

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073456.D
 Acq On : 01 Jun 2022 19:12
 Operator : VA/SY
 Sample : N3108-02
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-2

Quant Time: Jun 02 08:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	153617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	291552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	344600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	110744	65.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.460%
35) Dibromofluoromethane	7.908	113	111057	57.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.460%
50) Toluene-d8	10.332	98	374138	52.756	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.620	95	153537	61.691	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.380%

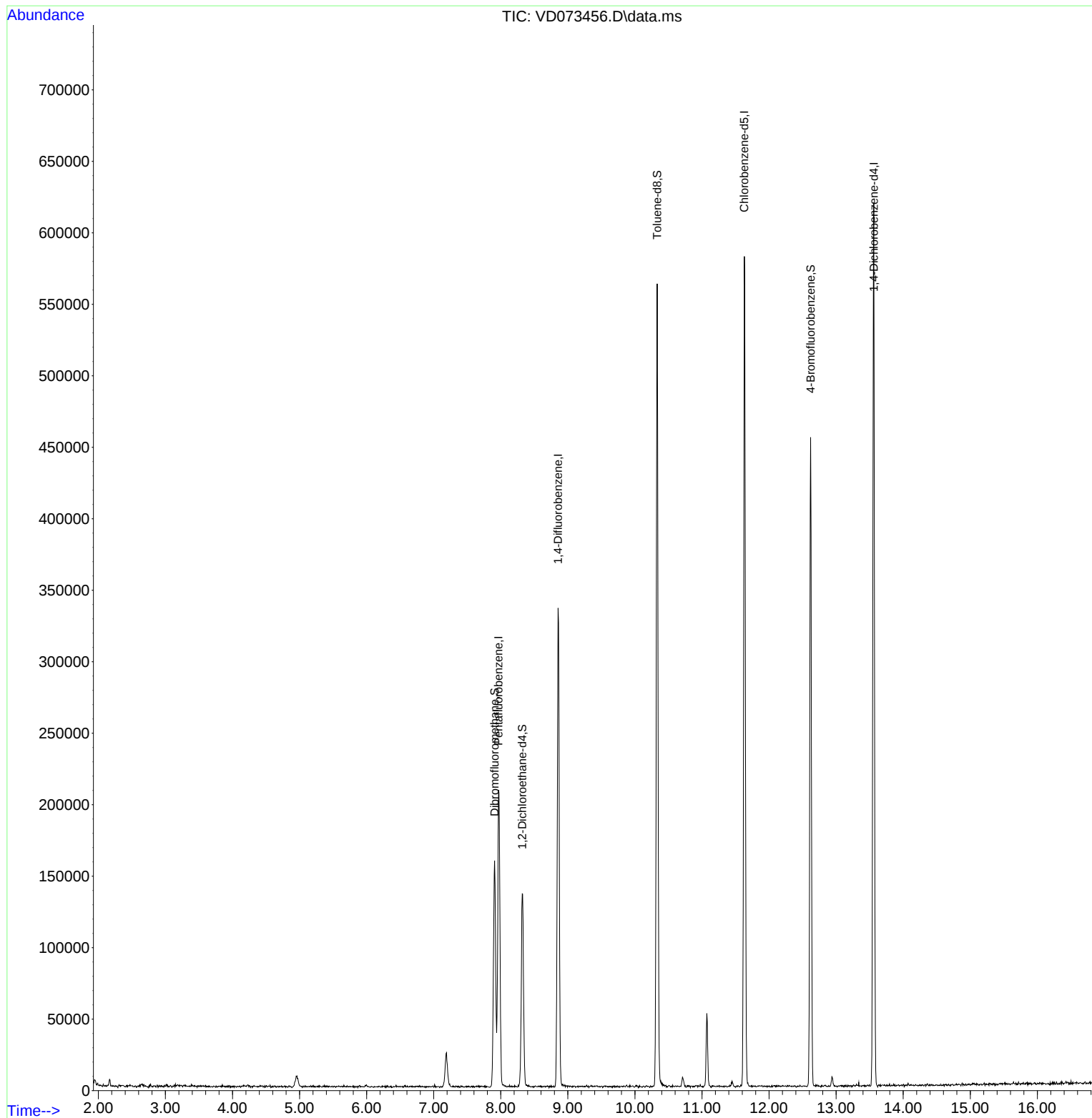
Target Compounds	Qvalue

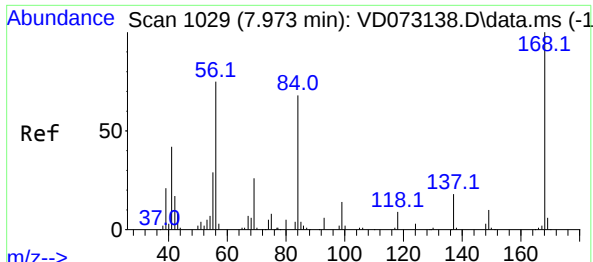
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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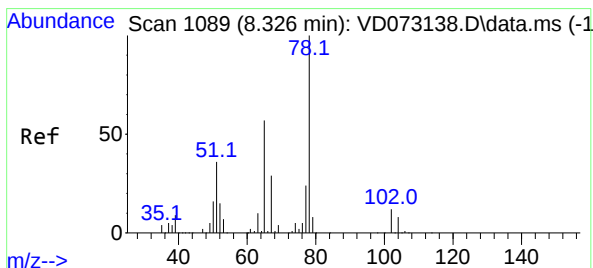
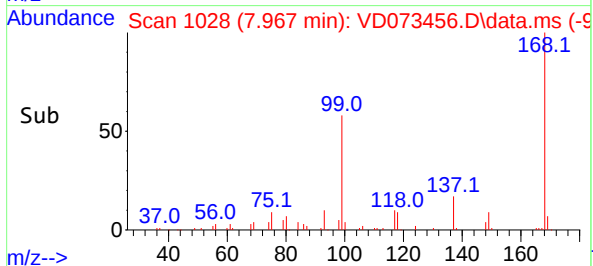
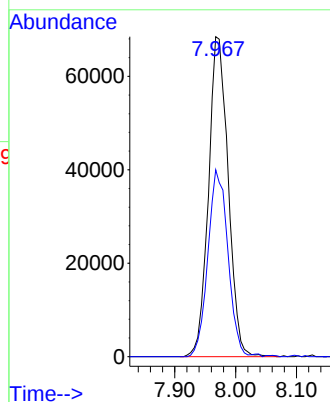
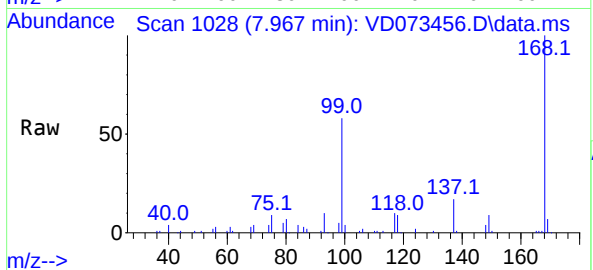




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

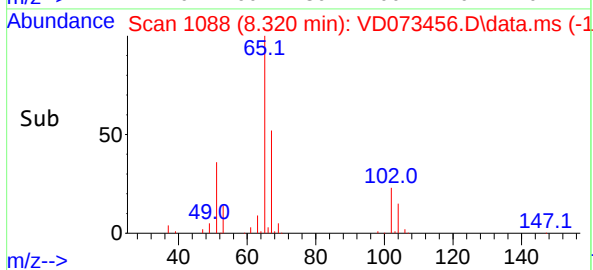
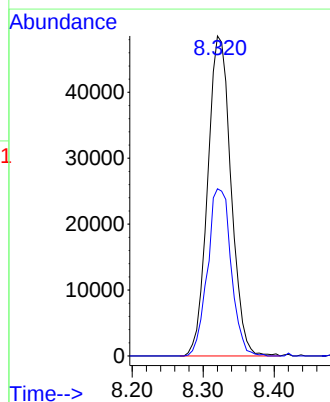
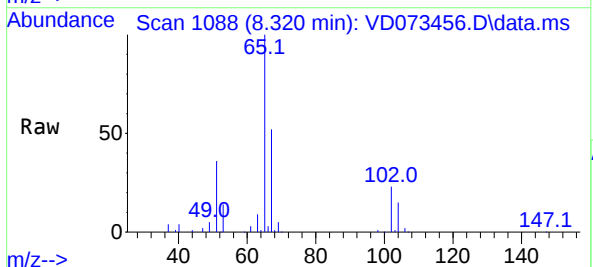
Instrument :
MSVOA_D
ClientSampleId :
NP-2

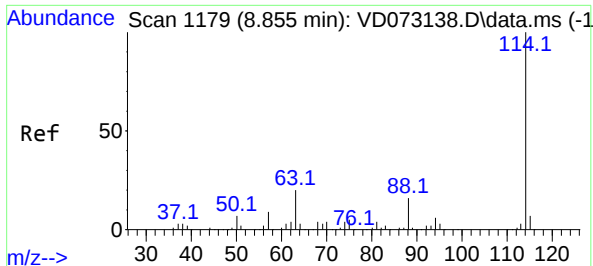
Tgt Ion:168 Resp: 153617
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 65.232 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

Tgt Ion: 65 Resp: 110744
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

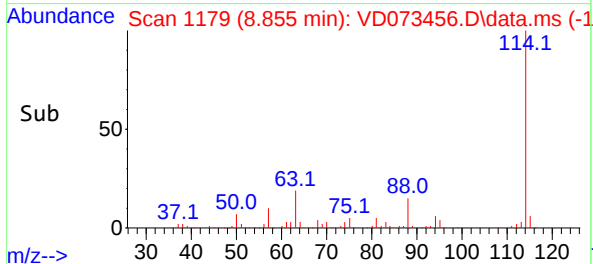
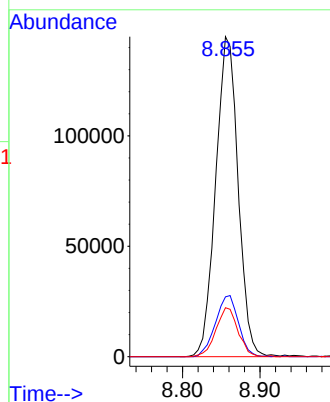
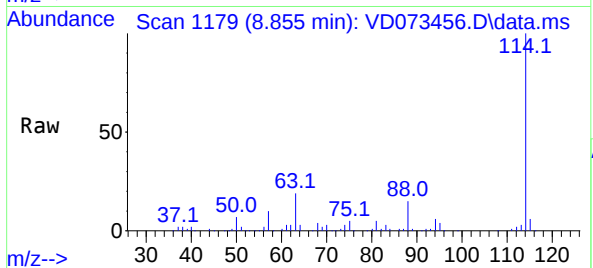




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

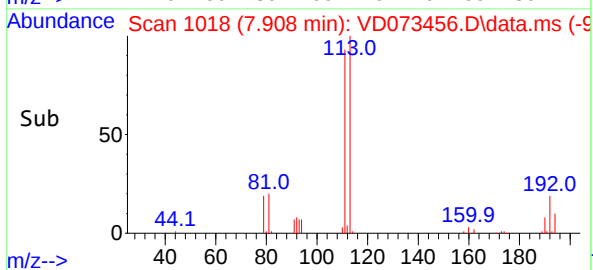
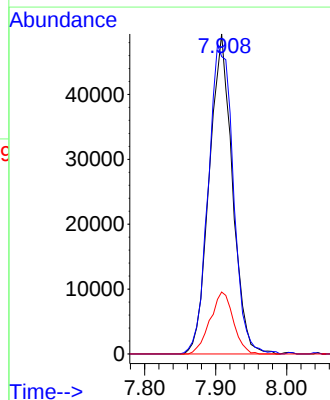
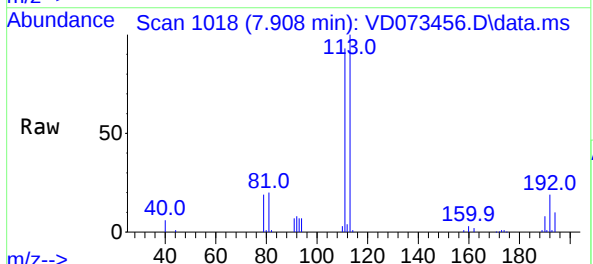
Instrument :
MSVOA_D
ClientSampleId :
NP-2

Tgt Ion:114 Resp: 291552
Ion Ratio Lower Upper
114 100
63 18.7 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 57.726 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

Tgt Ion:113 Resp: 111057
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 19.5 14.6 21.8

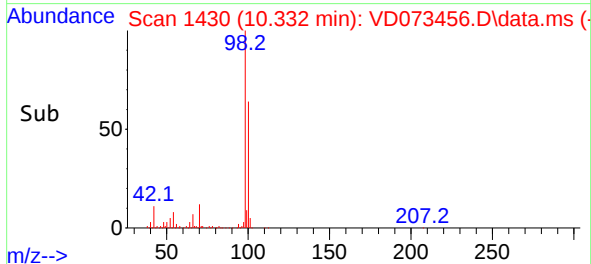
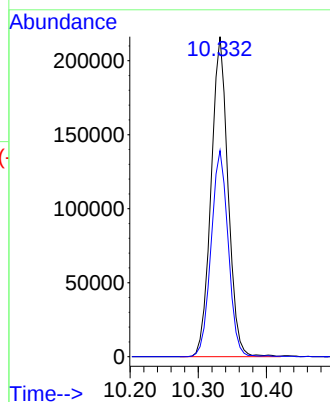
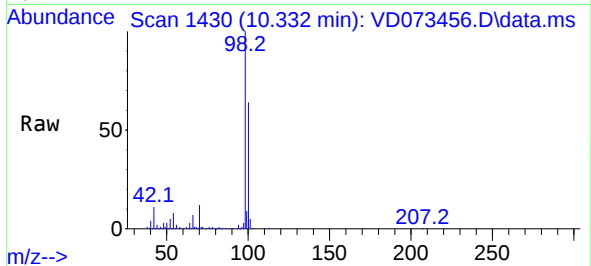




#50
Toluene-d8
Concen: 52.756 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

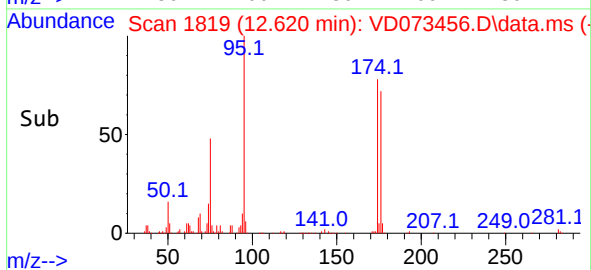
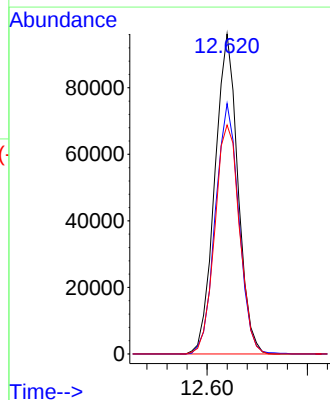
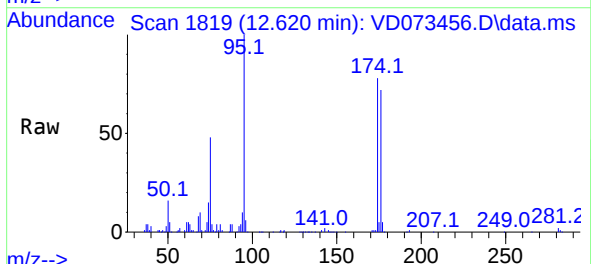
Instrument :
MSVOA_D
ClientSampleId :
NP-2

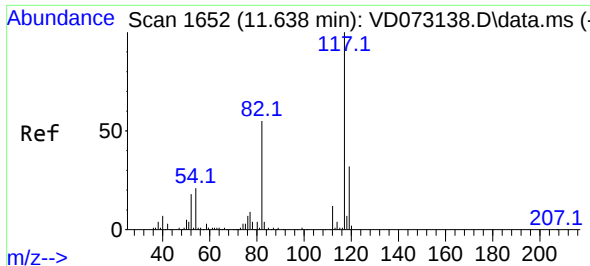
Tgt Ion: 98 Resp: 374138
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.691 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

Tgt Ion: 95 Resp: 153537
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 76.3 0.0 145.4

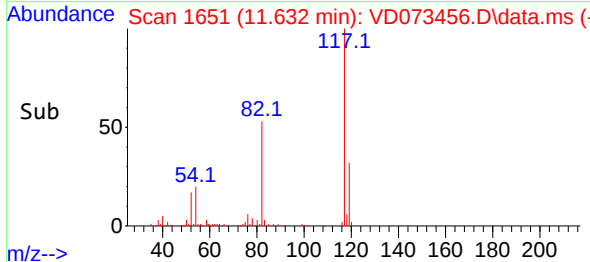
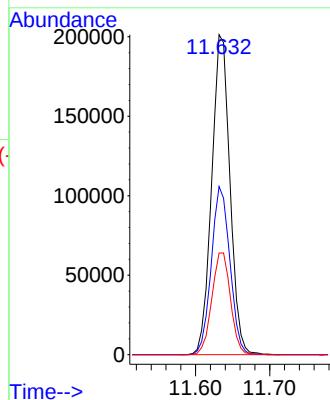
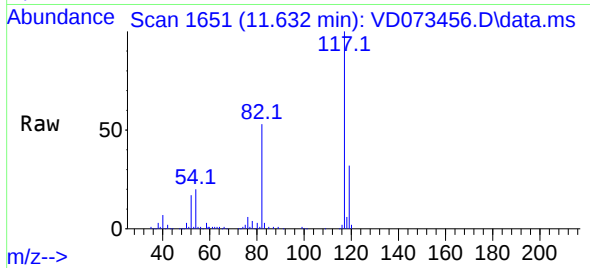




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

Instrument :
MSVOA_D
ClientSampleId :
NP-2

Tgt Ion:117 Resp: 344600
Ion Ratio Lower Upper
117 100
82 52.6 45.3 67.9
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073456.D
Acq: 01 Jun 2022 19:12

Tgt Ion:152 Resp: 168376
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 157.2 0.0 348.6

