

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076897.D
 Acq On : 09 Mar 2023 12:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 10 01:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

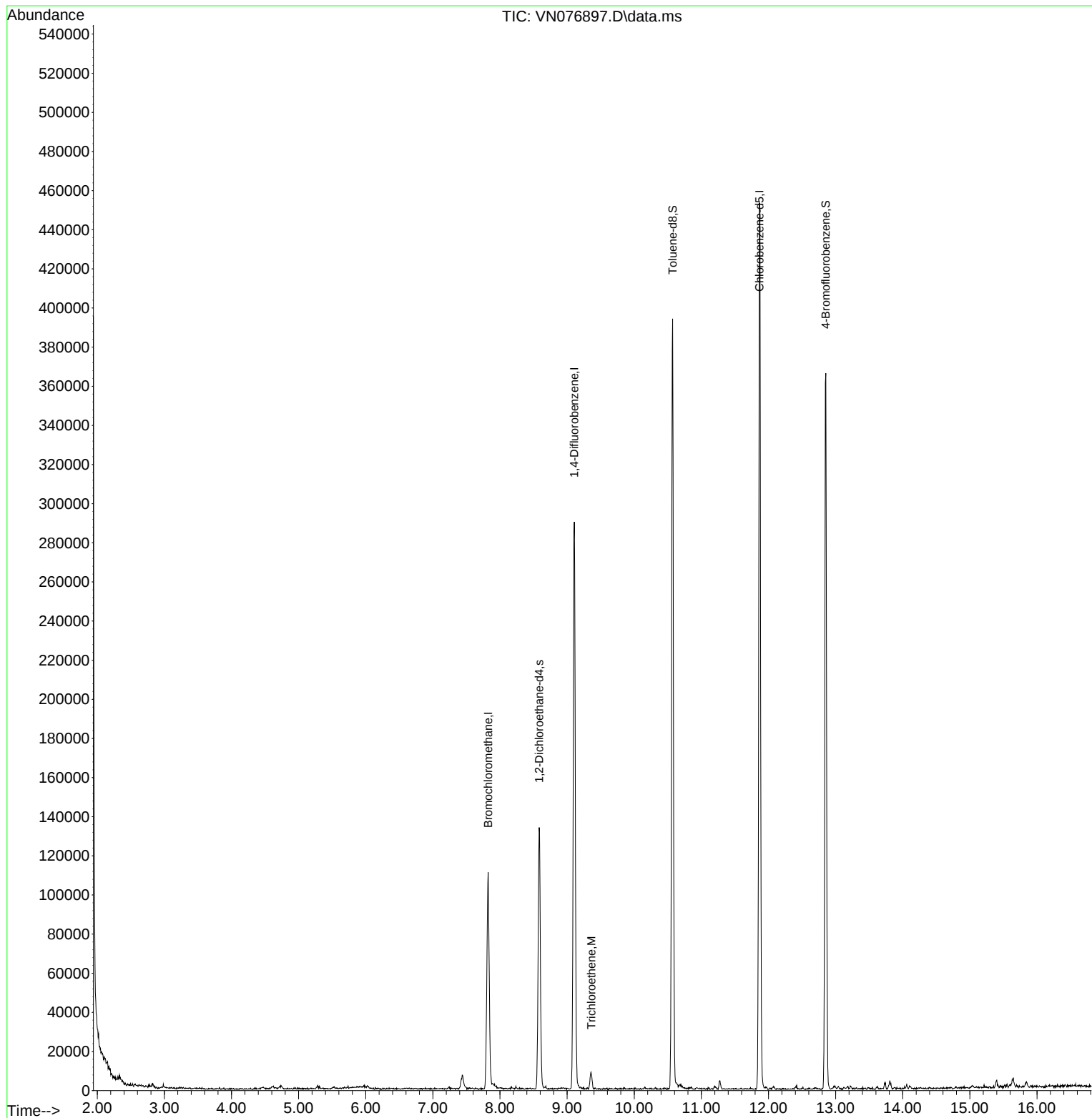
Internal Standards						
1) Bromochloromethane	7.825	128	39921	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	256117	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	272509	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	113035	30.805	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.700%
60) 4-Bromofluorobenzene	12.854	95	137275	26.616	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.733%
63) Toluene-d8	10.572	98	277693	28.972	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.567%
Target Compounds						
37) Trichloroethene	9.360	130	4190	0.919	ug/l #	Qvalue 78

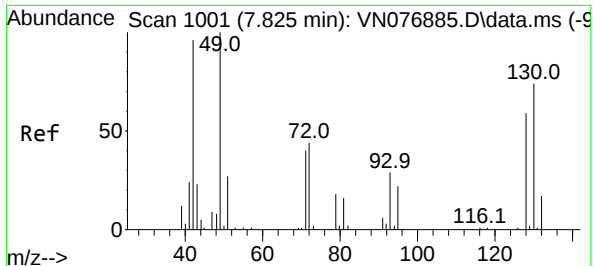
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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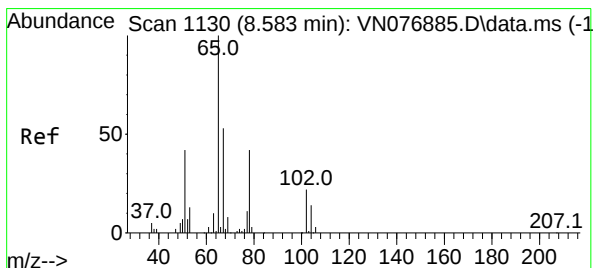
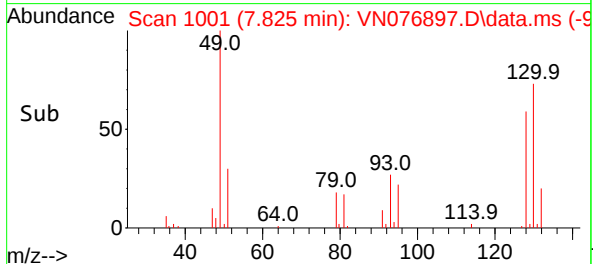
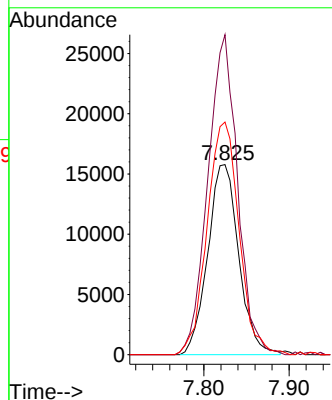
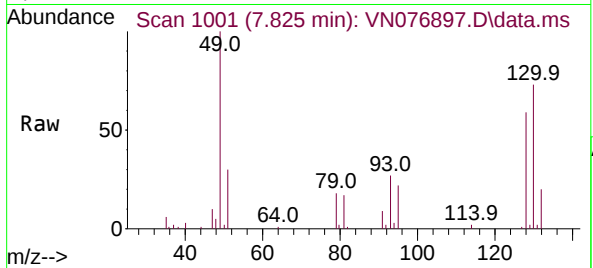




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN076897.D
Acq: 09 Mar 2023 12:51

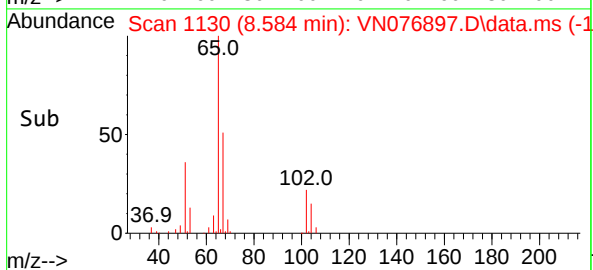
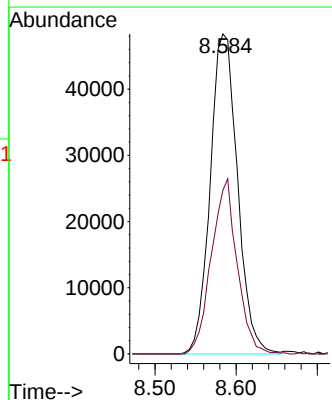
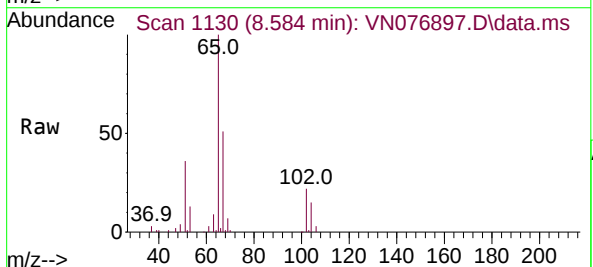
Instrument :
MSVOA_N
ClientSampleId :
IBLK

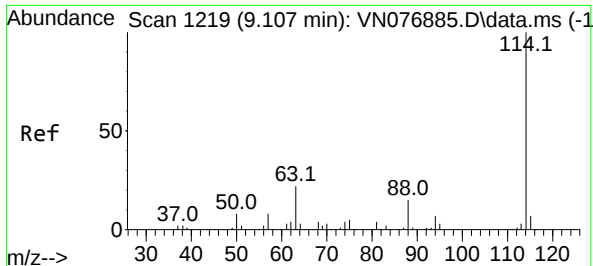
Tgt Ion:128 Resp: 39921
Ion Ratio Lower Upper
128 100
49 161.3 0.0 461.8
130 126.2 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 30.805 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076897.D
Acq: 09 Mar 2023 12:51

Tgt Ion: 65 Resp: 113035
Ion Ratio Lower Upper
65 100
67 51.6 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN076897.D

Acq: 09 Mar 2023 12:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

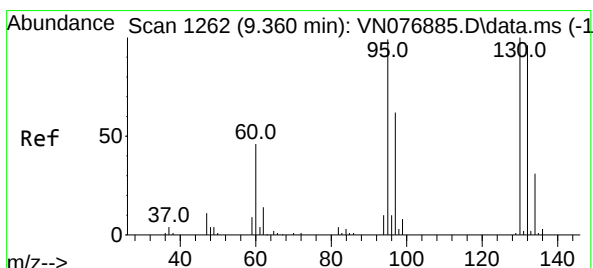
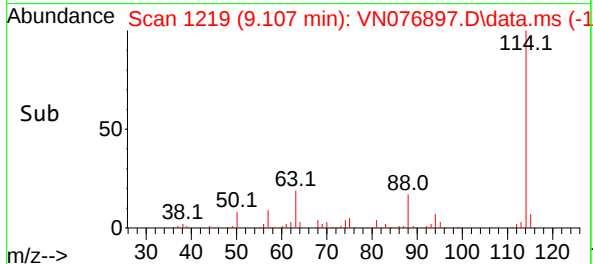
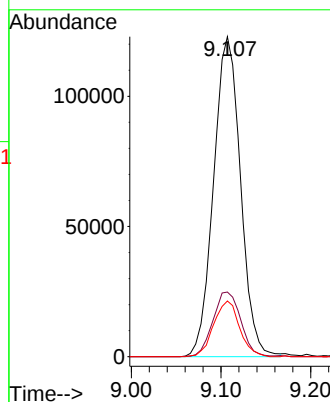
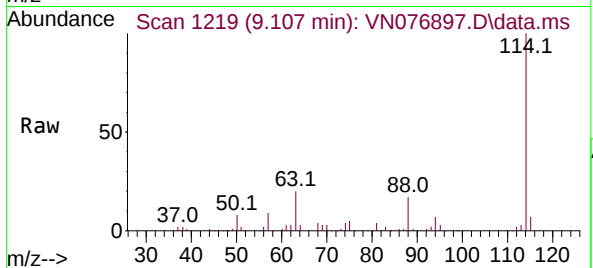
Tgt Ion:114 Resp: 256117

Ion Ratio Lower Upper

114 100

63 20.9 17.0 25.4

88 16.8 11.6 17.4



#37

Trichloroethene

Concen: 0.919 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN076897.D

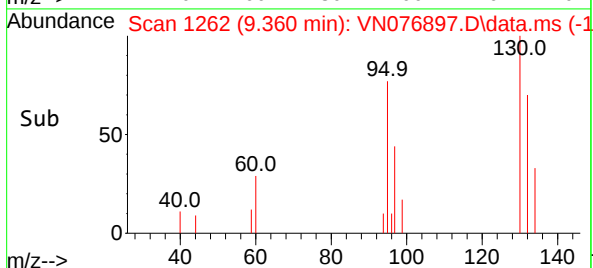
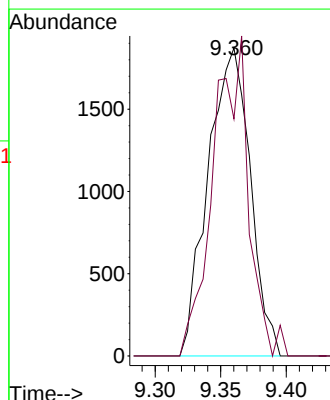
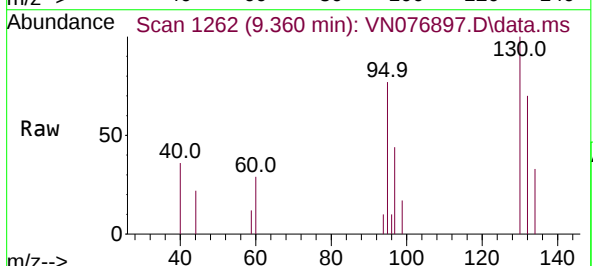
Acq: 09 Mar 2023 12:51

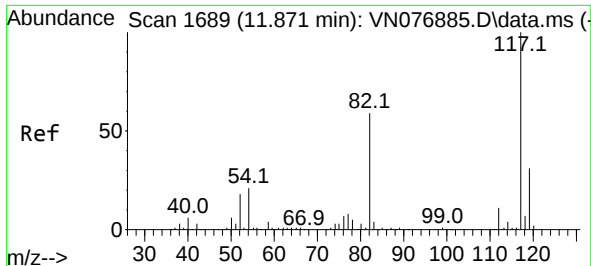
Tgt Ion:130 Resp: 4190

Ion Ratio Lower Upper

130 100

95 77.0 78.7 118.1#

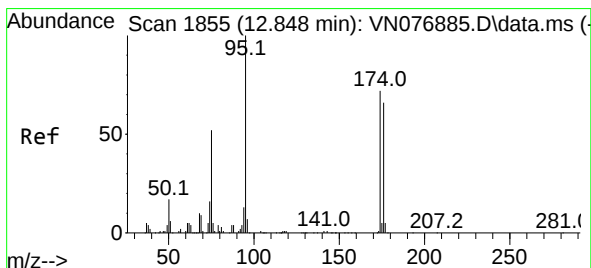
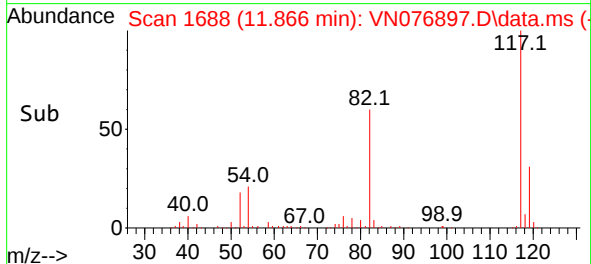
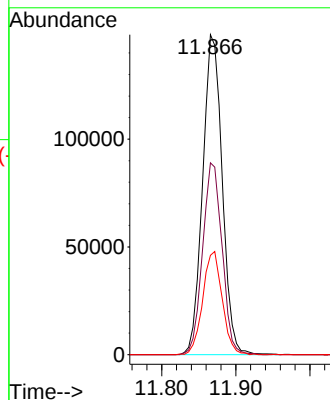
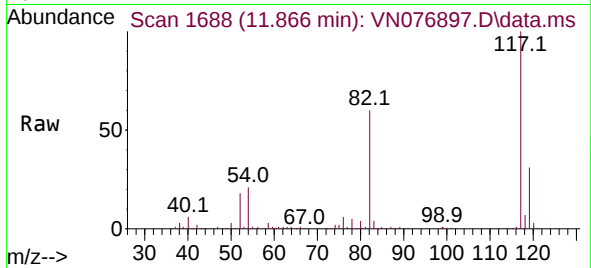




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076897.D
Acq: 09 Mar 2023 12:51

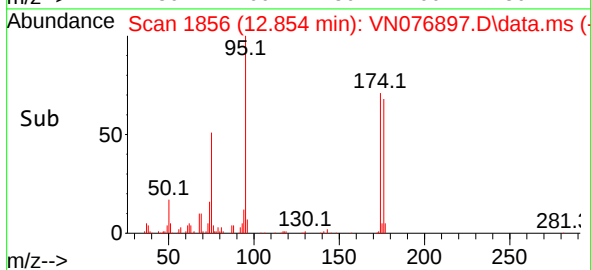
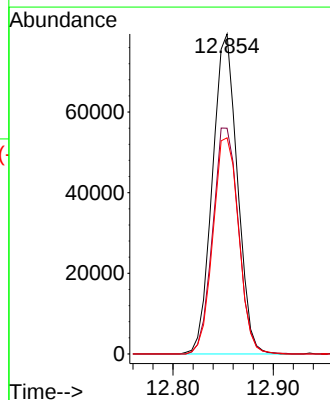
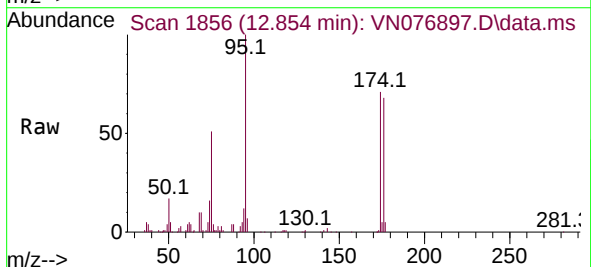
Instrument :
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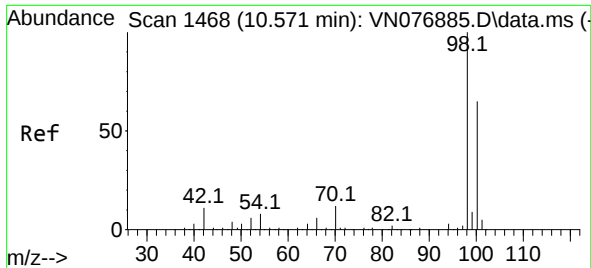
Tgt Ion:117 Resp: 272509
Ion Ratio Lower Upper
117 100
82 59.7 45.4 68.0
119 32.0 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 26.616 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076897.D
Acq: 09 Mar 2023 12:51

Tgt Ion: 95 Resp: 137275
Ion Ratio Lower Upper
95 100
174 72.9 64.2 96.4
176 69.7 61.4 92.0





#63
Toluene-d8
Concen: 28.972 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076897.D
Acq: 09 Mar 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 277693
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6

