

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN083024\  
Data File : VN083601.D  
Acq On : 31 Aug 2024 07:45  
Operator : JC\MD  
Sample : P3769-05  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-15B-42.5-082724

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: VN083601.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         | 2.289       | 51            | 57          | 81           | rBV2     | 82998          | 218362        | 20.56%          | 3.581%        |
| 2         | 4.442       | 412           | 423         | 437          | rBV      | 47606          | 139311        | 13.11%          | 2.285%        |
| 3         | 7.483       | 932           | 940         | 949          | rVB3     | 9968           | 23564         | 2.22%           | 0.386%        |
| 4         | 8.165       | 1046          | 1056        | 1060         | rBV      | 134566         | 306800        | 28.88%          | 5.031%        |
| 5         | 8.224       | 1060          | 1066        | 1078         | rVB      | 219859         | 494022        | 46.50%          | 8.102%        |
| 6         | 8.577       | 1115          | 1126        | 1137         | rBV      | 137020         | 308181        | 29.01%          | 5.054%        |
| 7         | 9.100       | 1206          | 1215        | 1224         | rBV      | 374214         | 752321        | 70.82%          | 12.338%       |
| 8         | 9.353       | 1252          | 1258        | 1266         | rVB2     | 10993          | 21308         | 2.01%           | 0.349%        |
| 9         | 10.565      | 1456          | 1464        | 1473         | rBV      | 515351         | 936712        | 88.18%          | 15.362%       |
| 10        | 11.865      | 1677          | 1685        | 1694         | rBV      | 605321         | 1062315       | 100.00%         | 17.421%       |
| 11        | 12.847      | 1844          | 1852        | 1861         | rBV      | 462895         | 779576        | 73.38%          | 12.785%       |
| 12        | 13.788      | 2005          | 2012        | 2021         | rBV      | 616421         | 1055296       | 99.34%          | 17.306%       |

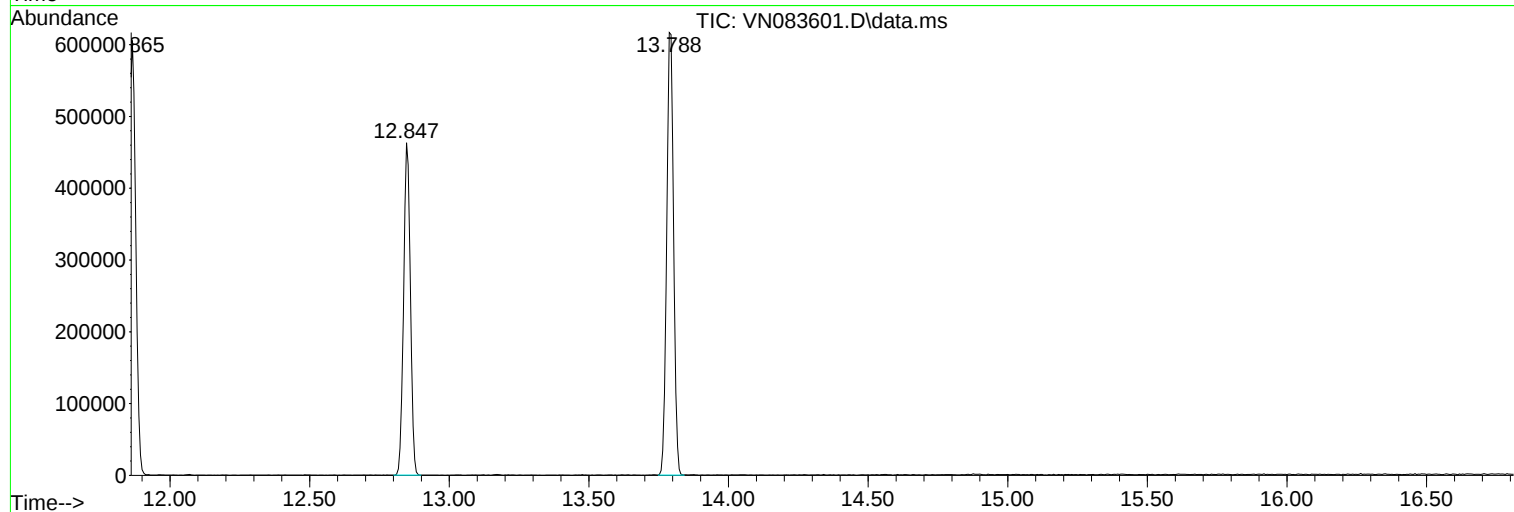
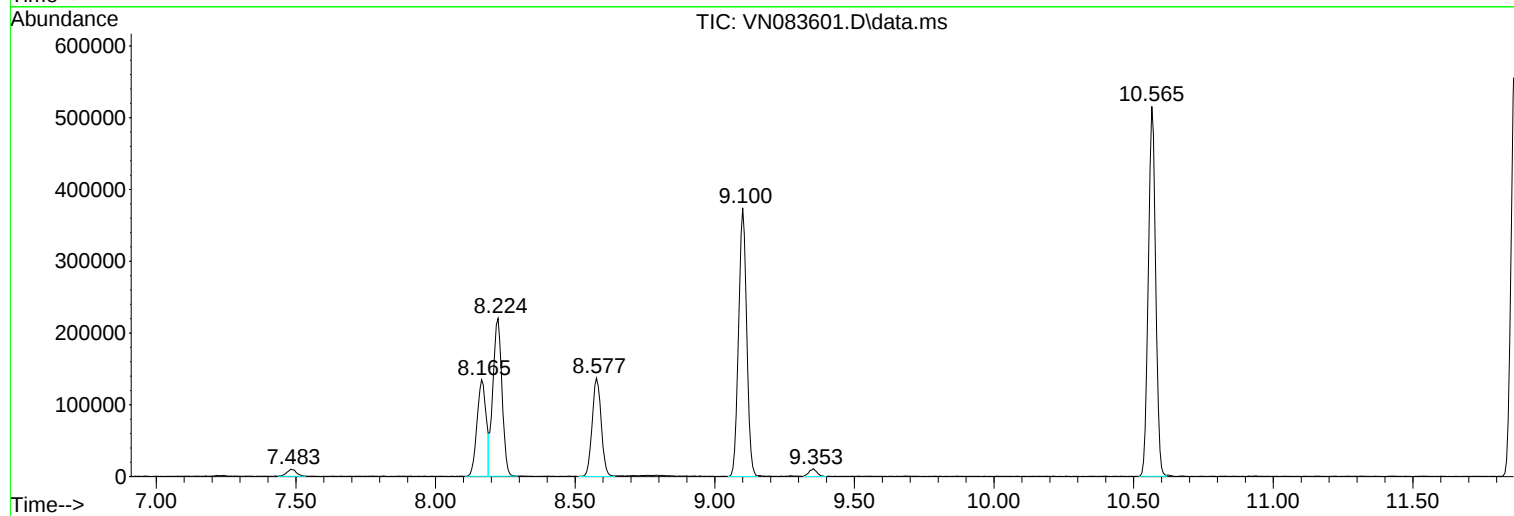
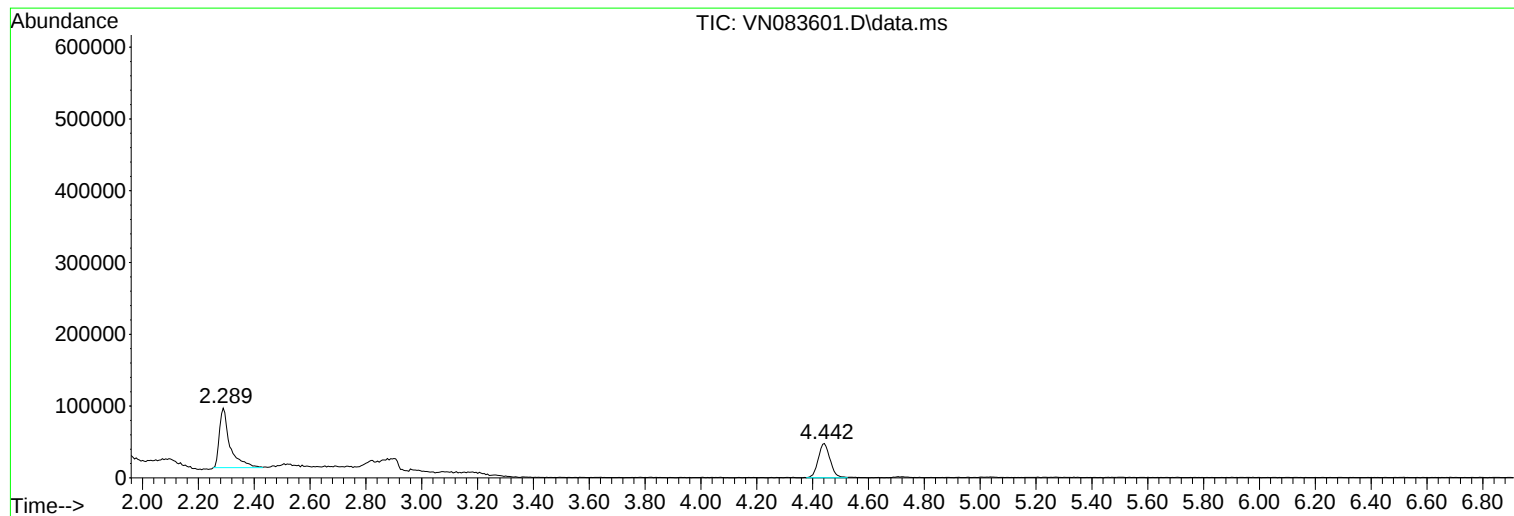
Sum of corrected areas: 6097768

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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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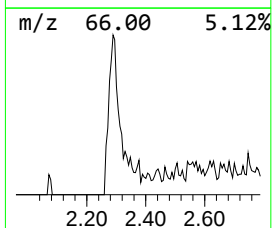
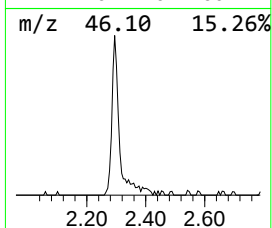
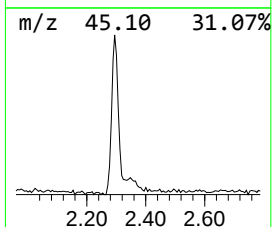
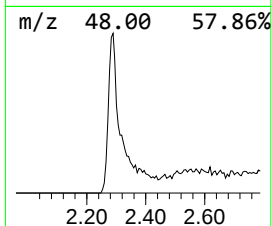
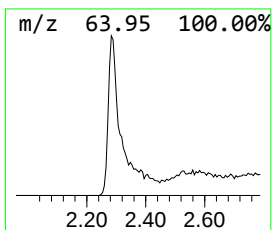
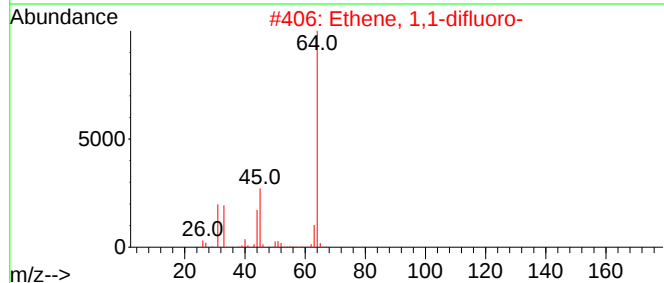
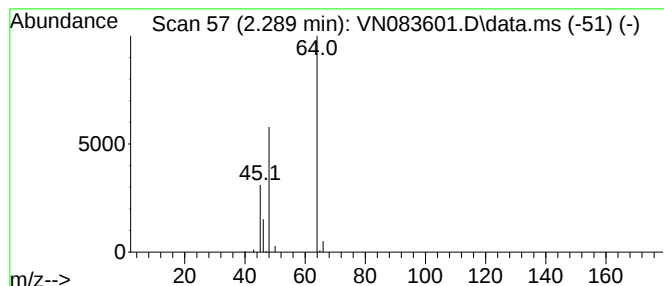
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Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.289 | 22.10 ug/l | 218362 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------|-----|----------|-------------|------|
| 1    |    |   | Sulfur dioxide            | 64  | O2S      | 007446-09-5 | 86   |
| 2    |    |   | Ethene, 1,1-difluoro-     | 64  | C2H2F2   | 000075-38-7 | 9    |
| 3    |    |   | L-Alanine, 3-sulfo-       | 169 | C3H7NO5S | 000498-40-8 | 9    |
| 4    |    |   | Aminomethanesulfonic acid | 111 | CH5NO3S  | 013881-91-9 | 9    |
| 5    |    |   | Ethanol, 2-fluoro-        | 64  | C2H5FO   | 000371-62-0 | 5    |



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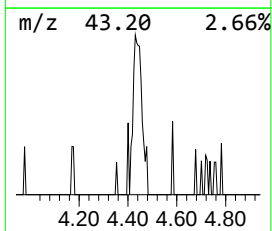
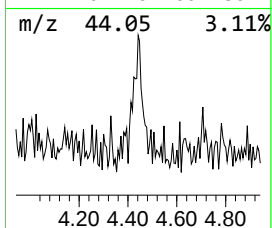
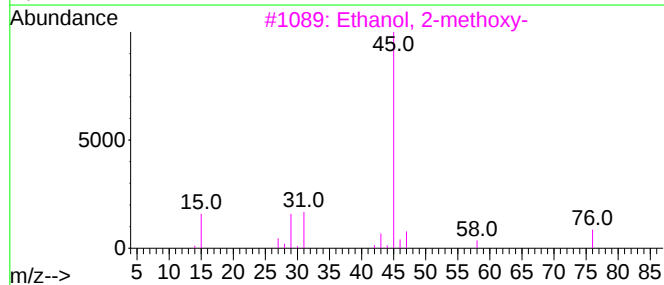
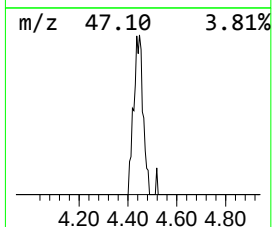
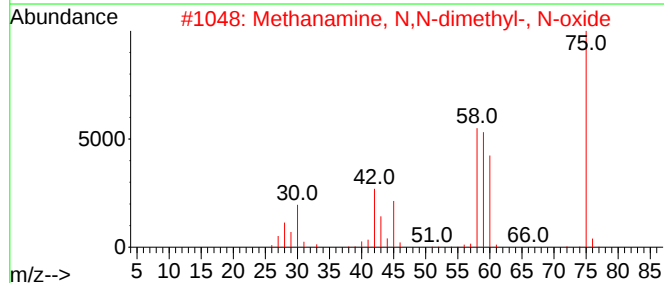
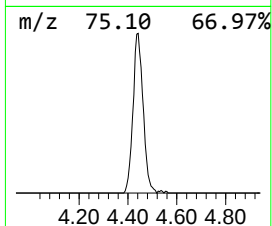
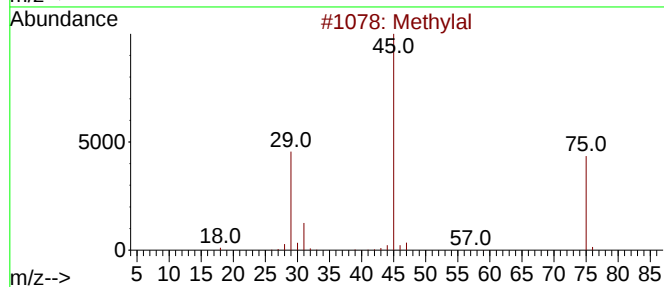
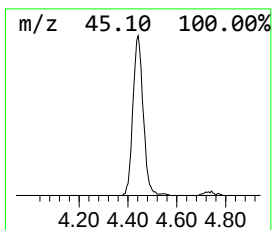
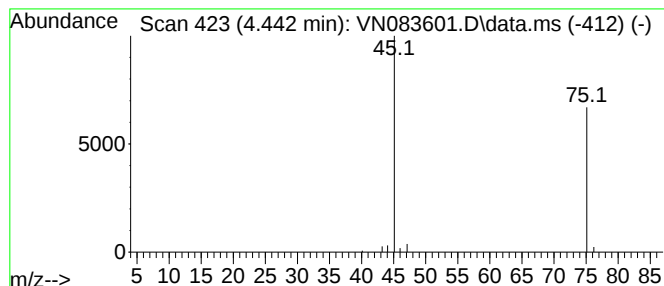
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Peak Number 2 Methylal Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.442 | 14.10 ug/l | 139311 | 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    |    |   | Ethanol, 2-methoxy-                 | 76 | C3H8O2  | 000109-86-4 | 5    |
| 4    |    |   | Formamide                           | 45 | CH3NO   | 000075-12-7 | 4    |
| 5    |    |   | 2,3-Butanediol, [S-(R*,R*)]-        | 90 | C4H10O2 | 019132-06-0 | 4    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.289 | 22.1    | ug/l  | 218362   | 1                     | 8.224 | 494022 | 50.0 |
| Methylal         | 4.442 | 14.1    | ug/l  | 139311   | 1                     | 8.224 | 494022 | 50.0 |