

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077618.D
 Acq On : 08 May 2023 15:44
 Operator : JC\MD
 Sample : 02642-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-053-IDWGW-20230504

Quant Time: May 09 06:03:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

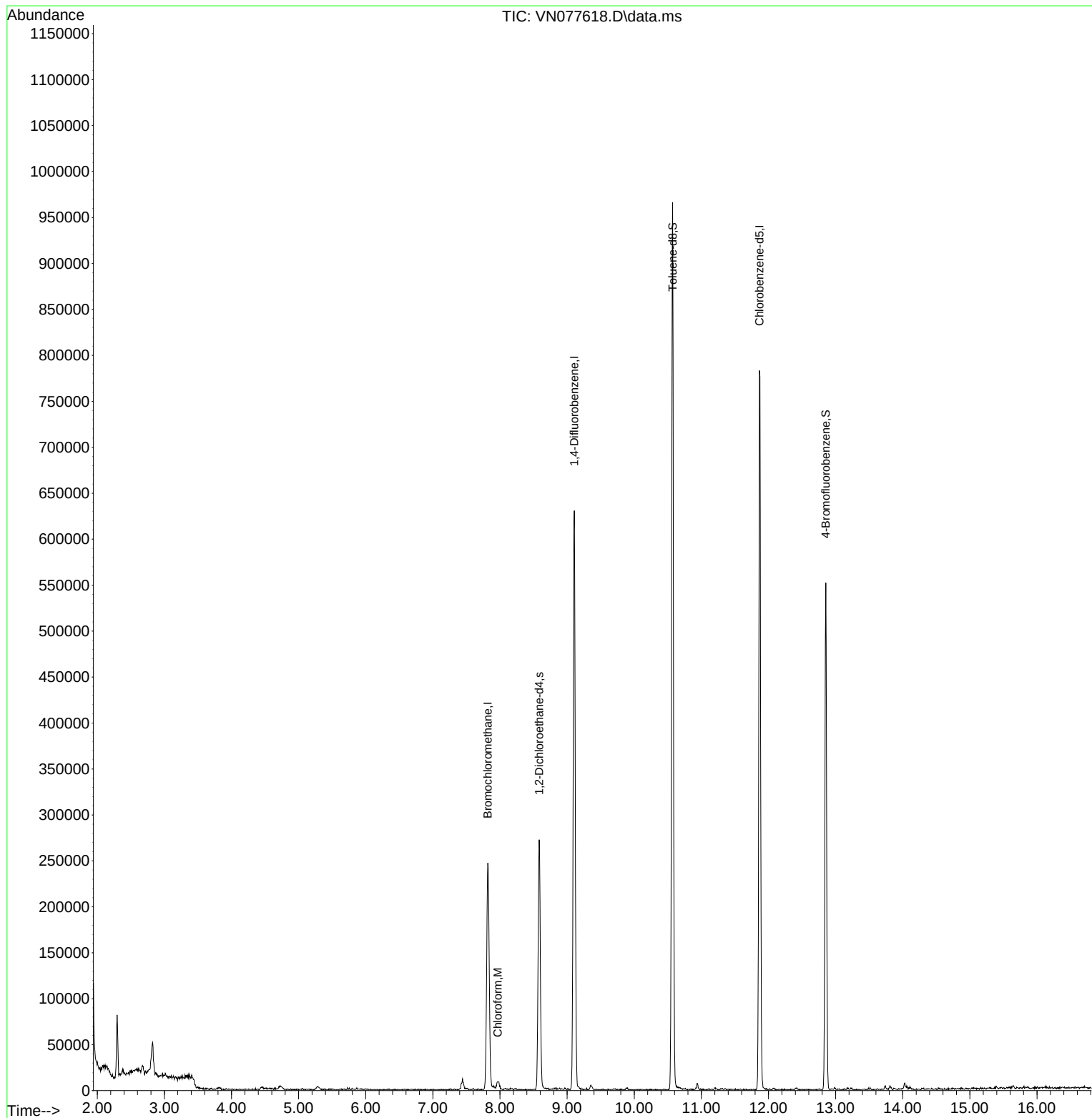
Internal Standards						
1) Bromochloromethane	7.819	128	98719	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	590143	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	492081	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	227807	32.089	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.967%
60) 4-Bromofluorobenzene	12.854	95	205893	26.314	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.700%
63) Toluene-d8	10.571	98	709709	31.227	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.100%
Target Compounds						
25) Chloroform	7.966	83	9099	0.784	ug/l	Qvalue # 81

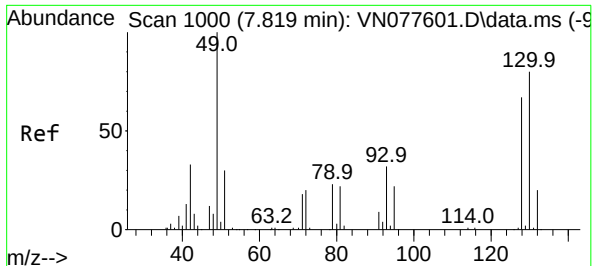
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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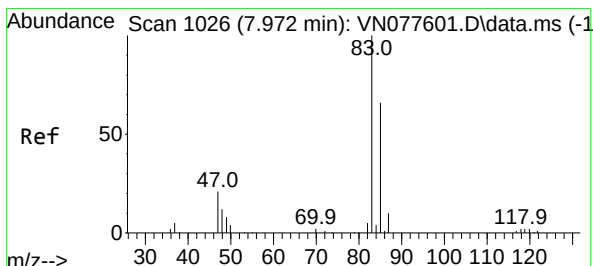
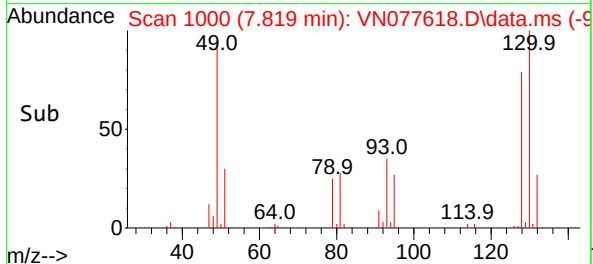
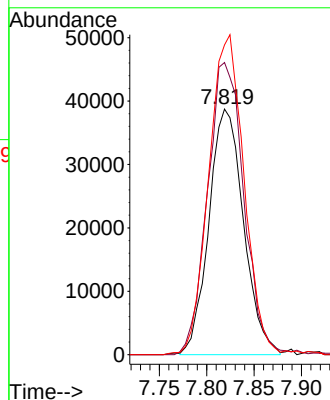
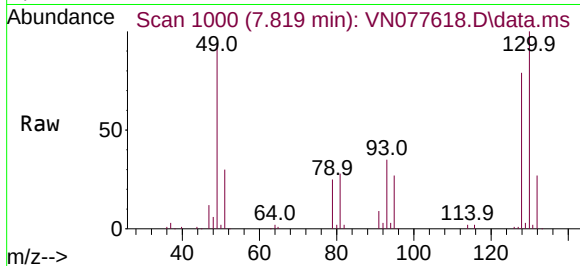




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077618.D
Acq: 08 May 2023 15:44

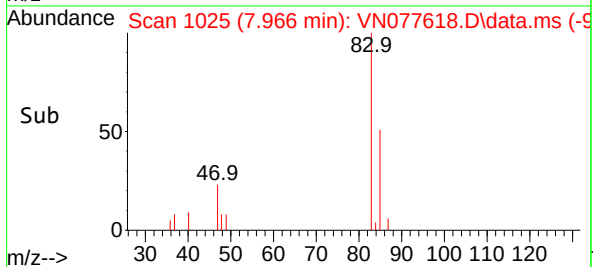
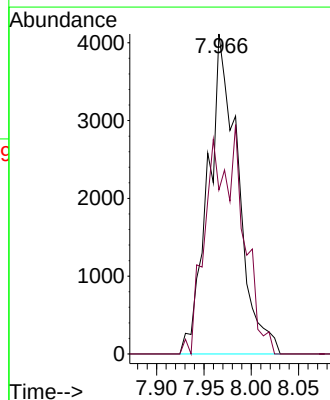
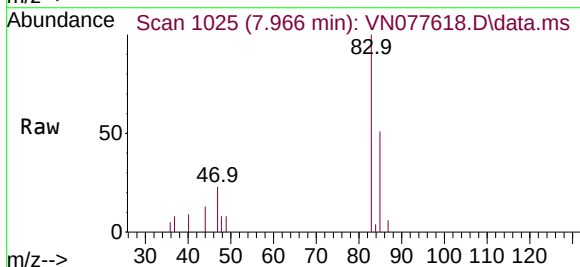
Instrument :
MSVOA_N
ClientSampleId :
TT-053-IDWGW-20230504

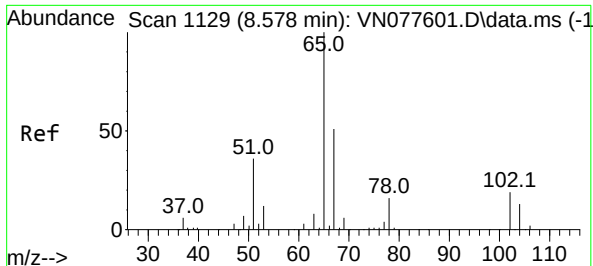
Tgt Ion:	128	Resp:	98719
Ion	Ratio	Lower	Upper
128	100		
49	124.6	0.0	369.8
130	130.2	0.0	317.8



#25
Chloroform
Concen: 0.784 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077618.D
Acq: 08 May 2023 15:44

Tgt Ion:	83	Resp:	9099
Ion	Ratio	Lower	Upper
83	100		
85	51.3	53.0	79.6#





#27

1,2-Dichloroethane-d4

Concen: 32.089 ug/l

RT: 8.583 min Scan# 1129

Delta R.T. 0.005 min

Lab File: VN077618.D

Acq: 08 May 2023 15:44

Instrument :

MSVOA_N

ClientSampleId :

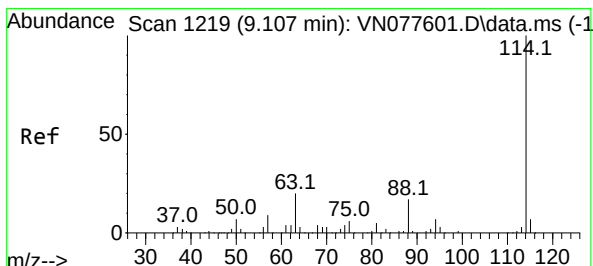
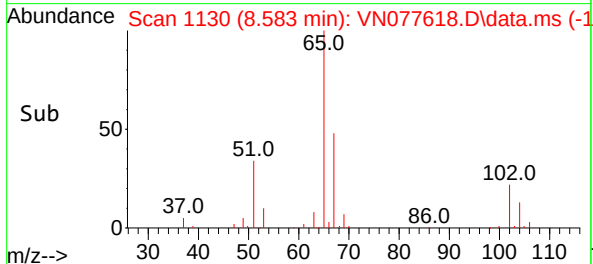
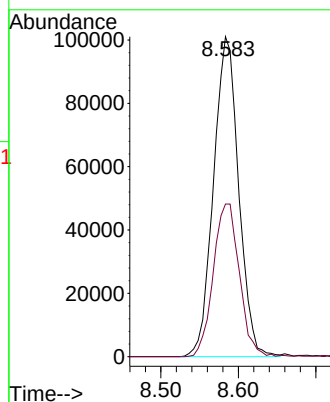
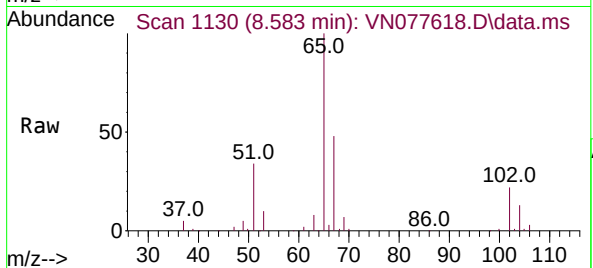
TT-053-IDWGW-20230504

Tgt Ion: 65 Resp: 227807

Ion Ratio Lower Upper

65 100

67 49.4 41.3 61.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077618.D

Acq: 08 May 2023 15:44

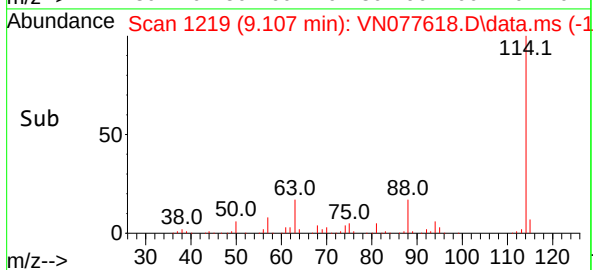
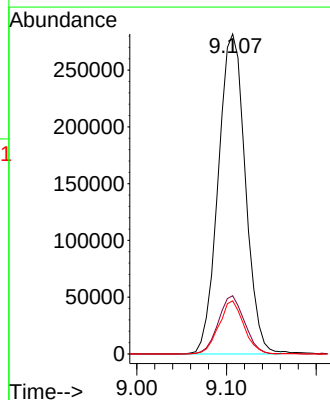
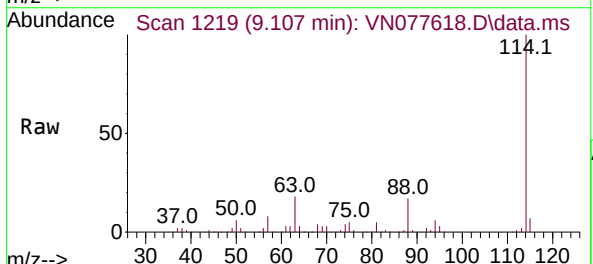
Tgt Ion: 114 Resp: 590143

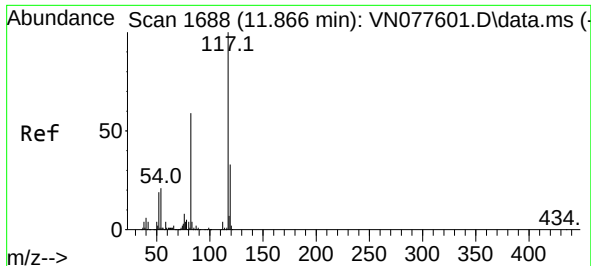
Ion Ratio Lower Upper

114 100

63 17.6 15.8 23.6

88 15.3 13.0 19.4

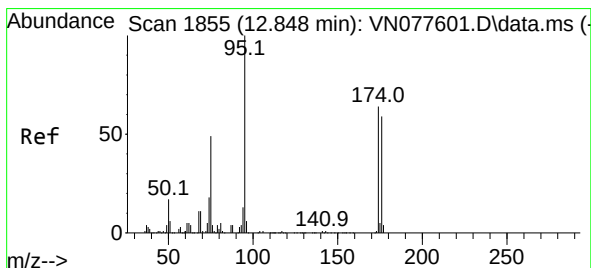
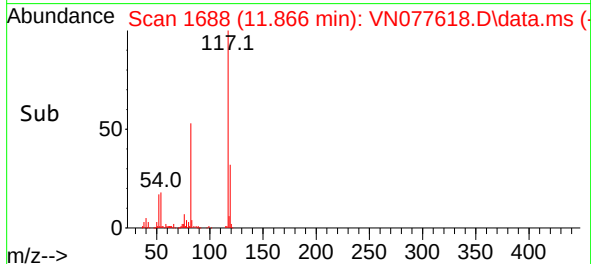
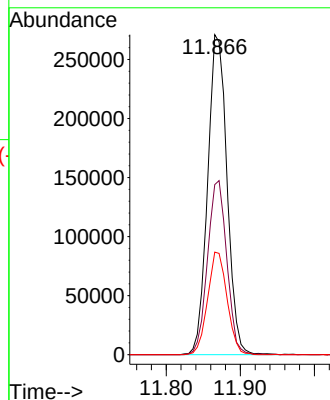
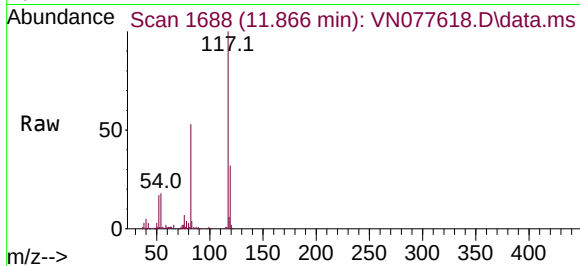




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077618.D
Acq: 08 May 2023 15:44

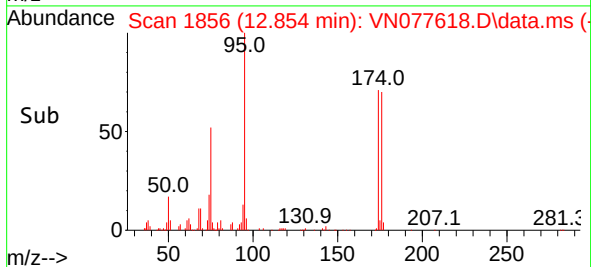
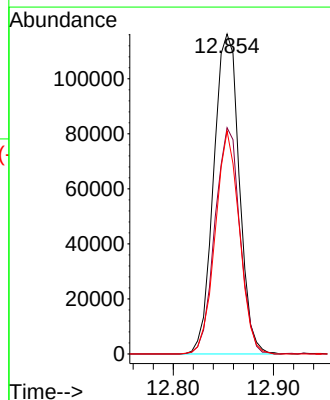
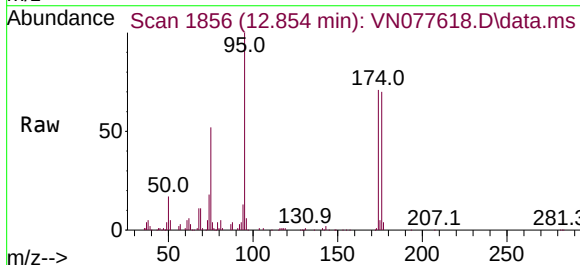
Instrument :
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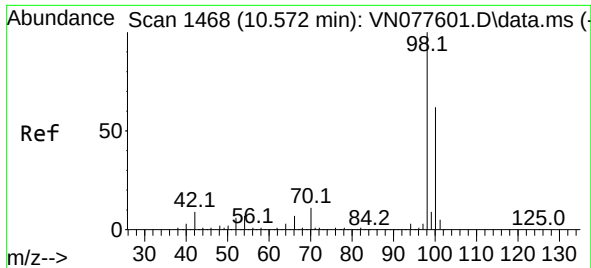
Tgt Ion:117 Resp: 492081
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.2 26.6 39.8



#60
4-Bromofluorobenzene
Concen: 26.314 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077618.D
Acq: 08 May 2023 15:44

Tgt Ion: 95 Resp: 205893
Ion Ratio Lower Upper
95 100
174 69.3 53.4 80.0
176 65.8 50.0 75.0





#63
Toluene-d8
Concen: 31.227 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.001 min
Lab File: VN077618.D
Acq: 08 May 2023 15:44

Instrument :
MSVOA_N
ClientSampleId :
TT-053-IDWGW-20230504

Tgt Ion: 98 Resp: 709709
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

