

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051722\  
 Data File : VY008785.D  
 Acq On : 17 May 2022 20:41  
 Operator : KP/MD  
 Sample : N2802-03  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 DEEP-WC-1

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\_Y\methods\82Y051722S.M  
 Title : SW846 8260

Signal : TIC: VY008785.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         | 2.125       | 42            | 50          | 51           | rBV4     | 2336           | 4019          | 3.92%           | 0.669%        |
| 2         | 2.150       | 51            | 54          | 55           | rVV3     | 1091           | 1192          | 1.16%           | 0.199%        |
| 3         | 2.510       | 107           | 113         | 117          | rBV4     | 4016           | 7361          | 7.18%           | 1.226%        |
| 4         | 2.778       | 154           | 157         | 161          | rBV6     | 789            | 1286          | 1.25%           | 0.214%        |
| 5         | 4.704       | 464           | 473         | 474          | rBV4     | 1804           | 3139          | 3.06%           | 0.523%        |
| 6         | 4.716       | 474           | 475         | 482          | rVB3     | 2400           | 3124          | 3.05%           | 0.520%        |
| 7         | 6.990       | 838           | 848         | 853          | rBV3     | 4140           | 12292         | 11.98%          | 2.048%        |
| 8         | 7.716       | 957           | 967         | 973          | rBV2     | 15524          | 38656         | 37.69%          | 6.439%        |
| 9         | 7.789       | 973           | 979         | 987          | rVB2     | 26239          | 57332         | 55.90%          | 9.550%        |
| 10        | 8.143       | 1028          | 1037        | 1045         | rVB2     | 16065          | 35146         | 34.27%          | 5.854%        |
| 11        | 8.685       | 1118          | 1126        | 1137         | rVB      | 38076          | 75818         | 73.92%          | 12.629%       |
| 12        | 10.179      | 1363          | 1371        | 1379         | rVV2     | 58263          | 102562        | 100.00%         | 17.084%       |
| 13        | 10.575      | 1430          | 1436        | 1442         | rBV3     | 3148           | 7122          | 6.94%           | 1.186%        |
| 14        | 10.953      | 1492          | 1498        | 1504         | rBV2     | 5640           | 11173         | 10.89%          | 1.861%        |
| 15        | 11.313      | 1556          | 1557        | 1564         | rVB3     | 898            | 1414          | 1.38%           | 0.236%        |
| 16        | 11.490      | 1579          | 1586        | 1595         | rBV      | 54119          | 88435         | 86.23%          | 14.731%       |
| 17        | 11.996      | 1665          | 1669        | 1672         | rBV3     | 596            | 1142          | 1.11%           | 0.190%        |
| 18        | 12.483      | 1742          | 1749        | 1756         | rVB2     | 40359          | 65701         | 64.06%          | 10.944%       |
| 19        | 12.752      | 1787          | 1793        | 1797         | rBV5     | 558            | 1123          | 1.09%           | 0.187%        |
| 20        | 13.270      | 1871          | 1878        | 1882         | rBV5     | 803            | 2171          | 2.12%           | 0.362%        |
| 21        | 13.428      | 1898          | 1904        | 1911         | rBV      | 46267          | 74509         | 72.65%          | 12.411%       |
| 22        | 13.965      | 1989          | 1992        | 1996         | rVB      | 989            | 1244          | 1.21%           | 0.207%        |
| 23        | 14.666      | 2103          | 2107        | 2109         | rBV3     | 1097           | 1538          | 1.50%           | 0.256%        |
| 24        | 15.123      | 2177          | 2182        | 2184         | rVB4     | 696            | 1103          | 1.08%           | 0.184%        |
| 25        | 15.318      | 2210          | 2214        | 2218         | rBV3     | 1182           | 1733          | 1.69%           | 0.289%        |

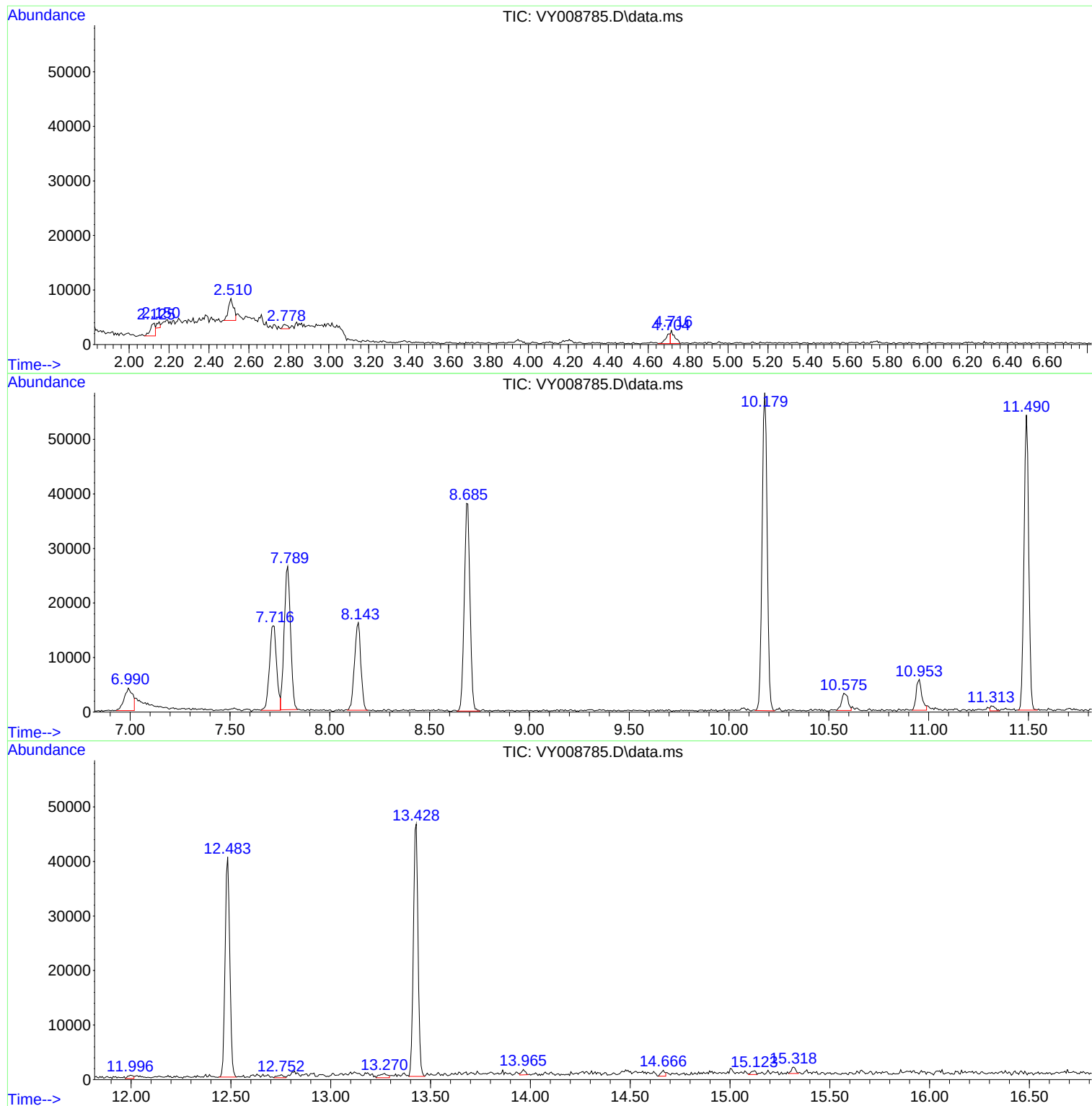
Sum of corrected areas: 600335

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MSVOA\_Y  
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DEEP-WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051722S.M  
Quant Title : SW846 8260

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



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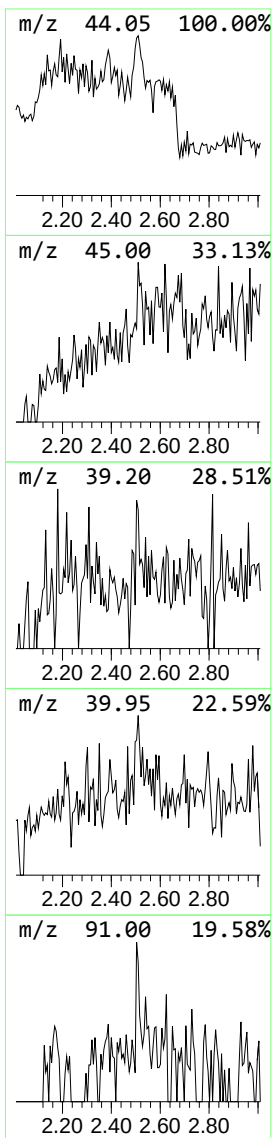
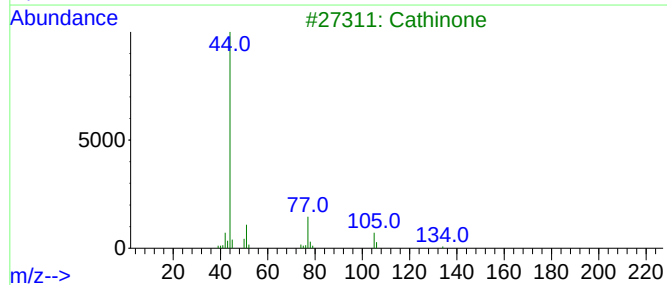
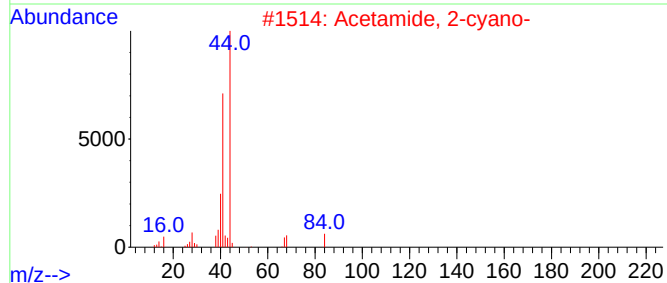
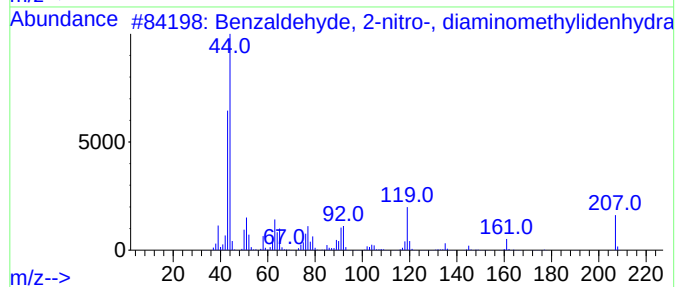
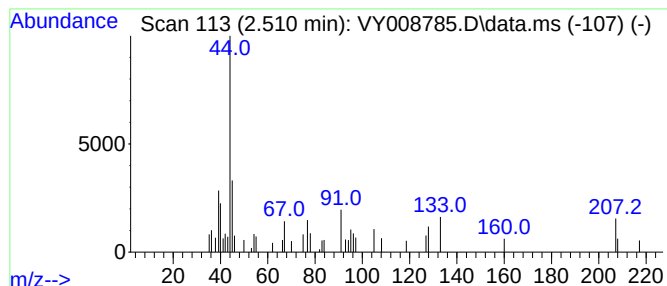
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Peak Number 1 unknown2.510 Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD   | R.T.  |
|-------|-----------|------|--------------------|-------|
| 2.510 | 6.42 ug/l | 7361 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzaldehyde, 2-nitro-, diaminom... | 207 | C8H9N5O2  | 102632-31-5  | 47   |
| 2    |    |   | Acetamide, 2-cyano-                 | 84  | C3H4N2O   | 000107-91-5  | 38   |
| 3    |    |   | Cathinone                           | 149 | C9H11NO   | 071031-15-7  | 37   |
| 4    |    |   | 1-(4-Methoxyphenyl)-2-(methylami... | 181 | C10H15NO2 | 1000489-18-9 | 28   |
| 5    |    |   | Phenylephrine                       | 167 | C9H13NO2  | 000059-42-7  | 25   |



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TIC Library : C:\Database\NIST20.L  
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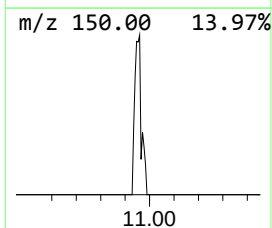
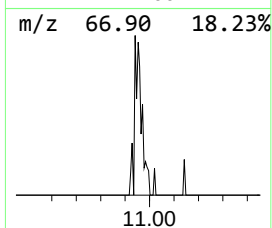
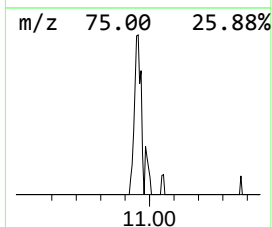
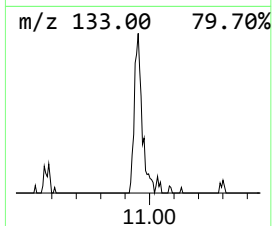
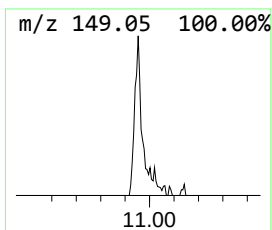
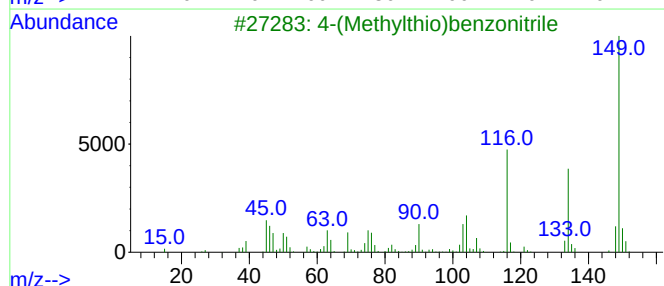
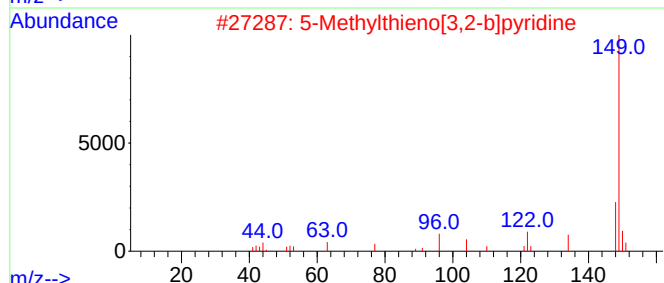
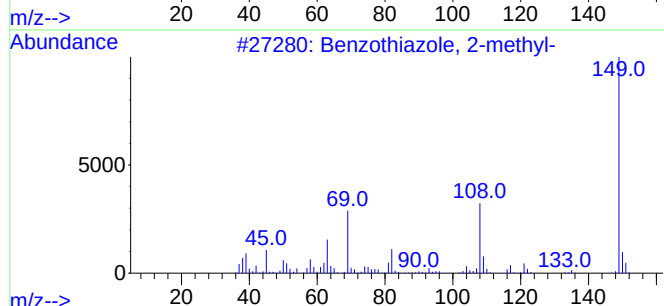
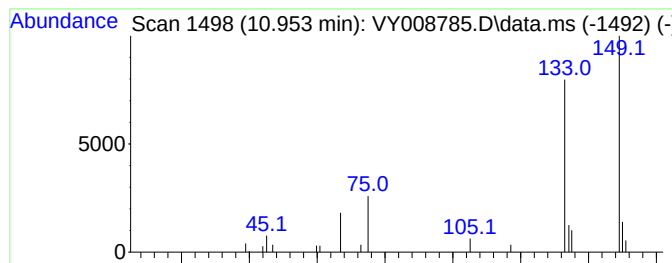
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Peak Number 3 unknown10.953 Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.953 | 6.32 ug/l | 11173 | Chlorobenzene-d5 | 11.490 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzothiazole, 2-methyl-            | 149 | C8H7NS  | 000120-75-2 | 27   |
| 2    |    |   | 5-Methylthieno[3,2-b]pyridine       | 149 | C8H7NS  | 001759-29-1 | 25   |
| 3    |    |   | 4-(Methylthio)benzonitrile          | 149 | C8H7NS  | 021382-98-9 | 9    |
| 4    |    |   | 5-Methyl-7-amino-s-triazolo(1,5-... | 149 | C6H7N5  | 033376-96-4 | 9    |
| 5    |    |   | 1,2-Benzisothiazole, 3-methyl-      | 149 | C8H7NS  | 006187-89-9 | 9    |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                  |        |         |       |          | #                     | RT     | Resp  | Conc |
| unknown2.510     | 2.510  | 6.4     | ug/l  | 7361     | 1                     | 7.789  | 57332 | 50.0 |
| unknown10.953    | 10.953 | 6.3     | ug/l  | 11173    | 3                     | 11.490 | 88435 | 50.0 |