

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\  
 Data File : VW006012.D  
 Acq On : 11 Oct 2018 03:17  
 Operator : SY/AP  
 Sample : J5394-04  
 Misc : 10.01G/5ML/MSVOA W/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 FK-GF-02-027-B

## 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\_W\METHOD\82W100818S.M  
 Title : SW846 8260

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         | 1.959       | 8             | 9           | 16           | rVB      | 1641           | 1606          | 2.88%           | 0.479%        |
| 2         | 2.233       | 46            | 54          | 55           | rBV4     | 2523           | 5168          | 9.27%           | 1.541%        |
| 3         | 2.251       | 55            | 57          | 60           | rVV4     | 916            | 1093          | 1.96%           | 0.326%        |
| 4         | 2.355       | 72            | 74          | 75           | rBV2     | 744            | 703           | 1.26%           | 0.210%        |
| 5         | 2.434       | 84            | 87          | 89           | rBV3     | 978            | 1238          | 2.22%           | 0.369%        |
| 6         | 2.623       | 116           | 118         | 120          | rBV3     | 1349           | 1392          | 2.50%           | 0.415%        |
| 7         | 2.824       | 147           | 151         | 155          | rVB5     | 569            | 846           | 1.52%           | 0.252%        |
| 8         | 4.129       | 358           | 365         | 372          | rVB3     | 1009           | 2931          | 5.26%           | 0.874%        |
| 9         | 4.909       | 487           | 493         | 494          | rBV2     | 866            | 1457          | 2.61%           | 0.434%        |
| 10        | 4.934       | 494           | 497         | 501          | rVB6     | 889            | 1565          | 2.81%           | 0.467%        |
| 11        | 7.134       | 849           | 858         | 865          | rBV2     | 2959           | 8754          | 15.70%          | 2.610%        |
| 12        | 7.890       | 972           | 982         | 987          | rBV3     | 9130           | 22104         | 39.64%          | 6.590%        |
| 13        | 7.951       | 987           | 992         | 1001         | rVB      | 15787          | 32877         | 58.96%          | 9.801%        |
| 14        | 8.305       | 1042          | 1050        | 1060         | rBV2     | 8640           | 19522         | 35.01%          | 5.820%        |
| 15        | 8.744       | 1117          | 1122        | 1124         | rVB3     | 404            | 670           | 1.20%           | 0.200%        |
| 16        | 8.848       | 1130          | 1139        | 1146         | rVV2     | 21234          | 43042         | 77.19%          | 12.831%       |
| 17        | 9.104       | 1177          | 1181        | 1185         | rVB3     | 536            | 759           | 1.36%           | 0.226%        |
| 18        | 10.329      | 1375          | 1382        | 1389         | rBV      | 31456          | 55761         | 100.00%         | 16.623%       |
| 19        | 10.640      | 1428          | 1433        | 1437         | rVB3     | 457            | 715           | 1.28%           | 0.213%        |
| 20        | 11.634      | 1590          | 1596        | 1604         | rVB      | 27628          | 47402         | 85.01%          | 14.131%       |
| 21        | 12.152      | 1678          | 1681        | 1688         | rBV4     | 290            | 625           | 1.12%           | 0.186%        |
| 22        | 12.621      | 1751          | 1758        | 1765         | rBV      | 24953          | 38082         | 68.30%          | 11.353%       |
| 23        | 13.139      | 1841          | 1843        | 1846         | rBV3     | 414            | 623           | 1.12%           | 0.186%        |
| 24        | 13.560      | 1906          | 1912        | 1919         | rBV      | 23772          | 39050         | 70.03%          | 11.641%       |
| 25        | 14.023      | 1986          | 1988        | 1993         | rVB4     | 384            | 568           | 1.02%           | 0.169%        |
| 26        | 14.078      | 1993          | 1997        | 2000         | rBV3     | 775            | 1301          | 2.33%           | 0.388%        |
| 27        | 15.310      | 2194          | 2199        | 2201         | rBV4     | 586            | 898           | 1.61%           | 0.268%        |
| 28        | 15.352      | 2203          | 2206        | 2208         | rBV4     | 748            | 856           | 1.54%           | 0.255%        |
| 29        | 15.383      | 2208          | 2211        | 2213         | rVB3     | 664            | 597           | 1.07%           | 0.178%        |
| 30        | 15.426      | 2213          | 2218        | 2220         | rBV4     | 655            | 889           | 1.59%           | 0.265%        |
| 31        | 15.755      | 2267          | 2272        | 2274         | rBV3     | 533            | 624           | 1.12%           | 0.186%        |
| 32        | 15.993      | 2306          | 2311        | 2313         | rBV6     | 639            | 1102          | 1.98%           | 0.329%        |
| 33        | 16.742      | 2432          | 2434        | 2436         | rBV3     | 492            | 621           | 1.11%           | 0.185%        |

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Integration Parameters: RTEINT.P  
Integrator: RTE  
Smoothing : ON Filtering: 5  
Sampling : 1 Min Area: 3 % of largest Peak  
Start Thrs: 0.2 Max Peaks: 100  
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
Title : SW846 8260

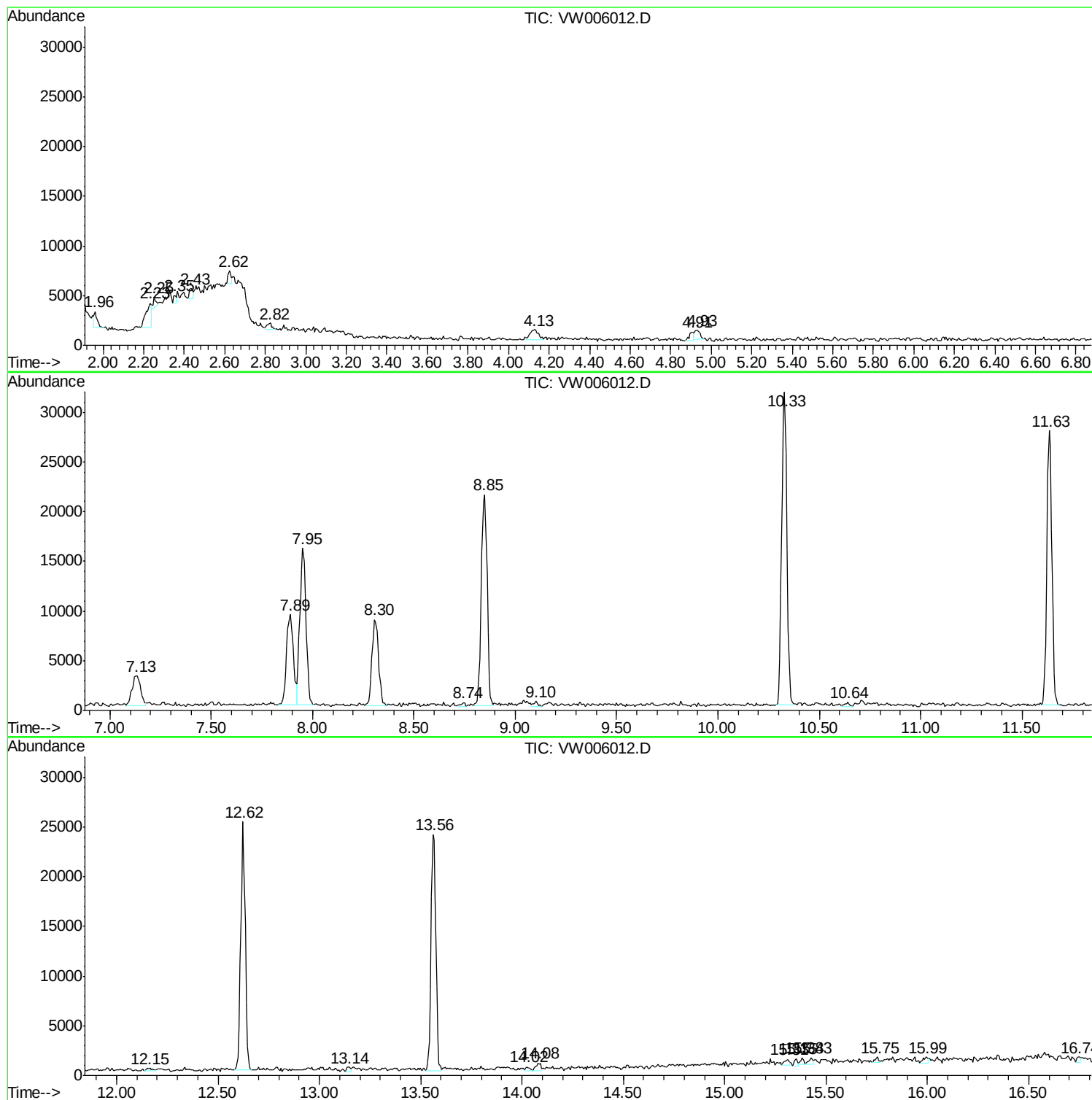
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W100818S.M  
Quant Title : SW846 8260

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



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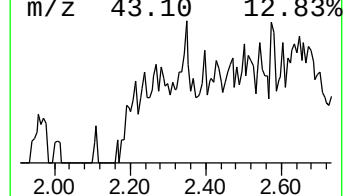
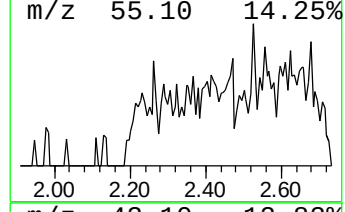
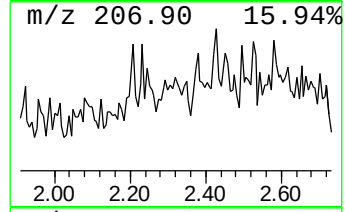
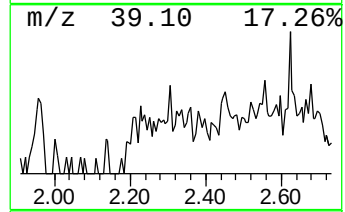
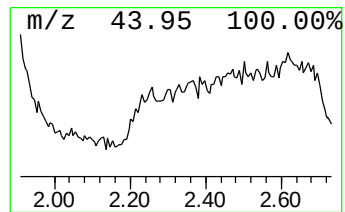
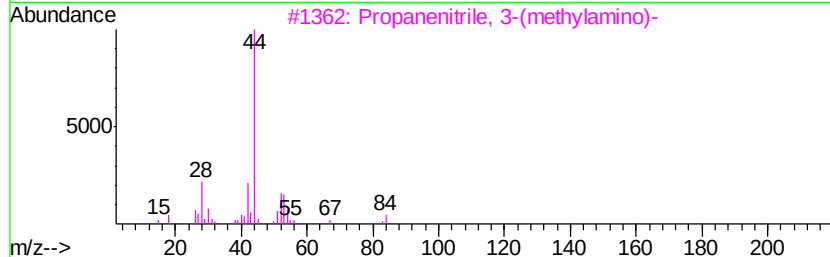
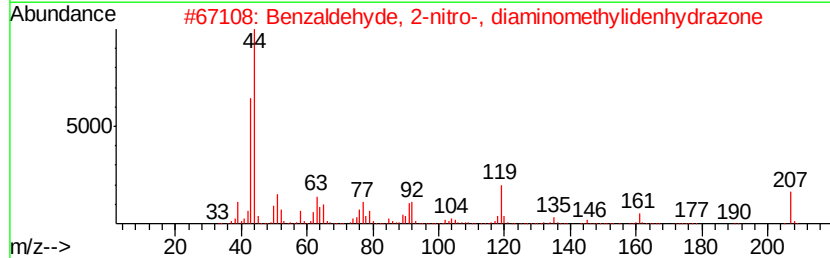
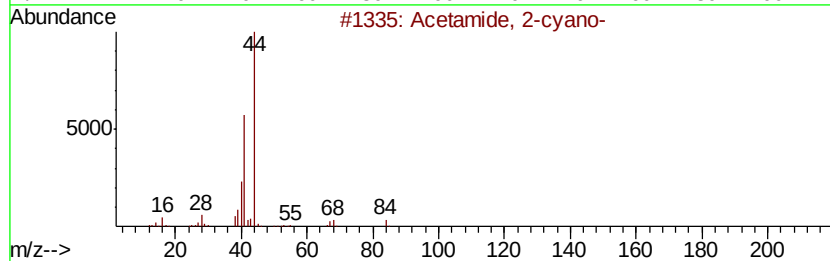
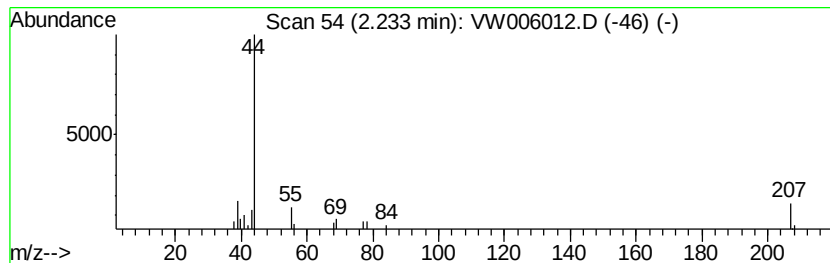
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.23 Concentration Rank 2

| R.T. | EstConc   | Area | Relative to ISTD   | R.T. |
|------|-----------|------|--------------------|------|
| 2.23 | 7.86 ug/l | 5168 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Acetamide, 2-cyano-                 | 84  | C3H4N2O  | 000107-91-5 | 33   |
| 2    |    | Benzaldehyde, 2-nitro-, diaminom... | 207 | C8H9N5O2 | 102632-31-5 | 4    |
| 3    |    | Propanenitrile, 3-(methvlamino)-    | 84  | C4H8N2   | 000693-05-0 | 4    |
| 4    |    | 1-Methyldodecylamine                | 199 | C13H29N  | 013205-57-7 | 4    |
| 5    |    | Ethyne, fluoro-                     | 44  | C2HF     | 002713-09-9 | 3    |



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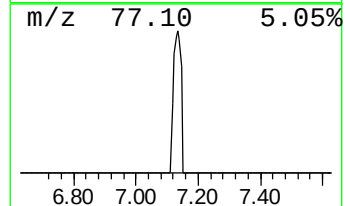
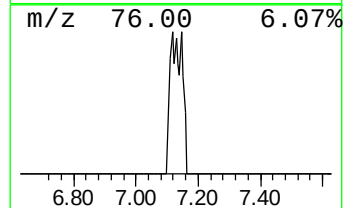
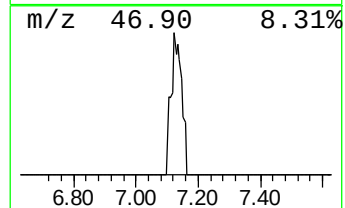
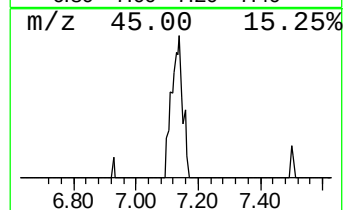
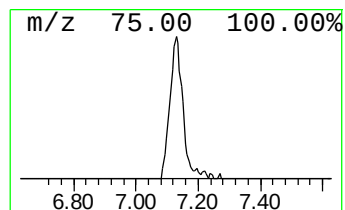
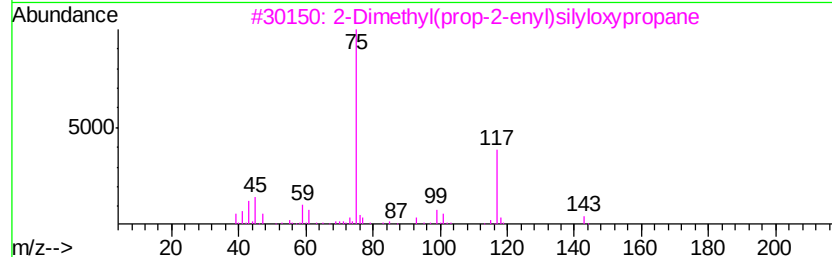
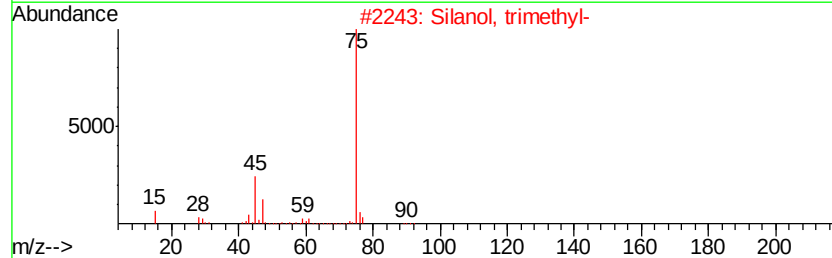
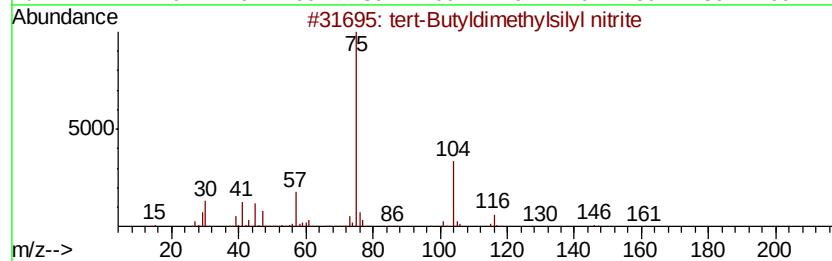
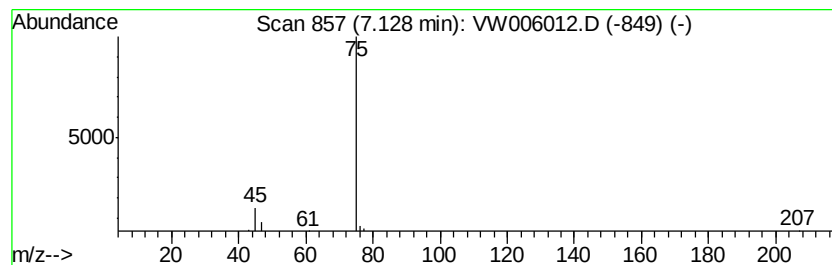
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Peak Number 2 tert-Butyldimethylsilyl nit... Concentration Rank 1

| R.T. | EstConc    | Area | Relative to ISTD   | R.T. |
|------|------------|------|--------------------|------|
| 7.13 | 13.31 ug/l | 8754 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                           | MW  | MolForm    | CAS#         | Qual |
|------|----|----------------------------------------|-----|------------|--------------|------|
| 1    | 5  | tert-Butyldimethylsilyl nitrite        | 161 | C6H15NO2Si | 1000366-61-8 | 74   |
| 2    |    | Silanol, trimethyl-                    | 90  | C3H10OSi   | 001066-40-6  | 74   |
| 3    |    | 2-Dimethyl(prop-2-enyl)silyloxypropane | 158 | C8H18OSi   | 098582-95-7  | 64   |
| 4    |    | Formamide, N-methylthio                | 75  | C2H5NS     | 018952-41-5  | 64   |
| 5    |    | Hexanoic acid, trimethylsilyl ester    | 188 | C9H20O2Si  | 014246-15-2  | 64   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |       |      |
|----------------------|------|---------|-------|----------|-----------------------|------|-------|------|
|                      |      |         |       |          | #                     | RT   | Resp  | Conc |
| unknown2.23          | 2.23 | 7.9     | ug/l  | 5168     | 1                     | 7.95 | 32877 | 50.0 |
| tert-Butyldimethy... | 7.13 | 13.3    | ug/l  | 8754     | 1                     | 7.95 | 32877 | 50.0 |