

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092624\
 Data File : VN084187.D
 Acq On : 26 Sep 2024 19:28
 Operator : JC\MD
 Sample : P4165-03 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Sep 27 01:14:17 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)

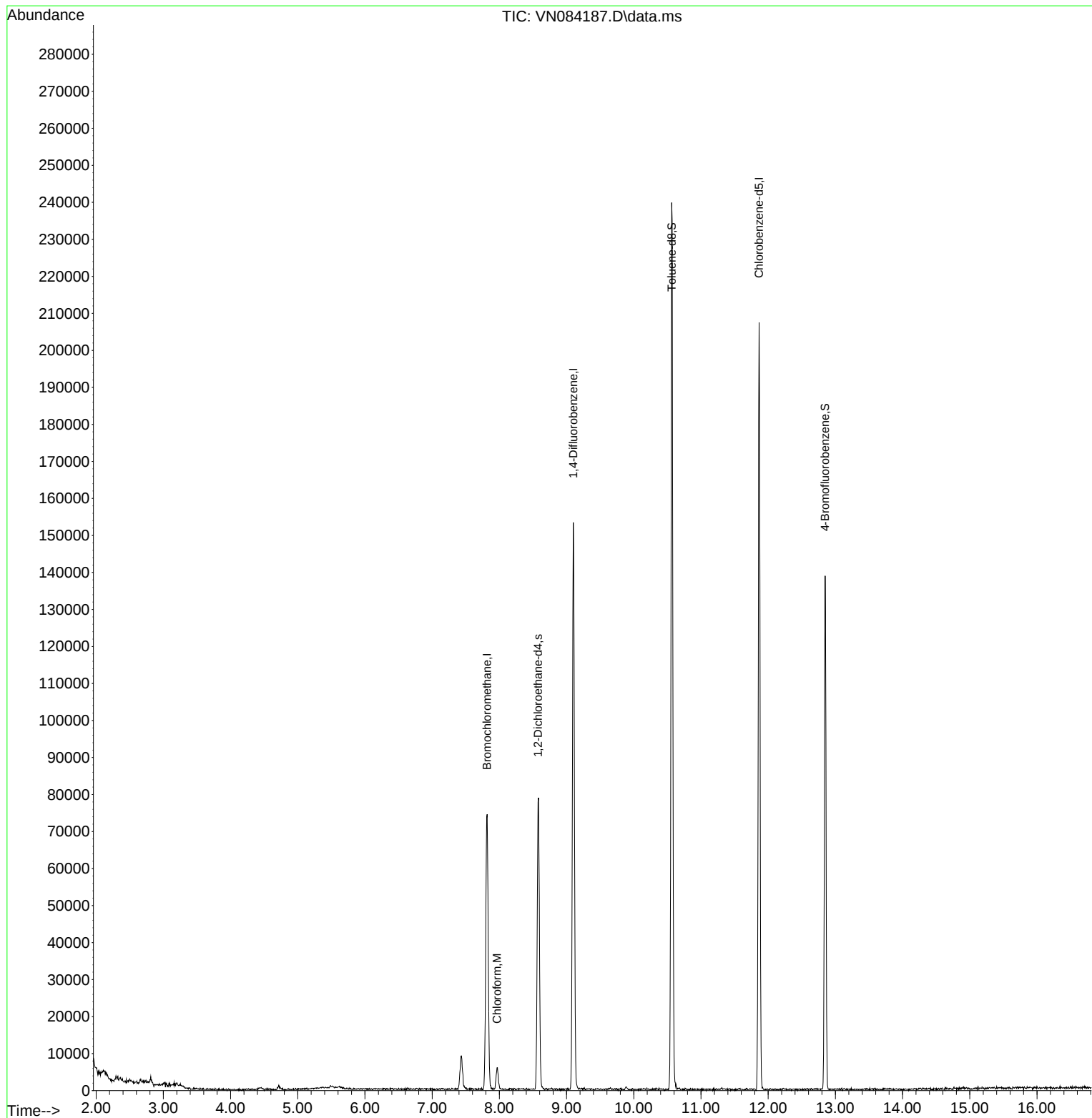
Internal Standards						
1) Bromochloromethane	7.818	128	26009	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	125493	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	119348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	66270	27.875	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.900%
60) 4-Bromofluorobenzene	12.847	95	47206	22.950	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.500%
63) Toluene-d8	10.565	98	162598	29.423	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.067%
Target Compounds						
25) Chloroform	7.965	83	5849	1.689	ug/l	Qvalue # 75

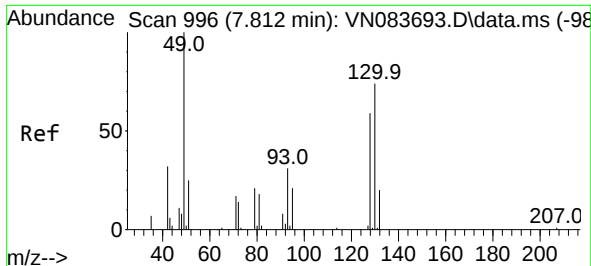
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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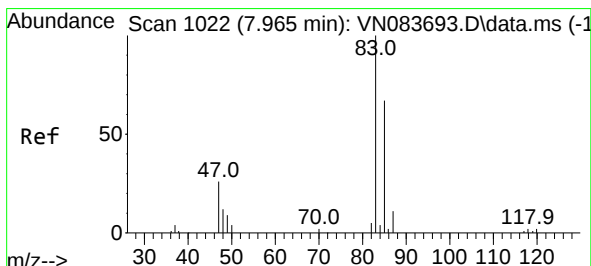
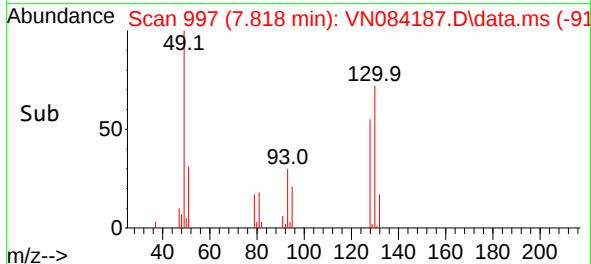
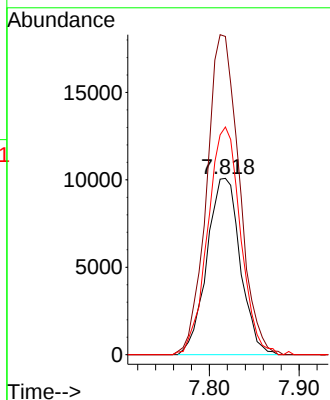
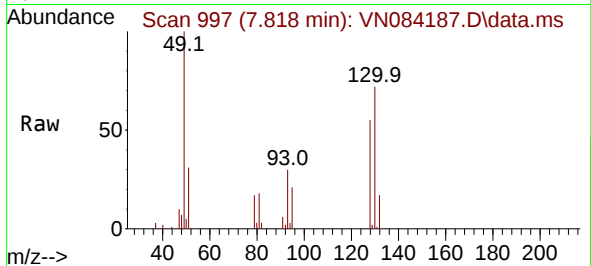




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084187.D
Acq: 26 Sep 2024 19:28

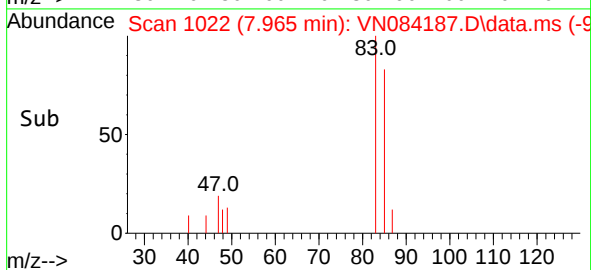
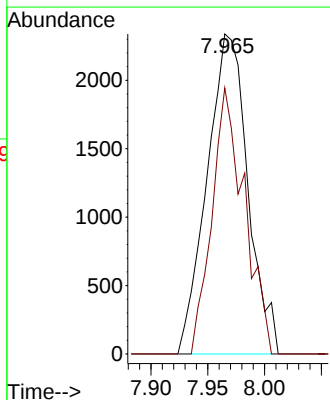
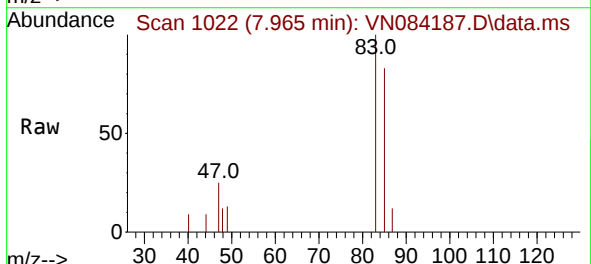
Instrument :
MSVOA_N
ClientSampleId :
14B-3

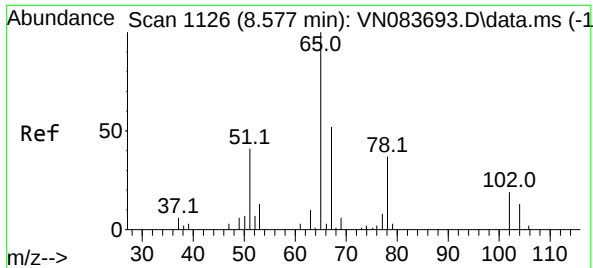
Tgt Ion:128 Resp: 26009
Ion Ratio Lower Upper
128 100
49 177.4 0.0 403.7
130 127.0 0.0 323.3



#25
Chloroform
Concen: 1.689 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084187.D
Acq: 26 Sep 2024 19:28

Tgt Ion: 83 Resp: 5849
Ion Ratio Lower Upper
83 100
85 83.2 50.9 76.3#

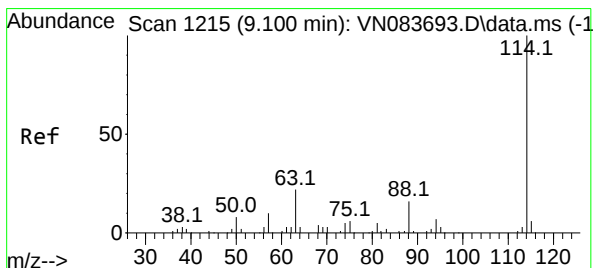
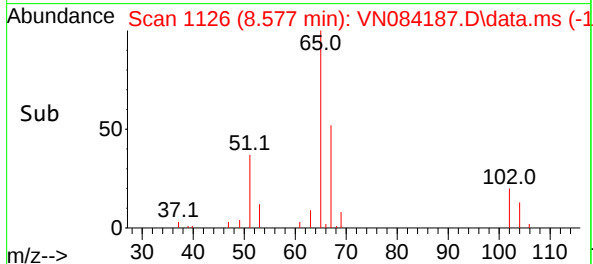
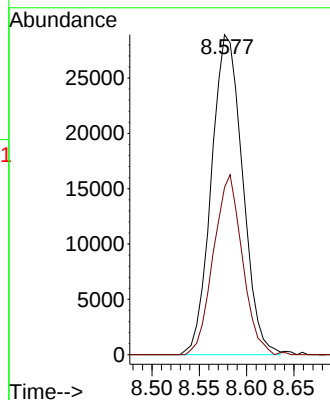
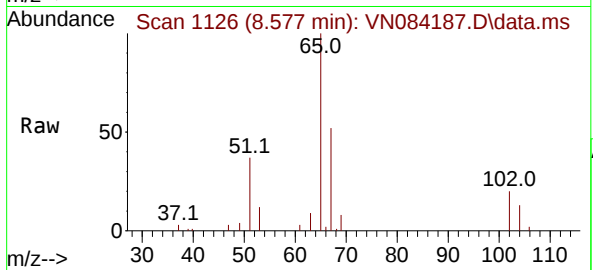




#27
 1,2-Dichloroethane-d4
 Concen: 27.875 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084187.D
 Acq: 26 Sep 2024 19:28

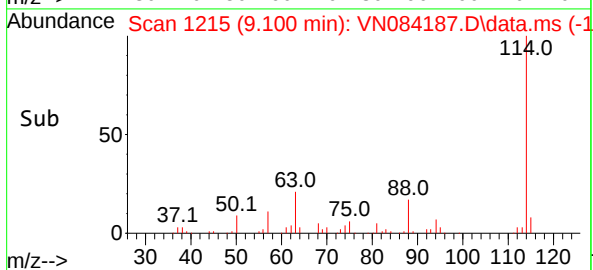
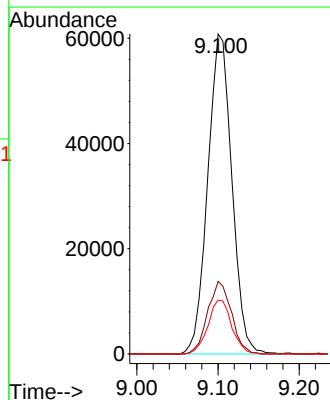
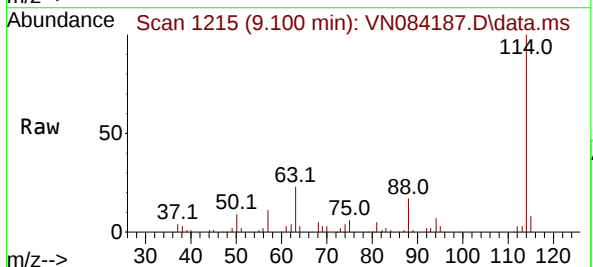
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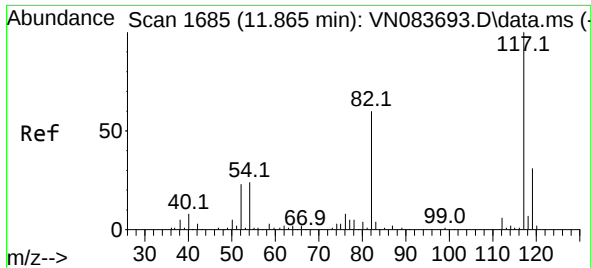
Tgt Ion: 65 Resp: 66270
 Ion Ratio Lower Upper
 65 100
 67 52.0 43.2 64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084187.D
 Acq: 26 Sep 2024 19:28

Tgt Ion: 114 Resp: 125493
 Ion Ratio Lower Upper
 114 100
 63 22.3 15.9 23.9
 88 16.6 12.7 19.1

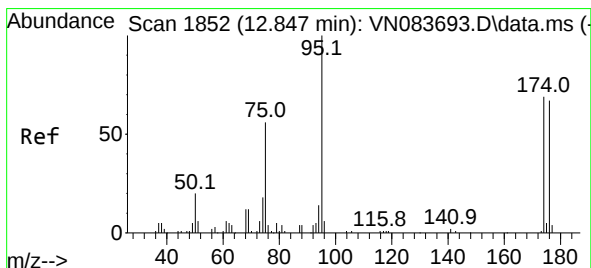
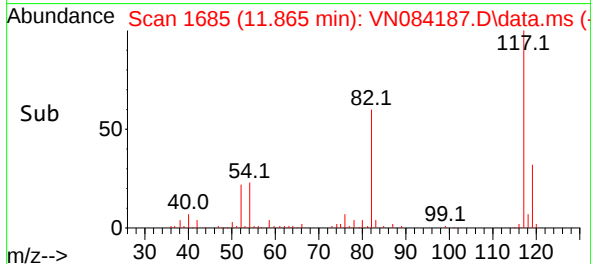
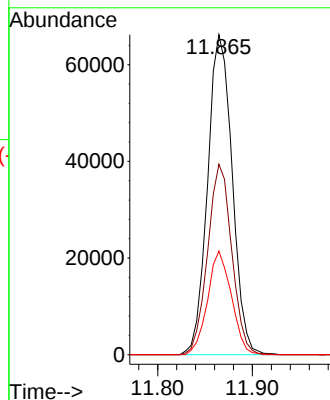
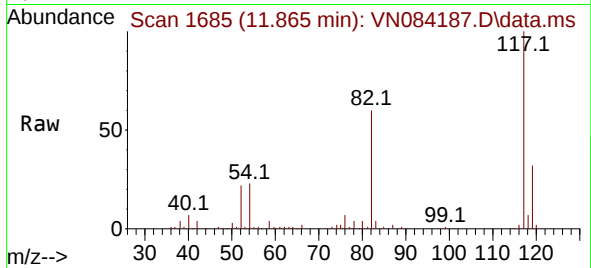




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084187.D
Acq: 26 Sep 2024 19:28

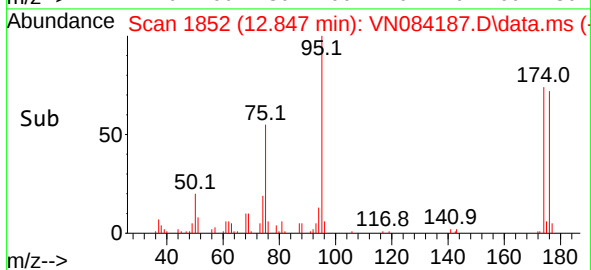
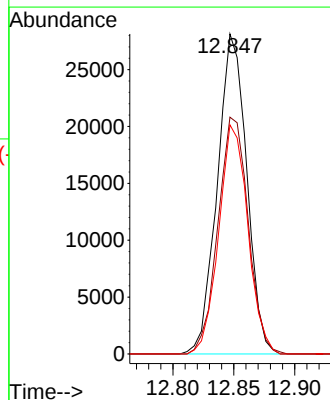
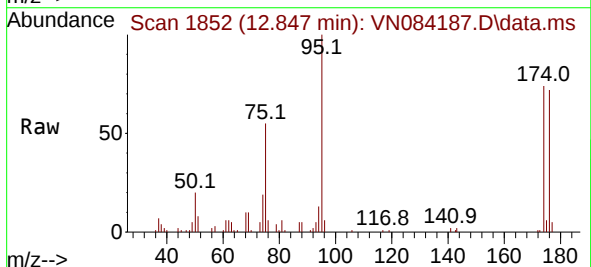
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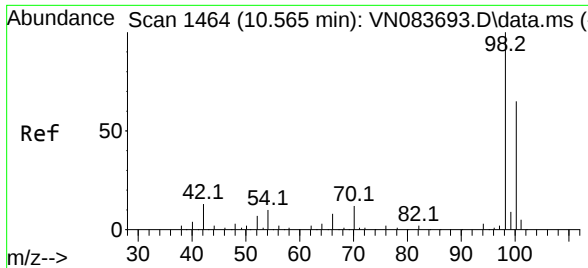
Tgt Ion:117 Resp: 119348
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.4 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 22.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084187.D
Acq: 26 Sep 2024 19:28

Tgt Ion: 95 Resp: 47206
Ion Ratio Lower Upper
95 100
174 76.3 60.5 90.7
176 71.0 57.8 86.6





#63

Toluene-d8

Concen: 29.423 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084187.D

Acq: 26 Sep 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

14B-3

Tgt Ion: 98 Resp: 162598

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1

