

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076688.D
 Acq On : 15 Feb 2023 16:28
 Operator : JC\MD
 Sample : 01535-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Feb 16 04:33:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

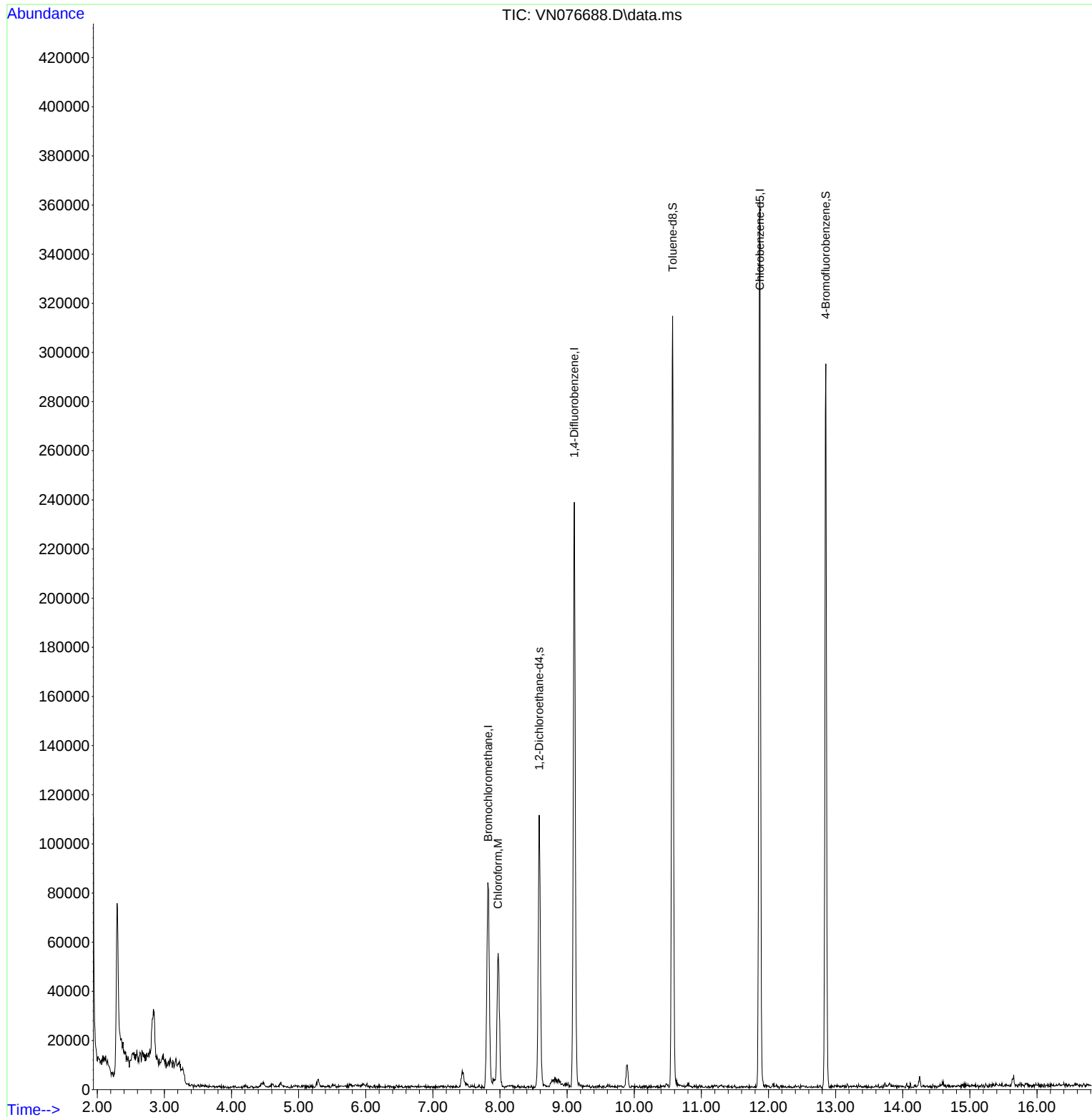
Internal Standards						
1) Bromochloromethane	7.825	128	28175	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	195820	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	198688	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	82752	32.113	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.033%
60) 4-Bromofluorobenzene	12.854	95	91576	26.058	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.867%
63) Toluene-d8	10.572	98	210009	30.176	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						
25) Chloroform	7.972	83	51830	8.586	ug/l	Qvalue 96

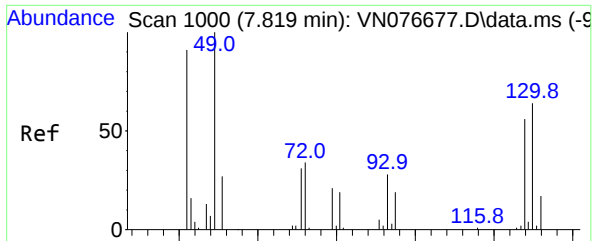
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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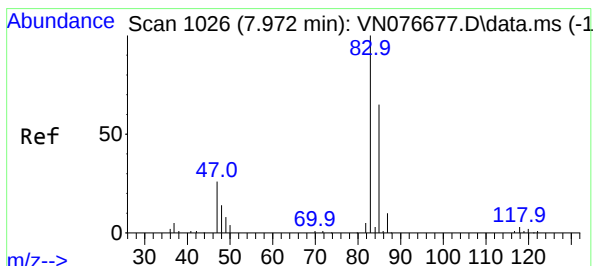
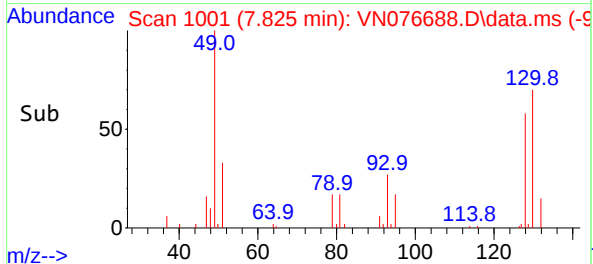
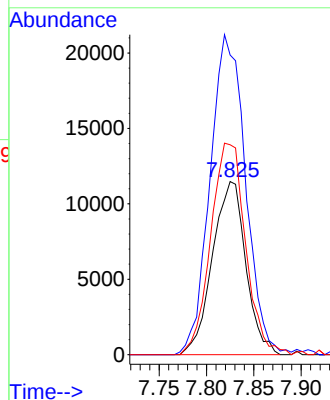
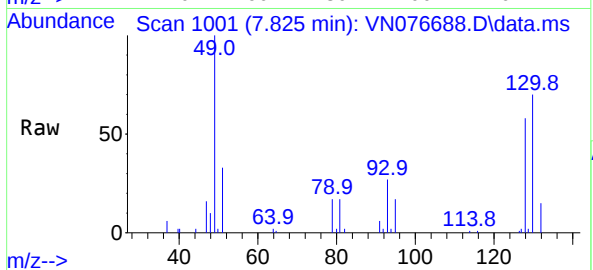




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

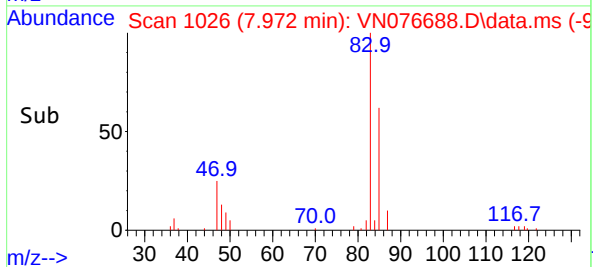
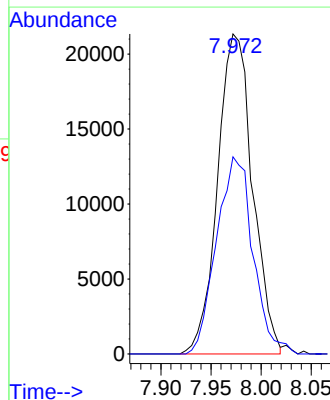
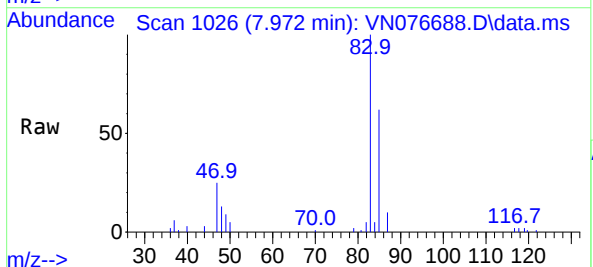
Instrument :
MSVOA_N
ClientSampleId :
14B-1

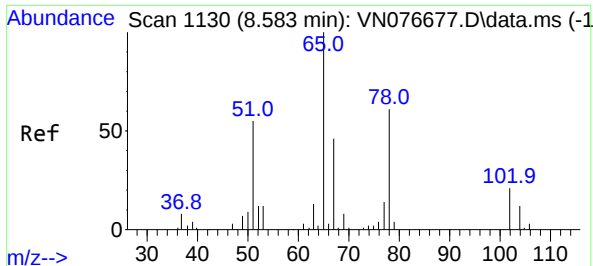
Tgt Ion:128 Resp: 28175
Ion Ratio Lower Upper
128 100
49 196.0 0.0 461.8
130 127.3 0.0 295.3



#25
Chloroform
Concen: 8.586 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

Tgt Ion: 83 Resp: 51830
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6

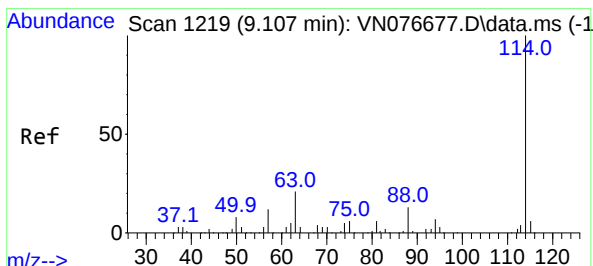
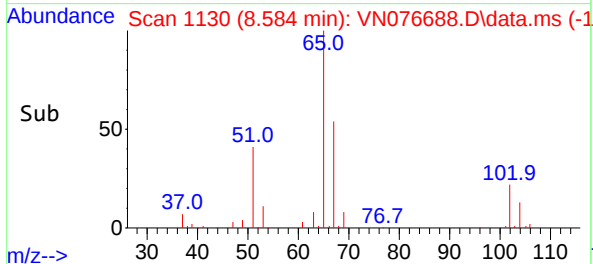
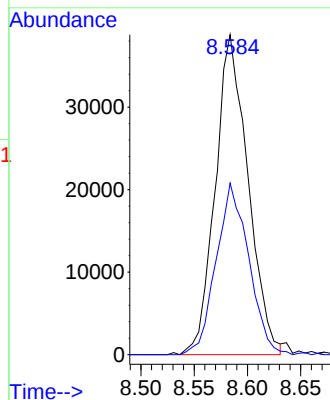
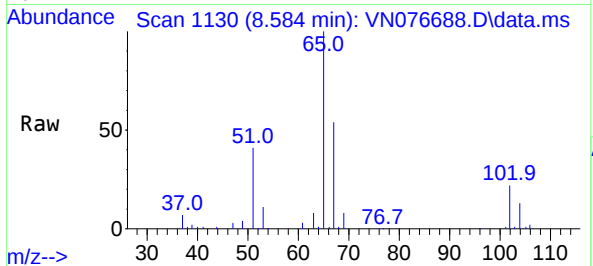




#27
1,2-Dichloroethane-d4
Concen: 32.113 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

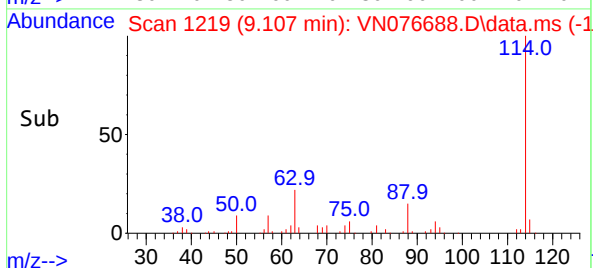
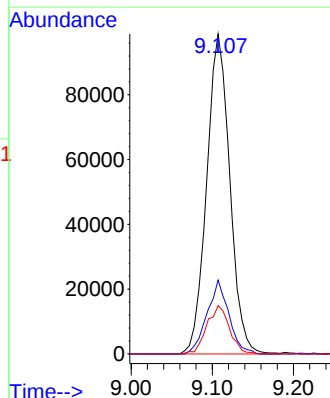
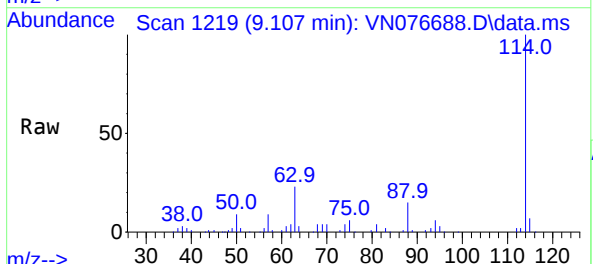
Instrument :
MSVOA_N
ClientSampleId :
14B-1

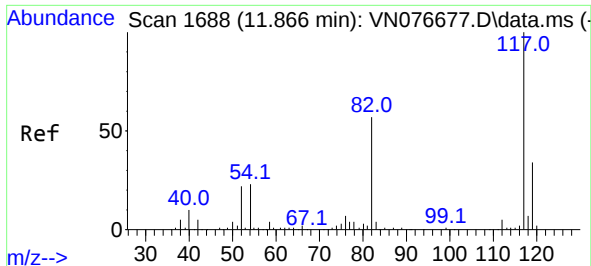
Tgt Ion: 65 Resp: 82752
Ion Ratio Lower Upper
65 100
67 53.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

Tgt Ion: 114 Resp: 195820
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 14.8 11.6 17.4

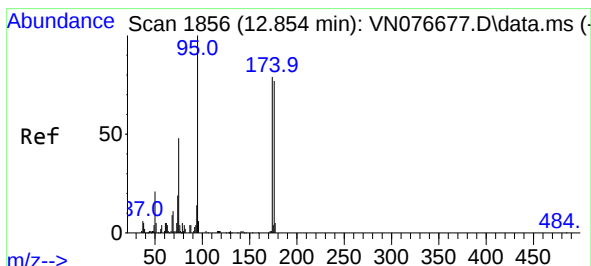
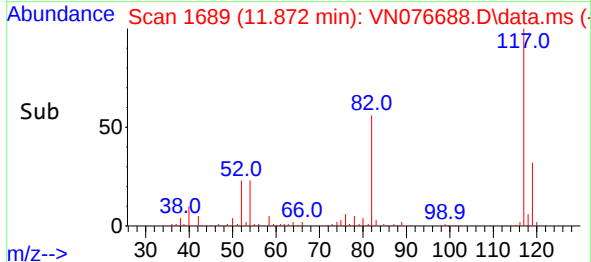
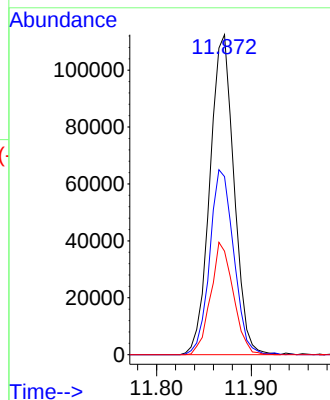
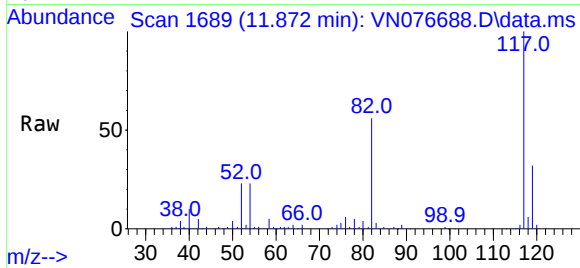




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

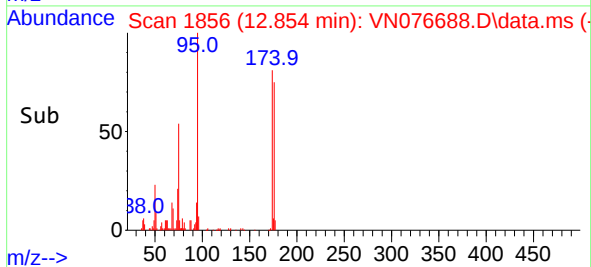
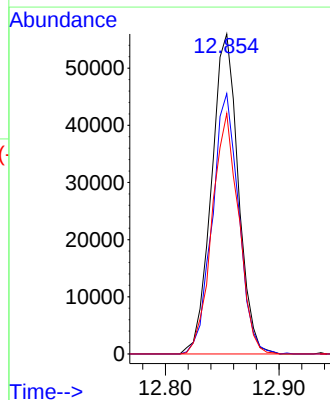
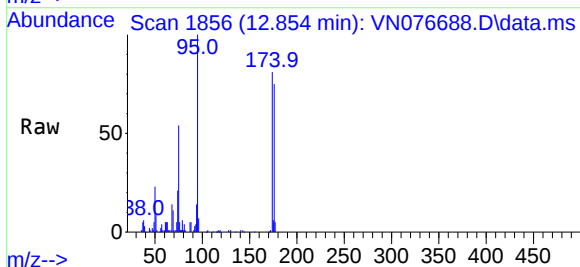
Instrument :
MSVOA_N
ClientSampleId :
14B-1

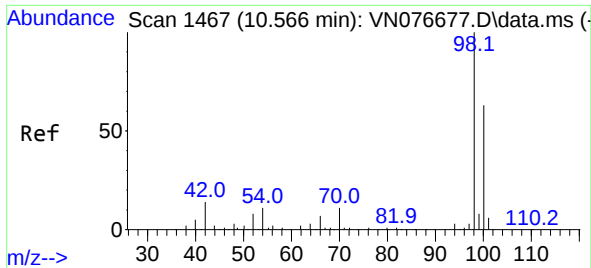
Tgt Ion:117 Resp: 198688
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 33.1 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 26.058 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

Tgt Ion: 95 Resp: 91576
Ion Ratio Lower Upper
95 100
174 80.3 64.2 96.4
176 74.9 61.4 92.0





#63
Toluene-d8
Concen: 30.176 ug/l
RT: 10.572 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN076688.D
Acq: 15 Feb 2023 16:28

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 98 Resp: 210009
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

