

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\  
 Data File : VV006831.D  
 Acq On : 03 Aug 2018 02:38  
 Operator : SY/MD  
 Sample : J4227-10  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWR9

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\_V\METHOD\SOMVTR080218WMA.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         | 1.029       | 30            | 43          | 67           | rBV      | 2132038        | 2616900       | 100.00%         | 27.732%       |
| 2         | 1.318       | 125           | 133         | 143          | rBV      | 129392         | 138041        | 5.27%           | 1.463%        |
| 3         | 1.582       | 209           | 215         | 222          | rVB      | 109180         | 117884        | 4.50%           | 1.249%        |
| 4         | 2.131       | 378           | 386         | 396          | rVB      | 206140         | 283162        | 10.82%          | 3.001%        |
| 5         | 2.192       | 397           | 405         | 418          | rVB      | 86936          | 122494        | 4.68%           | 1.298%        |
| 6         | 2.315       | 436           | 443         | 455          | rVB      | 47473          | 76990         | 2.94%           | 0.816%        |
| 7         | 3.951       | 935           | 952         | 988          | rBV3     | 145620         | 451070        | 17.24%          | 4.780%        |
| 8         | 4.408       | 1074          | 1094        | 1113         | rBV      | 143646         | 343120        | 13.11%          | 3.636%        |
| 9         | 5.099       | 1286          | 1309        | 1336         | rBV2     | 328522         | 789541        | 30.17%          | 8.367%        |
| 10        | 5.671       | 1472          | 1487        | 1503         | rBV      | 268240         | 535690        | 20.47%          | 5.677%        |
| 11        | 6.125       | 1613          | 1628        | 1645         | rBV      | 194792         | 386759        | 14.78%          | 4.099%        |
| 12        | 7.035       | 1897          | 1911        | 1926         | rBV      | 81421          | 147613        | 5.64%           | 1.564%        |
| 13        | 7.366       | 1998          | 2014        | 2027         | rBV      | 325188         | 564481        | 21.57%          | 5.982%        |
| 14        | 7.437       | 2028          | 2036        | 2054         | rVB2     | 22724          | 43348         | 1.66%           | 0.459%        |
| 15        | 7.668       | 2098          | 2108        | 2122         | rBV      | 50954          | 85507         | 3.27%           | 0.906%        |
| 16        | 8.141       | 2242          | 2255        | 2285         | rBV      | 416370         | 809751        | 30.94%          | 8.581%        |
| 17        | 8.292       | 2294          | 2302        | 2315         | rVB4     | 23087          | 38628         | 1.48%           | 0.409%        |
| 18        | 8.903       | 2477          | 2492        | 2509         | rBV      | 376115         | 619328        | 23.67%          | 6.563%        |
| 19        | 10.266      | 2904          | 2916        | 2930         | rBV      | 151731         | 246689        | 9.43%           | 2.614%        |
| 20        | 11.301      | 3225          | 3238        | 3258         | rBV      | 294548         | 491416        | 18.78%          | 5.208%        |
| 21        | 11.591      | 3315          | 3328        | 3342         | rBV3     | 36663          | 73792         | 2.82%           | 0.782%        |
| 22        | 11.678      | 3344          | 3355        | 3374         | rVB      | 272770         | 454143        | 17.35%          | 4.813%        |

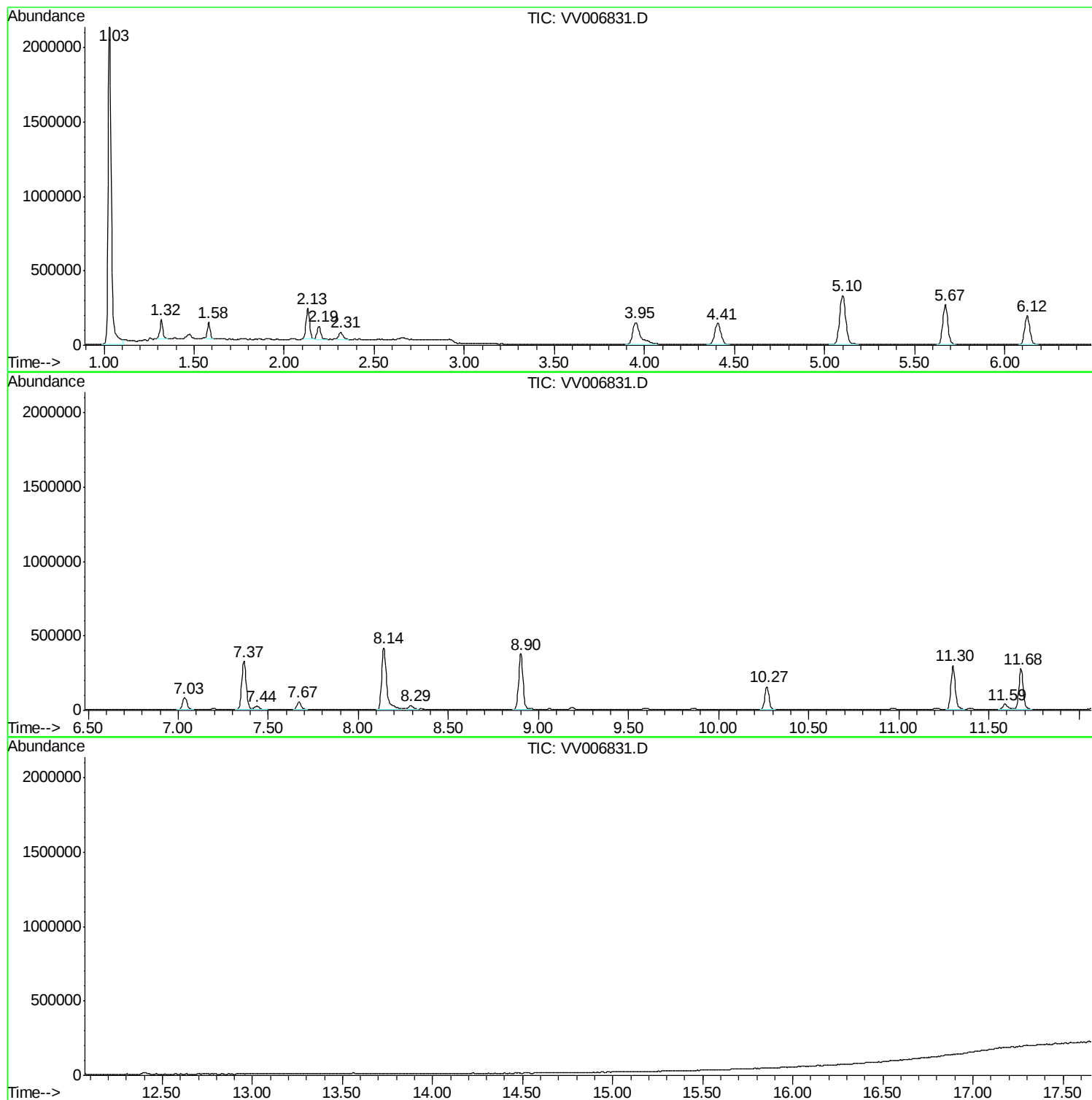
Sum of corrected areas: 9436347

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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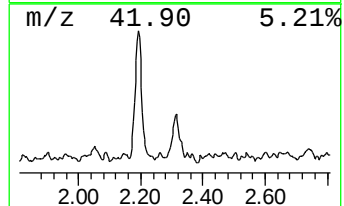
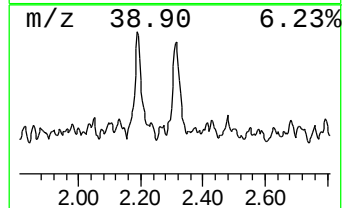
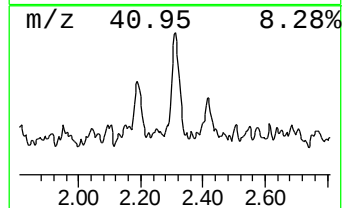
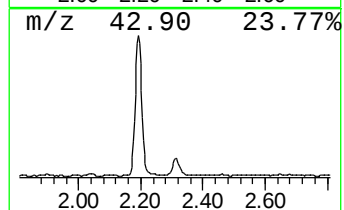
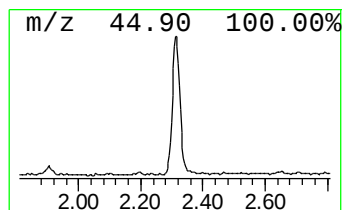
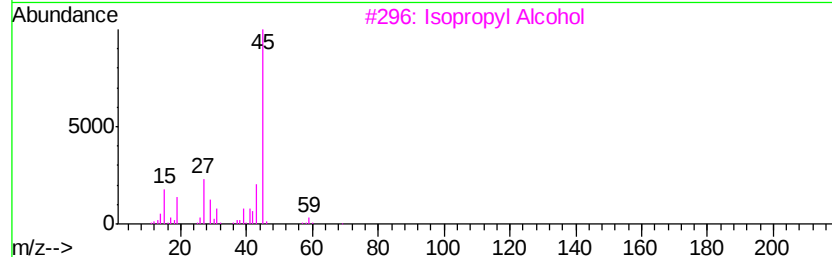
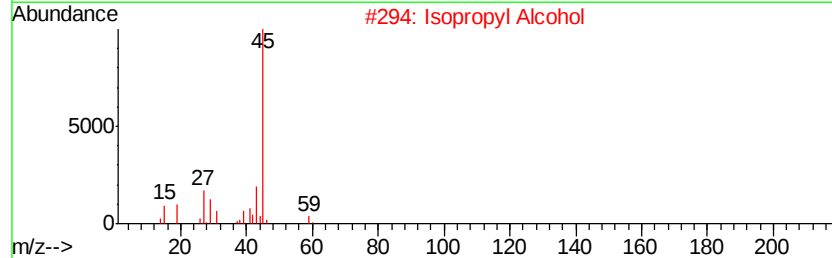
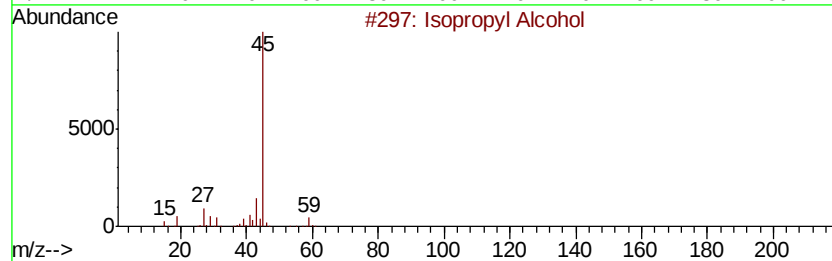
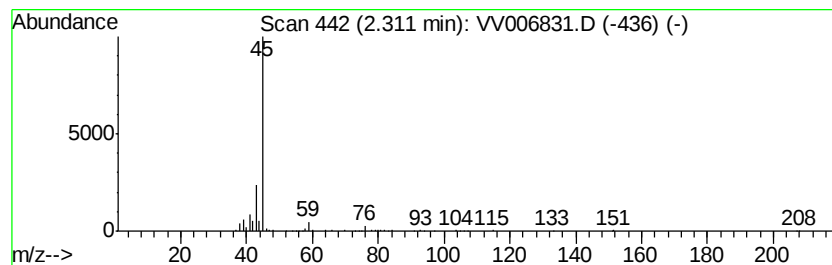
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.31 | 0.72 ug/L | 76990 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|--------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 80   |
| 2    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 72   |
| 3    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |
| 5    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |



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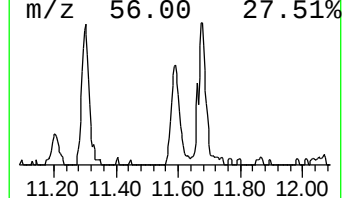
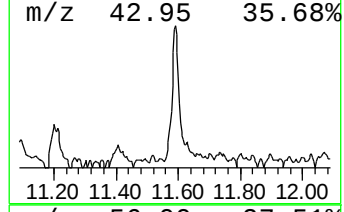
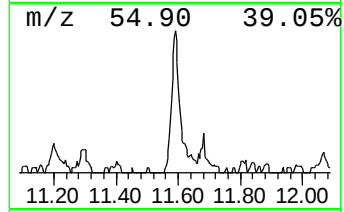
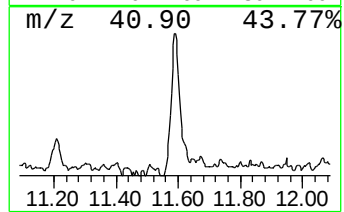
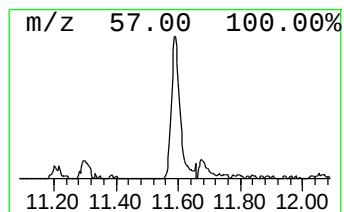
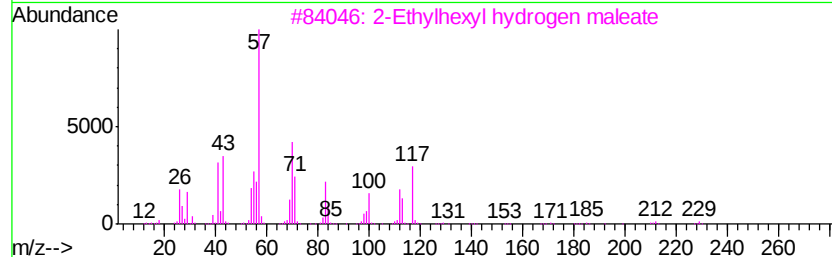
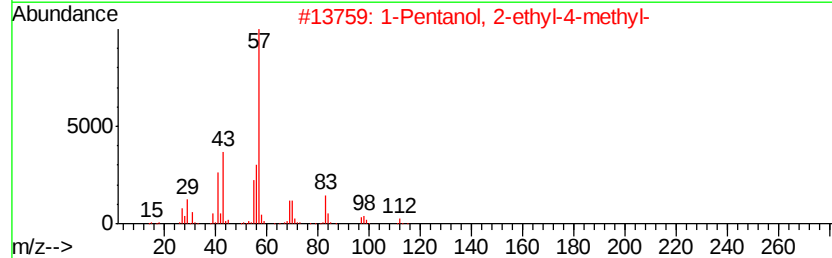
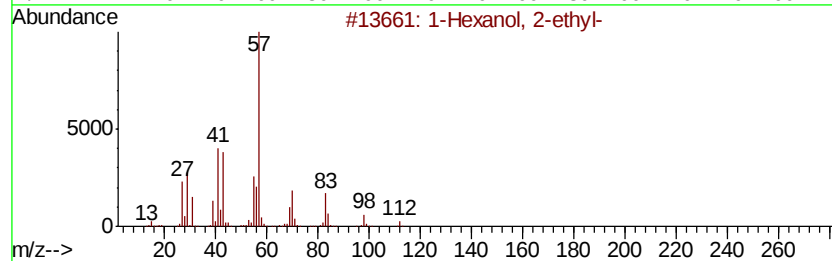
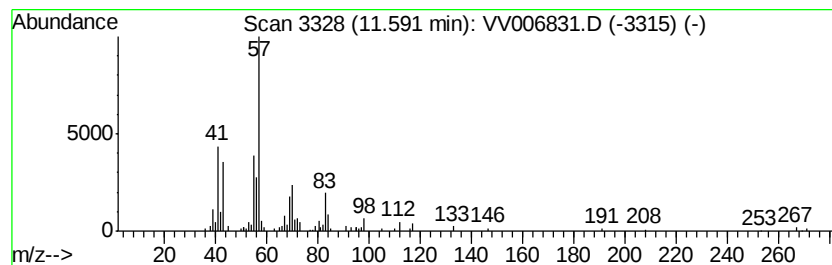
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 Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 11.59 | 0.75 ug/L | 73792 | 1,4-Dichlorobenzene-d4 | 11.30 |

| Hit# | of | Tentative ID                  | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------|-----|----------|-------------|------|
| 1    | 5  | 1-Hexanol, 2-ethyl-           | 130 | C8H18O   | 000104-76-7 | 72   |
| 2    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O   | 000106-67-2 | 59   |
| 3    |    | 2-Ethylhexyl hydrogen maleate | 228 | C12H20O4 | 002370-71-0 | 53   |
| 4    |    | 2-Propyl-1-pentanol           | 130 | C8H18O   | 058175-57-8 | 50   |
| 5    |    | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O   | 000106-67-2 | 50   |



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| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol   | 2.31  | 0.7     | ug/L  | 76990    | 1                     | 5.67  | 535690 | 5.0  |
| 1-Hexanol, 2-ethyl- | 11.59 | 0.8     | ug/L  | 73792    | 3                     | 11.30 | 491416 | 5.0  |