

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\  
 Data File : VU037462.D  
 Acq On : 30 Mar 2020 14:43  
 Operator : JC/MD  
 Sample : L2001-20  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAWG3

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\SOMUTR032820WMA.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         | 1.610       | 77            | 84          | 93           | rBV      | 45738          | 50535         | 11.13%          | 1.400%        |
| 2         | 1.929       | 176           | 183         | 193          | rVB      | 39534          | 52271         | 11.51%          | 1.448%        |
| 3         | 2.591       | 378           | 389         | 401          | rVV2     | 77447          | 126706        | 27.91%          | 3.509%        |
| 4         | 2.655       | 402           | 409         | 419          | rVB      | 5329           | 8815          | 1.94%           | 0.244%        |
| 5         | 3.218       | 571           | 584         | 595          | rBV5     | 2743           | 6816          | 1.50%           | 0.189%        |
| 6         | 4.668       | 1018          | 1035        | 1056         | rBV      | 74646          | 180548        | 39.77%          | 5.000%        |
| 7         | 4.848       | 1080          | 1091        | 1106         | rBV2     | 18045          | 39052         | 8.60%           | 1.081%        |
| 8         | 5.105       | 1153          | 1171        | 1193         | rVB2     | 67422          | 158444        | 34.90%          | 4.388%        |
| 9         | 5.562       | 1297          | 1313        | 1333         | rBV      | 107265         | 234241        | 51.59%          | 6.487%        |
| 10        | 5.761       | 1350          | 1375        | 1395         | rBV2     | 144644         | 376037        | 82.82%          | 10.414%       |
| 11        | 6.282       | 1524          | 1537        | 1550         | rBV      | 125649         | 229212        | 50.48%          | 6.348%        |
| 12        | 6.723       | 1661          | 1674        | 1694         | rVB2     | 93063          | 181569        | 39.99%          | 5.028%        |
| 13        | 7.594       | 1930          | 1945        | 1956         | rBV3     | 51622          | 88644         | 19.52%          | 2.455%        |
| 14        | 7.922       | 2035          | 2047        | 2062         | rBV      | 178694         | 306962        | 67.61%          | 8.501%        |
| 15        | 7.996       | 2062          | 2070        | 2081         | rVB2     | 4506           | 7160          | 1.58%           | 0.198%        |
| 16        | 8.205       | 2123          | 2135        | 2151         | rBV2     | 33772          | 57156         | 12.59%          | 1.583%        |
| 17        | 8.658       | 2264          | 2276        | 2305         | rBV      | 256364         | 454031        | 100.00%         | 12.574%       |
| 18        | 9.436       | 2506          | 2518        | 2534         | rBV      | 173619         | 287650        | 63.35%          | 7.966%        |
| 19        | 10.774      | 2920          | 2934        | 2948         | rBV      | 72926          | 117300        | 25.84%          | 3.248%        |
| 20        | 11.774      | 3234          | 3245        | 3251         | rBV3     | 11217          | 18840         | 4.15%           | 0.522%        |
| 21        | 11.825      | 3251          | 3261        | 3276         | rVB      | 186124         | 294733        | 64.91%          | 8.162%        |
| 22        | 12.079      | 3328          | 3340        | 3353         | rBV      | 21246          | 36720         | 8.09%           | 1.017%        |
| 23        | 12.205      | 3368          | 3379        | 3392         | rBV      | 178404         | 288343        | 63.51%          | 7.985%        |
| 24        | 13.240      | 3692          | 3701        | 3711         | rVB4     | 6228           | 9147          | 2.01%           | 0.253%        |

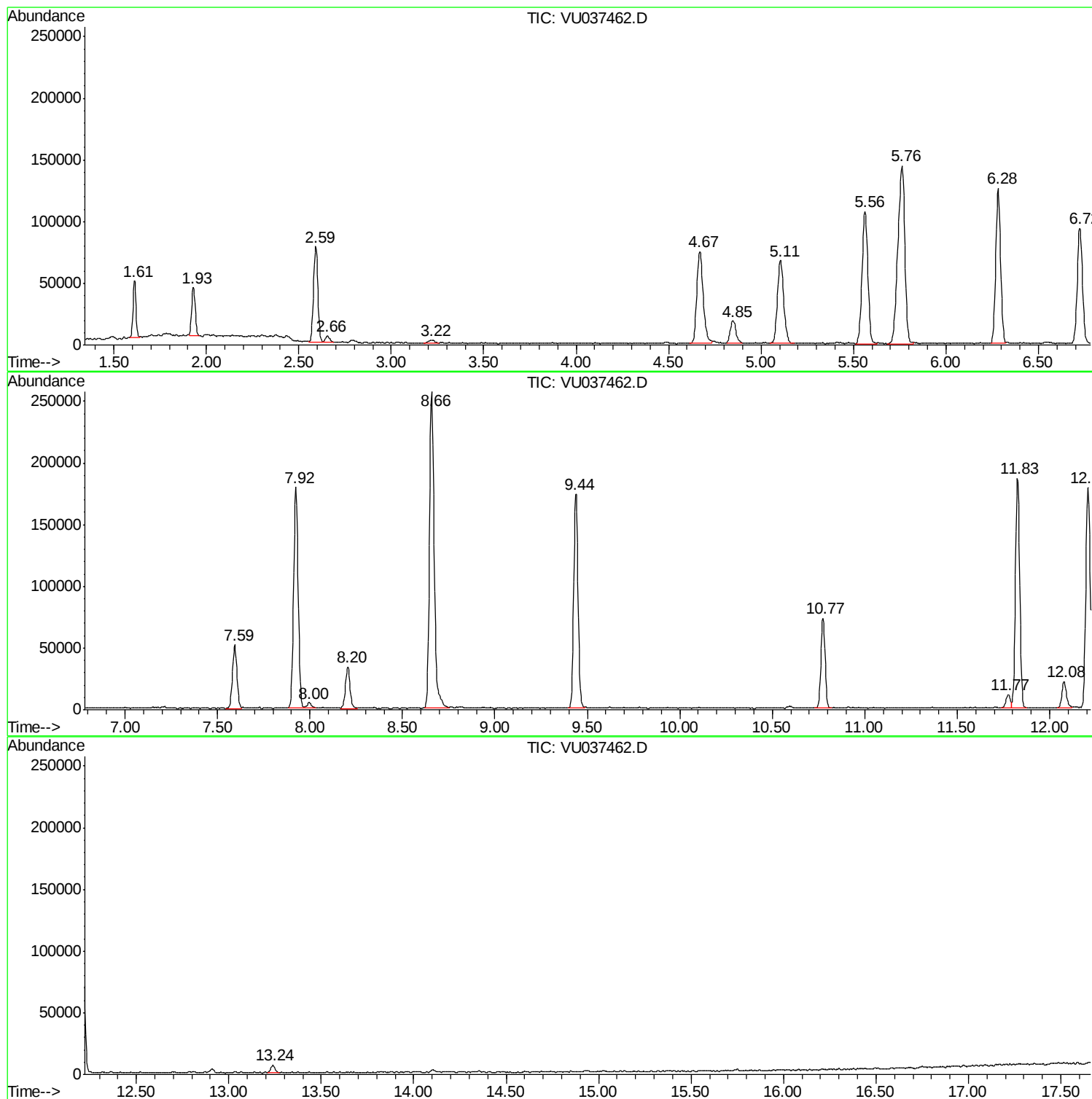
Sum of corrected areas: 3610932

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampled :  
GAWG3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032820WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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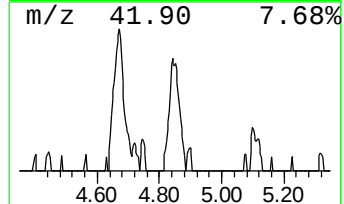
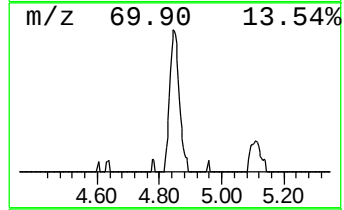
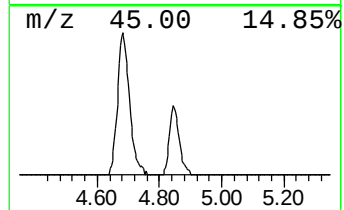
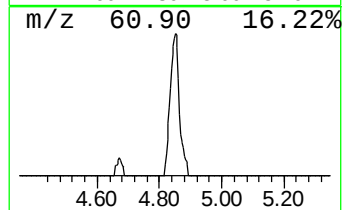
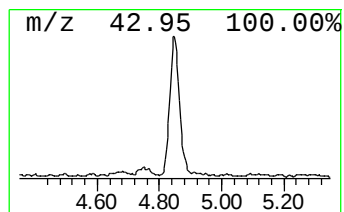
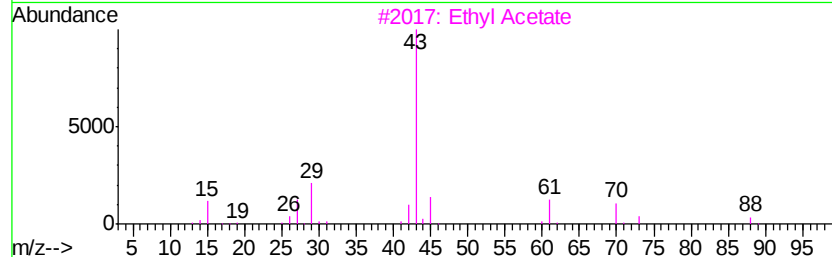
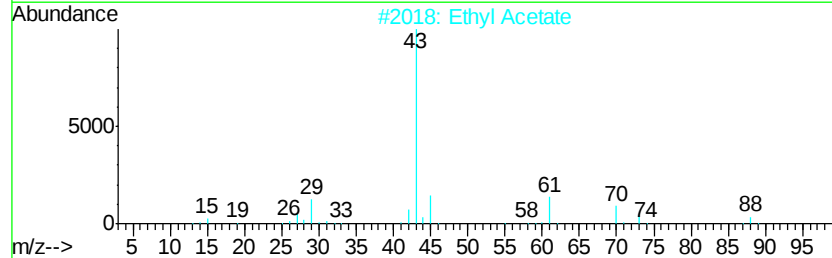
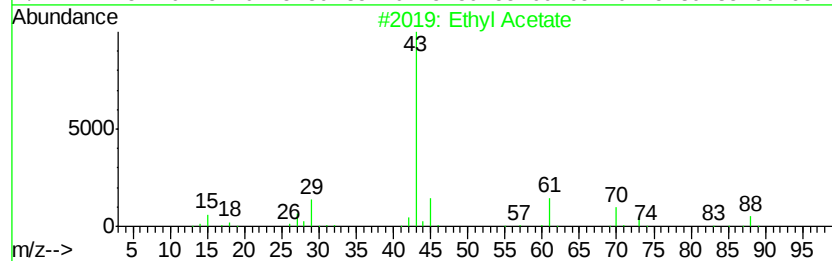
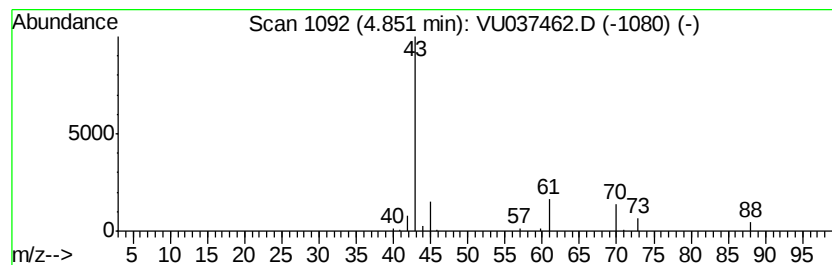
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 4.85 | 0.85 ug/L | 39052 | 1,4-Difluorobenzene | 6.28 |

| Hit# of | 5               | Tentative ID | MW | MolForm | CAS#        | Qual |
|---------|-----------------|--------------|----|---------|-------------|------|
| 1       | Ethyl Acetate   |              | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2       | Ethyl Acetate   |              | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3       | Ethyl Acetate   |              | 88 | C4H8O2  | 000141-78-6 | 83   |
| 4       | Ethyl Acetate   |              | 88 | C4H8O2  | 000141-78-6 | 83   |
| 5       | CH3C(O)CH2CH2OH |              | 88 | C4H8O2  | 000590-90-9 | 80   |



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Quant Title : TRACE VOA SOM01.0

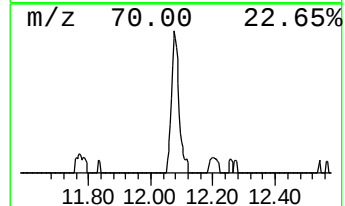
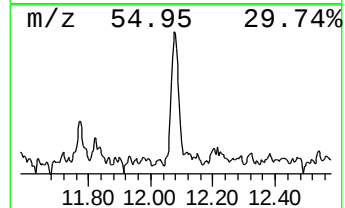
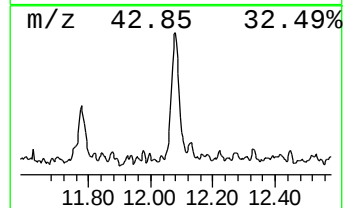
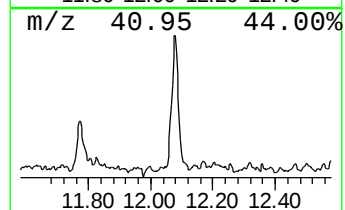
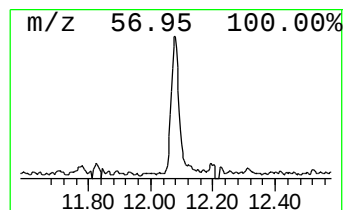
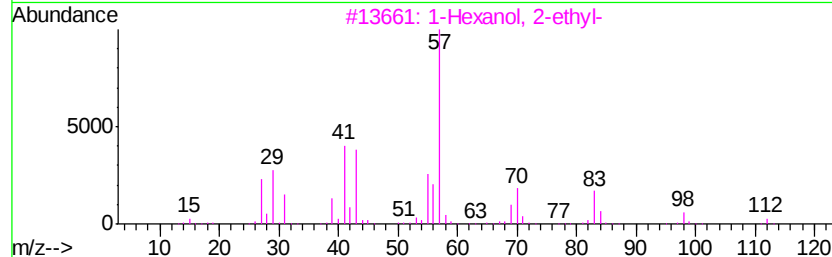
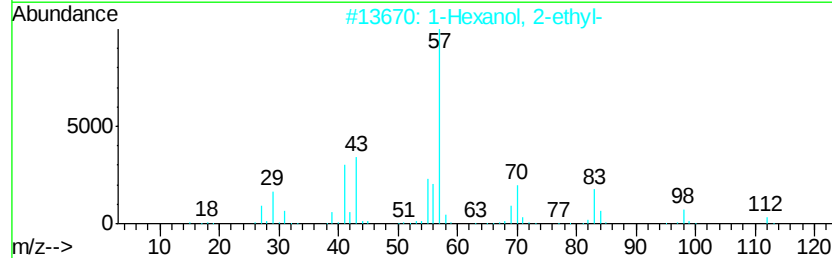
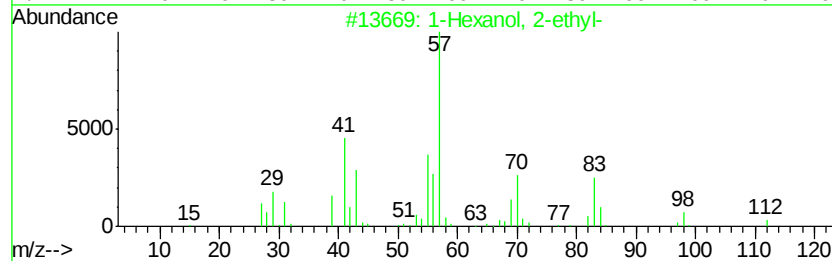
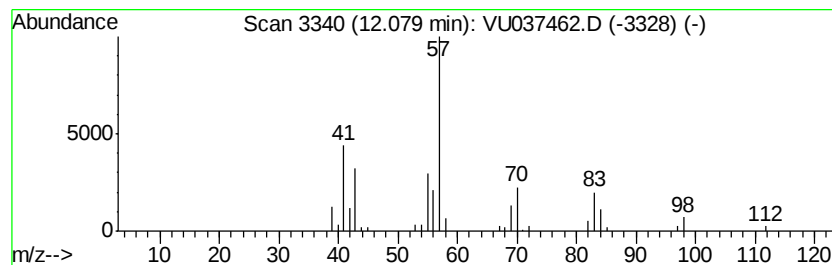
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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 12.08 | 0.62 ug/L | 36720 | 1,4-Dichlorobenzene-d4 | 11.83 |

| 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 | 83   |
| 3    |    | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    |    | 2-Propyl-1-pentanol | 130 | C8H18O  | 058175-57-8 | 64   |
| 5    |    | 1-Hexanol, 2-ethyl- | 130 | C8H18O  | 000104-76-7 | 56   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate       | 4.85  | 0.8     | ug/L  | 39052    | 1                     | 6.28  | 229212 | 5.0  |
| 1-Hexanol, 2-ethyl- | 12.08 | 0.6     | ug/L  | 36720    | 3                     | 11.83 | 294733 | 5.0  |