

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081810.D
 Acq On : 19 Apr 2024 15:40
 Operator : JC\MD
 Sample : P2190-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240417002-13-TRIP-BLANK

Quant Time: Apr 19 23:41:02 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)

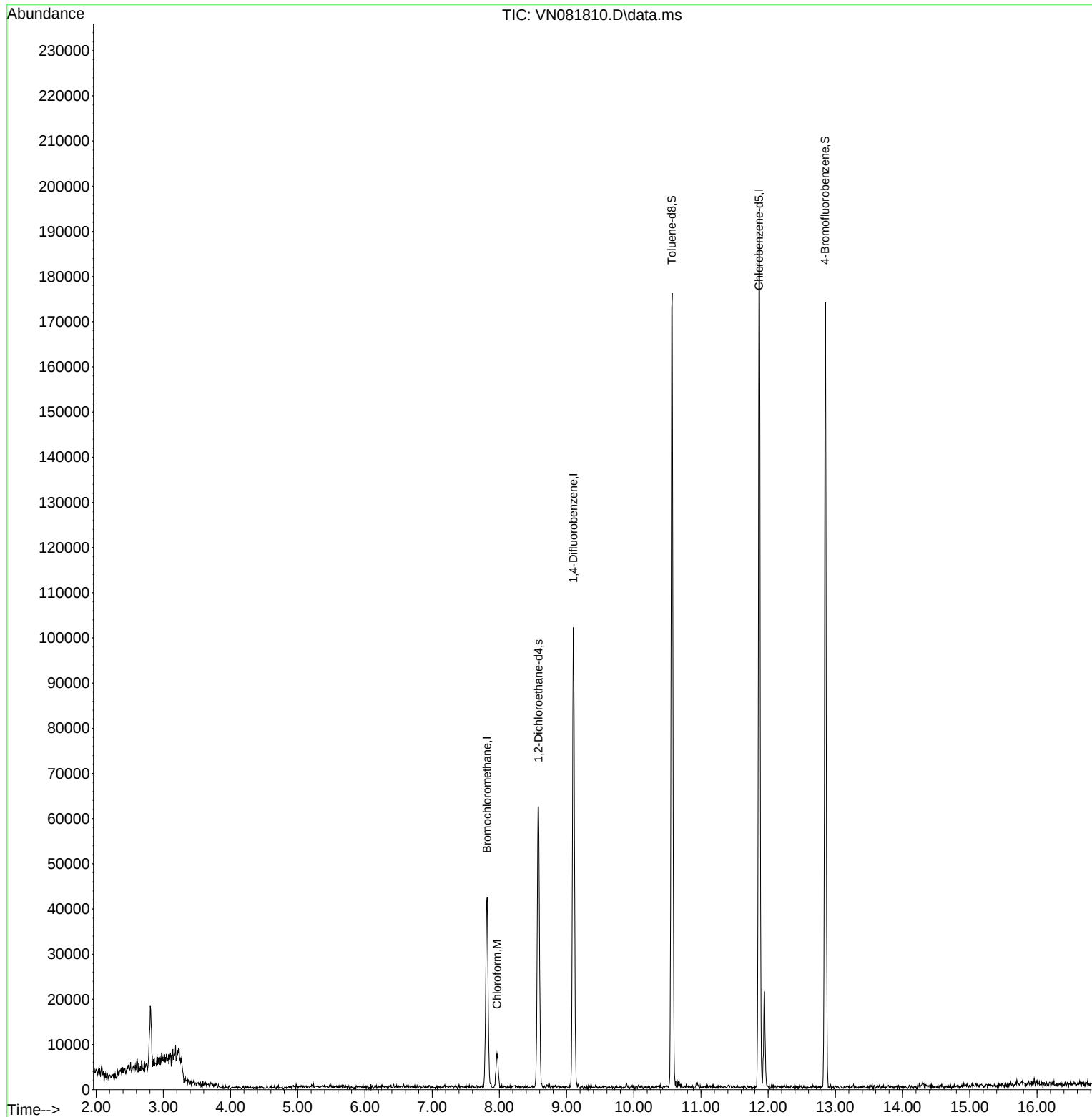
Internal Standards						
1) Bromochloromethane	7.818	128	13714	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	85567	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	108408	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	52689	31.274	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.233%
60) 4-Bromofluorobenzene	12.847	95	56860	26.678	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.933%
63) Toluene-d8	10.565	98	123965	28.507	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.033%
Target Compounds						
25) Chloroform	7.965	83	6784	1.758	ug/l	Qvalue 87

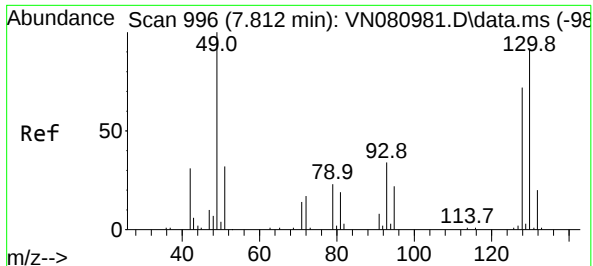
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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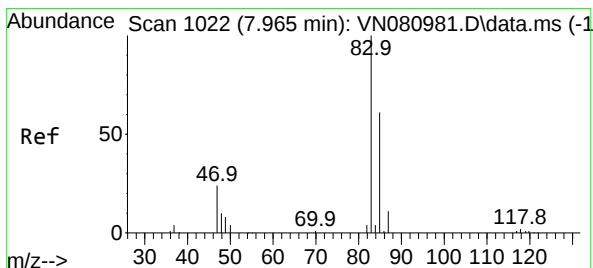
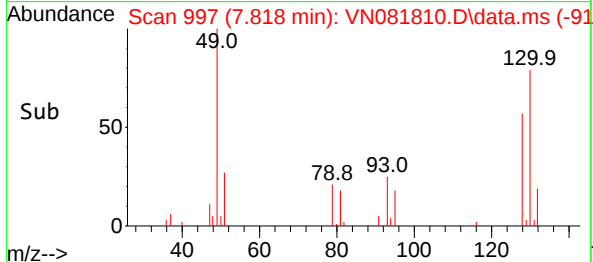
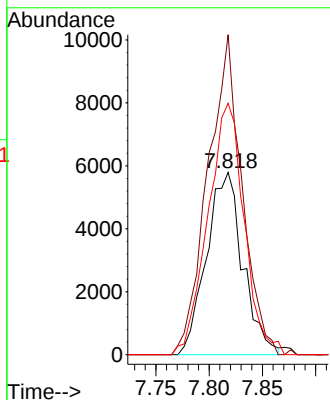
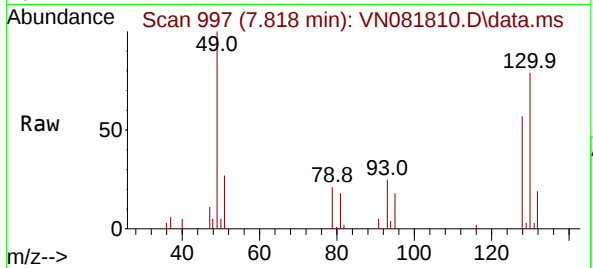




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN081810.D
Acq: 19 Apr 2024 15:40

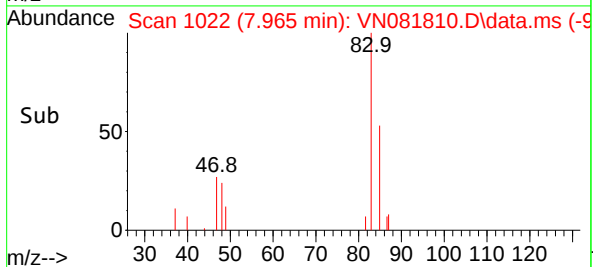
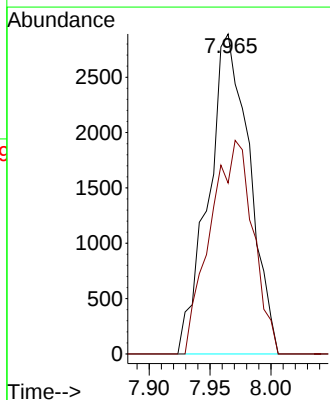
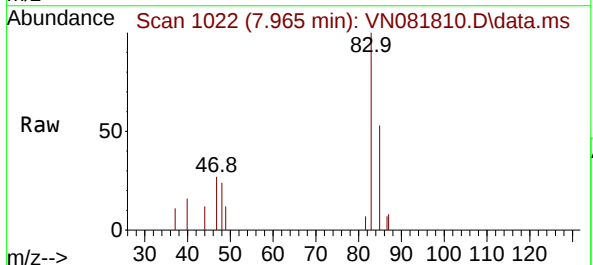
Instrument :
MSVOA_N
ClientSampleId :
240417002-13-TRIP-BLANK

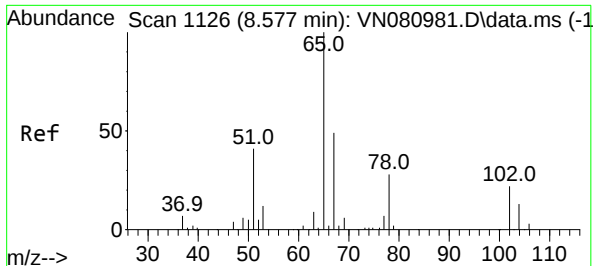
Tgt Ion:	128	Resp:	13714
Ion	Ratio	Lower	Upper
128	100		
49	165.3	0.0	403.7
130	138.1	0.0	323.3



#25
Chloroform
Concen: 1.758 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081810.D
Acq: 19 Apr 2024 15:40

Tgt Ion:	83	Resp:	6784
Ion	Ratio	Lower	Upper
83	100		
85	53.4	50.9	76.3





#27

1,2-Dichloroethane-d4

Concen: 31.274 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN081810.D

Acq: 19 Apr 2024 15:40

Instrument :

MSVOA_N

ClientSampleId :

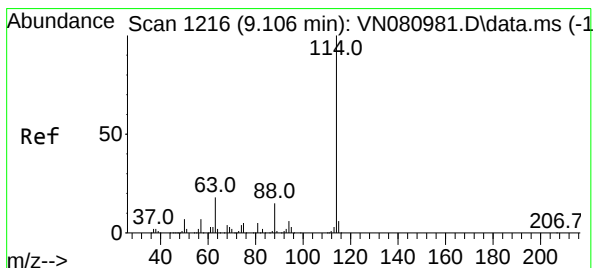
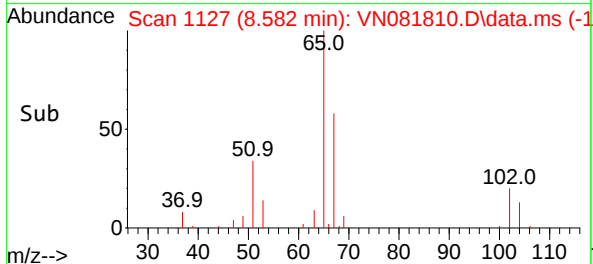
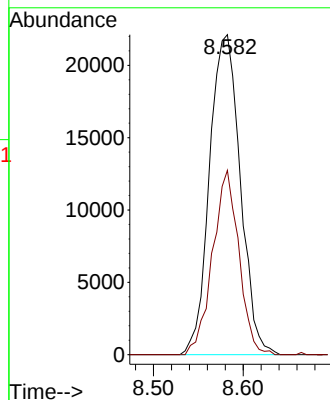
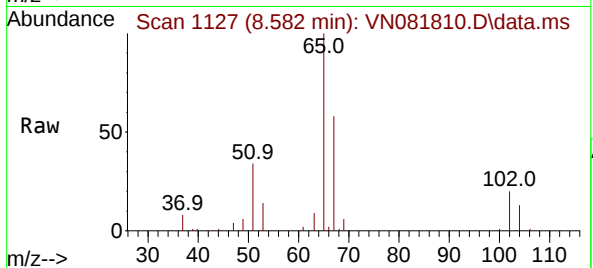
240417002-13-TRIP-BLANK

Tgt Ion: 65 Resp: 52689

Ion Ratio Lower Upper

65 100

67 49.1 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: VN081810.D

Acq: 19 Apr 2024 15:40

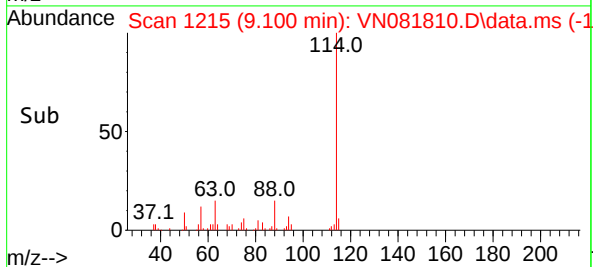
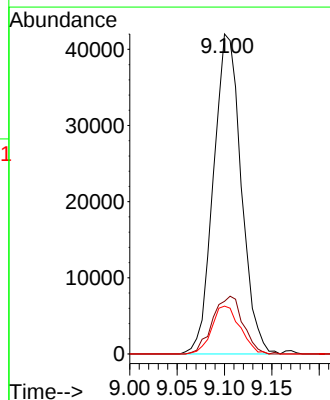
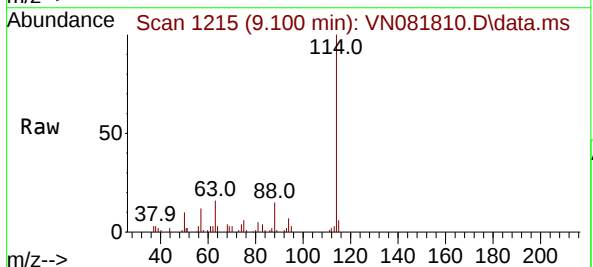
Tgt Ion: 114 Resp: 85567

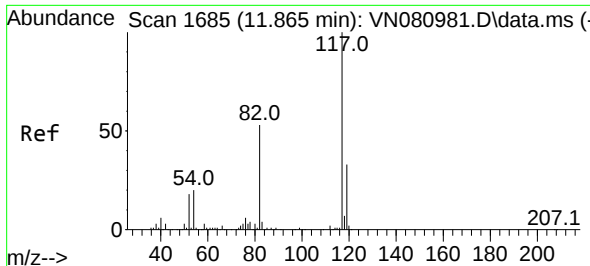
Ion Ratio Lower Upper

114 100

63 19.7 15.9 23.9

88 15.3 12.7 19.1

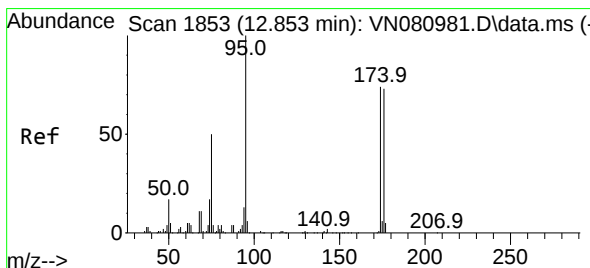
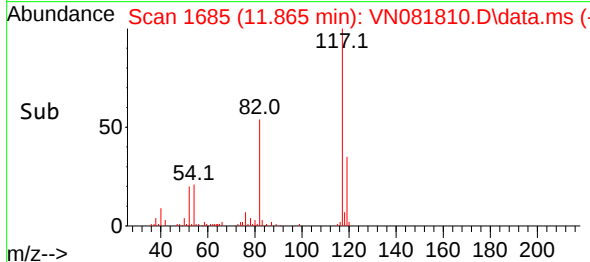
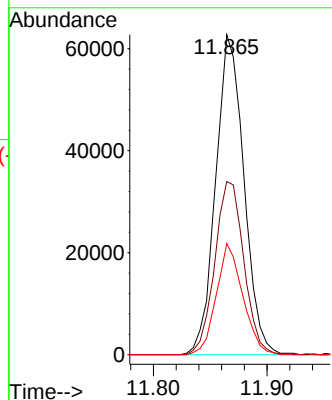
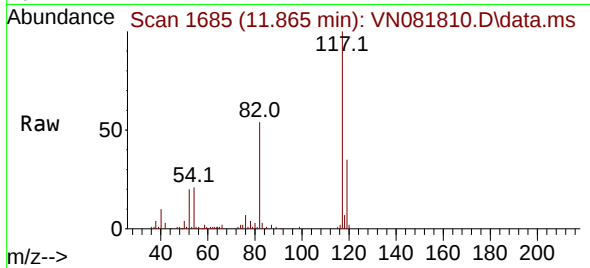




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN081810.D
Acq: 19 Apr 2024 15:40

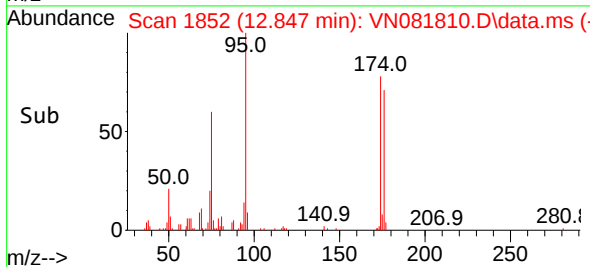
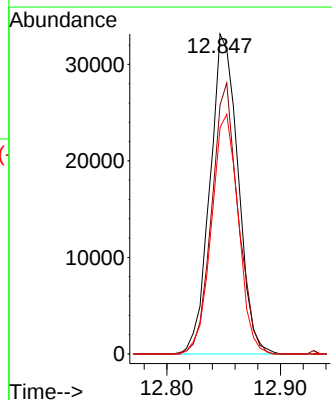
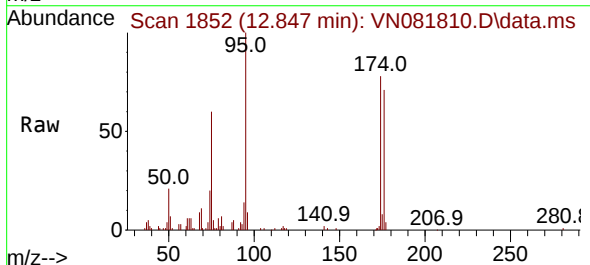
Instrument :
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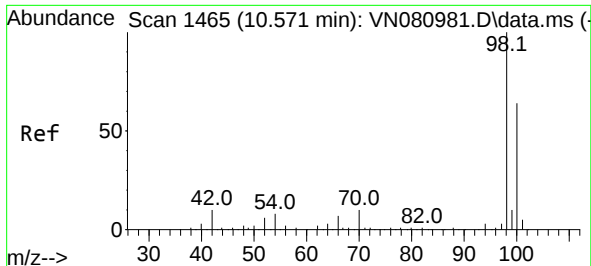
Tgt Ion:117 Resp: 108408
Ion Ratio Lower Upper
117 100
82 55.7 46.6 69.8
119 32.6 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.678 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081810.D
Acq: 19 Apr 2024 15:40

Tgt Ion: 95 Resp: 56860
Ion Ratio Lower Upper
95 100
174 79.7 60.5 90.7
176 71.9 57.8 86.6





#63
Toluene-d8
Concen: 28.507 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN081810.D
Acq: 19 Apr 2024 15:40

Instrument :
MSVOA_N
ClientSampleId :
240417002-13-TRIP-BLANK

Tgt Ion: 98 Resp: 123965
Ion Ratio Lower Upper
98 100
100 62.5 52.7 79.1

