

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\  
 Data File : VX018706.D  
 Acq On : 30 Sep 2020 18:48  
 Operator : JC/SP  
 Sample : L4202-08  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BFZR0

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\_X\METHOD\SOMXTR092820WMA.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         | 1.160       | 9             | 12          | 16           | rVB3     | 7088           | 7916          | 1.28%           | 0.133%        |
| 2         | 1.313       | 34            | 37          | 43           | rBV      | 13084          | 15294         | 2.47%           | 0.257%        |
| 3         | 1.386       | 46            | 49          | 55           | rVB      | 62485          | 68780         | 11.09%          | 1.156%        |
| 4         | 1.477       | 62            | 64          | 71           | rBV8     | 4749           | 6603          | 1.06%           | 0.111%        |
| 5         | 1.697       | 97            | 100         | 104          | rBV      | 59050          | 66098         | 10.66%          | 1.111%        |
| 6         | 2.190       | 178           | 181         | 183          | rBV4     | 4861           | 6593          | 1.06%           | 0.111%        |
| 7         | 2.233       | 184           | 188         | 195          | rVB9     | 11028          | 22156         | 3.57%           | 0.372%        |
| 8         | 2.343       | 201           | 206         | 214          | rBV      | 126087         | 197148        | 31.79%          | 3.313%        |
| 9         | 2.447       | 214           | 223         | 230          | rVB2     | 13170          | 34188         | 5.51%           | 0.574%        |
| 10        | 2.636       | 247           | 254         | 255          | rBV7     | 7743           | 12933         | 2.09%           | 0.217%        |
| 11        | 2.666       | 255           | 259         | 260          | rVV2     | 5686           | 6594          | 1.06%           | 0.111%        |
| 12        | 4.544       | 558           | 567         | 581          | rBV      | 73969          | 244349        | 39.40%          | 4.106%        |
| 13        | 4.806       | 602           | 610         | 618          | rBV2     | 11792          | 35089         | 5.66%           | 0.590%        |
| 14        | 5.135       | 654           | 664         | 681          | rVB      | 92992          | 295942        | 47.72%          | 4.973%        |
| 15        | 5.629       | 739           | 745         | 748          | rBV8     | 4024           | 9327          | 1.50%           | 0.157%        |
| 16        | 6.043       | 801           | 813         | 826          | rBV2     | 208685         | 609631        | 98.30%          | 10.244%       |
| 17        | 6.830       | 931           | 942         | 954          | rBV      | 211394         | 509391        | 82.14%          | 8.560%        |
| 18        | 7.177       | 993           | 999         | 1004         | rBV10    | 3648           | 7690          | 1.24%           | 0.129%        |
| 19        | 7.366       | 1022          | 1030        | 1039         | rBV2     | 132442         | 293128        | 47.27%          | 4.926%        |
| 20        | 7.531       | 1049          | 1057        | 1061         | rBV8     | 4008           | 9066          | 1.46%           | 0.152%        |
| 21        | 8.372       | 1189          | 1195        | 1203         | rVB      | 80112          | 126598        | 20.41%          | 2.127%        |
| 22        | 8.537       | 1214          | 1222        | 1227         | rVB7     | 10525          | 20204         | 3.26%           | 0.340%        |
| 23        | 8.695       | 1240          | 1248        | 1256         | rBV      | 287760         | 463618        | 74.76%          | 7.791%        |
| 24        | 8.994       | 1289          | 1297        | 1303         | rBV      | 53705          | 87002         | 14.03%          | 1.462%        |
| 25        | 9.317       | 1346          | 1350        | 1355         | rBV5     | 7929           | 15192         | 2.45%           | 0.255%        |
| 26        | 9.427       | 1361          | 1368        | 1378         | rBV      | 420950         | 602379        | 97.13%          | 10.122%       |
| 27        | 9.561       | 1386          | 1390        | 1396         | rVB7     | 8952           | 15796         | 2.55%           | 0.265%        |
| 28        | 10.098      | 1470          | 1478        | 1488         | rVB      | 455639         | 620158        | 100.00%         | 10.421%       |
| 29        | 10.811      | 1591          | 1595        | 1601         | rBV8     | 4236           | 6785          | 1.09%           | 0.114%        |
| 30        | 10.994      | 1622          | 1625        | 1632         | rBV9     | 3468           | 6904          | 1.11%           | 0.116%        |
| 31        | 11.232      | 1658          | 1664        | 1669         | rBV      | 141264         | 182362        | 29.41%          | 3.064%        |
| 32        | 11.360      | 1678          | 1685        | 1688         | rBV4     | 8799           | 15253         | 2.46%           | 0.256%        |
| 33        | 12.061      | 1793          | 1800        | 1806         | rVV      | 449061         | 555600        | 89.59%          | 9.336%        |
| 34        | 12.146      | 1808          | 1814        | 1820         | rVB      | 11410          | 20060         | 3.23%           | 0.337%        |

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ClientSampleId :  
BFZR0

Integration Parameters: rteint.p  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.1 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\_X\METHOD\SOMXTR092820WMA.M  
Title : TRACE VOA SOM01.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 12.256 | 1827 | 1832 | 1844 | rBV  | 81342  | 125112 | 20.17% | 2.102% |
| 36 | 12.359 | 1844 | 1849 | 1855 | rVV  | 367221 | 460444 | 74.25% | 7.737% |
| 37 | 12.481 | 1864 | 1869 | 1876 | rVB  | 3877   | 10687  | 1.72%  | 0.180% |
| 38 | 12.622 | 1888 | 1892 | 1898 | rVB9 | 5544   | 9648   | 1.56%  | 0.162% |
| 39 | 12.804 | 1919 | 1922 | 1927 | rVB4 | 8038   | 8976   | 1.45%  | 0.151% |
| 40 | 12.896 | 1932 | 1937 | 1941 | rVB2 | 24801  | 32024  | 5.16%  | 0.538% |
| 41 | 13.134 | 1971 | 1976 | 1979 | rBV6 | 9449   | 15398  | 2.48%  | 0.259% |
| 42 | 13.627 | 2054 | 2057 | 2061 | rBV6 | 5076   | 8767   | 1.41%  | 0.147% |
| 43 | 13.731 | 2068 | 2074 | 2079 | rVB9 | 4971   | 8296   | 1.34%  | 0.139% |
| 44 | 13.829 | 2085 | 2090 | 2096 | rBV9 | 5090   | 9411   | 1.52%  | 0.158% |
| 45 | 14.493 | 2194 | 2199 | 2203 | rBV7 | 15724  | 23476  | 3.79%  | 0.394% |
| 46 | 14.822 | 2248 | 2253 | 2257 | rBV7 | 3462   | 6275   | 1.01%  | 0.105% |
| 47 | 15.030 | 2284 | 2287 | 2291 | rVB6 | 7505   | 9669   | 1.56%  | 0.162% |
| 48 | 15.408 | 2342 | 2349 | 2352 | rBV6 | 14519  | 27035  | 4.36%  | 0.454% |

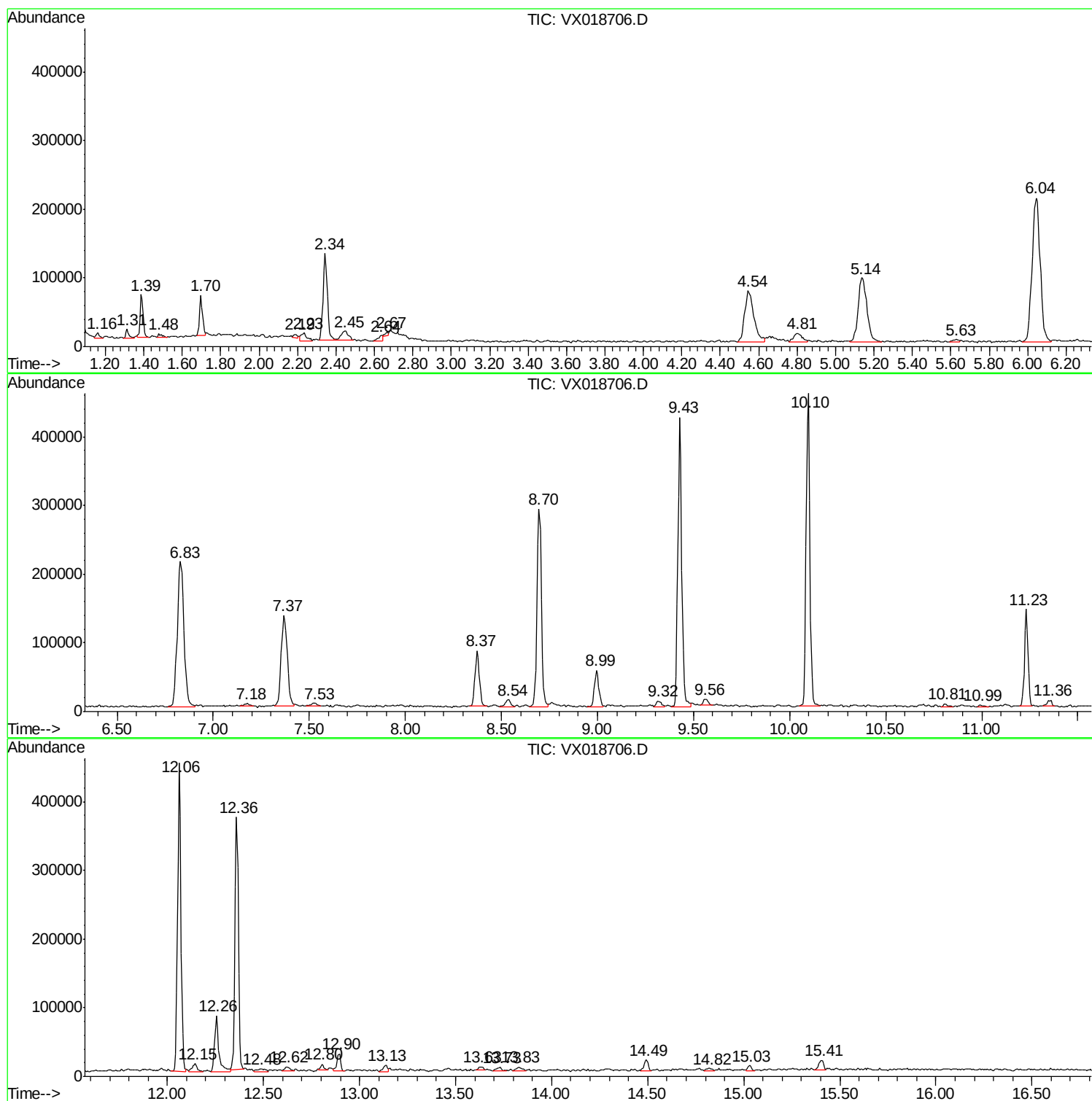
Sum of corrected areas: 5951045

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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Quant Title : TRACE VOA SOM01.0

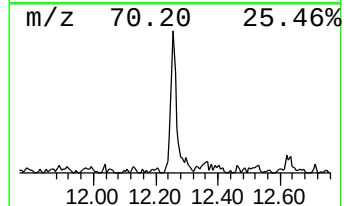
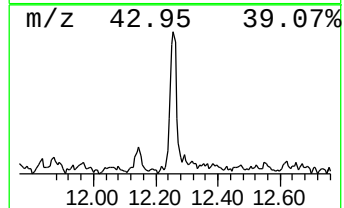
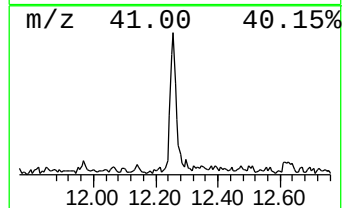
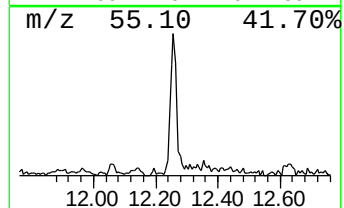
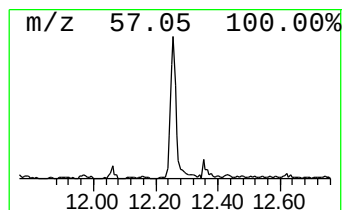
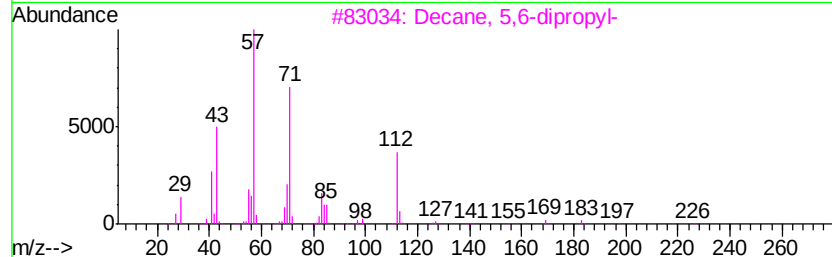
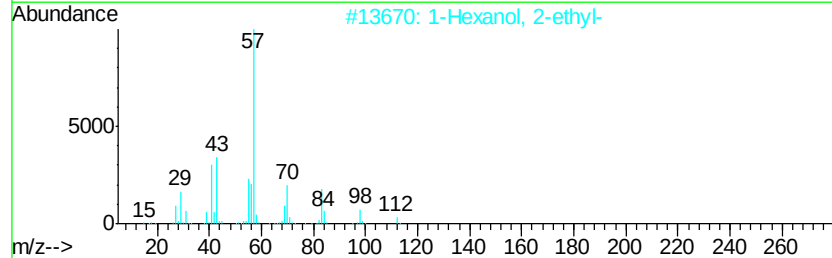
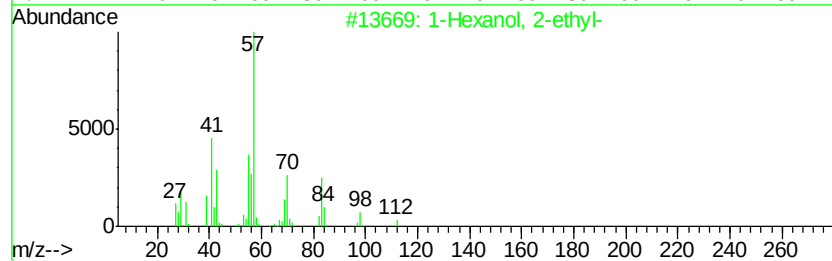
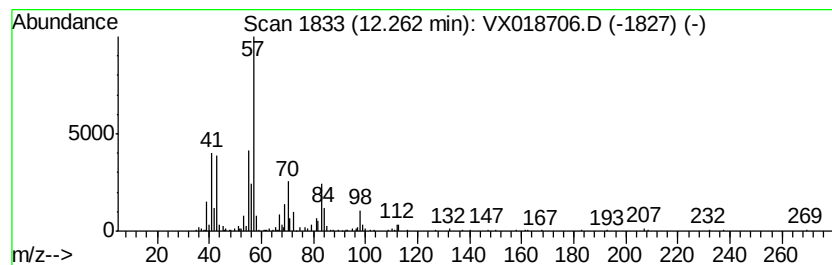
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 12.26 | 1.13 ug/L | 125112 | 1,4-Dichlorobenzene-d4 | 12.06 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 90   |
| 2    |    | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 78   |
| 3    |    | Decane, 5,6-dipropyl-               | 226 | C16H34   | 119209-20-0  | 59   |
| 4    |    | Carbonic acid, isobutyl 2-ethylh... | 230 | C13H26O3 | 1000357-82-9 | 59   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl-       | 130 | C8H18O   | 000106-67-2  | 59   |



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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Hexanol, 2-ethyl- | 12.26 | 1.1     | ug/L  | 125112   | 3                     | 12.06 | 555600 | 5.0  |