

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091819\  
 Data File : VU034639.D  
 Acq On : 18 Sep 2019 01:20  
 Operator : JC/SP  
 Sample : K4865-19  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COMP8

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\SOMUTR091819WMA.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         | 1.322       | 53            | 72          | 84           | rBV4     | 8677           | 31306         | 8.98%           | 1.054%        |
| 2         | 1.396       | 88            | 95          | 103          | rBV      | 56492          | 65759         | 18.86%          | 2.215%        |
| 3         | 1.672       | 175           | 181         | 190          | rVB      | 42288          | 50496         | 14.48%          | 1.701%        |
| 4         | 2.261       | 355           | 364         | 378          | rVB      | 84260          | 126249        | 36.20%          | 4.252%        |
| 5         | 2.431       | 410           | 417         | 425          | rBV2     | 14612          | 24520         | 7.03%           | 0.826%        |
| 6         | 4.170       | 942           | 958         | 989          | rBV2     | 47960          | 142374        | 40.82%          | 4.795%        |
| 7         | 4.624       | 1078          | 1099        | 1122         | rBV2     | 57951          | 142151        | 40.76%          | 4.787%        |
| 8         | 5.315       | 1291          | 1314        | 1334         | rBV3     | 124387         | 342422        | 98.19%          | 11.532%       |
| 9         | 5.865       | 1472          | 1485        | 1511         | rBV2     | 112166         | 229375        | 65.77%          | 7.725%        |
| 10        | 6.309       | 1604          | 1623        | 1645         | rBV2     | 79604          | 167095        | 47.91%          | 5.627%        |
| 11        | 7.209       | 1891          | 1903        | 1924         | rBV      | 40226          | 77462         | 22.21%          | 2.609%        |
| 12        | 7.543       | 1994          | 2007        | 2028         | rBV      | 155017         | 285387        | 81.83%          | 9.611%        |
| 13        | 7.833       | 2088          | 2097        | 2113         | rBV3     | 22062          | 41824         | 11.99%          | 1.409%        |
| 14        | 8.299       | 2227          | 2242        | 2274         | rBV      | 157697         | 348749        | 100.00%         | 11.745%       |
| 15        | 9.071       | 2471          | 2482        | 2505         | rBV      | 163082         | 290490        | 83.29%          | 9.783%        |
| 16        | 10.411      | 2888          | 2899        | 2915         | rBV      | 56764          | 93834         | 26.91%          | 3.160%        |
| 17        | 11.463      | 3215          | 3226        | 3252         | rBV      | 145408         | 256901        | 73.66%          | 8.652%        |
| 18        | 11.742      | 3304          | 3313        | 3331         | rBV6     | 11348          | 31349         | 8.99%           | 1.056%        |
| 19        | 11.839      | 3331          | 3343        | 3362         | rVB      | 125132         | 221551        | 63.53%          | 7.461%        |

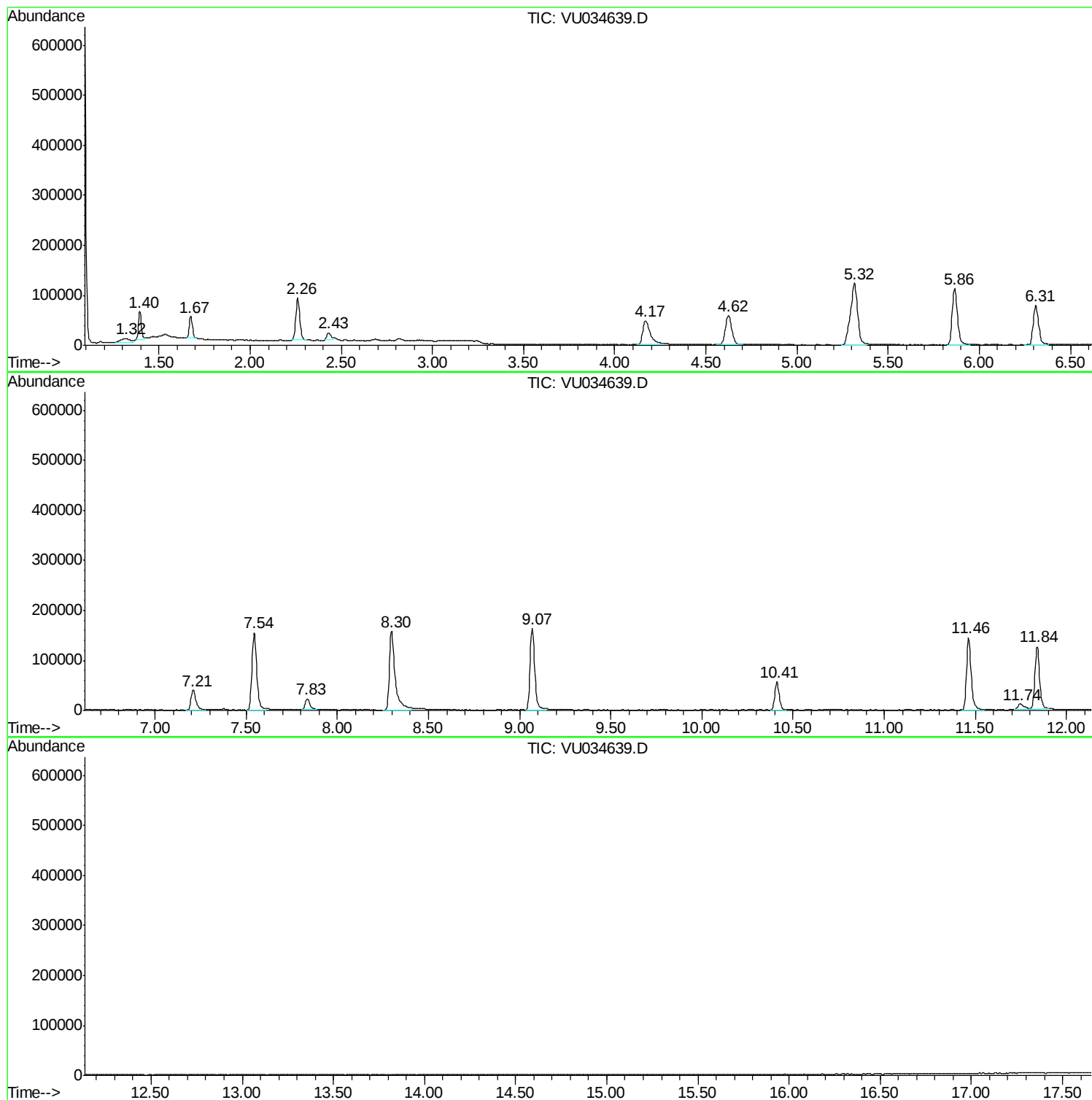
Sum of corrected areas: 2969294

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR091819WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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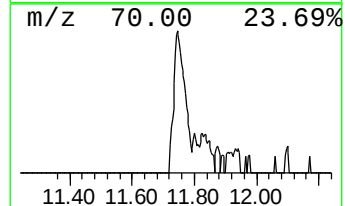
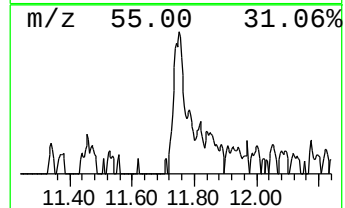
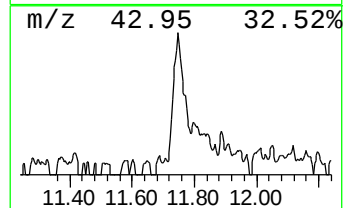
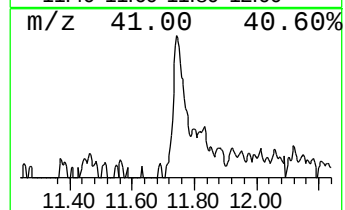
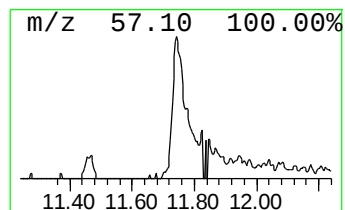
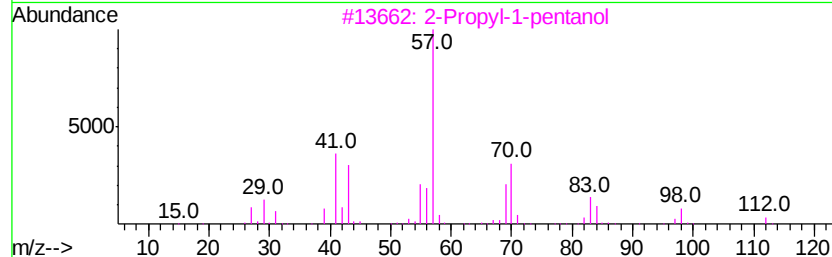
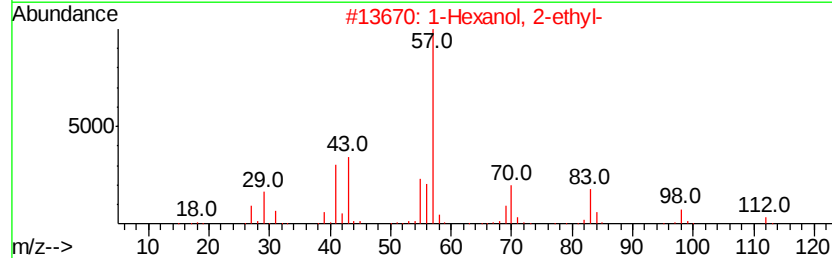
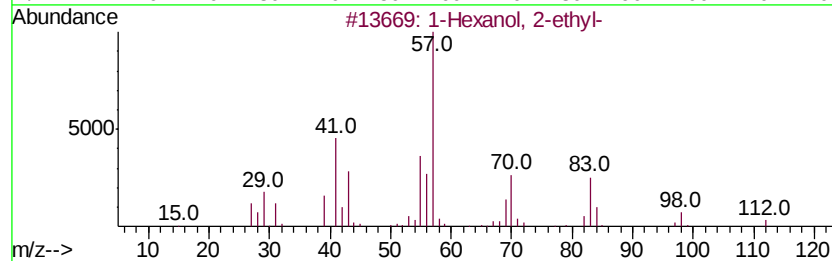
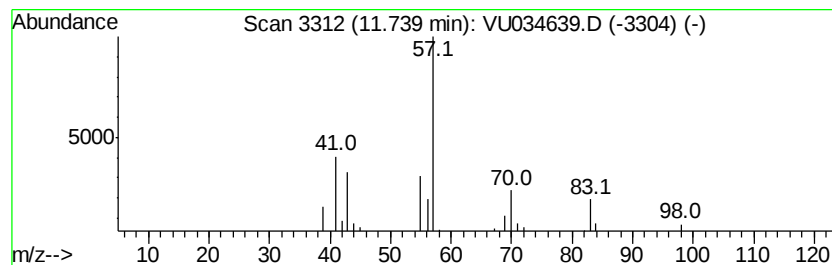
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 11.74 | 0.61 ug/L | 31349 | 1,4-Dichlorobenzene-d4 | 11.46 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    |    | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    |    | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 59   |
| 4    |    | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 59   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 53   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Hexanol, 2-ethyl- | 11.74 | 0.6     | ug/L  | 31349    | 3                     | 11.46 | 256901 | 5.0  |