

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\  
 Data File : VU038170.D  
 Acq On : 14 May 2020 15:32  
 Operator : JC/MD  
 Sample : L2631-07  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF8N1

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\SOMUTR050720WMA.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         | 1.613       | 76            | 85          | 96           | rBV      | 162822         | 181110        | 9.30%           | 1.440%        |
| 2         | 1.932       | 175           | 184         | 199          | rVB      | 156715         | 205996        | 10.58%          | 1.638%        |
| 3         | 2.594       | 377           | 390         | 403          | rBV      | 249966         | 411257        | 21.12%          | 3.271%        |
| 4         | 2.662       | 403           | 411         | 426          | rVB      | 11689          | 23934         | 1.23%           | 0.190%        |
| 5         | 2.829       | 443           | 463         | 497          | rBV      | 34002          | 148933        | 7.65%           | 1.184%        |
| 6         | 3.398       | 626           | 640         | 658          | rVB3     | 19213          | 44603         | 2.29%           | 0.355%        |
| 7         | 4.668       | 1018          | 1035        | 1078         | rBV      | 299714         | 793274        | 40.74%          | 6.309%        |
| 8         | 5.102       | 1150          | 1170        | 1191         | rBV      | 244107         | 540395        | 27.75%          | 4.298%        |
| 9         | 5.758       | 1352          | 1374        | 1409         | rBV2     | 507282         | 1338413       | 68.74%          | 10.644%       |
| 10        | 6.279       | 1517          | 1536        | 1563         | rBV      | 419467         | 801525        | 41.16%          | 6.374%        |
| 11        | 6.571       | 1613          | 1627        | 1652         | rBV2     | 269230         | 510269        | 26.21%          | 4.058%        |
| 12        | 6.719       | 1660          | 1673        | 1692         | rBV      | 333815         | 641297        | 32.94%          | 5.100%        |
| 13        | 7.591       | 1926          | 1944        | 1961         | rBV      | 164138         | 287212        | 14.75%          | 2.284%        |
| 14        | 7.922       | 2033          | 2047        | 2081         | rBV      | 605738         | 1085305       | 55.74%          | 8.631%        |
| 15        | 8.202       | 2121          | 2134        | 2153         | rBV      | 104340         | 174215        | 8.95%           | 1.385%        |
| 16        | 8.655       | 2260          | 2275        | 2305         | rBV      | 1069996        | 1947154       | 100.00%         | 15.485%       |
| 17        | 9.436       | 2504          | 2518        | 2550         | rBV      | 601541         | 1017905       | 52.28%          | 8.095%        |
| 18        | 10.771      | 2920          | 2933        | 2947         | rBV      | 262350         | 422250        | 21.69%          | 3.358%        |
| 19        | 11.822      | 3248          | 3260        | 3278         | rBV      | 616410         | 971577        | 49.90%          | 7.727%        |
| 20        | 12.082      | 3329          | 3341        | 3358         | rBV4     | 12571          | 28431         | 1.46%           | 0.226%        |
| 21        | 12.205      | 3366          | 3379        | 3398         | rVB      | 618813         | 999382        | 51.33%          | 7.948%        |

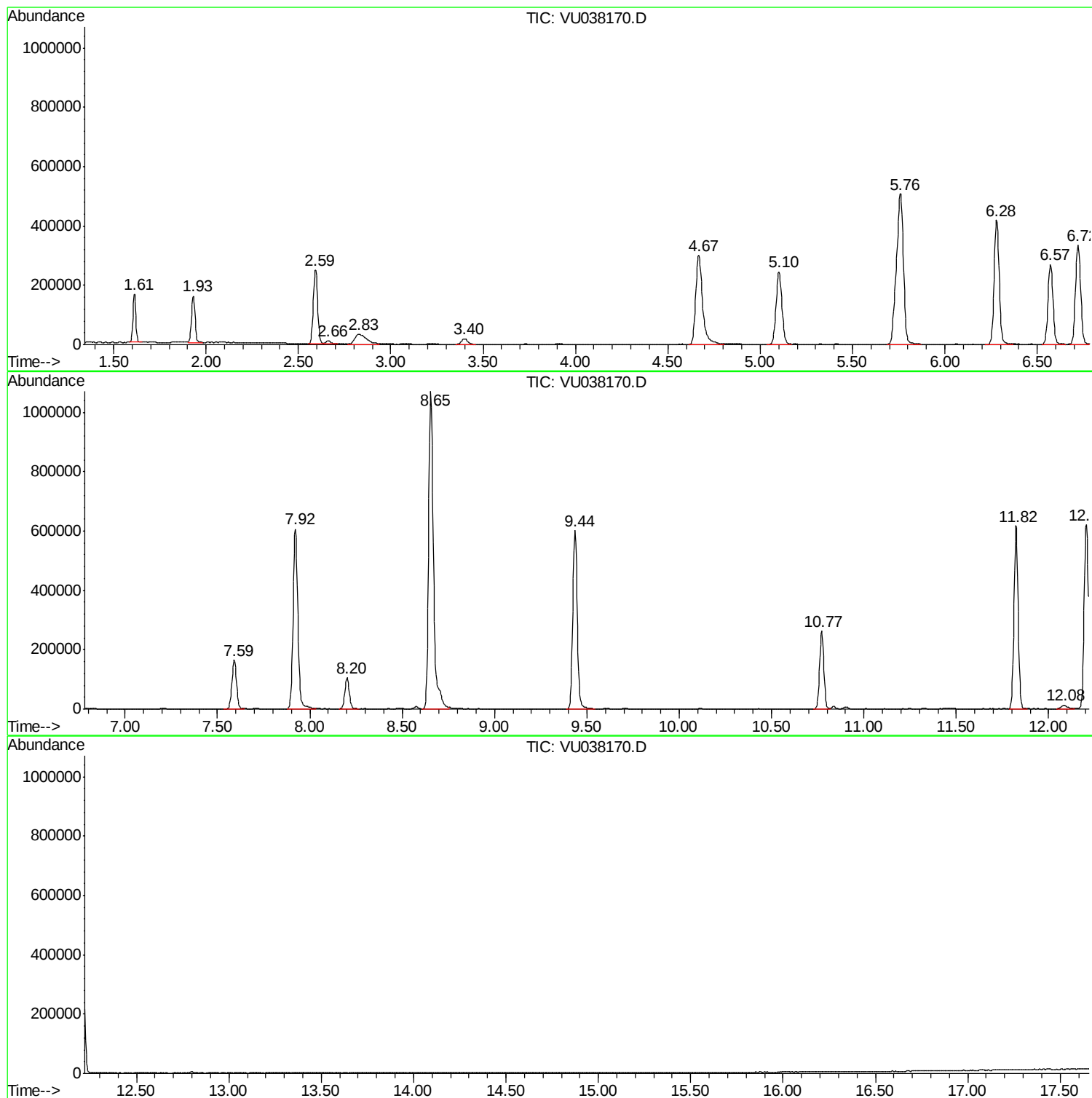
Sum of corrected areas: 12574437

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Instrument :  
MSVOA\_U  
ClientSampled :  
BF8N1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR050720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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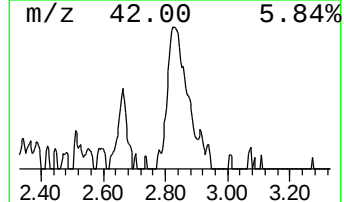
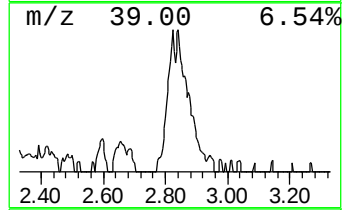
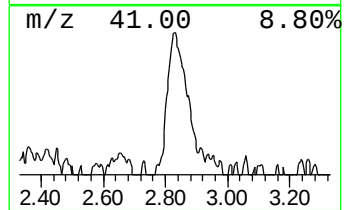
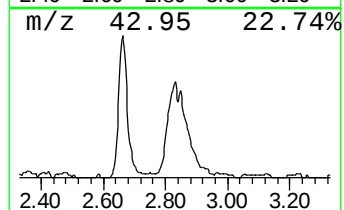
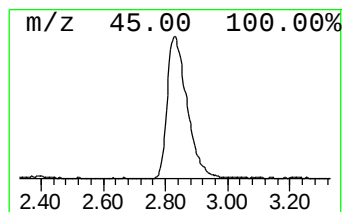
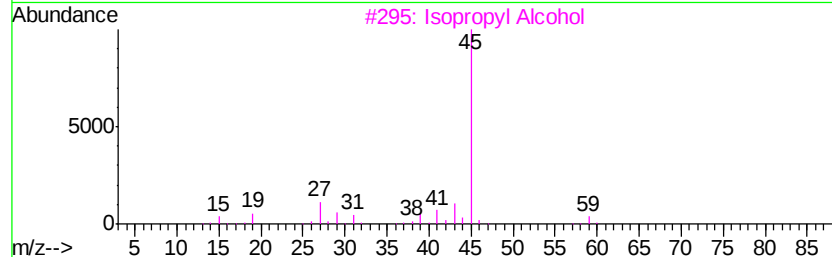
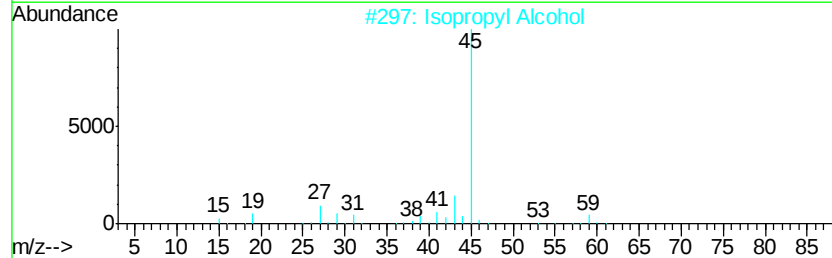
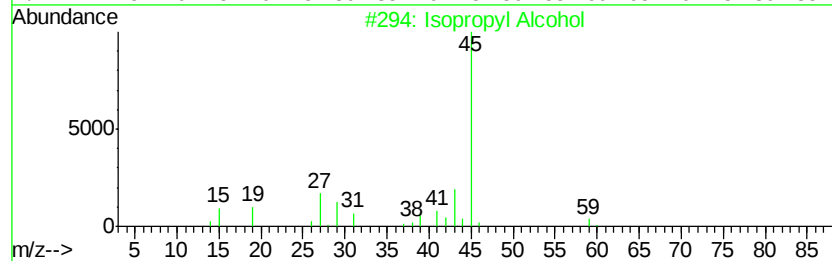
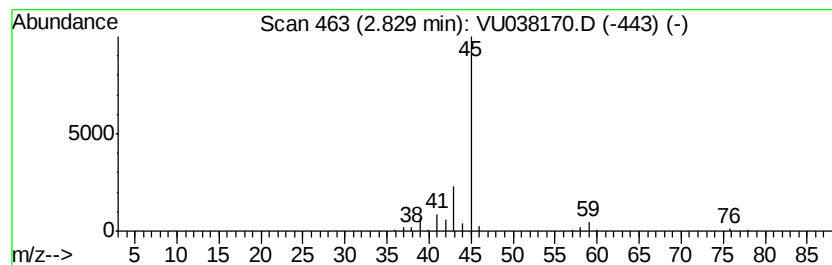
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 2.83 | 0.93 ug/L | 148933 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | 5 | Tentative ID                     | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 3    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 78   |
| 4    |    |   | Isopropyl Alcohol                | 60 | C3H8O   | 000067-63-0 | 72   |
| 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 | 2.83 | 0.9     | ug/L  | 148933   | 1                     | 6.28 | 801525 | 5.0  |