

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100120\  
 Data File : VU040432.D  
 Acq On : 01 Oct 2020 20:18  
 Operator : SY/MD  
 Sample : L4202-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFZQ8

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\SOMUTR092920WMA.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         | 1.527       | 52            | 58          | 67           | rBV      | 11467          | 12136         | 1.98%           | 0.320%        |
| 2         | 1.604       | 74            | 82          | 92           | rVB      | 35538          | 40045         | 6.54%           | 1.056%        |
| 3         | 1.922       | 171           | 181         | 196          | rBV      | 36073          | 47661         | 7.78%           | 1.257%        |
| 4         | 2.466       | 338           | 350         | 360          | rVB3     | 10870          | 18598         | 3.04%           | 0.490%        |
| 5         | 2.578       | 371           | 385         | 399          | rBV      | 63493          | 105308        | 17.20%          | 2.777%        |
| 6         | 2.662       | 399           | 411         | 429          | rVV      | 8350           | 23291         | 3.80%           | 0.614%        |
| 7         | 2.807       | 446           | 456         | 469          | rBV2     | 9900           | 21533         | 3.52%           | 0.568%        |
| 8         | 4.655       | 1015          | 1031        | 1070         | rBV      | 77292          | 258290        | 42.19%          | 6.810%        |
| 9         | 4.826       | 1074          | 1084        | 1097         | rVB      | 8204           | 17971         | 2.94%           | 0.474%        |
| 10        | 5.083       | 1144          | 1164        | 1187         | rBV      | 75968          | 173958        | 28.41%          | 4.587%        |
| 11        | 5.742       | 1348          | 1369        | 1386         | rBV2     | 137507         | 364749        | 59.58%          | 9.617%        |
| 12        | 6.263       | 1516          | 1531        | 1551         | rBV      | 158311         | 291896        | 47.68%          | 7.696%        |
| 13        | 6.704       | 1654          | 1668        | 1684         | rBV      | 97936          | 189535        | 30.96%          | 4.997%        |
| 14        | 7.575       | 1926          | 1939        | 1954         | rBV2     | 43517          | 76494         | 12.49%          | 2.017%        |
| 15        | 7.726       | 1974          | 1986        | 1996         | rVB4     | 6271           | 11875         | 1.94%           | 0.313%        |
| 16        | 7.903       | 2028          | 2041        | 2057         | rBV      | 140805         | 243296        | 39.74%          | 6.415%        |
| 17        | 8.186       | 2117          | 2129        | 2141         | rBV      | 29615          | 48700         | 7.95%           | 1.284%        |
| 18        | 8.642       | 2255          | 2271        | 2308         | rBV      | 324786         | 612222        | 100.00%         | 16.142%       |
| 19        | 8.790       | 2310          | 2317        | 2327         | rVB4     | 5448           | 8947          | 1.46%           | 0.236%        |
| 20        | 9.420       | 2500          | 2513        | 2534         | rBV      | 227834         | 382137        | 62.42%          | 10.076%       |
| 21        | 10.755      | 2916          | 2928        | 2945         | rVB      | 91453          | 143808        | 23.49%          | 3.792%        |
| 22        | 11.806      | 3240          | 3255        | 3271         | rVB      | 220820         | 349811        | 57.14%          | 9.223%        |
| 23        | 12.057      | 3322          | 3333        | 3356         | rBV3     | 19000          | 42800         | 6.99%           | 1.128%        |
| 24        | 12.186      | 3362          | 3373        | 3389         | rVB      | 184262         | 299884        | 48.98%          | 7.907%        |
| 25        | 12.880      | 3581          | 3589        | 3601         | rBV4     | 5223           | 7763          | 1.27%           | 0.205%        |

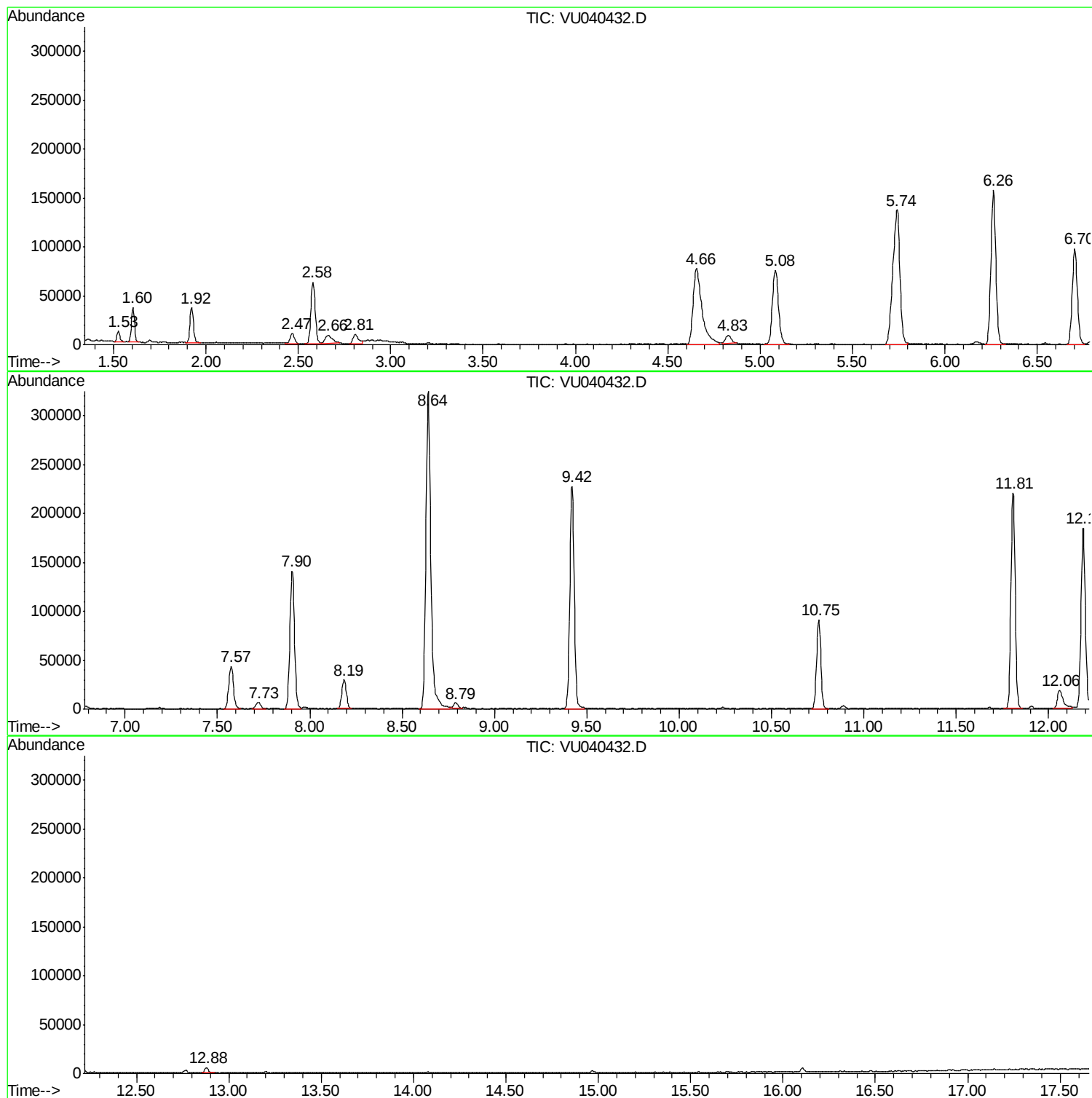
Sum of corrected areas: 3792708

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR092920WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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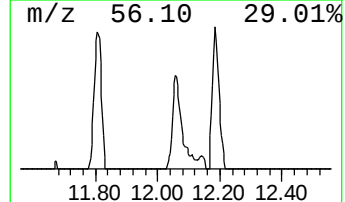
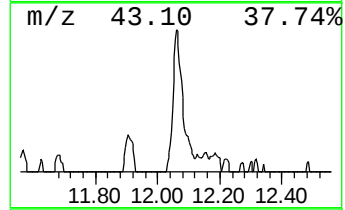
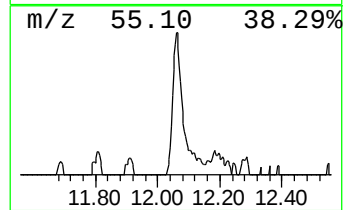
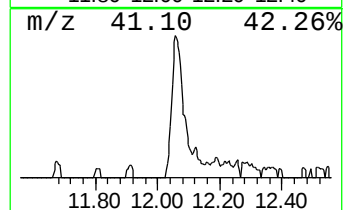
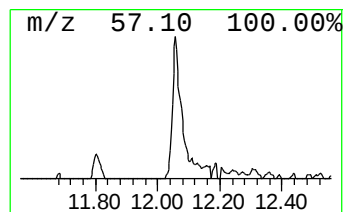
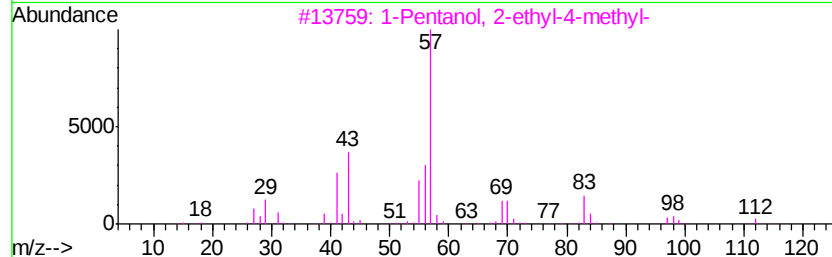
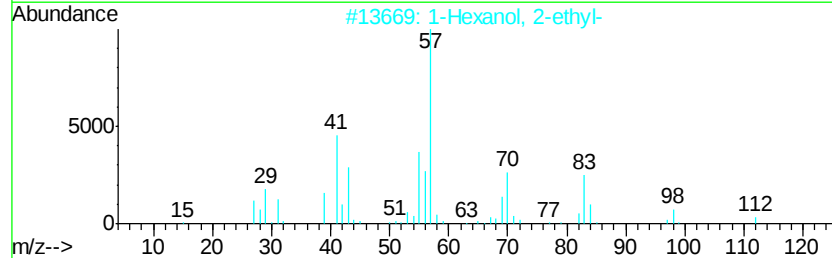
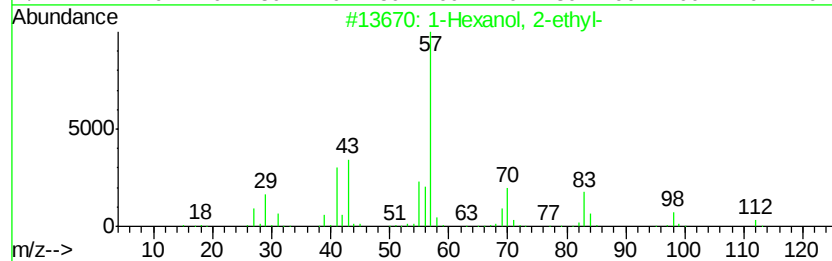
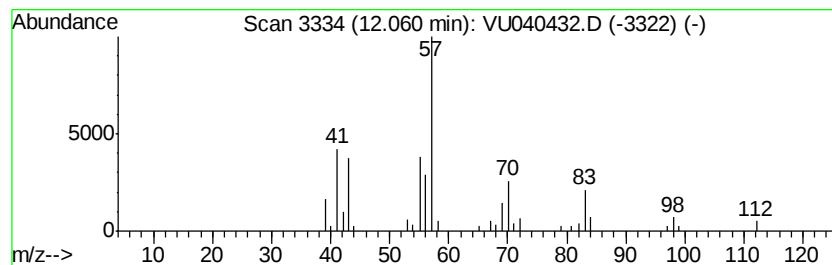
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.06 | 0.61 ug/L | 42800 | 1,4-Dichlorobenzene-d4 | 11.81 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 72   |
| 2    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 64   |
| 3    |    |   | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 64   |
| 4    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 59   |
| 5    |    |   | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 59   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Hexanol, 2-ethyl- | 12.06 | 0.6     | ug/L  | 42800    | 3                     | 11.81 | 349811 | 5.0  |