

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010923\  
 Data File : VU052637.D  
 Acq On : 09 Jan 2023 11:38  
 Operator : JC/MD  
 Sample : 01036-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 09 21:00:48 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Jan 09 20:59:53 2023  
 Response via : Initial Calibration

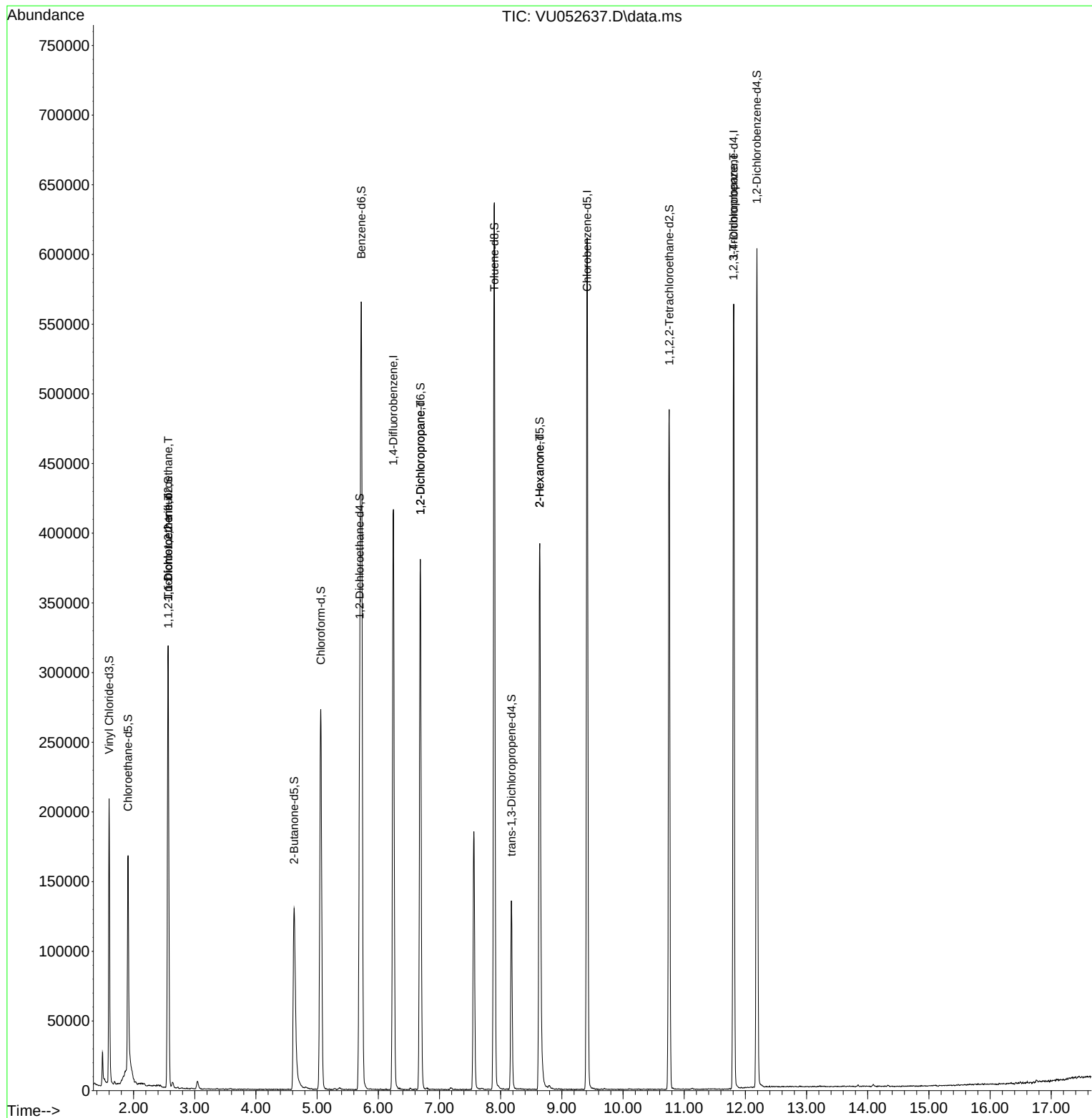
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.247   | 114            | 319012   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117            | 314329   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 137341   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.600   | 65             | 153731   | 42.782  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 85.560%  |          |
| 7) Chloroethane-d5            | 1.909   | 69             | 113614   | 40.412  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 80.820%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63             | 201889   | 34.167  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 68.340%  |          |
| 21) 2-Butanone-d5             | 4.623   | 46             | 224076   | 98.538  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 98.540%  |          |
| 24) Chloroform-d              | 5.060   | 84             | 255321   | 45.204  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 90.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65             | 173000   | 46.598  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 93.200%  |          |
| 32) Benzene-d6                | 5.723   | 84             | 511389   | 47.040  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.080%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.687   | 67             | 182412   | 47.758  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 95.520%  |          |
| 41) Toluene-d8                | 7.896   | 98             | 406066   | 44.052  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 88.100%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 75639    | 45.576  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 91.160%  |          |
| 47) 2-Hexanone-d5             | 8.636   | 63             | 137332   | 102.041 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 102.040% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754  | 84             | 248990   | 49.486  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 98.980%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.188  | 152            | 145204   | 55.065  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 110.120% |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568   | 101            | 1538     | 0.633   | ug/L #   | 23       |
| 12) 1,1-Dichloroethene        | 2.565   | 96             | 1292     | 0.576   | ug/L #   | 1        |
| 37) 1,2-Dichloropropane       | 6.687   | 63             | 19027    | 5.871   | ug/L #   | 88       |
| 48) 2-Hexanone                | 8.636   | 43             | 20141    | 5.634   | ug/L #   | 79       |
| 60) 1,2,3-Trichloropropane    | 11.806  | 75             | 20106    | 6.595   | ug/L #   | 69       |

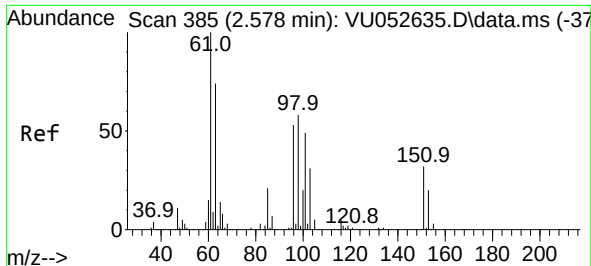
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU010923\  
Data File : VU052637.D  
Acq On : 09 Jan 2023 11:38  
Operator : JC/MD  
Sample : 01036-07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jan 09 21:00:48 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM010623WMA.M  
Quant Title : VOC Analysis  
QLast Update : Mon Jan 09 20:59:53 2023  
Response via : Initial Calibration

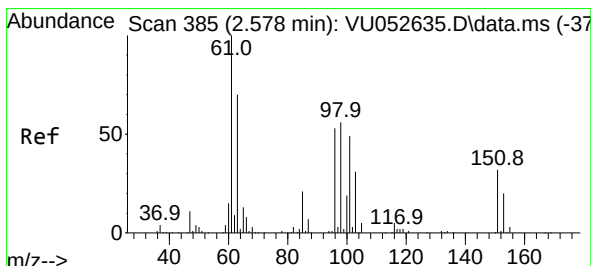
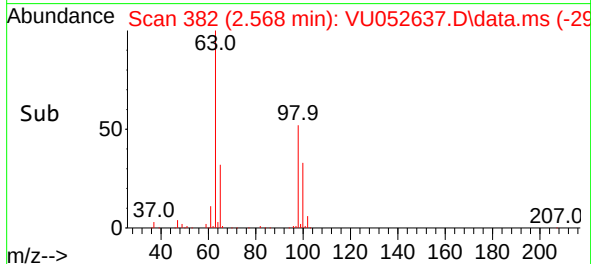
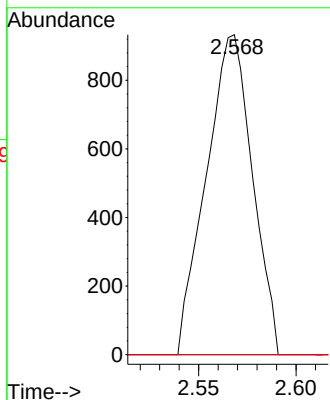
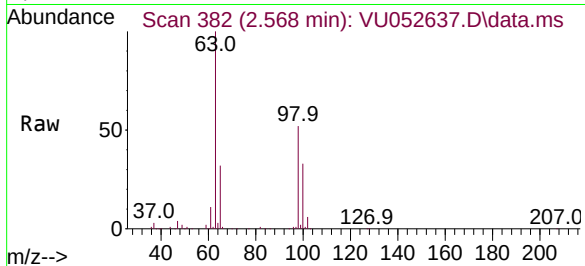




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.633 ug/L  
 RT: 2.568 min Scan# 31  
 Delta R.T. -0.010 min  
 Lab File: VU052637.D  
 Acq: 09 Jan 2023 11:38

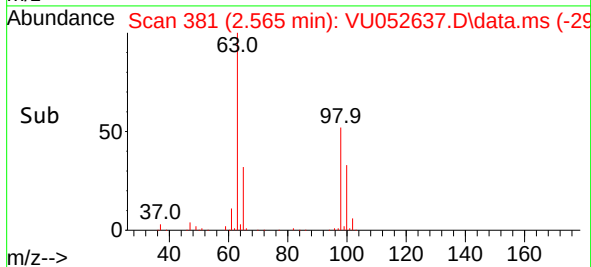
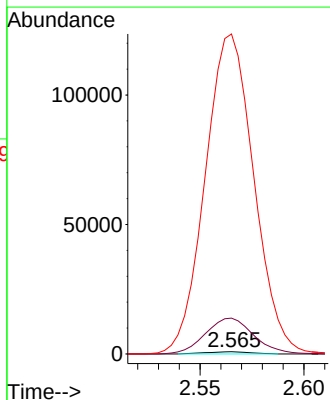
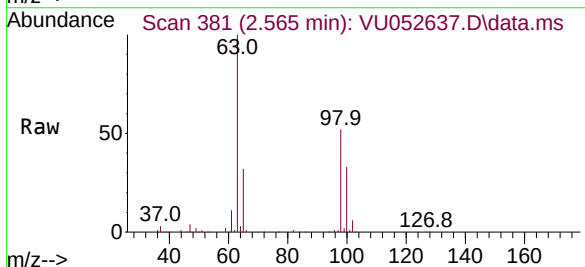
Instrument :  
 MSVOA\_U  
 ClientSampleId :

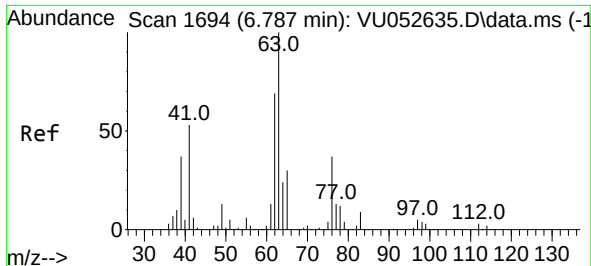
Tgt Ion:101 Resp: 1538  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 35.8 53.6#  
 151 0.0 53.2 79.8#



#12  
 1,1-Dichloroethene  
 Concen: 0.576 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU052637.D  
 Acq: 09 Jan 2023 11:38

Tgt Ion: 96 Resp: 1292  
 Ion Ratio Lower Upper  
 96 100  
 61 1599.4 140.8 261.6#  
 63 14253.3 122.6 227.6#

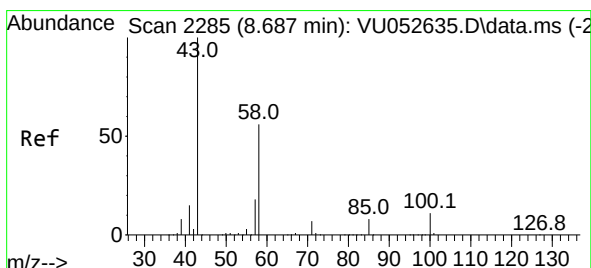
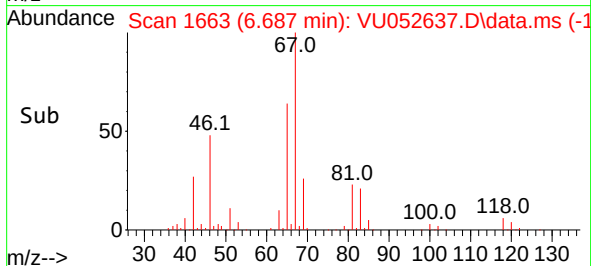
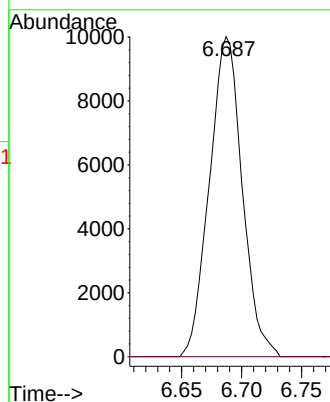
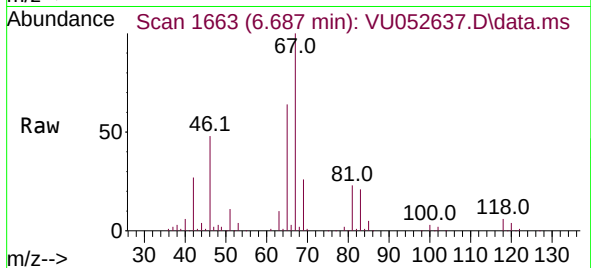




#37  
1,2-Dichloropropane  
Concen: 5.871 ug/L  
RT: 6.687 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU052637.D  
Acq: 09 Jan 2023 11:38

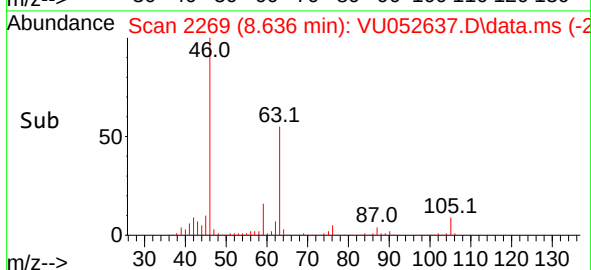
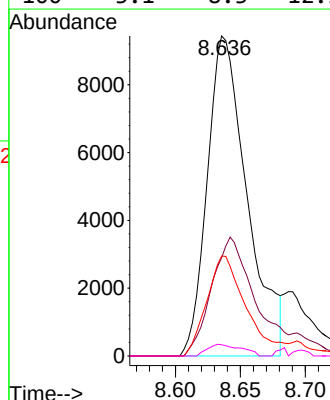
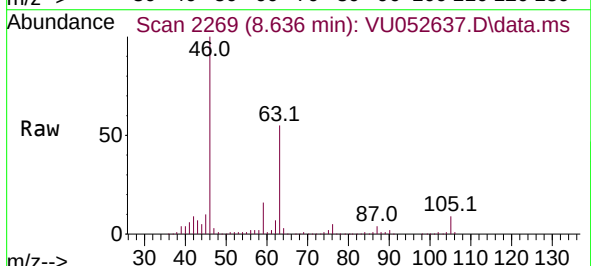
Instrument :  
MSVOA\_U  
ClientSampleId :

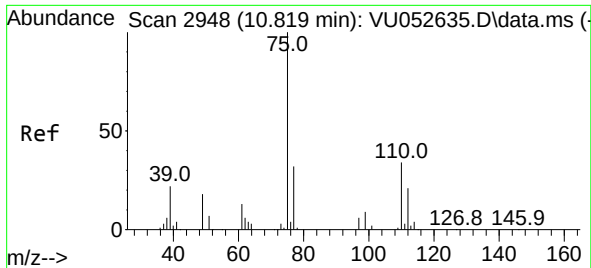
Tgt Ion: 63 Resp: 19027  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#



#48  
2-Hexanone  
Concen: 5.634 ug/L  
RT: 8.636 min Scan# 2269  
Delta R.T. -0.052 min  
Lab File: VU052637.D  
Acq: 09 Jan 2023 11:38

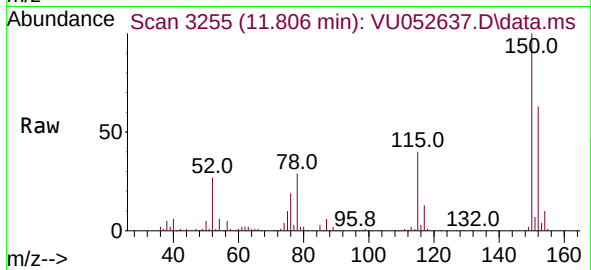
Tgt Ion: 43 Resp: 20141  
Ion Ratio Lower Upper  
43 100  
58 40.3 42.6 63.8#  
57 31.0 14.2 21.4#  
100 3.1 8.3 12.5#





#60  
 1,2,3-Trichloropropane  
 Concen: 6.595 ug/L  
 RT: 11.806 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU052637.D  
 Acq: 09 Jan 2023 11:38

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 20106      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 30.2  | 25.3 37.9  |
| 110         | 1.6   | 27.3 40.9# |

