

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020524\  
 Data File : VW027954.D  
 Acq On : 05 Feb 2024 15:20  
 Operator : SY/MD  
 Sample : P1286-09RE  
 Misc : 4.26g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Feb 06 04:07:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Feb 06 04:06:06 2024  
 Response via : Initial Calibration

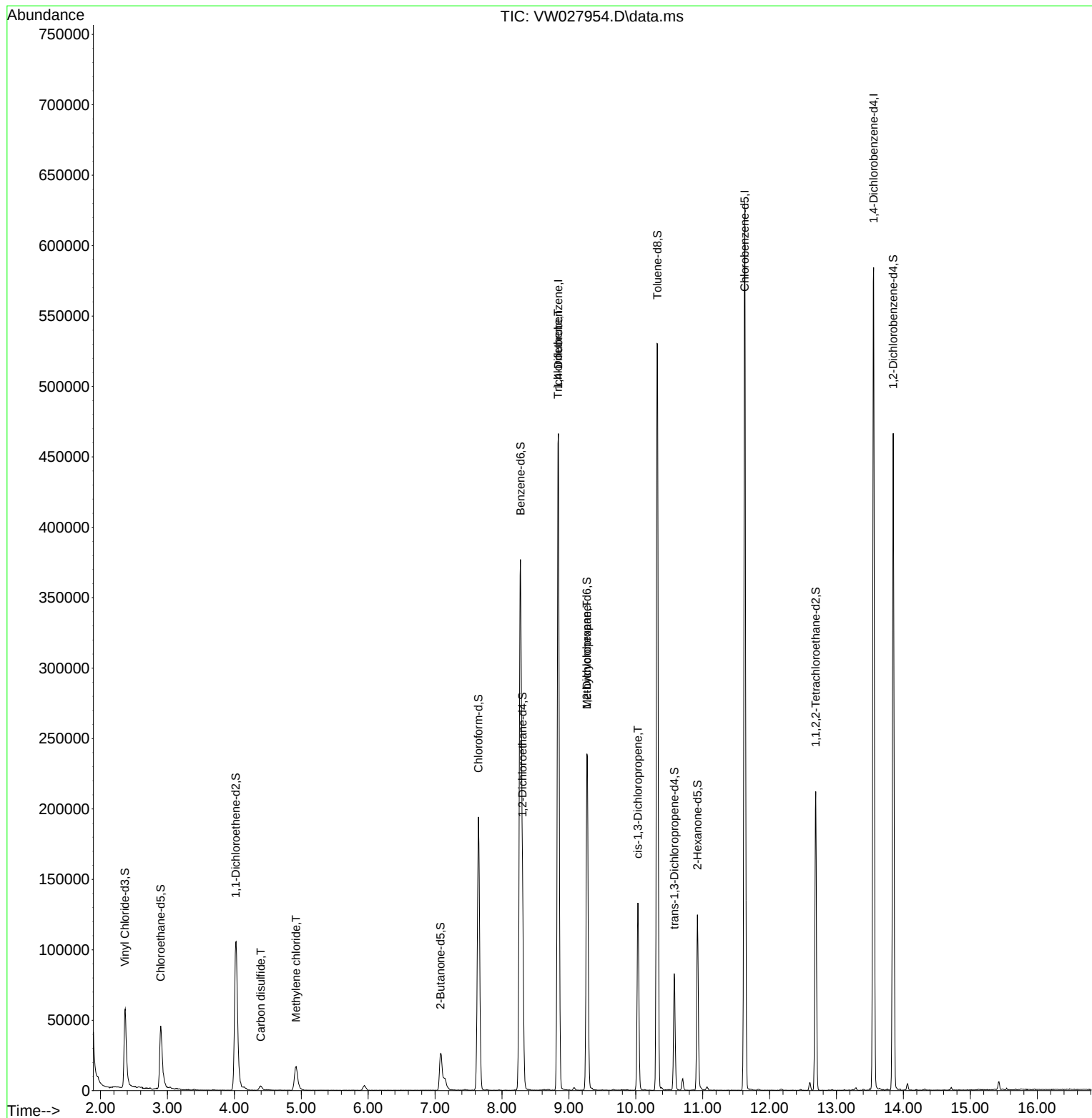
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 432660   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 384886   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 166105   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 86384    | 17.047   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.200%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 72757    | 18.930   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 75.720%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 37838    | 17.451   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.800%  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 46782    | 59.415   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 118.840% |
| 24) Chloroform-d              | 7.648  | 84    | 204163   | 20.181   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 80.720%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 102977   | 22.538   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 90.160%  |
| 32) Benzene-d6                | 8.276  | 84    | 421977   | 20.492   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.960%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 120666   | 21.612   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 86.440%  |
| 41) Toluene-d8                | 10.325 | 98    | 387132   | 19.648   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 78.600%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 48500    | 21.123   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 84.480%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 45807    | 60.316   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 120.640% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 106669   | 25.561   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 102.240% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 130128   | 23.049   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 92.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 14) Carbon disulfide          | 4.393  | 76    | 8018     | 0.573    | ug/L   | 96       |
| 16) Methylene chloride        | 4.923  | 84    | 16599    | 3.069    | ug/L   | 96       |
| 34) Trichloroethene           | 8.837  | 95    | 12430    | 2.252    | ug/L # | 4        |
| 35) Methylcyclohexane         | 9.270  | 83    | 29894    | 3.292    | ug/L # | 22       |
| 39) cis-1,3-Dichloropropene   | 10.032 | 75    | 3379     | 0.467    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

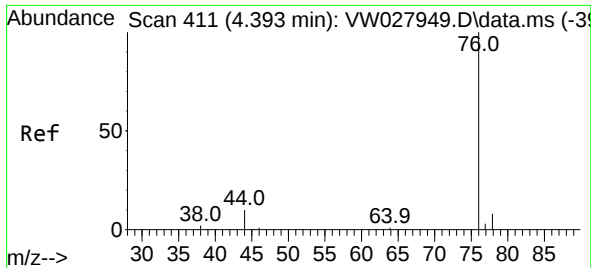
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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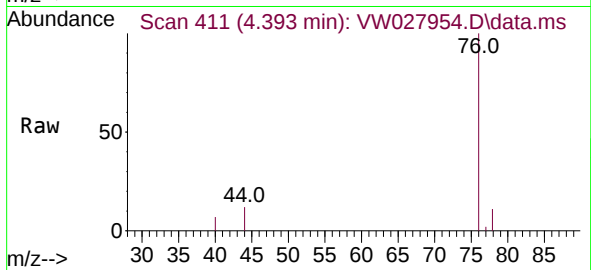
Quant Time: Feb 06 04:07:35 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
Quant Title : SFAM01.0  
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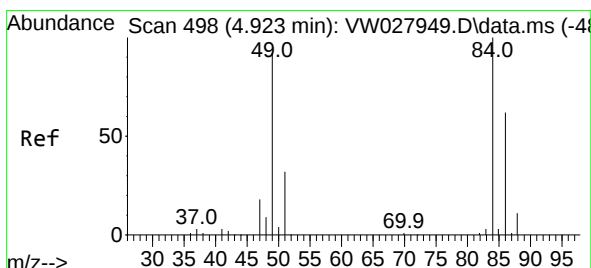
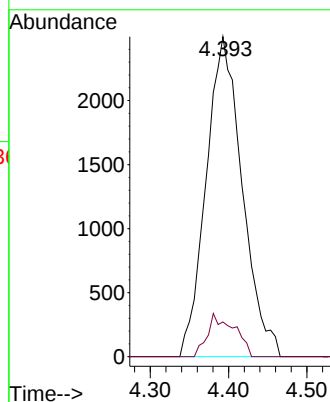
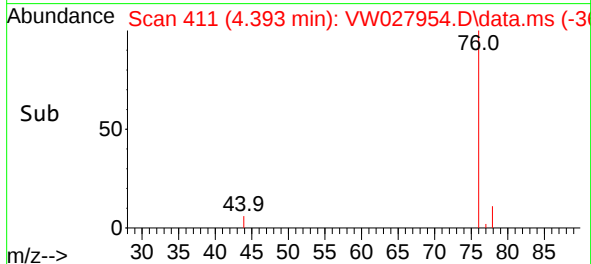


#14  
Carbon disulfide  
Concen: 0.573 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VW027954.D  
Acq: 05 Feb 2024 15:20

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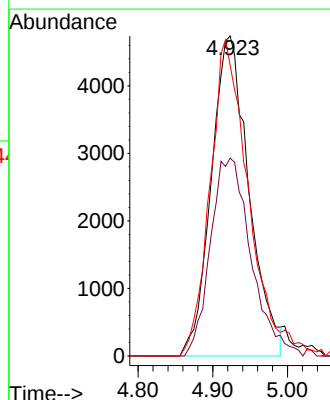
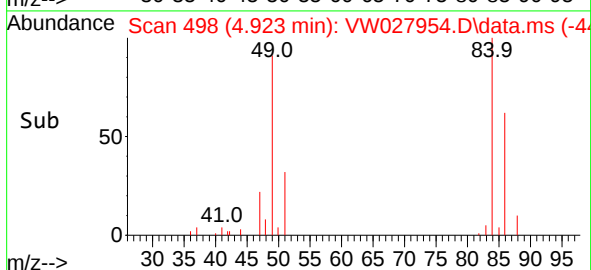
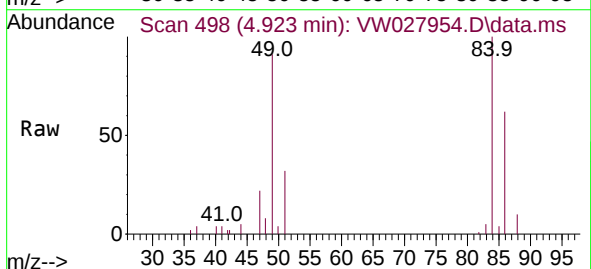


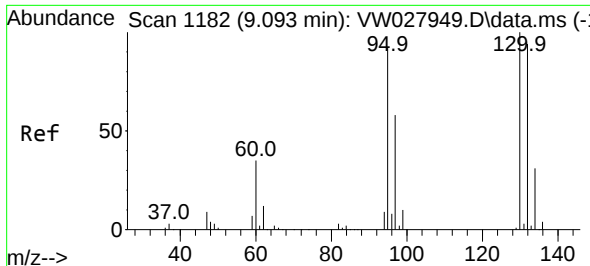
Tgt Ion: 76 Resp: 8018  
Ion Ratio Lower Upper  
76 100  
78 10.8 7.5 11.3



#16  
Methylene chloride  
Concen: 3.069 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VW027954.D  
Acq: 05 Feb 2024 15:20

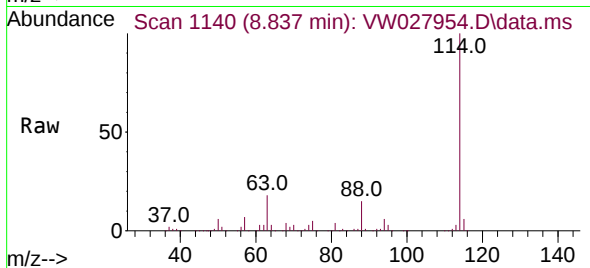
Tgt Ion: 84 Resp: 16599  
Ion Ratio Lower Upper  
84 100  
86 61.8 45.4 84.4  
49 90.9 66.3 123.1



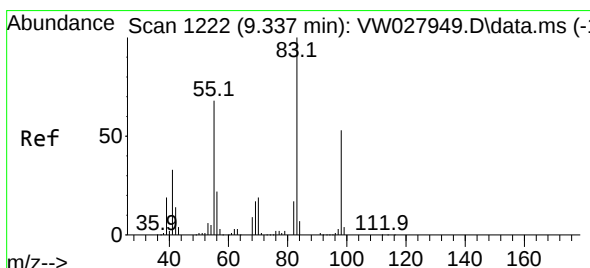
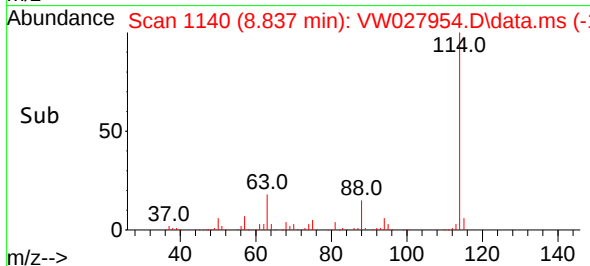
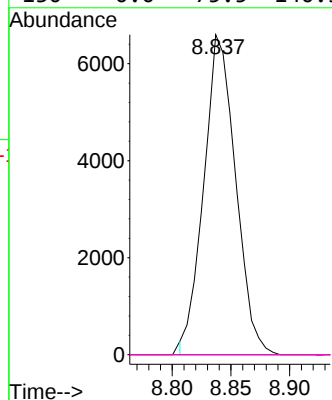


#34  
Trichloroethene  
Concen: 2.252 ug/L  
RT: 8.837 min Scan# 1114  
Delta R.T. -0.256 min  
Lab File: VW027954.D  
Acq: 05 Feb 2024 15:20

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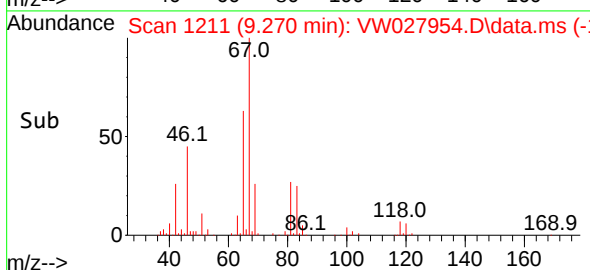
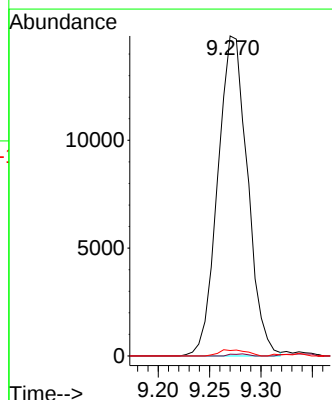
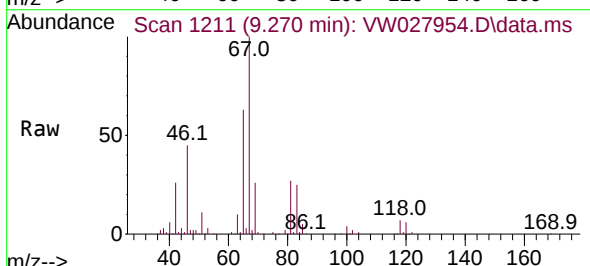


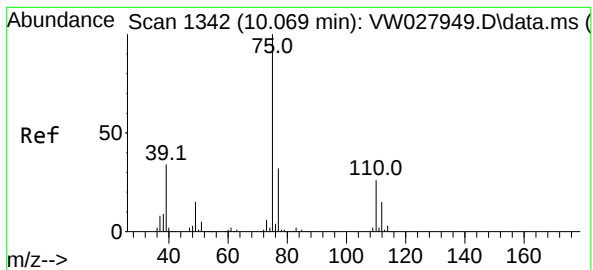
Tgt Ion: 95 Resp: 12430  
Ion Ratio Lower Upper  
95 100  
97 0.0 44.3 82.3#  
132 0.0 68.0 126.2#  
130 0.0 75.5 140.3#



#35  
Methylcyclohexane  
Concen: 3.292 ug/L  
RT: 9.270 min Scan# 1211  
Delta R.T. -0.067 min  
Lab File: VW027954.D  
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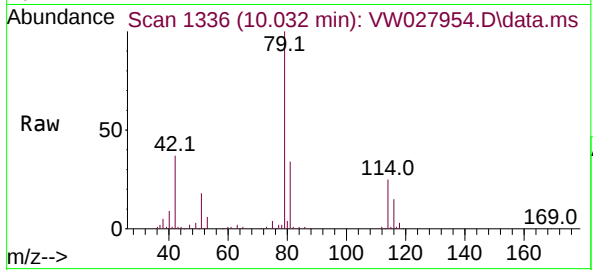
Tgt Ion: 83 Resp: 29894  
Ion Ratio Lower Upper  
83 100  
55 0.4 52.3 78.5#  
98 1.8 41.9 62.9#





#39  
 cis-1,3-Dichloropropene  
 Concen: 0.467 ug/L  
 RT: 10.032 min Scan# 11  
 Delta R.T. -0.037 min  
 Lab File: VW027954.D  
 Acq: 05 Feb 2024 15:20

Instrument :  
 MSVOA\_W  
 ClientSampleId :



Tgt Ion: 75 Resp: 3379  
 Ion Ratio Lower Upper  
 75 100  
 77 47.4 22.4 41.6#

