

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076691.D
 Acq On : 15 Feb 2023 17:40
 Operator : JC\MD
 Sample : 01535-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Feb 16 04:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

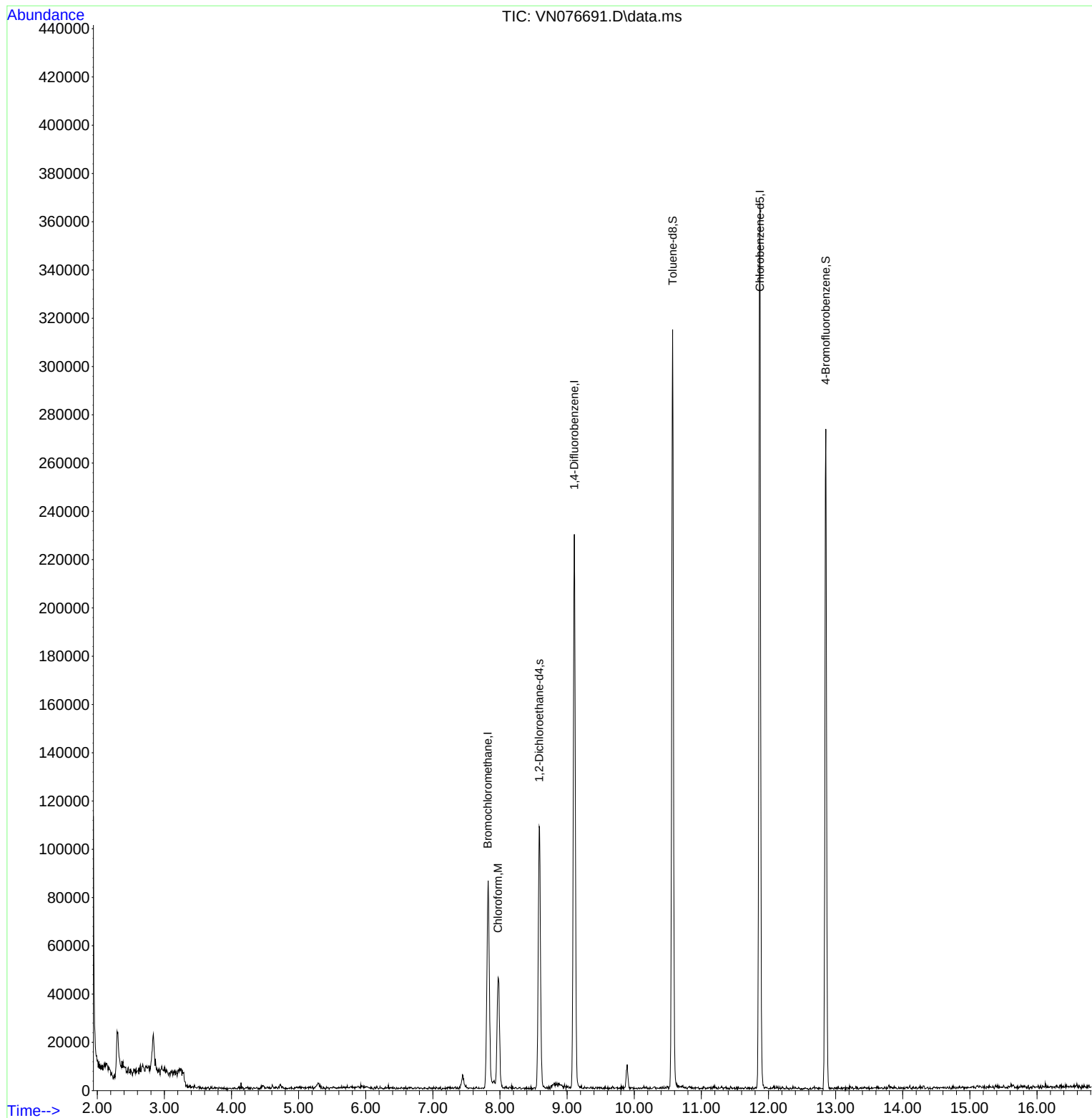
Internal Standards						
1) Bromochloromethane	7.819	128	28596	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	187220	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	204064	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	86183	32.952	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.833%
60) 4-Bromofluorobenzene	12.854	95	87935	24.362	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.200%
63) Toluene-d8	10.571	98	207858	29.080	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.933%
Target Compounds						
25) Chloroform	7.972	83	43891	7.164	ug/l	Qvalue 100

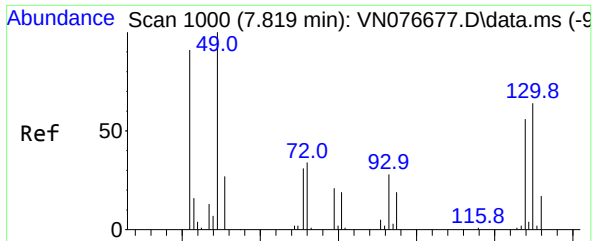
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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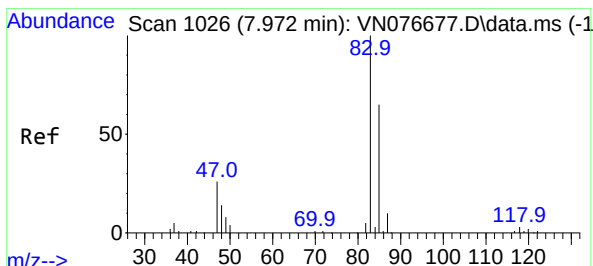
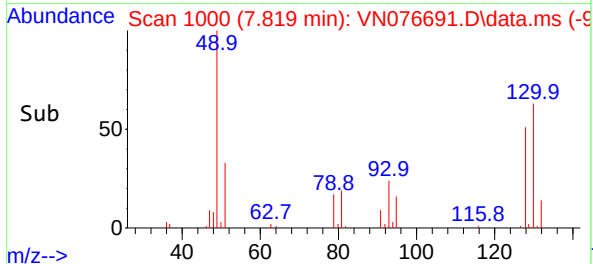
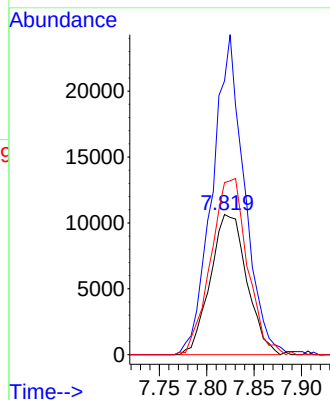
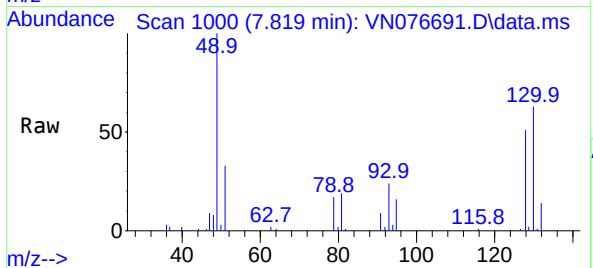




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

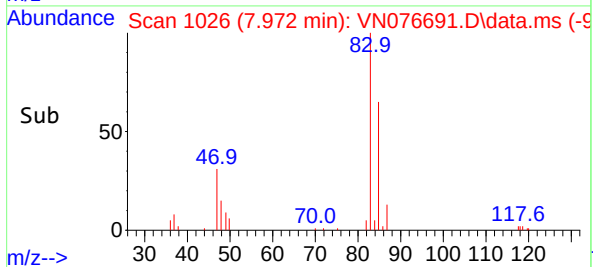
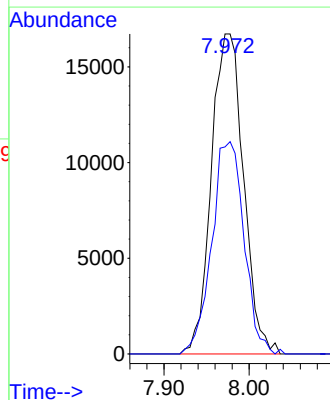
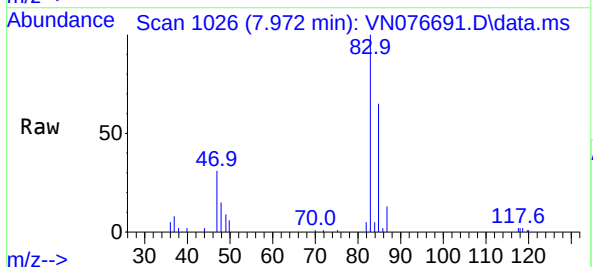
Instrument :
MSVOA_N
ClientSampleId :
14B-4

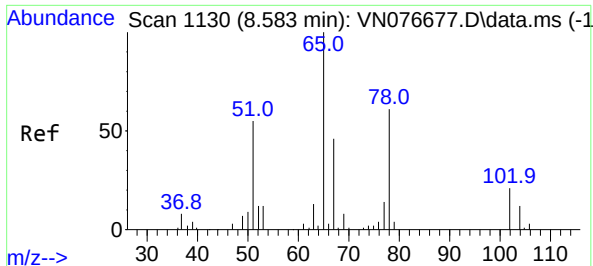
Tgt Ion:128 Resp: 28596
Ion Ratio Lower Upper
128 100
49 199.9 0.0 461.8
130 124.8 0.0 295.3



#25
Chloroform
Concen: 7.164 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

Tgt Ion: 83 Resp: 43891
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

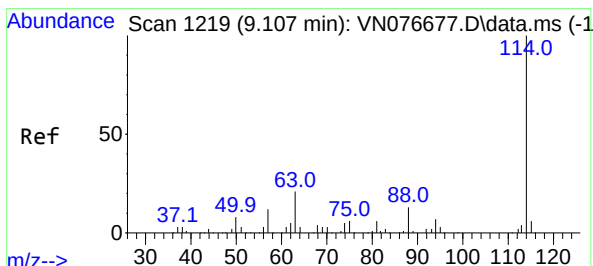
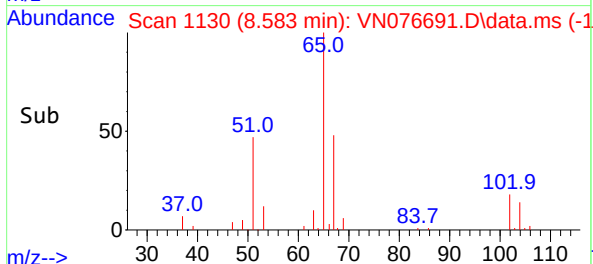
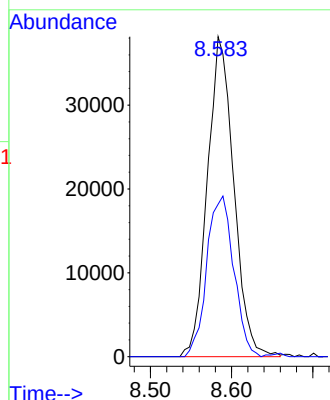
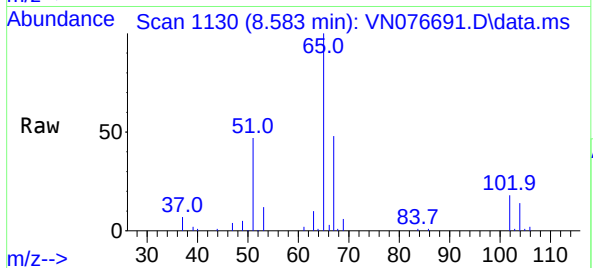




#27
1,2-Dichloroethane-d4
Concen: 32.952 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

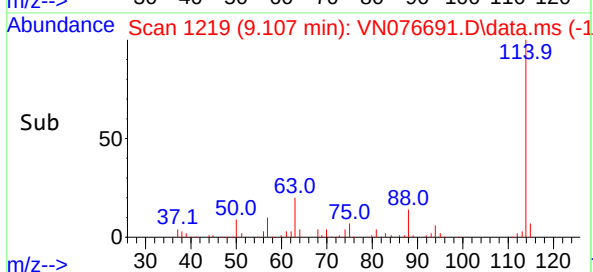
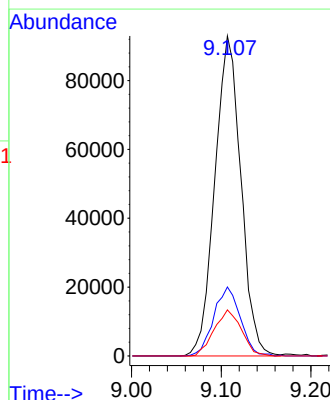
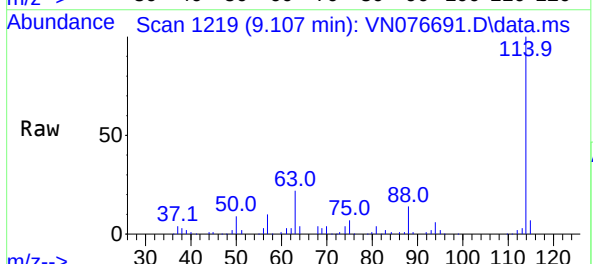
Instrument :
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ClientSampleId :
14B-4

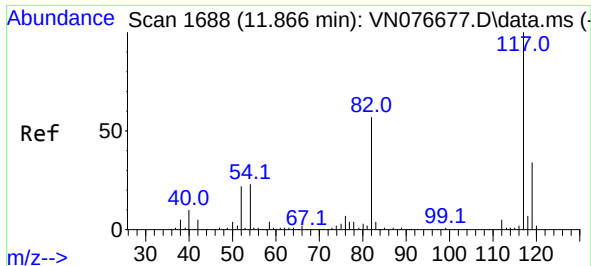
Tgt Ion: 65 Resp: 86183
Ion Ratio Lower Upper
65 100
67 51.2 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

Tgt Ion: 114 Resp: 187220
Ion Ratio Lower Upper
114 100
63 21.9 17.0 25.4
88 15.1 11.6 17.4

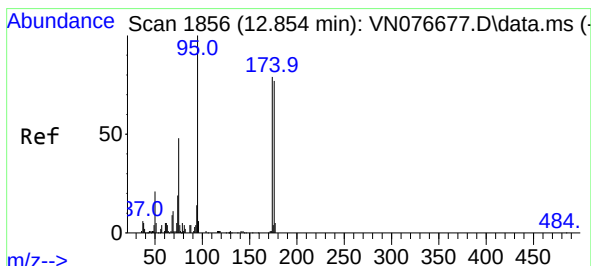
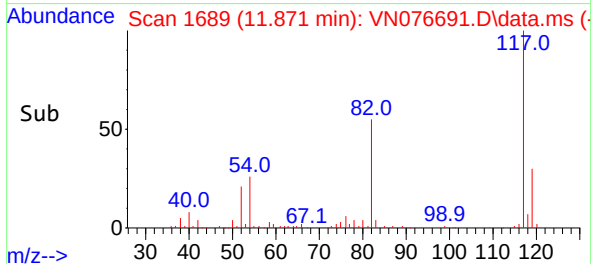
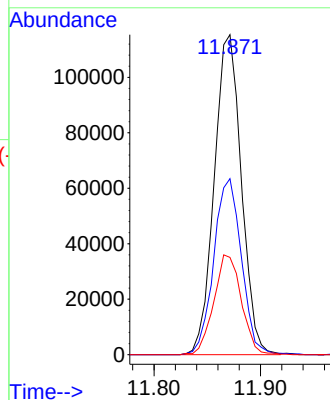
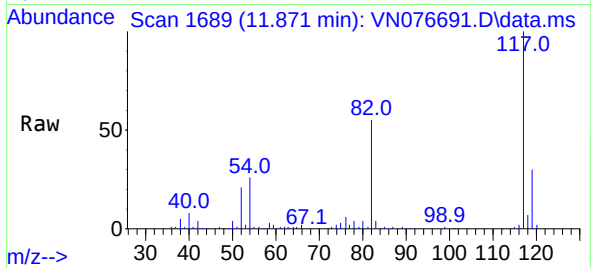




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

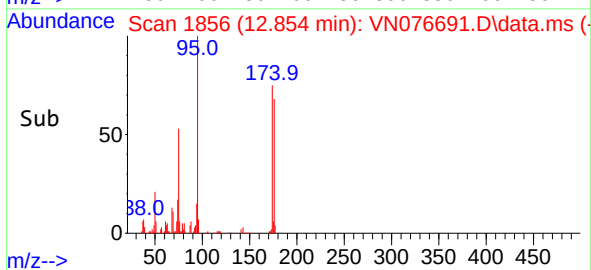
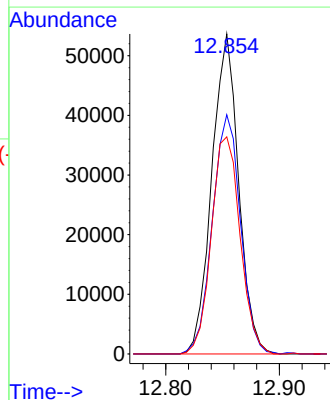
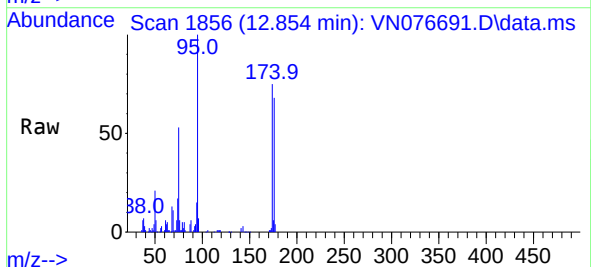
Instrument :
MSVOA_N
ClientSampleId :
14B-4

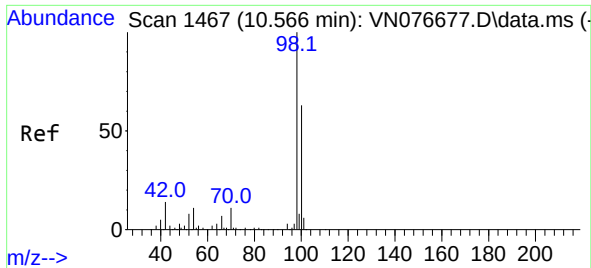
Tgt Ion:117 Resp: 204064
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 31.7 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 24.362 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

Tgt Ion: 95 Resp: 87935
Ion Ratio Lower Upper
95 100
174 78.5 64.2 96.4
176 73.0 61.4 92.0





#63
Toluene-d8
Concen: 29.080 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN076691.D
Acq: 15 Feb 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion: 98 Resp: 207858
Ion Ratio Lower Upper
98 100
100 64.1 53.8 80.6

