

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021949.D
 Acq On : 13 May 2021 00:42
 Operator : JC/MD
 Sample : M2359-03 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-3

Quant Time: May 13 06:29:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

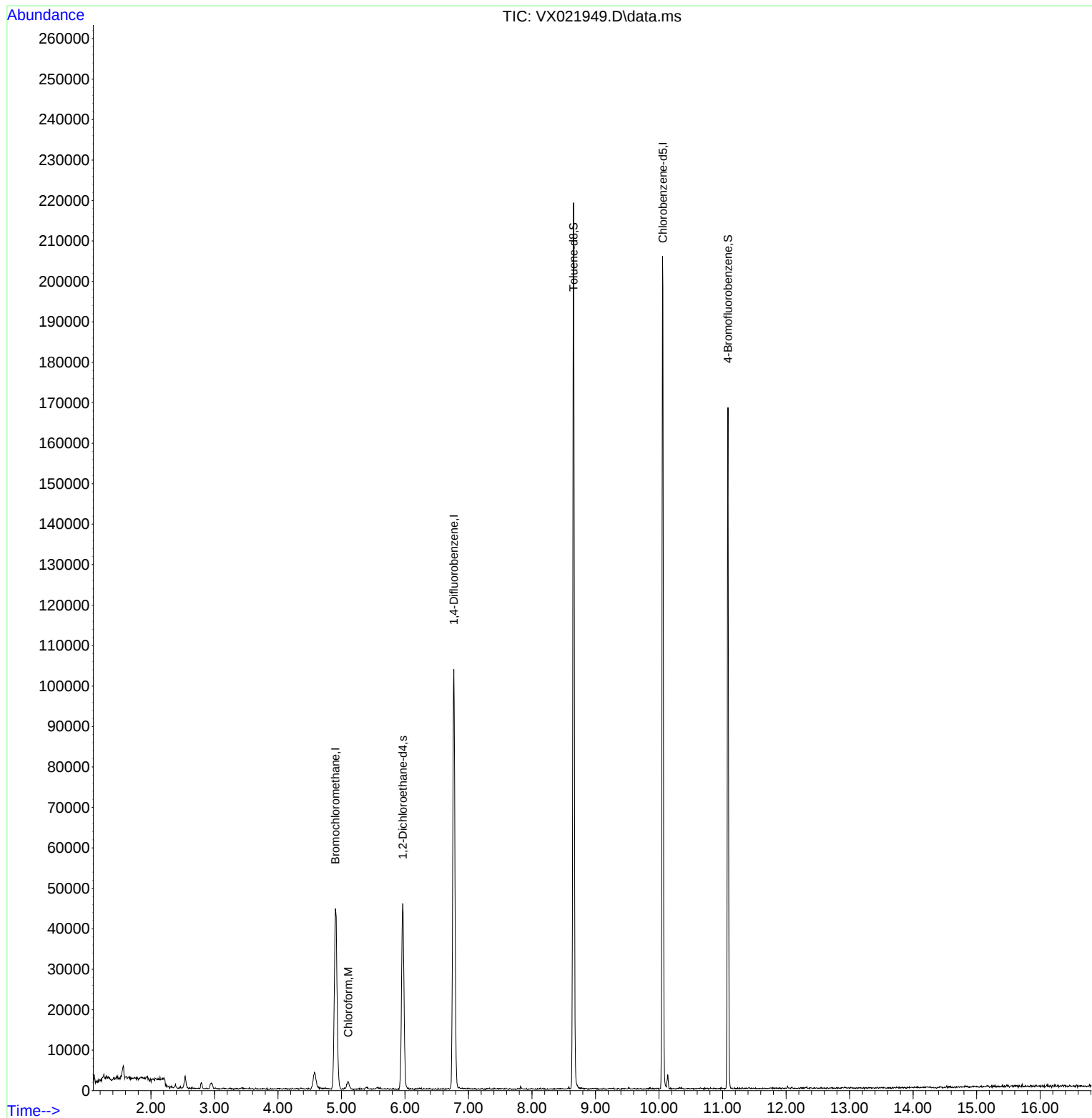
Internal Standards						
1) Bromochloromethane	4.903	128	18324	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	105339	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.061	117	94002	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	41707	29.55	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.50%
60) 4-Bromofluorobenzene	11.085	95	45205	28.98	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.60%
63) Toluene-d8	8.653	98	126386	29.42	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.07%
Target Compounds						
25) Chloroform	5.105	83	2230	1.02	ug/l	Qvalue # 79

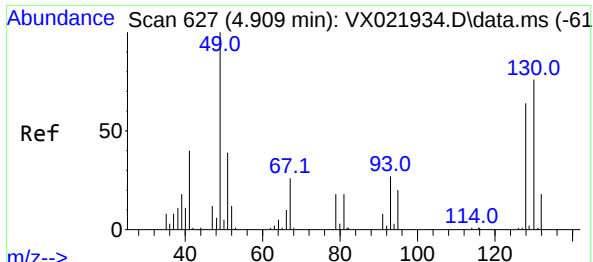
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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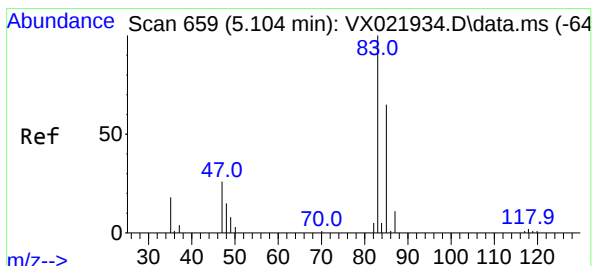
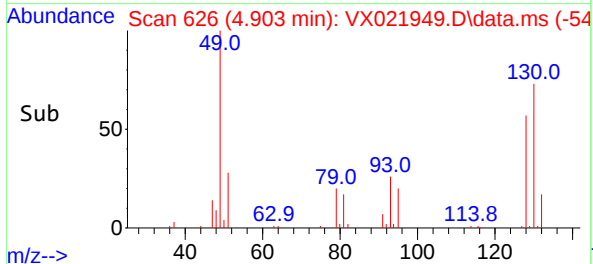
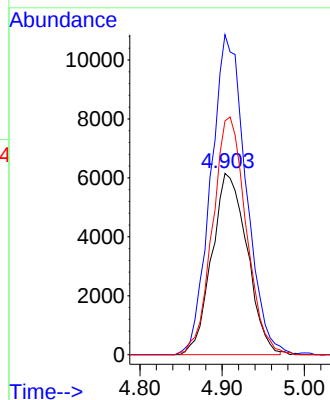
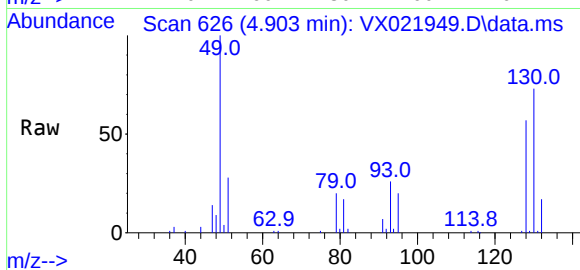


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

Instrument :
MSVOA_X
ClientSampleId :
14B-3

Tgt Ion:128 Resp: 18324

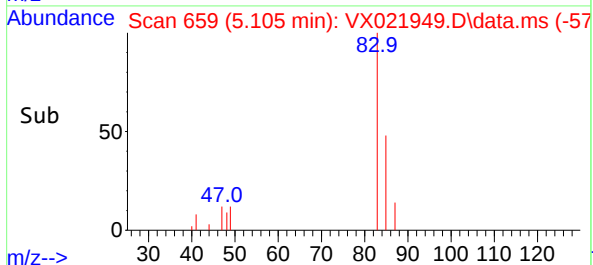
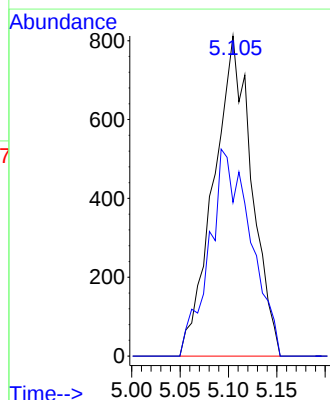
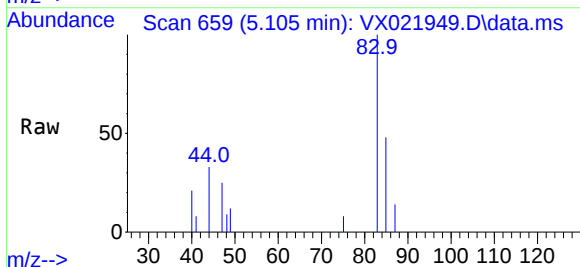
Ion	Ratio	Lower	Upper
128	100		
49	175.7	0.0	442.5
130	125.5	0.0	323.3

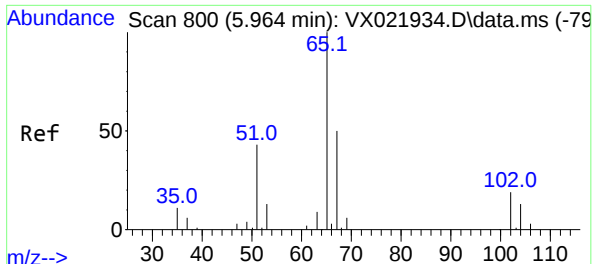


#25
Chloroform
Concen: 1.02 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

Tgt Ion: 83 Resp: 2230

Ion	Ratio	Lower	Upper
83	100		
85	48.0	51.9	77.9#

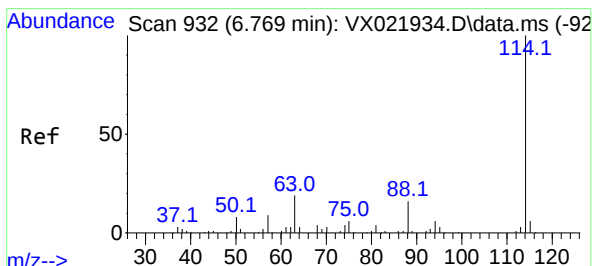
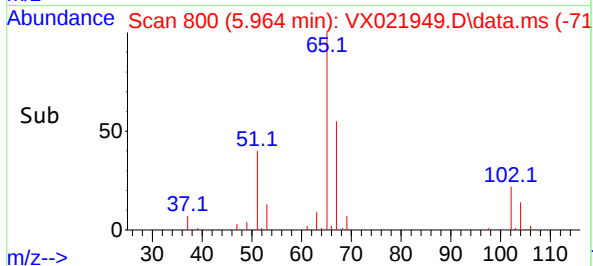
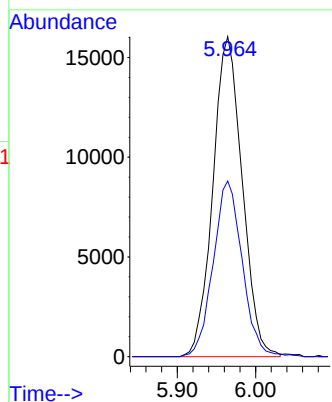
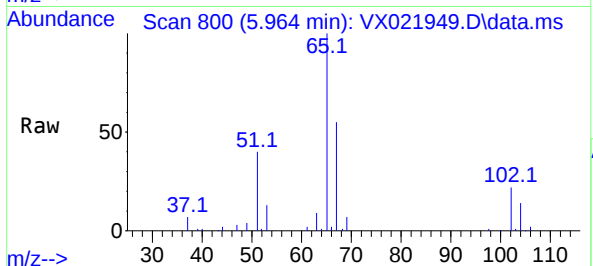




#27
1,2-Dichloroethane-d4
Concen: 29.55 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

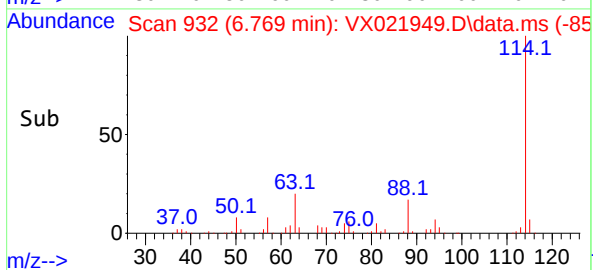
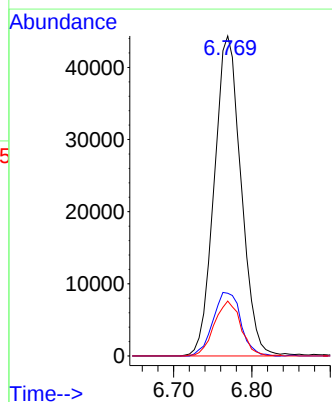
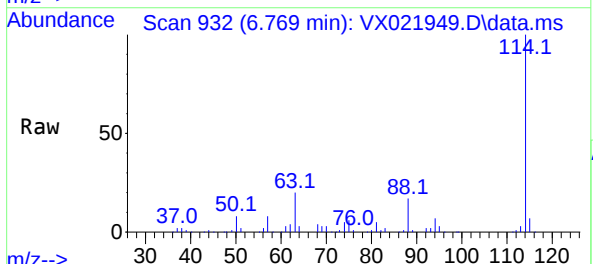
Instrument :
MSVOA_X
ClientSampleId :
14B-3

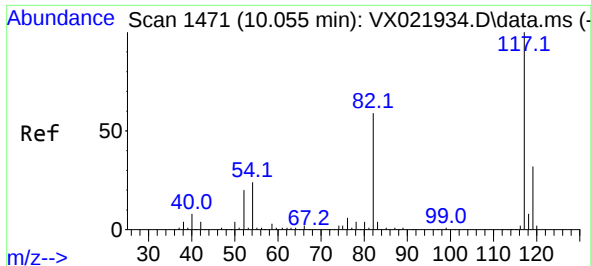
Tgt Ion: 65 Resp: 41707
Ion Ratio Lower Upper
65 100
67 54.2 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

Tgt Ion: 114 Resp: 105339
Ion Ratio Lower Upper
114 100
63 20.7 16.6 25.0
88 17.0 13.1 19.7

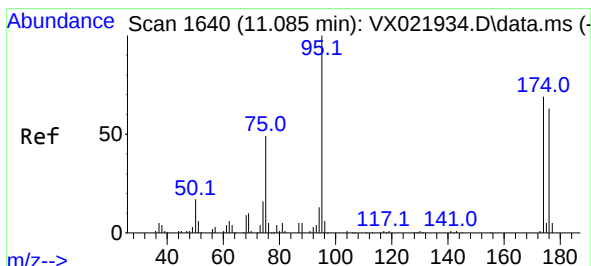
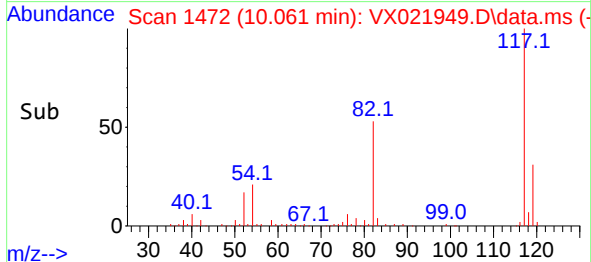
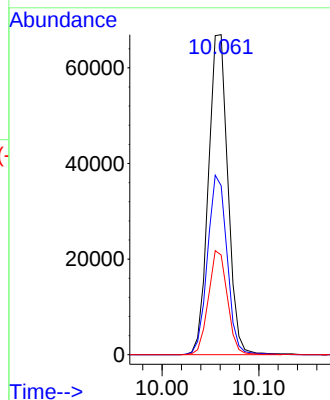
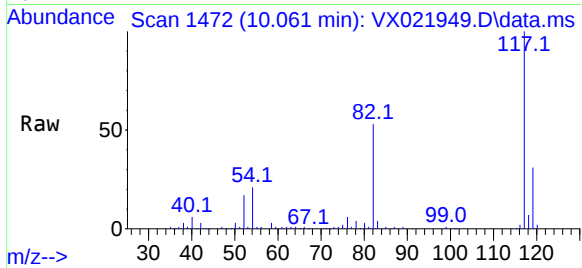




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

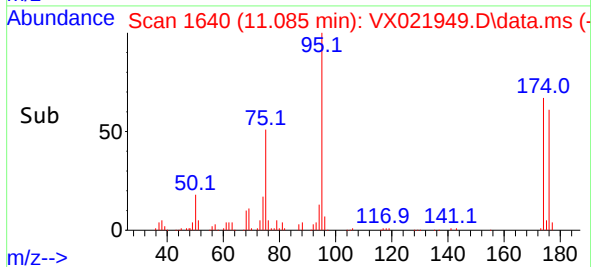
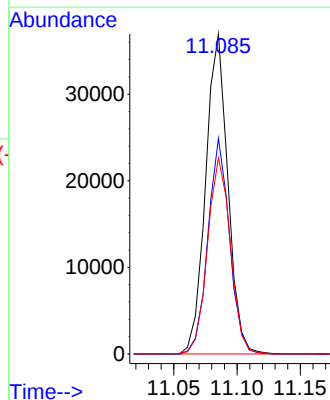
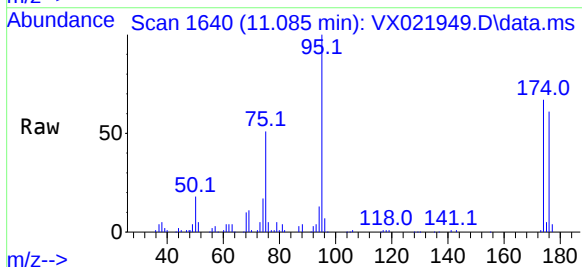
Instrument :
MSVOA_X
ClientSampled :
14B-3

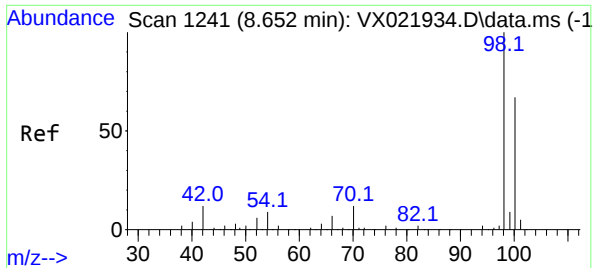
Tgt Ion:117 Resp: 94002
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 31.6 25.0 37.6



#60
4-Bromofluorobenzene
Concen: 28.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

Tgt Ion: 95 Resp: 45205
Ion Ratio Lower Upper
95 100
174 65.3 52.2 78.2
176 62.8 49.3 73.9





#63
Toluene-d8
Concen: 29.42 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021949.D
Acq: 13 May 2021 00:42

Instrument :
MSVOA_X
ClientSampleId :
14B-3

Tgt Ion: 98 Resp: 126386
Ion Ratio Lower Upper
98 100
100 67.5 52.6 78.8

