

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\  
 Data File : VU031471.D  
 Acq On : 24 Apr 2019 15:26  
 Operator : JC/SP  
 Sample : K2451-21RE  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YAN02RE

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.1  
 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\_U\METHOD\SOMUTR042419WMA.M  
 Title : TRACE VOA SOM01.0

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         | 1.678       | 175           | 183         | 198          | rBV      | 154823         | 200206        | 12.92%          | 2.059%        |
| 2         | 2.270       | 356           | 367         | 382          | rBV      | 182645         | 282904        | 18.25%          | 2.910%        |
| 3         | 4.212       | 950           | 971         | 1021         | rBV      | 161926         | 654301        | 42.22%          | 6.730%        |
| 4         | 4.643       | 1089          | 1105        | 1128         | rBV      | 222882         | 546564        | 35.27%          | 5.622%        |
| 5         | 5.334       | 1298          | 1320        | 1347         | rBV2     | 458717         | 1292586       | 83.40%          | 13.296%       |
| 6         | 5.881       | 1478          | 1490        | 1514         | rBV      | 392775         | 798794        | 51.54%          | 8.216%        |
| 7         | 6.328       | 1611          | 1629        | 1661         | rBV      | 297616         | 621435        | 40.10%          | 6.392%        |
| 8         | 7.228       | 1896          | 1909        | 1923         | rBV2     | 60635          | 119542        | 7.71%           | 1.230%        |
| 9         | 7.566       | 2001          | 2014        | 2032         | rBV      | 117995         | 219292        | 14.15%          | 2.256%        |
| 10        | 7.855       | 2091          | 2104        | 2122         | rBV2     | 39066          | 78620         | 5.07%           | 0.809%        |
| 11        | 8.315       | 2236          | 2247        | 2284         | rBV      | 783775         | 1549821       | 100.00%         | 15.942%       |
| 12        | 8.472       | 2289          | 2296        | 2308         | rVB4     | 22966          | 43137         | 2.78%           | 0.444%        |
| 13        | 9.086       | 2475          | 2487        | 2513         | rBV      | 556871         | 982071        | 63.37%          | 10.102%       |
| 14        | 10.430      | 2893          | 2905        | 2922         | rBV      | 225394         | 380119        | 24.53%          | 3.910%        |
| 15        | 10.604      | 2949          | 2959        | 2975         | rBV2     | 78320          | 130623        | 8.43%           | 1.344%        |
| 16        | 10.723      | 2986          | 2996        | 3013         | rVB      | 27343          | 49407         | 3.19%           | 0.508%        |
| 17        | 11.482      | 3218          | 3232        | 3253         | rBV      | 464586         | 783007        | 50.52%          | 8.054%        |
| 18        | 11.781      | 3313          | 3325        | 3337         | rBV2     | 117961         | 198597        | 12.81%          | 2.043%        |
| 19        | 11.858      | 3337          | 3349        | 3356         | rBV      | 469618         | 790884        | 51.03%          | 8.135%        |

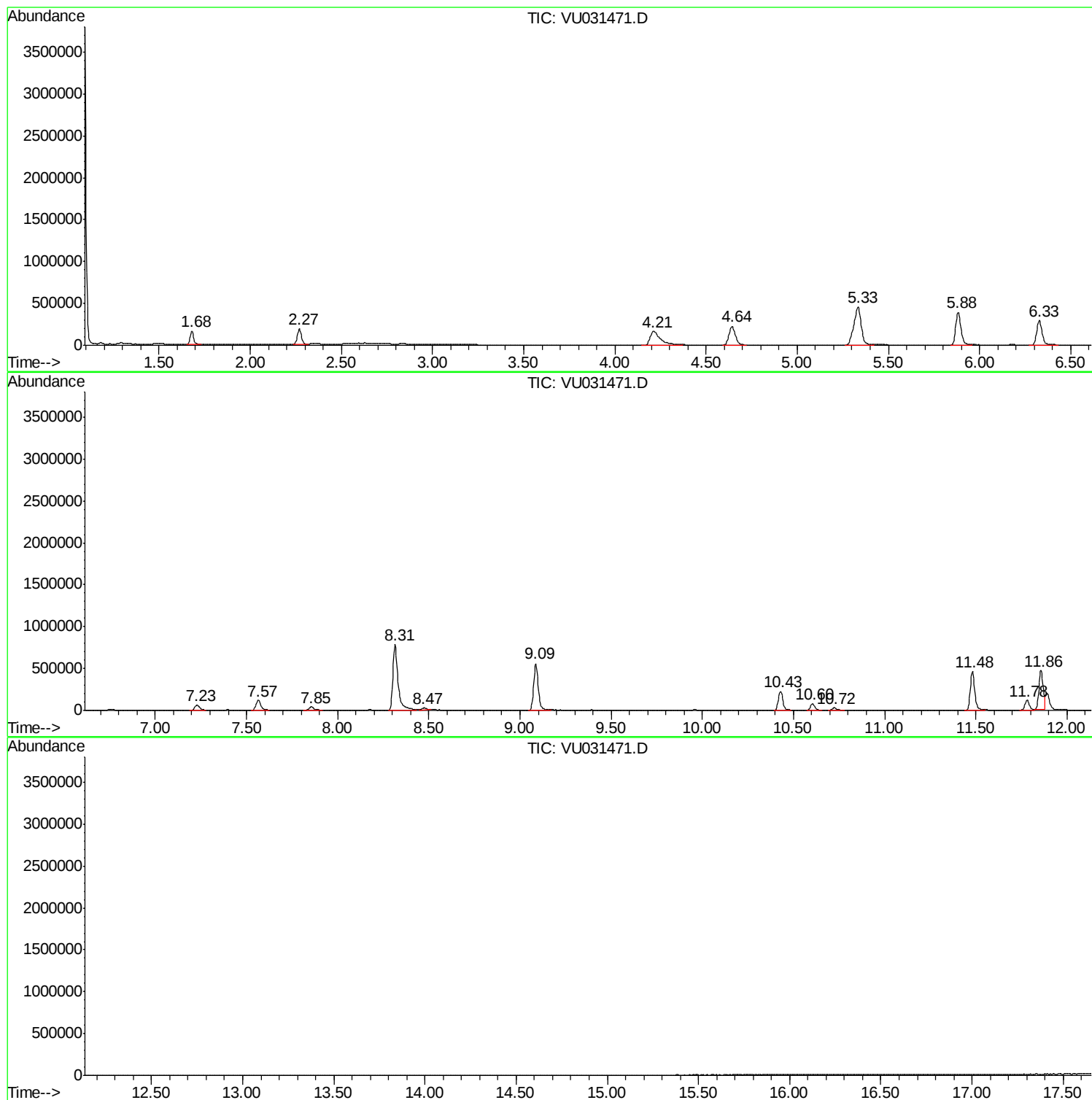
Sum of corrected areas: 9721910

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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR042419WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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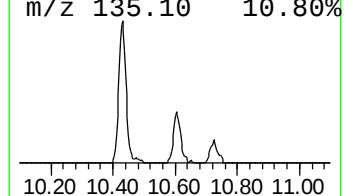
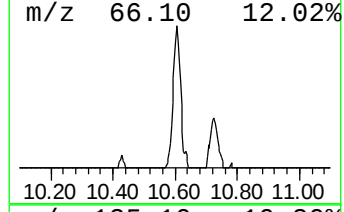
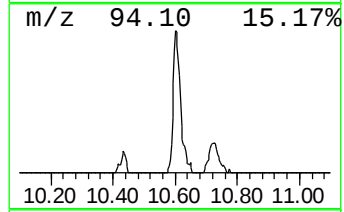
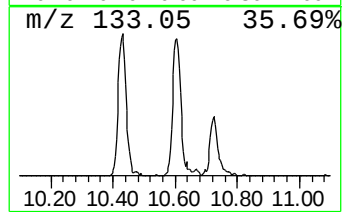
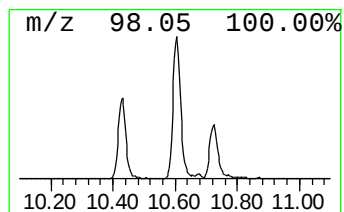
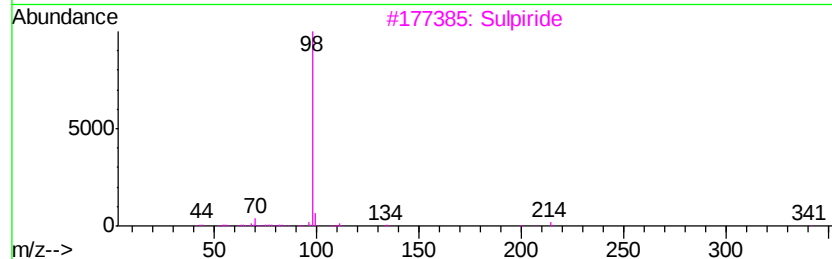
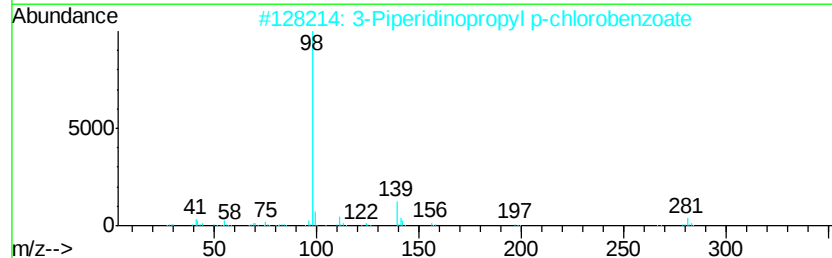
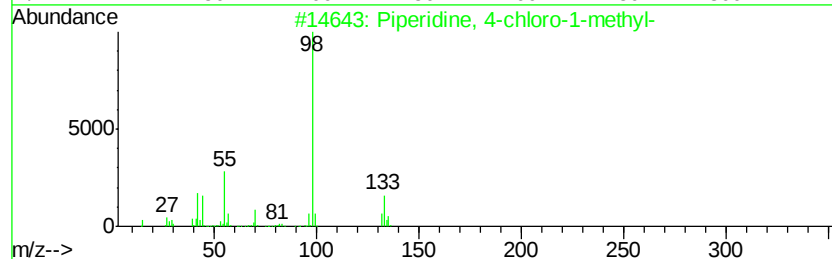
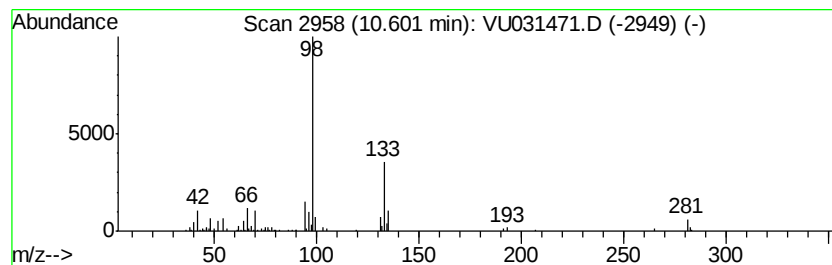
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR042419WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 unknown-01 Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD       | R.T.         |      |
|-----------|-------------------------------------|--------|------------------------|--------------|------|
| 10.60     | 0.83 ug/L                           | 130623 | 1,4-Dichlorobenzene-d4 | 11.48        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm                | CAS#         | Qual |
| 1         | Piperidine, 4-chloro-1-methyl-      | 133    | C6H12ClN               | 005570-77-4  | 45   |
| 2         | 3-Piperidinopropyl p-chlorobenzoate | 281    | C15H20ClNO2            | 1000240-42-7 | 43   |
| 3         | Sulpiride                           | 341    | C15H23N3O4S            | 015676-16-1  | 38   |
| 4         | Encainide                           | 352    | C22H28N2O2             | 037612-13-8  | 38   |
| 5         | 2-Azabutane, 1-[1-methylazacyclo... | 314    | C16H24Cl2N2            | 184637-45-4  | 32   |



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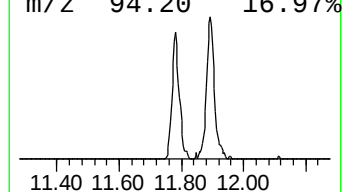
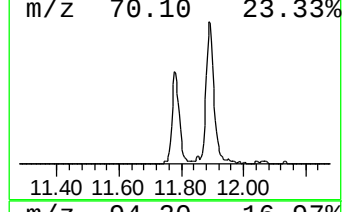
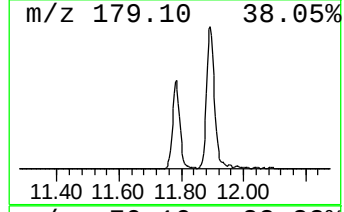
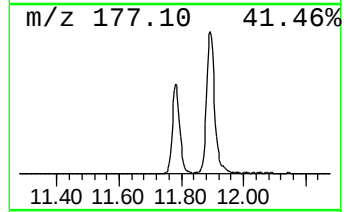
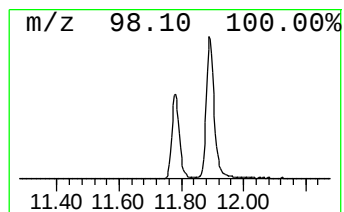
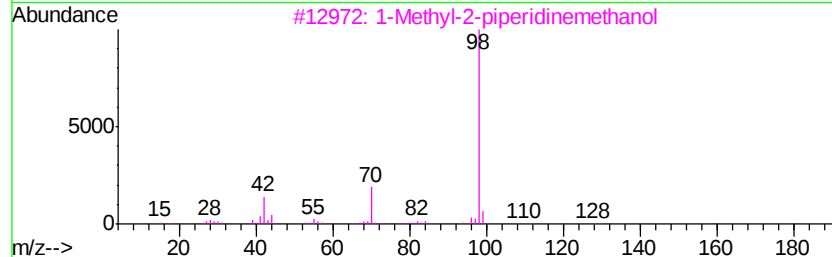
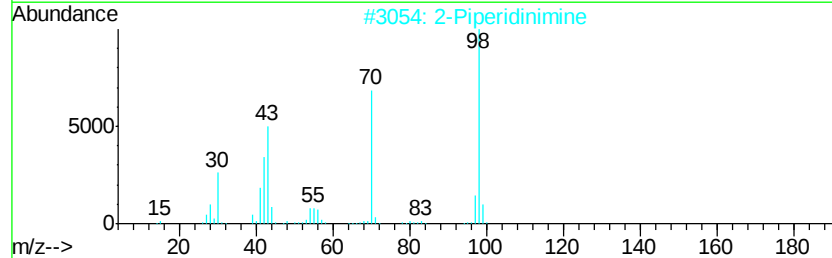
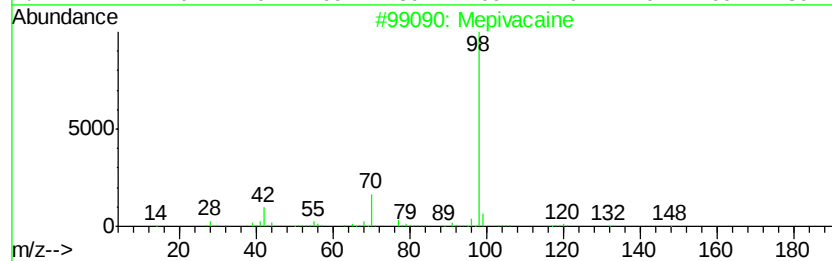
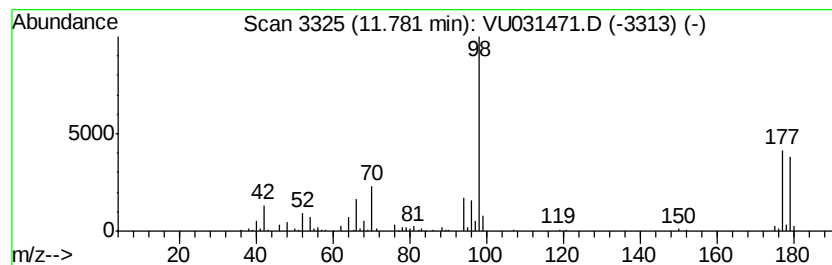
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown-02 Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 11.78 | 1.27 ug/L | 198597 | 1,4-Dichlorobenzene-d4 | 11.48 |

| Hit# | of | Tentative ID                  | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Mepivacaine                   | 246 | C15H22N2O | 000096-88-8 | 35   |
| 2    |    | 2-Piperidinimine              | 98  | C5H10N2   | 022780-54-7 | 25   |
| 3    |    | 1-Methyl-2-piperidinemethanol | 129 | C7H15NO   | 020845-34-5 | 25   |
| 4    |    | Ethyl 1-methylpipercolinate   | 171 | C9H17NO2  | 030727-18-5 | 25   |
| 5    |    | Benzen-d5-amine               | 98  | C6H2D5N   | 004165-61-1 | 23   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown-01       | 10.60 | 0.8     | ug/L  | 130623   | 3                     | 11.48 | 783007 | 5.0  |
| unknown-02       | 11.78 | 1.3     | ug/L  | 198597   | 3                     | 11.48 | 783007 | 5.0  |