

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084190.D
 Acq On : 26 Sep 2024 20:40
 Operator : JC\MD
 Sample : P4189-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Sep 27 01:15:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

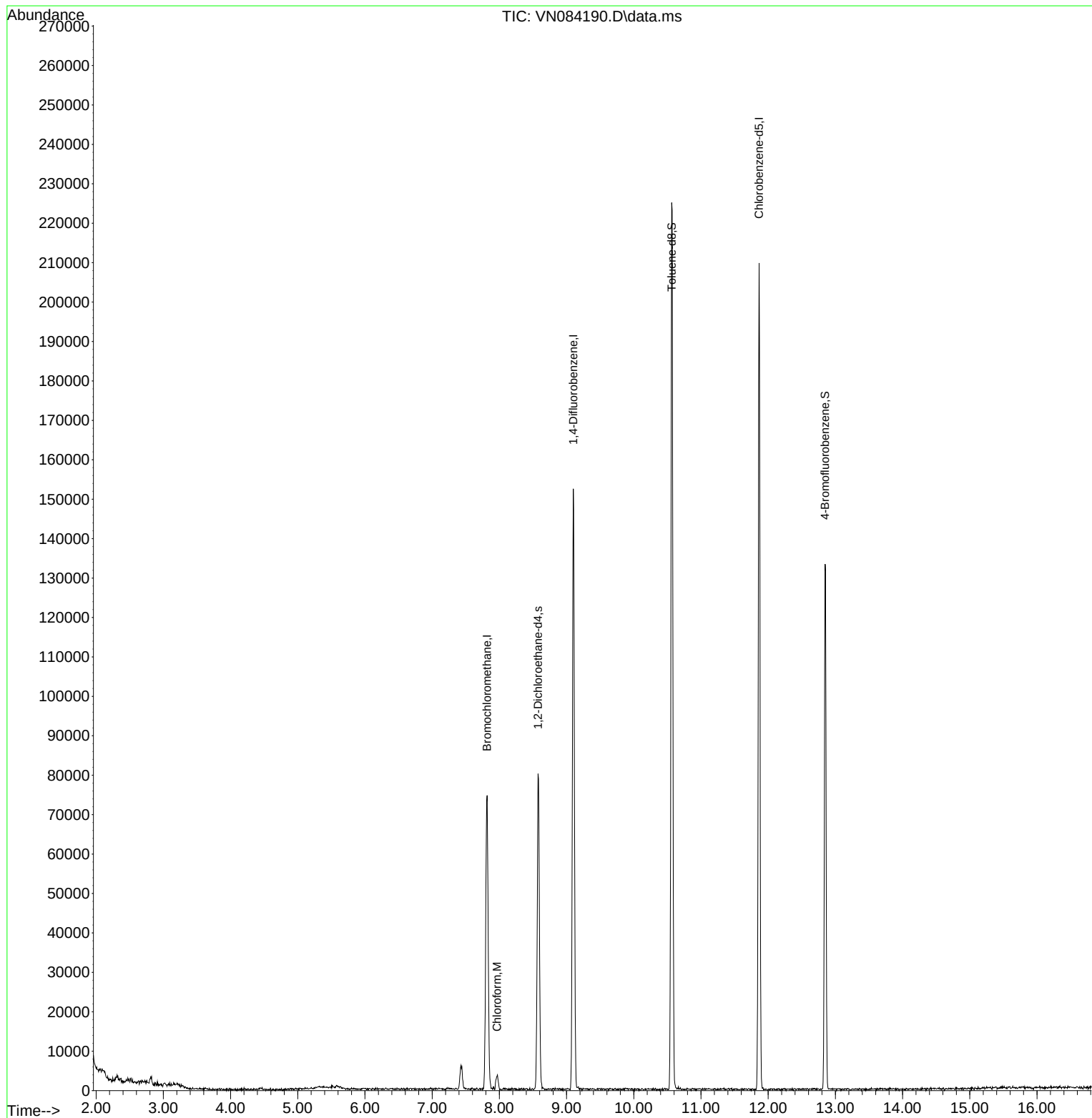
Internal Standards						
1) Bromochloromethane	7.818	128	25928	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	126395	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	116487	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68213	28.782	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.933%
60) 4-Bromofluorobenzene	12.847	95	47499	23.659	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.867%
63) Toluene-d8	10.565	98	159432	29.559	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.533%
Target Compounds						
25) Chloroform	7.965	83	3850	1.115	ug/l	Qvalue 91

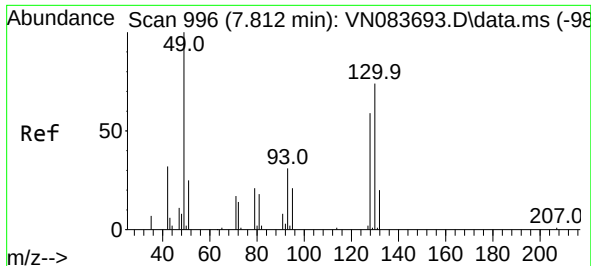
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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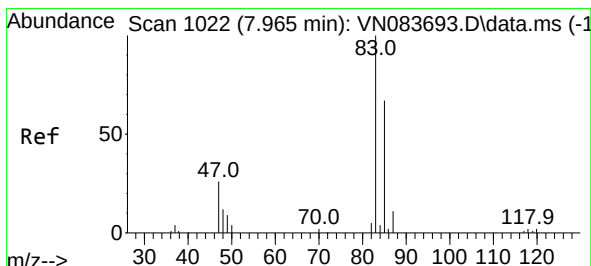
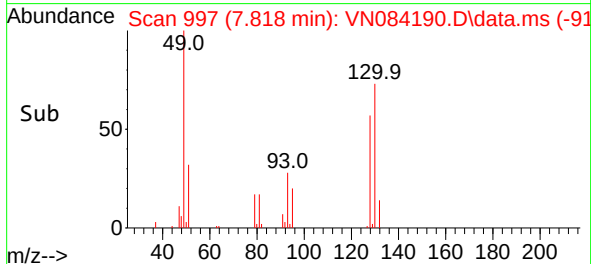
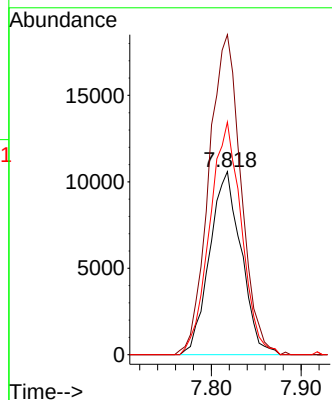
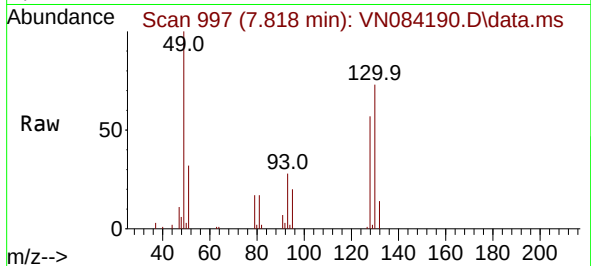




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

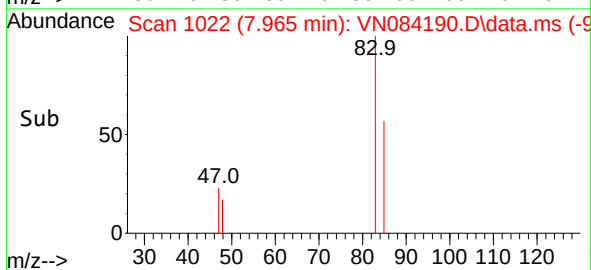
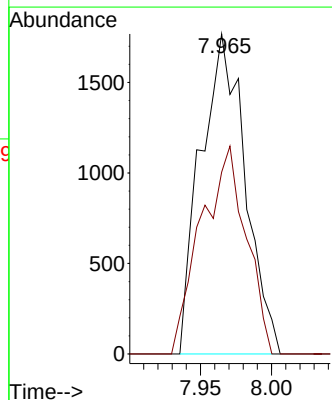
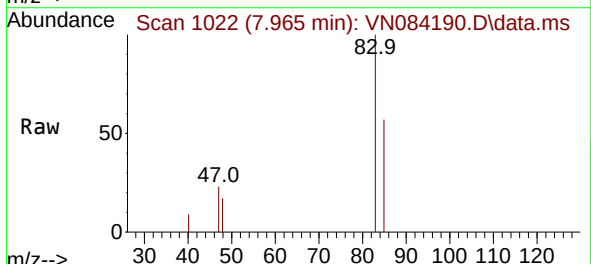
Instrument :
MSVOA_N
ClientSampleId :
14B-2

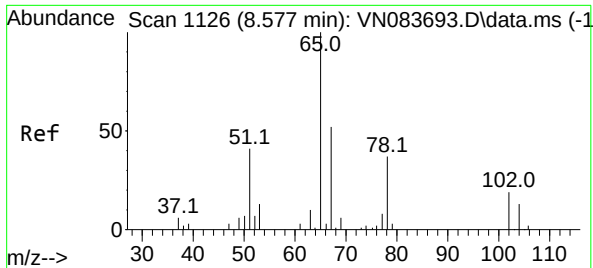
Tgt Ion:128 Resp: 25928
Ion Ratio Lower Upper
128 100
49 177.6 0.0 403.7
130 127.5 0.0 323.3



#25
Chloroform
Concen: 1.115 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

Tgt Ion: 83 Resp: 3850
Ion Ratio Lower Upper
83 100
85 56.8 50.9 76.3

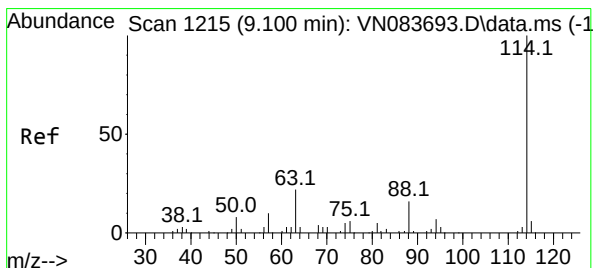
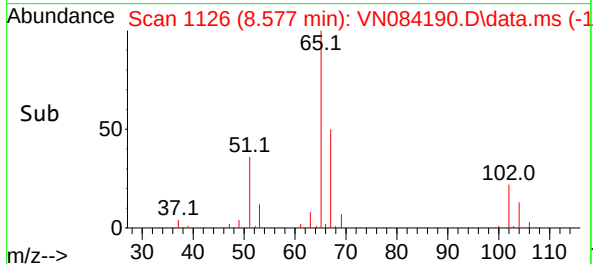
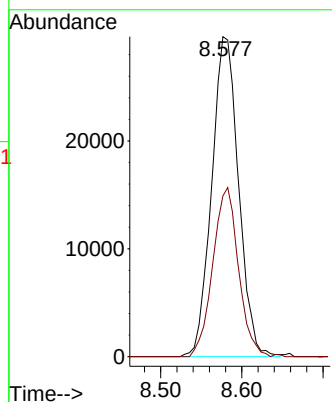
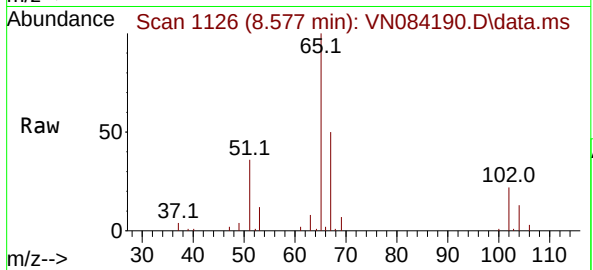




#27
1,2-Dichloroethane-d4
Concen: 28.782 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

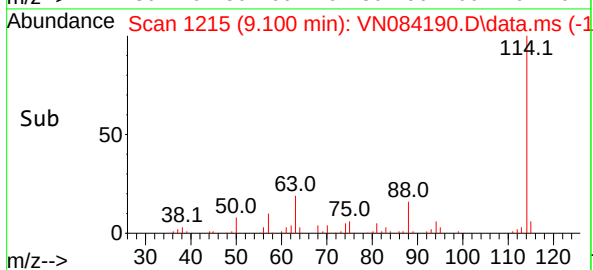
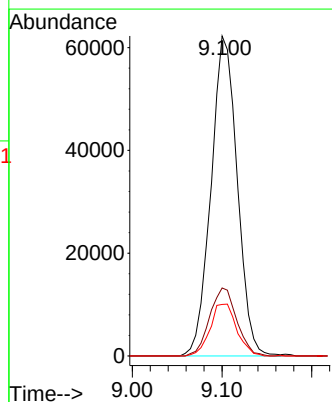
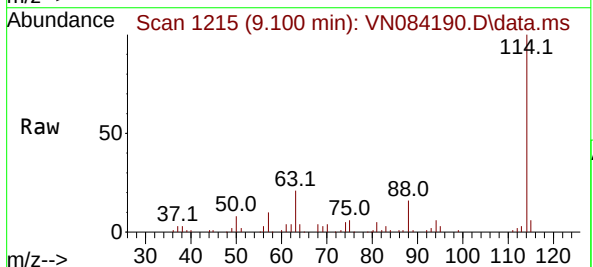
Instrument :
MSVOA_N
ClientSampleId :
14B-2

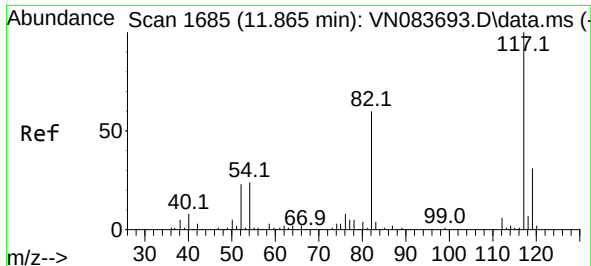
Tgt Ion: 65 Resp: 68213
Ion Ratio Lower Upper
65 100
67 50.5 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

Tgt Ion: 114 Resp: 126395
Ion Ratio Lower Upper
114 100
63 21.9 15.9 23.9
88 16.5 12.7 19.1

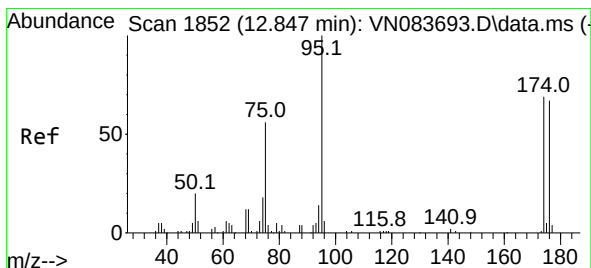
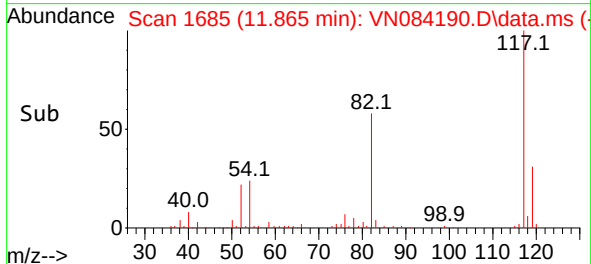
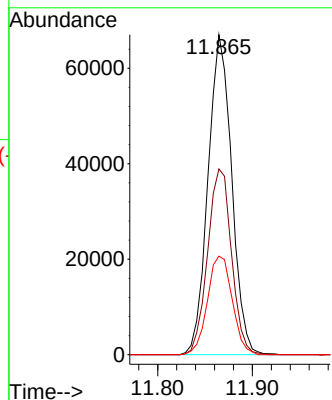
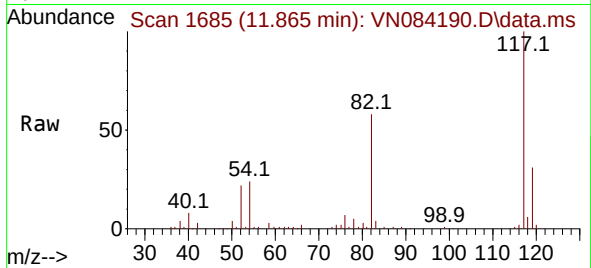




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

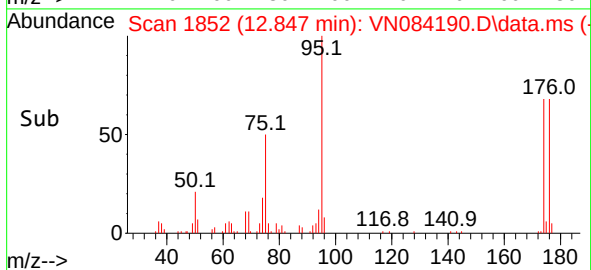
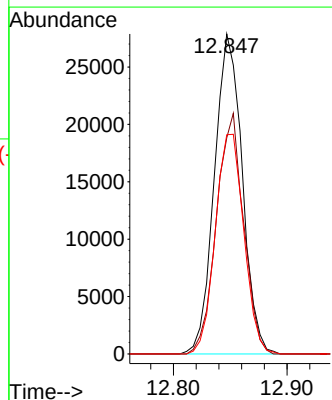
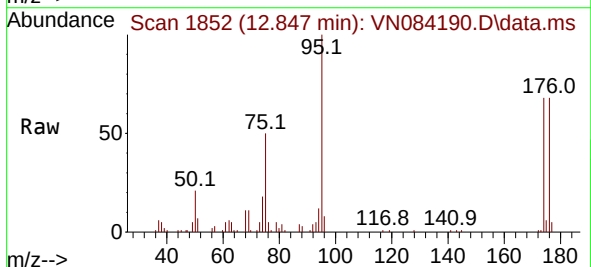
Instrument :
MSVOA_N
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14B-2

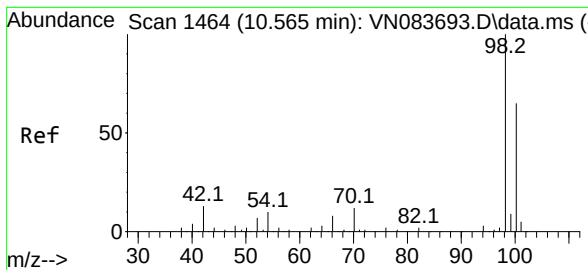
Tgt Ion:117 Resp: 116487
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 32.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 23.659 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084190.D
Acq: 26 Sep 2024 20:40

Tgt Ion: 95 Resp: 47499
Ion Ratio Lower Upper
95 100
174 73.3 60.5 90.7
176 70.4 57.8 86.6





#63

Toluene-d8

Concen: 29.559 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN084190.D

Acq: 26 Sep 2024 20:40

Instrument :

MSVOA_N

ClientSampleId :

14B-2

Tgt Ion: 98 Resp: 159432

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1

