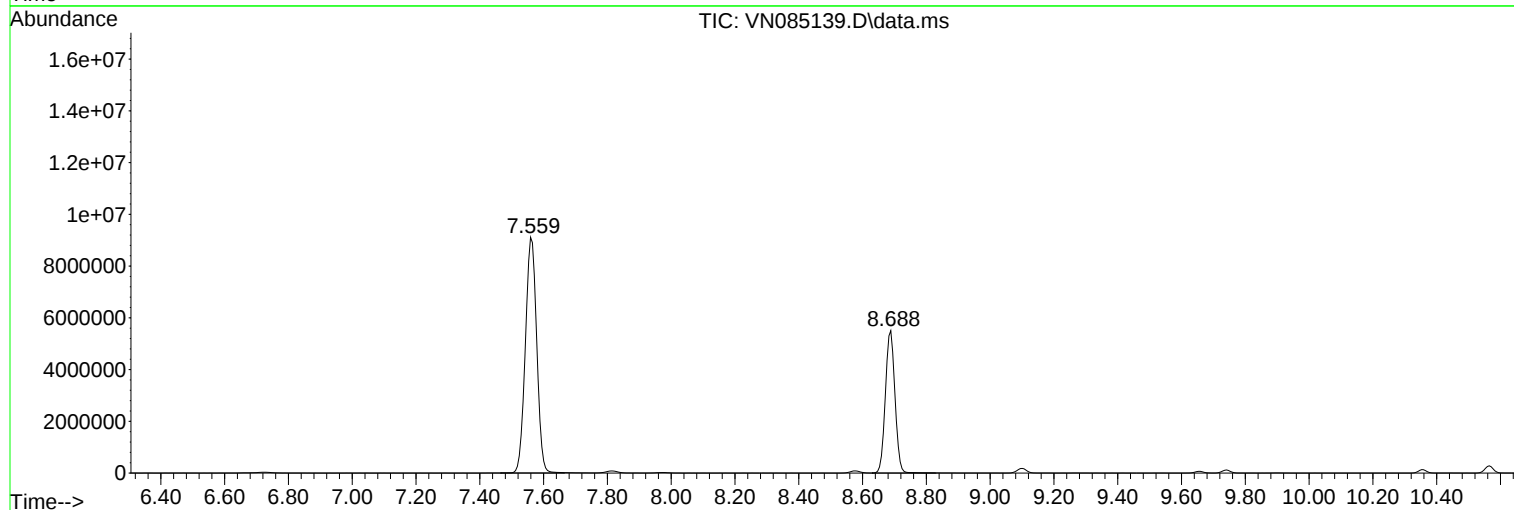
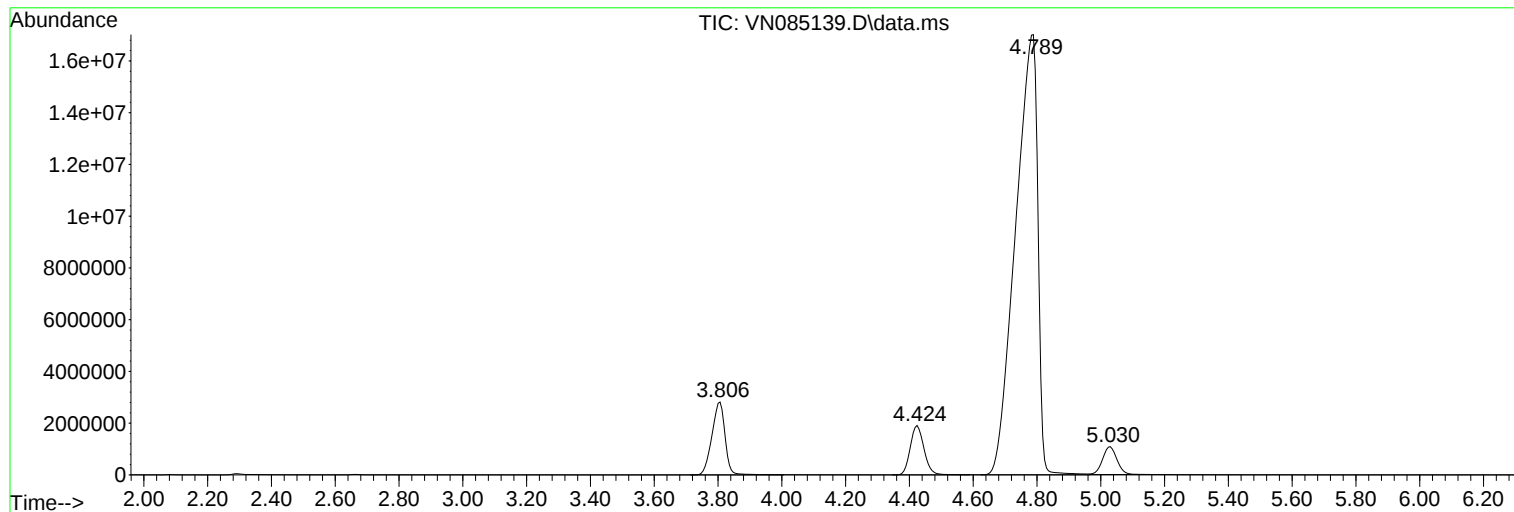
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120624\  
Data File : VN085139.D  
Acq On : 06 Dec 2024 20:03  
Operator : JC\MD  
Sample : P5192-01 5X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.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\VN120624\  
Data File : VN085139.D  
Acq On : 06 Dec 2024 20:03  
Operator : JC\MD  
Sample : P5192-01 5X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

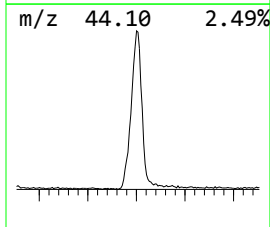
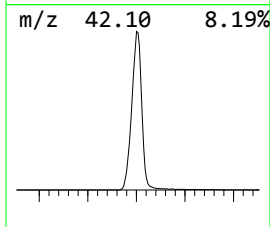
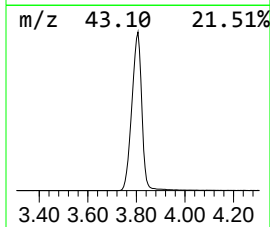
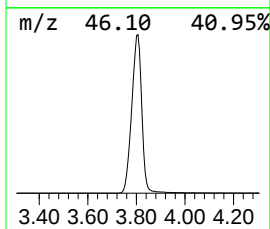
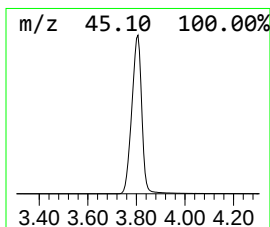
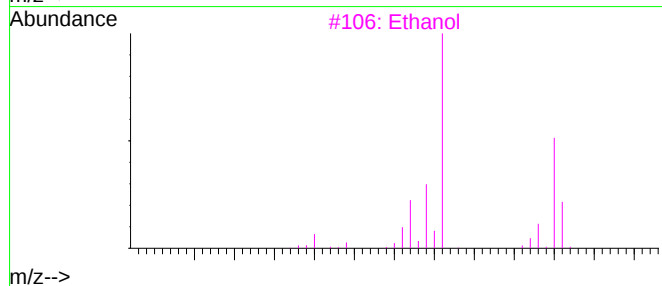
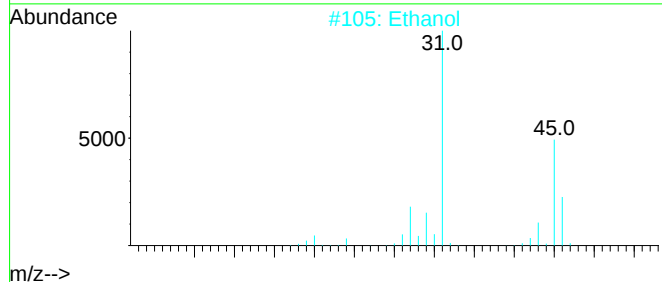
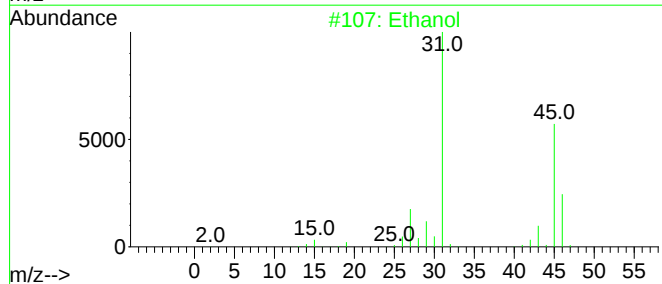
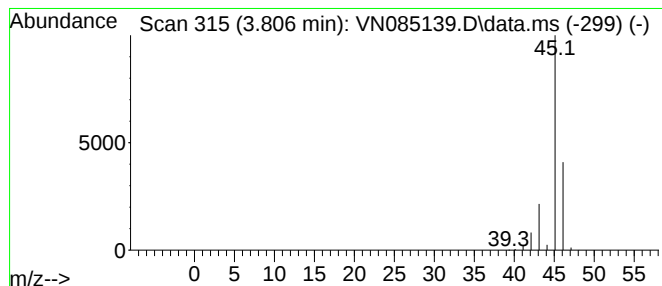
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Ethanol Concentration Rank 2

| R.T.  | EstConc    | Area    | Relative to ISTD   | R.T.  |
|-------|------------|---------|--------------------|-------|
| 3.806 | 10.79 ug/l | 8063780 | Bromochloromethane | 7.812 |

| Hit# of 5 | Tentative ID   | MW | MolForm | CAS#        | Qual |
|-----------|----------------|----|---------|-------------|------|
| 1         | Ethanol        | 46 | C2H6O   | 000064-17-5 | 83   |
| 2         | Ethanol        | 46 | C2H6O   | 000064-17-5 | 74   |
| 3         | Ethanol        | 46 | C2H6O   | 000064-17-5 | 74   |
| 4         | Ethanol        | 46 | C2H6O   | 000064-17-5 | 9    |
| 5         | Dimethyl ether | 46 | C2H6O   | 000115-10-6 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120624\  
Data File : VN085139.D  
Acq On : 06 Dec 2024 20:03  
Operator : JC\MD  
Sample : P5192-01 5X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

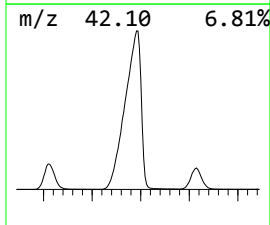
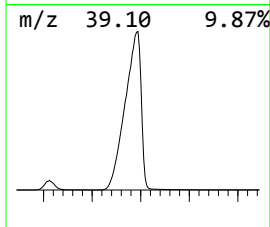
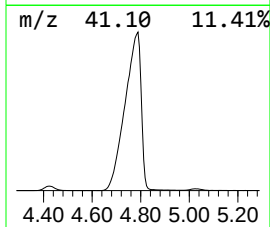
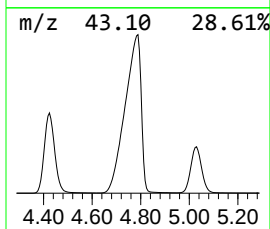
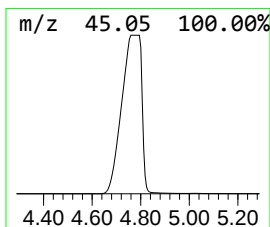
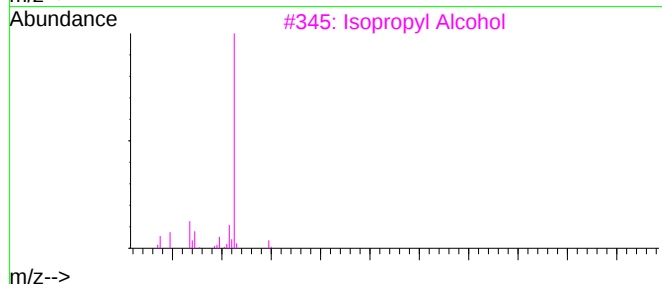
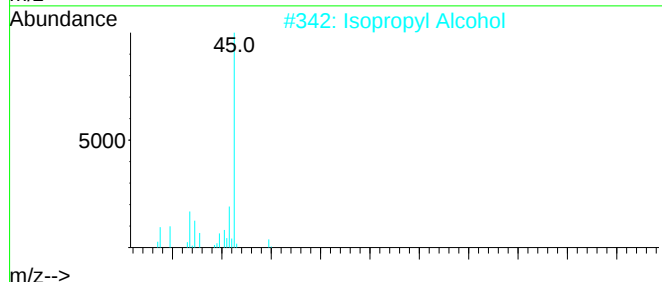
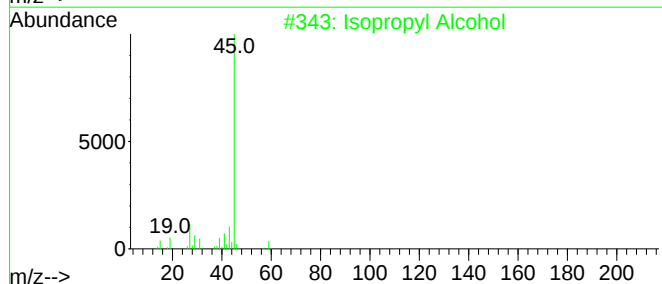
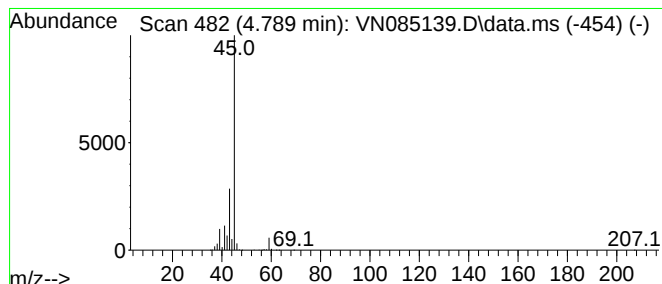
\*\*\*\*\*

Peak Number 2 Isopropyl Alcohol Concentration Rank 1

| R.T.  | EstConc     | Area     | Relative to ISTD   | R.T.  |
|-------|-------------|----------|--------------------|-------|
| 4.789 | 110.08 ug/l | 82240300 | Bromochloromethane | 7.812 |

| Hit# of 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|-----------|--------------------------|----|---------|-------------|------|
| 1         | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 2         | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 3         | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 4         | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 56   |
| 5         | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120624\  
Data File : VN085139.D  
Acq On : 06 Dec 2024 20:03  
Operator : JC\MD  
Sample : P5192-01 5X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
EFF-WASTE WATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N120624W.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 | # | RT    | Resp     | Conc |
|-------------------|-------|---------|-------|----------|---|-------|----------|------|
| Ethanol           | 3.806 | 10.8    | ug/l  | 8063780  | 1 | 7.812 | 22412700 | 30.0 |
| Isopropyl Alcohol | 4.789 | 110.1   | ug/l  | 82240300 | 1 | 7.812 | 22412700 | 30.0 |