

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122121\  
 Data File : VX025958.D  
 Acq On : 21 Dec 2021 15:45  
 Operator : JC/MD  
 Sample : M5150-15DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 22 05:39:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122021WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 22 05:35:20 2021  
 Response via : Initial Calibration

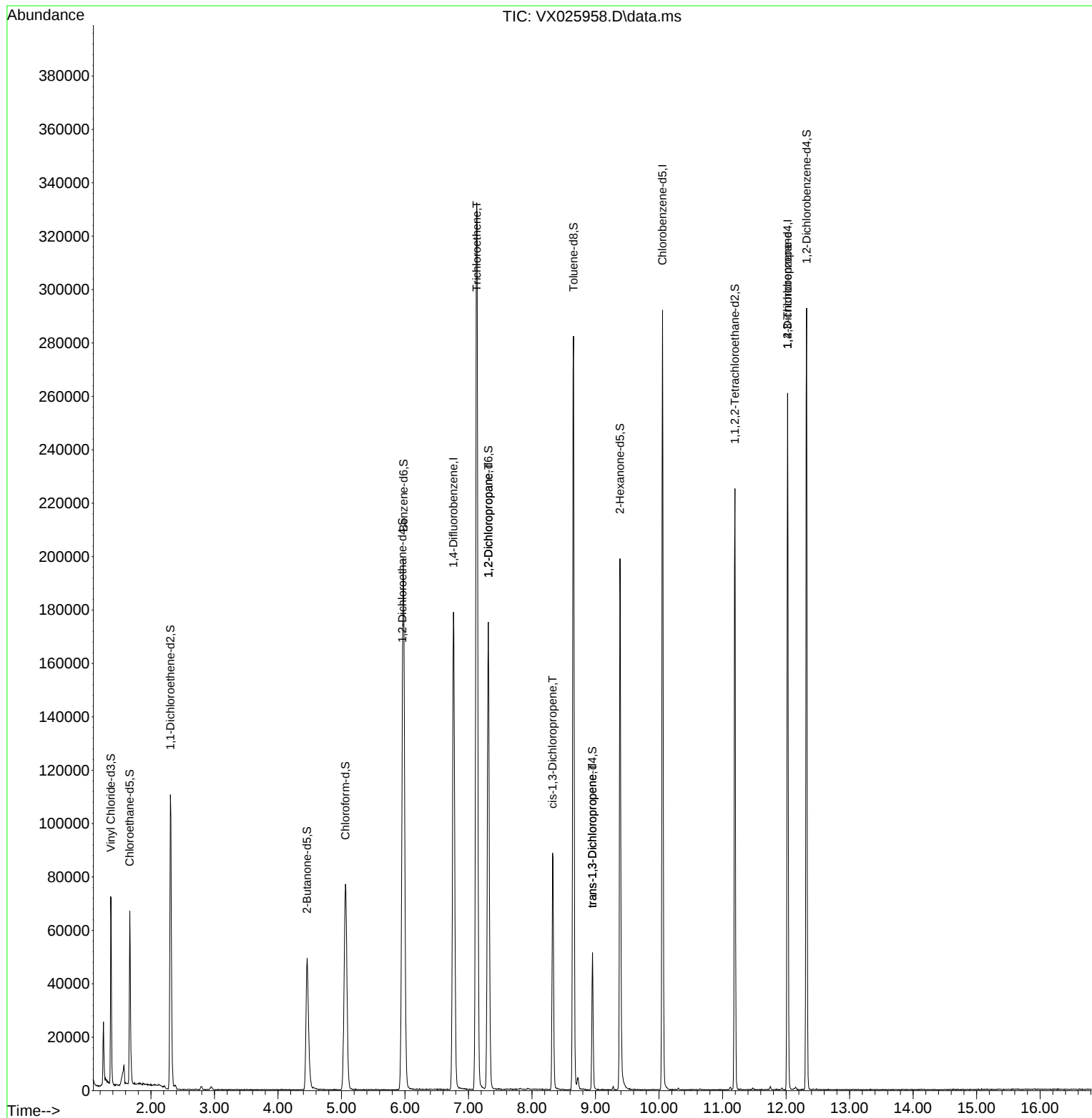
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 179741     | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 122565     | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 51241      | 50.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 43687      | 30.148    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 60.300%   |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 41067      | 33.938    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 67.880%#  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 63   | 63824      | 25.358    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 50.720%#  |        |          |
| 21) 2-Butanone-d5             | 4.458          | 46   | 83900      | 80.258    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 80.260%   |        |          |
| 24) Chloroform-d              | 5.062          | 84   | 96047      | 34.577    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 69.160%#  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 66762      | 36.851    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 73.700%   |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 187366     | 50.458    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.920%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.312          | 67   | 84816      | 74.993    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 149.980%# |        |          |
| 41) Toluene-d8                | 8.653          | 98   | 166402     | 47.196    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.400%   |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 21868      | 43.792    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.580%   |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 55548      | 109.259   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 109.260%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 81909      | 51.122    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 102.240%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 54555      | 50.510    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.020%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 34) Trichloroethene           | 7.129          | 95   | 125970     | 125.580   | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 7.312          | 63   | 9893       | 10.348    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.324          | 75   | 2145       | 1.517     | ug/L # | 73       |
| 44) trans-1,3-Dichloropropene | 8.952          | 75   | 1122       | 0.845     | ug/L # | 61       |
| 61) 1,2,3-Trichloropropane    | 12.024         | 75   | 7108       | 6.885     | ug/L # | 64       |
| -----                         |                |      |            |           |        |          |

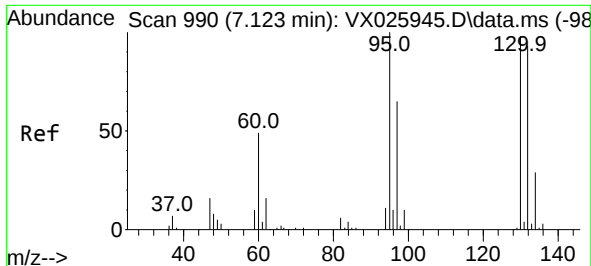
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M5150-15DL 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

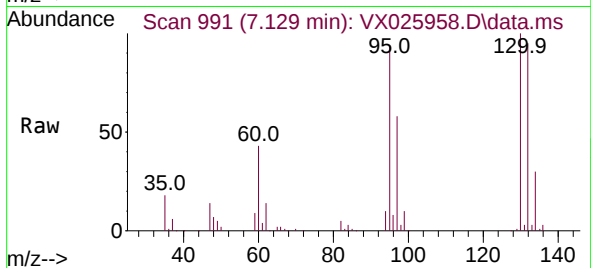
Quant Time: Dec 22 05:39:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122021WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Dec 22 05:35:20 2021  
Response via : Initial Calibration





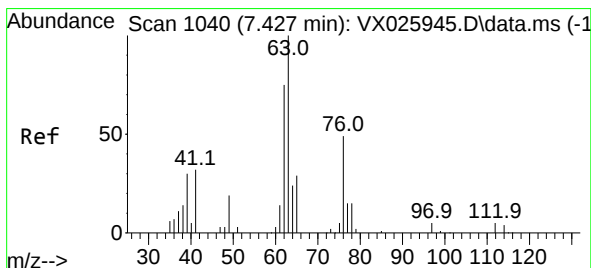
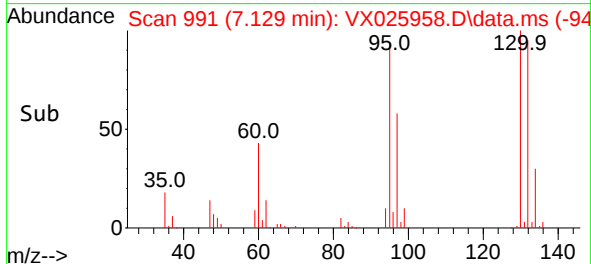
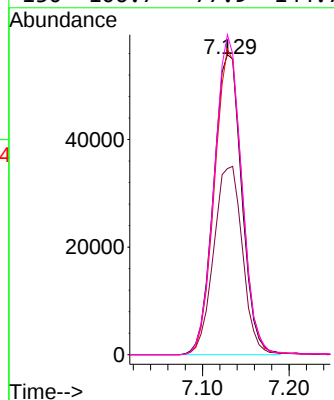
#34  
Trichloroethene  
Concen: 125.580 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX025958.D  
Acq: 21 Dec 2021 15:45

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 95 Resp: 125970

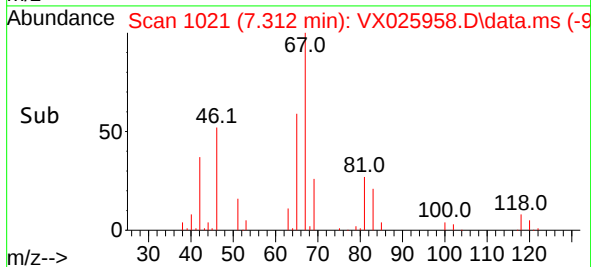
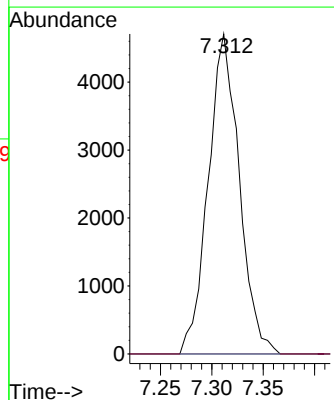
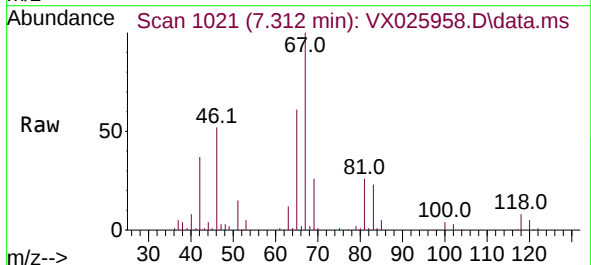
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.0  | 46.0  | 85.4  |
| 132 | 101.9 | 75.0  | 139.2 |
| 130 | 106.7 | 77.9  | 144.7 |

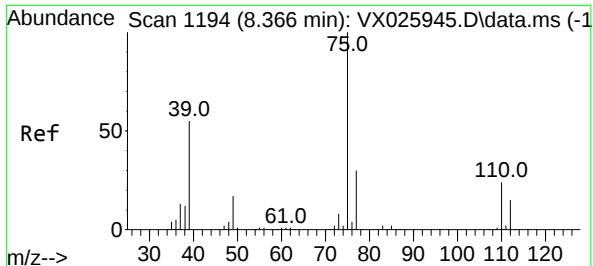


#37  
1,2-Dichloropropane  
Concen: 10.348 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.116 min  
Lab File: VX025958.D  
Acq: 21 Dec 2021 15:45

Tgt Ion: 63 Resp: 9893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 112 | 0.0   | 4.0   | 6.0#  |





#39

cis-1,3-Dichloropropene

Concen: 1.517 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025958.D

Acq: 21 Dec 2021 15:45

Instrument :

MSVOA\_X

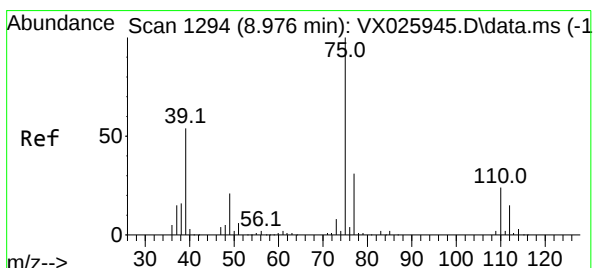
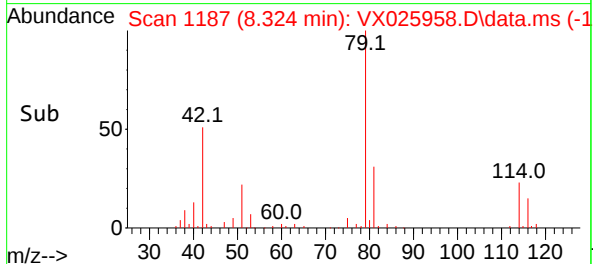
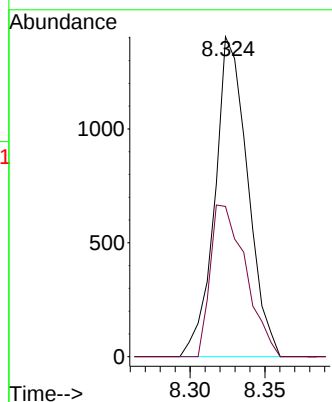
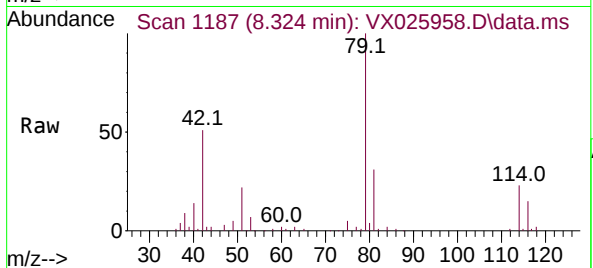
ClientSampleId :

Tgt Ion: 75 Resp: 2145

Ion Ratio Lower Upper

75 100

77 47.0 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025958.D

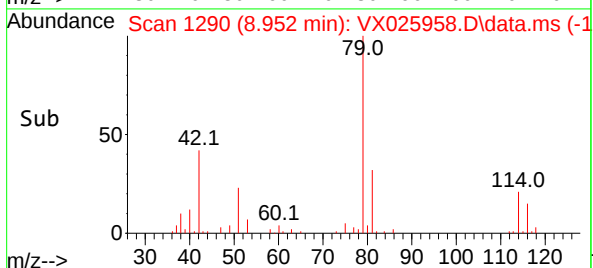
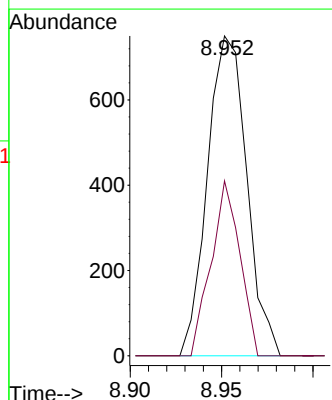
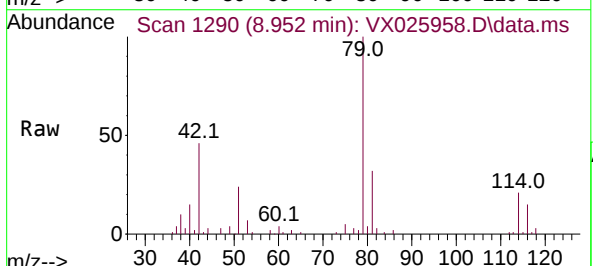
Acq: 21 Dec 2021 15:45

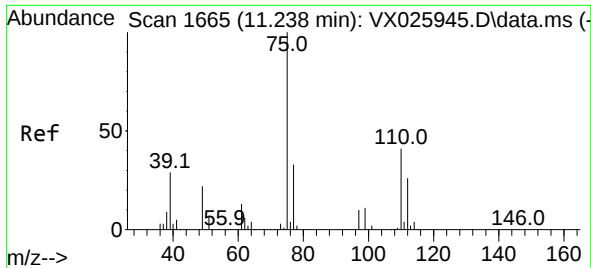
Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

77 54.7 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 6.885 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.787 min

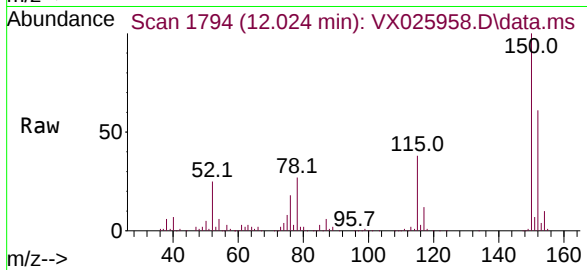
Lab File: VX025958.D

Acq: 21 Dec 2021 15:45

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 75 Resp: 7108

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8

110 2.6 34.7 52.1#

