

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084516.D
 Acq On : 25 Oct 2024 15:15
 Operator : JC\MD
 Sample : P4549-02 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-067-IDWGW-20241024

Quant Time: Oct 26 05:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

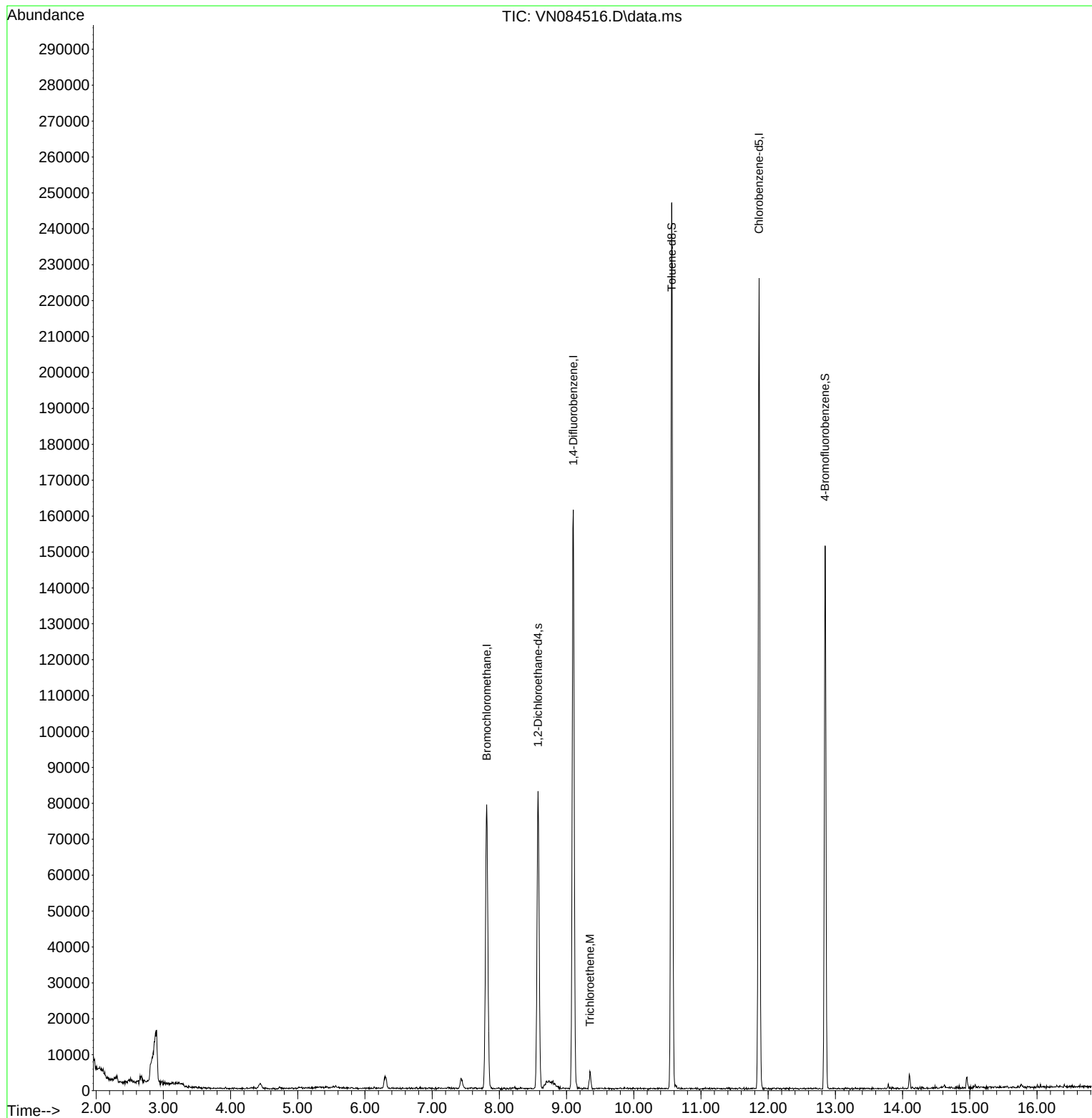
Internal Standards						
1) Bromochloromethane	7.812	128	28275	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137388	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125598	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68323	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.033%
60) 4-Bromofluorobenzene	12.847	95	52227	25.195	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.000%
63) Toluene-d8	10.565	98	166090	28.545	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.167%
Target Compounds						
37) Trichloroethene	9.347	130	1528	0.940	ug/l	Qvalue 99

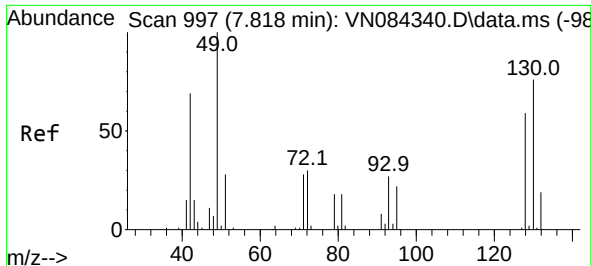
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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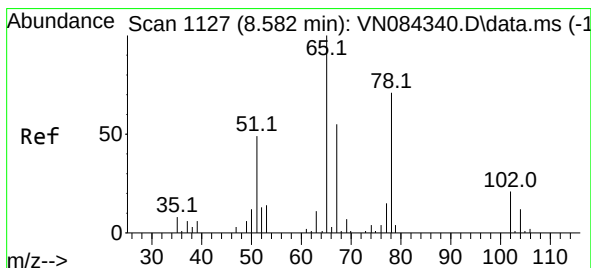
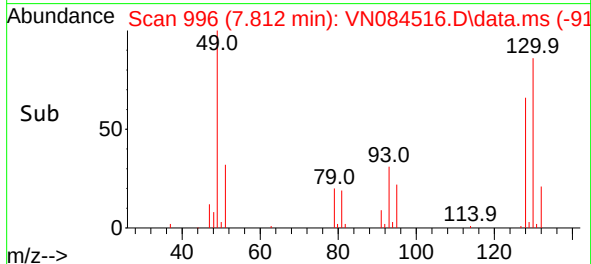
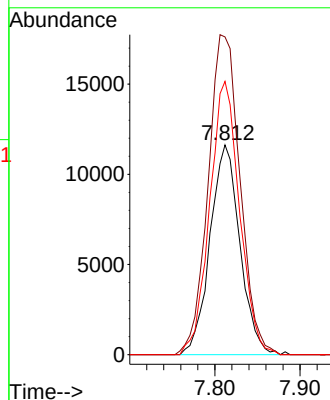
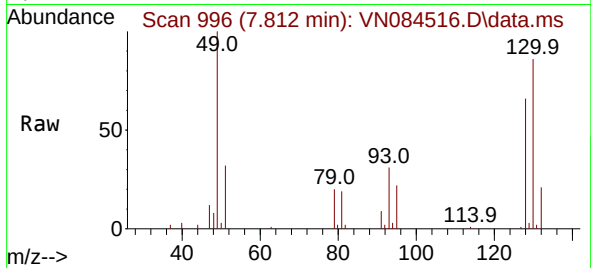




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084516.D
Acq: 25 Oct 2024 15:15

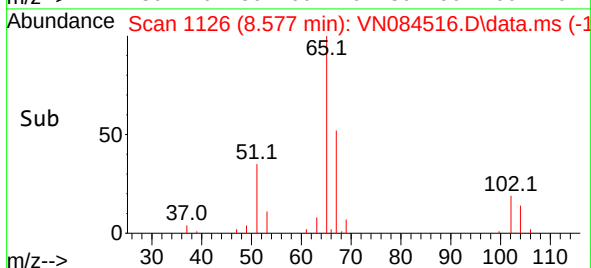
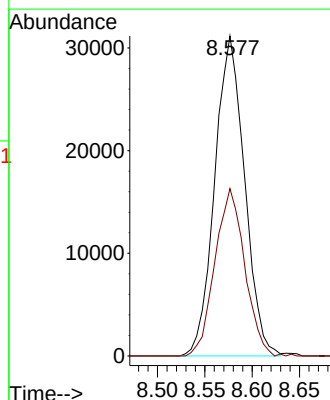
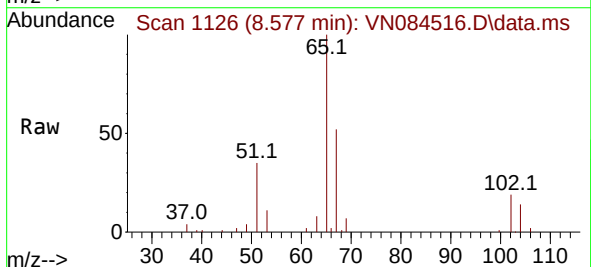
Instrument :
MSVOA_N
ClientSampleId :
TT-067-IDWGW-20241024

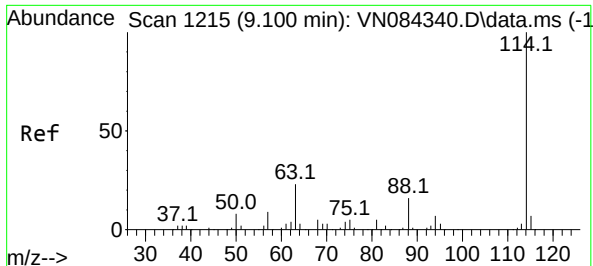
Tgt Ion:128 Resp: 28275
Ion Ratio Lower Upper
128 100
49 163.6 0.0 430.0
130 130.9 0.0 329.8



#27
1,2-Dichloroethane-d4
Concen: 30.014 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084516.D
Acq: 25 Oct 2024 15:15

Tgt Ion: 65 Resp: 68323
Ion Ratio Lower Upper
65 100
67 52.1 41.5 62.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084516.D

Acq: 25 Oct 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

TT-067-IDWGW-20241024

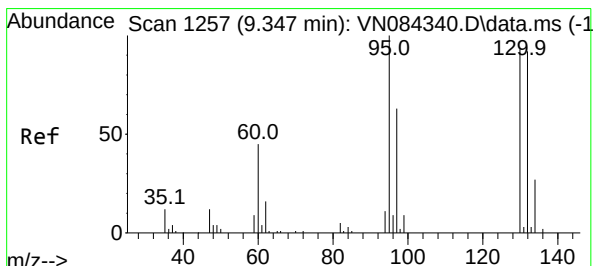
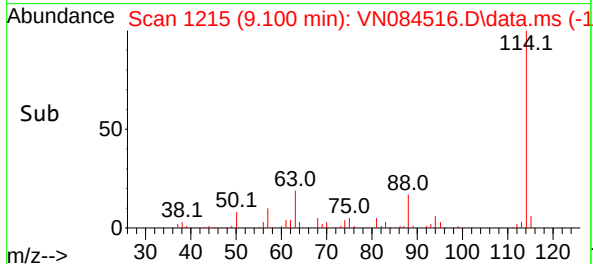
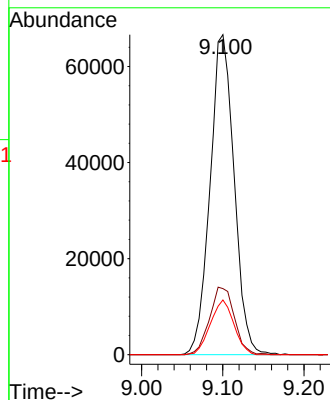
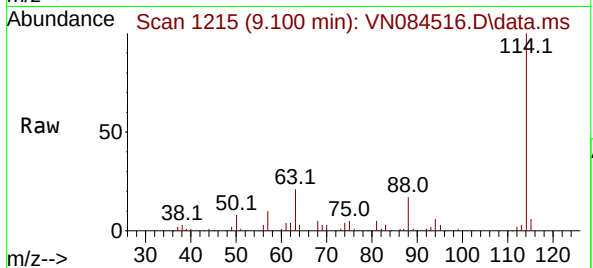
Tgt Ion:114 Resp: 137388

Ion Ratio Lower Upper

114 100

63 21.6 17.4 26.0

88 16.7 13.2 19.8



#37

Trichloroethene

Concen: 0.940 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084516.D

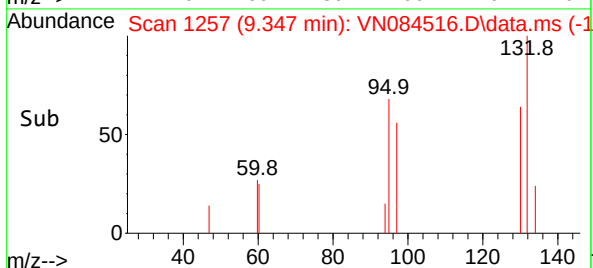
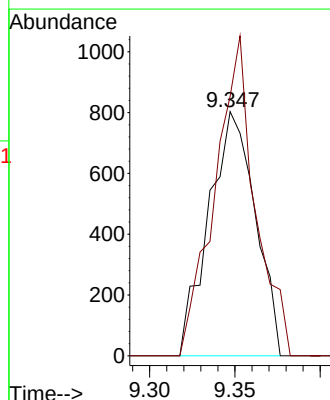
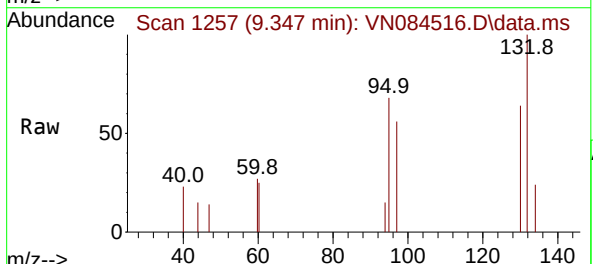
Acq: 25 Oct 2024 15:15

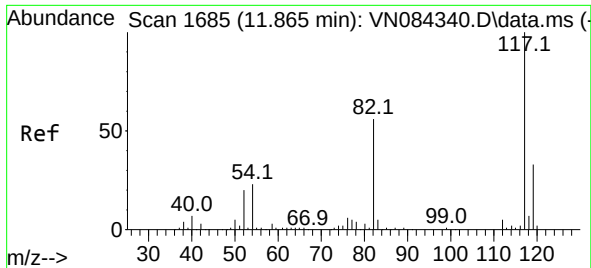
Tgt Ion:130 Resp: 1528

Ion Ratio Lower Upper

130 100

95 106.2 85.8 128.6

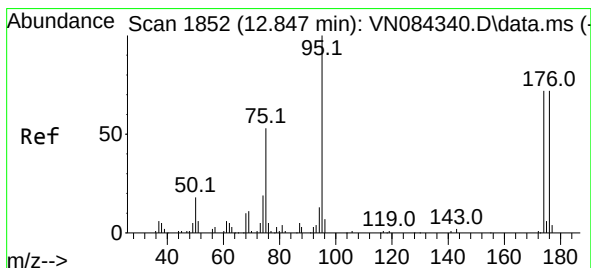
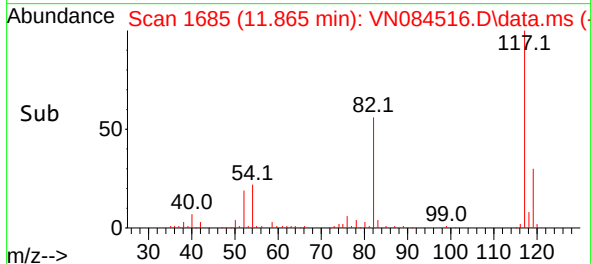
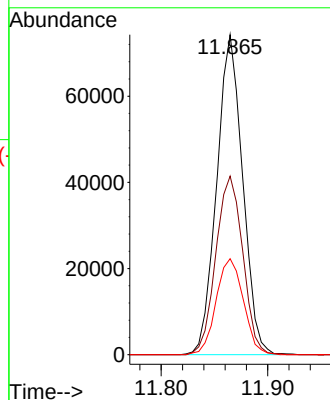
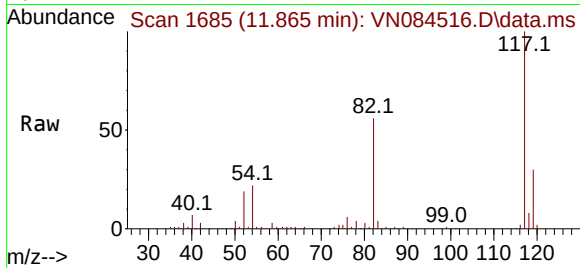




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084516.D
Acq: 25 Oct 2024 15:15

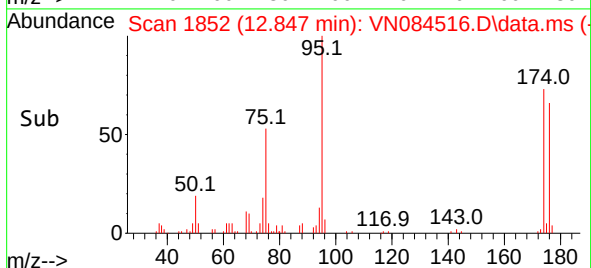
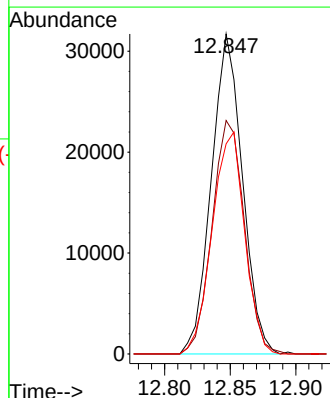
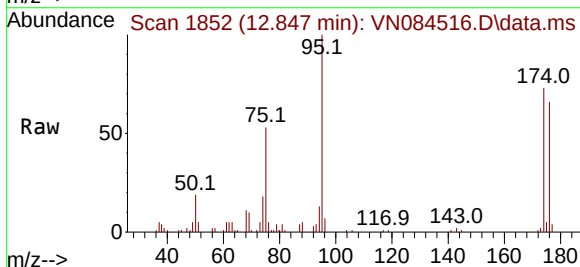
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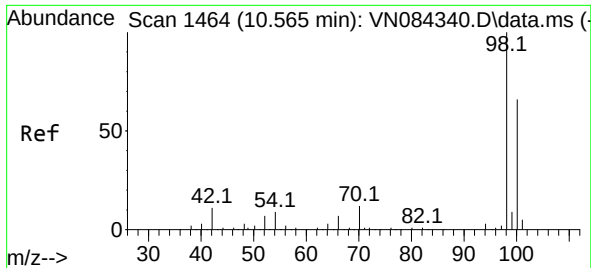
Tgt Ion:	117	Resp:	125598
Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.2	69.4
119	31.5	25.4	38.2



#60
4-Bromofluorobenzene
Concen: 25.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084516.D
Acq: 25 Oct 2024 15:15

Tgt Ion:	95	Resp:	52227
Ion	Ratio	Lower	Upper
95	100		
174	75.7	58.2	87.2
176	72.4	56.4	84.6





#63
 Toluene-d8
 Concen: 28.545 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN084516.D
 Acq: 25 Oct 2024 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-067-IDWGW-20241024

Tgt Ion: 98 Resp: 166090
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7

