

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036058.D
 Acq On : 07 Jun 2023 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 08 07:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

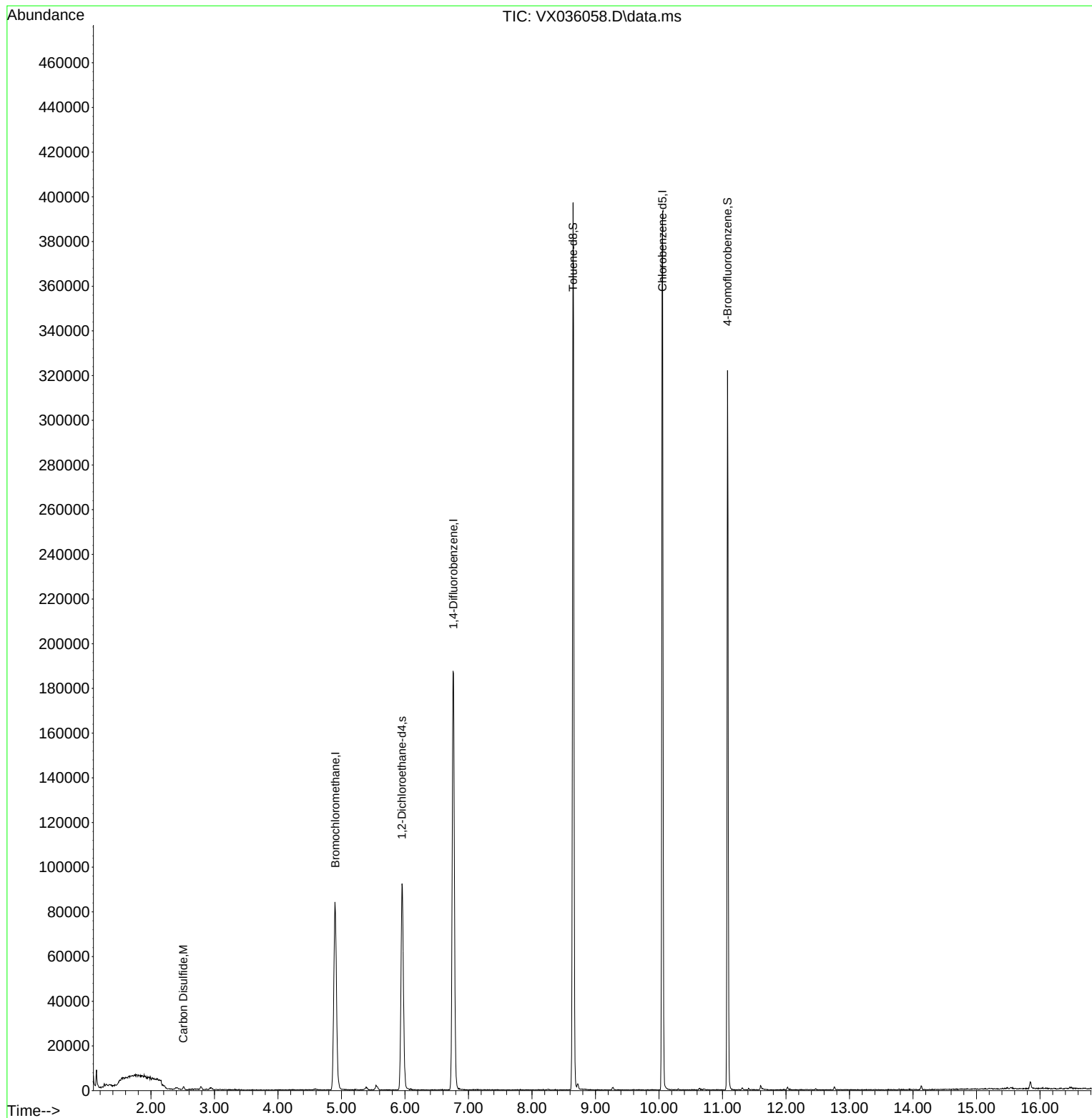
Internal Standards						
1) Bromochloromethane	4.904	128	32890	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	183113	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	172100	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	93292	34.138	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.800%#
60) 4-Bromofluorobenzene	11.079	95	86439	29.932	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.767%
63) Toluene-d8	8.647	98	221885	29.164	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.200%
Target Compounds						
16) Carbon Disulfide	2.508	76	1857	0.519	ug/l #	Qvalue 91

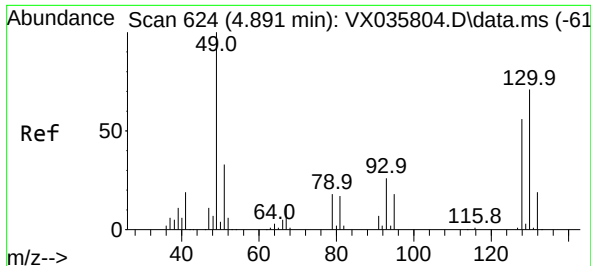
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.013 min

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MSVOA_X

ClientSampleId :

IBLK

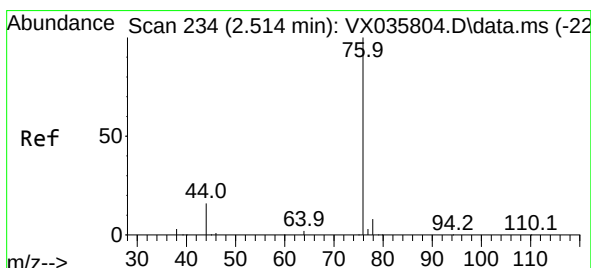
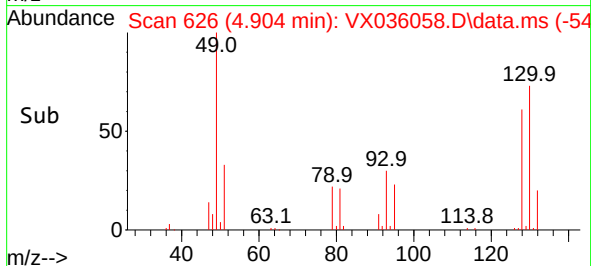
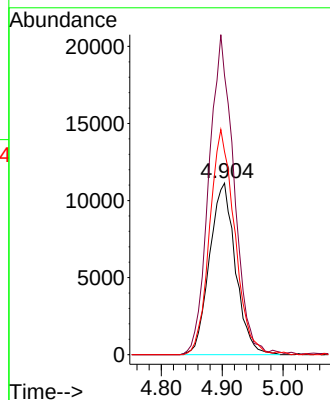
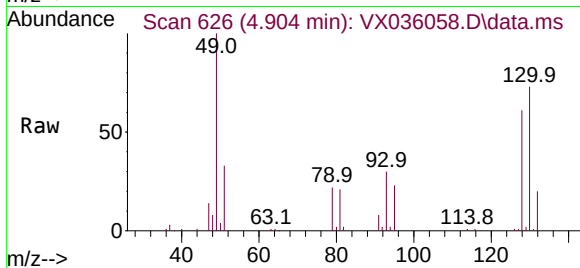
Tgt Ion:128 Resp: 32890

Ion Ratio Lower Upper

128 100

49 178.5 0.0 428.8

130 127.3 0.0 310.8



#16

Carbon Disulfide

Concen: 0.519 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX036058.D

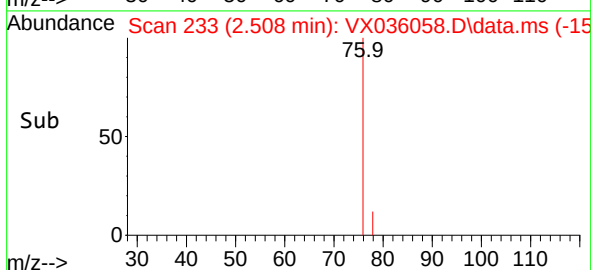
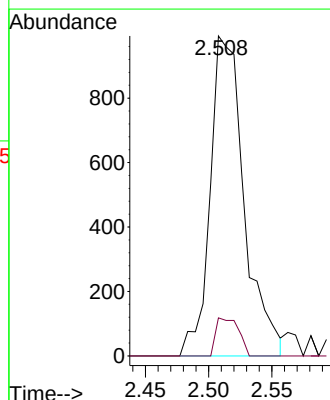
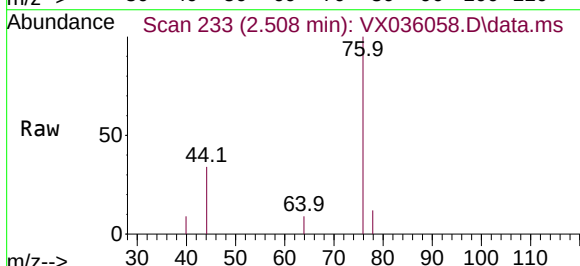
Acq: 07 Jun 2023 14:16

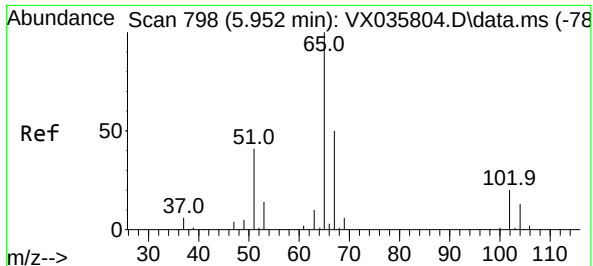
Tgt Ion: 76 Resp: 1857

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.6#





#27

1,2-Dichloroethane-d4

Concen: 34.138 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036058.D

Acq: 07 Jun 2023 14:16

Instrument :

MSVOA_X

ClientSampleId :

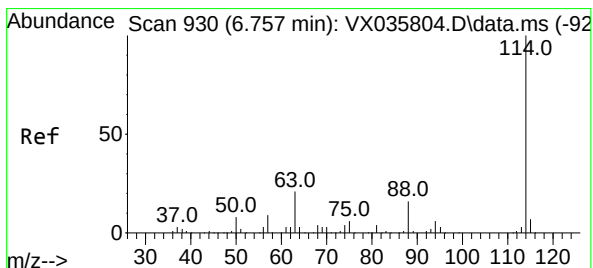
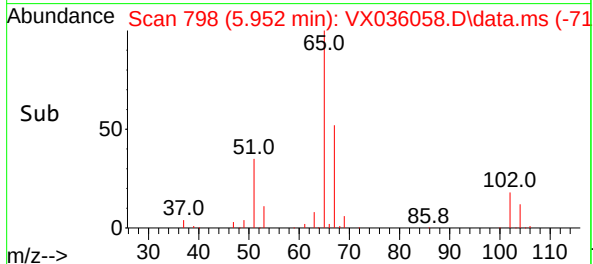
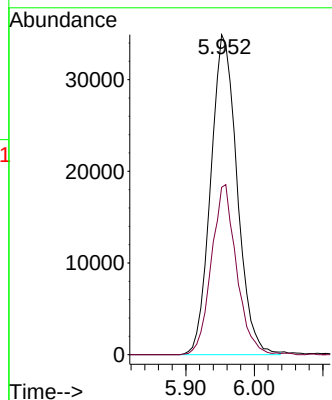
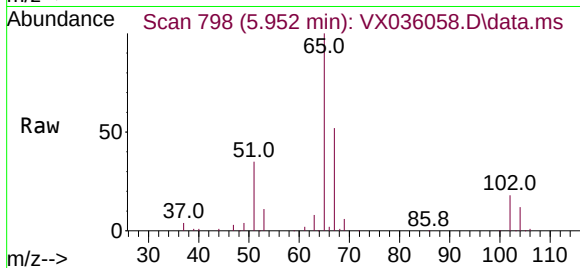
IBLK

Tgt Ion: 65 Resp: 93292

Ion Ratio Lower Upper

65 100

67 50.4 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036058.D

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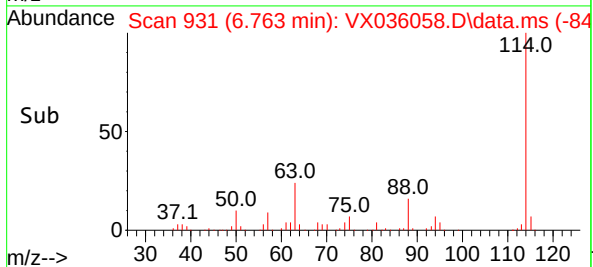
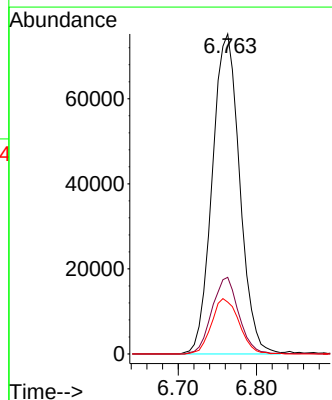
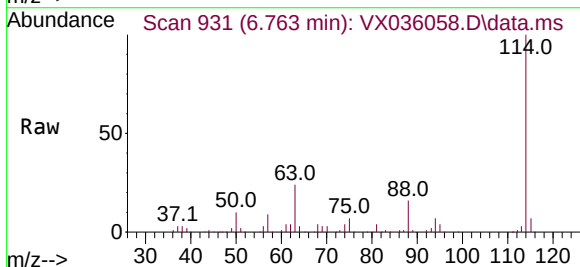
Tgt Ion: 114 Resp: 183113

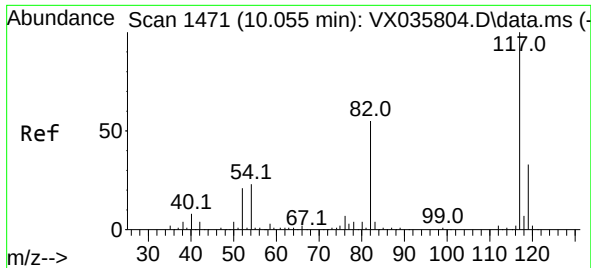
Ion Ratio Lower Upper

114 100

63 23.4 18.0 27.0

88 17.3 13.3 19.9

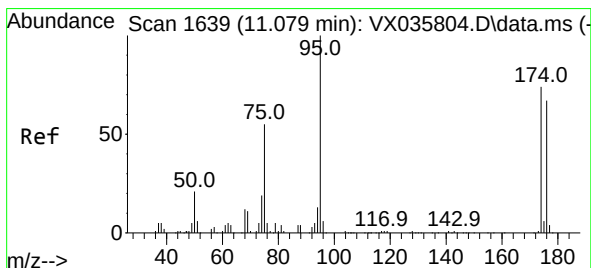
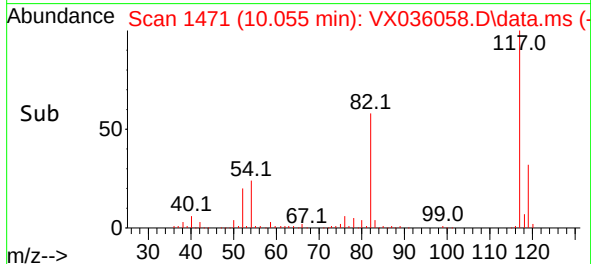
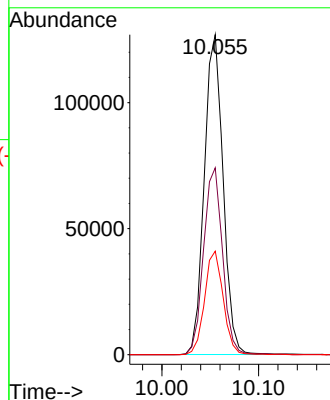
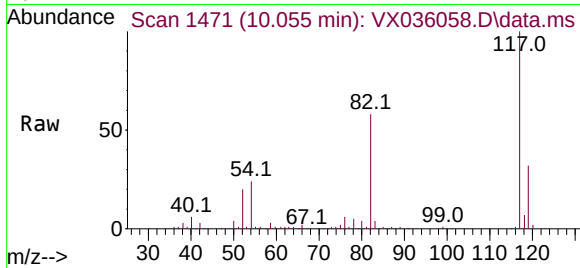




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036058.D
Acq: 07 Jun 2023 14:16

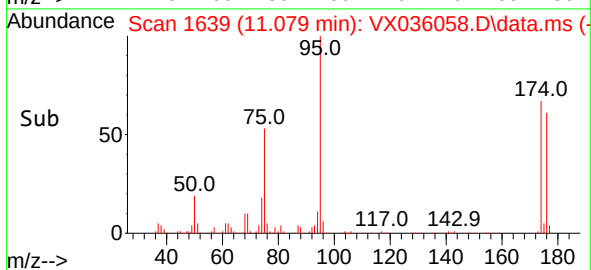
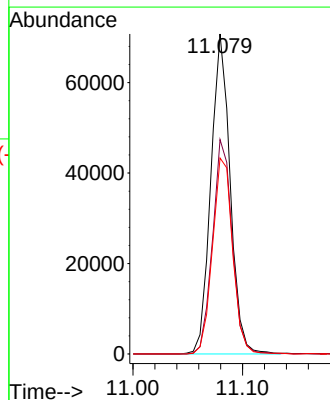
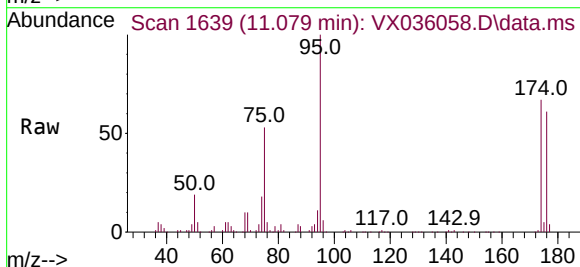
Instrument :
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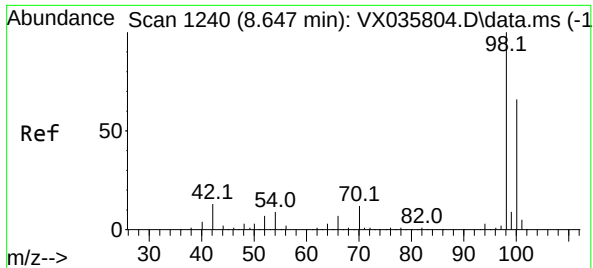
Tgt Ion:117 Resp: 172100
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.8
119 32.1 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 29.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036058.D
Acq: 07 Jun 2023 14:16

Tgt Ion: 95 Resp: 86439
Ion Ratio Lower Upper
95 100
174 68.1 0.2 0.4#
176 63.9 0.2 0.2#





#63
 Toluene-d8
 Concen: 29.164 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036058.D
 Acq: 07 Jun 2023 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 98 Resp: 221885
 Ion Ratio Lower Upper
 98 100
 100 67.7 52.1 78.1

