

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042076.D
 Acq On : 27 Jun 2024 15:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 28 04:05:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

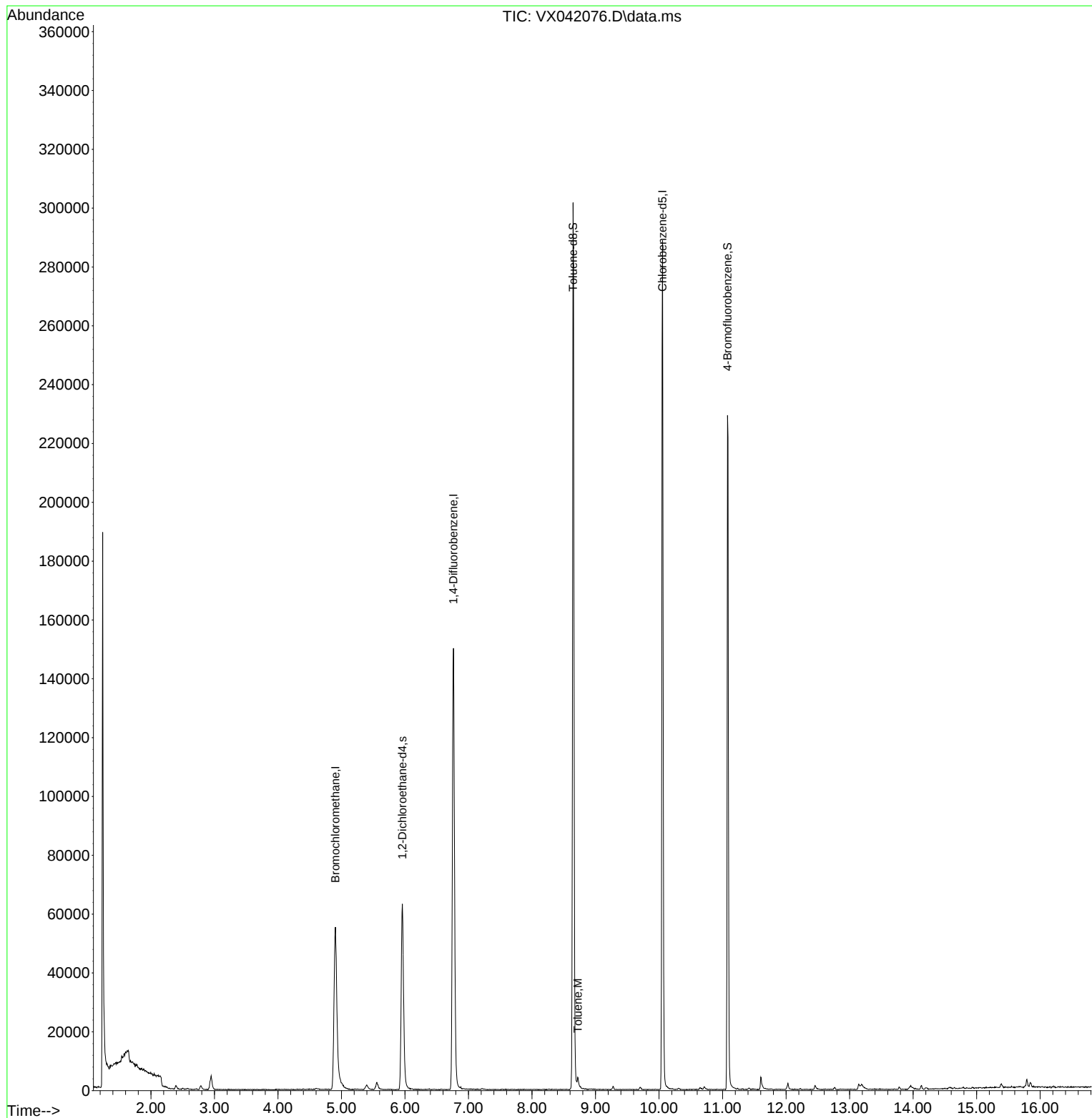
Internal Standards						
1) Bromochloromethane	4.904	128	29880	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	169041	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148682	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	58691	28.534	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.100%
60) 4-Bromofluorobenzene	11.079	95	62747	27.264	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.867%
63) Toluene-d8	8.647	98	190484	29.945	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.800%
Target Compounds						
62) Toluene	8.720	91	2624	0.349	ug/l	Qvalue 99

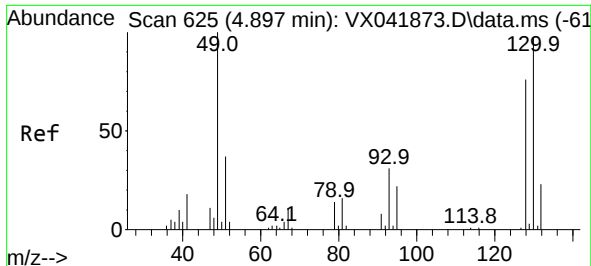
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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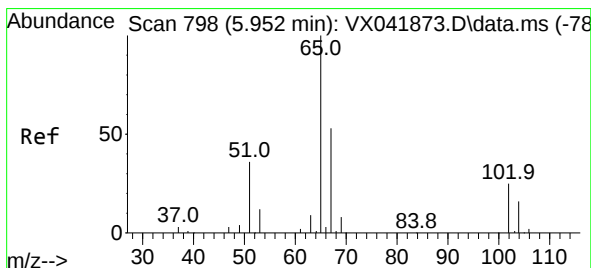
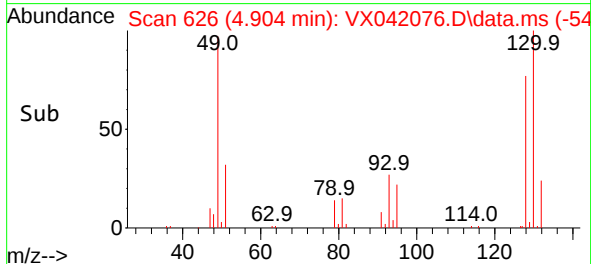
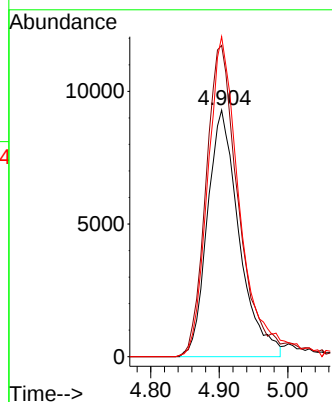
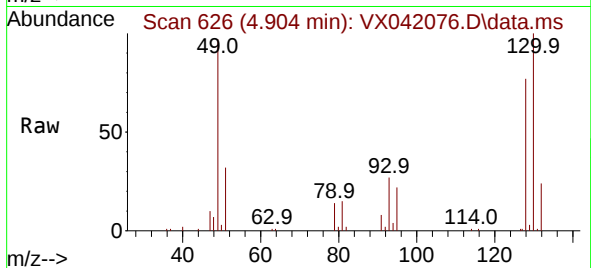




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

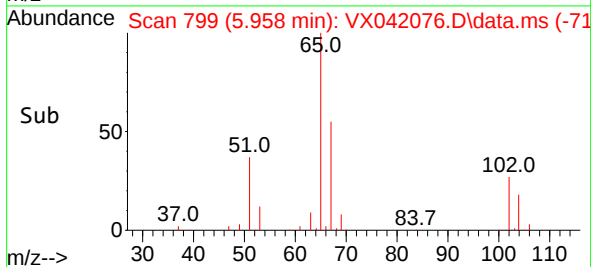
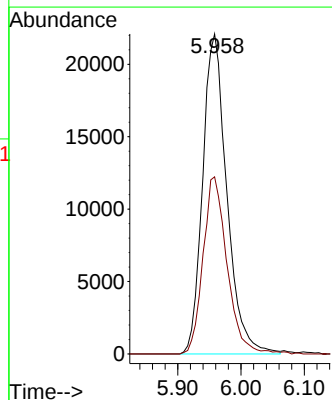
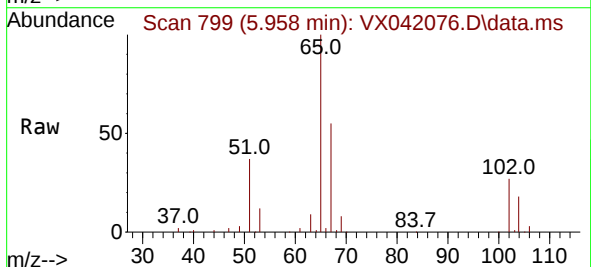
Instrument :
MSVOA_X
ClientSampleId :
IBLK

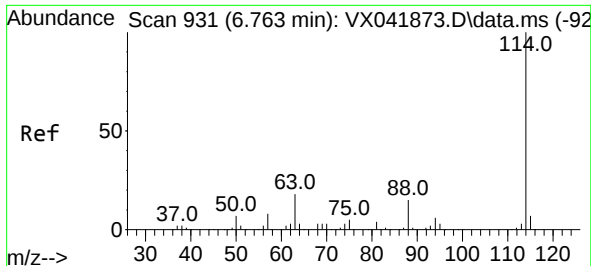
Tgt Ion:128 Resp: 29880
Ion Ratio Lower Upper
128 100
49 126.3 0.0 338.5
130 130.3 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 28.534 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

Tgt Ion: 65 Resp: 58691
Ion Ratio Lower Upper
65 100
67 54.4 43.4 65.0

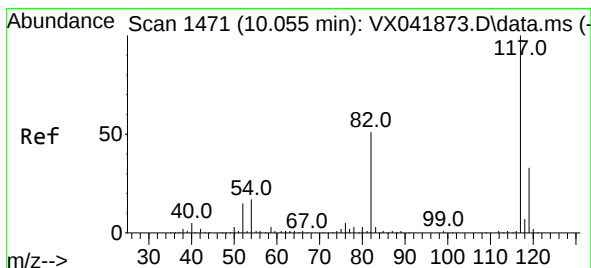
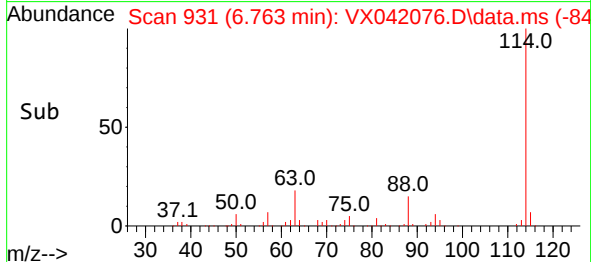
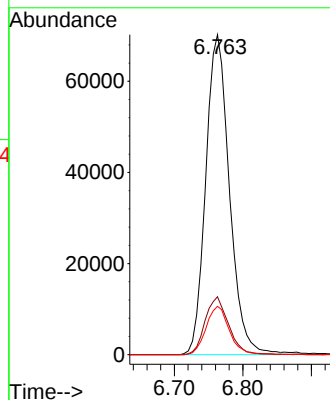
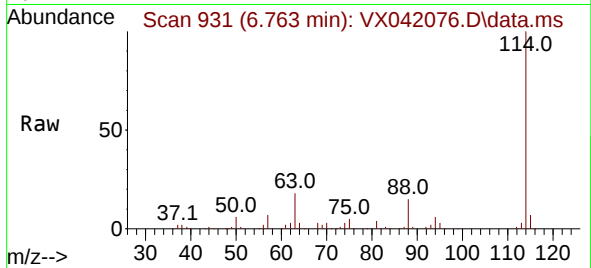




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

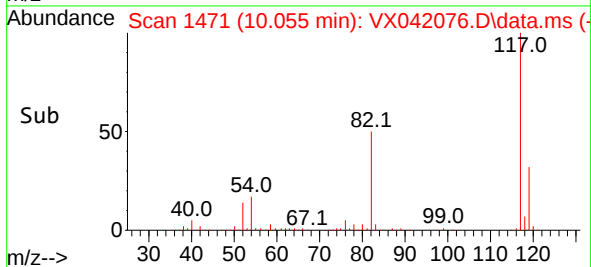
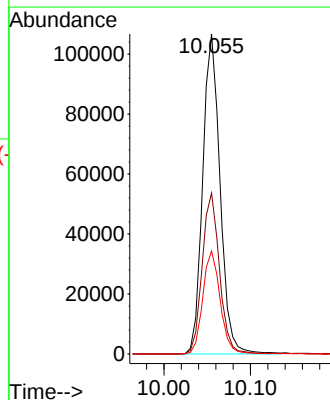
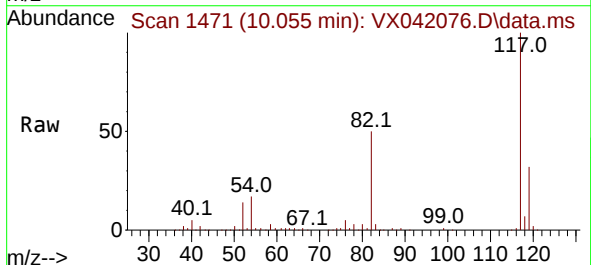
Instrument :
MSVOA_X
ClientSampleId :
IBLK

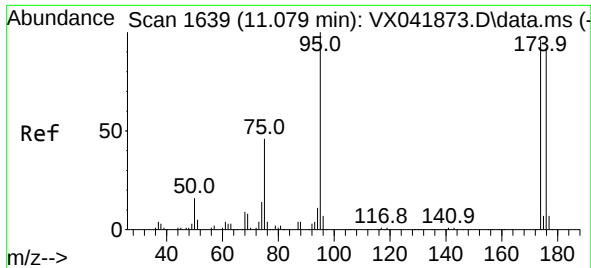
Tgt Ion:114 Resp: 169041
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 14.9 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

Tgt Ion:117 Resp: 148682
Ion Ratio Lower Upper
117 100
82 50.0 41.1 61.7
119 32.2 26.1 39.1

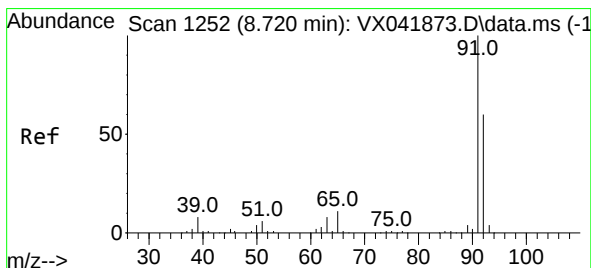
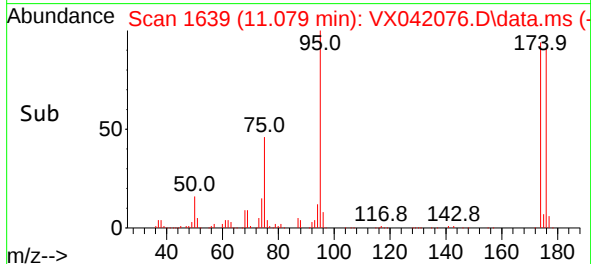
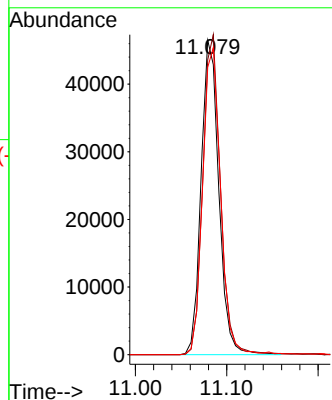
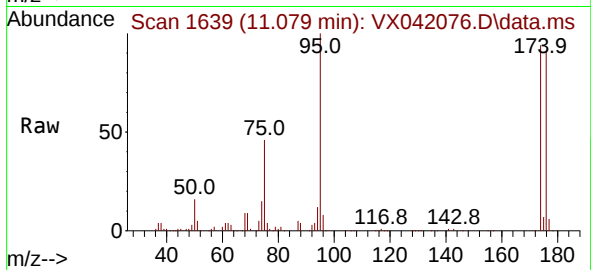




#60
4-Bromofluorobenzene
Concen: 27.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

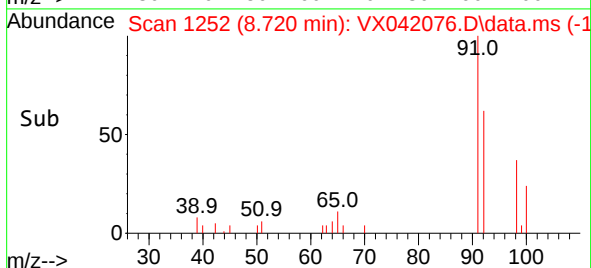
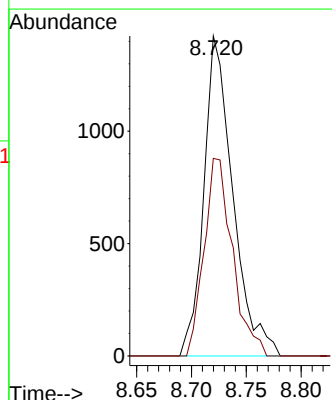
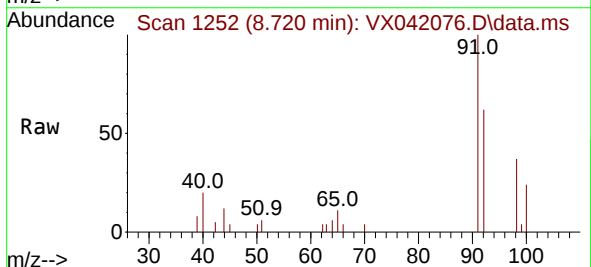
Instrument :
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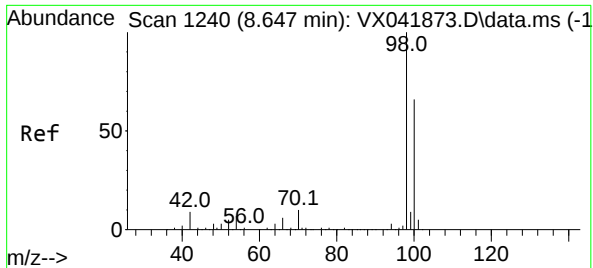
Tgt Ion: 95 Resp: 62747
Ion Ratio Lower Upper
95 100
174 100.3 78.9 118.3
176 98.2 77.1 115.7



#62
Toluene
Concen: 0.349 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

Tgt Ion: 91 Resp: 2624
Ion Ratio Lower Upper
91 100
92 60.3 47.4 71.2





#63
Toluene-d8
Concen: 29.945 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042076.D
Acq: 27 Jun 2024 15:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 190484
Ion Ratio Lower Upper
98 100
100 66.7 52.7 79.1

