

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122818\  
 Data File : VU028973.D  
 Acq On : 27 Dec 2018 19:05  
 Operator : MD/SY  
 Sample : J6506-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF029

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\SOMUTR122818WMA.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         | 1.325       | 43            | 47          | 61           | rVB      | 8424           | 9265          | 2.69%           | 0.273%        |
| 2         | 1.399       | 62            | 70          | 82           | rVB      | 45899          | 48320         | 14.05%          | 1.426%        |
| 3         | 1.681       | 150           | 158         | 171          | rVB      | 41547          | 50543         | 14.69%          | 1.492%        |
| 4         | 2.167       | 303           | 309         | 321          | rVB5     | 3308           | 5889          | 1.71%           | 0.174%        |
| 5         | 2.273       | 331           | 342         | 352          | rBV      | 82056          | 124182        | 36.10%          | 3.666%        |
| 6         | 2.334       | 353           | 361         | 376          | rVB      | 11991          | 22062         | 6.41%           | 0.651%        |
| 7         | 2.488       | 392           | 409         | 443          | rBV      | 43938          | 162469        | 47.23%          | 4.796%        |
| 8         | 2.836       | 507           | 517         | 526          | rBV4     | 3471           | 8231          | 2.39%           | 0.243%        |
| 9         | 4.000       | 868           | 879         | 897          | rVB4     | 3429           | 8208          | 2.39%           | 0.242%        |
| 10        | 4.199       | 925           | 941         | 980          | rBV2     | 52656          | 184605        | 53.66%          | 5.449%        |
| 11        | 4.646       | 1064          | 1080        | 1098         | rBV      | 61371          | 147070        | 42.75%          | 4.341%        |
| 12        | 5.337       | 1271          | 1295        | 1313         | rBV3     | 126955         | 344004        | 100.00%         | 10.155%       |
| 13        | 5.884       | 1449          | 1465        | 1486         | rBV      | 136318         | 266595        | 77.50%          | 7.870%        |
| 14        | 6.331       | 1587          | 1604        | 1620         | rBV2     | 81886          | 164033        | 47.68%          | 4.842%        |
| 15        | 7.228       | 1872          | 1883        | 1904         | rBV      | 42700          | 75750         | 22.02%          | 2.236%        |
| 16        | 7.562       | 1975          | 1987        | 2003         | rBV      | 166564         | 292384        | 84.99%          | 8.631%        |
| 17        | 7.636       | 2006          | 2010        | 2022         | rVB      | 3724           | 5788          | 1.68%           | 0.171%        |
| 18        | 7.852       | 2067          | 2077        | 2100         | rVB      | 25000          | 43620         | 12.68%          | 1.288%        |
| 19        | 8.176       | 2166          | 2178        | 2189         | rBV4     | 5800           | 11127         | 3.23%           | 0.328%        |
| 20        | 8.315       | 2210          | 2221        | 2247         | rBV      | 191856         | 341338        | 99.23%          | 10.076%       |
| 21        | 9.089       | 2449          | 2462        | 2482         | rBV      | 196776         | 327714        | 95.26%          | 9.674%        |
| 22        | 10.430      | 2868          | 2879        | 2894         | rBV      | 64749          | 102260        | 29.73%          | 3.019%        |
| 23        | 10.607      | 2924          | 2934        | 2948         | rVB      | 7684           | 12852         | 3.74%           | 0.379%        |
| 24        | 11.482      | 3194          | 3206        | 3225         | rBV      | 194911         | 315408        | 91.69%          | 9.311%        |
| 25        | 11.745      | 3278          | 3288        | 3306         | rBV2     | 26726          | 46990         | 13.66%          | 1.387%        |
| 26        | 11.858      | 3312          | 3323        | 3347         | rVB      | 158985         | 260950        | 75.86%          | 7.703%        |
| 27        | 12.896      | 3639          | 3646        | 3660         | rBV7     | 3959           | 5963          | 1.73%           | 0.176%        |

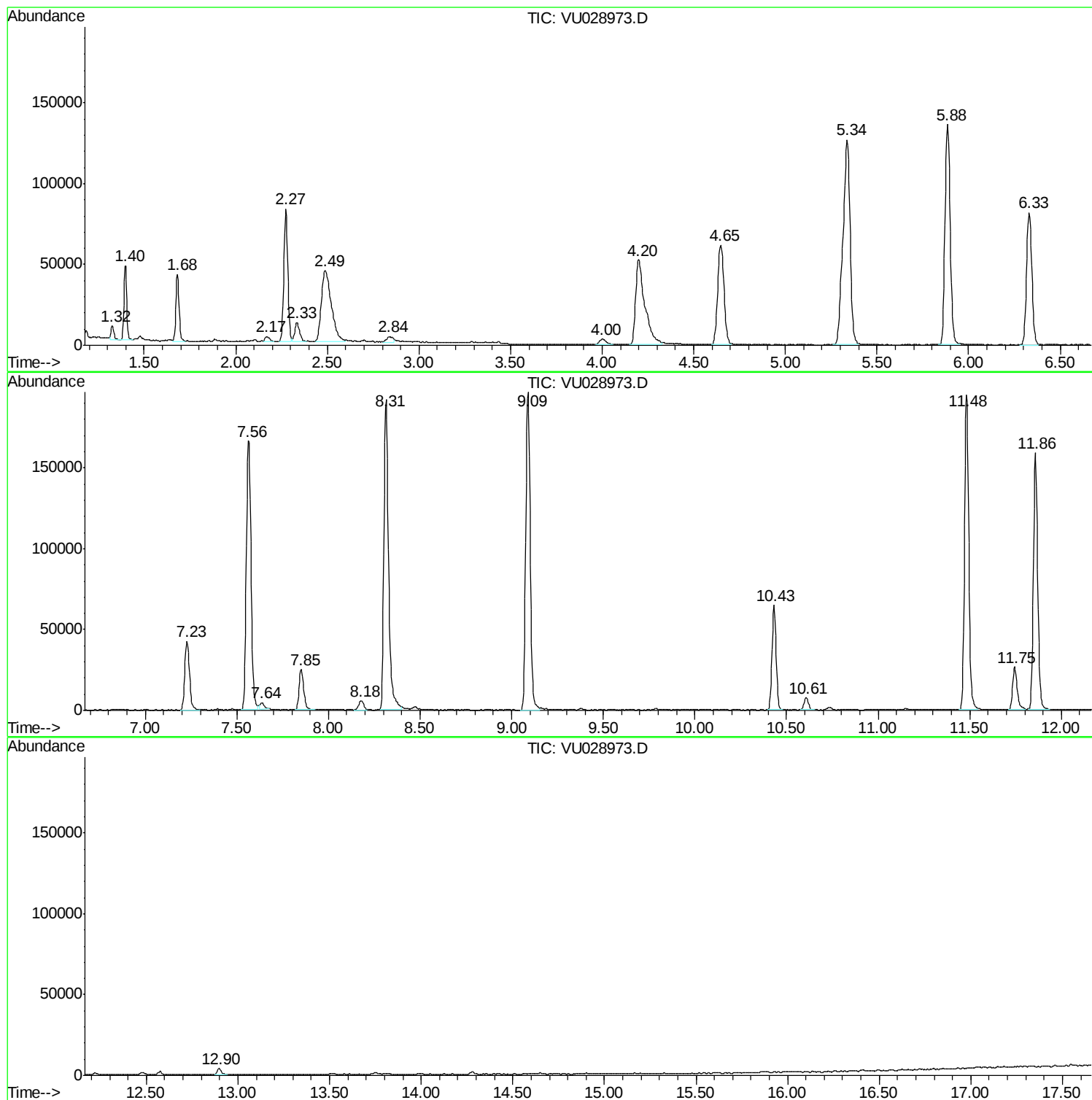
Sum of corrected areas: 3387620

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Instrument :  
MSVOA\_U  
ClientSampleId :  
BF029

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR122818WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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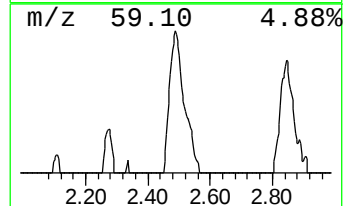
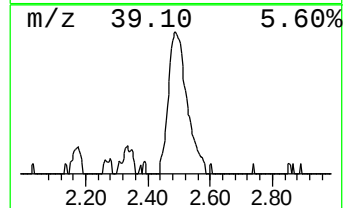
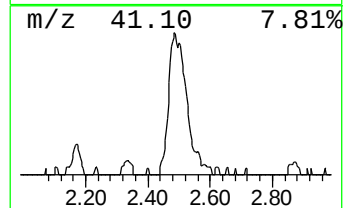
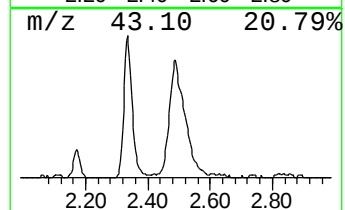
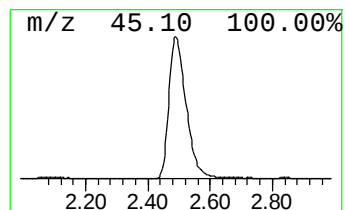
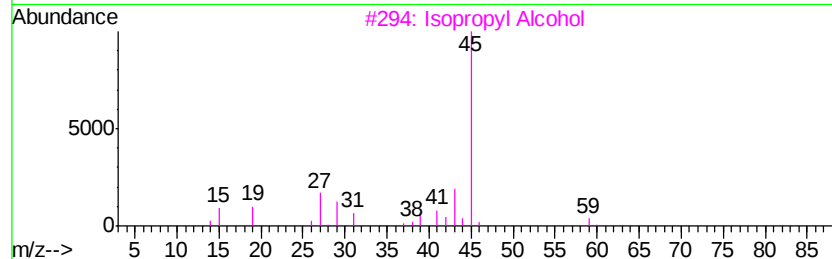
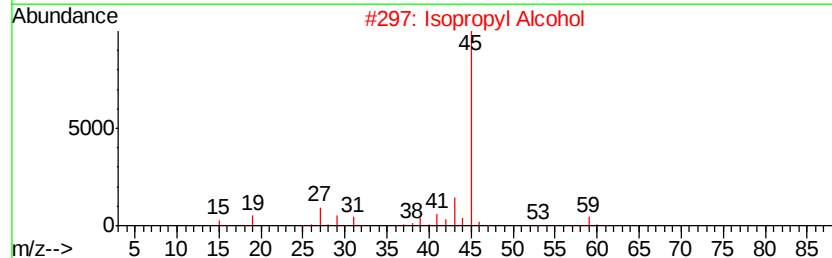
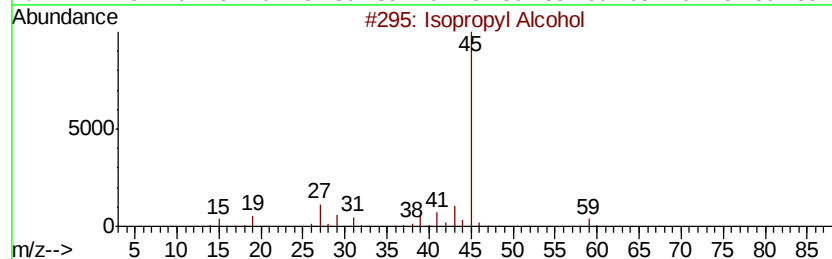
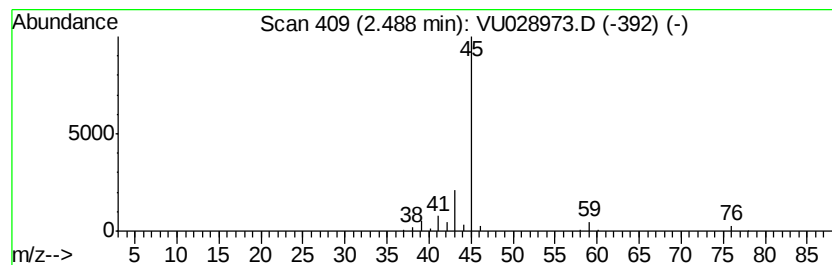
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.49 | 3.05 ug/L | 162469 | 1,4-Difluorobenzene | 5.88 |

| Hit# of | 5                  | Tentative ID | MW | MolForm | CAS#        | Qual |
|---------|--------------------|--------------|----|---------|-------------|------|
| 1       | Isopropyl Alcohol  |              | 60 | C3H8O   | 000067-63-0 | 86   |
| 2       | Isopropyl Alcohol  |              | 60 | C3H8O   | 000067-63-0 | 86   |
| 3       | Isopropyl Alcohol  |              | 60 | C3H8O   | 000067-63-0 | 78   |
| 4       | Propane, 2-ethoxy- |              | 88 | C5H12O  | 000625-54-7 | 64   |
| 5       | Propane, 2-ethoxy- |              | 88 | C5H12O  | 000625-54-7 | 43   |



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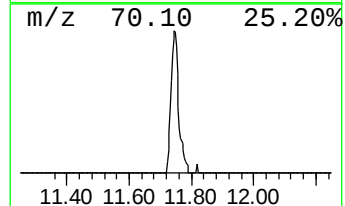
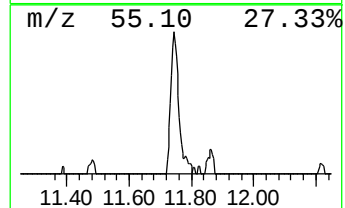
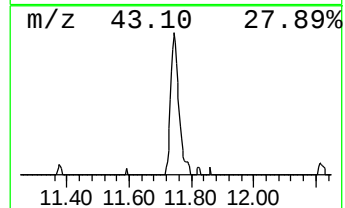
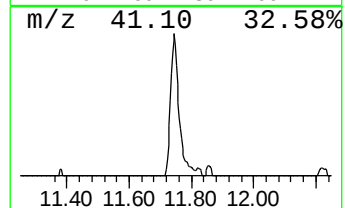
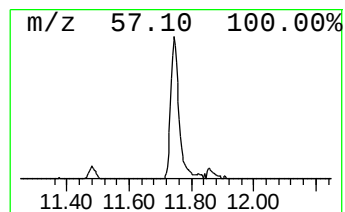
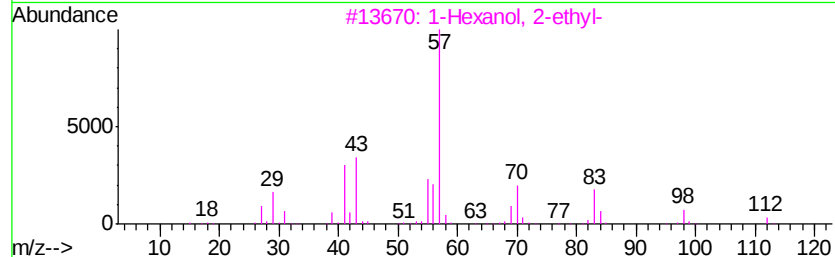
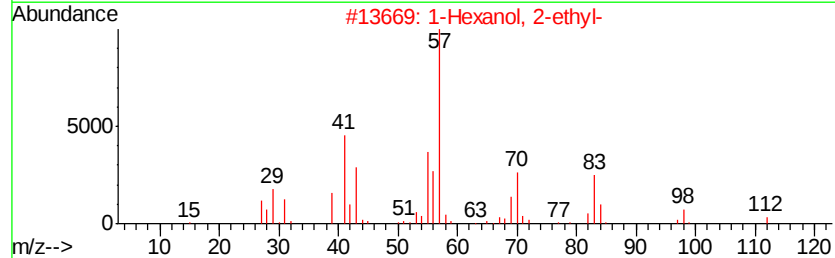
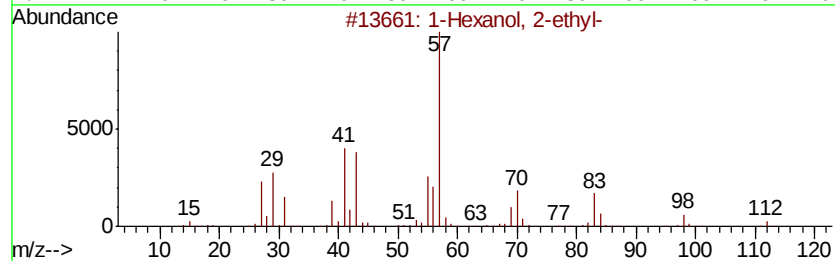
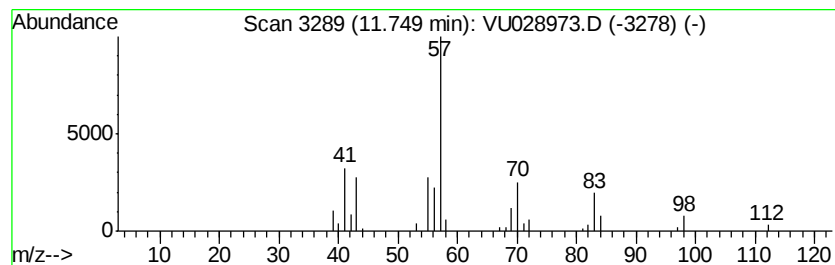
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TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                       | Area  | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------|-------|------------------------|-------------|------|
| 11.75     | 0.74 ug/L                     | 46990 | 1,4-Dichlorobenzene-d4 | 11.48       |      |
| Hit# of 5 | Tentative ID                  | MW    | MolForm                | CAS#        | Qual |
| 1         | 1-Hexanol, 2-ethyl-           | 130   | C8H18O                 | 000104-76-7 | 78   |
| 2         | 1-Hexanol, 2-ethyl-           | 130   | C8H18O                 | 000104-76-7 | 78   |
| 3         | 1-Hexanol, 2-ethyl-           | 130   | C8H18O                 | 000104-76-7 | 78   |
| 4         | 1-Hexanol, 2-ethyl-           | 130   | C8H18O                 | 000104-76-7 | 64   |
| 5         | 1-Pentanol, 2-ethyl-4-methyl- | 130   | C8H18O                 | 000106-67-2 | 59   |



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Quant Title : TRACE VOA SOM01.0

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

| TIC Top Hit name    | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|---------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                     |       |         |       |          | #                     | RT    | Resp   | Conc |
| Isopropyl Alcohol   | 2.49  | 3.0     | ug/L  | 162469   | 1                     | 5.88  | 266595 | 5.0  |
| 1-Hexanol, 2-ethyl- | 11.75 | 0.7     | ug/L  | 46990    | 3                     | 11.48 | 315408 | 5.0  |