

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\  
 Data File : VV006786.D  
 Acq On : 31 Jul 2018 15:25  
 Operator : SY/MD  
 Sample : J4225-17  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ESWR3

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\SOMVTR072318WMA.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         | 1.029       | 28            | 43          | 66           | rBV      | 2565110        | 3099446       | 100.00%         | 37.298%       |
| 2         | 1.318       | 124           | 133         | 147          | rBV2     | 64114          | 83302         | 2.69%           | 1.002%        |
| 3         | 1.431       | 161           | 168         | 175          | rBV      | 76465          | 82499         | 2.66%           | 0.993%        |
| 4         | 1.582       | 208           | 215         | 229          | rVB      | 65412          | 81730         | 2.64%           | 0.984%        |
| 5         | 2.132       | 377           | 386         | 397          | rBV      | 128333         | 176999        | 5.71%           | 2.130%        |
| 6         | 2.315       | 433           | 443         | 464          | rBV      | 44584          | 88528         | 2.86%           | 1.065%        |
| 7         | 3.951       | 934           | 952         | 966          | rBV      | 103724         | 276538        | 8.92%           | 3.328%        |
| 8         | 4.408       | 1073          | 1094        | 1114         | rBV      | 104494         | 246617        | 7.96%           | 2.968%        |
| 9         | 5.099       | 1291          | 1309        | 1336         | rBV2     | 243998         | 567091        | 18.30%          | 6.824%        |
| 10        | 5.668       | 1473          | 1486        | 1509         | rBV      | 237761         | 456826        | 14.74%          | 5.497%        |
| 11        | 6.125       | 1613          | 1628        | 1647         | rBV      | 143233         | 285995        | 9.23%           | 3.442%        |
| 12        | 7.035       | 1899          | 1911        | 1930         | rBV      | 63702          | 111097        | 3.58%           | 1.337%        |
| 13        | 7.363       | 1999          | 2013        | 2028         | rBV      | 253660         | 433310        | 13.98%          | 5.214%        |
| 14        | 7.668       | 2098          | 2108        | 2121         | rBV      | 39237          | 63339         | 2.04%           | 0.762%        |
| 15        | 8.141       | 2242          | 2255        | 2277         | rBV      | 394916         | 656187        | 21.17%          | 7.896%        |
| 16        | 8.900       | 2475          | 2491        | 2514         | rBV      | 332441         | 540786        | 17.45%          | 6.508%        |
| 17        | 10.266      | 2905          | 2916        | 2933         | rVB      | 115243         | 178822        | 5.77%           | 2.152%        |
| 18        | 11.302      | 3225          | 3238        | 3257         | rBV      | 298454         | 461501        | 14.89%          | 5.554%        |
| 19        | 11.581      | 3316          | 3325        | 3339         | rBV2     | 17865          | 32199         | 1.04%           | 0.387%        |
| 20        | 11.678      | 3343          | 3355        | 3377         | rVB      | 248987         | 387044        | 12.49%          | 4.658%        |

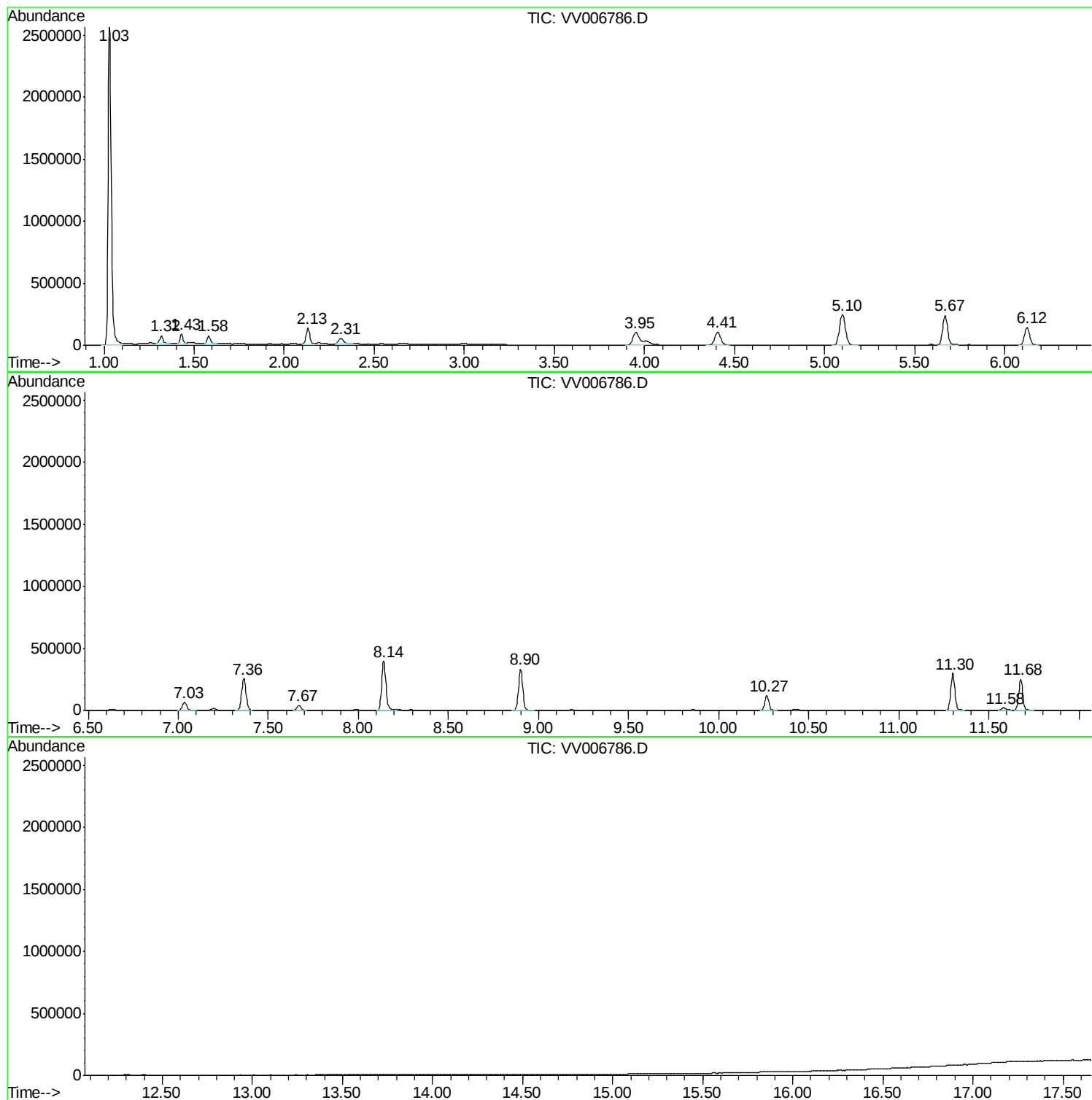
Sum of corrected areas: 8309856

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072318WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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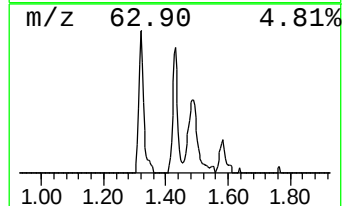
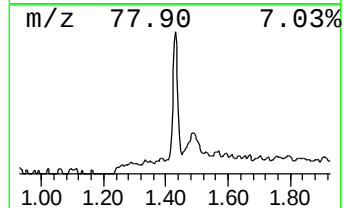
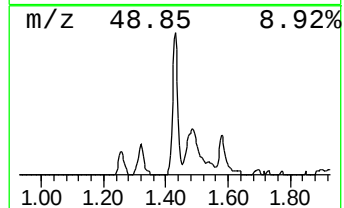
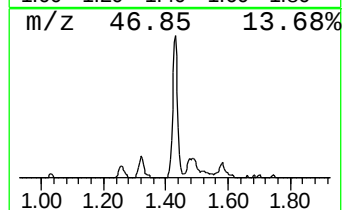
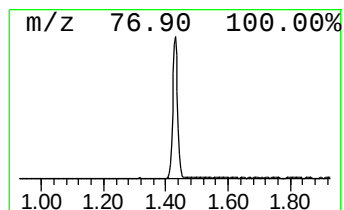
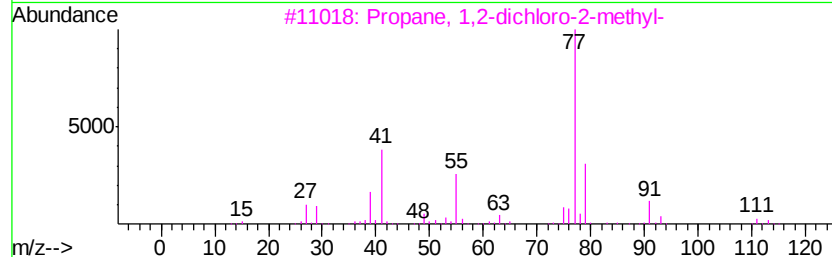
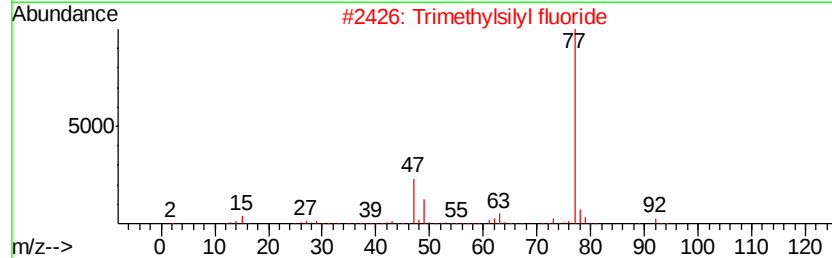
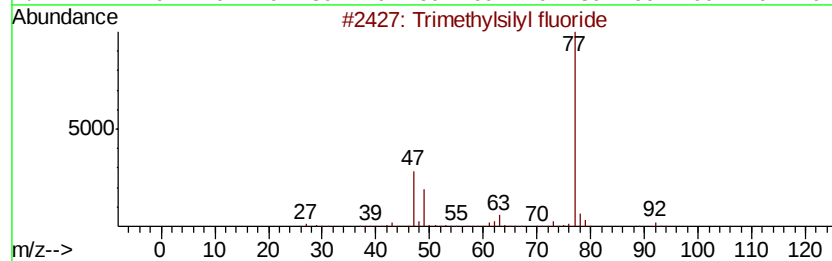
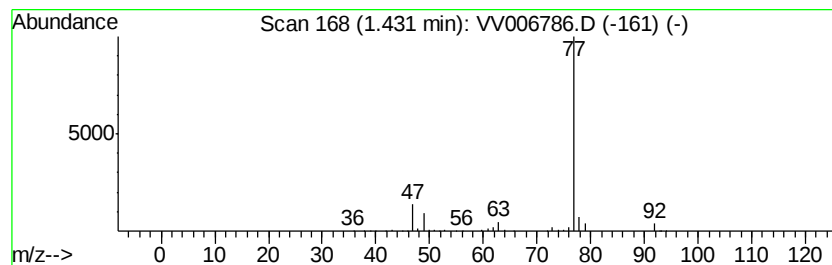
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR072318WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 2 Trimethylsilyl fluoride Concentration Rank 4

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 1.43 | 0.90 ug/L | 82499 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | Trimethylsilyl fluoride         | 92  | C3H9FSi  | 000420-56-4 | 91   |
| 2    |    |   | Trimethylsilyl fluoride         | 92  | C3H9FSi  | 000420-56-4 | 83   |
| 3    |    |   | Propane, 1,2-dichloro-2-methyl- | 126 | C4H8Cl2  | 000594-37-6 | 38   |
| 4    |    |   | Silanediol, dimethyl-           | 92  | C2H8O2Si | 001066-42-8 | 4    |
| 5    |    |   | Trimethylphosphine oxide        | 92  | C3H9OP   | 000676-96-0 | 4    |



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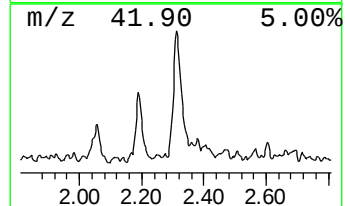
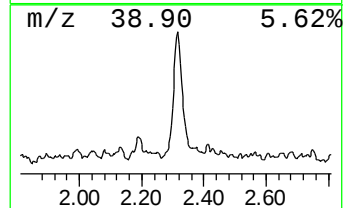
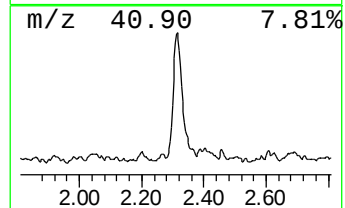
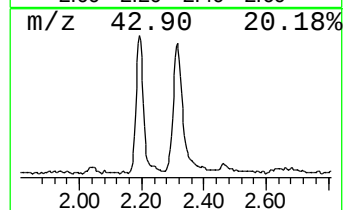
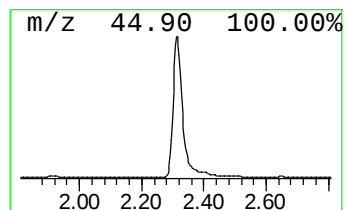
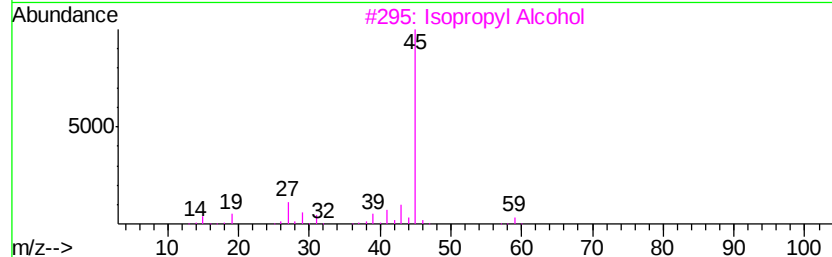
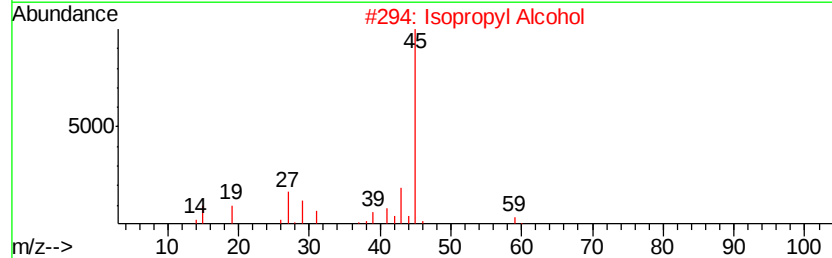
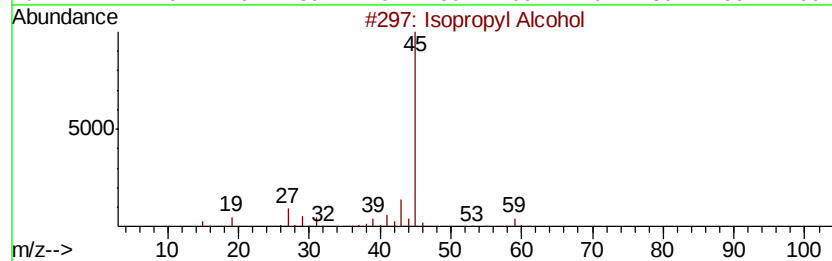
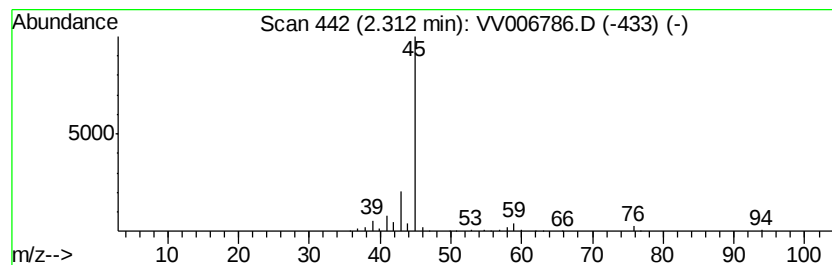
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Isopropyl Alcohol Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD    | R.T. |
|------|-----------|-------|---------------------|------|
| 2.31 | 0.97 ug/L | 88528 | 1,4-Difluorobenzene | 5.67 |

| Hit# | of | Tentative ID       | MW | MolForm | CAS#        | Qual |
|------|----|--------------------|----|---------|-------------|------|
| 1    | 5  | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 86   |
| 2    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 72   |
| 3    |    | Isopropyl Alcohol  | 60 | C3H8O   | 000067-63-0 | 72   |
| 4    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |
| 5    |    | Propane, 2-ethoxy- | 88 | C5H12O  | 000625-54-7 | 56   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Trimethylsilyl fl... | 1.43 | 0.9     | ug/L  | 82499    | 1                     | 5.67 | 456826 | 5.0  |
| Isopropyl Alcohol    | 2.31 | 1.0     | ug/L  | 88528    | 1                     | 5.67 | 456826 | 5.0  |