

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\  
 Data File : VV008121.D  
 Acq On : 06 Oct 2018 01:54  
 Operator : SY/MD  
 Sample : J5278-14  
 Misc : 25.0 mL/MSVOA V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BEYF1

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          | 81           | rVB      | 46310          | 51003         | 13.11%          | 1.602%        |
| 2         | 1.586       | 147           | 154         | 164          | rVB      | 41510          | 47216         | 12.13%          | 1.483%        |
| 3         | 2.135       | 315           | 325         | 337          | rBV      | 85559          | 120005        | 30.84%          | 3.770%        |
| 4         | 2.364       | 379           | 396         | 425          | rBV2     | 21072          | 78756         | 20.24%          | 2.474%        |
| 5         | 3.962       | 878           | 893         | 909          | rBV2     | 42055          | 116603        | 29.96%          | 3.663%        |
| 6         | 4.148       | 940           | 951         | 968          | rVB2     | 7718           | 18677         | 4.80%           | 0.587%        |
| 7         | 4.409       | 1014          | 1032        | 1050         | rBV      | 59367          | 141899        | 36.46%          | 4.458%        |
| 8         | 4.663       | 1101          | 1111        | 1125         | rBV6     | 2369           | 4856          | 1.25%           | 0.153%        |
| 9         | 5.100       | 1231          | 1247        | 1267         | rBV3     | 140639         | 324432        | 83.36%          | 10.192%       |
| 10        | 5.669       | 1409          | 1424        | 1451         | rBV      | 115530         | 222358        | 57.13%          | 6.985%        |
| 11        | 5.965       | 1502          | 1516        | 1539         | rBV      | 201610         | 389183        | 100.00%         | 12.226%       |
| 12        | 6.126       | 1552          | 1566        | 1583         | rBV      | 78130          | 153881        | 39.54%          | 4.834%        |
| 13        | 7.036       | 1836          | 1849        | 1869         | rBV3     | 34340          | 61579         | 15.82%          | 1.935%        |
| 14        | 7.364       | 1937          | 1951        | 1970         | rBV      | 156749         | 273504        | 70.28%          | 8.592%        |
| 15        | 7.669       | 2033          | 2046        | 2063         | rBV      | 20276          | 35650         | 9.16%           | 1.120%        |
| 16        | 8.142       | 2181          | 2193        | 2222         | rBV2     | 144201         | 296181        | 76.10%          | 9.305%        |
| 17        | 8.900       | 2417          | 2429        | 2458         | rBV      | 162693         | 272222        | 69.95%          | 8.552%        |
| 18        | 10.267      | 2843          | 2854        | 2867         | rBV      | 54405          | 85654         | 22.01%          | 2.691%        |
| 19        | 11.299      | 3164          | 3175        | 3202         | rVB      | 140886         | 244285        | 62.77%          | 7.674%        |
| 20        | 11.592      | 3255          | 3266        | 3278         | rBV5     | 2489           | 4994          | 1.28%           | 0.157%        |
| 21        | 11.675      | 3280          | 3292        | 3315         | rVV      | 144427         | 240208        | 61.72%          | 7.546%        |

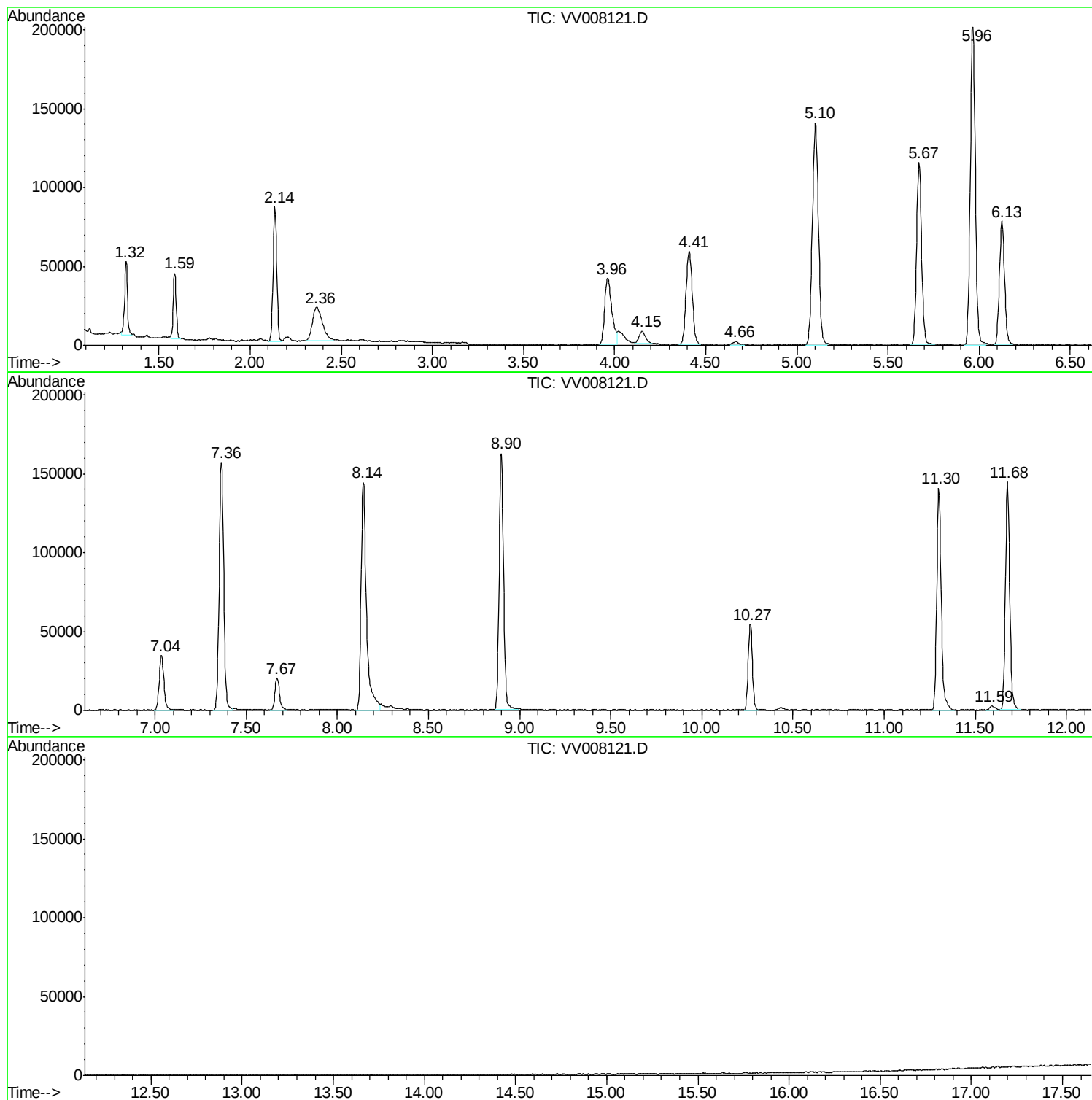
Sum of corrected areas: 3183146

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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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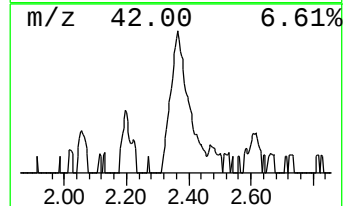
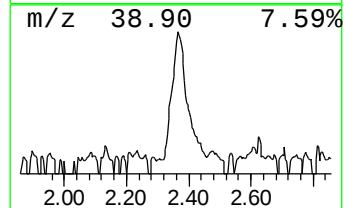
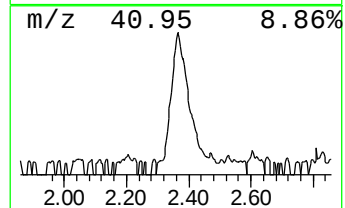
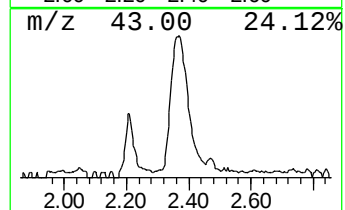
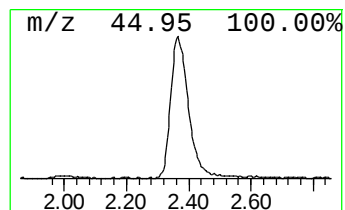
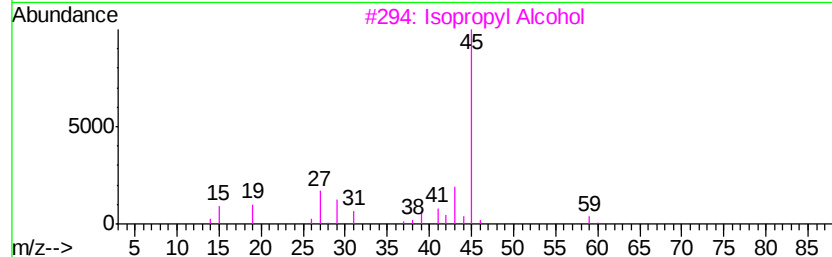
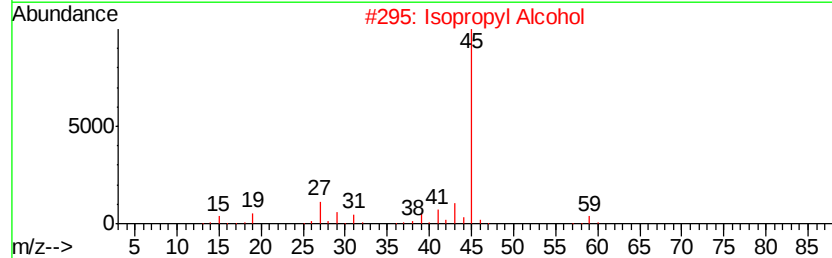
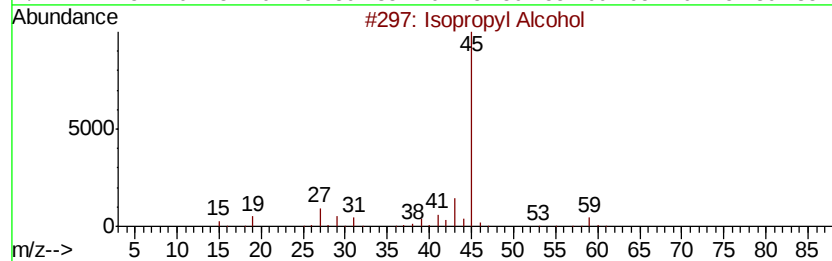
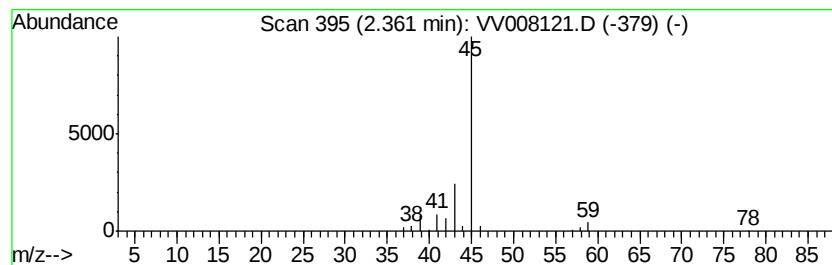
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Quant Title : TRACE VOA SOM01.0

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. |
|------|-----------|-------|---------------------|------|
| 2.36 | 1.77 ug/L | 78756 | 1,4-Difluorobenzene | 5.67 |

| 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 | 83   |
| 3    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 83   |
| 4    |    |   | Isopropyl Alcohol | 60 | C3H8O   | 000067-63-0 | 78   |
| 5    |    |   | Hydrazine, ethyl- | 60 | C2H8N2  | 000624-80-6 | 43   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|-------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                   |      |         |       |          | #                     | RT   | Resp   | Conc |
| Isopropyl Alcohol | 2.36 | 1.8     | ug/L  | 78756    | 1                     | 5.67 | 222358 | 5.0  |