

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122722\
 Data File : VN075977.D
 Acq On : 27 Dec 2022 10:35
 Operator : JC\MD
 Sample : VN1227MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1227MBL01

Quant Time: Dec 28 04:43:04 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	8.230	168	297560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	450716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	386012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147807	45.659	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.320%
35) Dibromofluoromethane	8.171	113	134696	48.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	10.571	98	515227	49.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.853	95	156867	45.383	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%

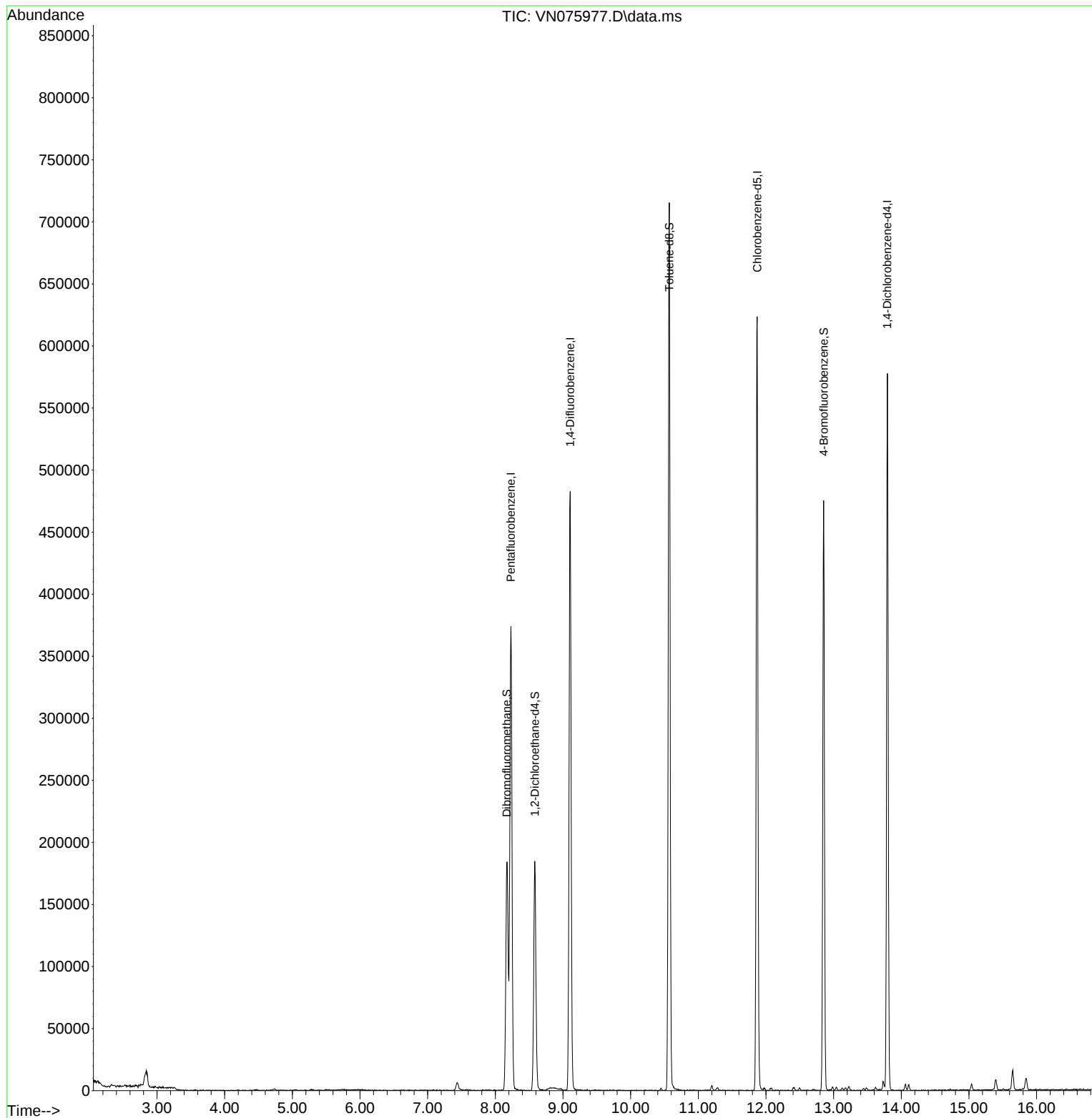
Target Compounds	Qvalue

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

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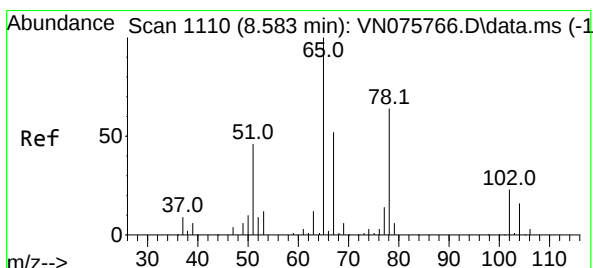
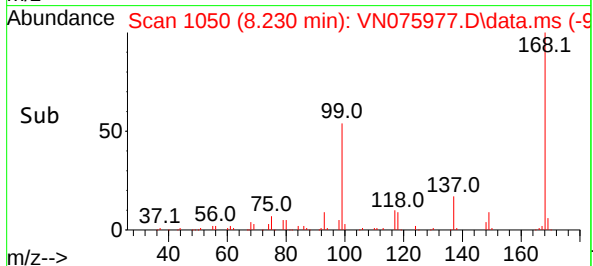
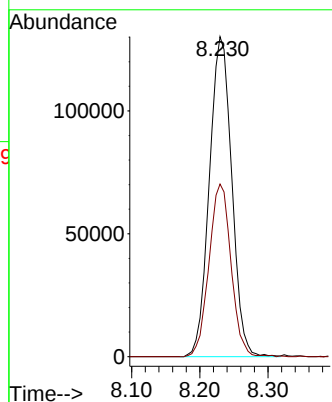
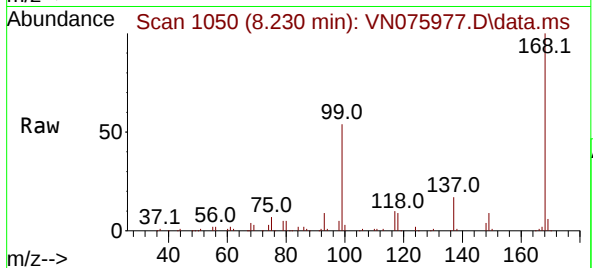




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075977.D
Acq: 27 Dec 2022 10:35

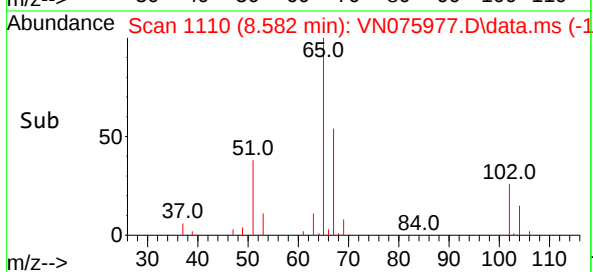
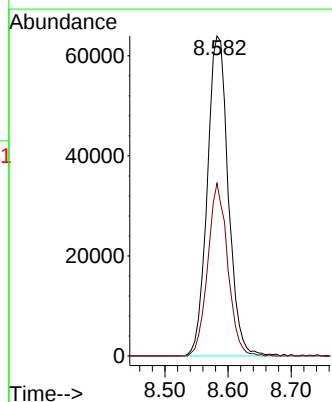
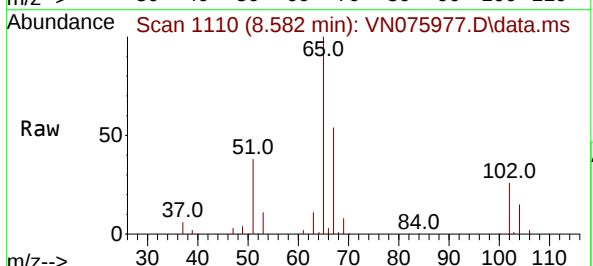
Instrument :
MSVOA_N
ClientSampleId :
VN1227MBL01

Tgt Ion:168 Resp: 297560
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.659 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075977.D
Acq: 27 Dec 2022 10:35

Tgt Ion: 65 Resp: 147807
Ion Ratio Lower Upper
65 100
67 51.2 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: VN075977.D

Acq: 27 Dec 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN1227MBL01

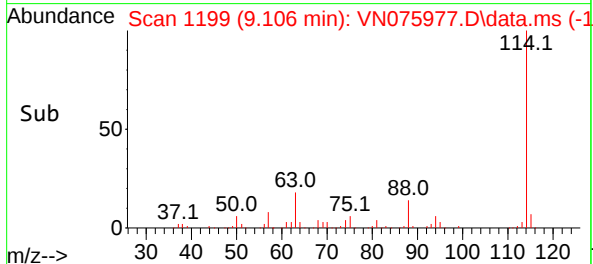
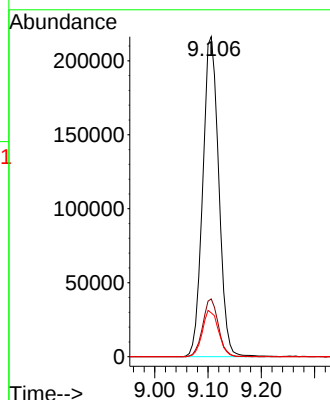
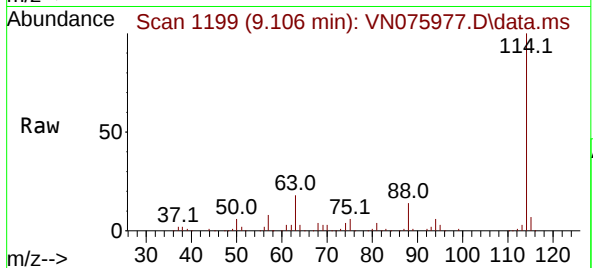
Tgt Ion:114 Resp: 450716

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 13.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.257 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075977.D

Acq: 27 Dec 2022 10:35

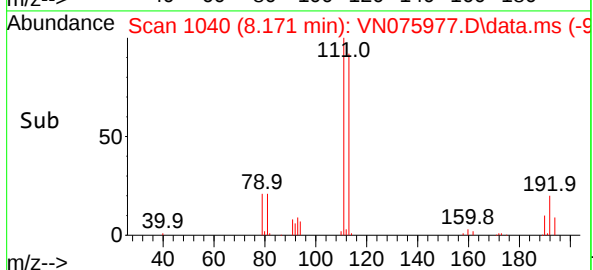
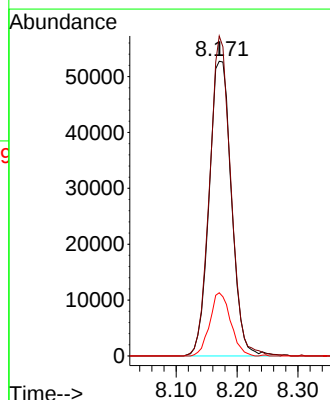
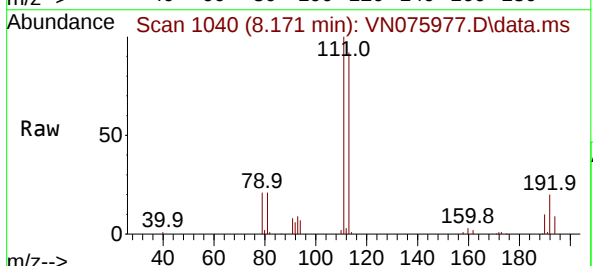
Tgt Ion:113 Resp: 134696

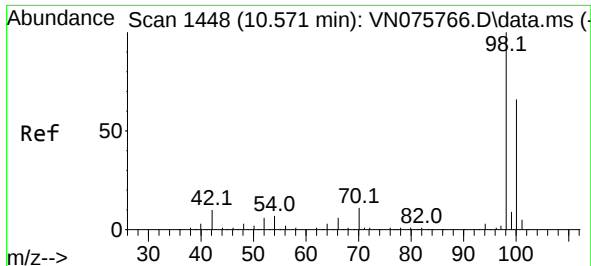
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 20.1 16.1 24.1





#50

Toluene-d8

Concen: 49.370 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075977.D

Acq: 27 Dec 2022 10:35

Instrument :

MSVOA_N

ClientSampleId :

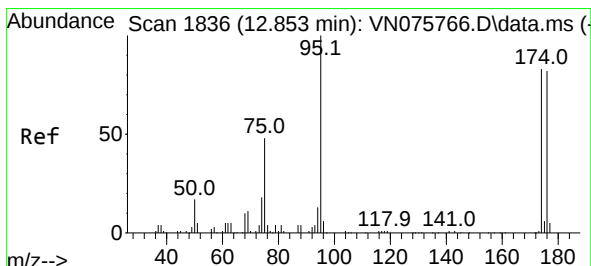
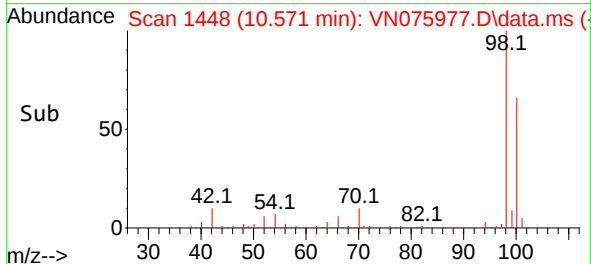
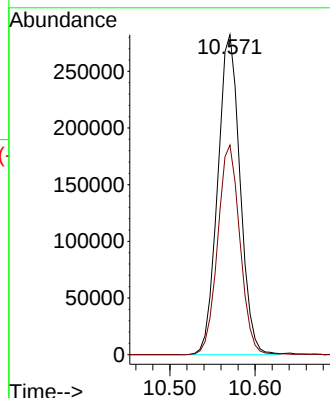
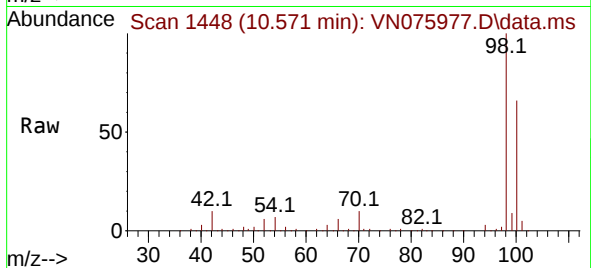
VN1227MBL01

Tgt Ion: 98 Resp: 515227

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.383 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075977.D

Acq: 27 Dec 2022 10:35

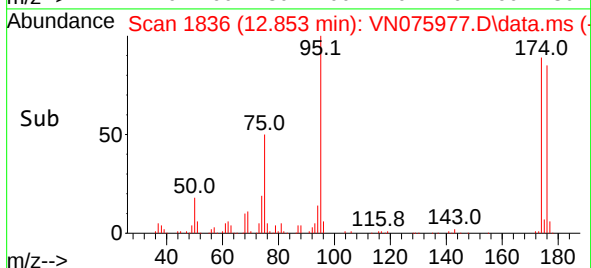
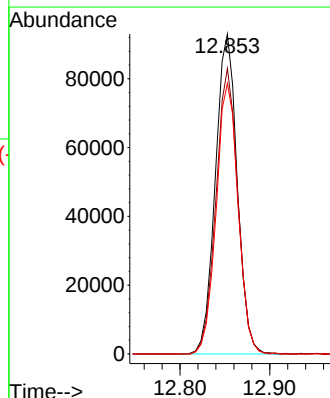
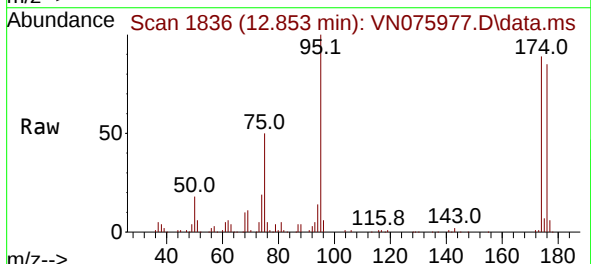
Tgt Ion: 95 Resp: 156867

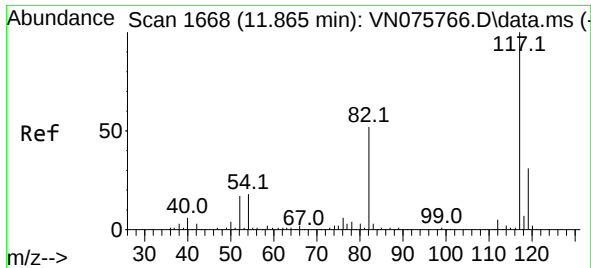
Ion Ratio Lower Upper

95 100

174 89.4 0.0 171.6

176 84.8 0.0 169.2

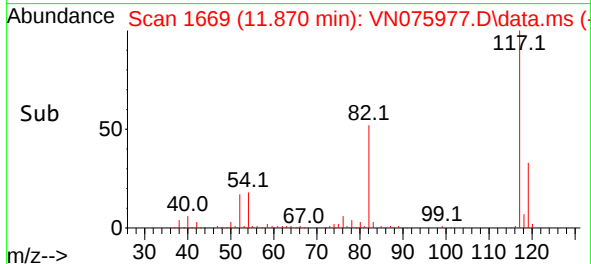
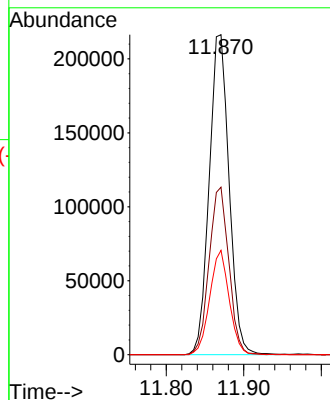
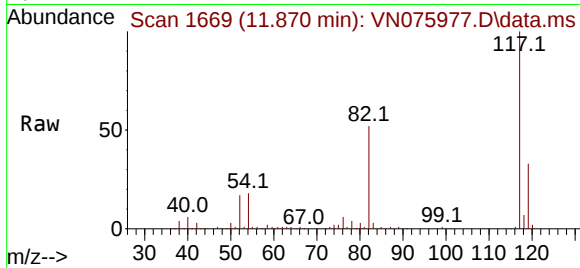




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075977.D
Acq: 27 Dec 2022 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN1227MBL01

Tgt Ion:117 Resp: 386012
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.6 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: VN075977.D
Acq: 27 Dec 2022 10:35

Tgt Ion:152 Resp: 161700
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 155.5 0.0 347.0

