

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR121718\  
 Data File : VR026277.D  
 Acq On : 17 Dec 2018 23:04  
 Operator : SY/MD  
 Sample : J6419-19  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BF038

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\SOMRTR121718WMA.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         | 2.141       | 66            | 76          | 85           | rBV      | 124412         | 300622        | 17.04%          | 2.298%        |
| 2         | 2.622       | 144           | 155         | 170          | rBV      | 141692         | 359658        | 20.38%          | 2.750%        |
| 3         | 3.607       | 307           | 317         | 329          | rBV2     | 345181         | 951890        | 53.95%          | 7.278%        |
| 4         | 3.942       | 360           | 372         | 389          | rBV      | 126131         | 404305        | 22.91%          | 3.091%        |
| 5         | 6.588       | 797           | 807         | 815          | rBV2     | 80603          | 256219        | 14.52%          | 1.959%        |
| 6         | 7.203       | 899           | 908         | 919          | rBV      | 323985         | 824459        | 46.72%          | 6.304%        |
| 7         | 7.860       | 1007          | 1016        | 1032         | rBV2     | 641125         | 1764527       | 100.00%         | 13.491%       |
| 8         | 8.462       | 1107          | 1115        | 1123         | rBV      | 745456         | 1321891       | 74.91%          | 10.107%       |
| 9         | 8.900       | 1180          | 1187        | 1194         | rBV      | 402316         | 789052        | 44.72%          | 6.033%        |
| 10        | 9.685       | 1309          | 1316        | 1322         | rBV2     | 129920         | 230748        | 13.08%          | 1.764%        |
| 11        | 9.971       | 1354          | 1363        | 1370         | rBV      | 1062232        | 1607822       | 91.12%          | 12.293%       |
| 12        | 10.032      | 1370          | 1373        | 1381         | rVB      | 38972          | 71081         | 4.03%           | 0.543%        |
| 13        | 10.239      | 1401          | 1407        | 1413         | rBV2     | 75628          | 126057        | 7.14%           | 0.964%        |
| 14        | 10.391      | 1426          | 1432        | 1436         | rVB2     | 22090          | 42871         | 2.43%           | 0.328%        |
| 15        | 10.591      | 1459          | 1465        | 1482         | rBV      | 364390         | 569979        | 32.30%          | 4.358%        |
| 16        | 11.291      | 1571          | 1580        | 1592         | rBV      | 926169         | 1406470       | 79.71%          | 10.753%       |
| 17        | 11.388      | 1592          | 1596        | 1604         | rVB8     | 10863          | 22105         | 1.25%           | 0.169%        |
| 18        | 12.307      | 1739          | 1747        | 1751         | rBV2     | 33499          | 60412         | 3.42%           | 0.462%        |
| 19        | 12.362      | 1751          | 1756        | 1761         | rVV      | 142544         | 211098        | 11.96%          | 1.614%        |
| 20        | 13.226      | 1891          | 1898        | 1907         | rBV      | 620243         | 884562        | 50.13%          | 6.763%        |
| 21        | 13.329      | 1911          | 1915        | 1921         | rVV4     | 17171          | 26329         | 1.49%           | 0.201%        |
| 22        | 13.518      | 1939          | 1946        | 1956         | rBV      | 514579         | 770009        | 43.64%          | 5.887%        |
| 23        | 13.767      | 1981          | 1987        | 1991         | rBV2     | 20231          | 34611         | 1.96%           | 0.265%        |
| 24        | 14.205      | 2054          | 2059        | 2065         | rBV3     | 28019          | 42502         | 2.41%           | 0.325%        |

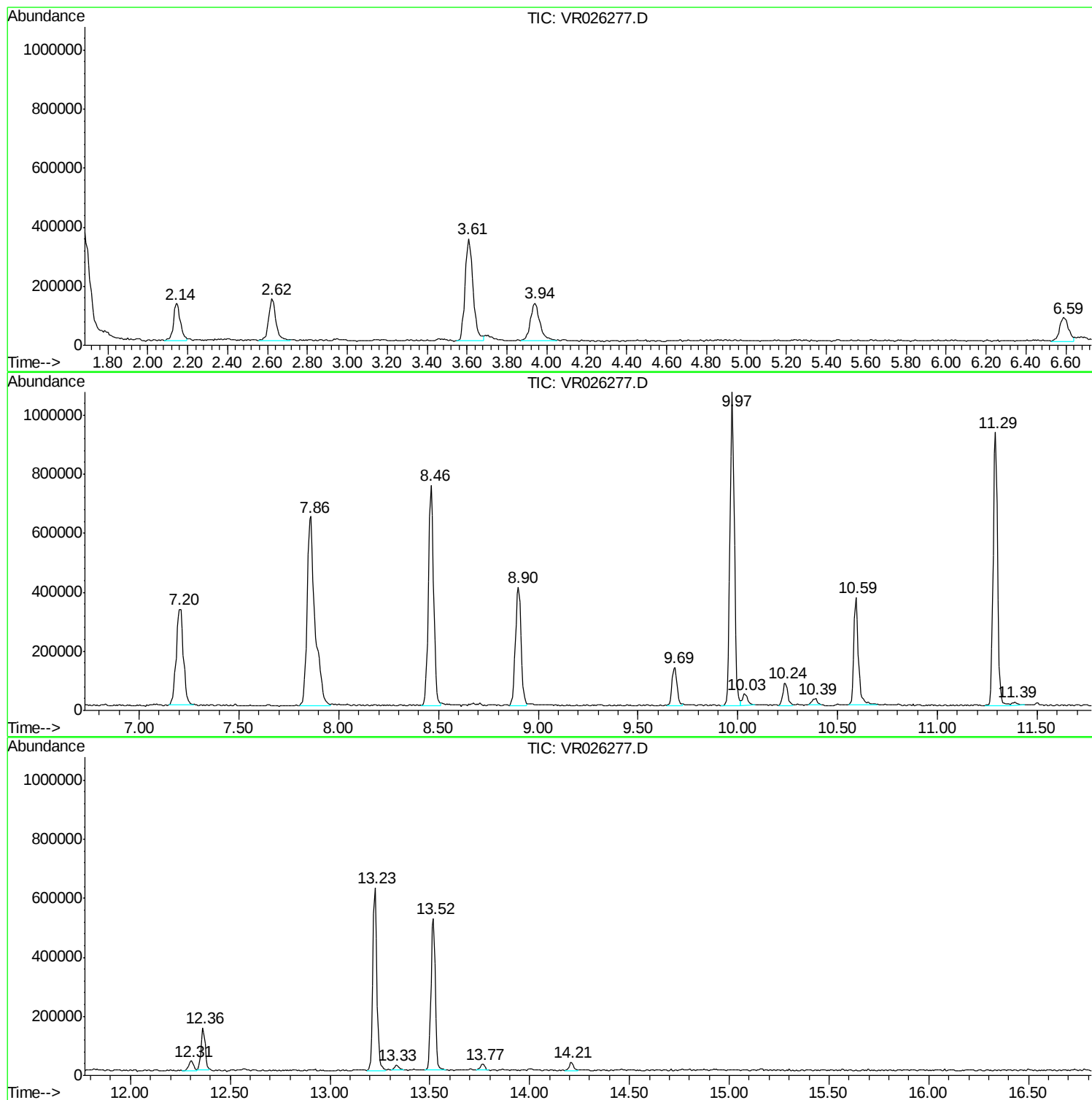
Sum of corrected areas: 13079279

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR121718WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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ClientSampled :  
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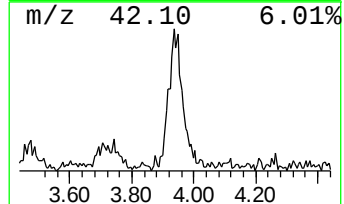
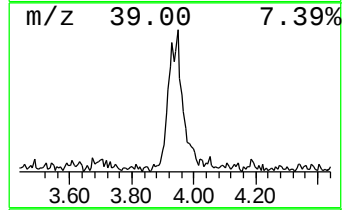
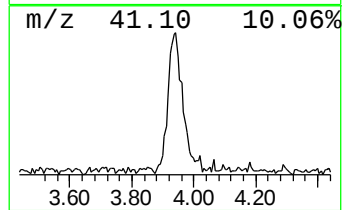
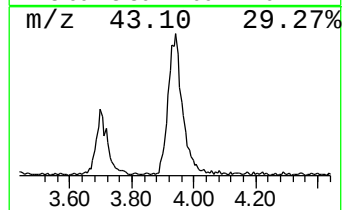
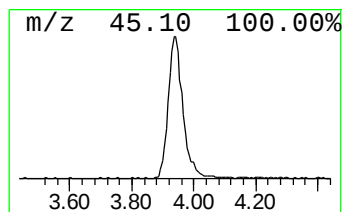
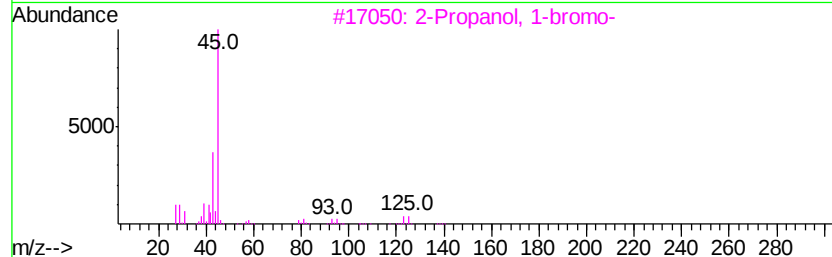
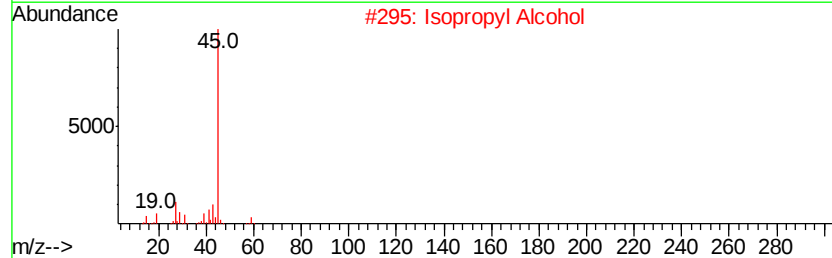
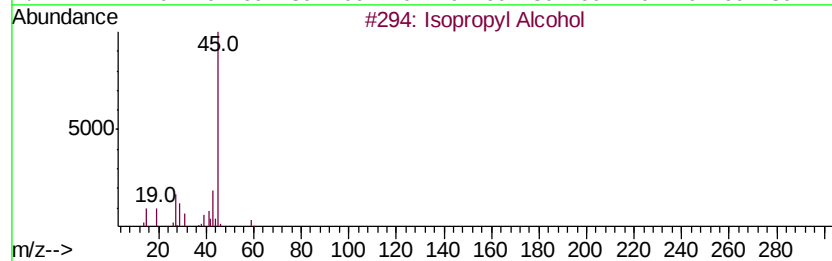
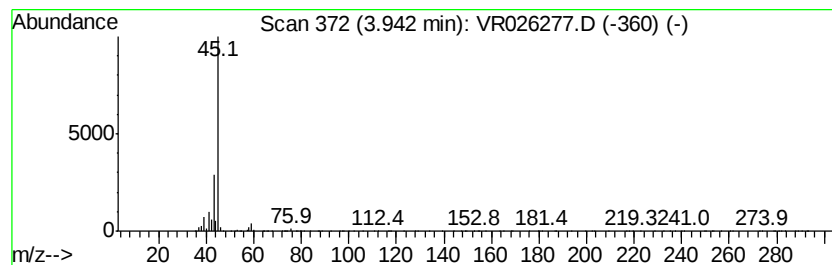
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Quant Title : TRACE VOA SOM01.0

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. |
|------|-----------|--------|---------------------|------|
| 3.94 | 1.53 ug/L | 404305 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------------|-----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol                | 60  | C3H8O   | 000067-63-0 | 72   |
| 2    |    | Isopropyl Alcohol                | 60  | C3H8O   | 000067-63-0 | 56   |
| 3    |    | 2-Propanol, 1-bromo-             | 138 | C3H7BrO | 019686-73-8 | 40   |
| 4    |    | Formic acid, 1-methylethyl ester | 88  | C4H8O2  | 000625-55-8 | 40   |
| 5    |    | Formic acid, 1-methylethyl ester | 88  | C4H8O2  | 000625-55-8 | 9    |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|-------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                   |      |         |       |          | #                     | RT   | Resp    | Conc |
| Isopropyl Alcohol | 3.94 | 1.5     | ug/L  | 404305   | 1                     | 8.46 | 1321890 | 5.0  |