

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV031324\  
 Data File : VV034577.D  
 Acq On : 13 Mar 2024 16:04  
 Operator : SY/MD  
 Sample : P1739-09  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 14 02:25:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 14 02:21:30 2024  
 Response via : Initial Calibration

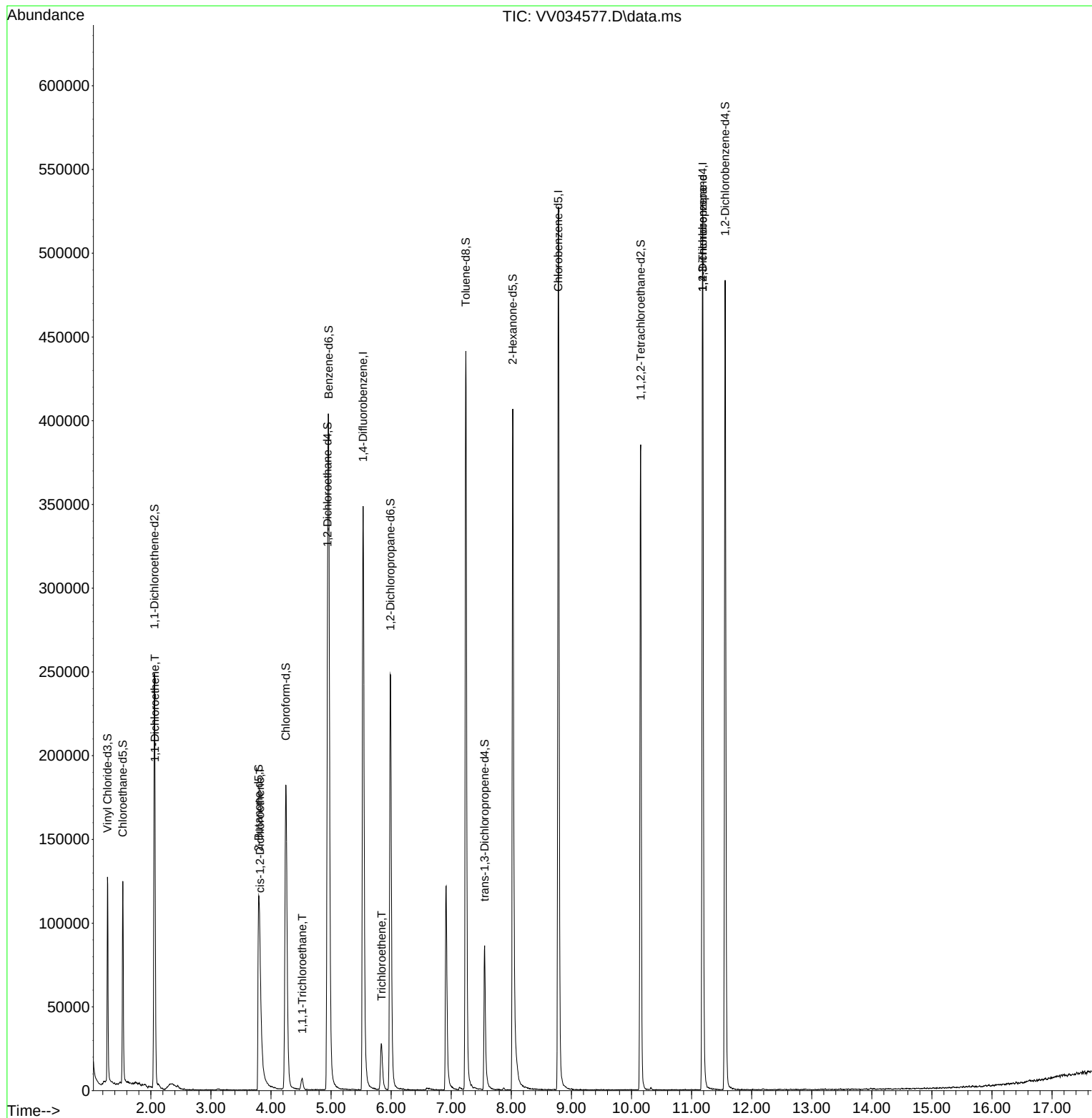
| Compound                      | R.T. QIon      |     | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|-----|------------|----------|--------|----------|
| -----                         |                |     |            |          |        |          |
| Internal Standards            |                |     |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114 | 298522     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117 | 283615     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152 | 132946     | 50.000   | ug/L   | 0.00     |
|                               |                |     |            |          |        |          |
| System Monitoring Compounds   |                |     |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65  | 76351      | 29.503   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |     | Recovery = | 59.000%  | #      |          |
| 7) Chloroethane-d5            | 1.532          | 69  | 74272      | 36.839   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |     | Recovery = | 73.680%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65  | 38440      | 32.845   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery = | 65.680%  |        |          |
| 21) 2-Butanone-d5             | 3.796          | 46  | 206632     | 119.398  | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |     | Recovery = | 119.400% |        |          |
| 24) Chloroform-d              | 4.246          | 84  | 195676     | 42.765   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 85.520%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65  | 137430     | 45.962   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 91.920%  |        |          |
| 32) Benzene-d6                | 4.960          | 84  | 344107     | 40.201   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |     | Recovery = | 80.400%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67  | 116380     | 44.552   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |     | Recovery = | 89.100%  |        |          |
| 41) Toluene-d8                | 7.243          | 98  | 285177     | 36.816   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery = | 73.640%  | #      |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79  | 51261      | 39.078   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |     | Recovery = | 78.160%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63  | 139972     | 107.305  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |     | Recovery = | 107.310% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84  | 180922     | 52.630   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |     | Recovery = | 105.260% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152 | 122658     | 45.137   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |     | Recovery = | 90.280%  |        |          |
|                               |                |     |            |          |        |          |
| Target Compounds              |                |     |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.069          | 96  | 12799      | 5.726    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.815          | 96  | 11762      | 5.011    | ug/L   | 92       |
| 30) 1,1,1-Trichloroethane     | 4.519          | 97  | 5761       | 1.417    | ug/L # | 66       |
| 34) Trichloroethene           | 5.841          | 95  | 7529       | 3.009    | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75  | 17296      | 6.815    | ug/L # | 65       |
| -----                         |                |     |            |          |        |          |

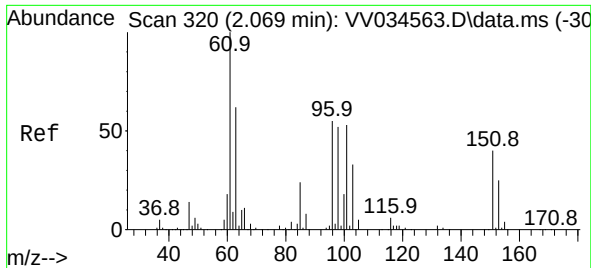
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

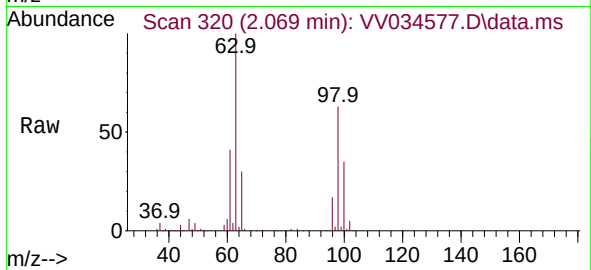
Quant Time: Mar 14 02:25:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 14 02:21:30 2024  
Response via : Initial Calibration



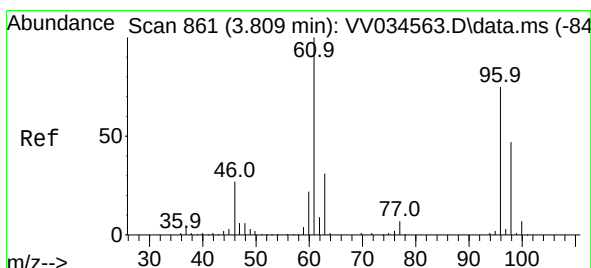
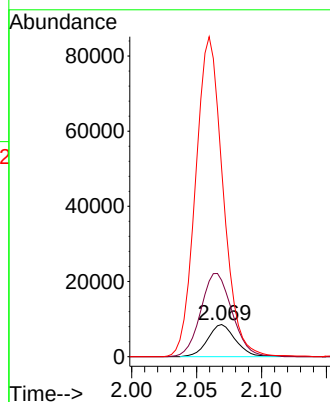
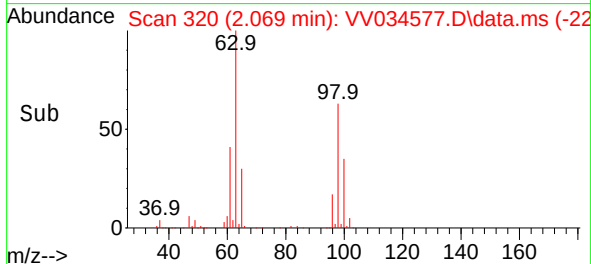


#12  
1,1-Dichloroethene  
Concen: 5.726 ug/L  
RT: 2.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VV034577.D  
Acq: 13 Mar 2024 16:04

Instrument :  
MSVOA\_V  
ClientSampleId :

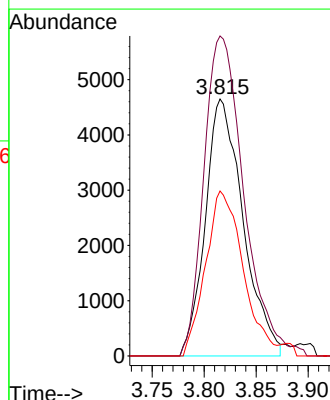
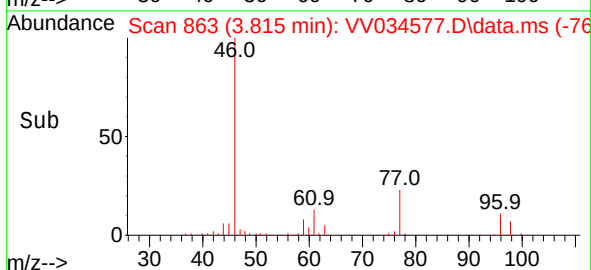
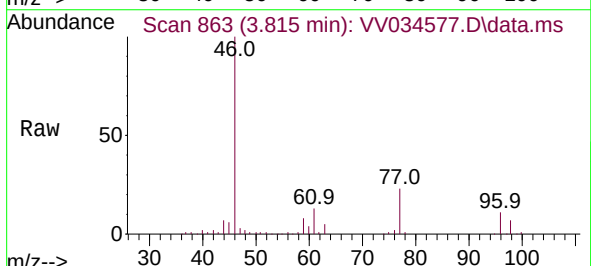


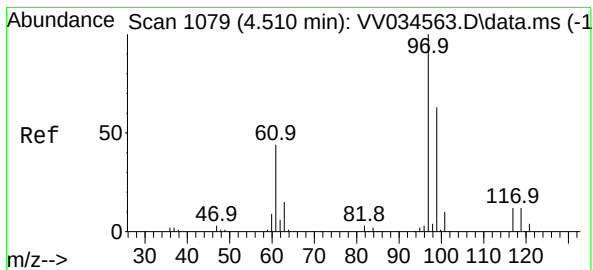
Tgt Ion: 96 Resp: 12799  
Ion Ratio Lower Upper  
96 100  
61 236.6 128.9 239.3  
63 582.9 98.0 182.0#



#20  
cis-1,2-Dichloroethene  
Concen: 5.011 ug/L  
RT: 3.815 min Scan# 863  
Delta R.T. 0.007 min  
Lab File: VV034577.D  
Acq: 13 Mar 2024 16:04

Tgt Ion: 96 Resp: 11762  
Ion Ratio Lower Upper  
96 100  
61 124.5 96.0 178.4  
98 64.2 46.0 85.4





#30

1,1,1-Trichloroethane

Concen: 1.417 ug/L

RT: 4.519 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV034577.D

Acq: 13 Mar 2024 16:04

Instrument :

MSVOA\_V

ClientSampleId :

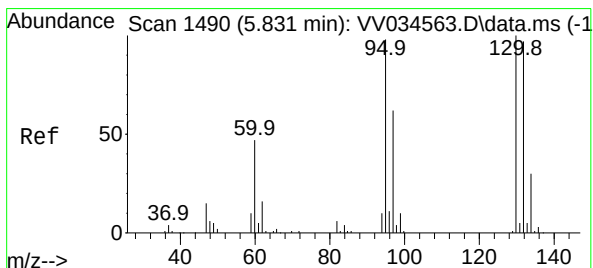
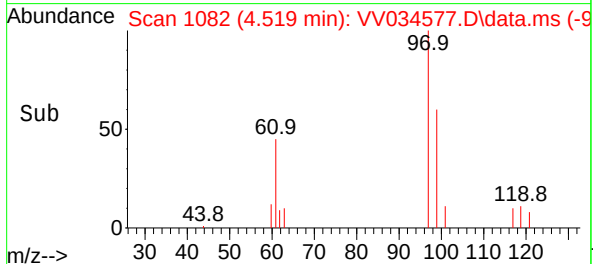
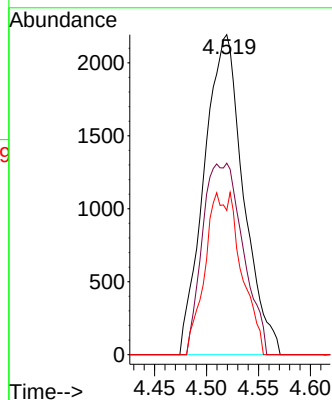
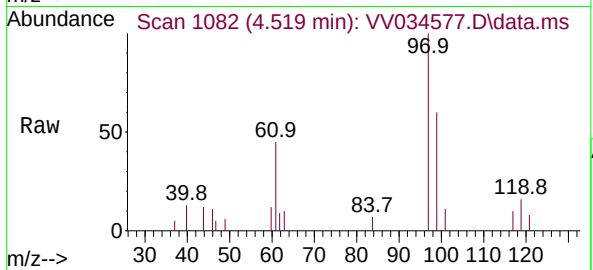
Tgt Ion: 97 Resp: 5761

Ion Ratio Lower Upper

97 100

99 33.1 51.3 76.9#

61 27.8 36.0 54.0#



#34

Trichloroethene

Concen: 3.009 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV034577.D

Acq: 13 Mar 2024 16:04

Tgt Ion: 95 Resp: 7529

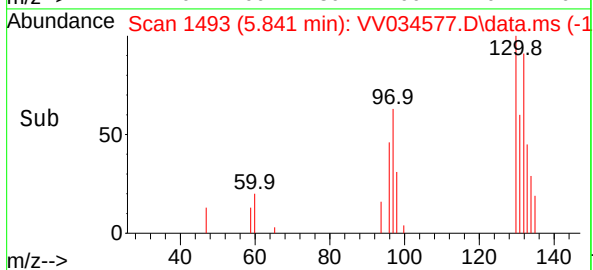
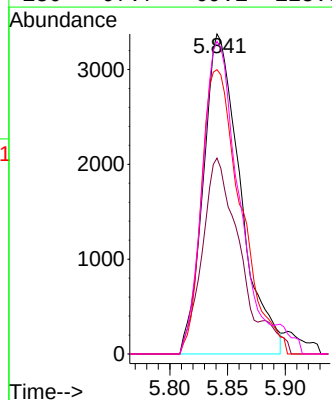
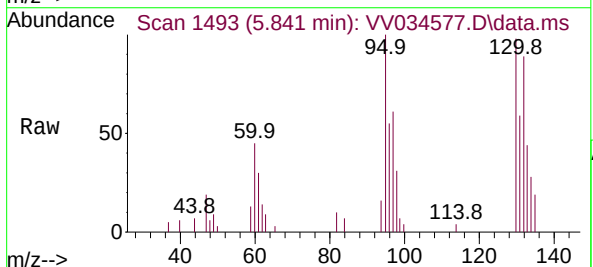
Ion Ratio Lower Upper

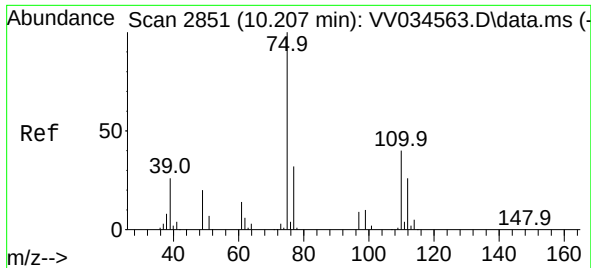
95 100

97 61.2 44.7 83.1

132 88.9 65.3 121.3

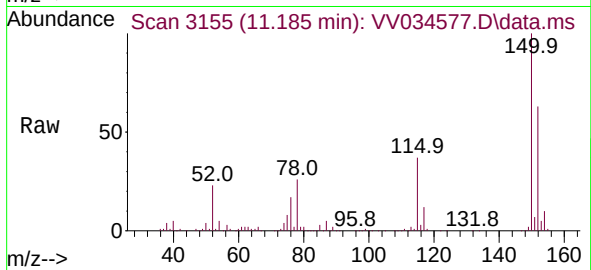
130 97.7 69.1 128.3





#61  
1,2,3-Trichloropropane  
Concen: 6.815 ug/L  
RT: 11.185 min Scan# 3155  
Delta R.T. 0.978 min  
Lab File: VV034577.D  
Acq: 13 Mar 2024 16:04

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 75 Resp: 17296  
Ion Ratio Lower Upper  
75 100  
77 32.7 25.9 38.9  
110 2.3 33.1 49.7#

