

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111324\  
 Data File : VN084832.D  
 Acq On : 13 Nov 2024 17:35  
 Operator : JC\MD  
 Sample : P4770-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRIP-BLANK

Integration Parameters: RTEINT.P  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
 Title : SW846 8260

Signal : TIC: VN084832.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       | 48            | 57          | 67           | rBV2     | 18475          | 44389         | 5.19%           | 0.933%        |
| 2         | 2.842       | 139           | 151         | 152          | rBV6     | 9828           | 24359         | 2.85%           | 0.512%        |
| 3         | 4.442       | 412           | 423         | 434          | rBV2     | 19923          | 57513         | 6.72%           | 1.209%        |
| 4         | 7.224       | 889           | 896         | 911          | rVB2     | 3390           | 9989          | 1.17%           | 0.210%        |
| 5         | 8.159       | 1046          | 1055        | 1060         | rBV      | 125622         | 303353        | 35.45%          | 6.378%        |
| 6         | 8.218       | 1060          | 1065        | 1077         | rVB      | 219128         | 494939        | 57.84%          | 10.407%       |
| 7         | 8.577       | 1116          | 1126        | 1135         | rBV      | 135560         | 307142        | 35.90%          | 6.458%        |
| 8         | 8.783       | 1159          | 1161        | 1173         | rVB4     | 5357           | 14143         | 1.65%           | 0.297%        |
| 9         | 9.094       | 1204          | 1214        | 1228         | rBV      | 317103         | 656907        | 76.77%          | 13.812%       |
| 10        | 10.565      | 1455          | 1464        | 1477         | rBV      | 470533         | 855646        | 100.00%         | 17.991%       |
| 11        | 11.865      | 1677          | 1685        | 1697         | rBV      | 421463         | 754461        | 88.17%          | 15.863%       |
| 12        | 12.847      | 1845          | 1852        | 1861         | rBV      | 340668         | 564948        | 66.03%          | 11.879%       |
| 13        | 13.788      | 2003          | 2012        | 2022         | rBV      | 399756         | 668239        | 78.10%          | 14.050%       |

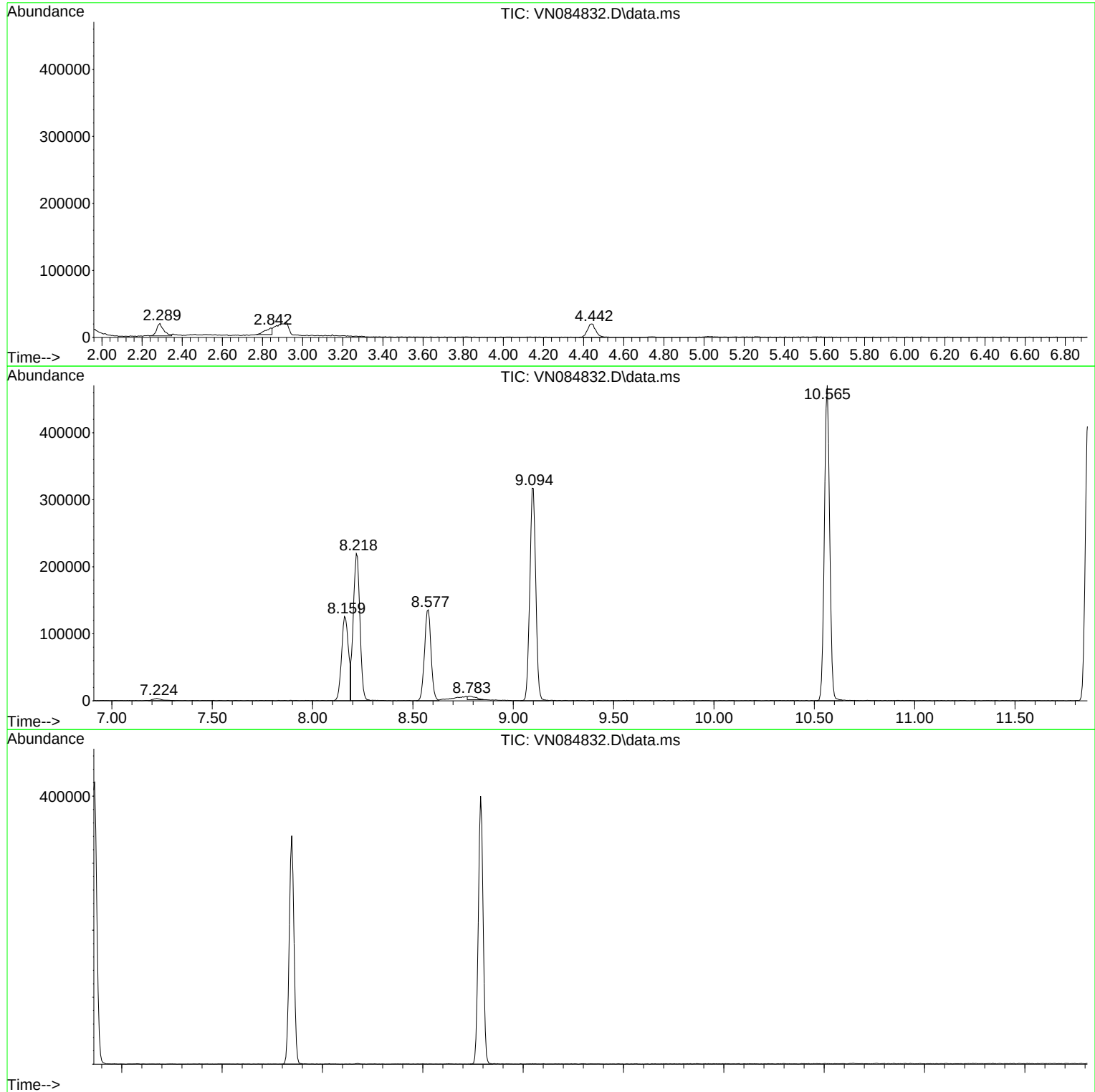
Sum of corrected areas: 4756028

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N103024W.M  
Quant Title : SW846 8260

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



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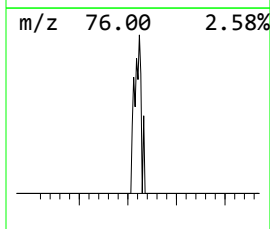
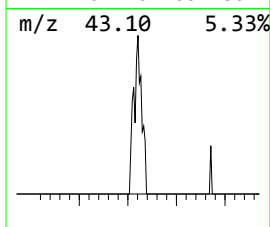
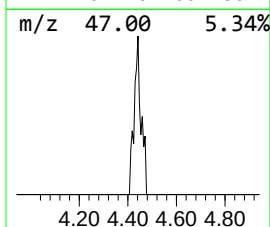
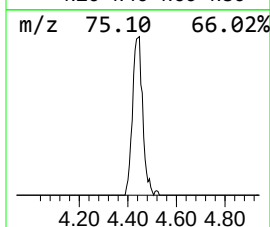
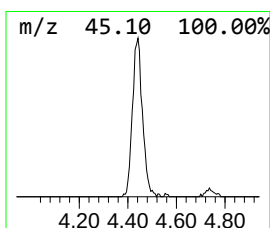
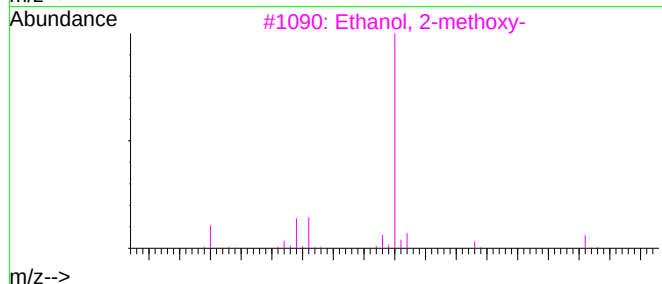
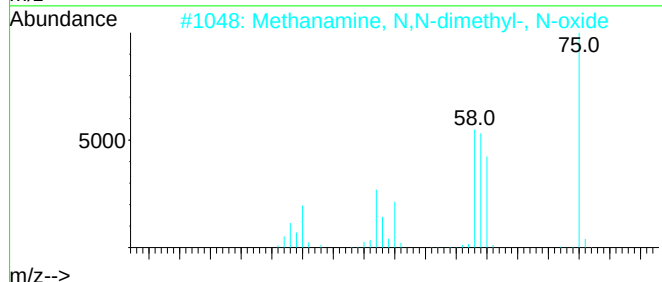
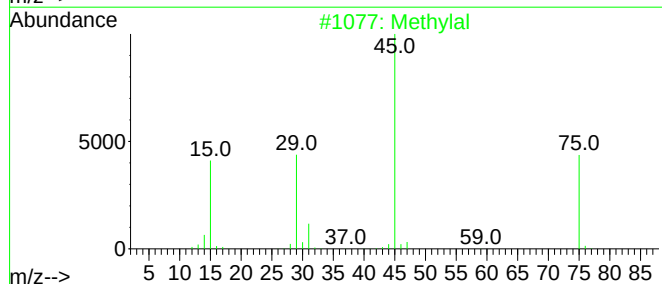
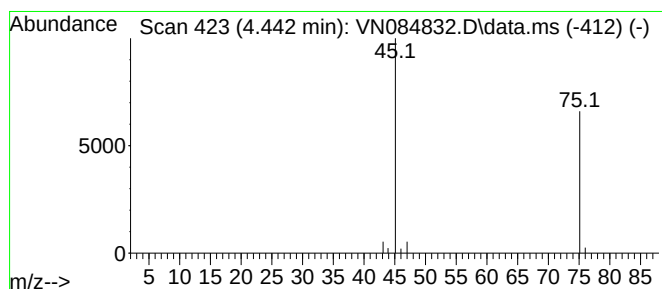
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Methylal Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 4.442 | 5.81 ug/l | 57513 | Pentafluorobenzene | 8.218 |

| 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 | 5    |
| 4         | Thiirane                            | 60  | C2H4S   | 000420-12-2 | 4    |
| 5         | Glycolaldehyde dimethyl acetal      | 106 | C4H10O3 | 030934-97-5 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | # | RT    | Resp   | Conc |
|------------------|-------|---------|-------|----------|---|-------|--------|------|
| Methylal         | 4.442 | 5.8     | ug/l  | 57513    | 1 | 8.218 | 494939 | 50.0 |