

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051524\
 Data File : VX041544.D
 Acq On : 15 May 2024 17:06
 Operator : JC/MD
 Sample : P2479-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240502002-05-TRIP-BLANK

Quant Time: May 16 05:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

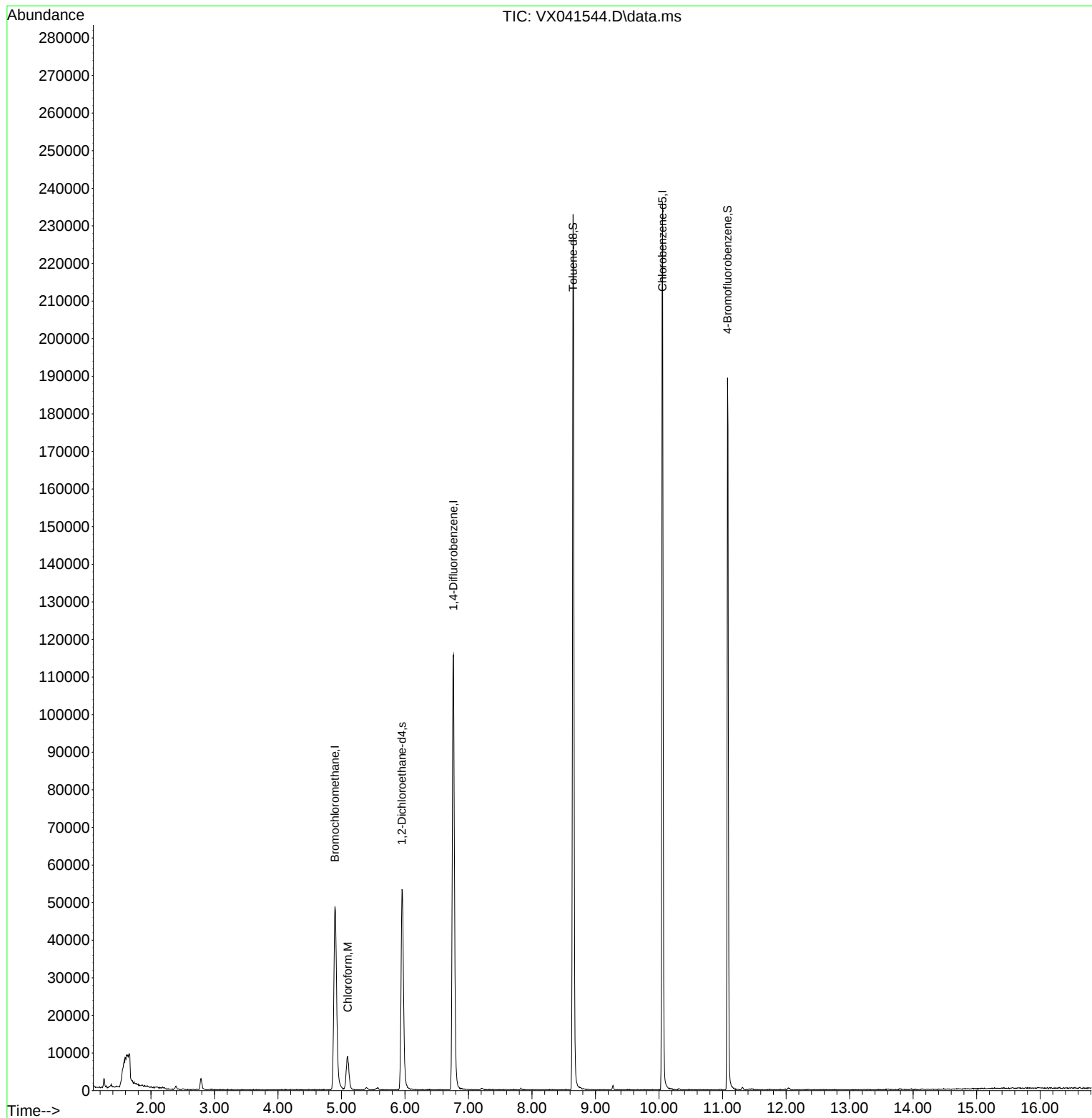
Internal Standards						
1) Bromochloromethane	4.897	128	23059	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	123924	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	110627	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	52388	28.850	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.167%
60) 4-Bromofluorobenzene	11.079	95	47069	27.255	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.867%
63) Toluene-d8	8.647	98	141574	29.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.500%
Target Compounds						
25) Chloroform	5.099	83	10952	4.164	ug/l	Qvalue 98

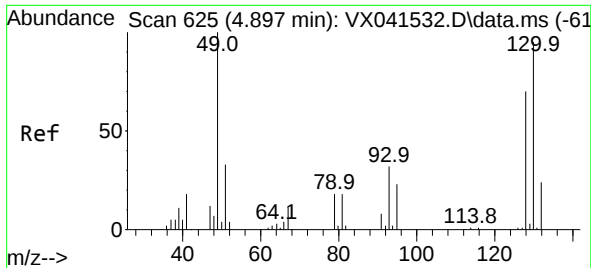
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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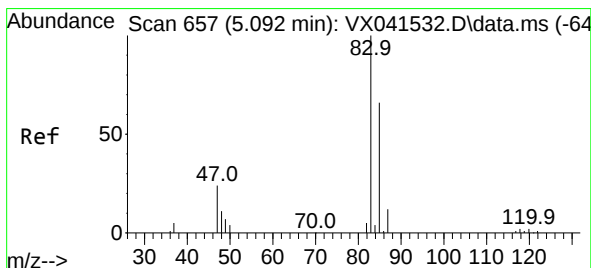
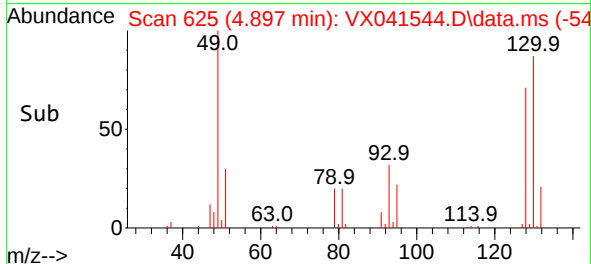
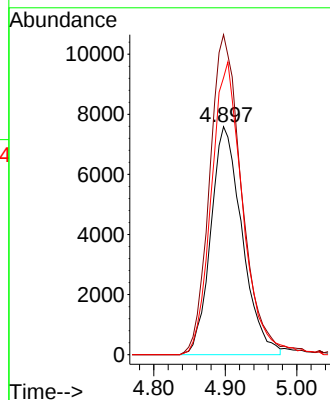
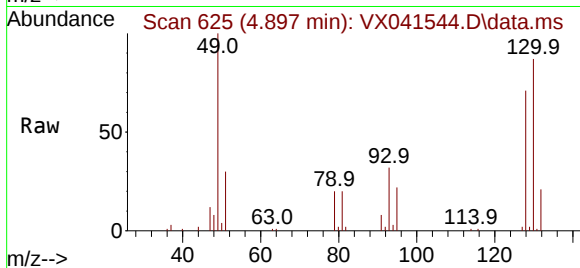




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041544.D
Acq: 15 May 2024 17:06

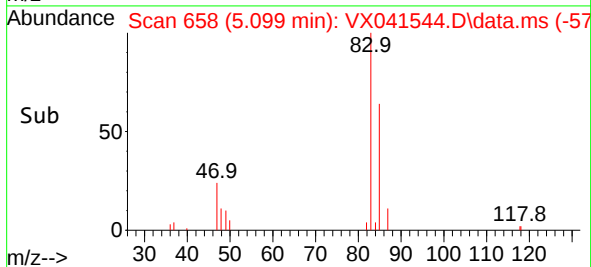
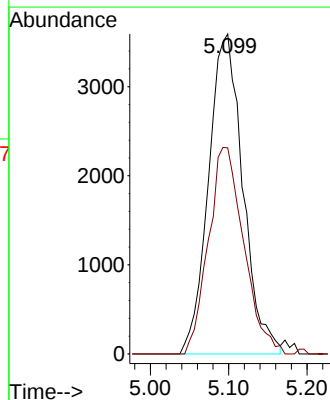
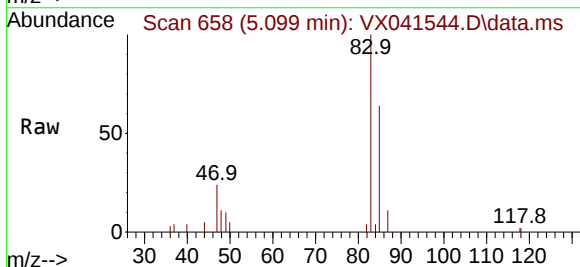
Instrument :
MSVOA_X
ClientSampleId :
240502002-05-TRIP-BLANK

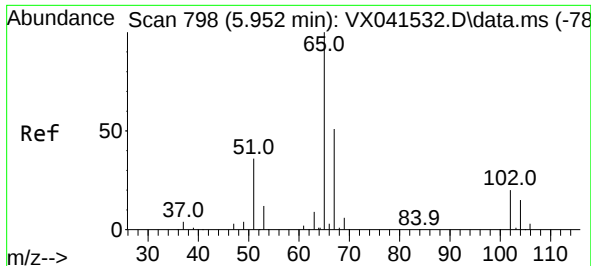
Tgt Ion:	128	Resp:	23059
Ion	Ratio	Lower	Upper
128	100		
49	145.4	0.0	361.5
130	128.9	0.0	324.3



#25
Chloroform
Concen: 4.164 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041544.D
Acq: 15 May 2024 17:06

Tgt Ion:	83	Resp:	10952
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.9	79.3

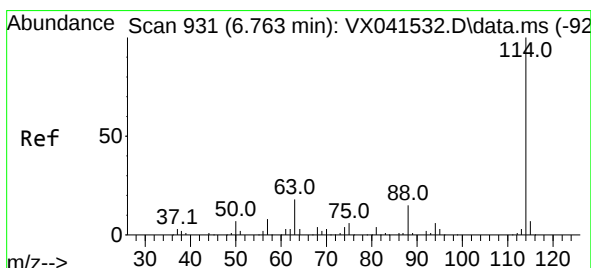
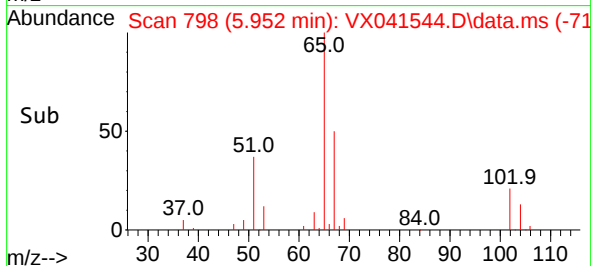
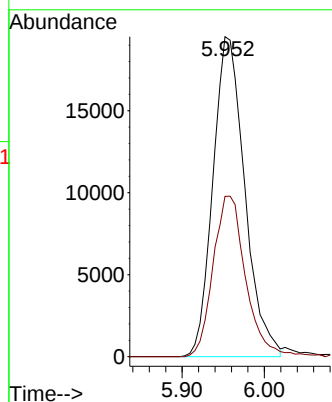
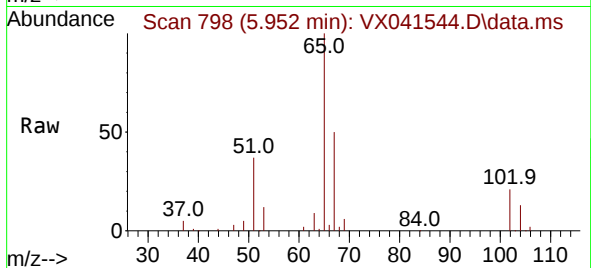




#27
1,2-Dichloroethane-d4
Concen: 28.850 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041544.D
Acq: 15 May 2024 17:06

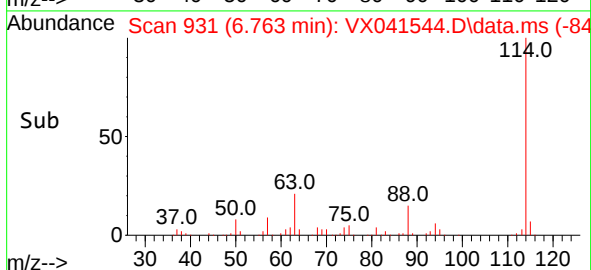
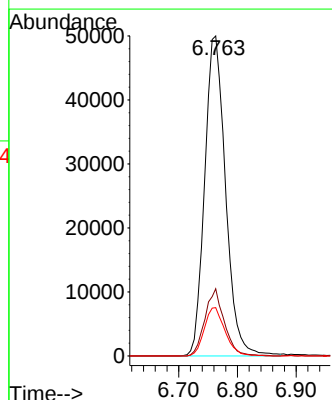
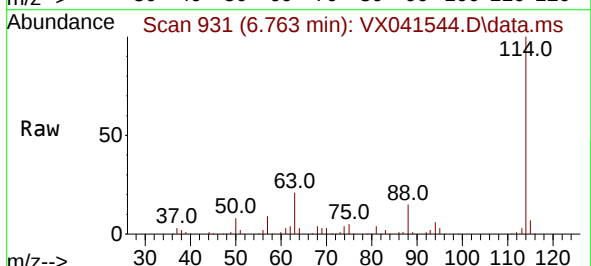
Instrument :
MSVOA_X
ClientSampleId :
240502002-05-TRIP-BLANK

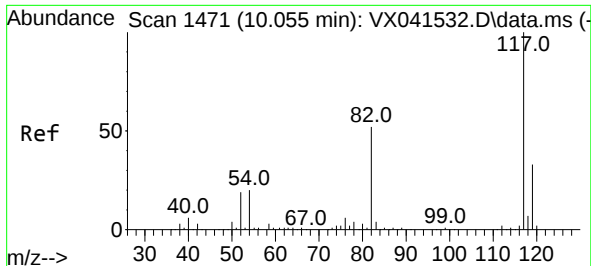
Tgt Ion: 65 Resp: 52388
Ion Ratio Lower Upper
65 100
67 51.1 40.8 61.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX041544.D
Acq: 15 May 2024 17:06

Tgt Ion: 114 Resp: 123924
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 15.0 12.2 18.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041544.D

Acq: 15 May 2024 17:06

Instrument :

MSVOA_X

ClientSampleId :

240502002-05-TRIP-BLANK

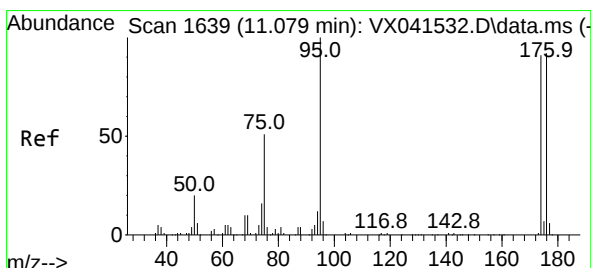
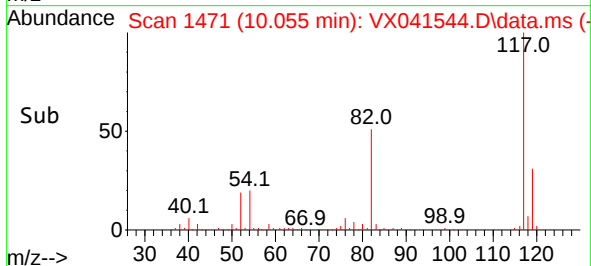
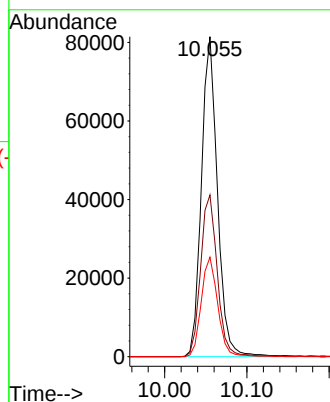
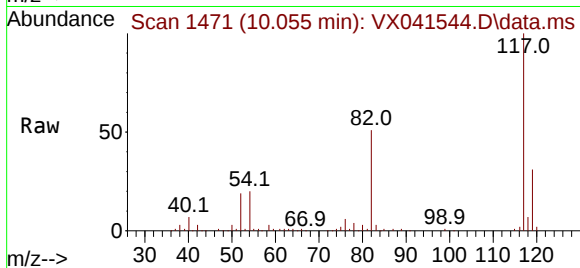
Tgt Ion:117 Resp: 110627

Ion Ratio Lower Upper

117 100

82 52.5 41.7 62.5

119 31.9 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 27.255 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041544.D

Acq: 15 May 2024 17:06

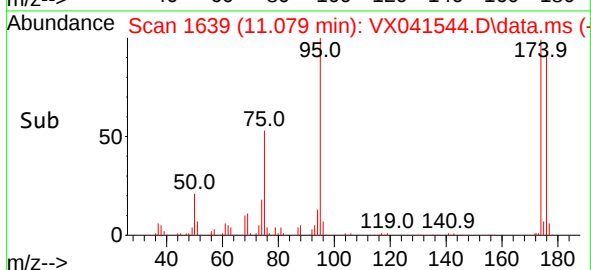
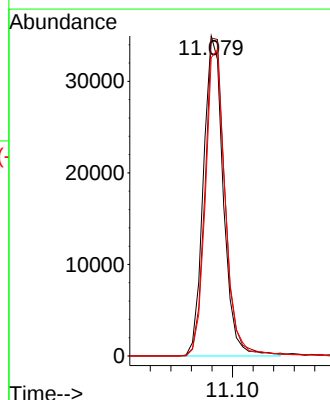
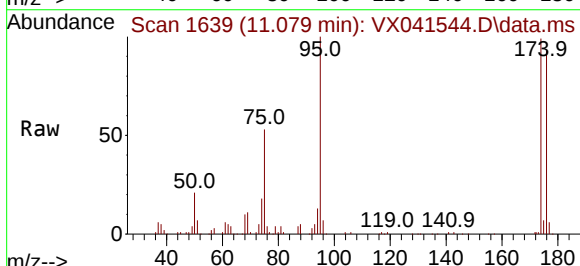
Tgt Ion: 95 Resp: 47069

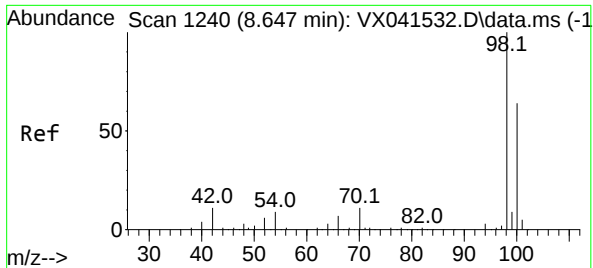
Ion Ratio Lower Upper

95 100

174 99.8 76.6 115.0

176 94.2 75.4 113.0





#63
 Toluene-d8
 Concen: 29.855 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041544.D
 Acq: 15 May 2024 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 240502002-05-TRIP-BLANK

Tgt Ion: 98 Resp: 141574
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7

