

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\  
 Data File : VU040946.D  
 Acq On : 26 Oct 2020 16:01  
 Operator : SY/MD  
 Sample : L4492-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AP7

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\SOMUTR102620WMA.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         | 1.604       | 75            | 82          | 93           | rVB      | 20539          | 22240         | 7.03%           | 1.187%        |
| 2         | 1.922       | 173           | 181         | 195          | rVB      | 21429          | 27314         | 8.63%           | 1.458%        |
| 3         | 2.581       | 374           | 386         | 401          | rBV      | 37323          | 61269         | 19.36%          | 3.271%        |
| 4         | 2.684       | 401           | 418         | 423          | rBV2     | 3461           | 8883          | 2.81%           | 0.474%        |
| 5         | 3.063       | 526           | 536         | 546          | rVB2     | 5490           | 9880          | 3.12%           | 0.527%        |
| 6         | 4.665       | 1017          | 1034        | 1077         | rBV2     | 32074          | 136849        | 43.24%          | 7.306%        |
| 7         | 5.083       | 1148          | 1164        | 1183         | rBV      | 40530          | 89268         | 28.21%          | 4.766%        |
| 8         | 5.742       | 1349          | 1369        | 1388         | rBV2     | 74534          | 197538        | 62.42%          | 10.547%       |
| 9         | 6.263       | 1517          | 1531        | 1545         | rBV      | 74553          | 137523        | 43.46%          | 7.342%        |
| 10        | 6.703       | 1656          | 1668        | 1685         | rVB      | 52828          | 99778         | 31.53%          | 5.327%        |
| 11        | 7.574       | 1928          | 1939        | 1958         | rVB      | 22407          | 38493         | 12.16%          | 2.055%        |
| 12        | 7.906       | 2027          | 2042        | 2057         | rBV      | 74979          | 128227        | 40.52%          | 6.846%        |
| 13        | 8.185       | 2119          | 2129        | 2142         | rBV      | 14961          | 24814         | 7.84%           | 1.325%        |
| 14        | 8.642       | 2257          | 2271        | 2296         | rBV      | 172701         | 316458        | 100.00%         | 16.896%       |
| 15        | 9.420       | 2501          | 2513        | 2536         | rBV      | 112603         | 183507        | 57.99%          | 9.798%        |
| 16        | 10.754      | 2916          | 2928        | 2945         | rBV      | 45635          | 71654         | 22.64%          | 3.826%        |
| 17        | 11.806      | 3245          | 3255        | 3269         | rBV      | 97592          | 150690        | 47.62%          | 8.045%        |
| 18        | 12.057      | 3323          | 3333        | 3348         | rBV2     | 12927          | 22786         | 7.20%           | 1.217%        |
| 19        | 12.188      | 3362          | 3374        | 3391         | rVB      | 87595          | 139343        | 44.03%          | 7.440%        |
| 20        | 12.877      | 3581          | 3588        | 3598         | rBV4     | 4930           | 6481          | 2.05%           | 0.346%        |

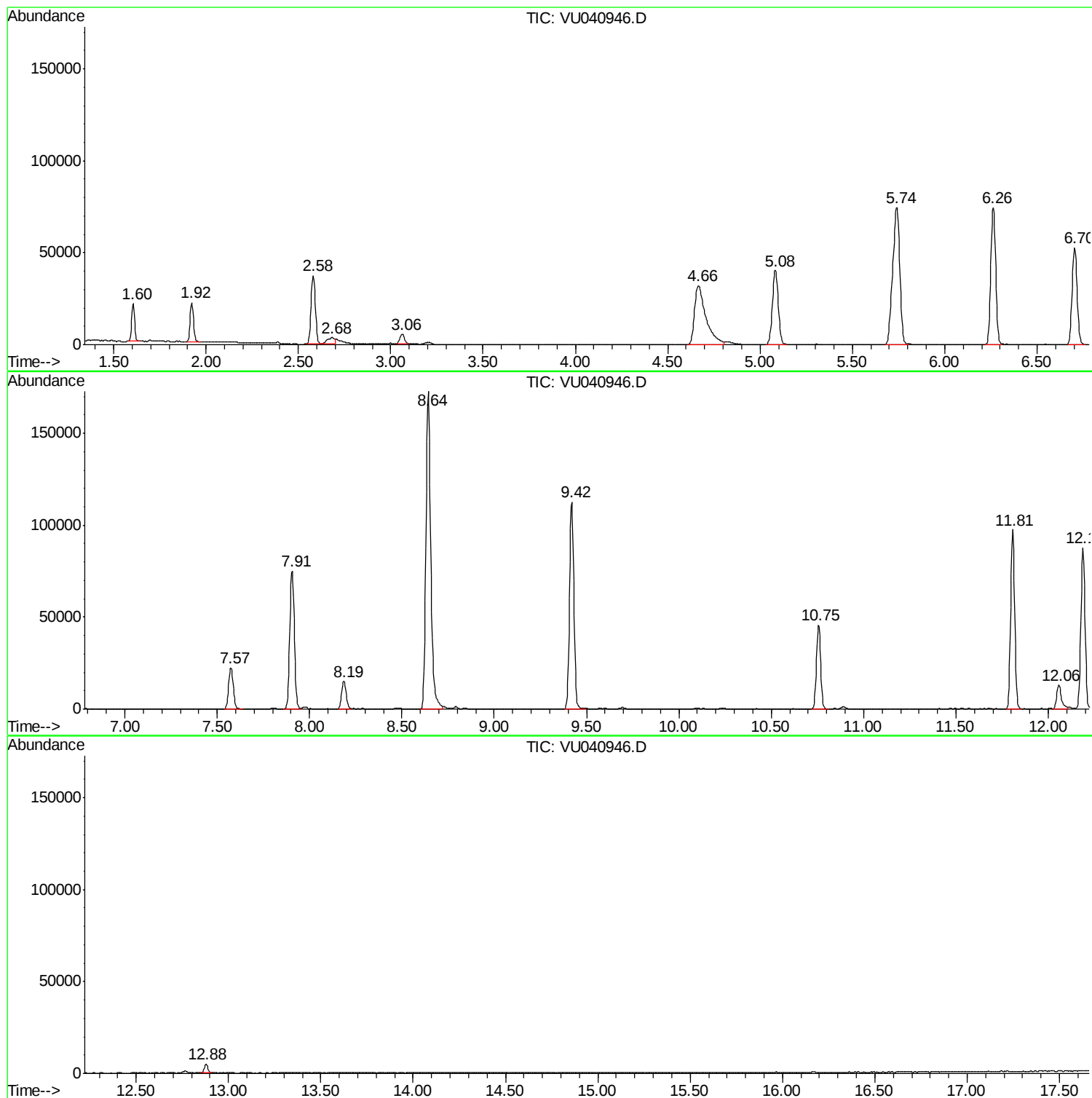
Sum of corrected areas: 1872995

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR102620WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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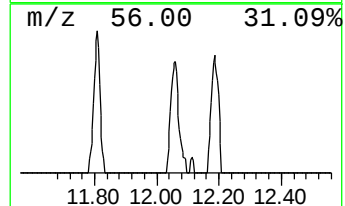
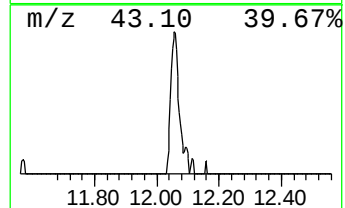
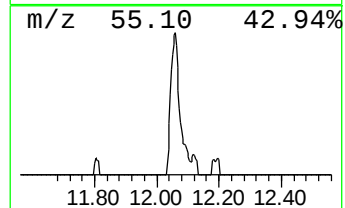
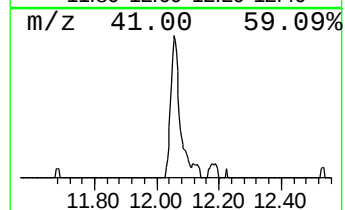
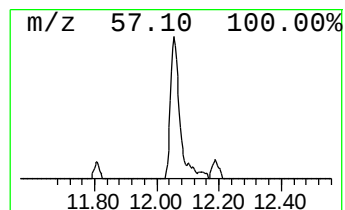
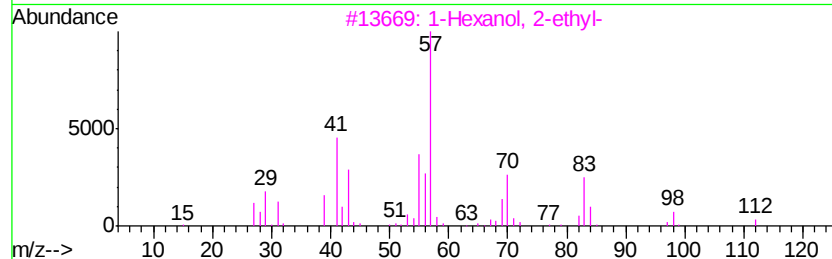
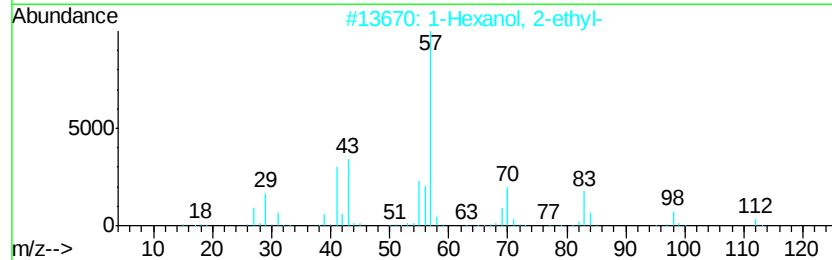
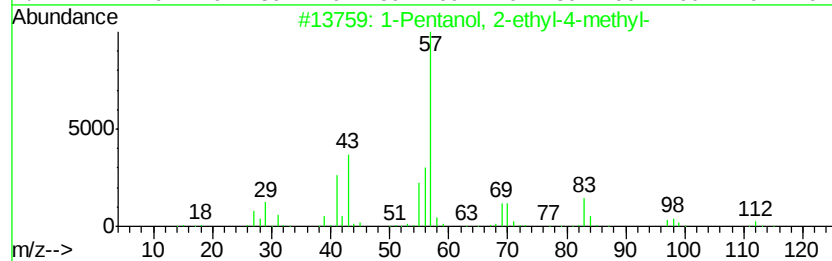
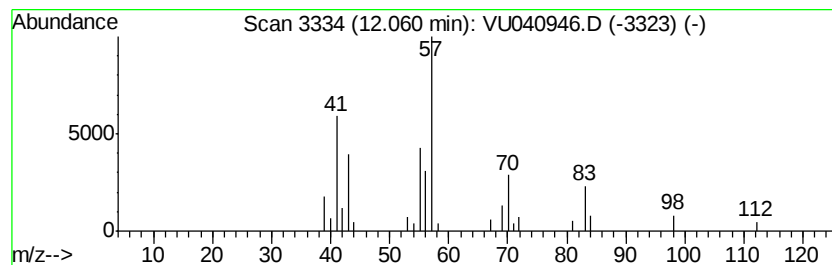
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.06 | 0.76 ug/L | 22786 | 1,4-Dichlorobenzene-d4 | 11.81 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Pentanol, 2-ethyl-4-methyl-       | 130 | C8H18O     | 000106-67-2  | 64   |
| 2    |    |   | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O     | 000104-76-7  | 64   |
| 3    |    |   | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O     | 000104-76-7  | 59   |
| 4    |    |   | 2-Propyl-1-pentanol                 | 130 | C8H18O     | 058175-57-8  | 53   |
| 5    |    |   | 2-Ethyl-1-hexanol, trifluoroacetate | 226 | C10H17F3O2 | 1000365-19-6 | 53   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Pentanol, 2-eth... | 12.06 | 0.8     | ug/L  | 22786    | 3                     | 11.81 | 150690 | 5.0  |