

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
Data File : VN083676.D  
Acq On : 05 Sep 2024 15:26  
Operator : JC\MD  
Sample : P3815-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-10A-9.5-083024

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: VN083676.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         | 2.283       | 50            | 56          | 72           | rBV2     | 125510         | 312644        | 31.31%          | 5.350%        |
| 2         | 4.442       | 412           | 423         | 436          | rBV      | 73784          | 213726        | 21.41%          | 3.657%        |
| 3         | 7.482       | 931           | 940         | 948          | rVB3     | 6660           | 16402         | 1.64%           | 0.281%        |
| 4         | 8.165       | 1046          | 1056        | 1060         | rBV      | 124782         | 286272        | 28.67%          | 4.899%        |
| 5         | 8.224       | 1060          | 1066        | 1075         | rVB      | 201758         | 455752        | 45.65%          | 7.799%        |
| 6         | 8.577       | 1117          | 1126        | 1138         | rBV      | 134509         | 290982        | 29.14%          | 4.979%        |
| 7         | 9.100       | 1206          | 1215        | 1225         | rBV      | 332400         | 690016        | 69.11%          | 11.808%       |
| 8         | 10.565      | 1456          | 1464        | 1474         | rBV      | 471650         | 864479        | 86.58%          | 14.793%       |
| 9         | 11.865      | 1676          | 1685        | 1695         | rBV      | 567048         | 998463        | 100.00%         | 17.086%       |
| 10        | 12.847      | 1845          | 1852        | 1861         | rBV      | 434162         | 736872        | 73.80%          | 12.610%       |
| 11        | 13.788      | 2005          | 2012        | 2022         | rBV      | 583419         | 978121        | 97.96%          | 16.738%       |

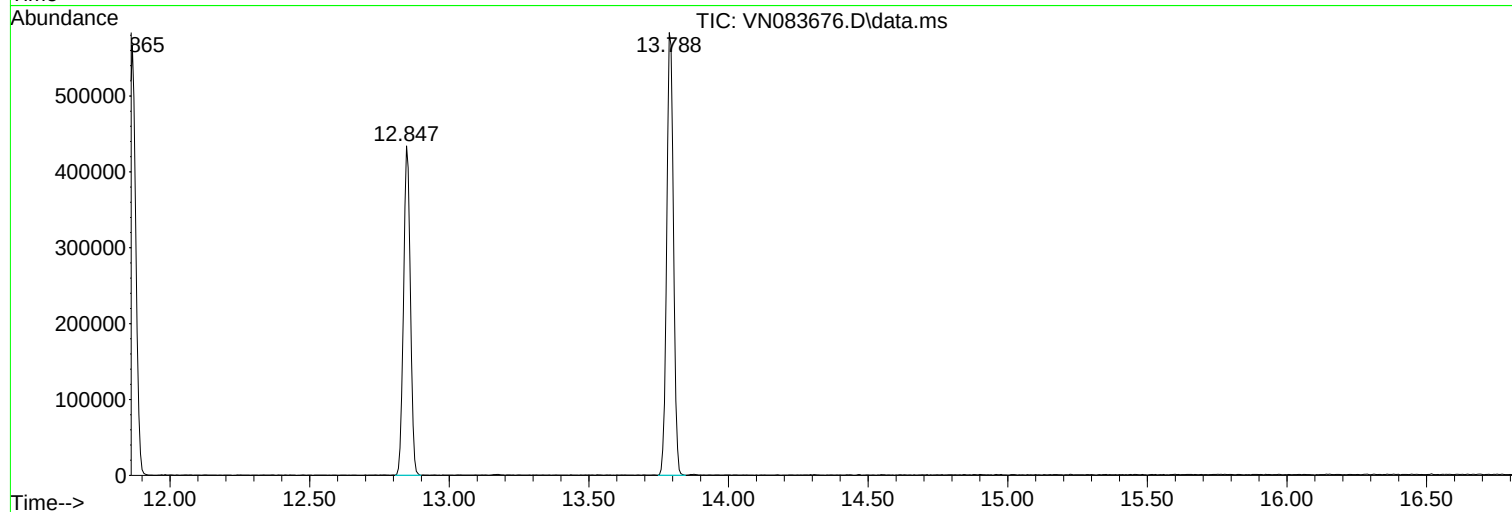
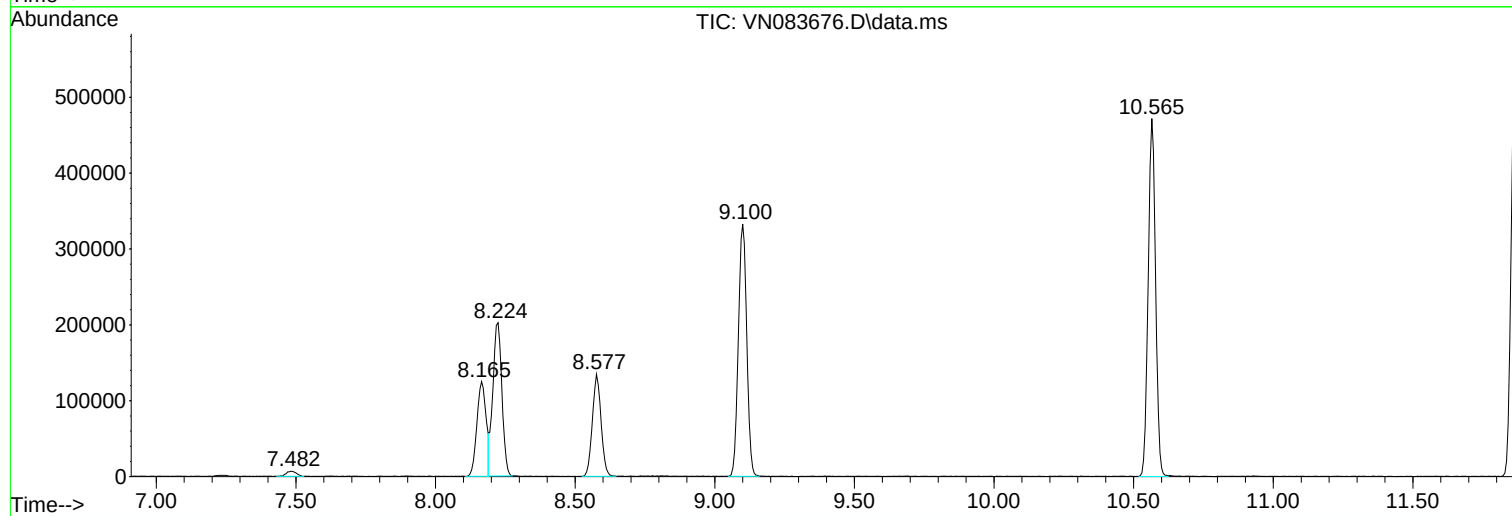
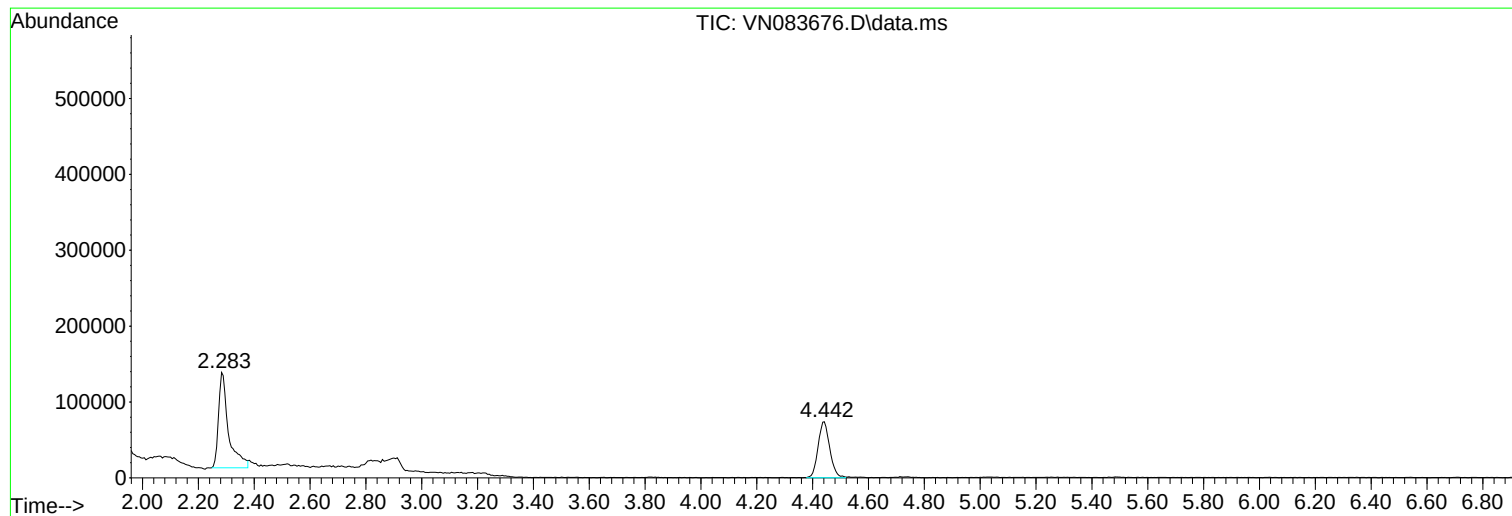
Sum of corrected areas: 5843729

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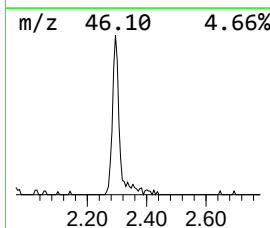
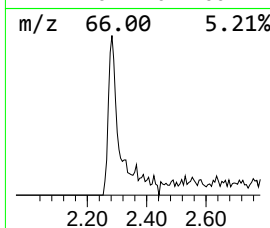
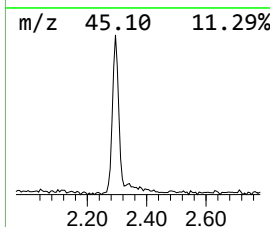
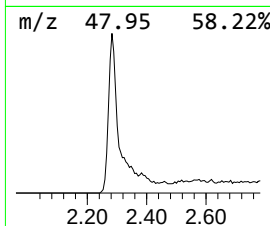
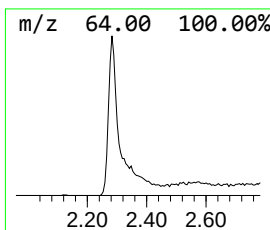
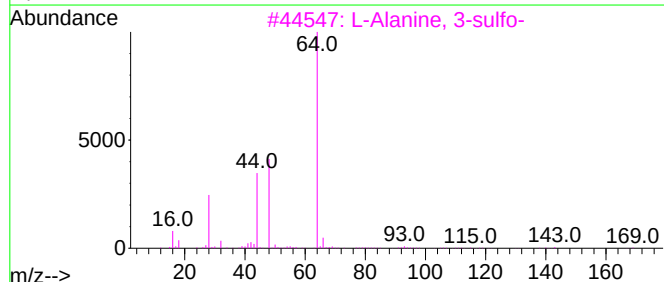
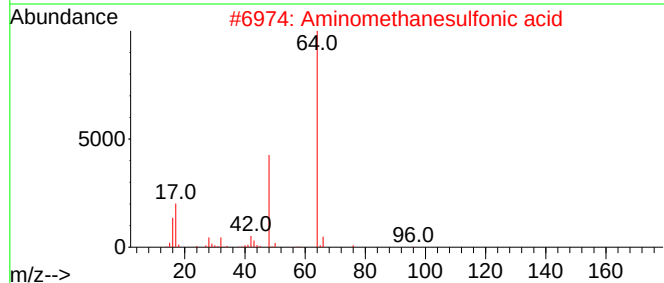
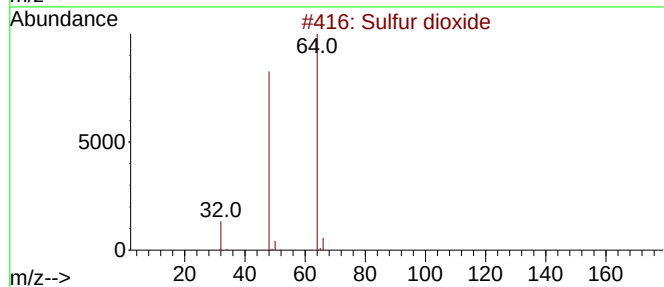
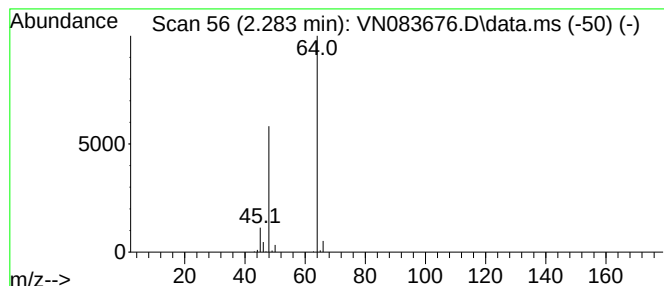
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.283 | 34.30 ug/l | 312644 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 83   |
| 2    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 74   |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Ethene, 1,2-difluoro-     | 64  | C2H2F2   | 001691-13-0 | 5    |
| 5    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 4    |



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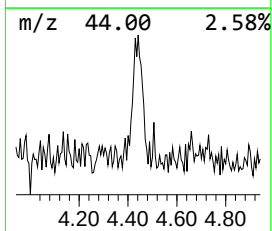
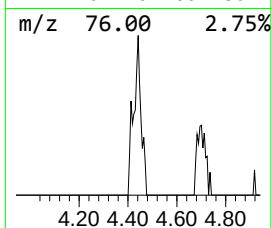
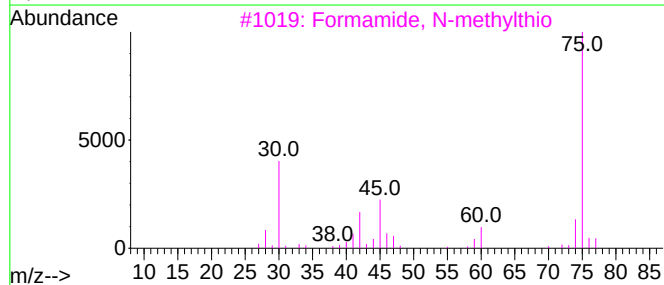
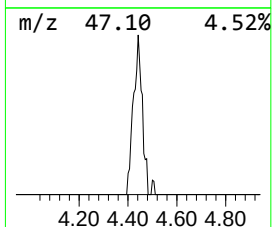
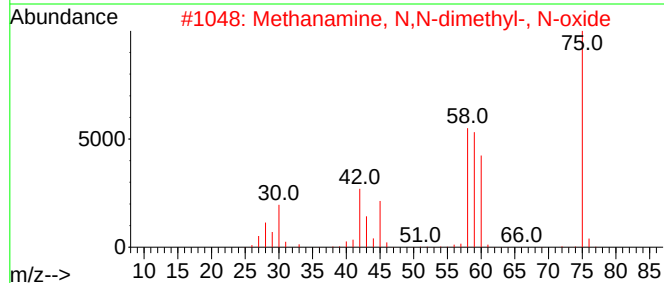
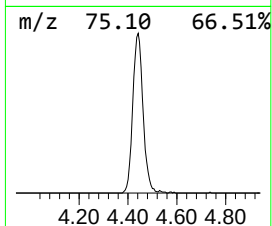
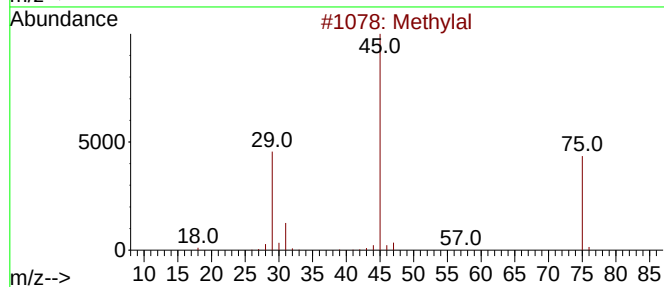
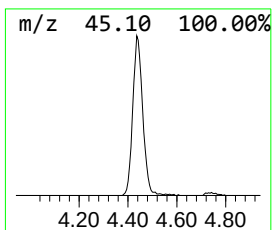
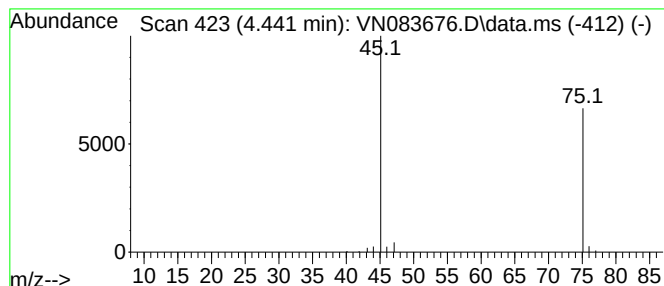
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Peak Number 2 Methylal Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.441 | 23.45 ug/l | 213726 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|----|---------|-------------|------|
| 1    |    |   | Methylal                            | 76 | C3H8O2  | 000109-87-5 | 83   |
| 2    |    |   | Methanamine, N,N-dimethyl-, N-oxide | 75 | C3H9NO  | 001184-78-7 | 9    |
| 3    |    |   | Formamide, N-methylthio             | 75 | C2H5NS  | 018952-41-5 | 7    |
| 4    |    |   | Ethanol, 2-methoxy-                 | 76 | C3H8O2  | 000109-86-4 | 7    |
| 5    |    |   | Ethanethioamide                     | 75 | C2H5NS  | 000062-55-5 | 5    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.283 | 34.3    | ug/l  | 312644   | 1                     | 8.224 | 455752 | 50.0 |
| Methylal         | 4.441 | 23.4    | ug/l  | 213726   | 1                     | 8.224 | 455752 | 50.0 |