

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083024\  
Data File : VN083598.D  
Acq On : 31 Aug 2024 06:33  
Operator : JC\MD  
Sample : P3769-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 43 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-07-6.5-082724

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\_N\methods\82N083024W.M

Title : SW846 8260

Signal : TIC: VN083598.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         | 2.295       | 51            | 58          | 74           | rBV3     | 73763          | 185094        | 18.01%          | 3.176%        |
| 2         | 4.441       | 411           | 423         | 442          | rBV      | 55191          | 165359        | 16.09%          | 2.838%        |
| 3         | 8.165       | 1047          | 1056        | 1060         | rBV      | 128082         | 296417        | 28.84%          | 5.087%        |
| 4         | 8.224       | 1060          | 1066        | 1079         | rVB      | 215913         | 482209        | 46.92%          | 8.275%        |
| 5         | 8.577       | 1117          | 1126        | 1135         | rBV      | 133920         | 301209        | 29.31%          | 5.169%        |
| 6         | 9.100       | 1206          | 1215        | 1224         | rBV      | 361952         | 722364        | 70.29%          | 12.396%       |
| 7         | 10.565      | 1456          | 1464        | 1474         | rBV      | 492953         | 891038        | 86.70%          | 15.291%       |
| 8         | 11.865      | 1677          | 1685        | 1696         | rVB      | 590508         | 1027743       | 100.00%         | 17.637%       |
| 9         | 12.847      | 1845          | 1852        | 1860         | rVB      | 443244         | 749219        | 72.90%          | 12.857%       |
| 10        | 13.788      | 2005          | 2012        | 2022         | rBV      | 598907         | 1006559       | 97.94%          | 17.273%       |

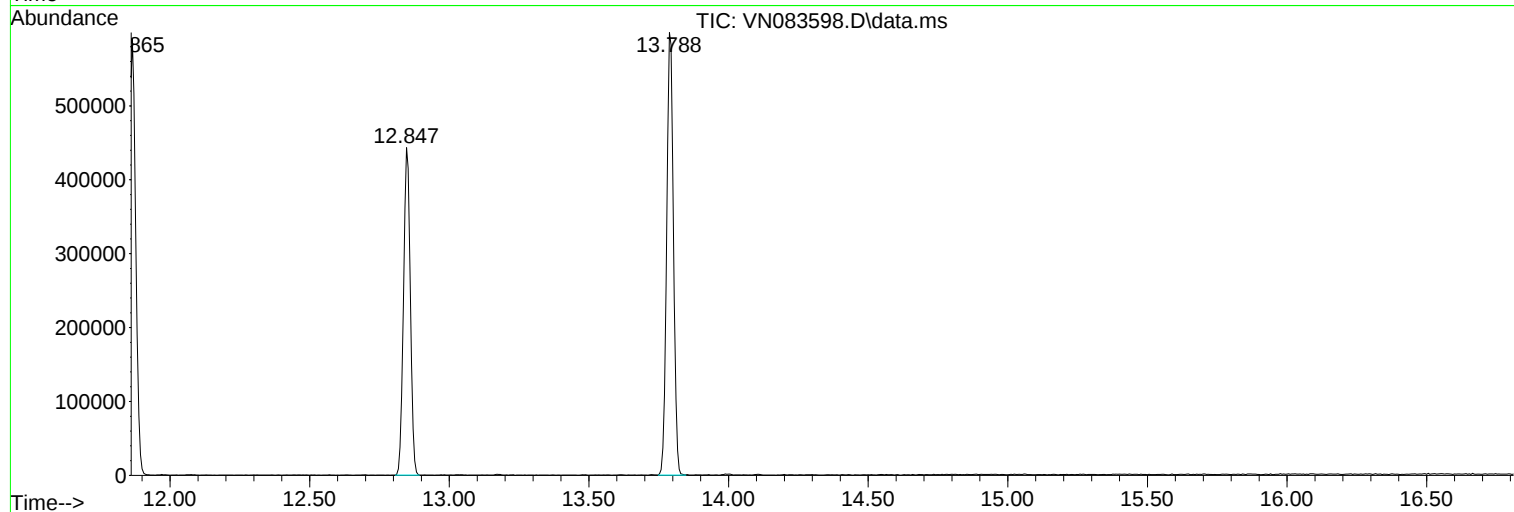
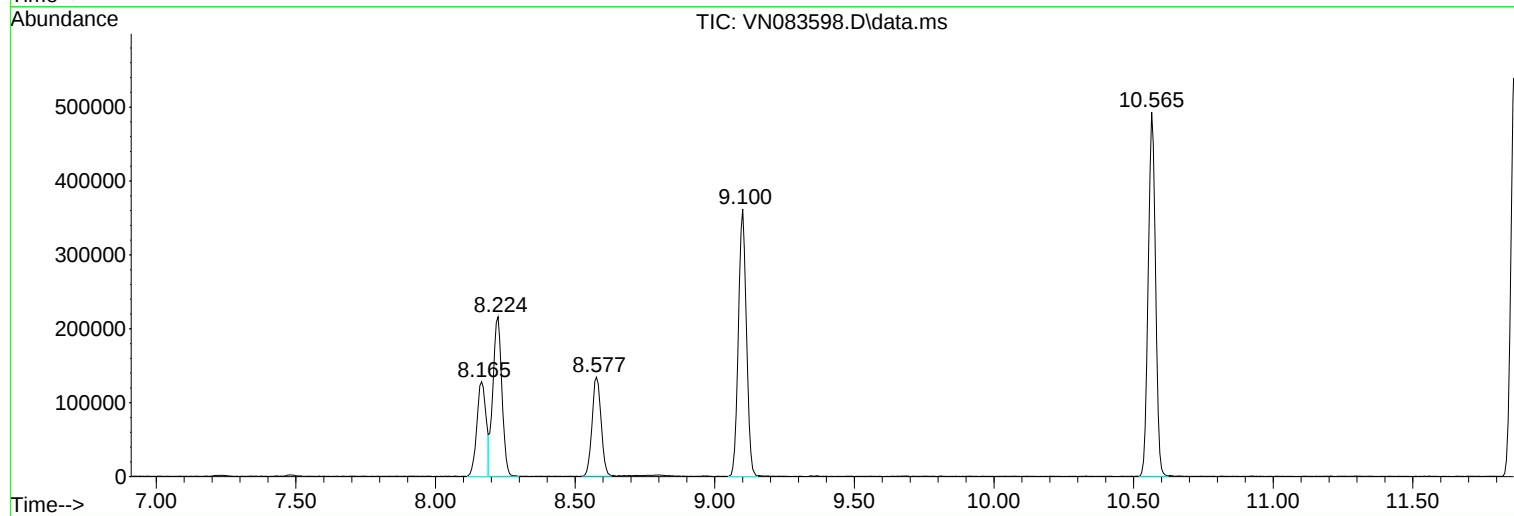
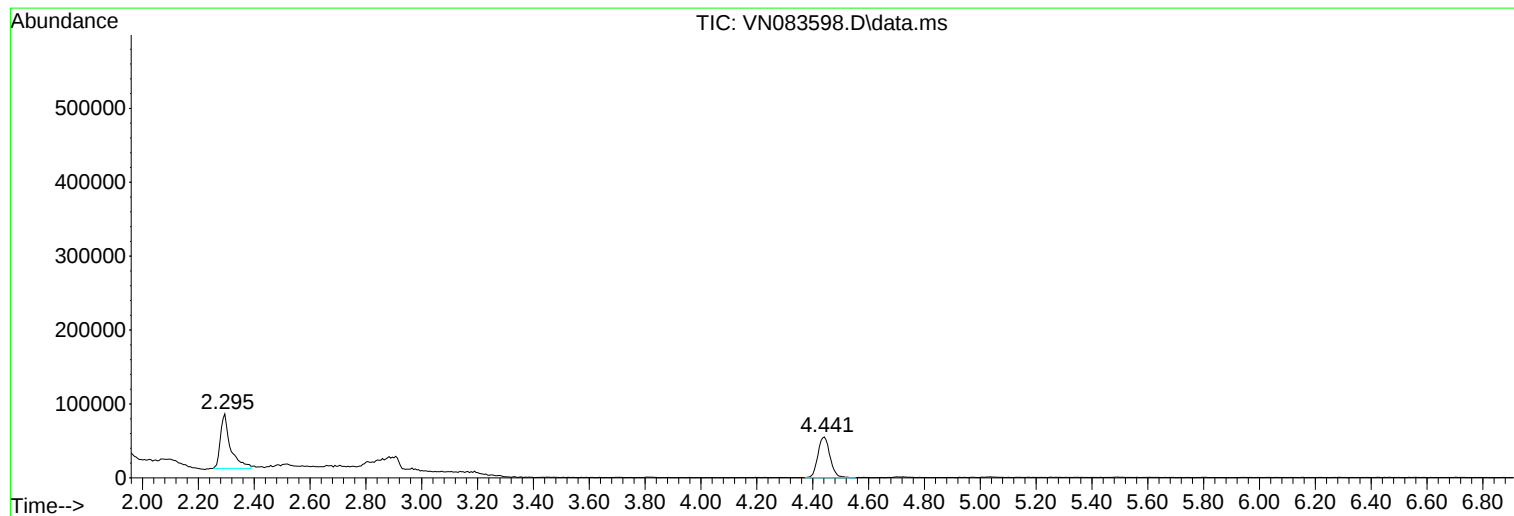
Sum of corrected areas: 5827211

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N083024W.M  
Quant Title : SW846 8260

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



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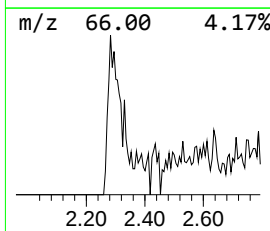
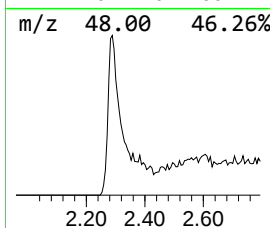
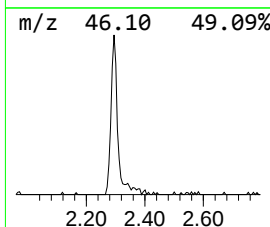
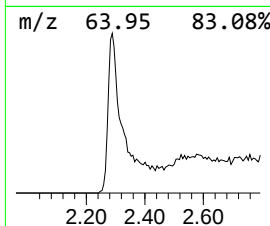
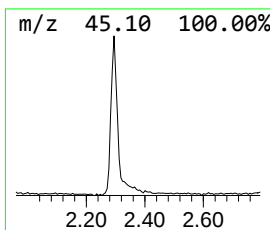
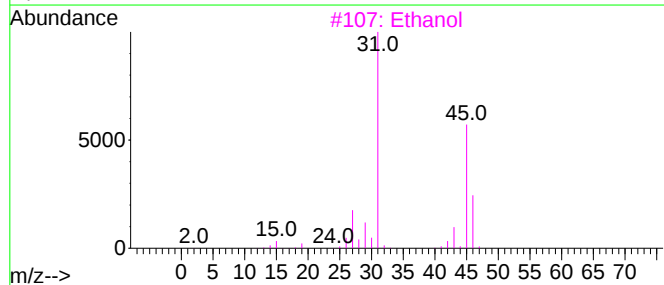
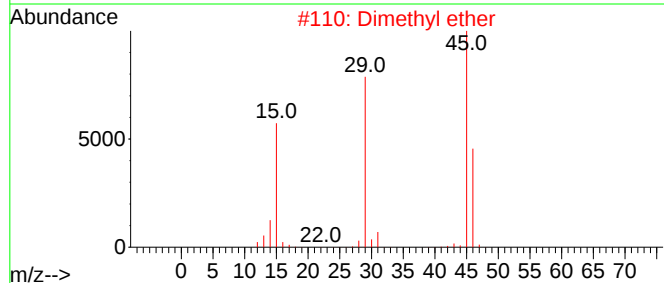
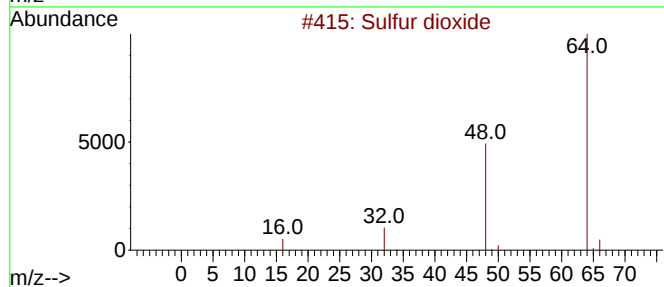
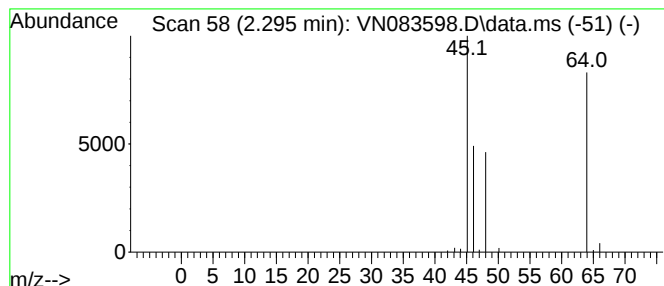
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.295 | 19.19 ug/l | 185094 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 64   |
| 2    |    |   | Dimethyl ether            | 46  | C2H6O    | 000115-10-6 | 10   |
| 3    |    |   | Ethanol                   | 46  | C2H6O    | 000064-17-5 | 9    |
| 4    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 5    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |



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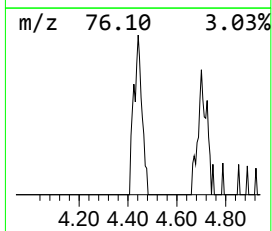
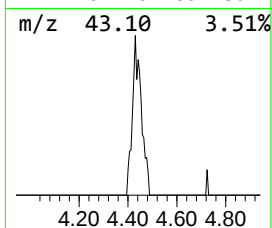
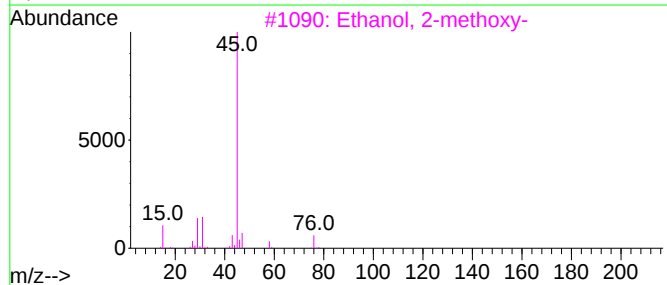
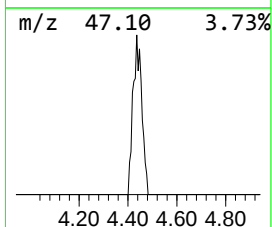
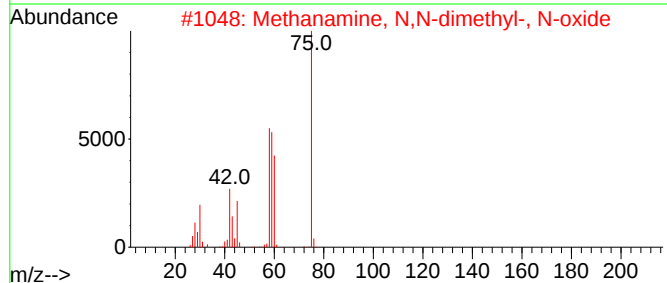
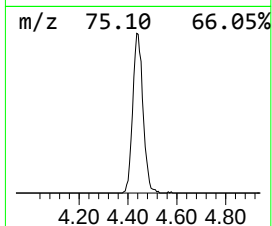
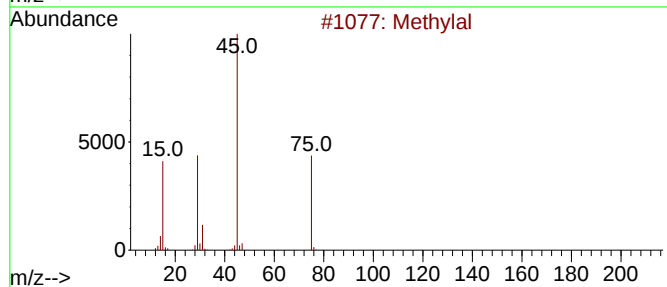
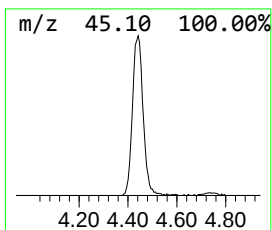
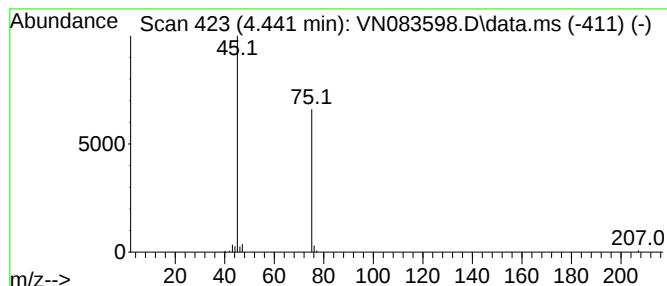
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Quant Title : SW846 8260

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

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Peak Number 2 Methylal Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.441 | 17.15 ug/l | 165359 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|----|---------|-------------|------|
| 1    |    |   | Methylal                            | 76 | C3H8O2  | 000109-87-5 | 90   |
| 2    |    |   | Methanamine, N,N-dimethyl-, N-oxide | 75 | C3H9NO  | 001184-78-7 | 9    |
| 3    |    |   | Ethanol, 2-methoxy-                 | 76 | C3H8O2  | 000109-86-4 | 7    |
| 4    |    |   | Formamide, N-methylthio             | 75 | C2H5NS  | 018952-41-5 | 7    |
| 5    |    |   | Ethanethioamide                     | 75 | C2H5NS  | 000062-55-5 | 5    |



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Quant Title : SW846 8260

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.295 | 19.2    | ug/l  | 185094   | 1                     | 8.224 | 482209 | 50.0 |
| Methylal         | 4.441 | 17.1    | ug/l  | 165359   | 1                     | 8.224 | 482209 | 50.0 |