

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081812.D
 Acq On : 19 Apr 2024 16:28
 Operator : JC\MD
 Sample : P2217-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240418002-05-TB

Quant Time: Apr 19 23:44:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

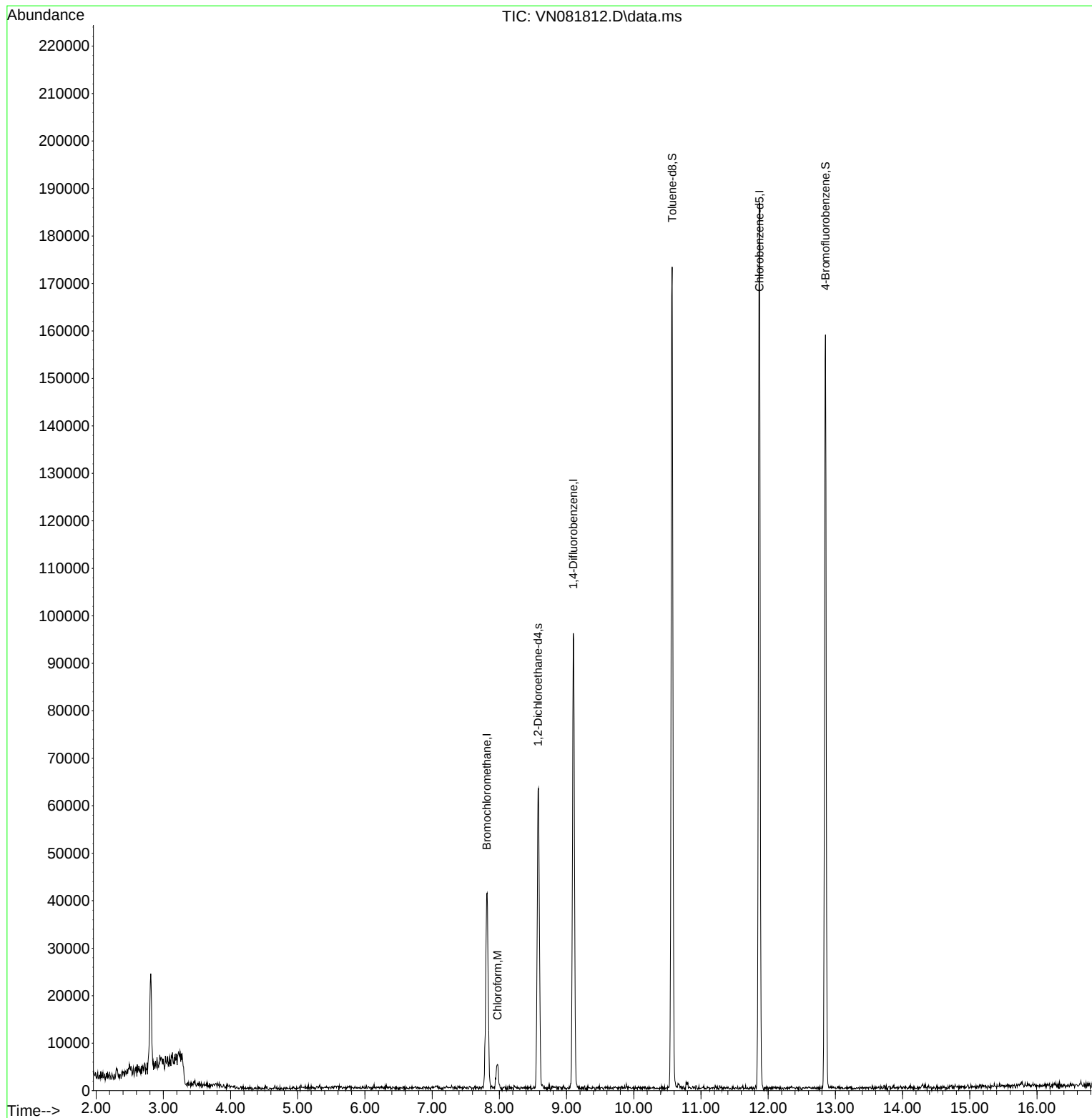
Internal Standards						
1) Bromochloromethane	7.812	128	14976	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	79647	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	104499	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	52632	28.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.367%
60) 4-Bromofluorobenzene	12.853	95	51414	25.025	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.433%
63) Toluene-d8	10.570	98	116386	27.766	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.567%
Target Compounds						
25) Chloroform	7.971	83	5337	1.267	ug/l	Qvalue # 81

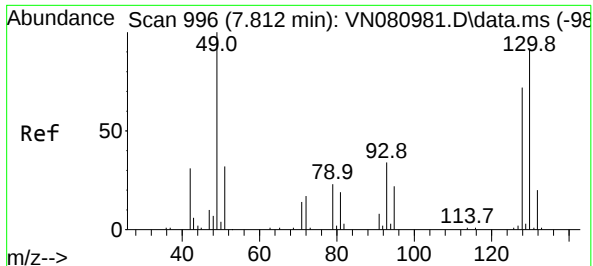
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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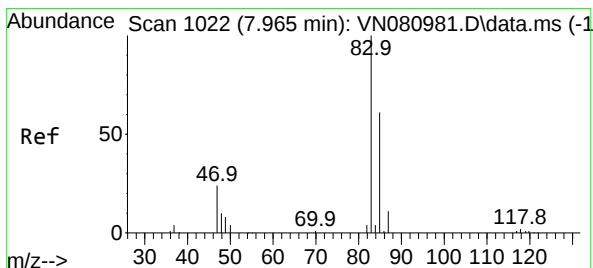
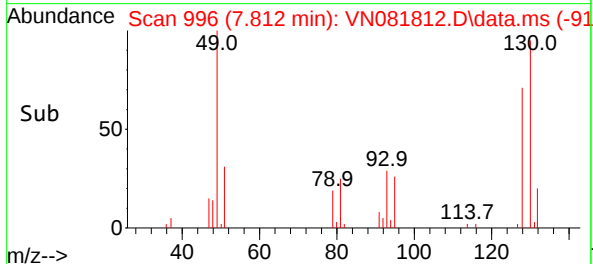
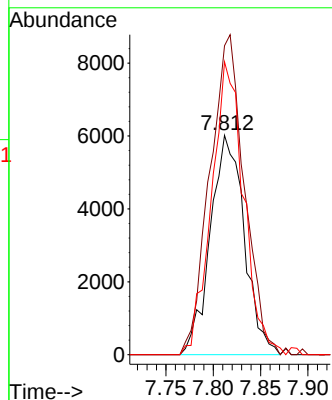
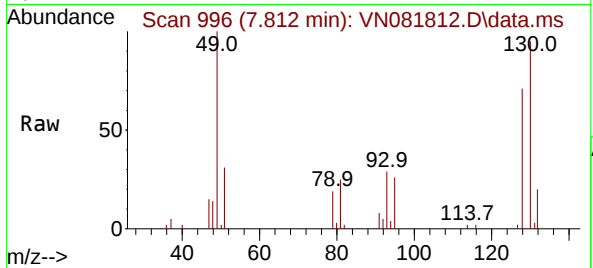




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081812.D
Acq: 19 Apr 2024 16:28

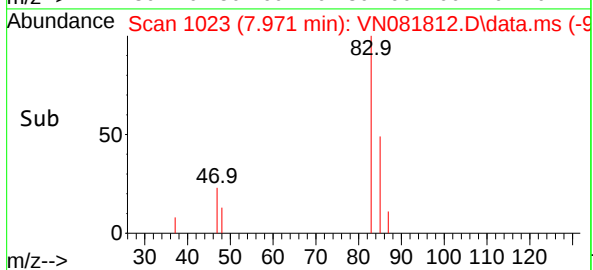
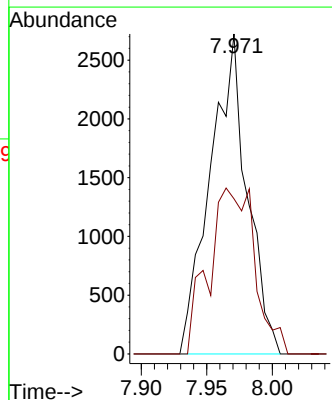
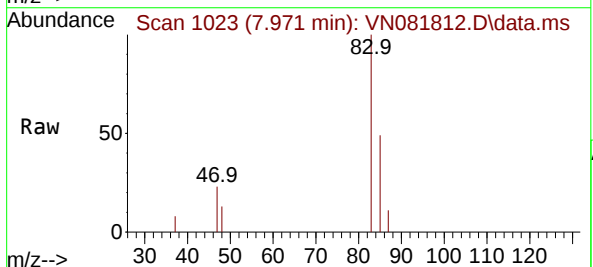
Instrument :
MSVOA_N
ClientSampleId :
240418002-05-TB

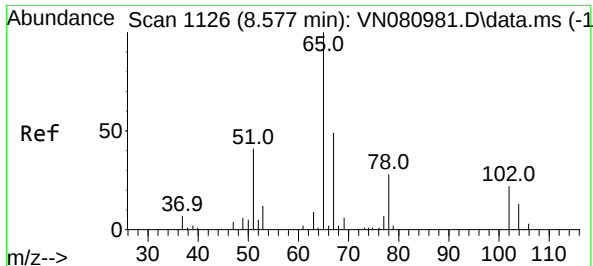
Tgt Ion:	128	Resp:	14976
Ion	Ratio	Lower	Upper
128	100		
49	148.7	0.0	403.7
130	127.0	0.0	323.3



#25
Chloroform
Concen: 1.267 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081812.D
Acq: 19 Apr 2024 16:28

Tgt Ion:	83	Resp:	5337
Ion	Ratio	Lower	Upper
83	100		
85	48.5	50.9	76.3#





#27

1,2-Dichloroethane-d4

Concen: 28.608 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN081812.D

Acq: 19 Apr 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

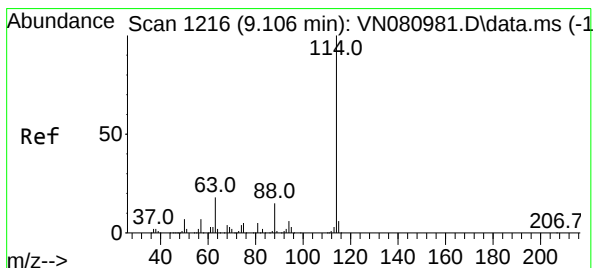
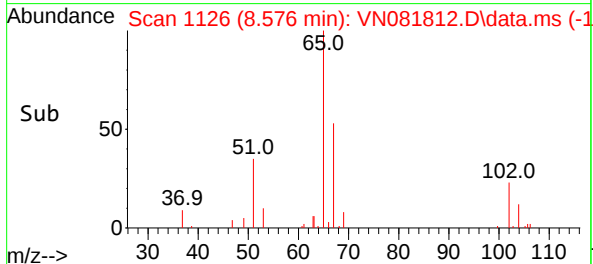
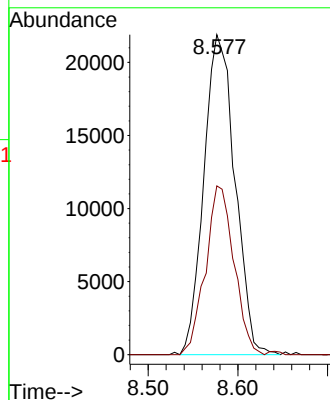
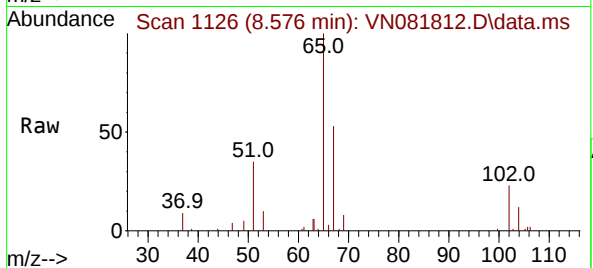
240418002-05-TB

Tgt Ion: 65 Resp: 52632

Ion Ratio Lower Upper

65 100

67 48.3 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: VN081812.D

Acq: 19 Apr 2024 16:28

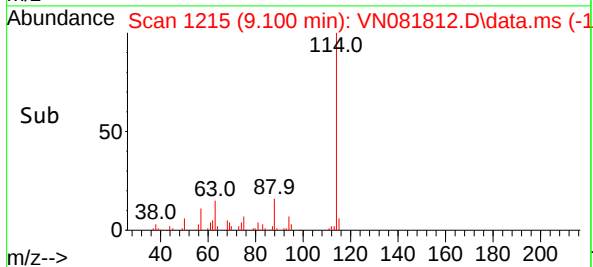
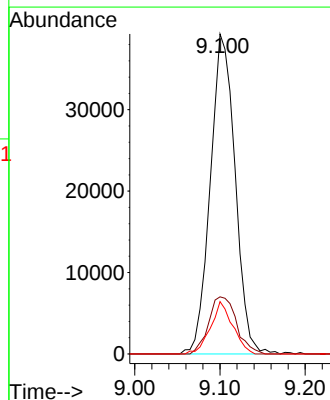
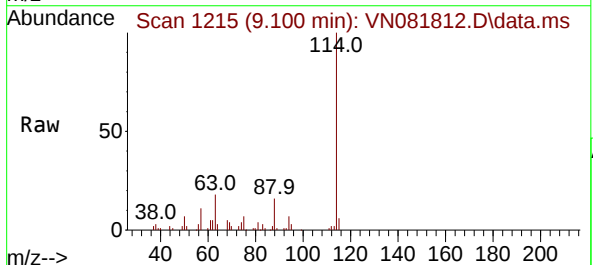
Tgt Ion: 114 Resp: 79647

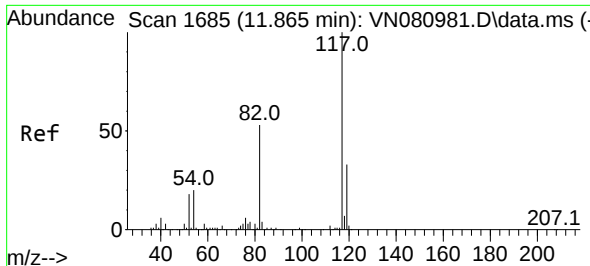
Ion Ratio Lower Upper

114 100

63 20.0 15.9 23.9

88 14.7 12.7 19.1

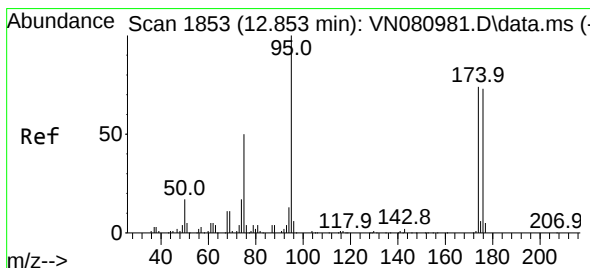
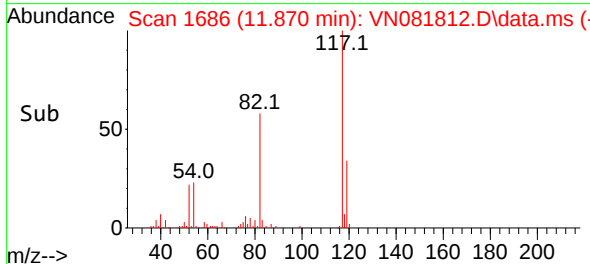
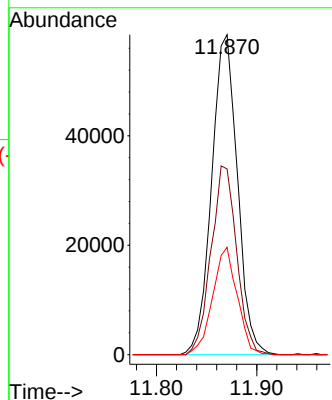
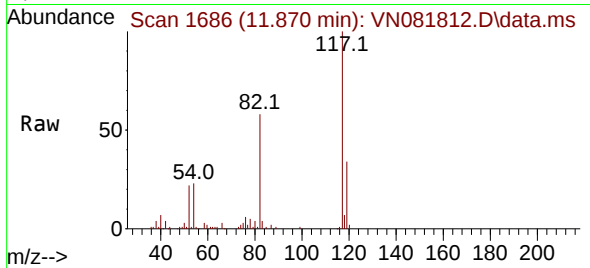




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081812.D
Acq: 19 Apr 2024 16:28

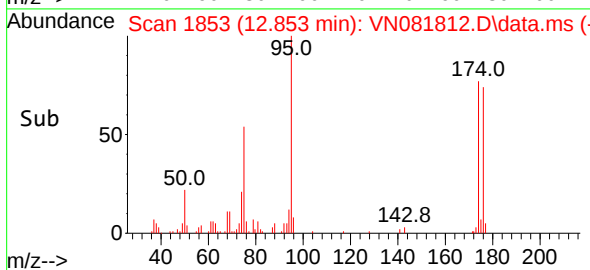
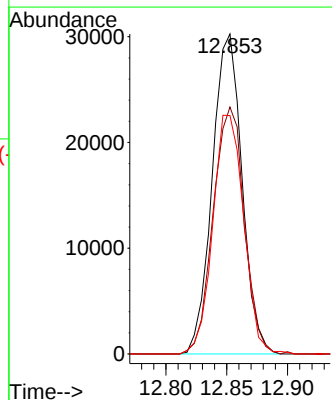
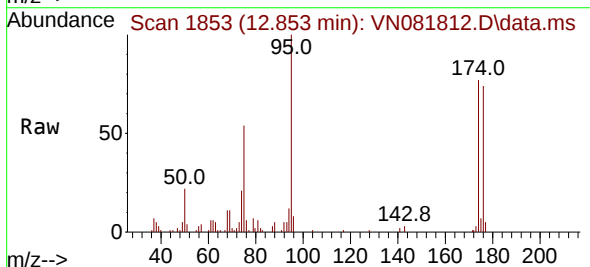
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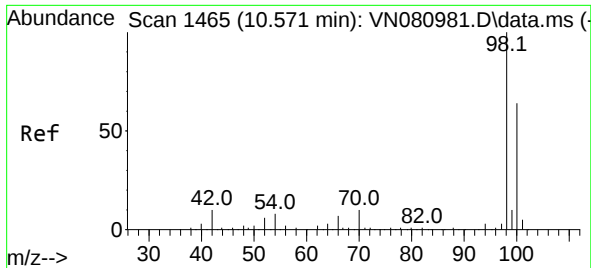
Tgt Ion:117 Resp: 104499
Ion Ratio Lower Upper
117 100
82 58.7 46.6 69.8
119 32.0 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.025 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081812.D
Acq: 19 Apr 2024 16:28

Tgt Ion: 95 Resp: 51414
Ion Ratio Lower Upper
95 100
174 80.5 60.5 90.7
176 77.5 57.8 86.6





#63
Toluene-d8
Concen: 27.766 ug/l
RT: 10.570 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN081812.D
Acq: 19 Apr 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
240418002-05-TB

Tgt Ion: 98 Resp: 116386
Ion Ratio Lower Upper
98 100
100 63.2 52.7 79.1

