

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR022119\  
 Data File : VR026358.D  
 Acq On : 21 Feb 2019 13:18  
 Operator : SY/MD  
 Sample : K1531-02  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0TR7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

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\_R\METHODS\SOMRTR021919WMA.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         | 2.147       | 68            | 77          | 91           | rBV      | 99120          | 299455        | 16.70%          | 2.298%        |
| 2         | 2.628       | 145           | 156         | 166          | rBV      | 123621         | 321579        | 17.93%          | 2.468%        |
| 3         | 3.607       | 305           | 317         | 336          | rBV2     | 274077         | 954898        | 53.25%          | 7.328%        |
| 4         | 3.936       | 361           | 371         | 381          | rBV2     | 53124          | 170685        | 9.52%           | 1.310%        |
| 5         | 6.588       | 797           | 807         | 821          | rBV      | 91111          | 307794        | 17.16%          | 2.362%        |
| 6         | 7.203       | 898           | 908         | 919          | rBV2     | 327902         | 859797        | 47.95%          | 6.598%        |
| 7         | 7.854       | 1001          | 1015        | 1031         | rBV2     | 664204         | 1793295       | 100.00%         | 13.762%       |
| 8         | 8.462       | 1106          | 1115        | 1124         | rBV      | 742127         | 1342378       | 74.86%          | 10.301%       |
| 9         | 8.900       | 1179          | 1187        | 1195         | rBV      | 418320         | 816099        | 45.51%          | 6.263%        |
| 10        | 9.679       | 1308          | 1315        | 1324         | rBV2     | 145196         | 248050        | 13.83%          | 1.904%        |
| 11        | 9.813       | 1332          | 1337        | 1342         | rVB7     | 12317          | 26439         | 1.47%           | 0.203%        |
| 12        | 9.971       | 1355          | 1363        | 1369         | rBV      | 1027410        | 1577108       | 87.94%          | 12.103%       |
| 13        | 10.239      | 1399          | 1407        | 1413         | rBV      | 81525          | 143066        | 7.98%           | 1.098%        |
| 14        | 10.591      | 1456          | 1465        | 1475         | rBV      | 511497         | 809991        | 45.17%          | 6.216%        |
| 15        | 11.285      | 1573          | 1579        | 1593         | rBV      | 943244         | 1463240       | 81.60%          | 11.229%       |
| 16        | 12.307      | 1741          | 1747        | 1750         | rBV6     | 10339          | 17998         | 1.00%           | 0.138%        |
| 17        | 12.362      | 1750          | 1756        | 1763         | rVB      | 167609         | 247192        | 13.78%          | 1.897%        |
| 18        | 13.226      | 1891          | 1898        | 1907         | rBV      | 563736         | 804616        | 44.87%          | 6.175%        |
| 19        | 13.335      | 1912          | 1916        | 1926         | rVB2     | 18410          | 33026         | 1.84%           | 0.253%        |
| 20        | 13.512      | 1939          | 1945        | 1952         | rBV      | 544167         | 794330        | 44.29%          | 6.096%        |

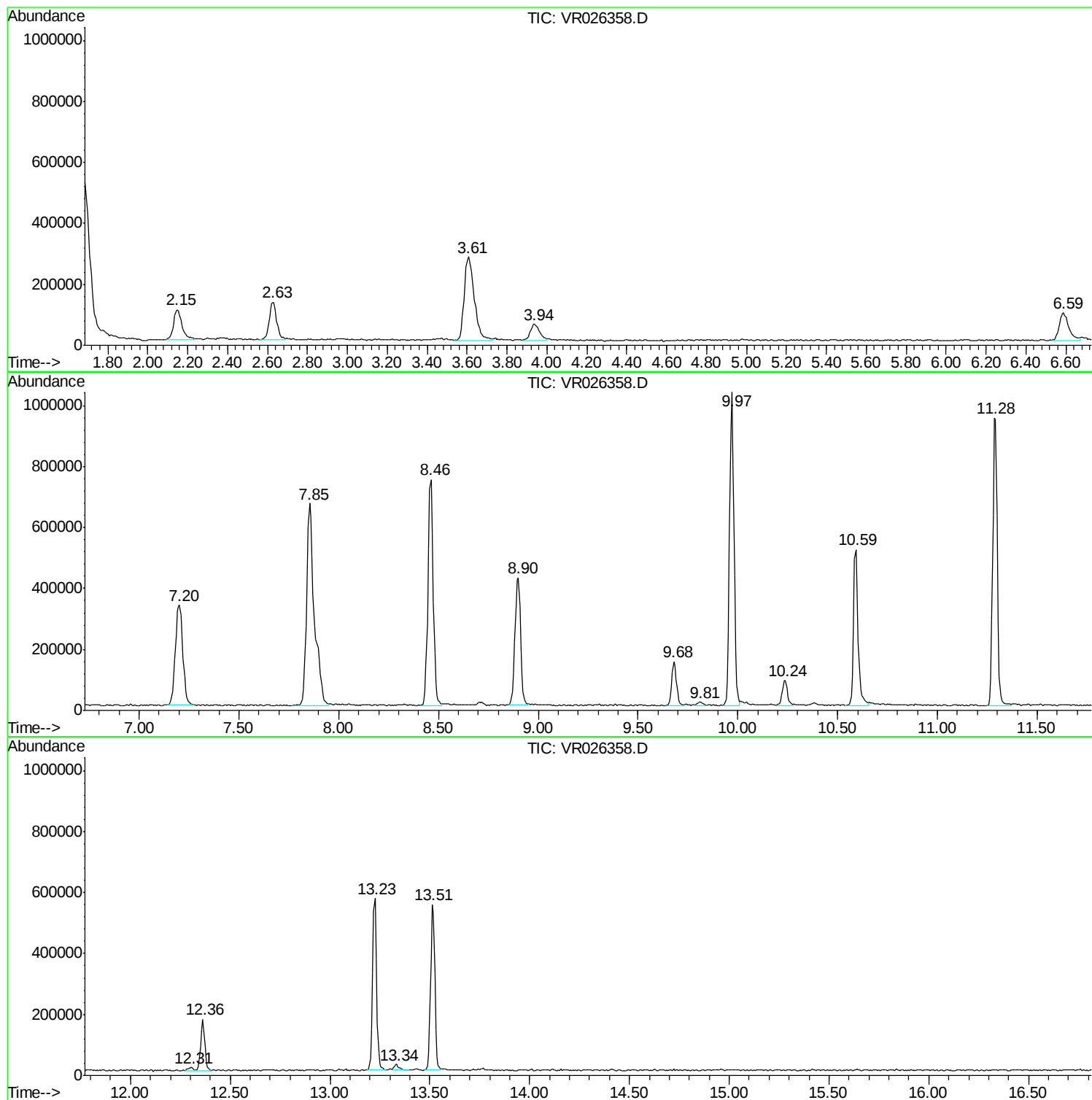
Sum of corrected areas: 13031036

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR021919WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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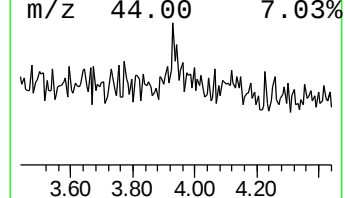
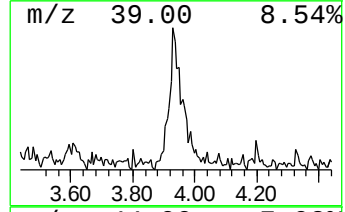
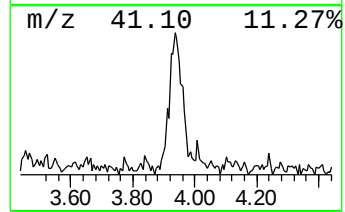
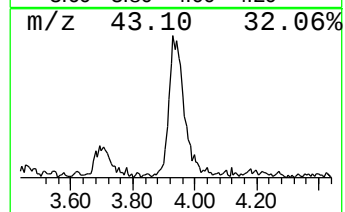
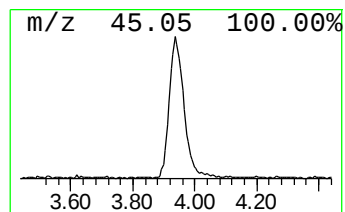
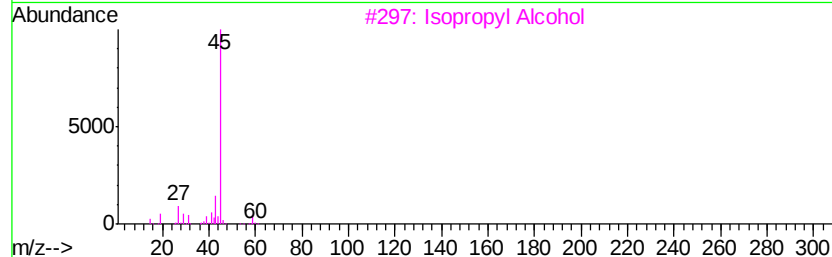
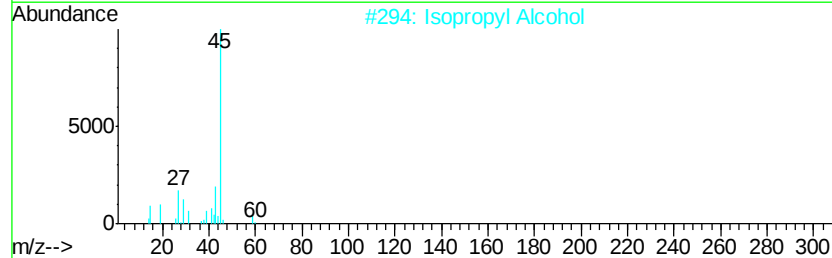
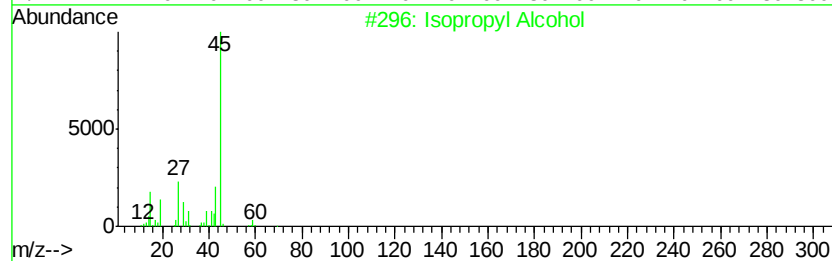
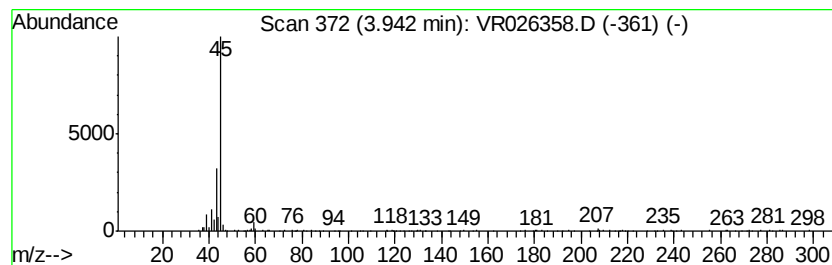
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 3.94 | 0.64 ug/L | 170685 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60  | C3H8O    | 000067-63-0 | 56   |
| 2    |    | Isopropyl Alcohol                | 60  | C3H8O    | 000067-63-0 | 50   |
| 3    |    | Isopropyl Alcohol                | 60  | C3H8O    | 000067-63-0 | 45   |
| 4    |    | Isopropyl Alcohol                | 60  | C3H8O    | 000067-63-0 | 45   |
| 5    |    | Methoxyacetic acid, heptyl ester | 188 | C10H20O3 | 168920-36-3 | 40   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|-------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                   |      |         |       |          | #                     | RT   | Resp    | Conc |
| Isopropyl Alcohol | 3.94 | 0.6     | ug/L  | 170685   | 1                     | 8.46 | 1342380 | 5.0  |