

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100818\  
 Data File : VV008183.D  
 Acq On : 09 Oct 2018 05:19  
 Operator : SY/MD  
 Sample : J5280-17  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEYK4

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\SOMVTR100518WMA.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         | 1.319       | 63            | 71          | 87           | rVB      | 41075          | 47763         | 17.53%          | 1.993%        |
| 2         | 1.585       | 147           | 154         | 169          | rVB      | 36037          | 40933         | 15.02%          | 1.708%        |
| 3         | 2.135       | 315           | 325         | 336          | rBV      | 72794          | 102140        | 37.49%          | 4.261%        |
| 4         | 2.389       | 381           | 404         | 439          | rBV2     | 19406          | 105905        | 38.87%          | 4.418%        |
| 5         | 3.968       | 876           | 895         | 910          | rBV2     | 33051          | 99806         | 36.63%          | 4.164%        |
| 6         | 4.148       | 945           | 951         | 965          | rVB6     | 2460           | 5410          | 1.99%           | 0.226%        |
| 7         | 4.408       | 1015          | 1032        | 1051         | rBV      | 51365          | 120334        | 44.16%          | 5.020%        |
| 8         | 5.100       | 1230          | 1247        | 1271         | rBV2     | 118145         | 272476        | 100.00%         | 11.368%       |
| 9         | 5.270       | 1289          | 1300        | 1309         | rVB5     | 1646           | 2989          | 1.10%           | 0.125%        |
| 10        | 5.669       | 1410          | 1424        | 1441         | rBV      | 96662          | 189616        | 69.59%          | 7.911%        |
| 11        | 5.958       | 1504          | 1514        | 1524         | rBV7     | 2114           | 4474          | 1.64%           | 0.187%        |
| 12        | 6.125       | 1546          | 1566        | 1587         | rBV      | 64390          | 132105        | 48.48%          | 5.511%        |
| 13        | 7.035       | 1833          | 1849        | 1868         | rBV      | 27198          | 49067         | 18.01%          | 2.047%        |
| 14        | 7.363       | 1937          | 1951        | 1970         | rBV      | 129546         | 222332        | 81.60%          | 9.276%        |
| 15        | 7.669       | 2037          | 2046        | 2062         | rBV      | 15942          | 28105         | 10.31%          | 1.173%        |
| 16        | 8.145       | 2179          | 2194        | 2234         | rBV3     | 112582         | 261854        | 96.10%          | 10.925%       |
| 17        | 8.900       | 2417          | 2429        | 2455         | rBV      | 141454         | 232890        | 85.47%          | 9.716%        |
| 18        | 10.267      | 2840          | 2854        | 2865         | rBV      | 43824          | 69514         | 25.51%          | 2.900%        |
| 19        | 10.434      | 2896          | 2906        | 2917         | rBV2     | 3125           | 5471          | 2.01%           | 0.228%        |
| 20        | 11.299      | 3164          | 3175        | 3205         | rVB      | 117139         | 201555        | 73.97%          | 8.409%        |
| 21        | 11.591      | 3254          | 3266        | 3276         | rBV5     | 2968           | 5906          | 2.17%           | 0.246%        |
| 22        | 11.678      | 3281          | 3293        | 3315         | rVV      | 116275         | 196290        | 72.04%          | 8.189%        |

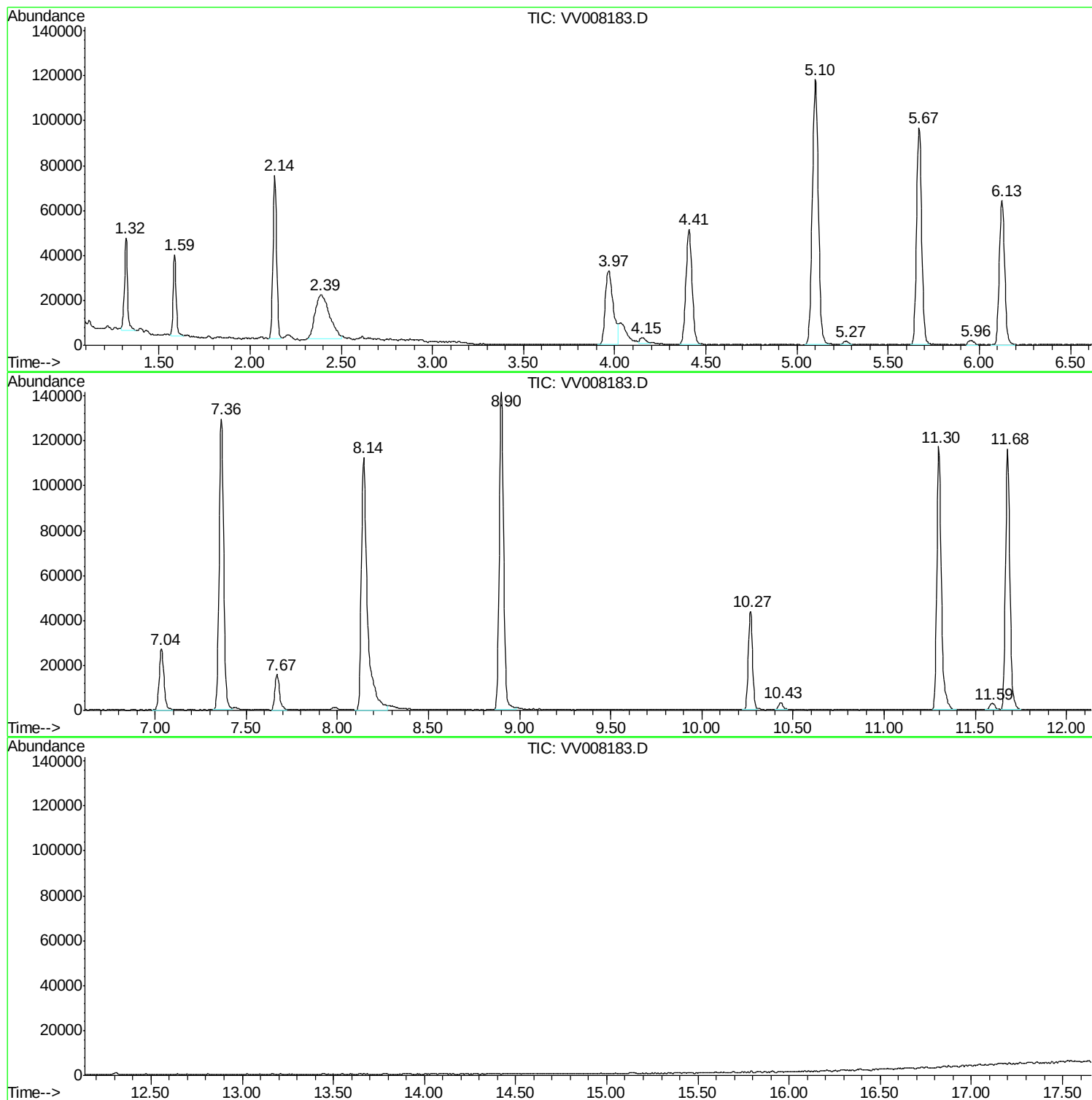
Sum of corrected areas: 2396935

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR100518WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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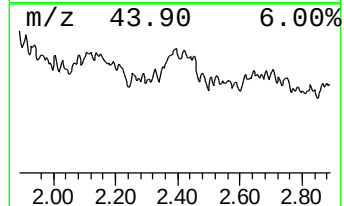
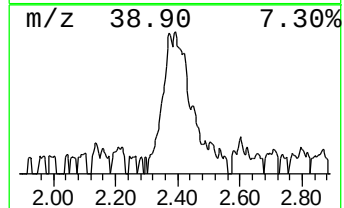
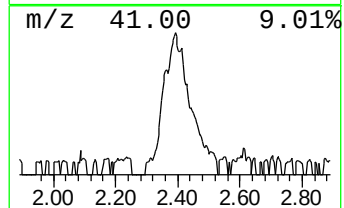
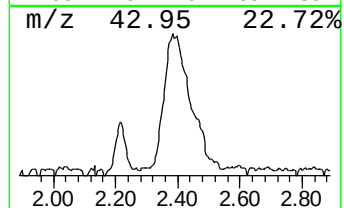
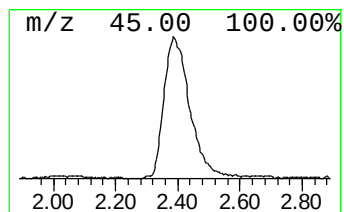
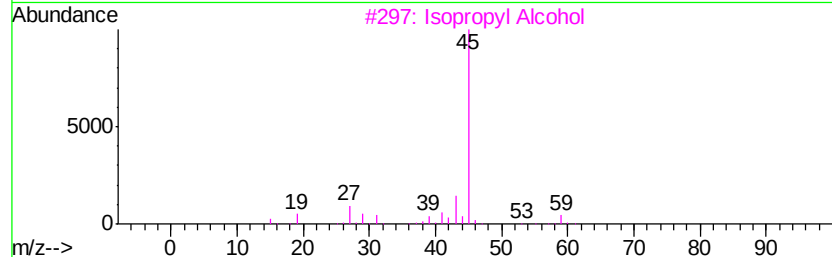
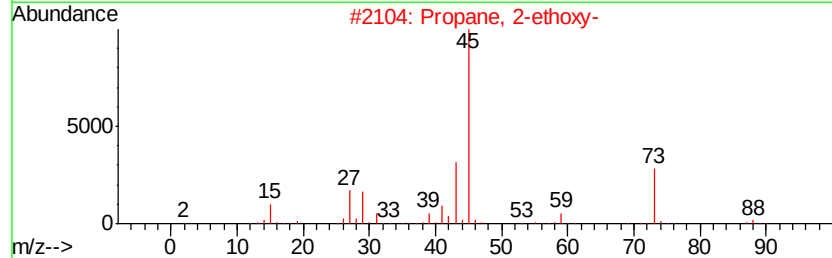
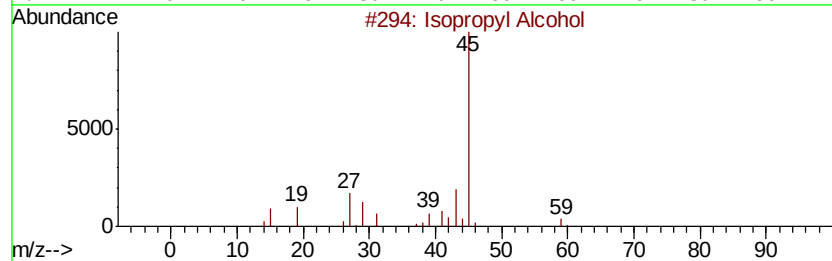
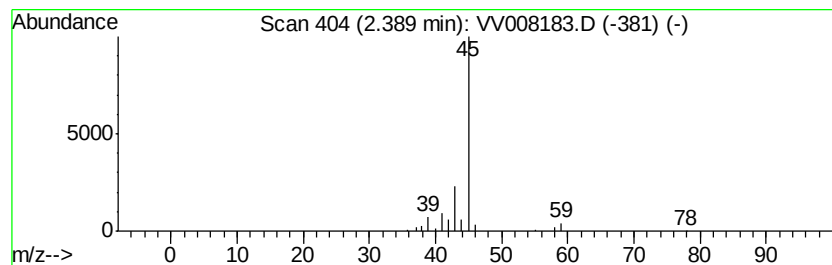
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Quant Title : TRACE VOA SOM01.0

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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. |
|------|-----------|--------|---------------------|------|
| 2.39 | 2.79 ug/L | 105905 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|----------------------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 64   |
| 2    |    | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 43   |
| 3    |    | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 40   |
| 4    |    | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 40   |
| 5    |    | Propane, 2-ethoxy-               | 88 | C5H12O  | 000625-54-7 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.39 | 2.8     | ug/L  | 105905   | 1                     | 5.67 | 189616 | 5.0  |