

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
 Data File : VN083685.D  
 Acq On : 05 Sep 2024 19:03  
 Operator : JC\MD  
 Sample : P3815-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 OWBR-05-134.8-083024

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: VN083685.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          | 81           | rBV2     | 153583         | 376745        | 39.21%          | 4.806%        |
| 2         | 4.330       | 390           | 404         | 415          | rBV      | 313214         | 896318        | 93.29%          | 11.434%       |
| 3         | 4.442       | 415           | 423         | 441          | rVB      | 69491          | 209732        | 21.83%          | 2.675%        |
| 4         | 4.695       | 454           | 466         | 482          | rBV      | 21170          | 69462         | 7.23%           | 0.886%        |
| 5         | 5.783       | 640           | 651         | 662          | rBV3     | 27779          | 80593         | 8.39%           | 1.028%        |
| 6         | 6.442       | 753           | 763         | 773          | rBV3     | 12095          | 37464         | 3.90%           | 0.478%        |
| 7         | 6.559       | 773           | 783         | 797          | rVB2     | 16723          | 49506         | 5.15%           | 0.632%        |
| 8         | 7.483       | 929           | 940         | 953          | rBV      | 274800         | 702437        | 73.11%          | 8.960%        |
| 9         | 8.165       | 1046          | 1056        | 1060         | rBV      | 119674         | 280939        | 29.24%          | 3.584%        |
| 10        | 8.224       | 1060          | 1066        | 1077         | rVB      | 194725         | 435103        | 45.29%          | 5.550%        |
| 11        | 8.577       | 1117          | 1126        | 1135         | rBV      | 126805         | 285163        | 29.68%          | 3.638%        |
| 12        | 8.671       | 1135          | 1142        | 1150         | rVB      | 17188          | 36287         | 3.78%           | 0.463%        |
| 13        | 9.100       | 1206          | 1215        | 1226         | rBV      | 323954         | 658991        | 68.59%          | 8.406%        |
| 14        | 9.353       | 1249          | 1258        | 1267         | rVB      | 117313         | 231227        | 24.07%          | 2.950%        |
| 15        | 9.700       | 1308          | 1317        | 1326         | rVB2     | 5797           | 11278         | 1.17%           | 0.144%        |
| 16        | 10.565      | 1454          | 1464        | 1472         | rBV      | 453831         | 839299        | 87.36%          | 10.706%       |
| 17        | 10.629      | 1472          | 1475        | 1486         | rVB2     | 10088          | 16017         | 1.67%           | 0.204%        |
| 18        | 11.865      | 1677          | 1685        | 1696         | rVB      | 543936         | 960751        | 100.00%         | 12.256%       |
| 19        | 12.847      | 1843          | 1852        | 1864         | rVB      | 415297         | 712037        | 74.11%          | 9.083%        |
| 20        | 13.788      | 2005          | 2012        | 2020         | rBV      | 558004         | 936178        | 97.44%          | 11.942%       |
| 21        | 13.876      | 2022          | 2027        | 2034         | rVB3     | 8210           | 13810         | 1.44%           | 0.176%        |

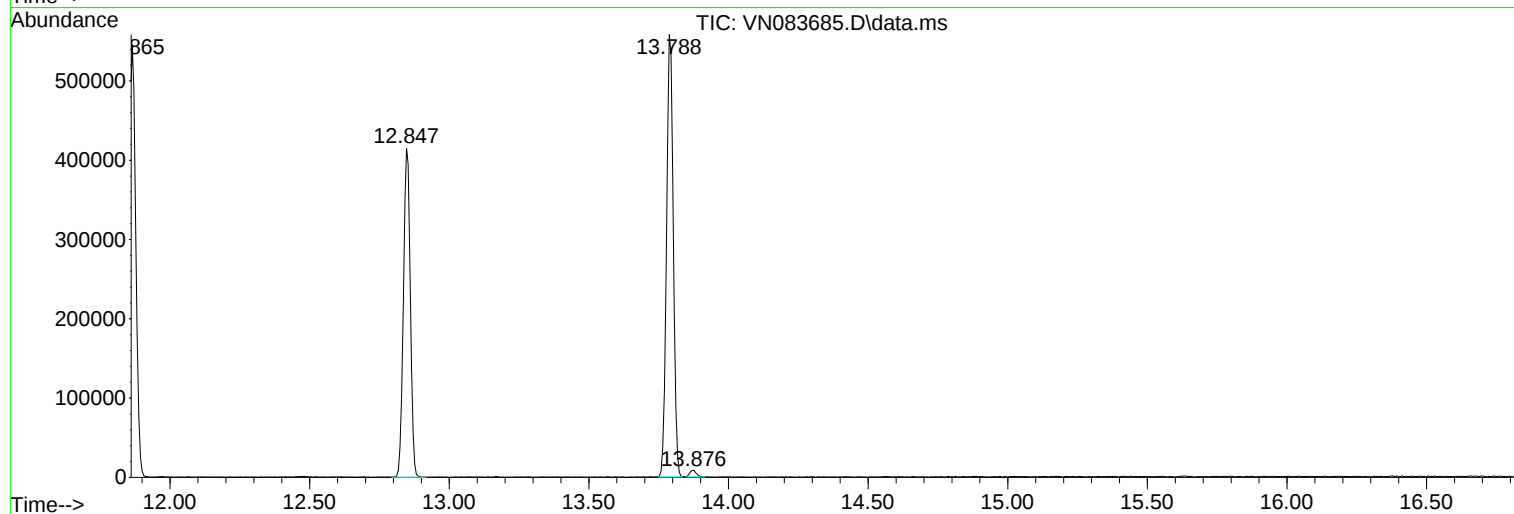
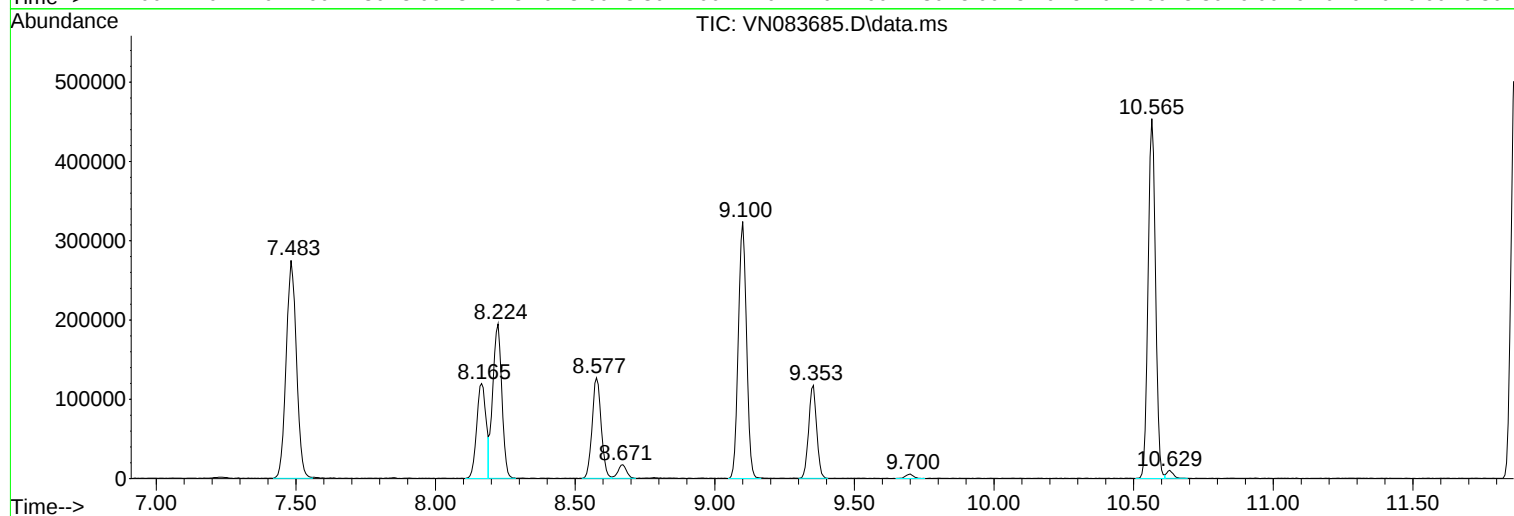
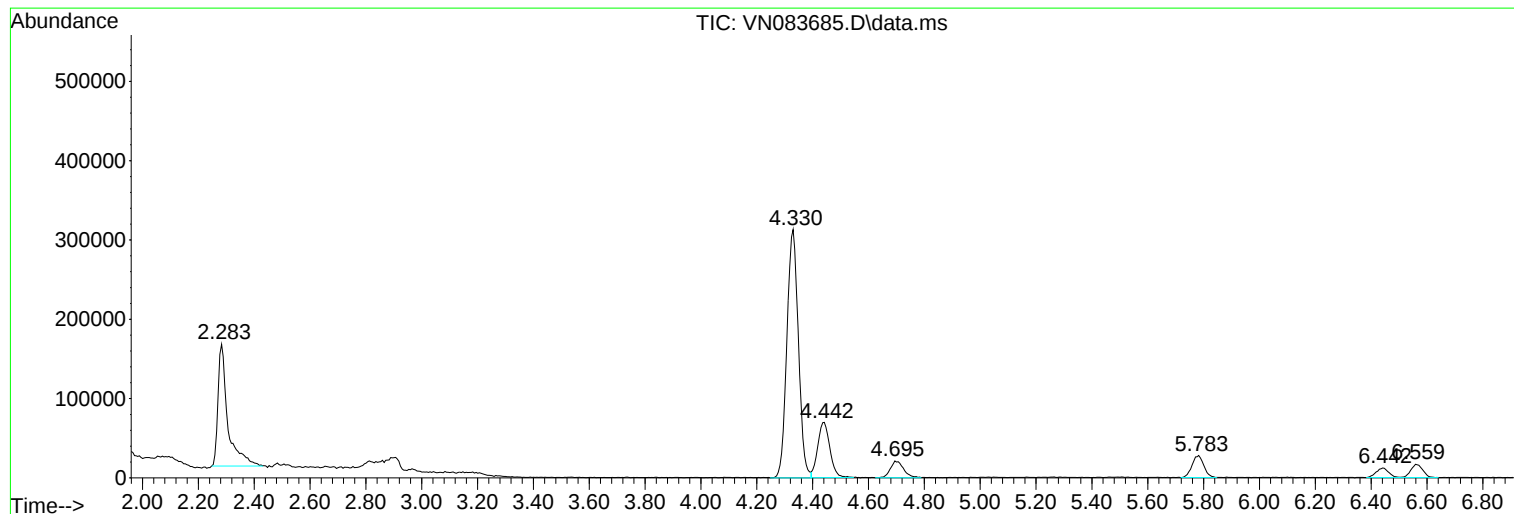
Sum of corrected areas: 7839337

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
Data File : VN083685.D  
Acq On : 05 Sep 2024 19:03  
Operator : JC\MD  
Sample : P3815-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
Data File : VN083685.D  
Acq On : 05 Sep 2024 19:03  
Operator : JC\MD  
Sample : P3815-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

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

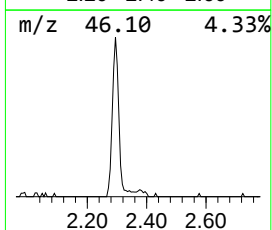
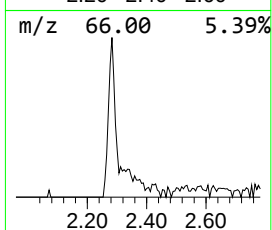
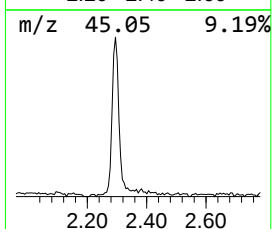
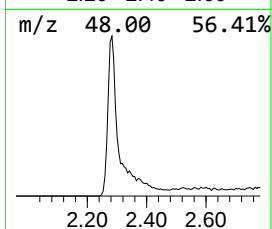
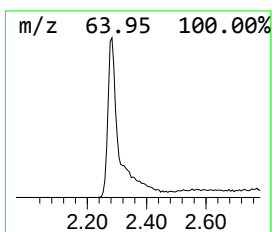
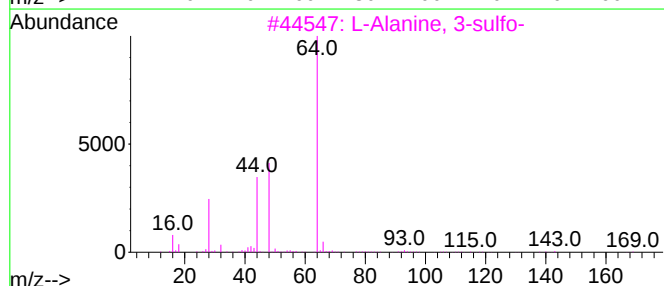
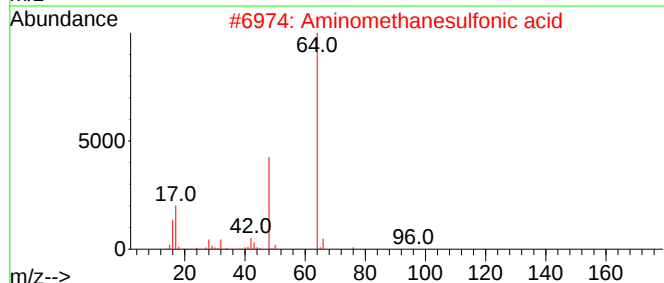
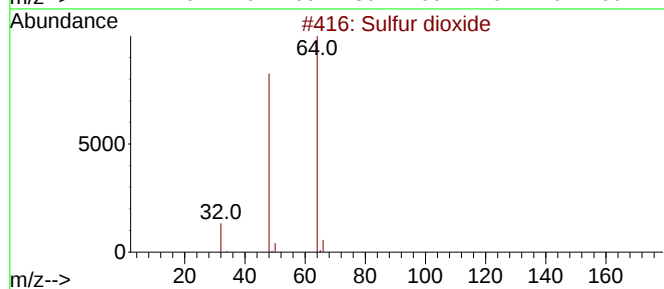
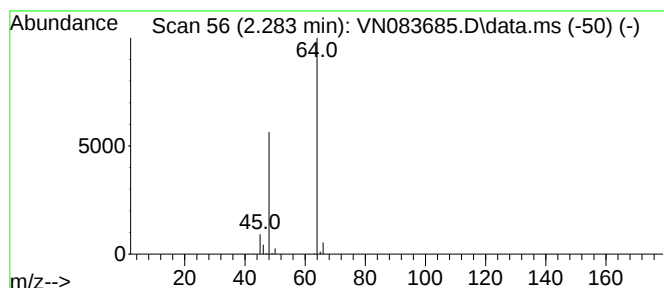
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 Sulfur dioxide Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 2.283 | 43.29 ug/l | 376745 | 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    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
Data File : VN083685.D  
Acq On : 05 Sep 2024 19:03  
Operator : JC\MD  
Sample : P3815-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

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

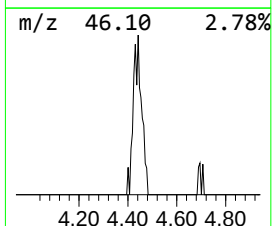
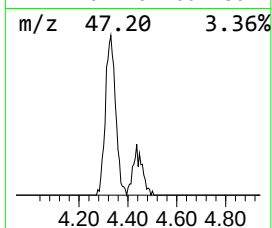
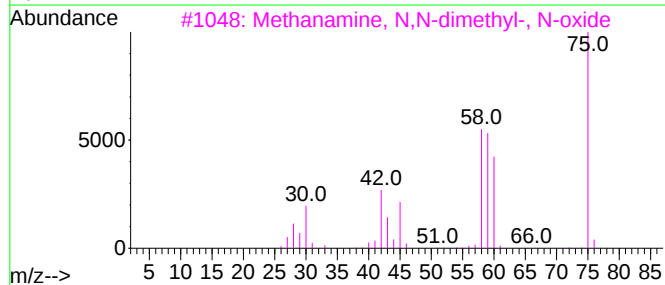
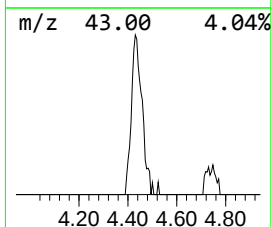
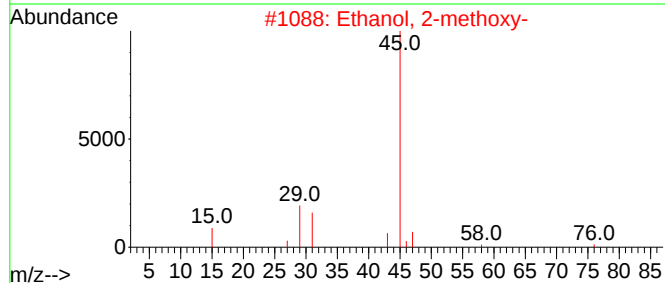
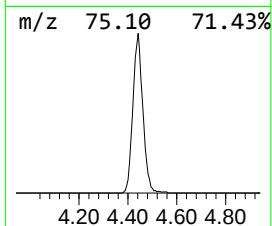
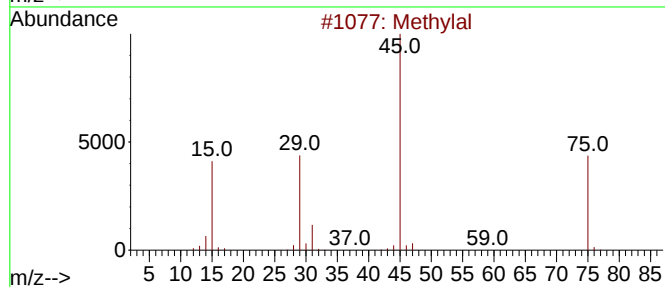
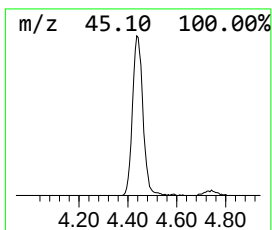
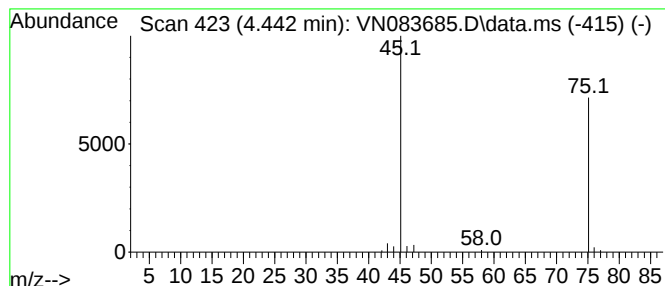
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 2 Methylal Concentration Rank 2

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 4.442 | 24.10 ug/l | 209732 | Pentafluorobenzene | 8.224 |

| Hit# | of | 5 | Tentative ID                        | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|----|---------|-------------|------|
| 1    |    |   | Methylal                            | 76 | C3H8O2  | 000109-87-5 | 83   |
| 2    |    |   | Ethanol, 2-methoxy-                 | 76 | C3H8O2  | 000109-86-4 | 7    |
| 3    |    |   | Methanamine, N,N-dimethyl-, N-oxide | 75 | C3H9NO  | 001184-78-7 | 5    |
| 4    |    |   | Glycine                             | 75 | C2H5NO2 | 000056-40-6 | 4    |
| 5    |    |   | Thiirane                            | 60 | C2H4S   | 000420-12-2 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090524\  
Data File : VN083685.D  
Acq On : 05 Sep 2024 19:03  
Operator : JC\MD  
Sample : P3815-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
OWBR-05-134.8-083024

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Sulfur dioxide   | 2.283 | 43.3    | ug/l  | 376745   | 1                     | 8.224 | 435103 | 50.0 |
| Methylal         | 4.442 | 24.1    | ug/l  | 209732   | 1                     | 8.224 | 435103 | 50.0 |