

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV050318\  
 Data File : VV005757.D  
 Acq On : 03 May 2018 12:40  
 Operator : SY/MD  
 Sample : J2594-11  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR043018WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

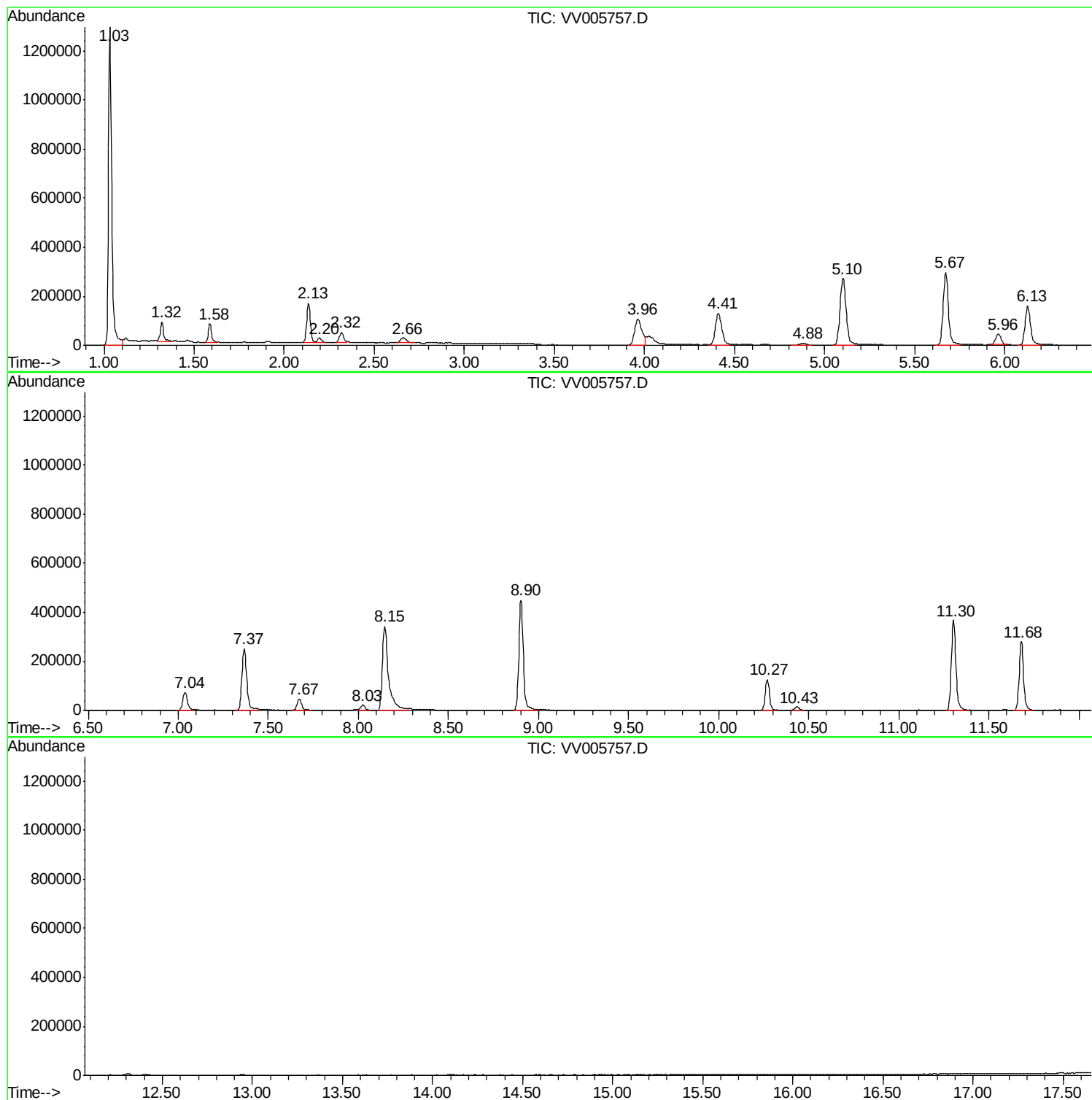
| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.032       | 33            | 44          | 65           | rBV      | 1297700        | 1594234       | 100.00%         | 19.604%       |
| 2         | 1.321       | 126           | 134         | 151          | rVB      | 79080          | 100563        | 6.31%           | 1.237%        |
| 3         | 1.585       | 209           | 216         | 229          | rVB      | 75530          | 92199         | 5.78%           | 1.134%        |
| 4         | 2.135       | 378           | 387         | 399          | rBV      | 160377         | 228339        | 14.32%          | 2.808%        |
| 5         | 2.196       | 399           | 406         | 415          | rVB      | 18043          | 27470         | 1.72%           | 0.338%        |
| 6         | 2.318       | 435           | 444         | 454          | rBV      | 42457          | 71039         | 4.46%           | 0.874%        |
| 7         | 2.659       | 540           | 550         | 568          | rBV2     | 19866          | 46105         | 2.89%           | 0.567%        |
| 8         | 3.964       | 940           | 956         | 969          | rBV2     | 105521         | 301612        | 18.92%          | 3.709%        |
| 9         | 4.411       | 1078          | 1095        | 1115         | rBV2     | 128005         | 317117        | 19.89%          | 3.900%        |
| 10        | 4.884       | 1220          | 1242        | 1255         | rBV3     | 7717           | 19076         | 1.20%           | 0.235%        |
| 11        | 5.102       | 1292          | 1310        | 1331         | rBV2     | 273180         | 644415        | 40.42%          | 7.924%        |
| 12        | 5.671       | 1468          | 1487        | 1513         | rBV      | 296731         | 616818        | 38.69%          | 7.585%        |
| 13        | 5.964       | 1563          | 1578        | 1592         | rBV5     | 45618          | 95262         | 5.98%           | 1.171%        |
| 14        | 6.128       | 1611          | 1629        | 1652         | rBV      | 160315         | 339294        | 21.28%          | 4.172%        |
| 15        | 7.038       | 1898          | 1912        | 1926         | rBV      | 72364          | 132290        | 8.30%           | 1.627%        |
| 16        | 7.366       | 2000          | 2014        | 2039         | rBV      | 251419         | 476576        | 29.89%          | 5.860%        |
| 17        | 7.671       | 2097          | 2109        | 2129         | rBV      | 45818          | 81268         | 5.10%           | 0.999%        |
| 18        | 8.025       | 2210          | 2219        | 2231         | rVB3     | 20781          | 36523         | 2.29%           | 0.449%        |
| 19        | 8.147       | 2244          | 2257        | 2296         | rBV2     | 342094         | 806648        | 50.60%          | 9.919%        |
| 20        | 8.903       | 2479          | 2492        | 2522         | rBV      | 448540         | 769652        | 48.28%          | 9.464%        |
| 21        | 10.269      | 2906          | 2917        | 2932         | rBV      | 125027         | 200975        | 12.61%          | 2.471%        |
| 22        | 10.433      | 2959          | 2968        | 2978         | rVB3     | 13644          | 20410         | 1.28%           | 0.251%        |
| 23        | 11.305      | 3226          | 3239        | 3264         | rBV      | 367904         | 641446        | 40.24%          | 7.888%        |
| 24        | 11.681      | 3342          | 3356        | 3375         | rBV      | 279428         | 472749        | 29.65%          | 5.813%        |

Sum of corrected areas: 8132080

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Quant Method : W:\HPCHEM1\MSVOA V\METHOD\SOMVTR043018WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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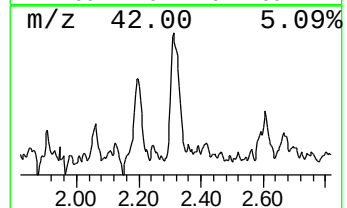
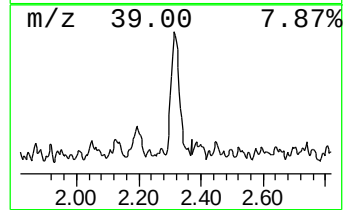
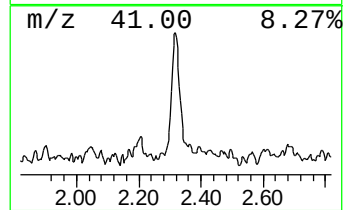
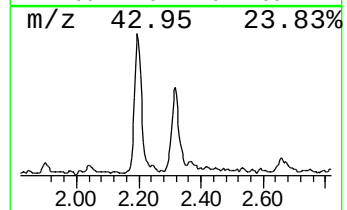
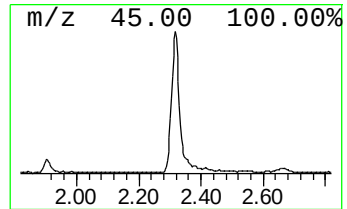
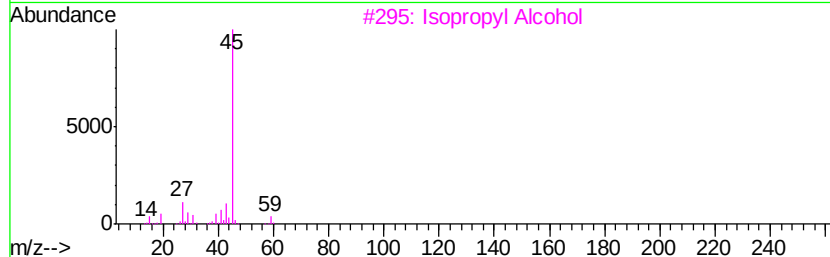
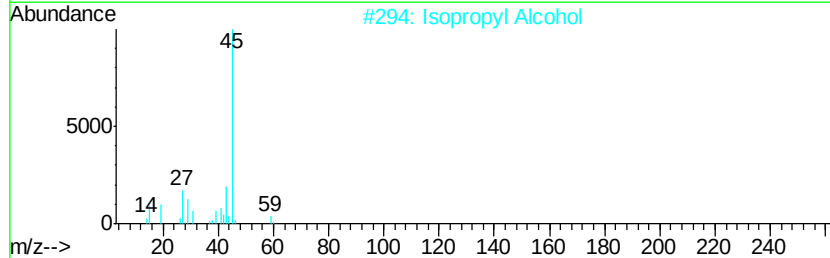
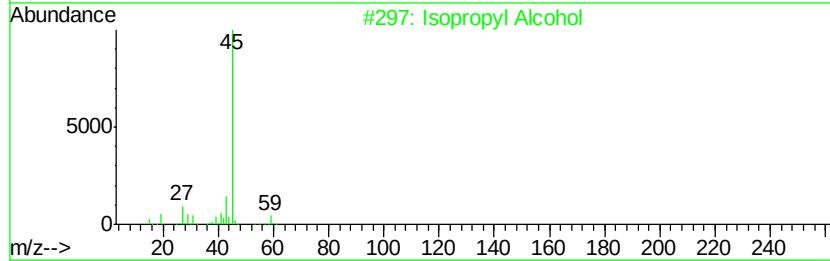
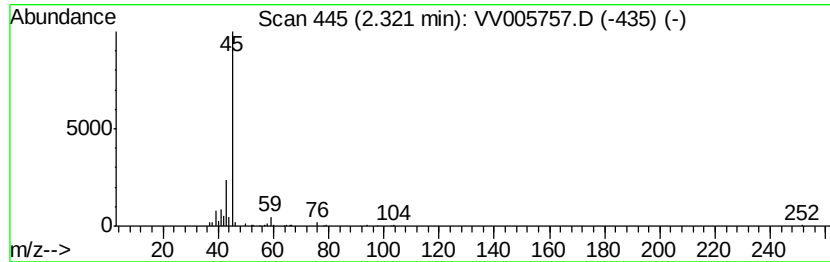
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.32 | 0.58 ug/L | 71039 | 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    |    | Hydrazine, ethyl-                | 60 | C2H8N2  | 000624-80-6 | 40   |
| 5    |    | Formic acid, 1-methylethyl ester | 88 | C4H8O2  | 000625-55-8 | 40   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.32 | 0.6     | ug/L  | 71039    | 1                     | 5.67 | 616818 | 5.0  |