

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD111418\  
 Data File : VD060388.D  
 Acq On : 14 Nov 2018 19:30  
 Operator : JC/SY  
 Sample : J5918-11  
 Misc : 5.01g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FDSB-01(10-12)

## 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\_D\METHOD\82D110618S.M  
 Title : SW846 8260

Signal : TIC

| 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         | 3.696       | 215           | 221         | 239          | rVB      | 173719         | 537642        | 9.83%           | 1.501%        |
| 2         | 5.615       | 410           | 416         | 429          | rBV      | 45424          | 160508        | 2.93%           | 0.448%        |
| 3         | 6.068       | 457           | 462         | 473          | rBV      | 86059          | 222148        | 4.06%           | 0.620%        |
| 4         | 6.294       | 478           | 485         | 488          | rBV      | 776838         | 1987541       | 36.33%          | 5.550%        |
| 5         | 6.373       | 488           | 493         | 512          | rVB      | 1660108        | 4455223       | 81.44%          | 12.441%       |
| 6         | 6.747       | 523           | 531         | 545          | rBV2     | 626774         | 1742458       | 31.85%          | 4.866%        |
| 7         | 7.406       | 592           | 598         | 617          | rBV      | 2060406        | 5052809       | 92.37%          | 14.110%       |
| 8         | 9.424       | 797           | 803         | 819          | rVB      | 2310666        | 5025217       | 91.86%          | 14.033%       |
| 9         | 10.162      | 870           | 878         | 887          | rBV      | 140679         | 342156        | 6.25%           | 0.955%        |
| 10        | 10.752      | 935           | 938         | 947          | rBV      | 43731          | 88786         | 1.62%           | 0.248%        |
| 11        | 11.195      | 978           | 983         | 986          | rBV      | 137482         | 258506        | 4.73%           | 0.722%        |
| 12        | 11.264      | 986           | 990         | 1001         | rVB      | 3101041        | 5470321       | 100.00%         | 15.276%       |
| 13        | 12.405      | 1103          | 1106        | 1115         | rBV      | 2457296        | 3379096       | 61.77%          | 9.436%        |
| 14        | 12.543      | 1117          | 1120        | 1126         | rVV      | 275400         | 465067        | 8.50%           | 1.299%        |
| 15        | 13.350      | 1199          | 1202        | 1212         | rBV      | 3764346        | 5352948       | 97.85%          | 14.948%       |
| 16        | 13.941      | 1258          | 1262        | 1266         | rBV      | 73007          | 101358        | 1.85%           | 0.283%        |
| 17        | 14.994      | 1366          | 1369        | 1372         | rBV      | 1121611        | 1168941       | 21.37%          | 3.264%        |

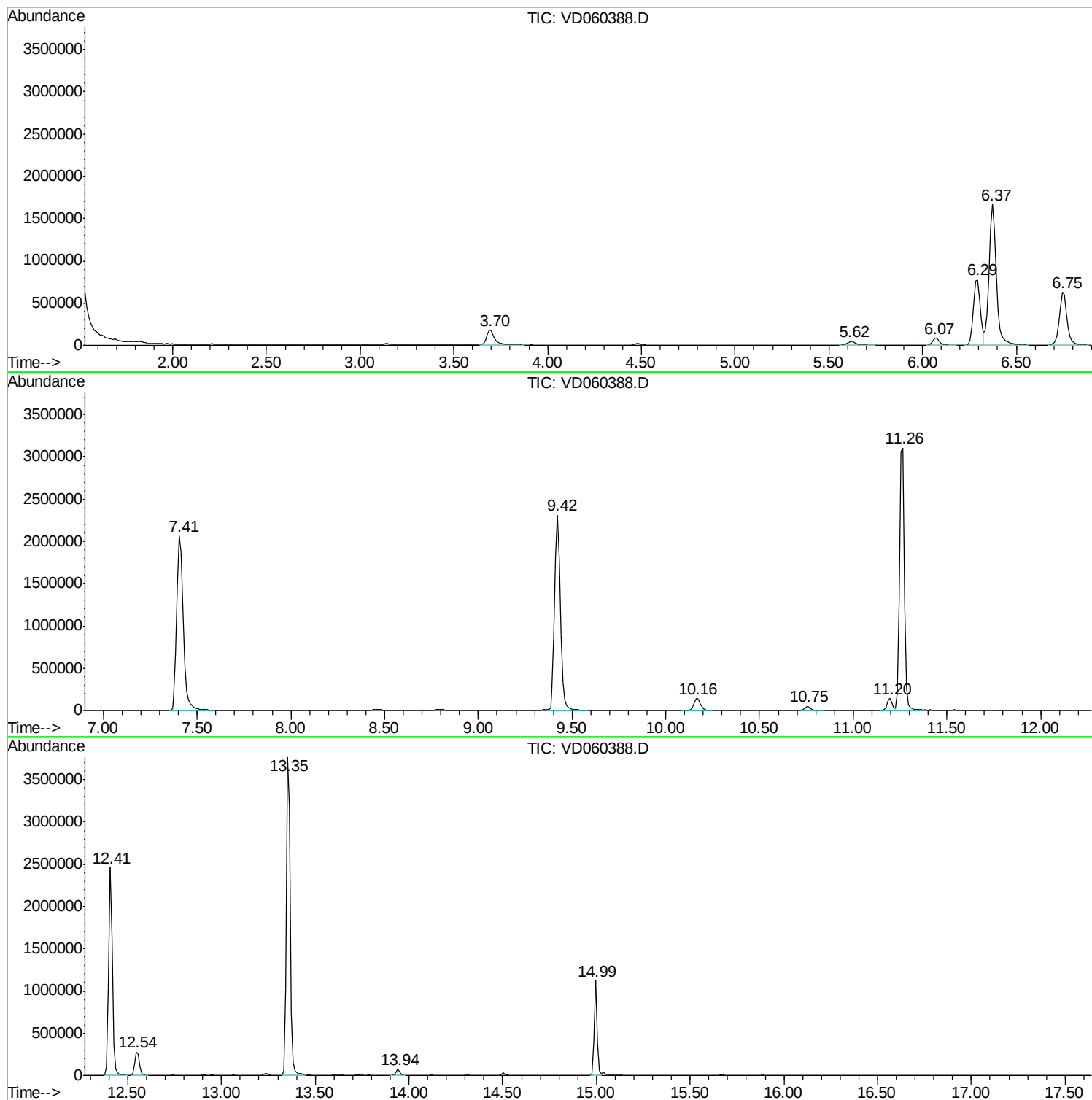
Sum of corrected areas: 35810725

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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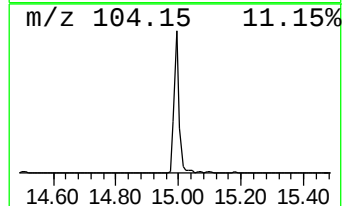
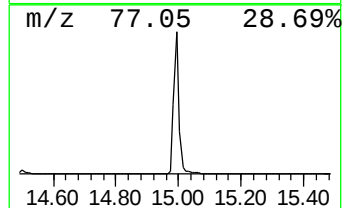
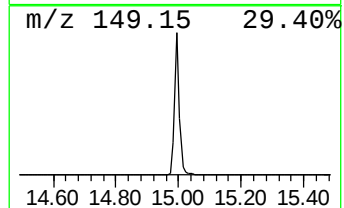
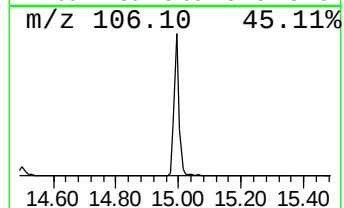
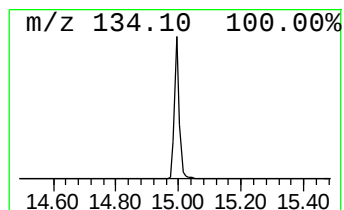
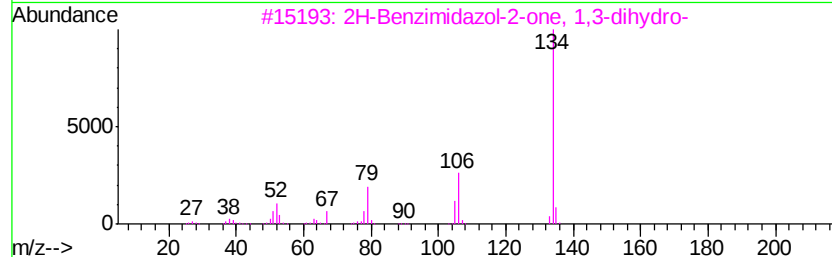
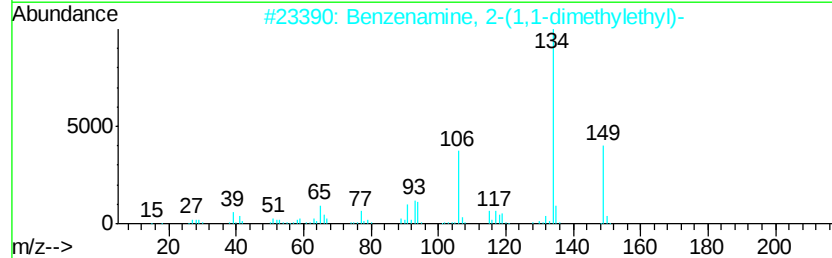
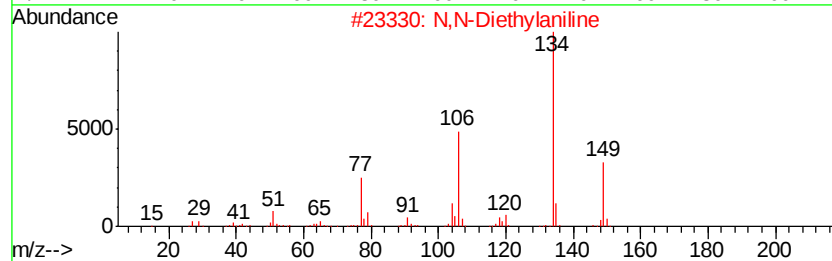
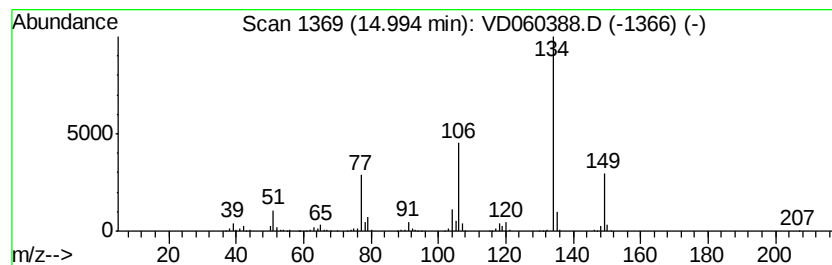
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FDSB-01(10-12)

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 N,N-Diethylaniline Concentration Rank 1

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 14.99   | 10.92 ug/l | 1168940                             | 1,4-Dichlorobenzene-d4 | 13.35          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | N,N-Diethylaniline                  | 149 C10H15N            | 000091-66-7 96 |
| 2       |            | Benzenamine, 2-(1,1-dimethylethyl)- | 149 C10H15N            | 006310-21-0 64 |
| 3       |            | 2H-Benzimidazol-2-one, 1,3-dihydro- | 134 C7H6N2O            | 000615-16-7 50 |
| 4       |            | 3-Pyridinecarbonitrile, 1,4-dihy... | 134 C7H6N2O            | 000767-98-6 50 |
| 5       |            | 1-Methyl-1-p-tolylethylamine        | 149 C10H15N            | 006526-79-0 47 |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| N,N-Diethylaniline | 14.99 | 10.9    | ug/l  | 1168940  | 4                     | 13.35 | 5352950 | 50.0 |