

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075845.D
 Acq On : 16 Dec 2022 14:14
 Operator : JC\MD
 Sample : N6092-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20221269-FIELD-BLANK

Quant Time: Dec 17 08:39:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	383720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	596249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	195237	46.769	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.540%
35) Dibromofluoromethane	8.177	113	177269	48.008	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.571	98	690500	50.015	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.853	95	212853	46.549	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%

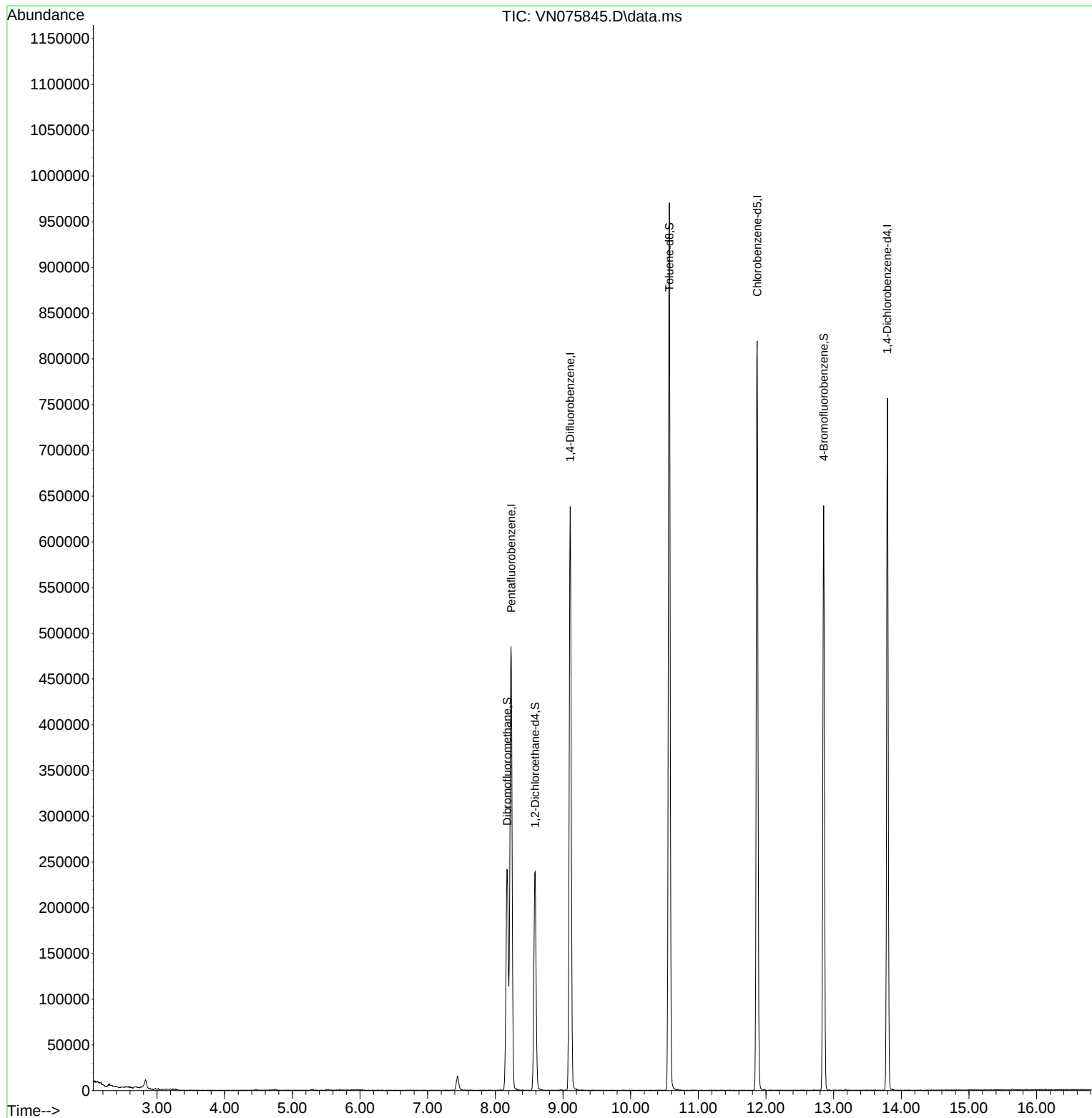
Target Compounds	Qvalue

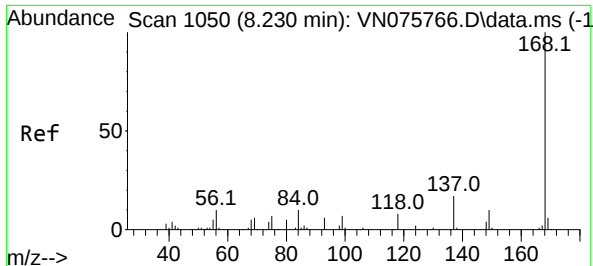
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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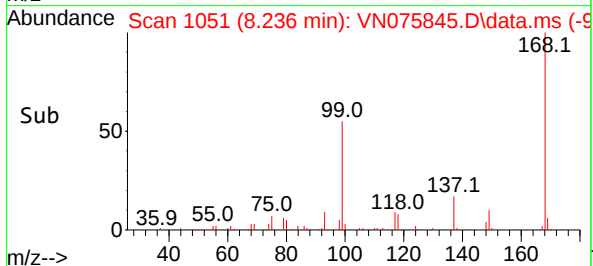
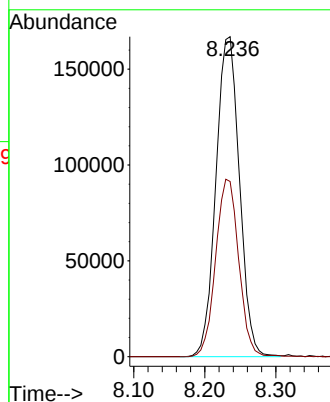
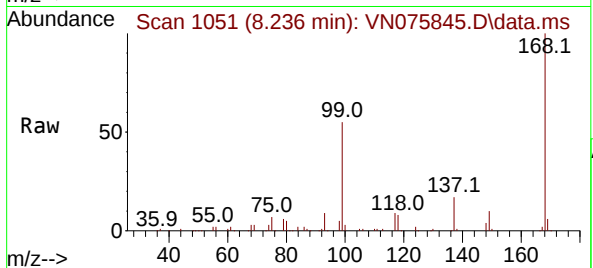




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

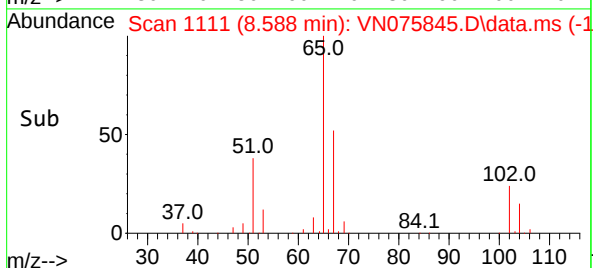
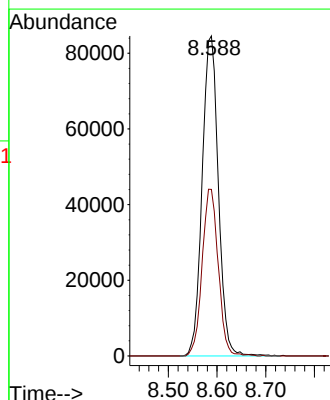
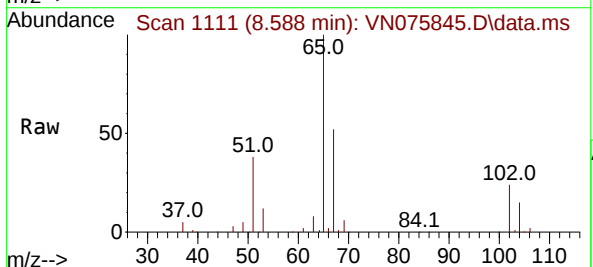
Instrument :
MSVOA_N
ClientSampleId :
20221269-FIELD-BLANK

Tgt Ion:168 Resp: 383720
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.769 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 65 Resp: 195237
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

20221269-FIELD-BLANK

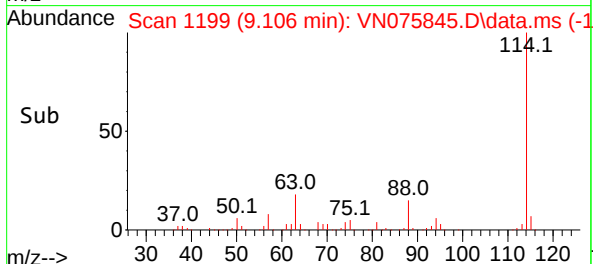
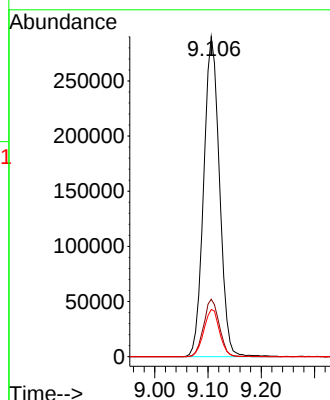
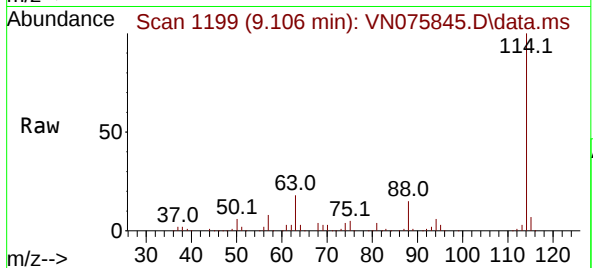
Tgt Ion:114 Resp: 596249

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.008 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075845.D

Acq: 16 Dec 2022 14:14

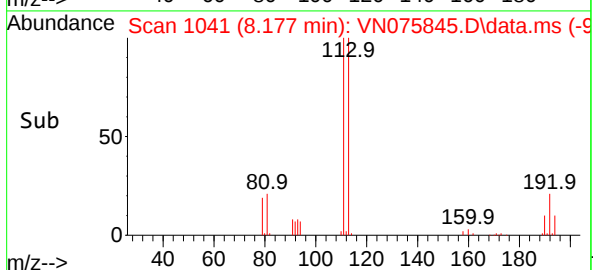
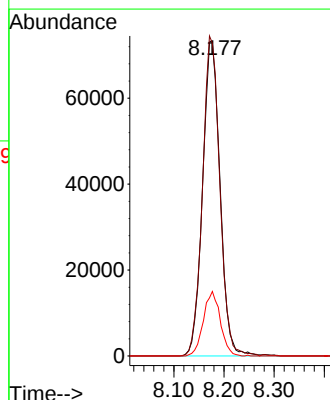
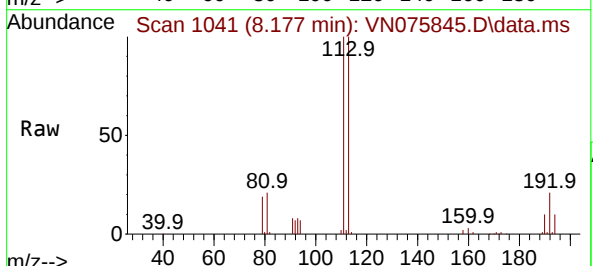
Tgt Ion:113 Resp: 177269

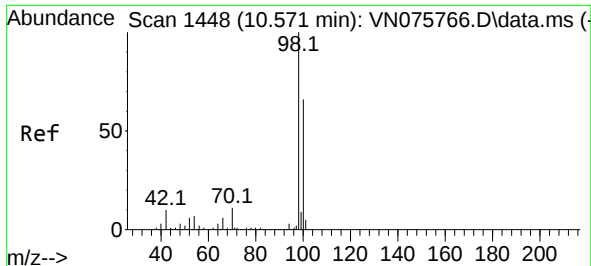
Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

192 19.9 16.1 24.1

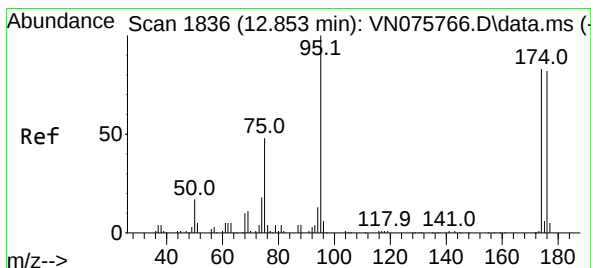
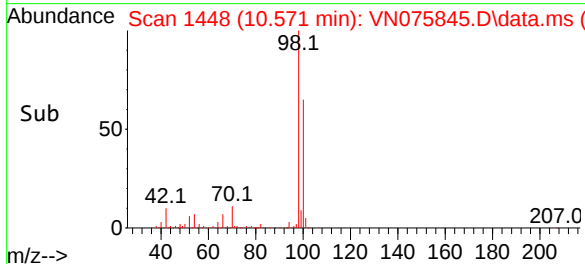
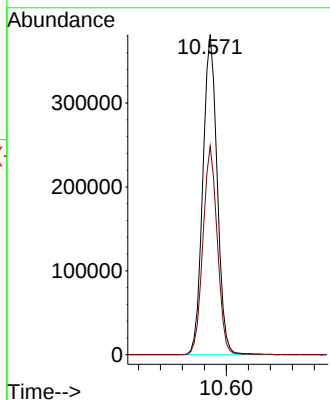
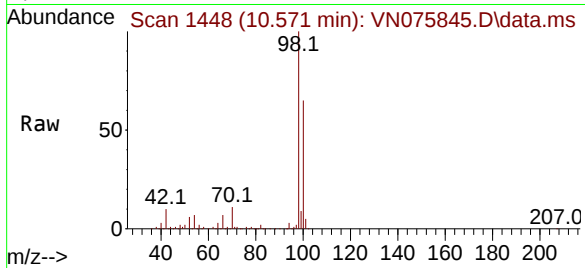




#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

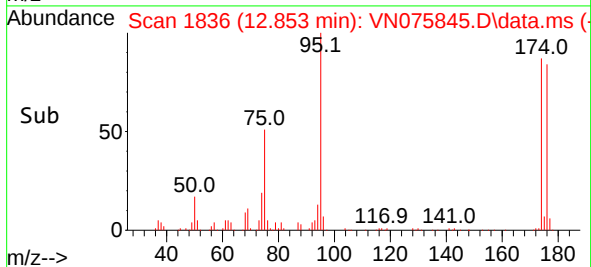
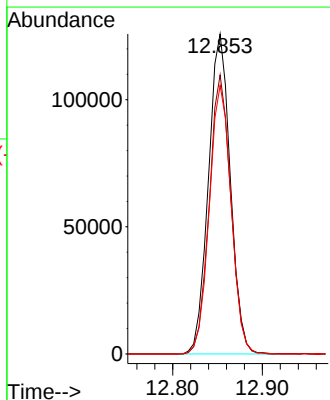
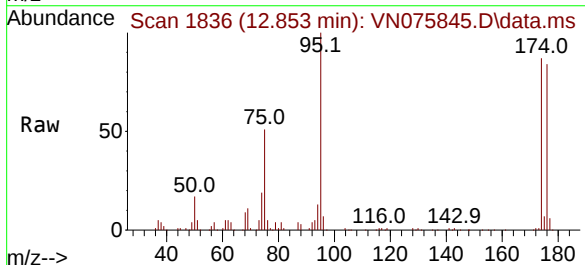
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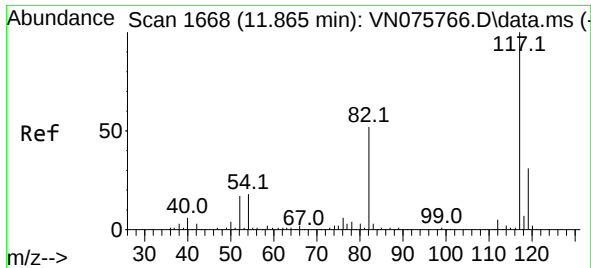
Tgt Ion: 98 Resp: 690500
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion: 95 Resp: 212853
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 83.6 0.0 169.2

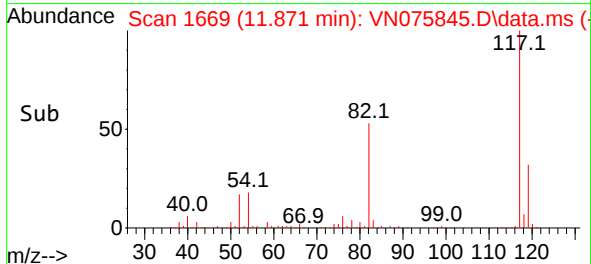
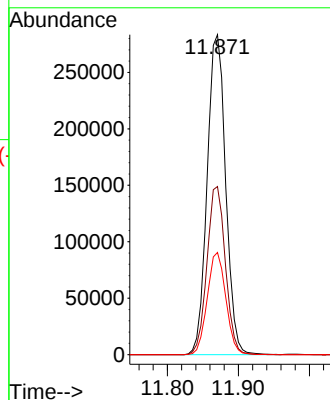
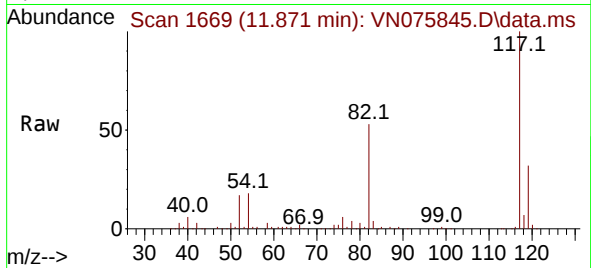




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
20221269-FIELD-BLANK

Tgt Ion:117 Resp: 513901
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075845.D
Acq: 16 Dec 2022 14:14

Tgt Ion:152 Resp: 207070
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 158.9 0.0 347.0

