

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073401.D
 Acq On : 08 Jul 2022 18:33
 Operator : JC\MD
 Sample : N3657-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 09 05:29:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	293370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	440054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	201425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	184828	43.642	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.280%
35) Dibromofluoromethane	7.951	113	154722	48.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.380	98	506746	44.308	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.669	95	215126	48.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.900%

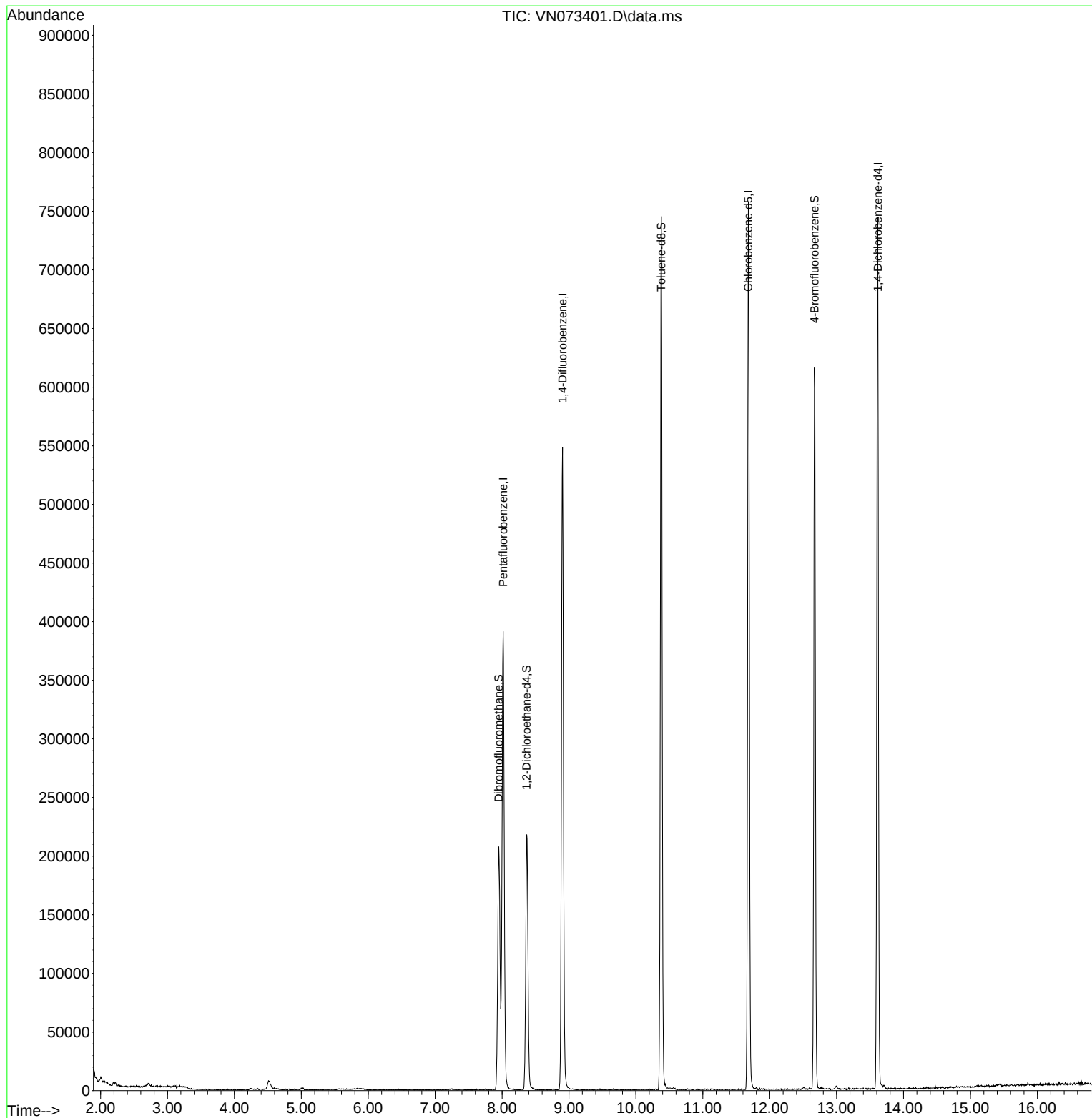
Target Compounds	Qvalue

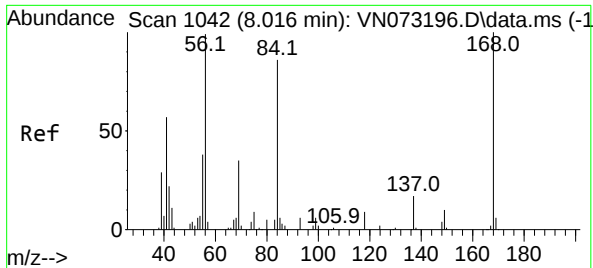
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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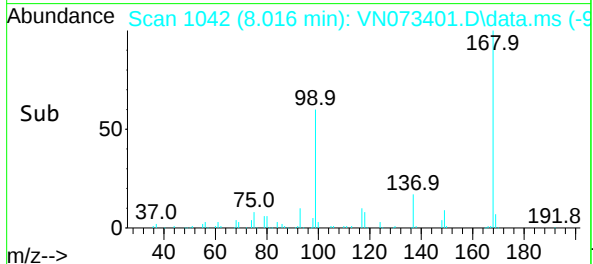
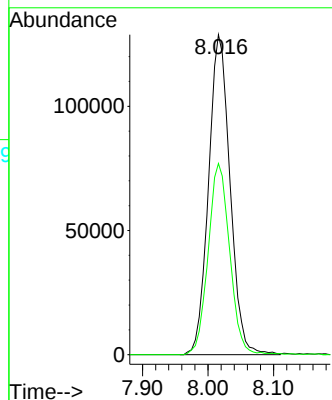
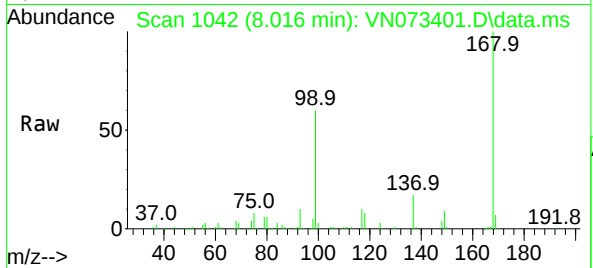




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

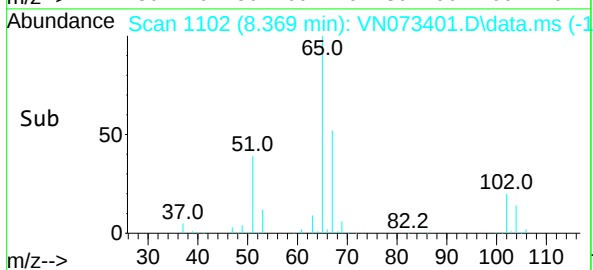
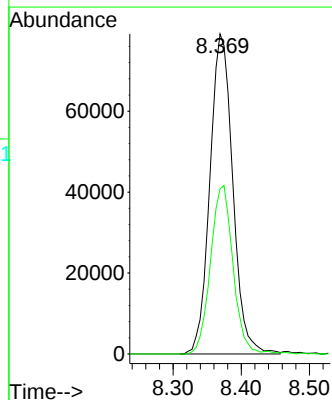
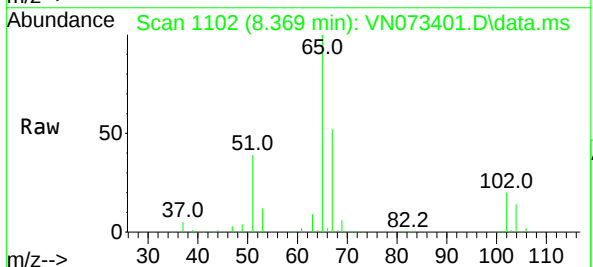
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 293370
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.642 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 65 Resp: 184828
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073401.D

Acq: 08 Jul 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

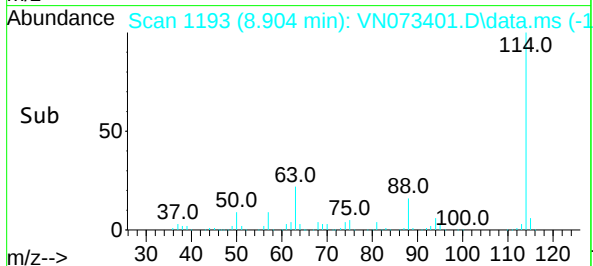
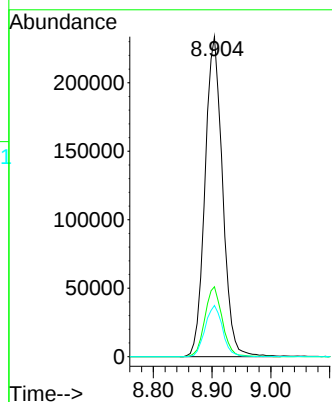
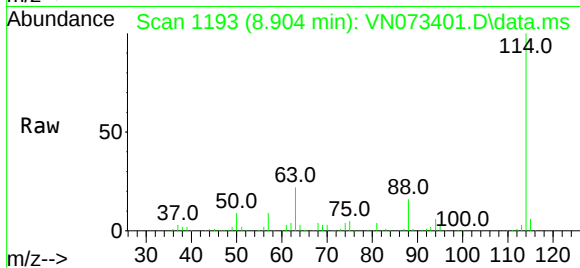
Tgt Ion:114 Resp: 484009

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.048 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073401.D

Acq: 08 Jul 2022 18:33

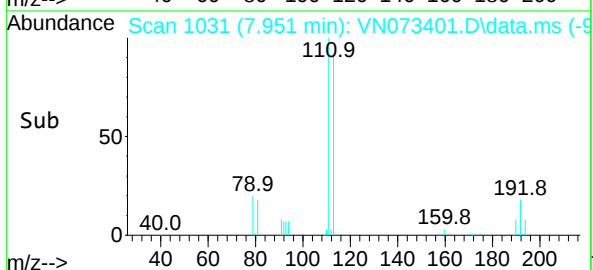
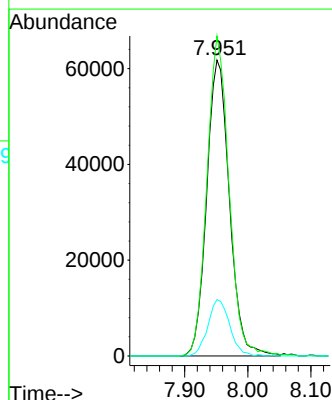
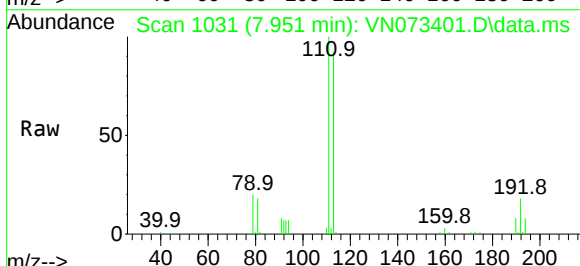
Tgt Ion:113 Resp: 154722

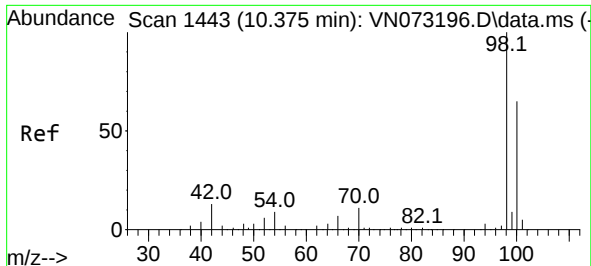
Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 18.2 17.0 25.6

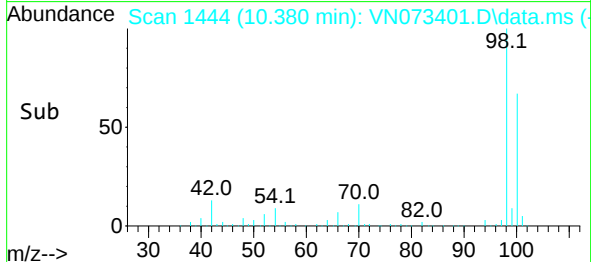
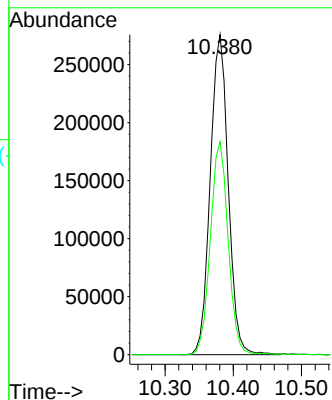
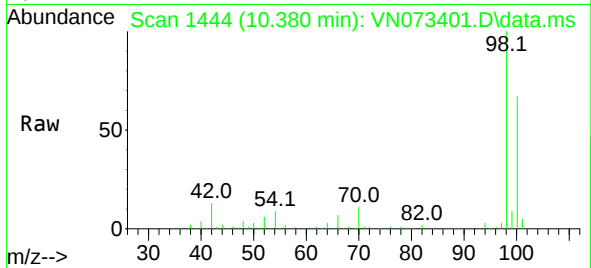




#50
Toluene-d8
Concen: 44.308 ug/l
RT: 10.380 min Scan# 1443
Delta R.T. 0.005 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

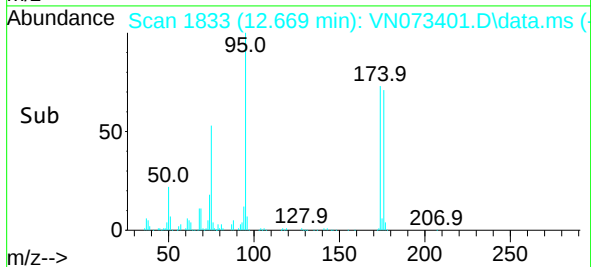
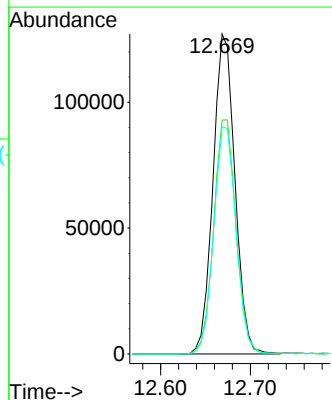
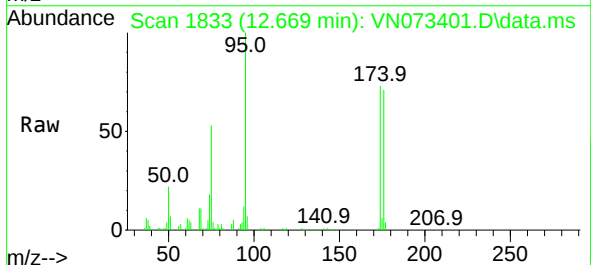
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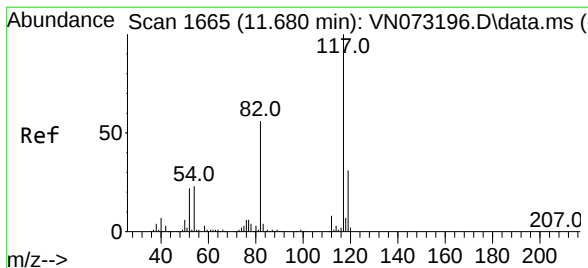
Tgt Ion: 98 Resp: 506746
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion: 95 Resp: 215126
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 72.4 0.0 163.4

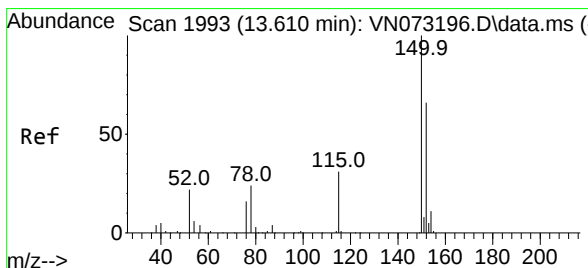
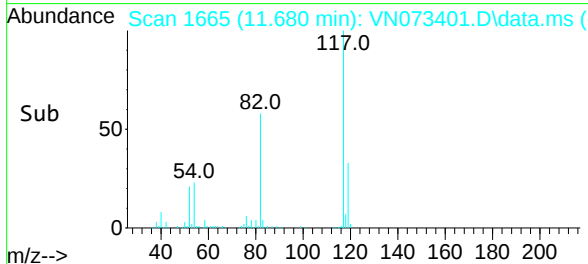
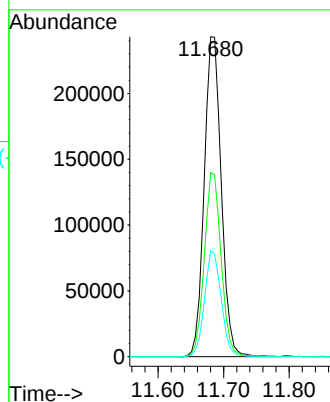
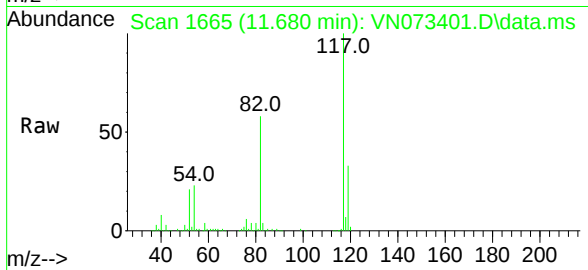




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 440054
Ion Ratio Lower Upper
117 100
82 57.5 44.2 66.2
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073401.D
Acq: 08 Jul 2022 18:33

Tgt Ion:152 Resp: 201425
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 154.3 0.0 356.2

