

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\  
 Data File : VV006882.D  
 Acq On : 04 Aug 2018 15:12  
 Operator : SY/MD  
 Sample : J4314-13  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KX1

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          | 77           | rBV      | 8990571        | 10908787      | 100.00%         | 58.587%       |
| 2         | 1.318       | 125           | 133         | 144          | rVB      | 160597         | 177101        | 1.62%           | 0.951%        |
| 3         | 1.585       | 209           | 216         | 227          | rVB      | 144166         | 160114        | 1.47%           | 0.860%        |
| 4         | 2.132       | 377           | 386         | 399          | rVB      | 276405         | 393531        | 3.61%           | 2.114%        |
| 5         | 2.318       | 436           | 444         | 456          | rVB2     | 67531          | 113270        | 1.04%           | 0.608%        |
| 6         | 3.961       | 939           | 955         | 966          | rBV      | 148516         | 387357        | 3.55%           | 2.080%        |
| 7         | 4.408       | 1076          | 1094        | 1112         | rBV      | 179159         | 426991        | 3.91%           | 2.293%        |
| 8         | 5.099       | 1291          | 1309        | 1331         | rBV3     | 412385         | 961317        | 8.81%           | 5.163%        |
| 9         | 5.672       | 1469          | 1487        | 1512         | rBV      | 299902         | 613224        | 5.62%           | 3.293%        |
| 10        | 6.125       | 1613          | 1628        | 1648         | rBV      | 245178         | 491395        | 4.50%           | 2.639%        |
| 11        | 7.035       | 1900          | 1911        | 1933         | rBV      | 101401         | 189308        | 1.74%           | 1.017%        |
| 12        | 7.366       | 1998          | 2014        | 2029         | rBV      | 390038         | 681111        | 6.24%           | 3.658%        |
| 13        | 7.672       | 2097          | 2109        | 2122         | rBV2     | 61994          | 111508        | 1.02%           | 0.599%        |
| 14        | 8.144       | 2240          | 2256        | 2295         | rBV      | 391365         | 870817        | 7.98%           | 4.677%        |
| 15        | 8.903       | 2479          | 2492        | 2521         | rBV      | 422040         | 720515        | 6.60%           | 3.870%        |
| 16        | 10.270      | 2905          | 2917        | 2934         | rBV      | 182053         | 290297        | 2.66%           | 1.559%        |
| 17        | 11.302      | 3226          | 3238        | 3268         | rBV      | 321430         | 567936        | 5.21%           | 3.050%        |
| 18        | 11.678      | 3343          | 3355        | 3382         | rBV      | 318843         | 555133        | 5.09%           | 2.981%        |

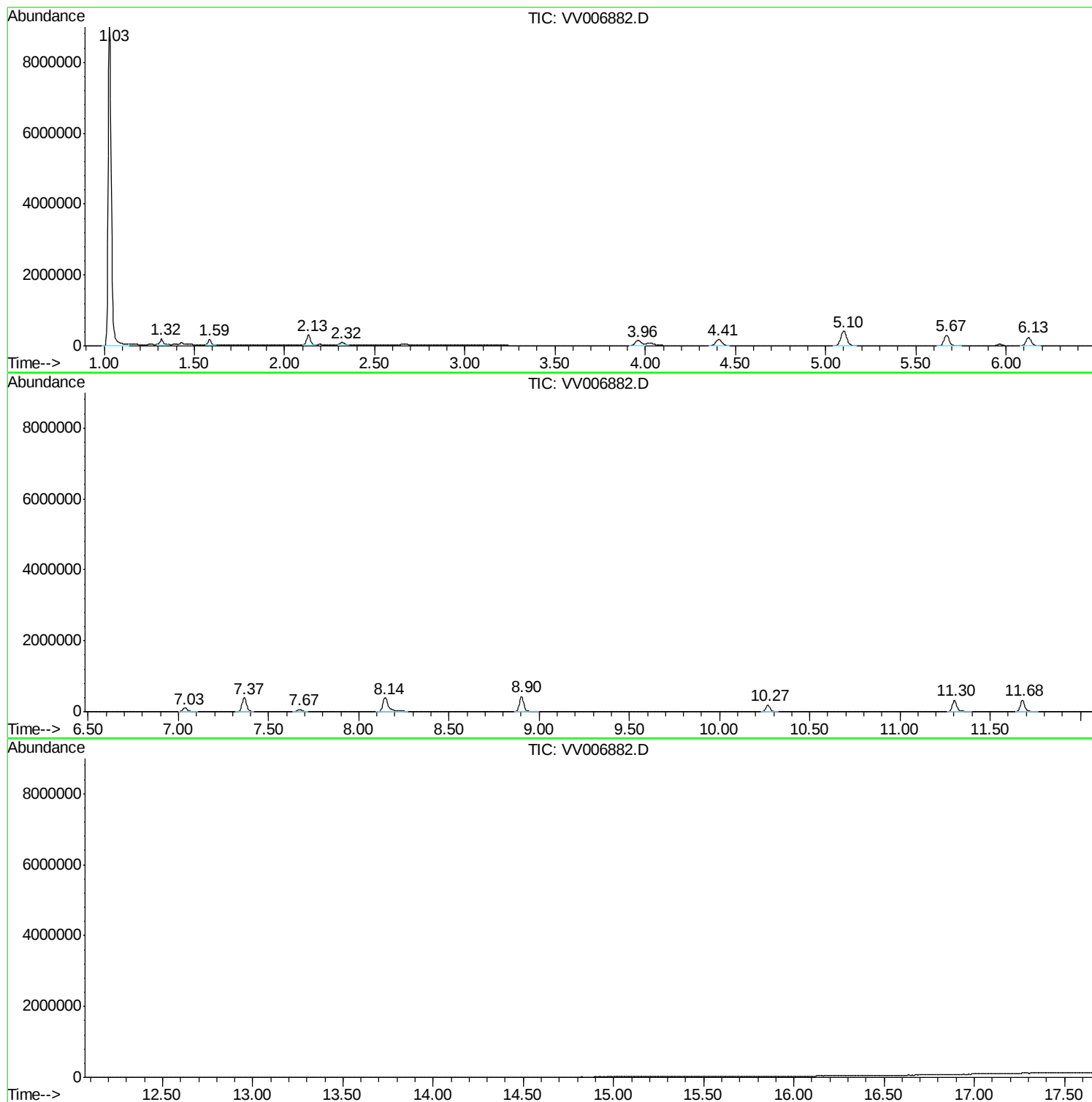
Sum of corrected areas: 18619712

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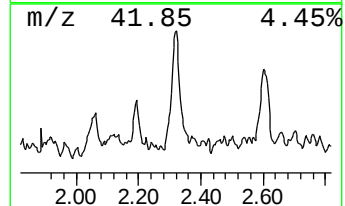
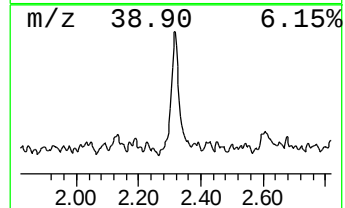
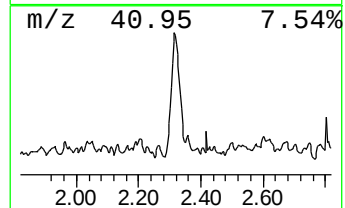
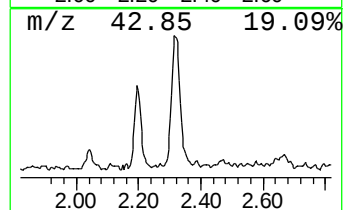
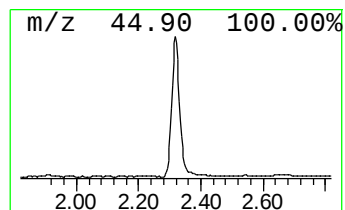
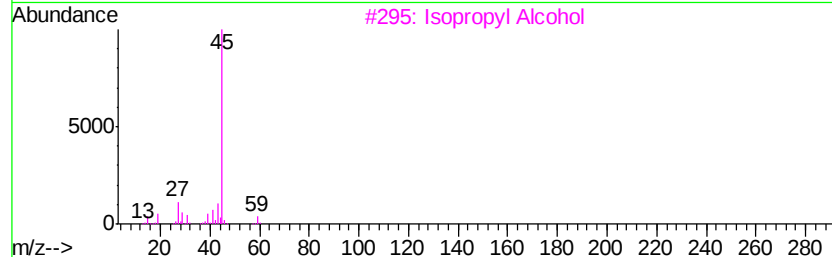
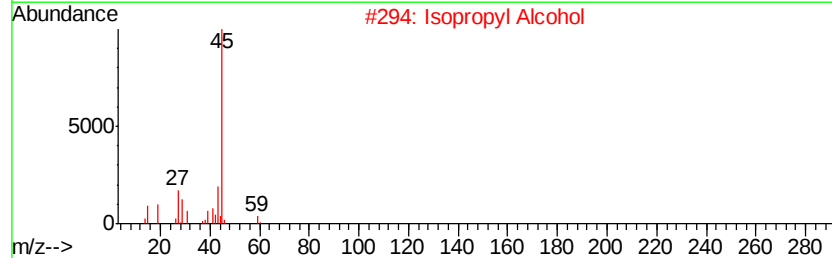
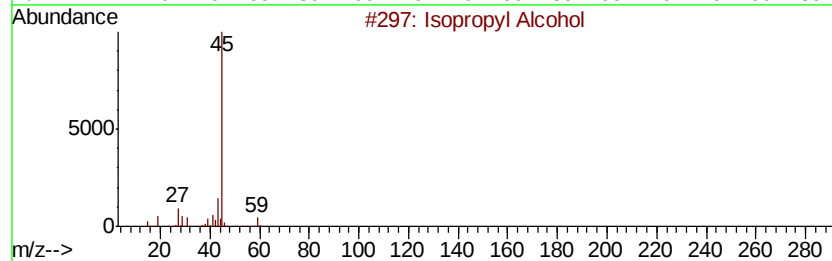
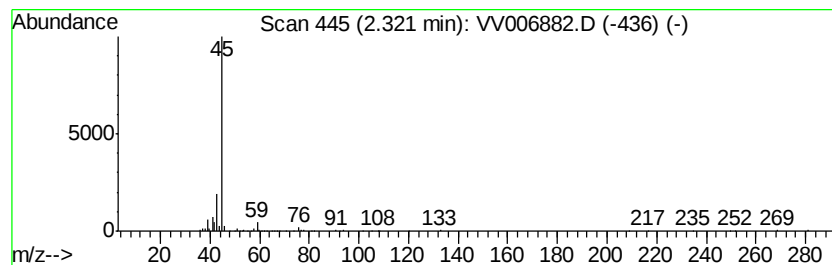
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.32 | 0.92 ug/L | 113270 | 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 | 72   |
| 4    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 40   |
| 5    |    | Hydrazine, ethyl-  | 60 | C2H8N2  | 000624-80-6 | 39   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.32 | 0.9     | ug/L  | 113270   | 1                     | 5.67 | 613224 | 5.0  |