

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR122118\  
 Data File : VR026291.D  
 Acq On : 21 Dec 2018 20:39  
 Operator : SY/MD  
 Sample : J6535-10  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0TR5

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         | 2.147       | 65            | 77          | 90           | rBV      | 91037          | 276979        | 16.06%          | 2.278%        |
| 2         | 2.628       | 147           | 156         | 167          | rBV      | 112054         | 299032        | 17.34%          | 2.459%        |
| 3         | 3.607       | 308           | 317         | 332          | rBV2     | 237218         | 869704        | 50.43%          | 7.152%        |
| 4         | 3.942       | 363           | 372         | 384          | rBV2     | 48410          | 165786        | 9.61%           | 1.363%        |
| 5         | 6.588       | 796           | 807         | 818          | rBV2     | 86657          | 276168        | 16.01%          | 2.271%        |
| 6         | 7.203       | 898           | 908         | 919          | rBV      | 311011         | 802019        | 46.51%          | 6.595%        |
| 7         | 7.854       | 1006          | 1015        | 1033         | rBV2     | 609600         | 1724451       | 100.00%         | 14.181%       |
| 8         | 8.462       | 1106          | 1115        | 1124         | rBV      | 652213         | 1182682       | 68.58%          | 9.726%        |
| 9         | 8.900       | 1177          | 1187        | 1197         | rBV      | 400538         | 800346        | 46.41%          | 6.582%        |
| 10        | 9.302       | 1246          | 1253        | 1260         | rVB10    | 8059           | 22309         | 1.29%           | 0.183%        |
| 11        | 9.679       | 1309          | 1315        | 1323         | rBV      | 130881         | 233187        | 13.52%          | 1.918%        |
| 12        | 9.813       | 1333          | 1337        | 1342         | rVB2     | 14475          | 23895         | 1.39%           | 0.196%        |
| 13        | 9.971       | 1356          | 1363        | 1371         | rBV      | 997380         | 1561031       | 90.52%          | 12.837%       |
| 14        | 10.032      | 1371          | 1373        | 1379         | rVB7     | 11016          | 18472         | 1.07%           | 0.152%        |
| 15        | 10.238      | 1400          | 1407        | 1415         | rBV      | 72527          | 125412        | 7.27%           | 1.031%        |
| 16        | 10.591      | 1459          | 1465        | 1478         | rBV      | 401942         | 640605        | 37.15%          | 5.268%        |
| 17        | 11.291      | 1571          | 1580        | 1590         | rBV      | 875683         | 1286098       | 74.58%          | 10.576%       |
| 18        | 12.301      | 1741          | 1746        | 1750         | rBV8     | 11341          | 18877         | 1.09%           | 0.155%        |
| 19        | 12.362      | 1750          | 1756        | 1763         | rBV      | 157271         | 235787        | 13.67%          | 1.939%        |
| 20        | 13.226      | 1891          | 1898        | 1906         | rBV      | 568125         | 796707        | 46.20%          | 6.552%        |
| 21        | 13.329      | 1910          | 1915        | 1919         | rVB6     | 11617          | 17643         | 1.02%           | 0.145%        |
| 22        | 13.518      | 1937          | 1946        | 1955         | rBV      | 525964         | 783148        | 45.41%          | 6.440%        |

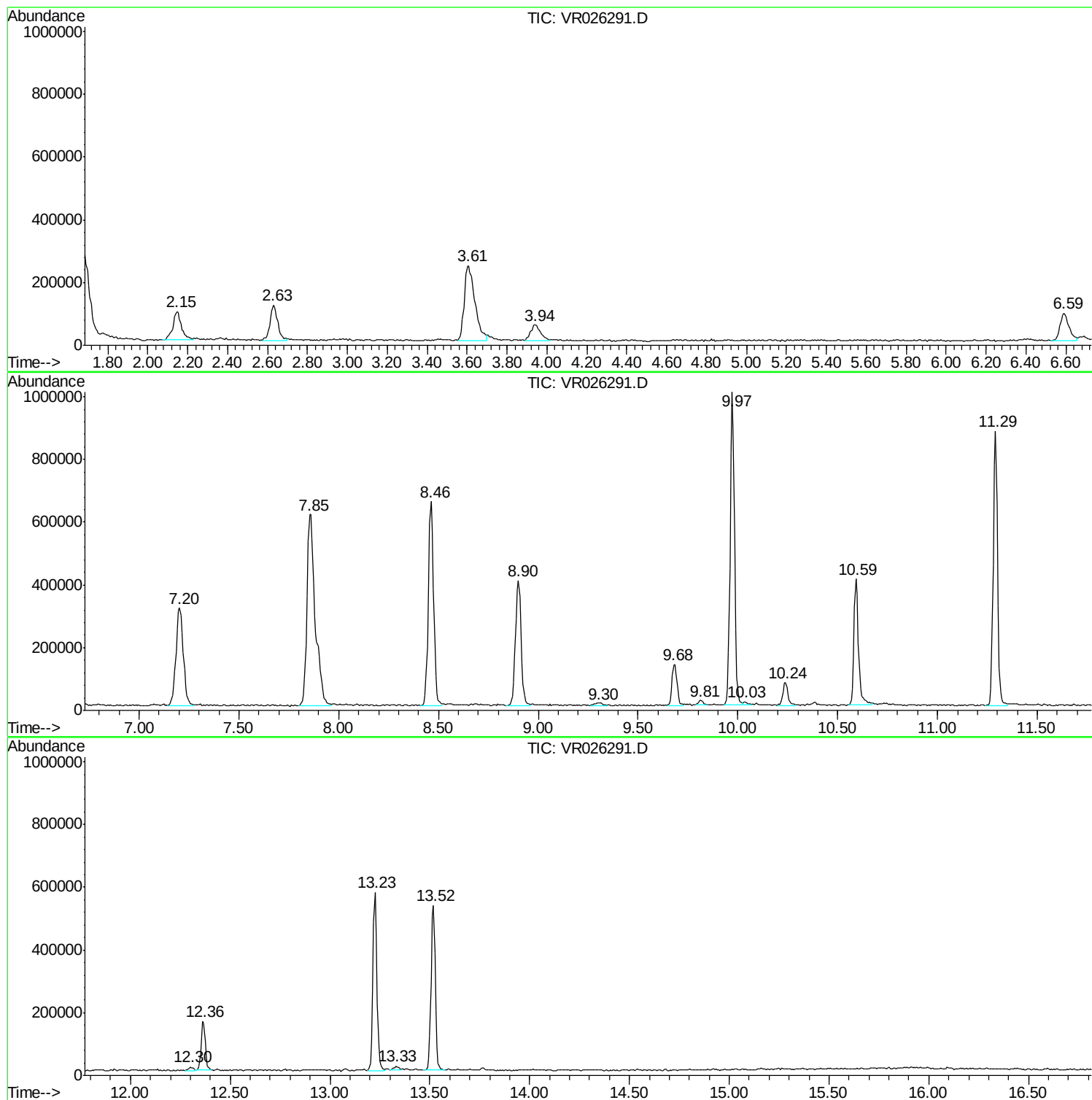
Sum of corrected areas: 12160338

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Instrument :  
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ClientSampleId :  
C0TR5

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_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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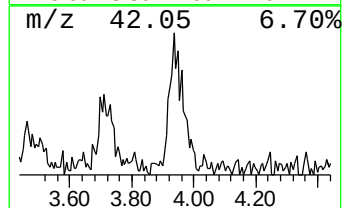
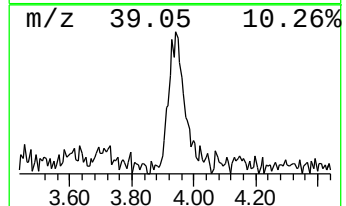
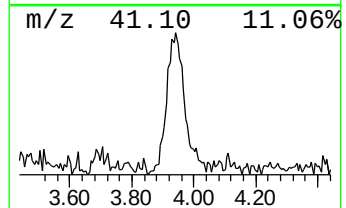
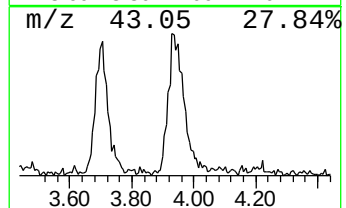
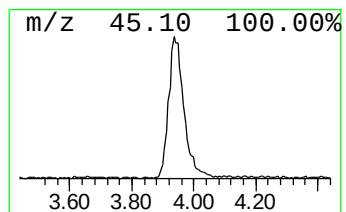
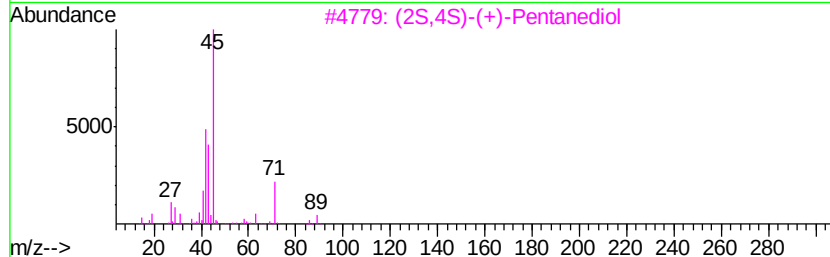
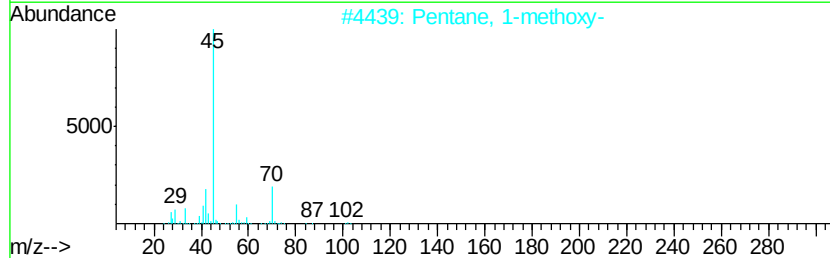
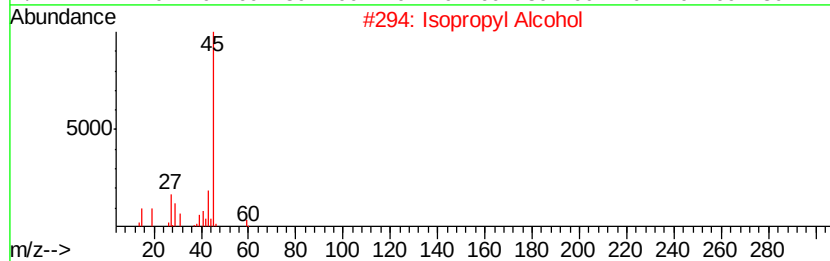
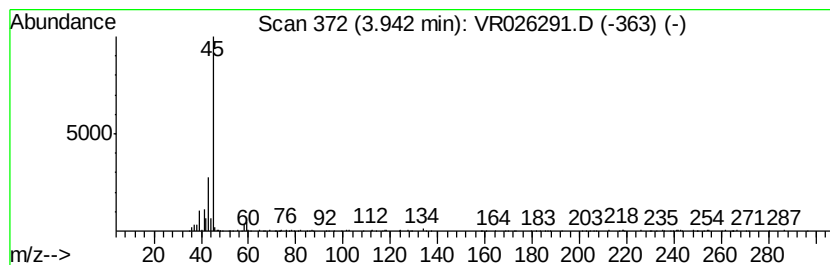
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Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Isopropyl Alcohol Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 3.94 | 0.70 ug/L | 165786 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------|-----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol       | 60  | C3H8O   | 000067-63-0 | 64   |
| 2    |    | Pentane, 1-methoxy-     | 102 | C6H14O  | 000628-80-8 | 40   |
| 3    |    | (2S,4S)-(+)-Pentanediol | 104 | C5H12O2 | 072345-23-4 | 40   |
| 4    |    | Propane, 2-ethoxy-      | 88  | C5H12O  | 000625-54-7 | 39   |
| 5    |    | Propane, 2-ethoxy-      | 88  | C5H12O  | 000625-54-7 | 39   |



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| TIC Top Hit name  | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|-------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                   |      |         |       |          | #                     | RT   | Resp    | Conc |
| Isopropyl Alcohol | 3.94 | 0.7     | ug/L  | 165786   | 1                     | 8.46 | 1182680 | 5.0  |