

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085131.D
 Acq On : 06 Dec 2024 16:51
 Operator : JC\MD
 Sample : P5068-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Dec 06 23:10:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

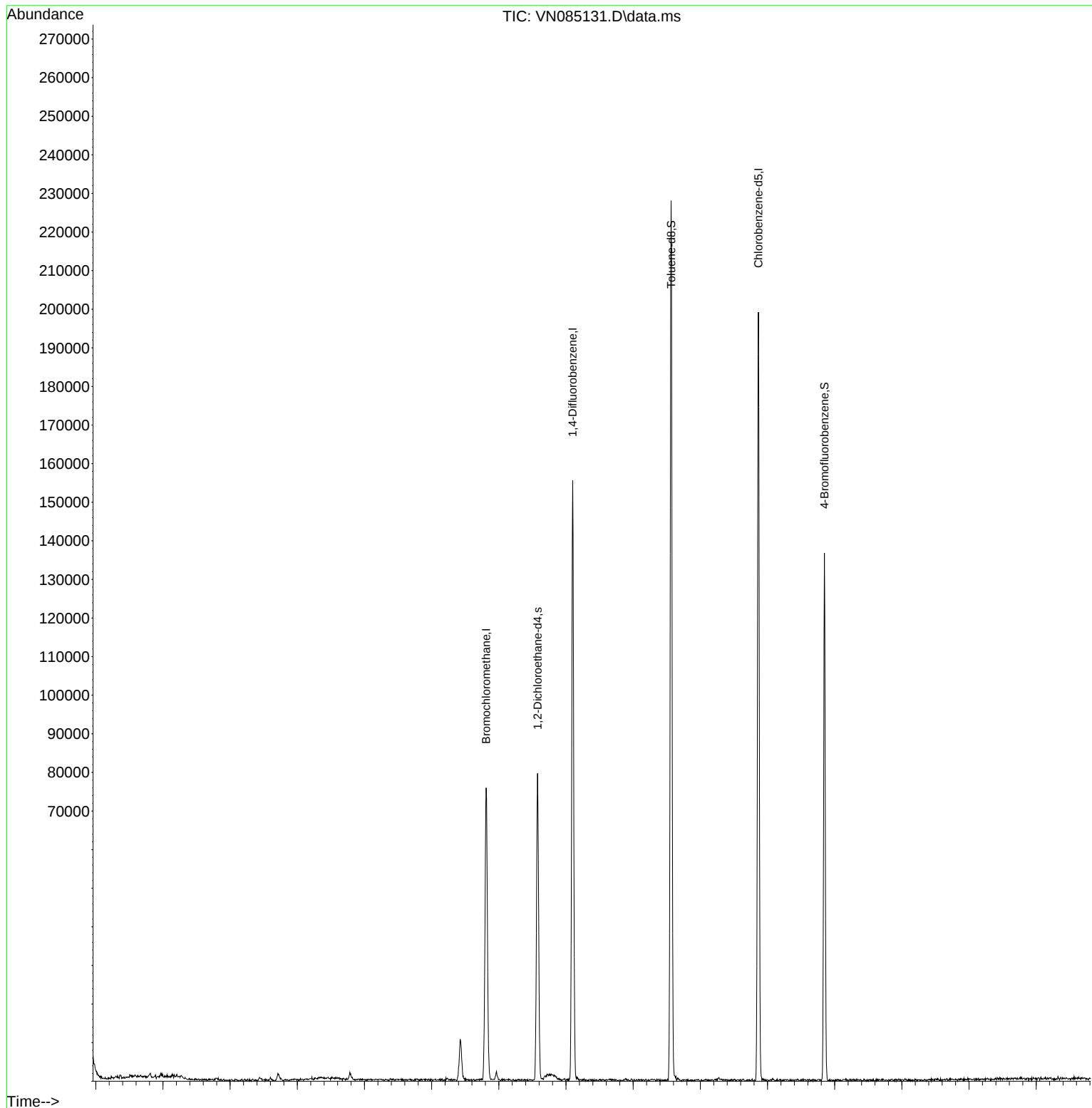
Internal Standards						
1) Bromochloromethane	7.812	128	27564	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	130244	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118708	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65201	29.811	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.367%
60) 4-Bromofluorobenzene	12.847	95	47214	24.038	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.133%
63) Toluene-d8	10.565	98	160763	28.871	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.233%
Target Compounds						
25) Chloroform	7.959	83	2224	0.652	ug/l	Qvalue # 71

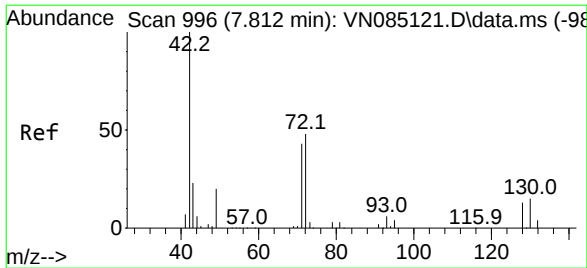
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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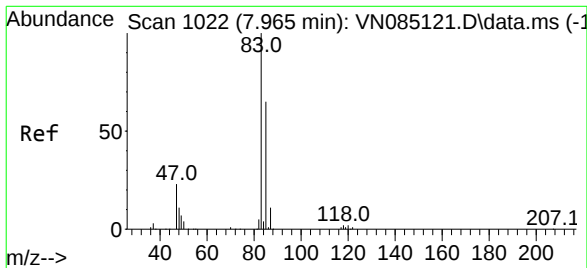
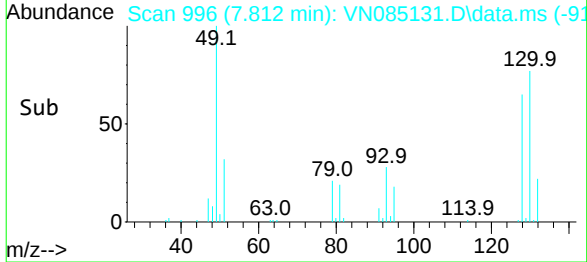
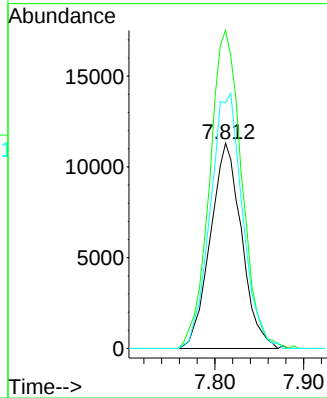
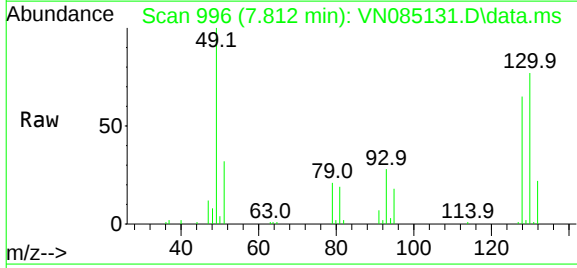




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

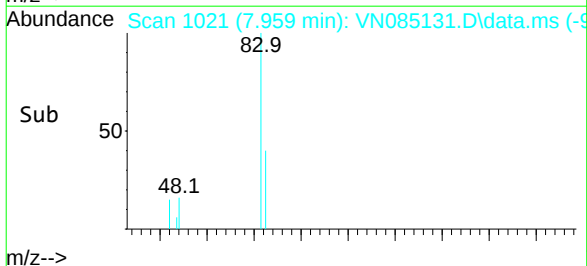
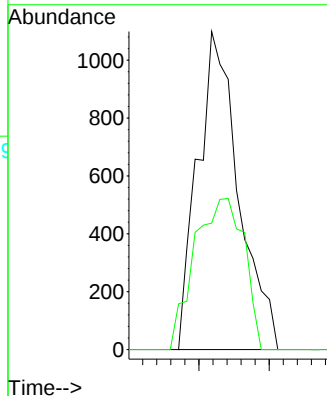
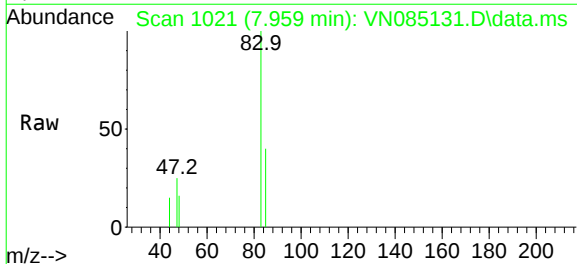
Instrument :
MSVOA_N
ClientSampleId :
14B-1

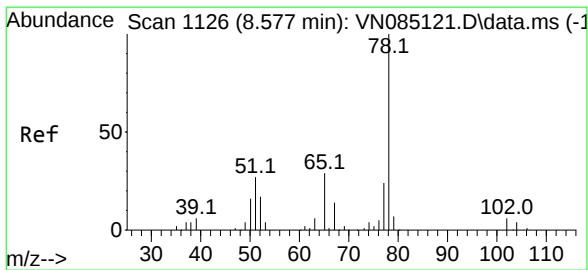
Tgt Ion	Ratio	Lower	Upper
128	100		
49	159.2	0.0	394.5
130	129.0	0.0	316.5



#25
Chloroform
Concen: 0.652 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	39.8	49.4	74.0#

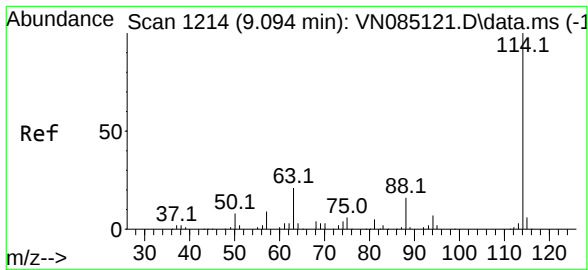
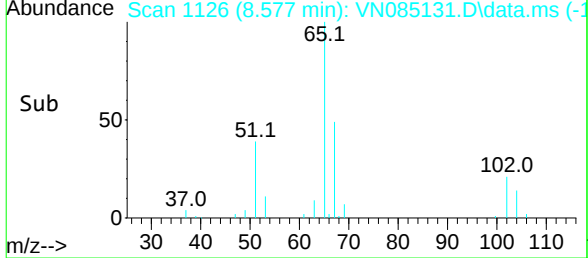
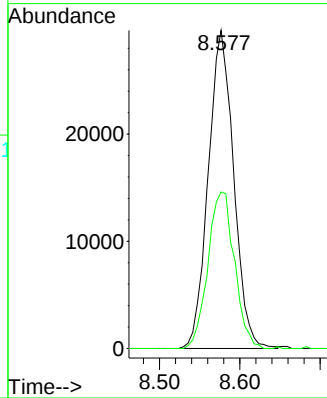
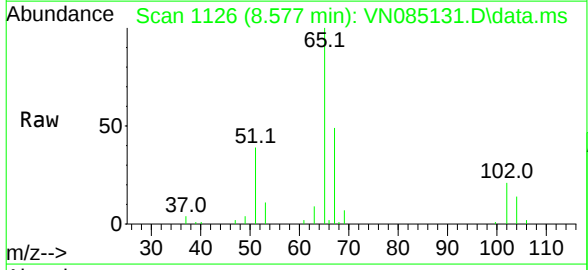




#27
1,2-Dichloroethane-d4
Concen: 29.811 ug/l
RT: 8.577 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

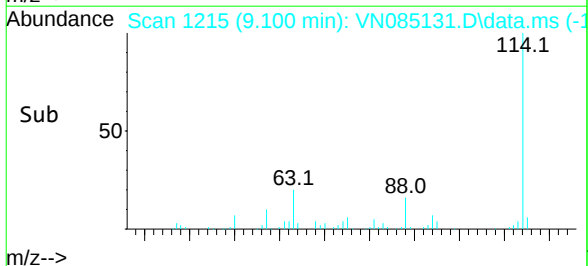
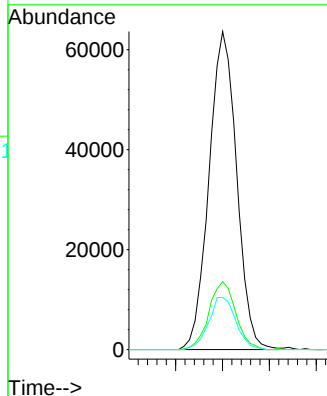
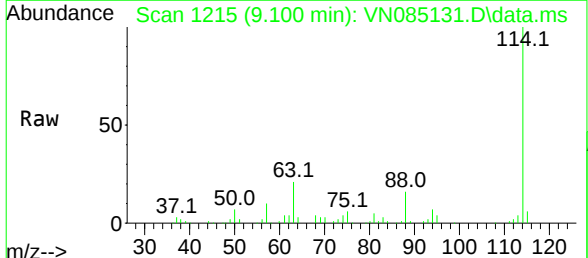
Instrument :
MSVOA_N
ClientSampleId :
14B-1

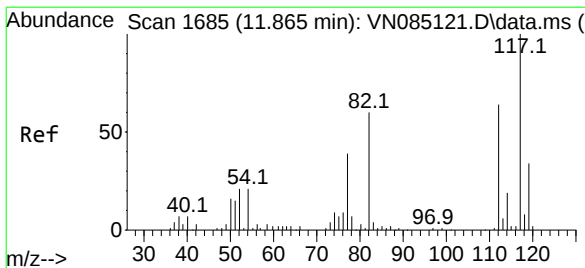
Tgt Ion: 65 Resp: 65201
Ion Ratio Lower Upper
65 100
67 51.4 39.9 59.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

Tgt Ion: 114 Resp: 130244
Ion Ratio Lower Upper
114 100
63 20.7 16.2 24.2
88 16.2 12.5 18.7

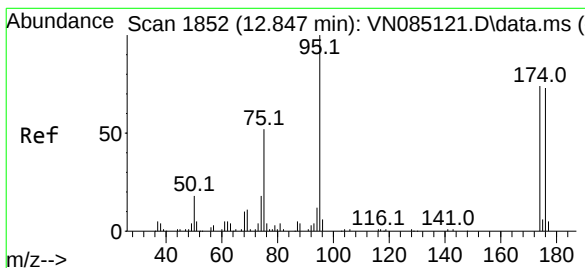
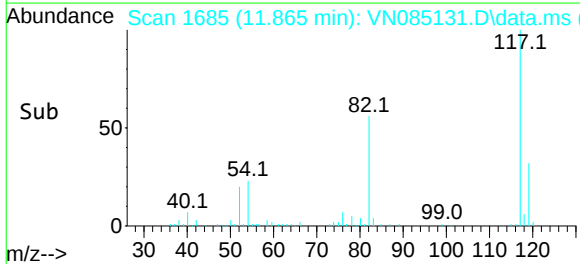
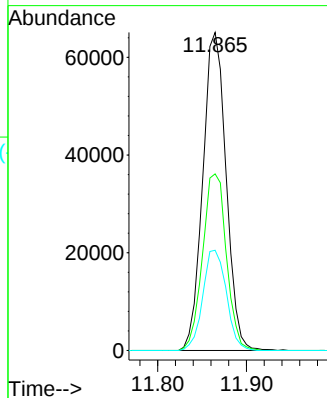
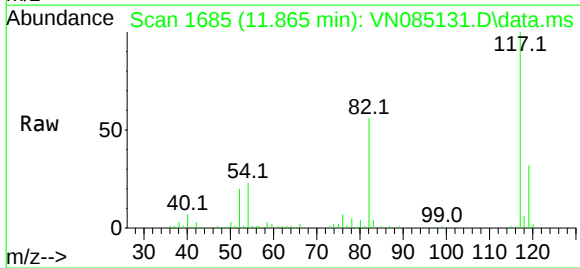




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

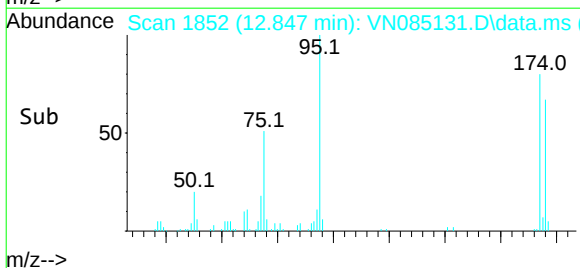
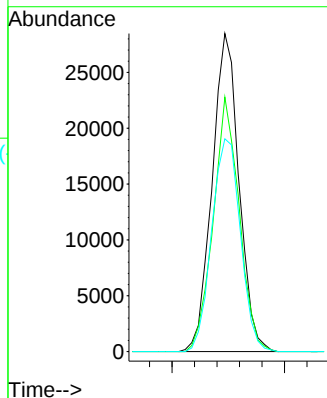
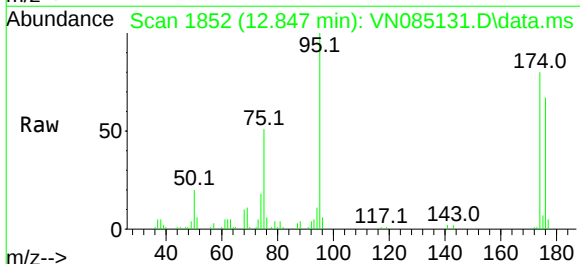
Instrument :
MSVOA_N
ClientSampleId :
14B-1

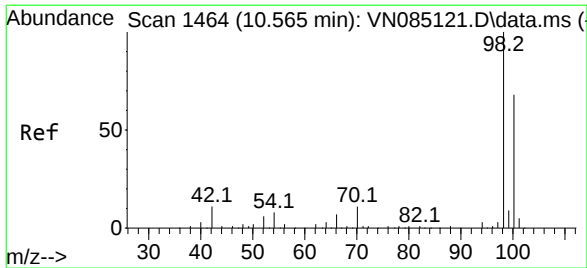
Tgt Ion:117 Resp: 118708
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.4
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 24.038 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

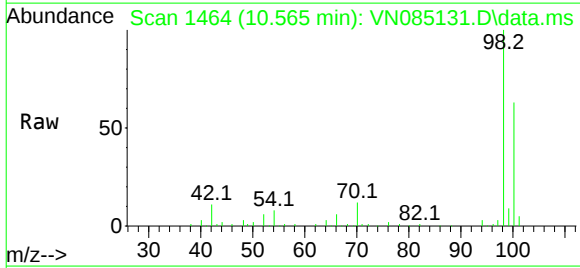
Tgt Ion: 95 Resp: 47214
Ion Ratio Lower Upper
95 100
174 77.3 60.3 90.5
176 71.3 57.4 86.0





#63
Toluene-d8
Concen: 28.871 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085131.D
Acq: 06 Dec 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
14B-1



Tgt Ion: 98 Resp: 160763
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

