

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074931.D
 Acq On : 14 Nov 2022 13:40
 Operator : VA/SY
 Sample : N5607-03RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-36RE

Quant Time: Nov 15 00:16:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	10631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	21188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	9265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11249	173.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	347.860%#
35) Dibromofluoromethane	7.804	113	9331	71.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.880%
50) Toluene-d8	10.269	98	26350	61.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.500%
62) 4-Bromofluorobenzene	12.575	95	7921	59.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.920%

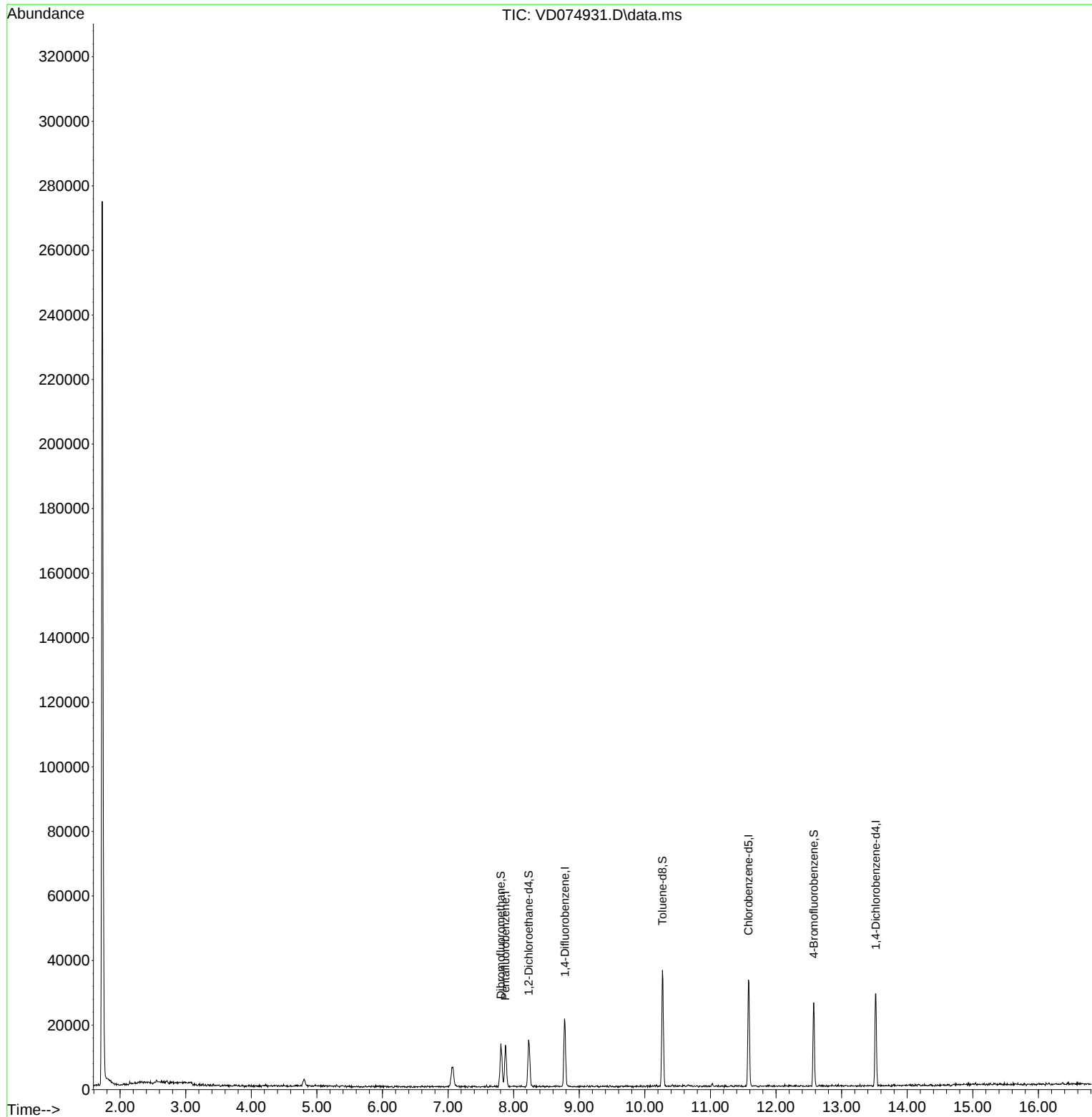
Target Compounds	Qvalue

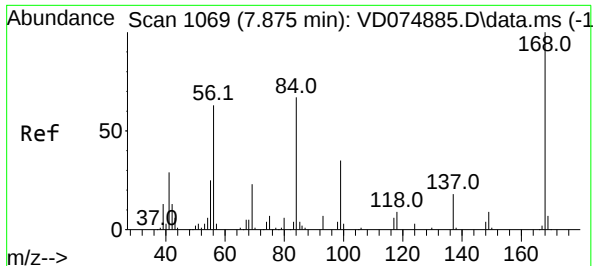
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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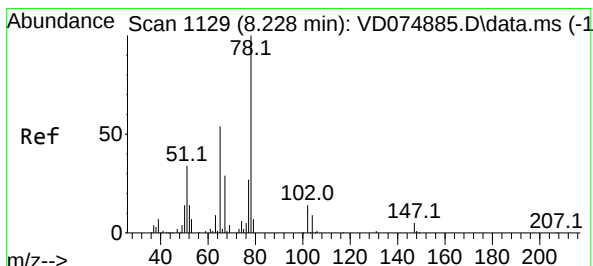
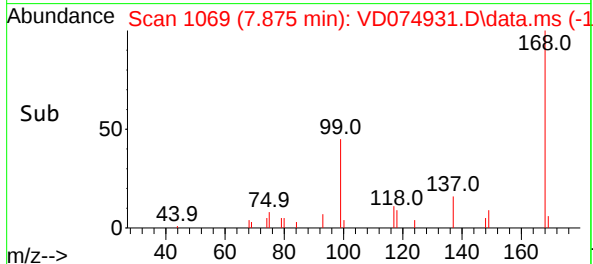
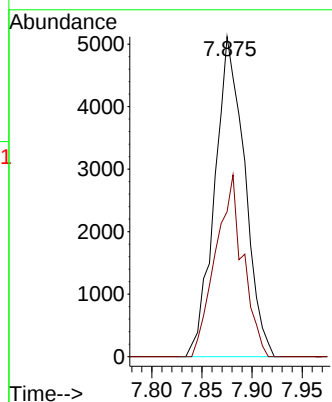
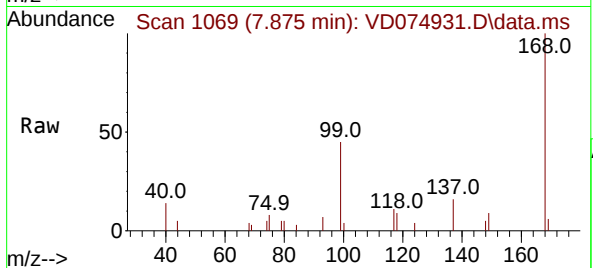




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

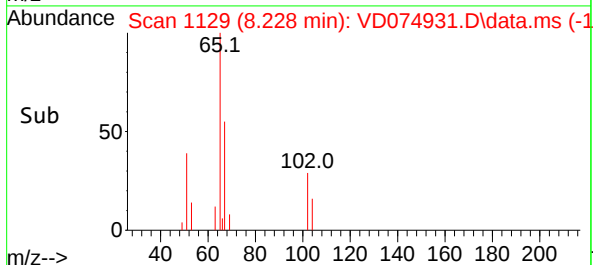
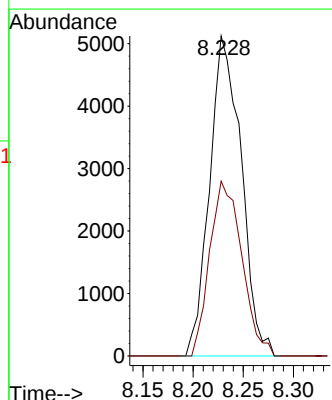
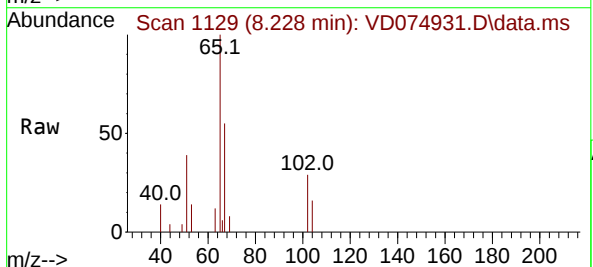
Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

Tgt Ion:168 Resp: 10631
Ion Ratio Lower Upper
168 100
99 45.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 173.931 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 65 Resp: 11249
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

Instrument :

MSVOA_D

ClientSampleId :

SB-36RE

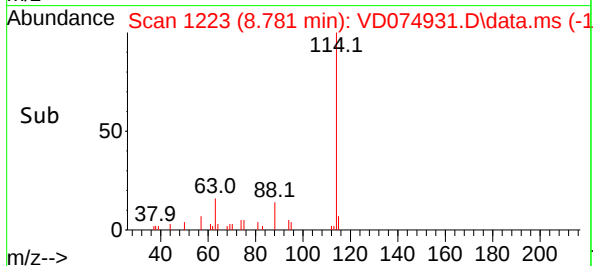
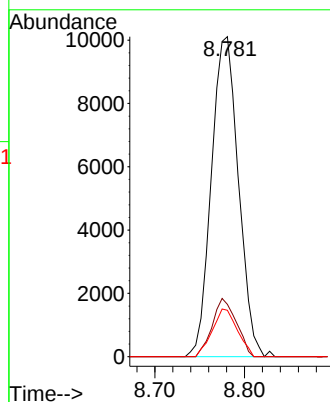
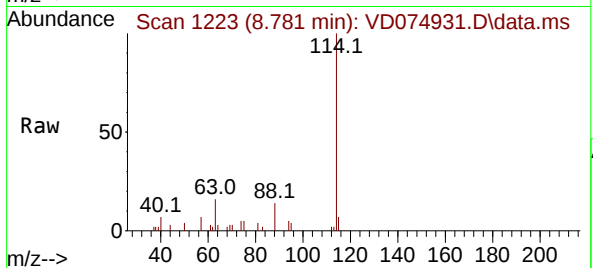
Tgt Ion:114 Resp: 21188

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 14.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 71.442 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074931.D

Acq: 14 Nov 2022 13:40

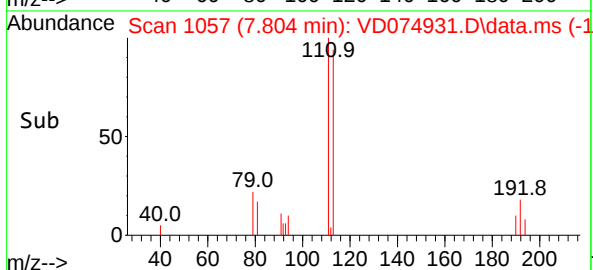
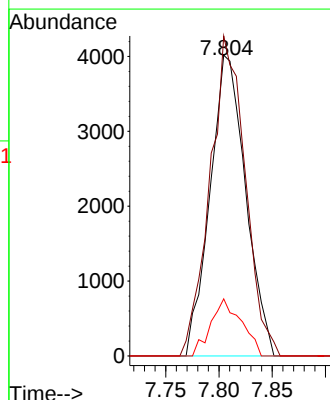
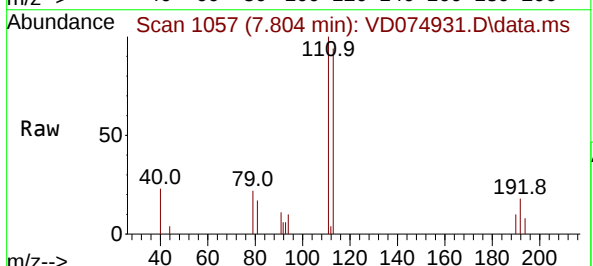
Tgt Ion:113 Resp: 9331

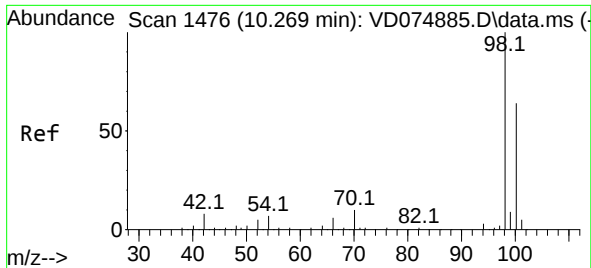
Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 16.4 16.4 24.6#

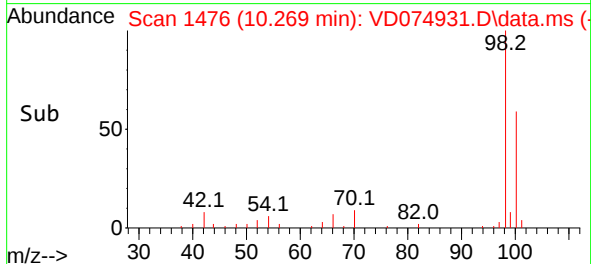
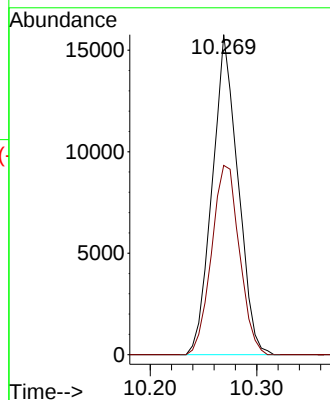
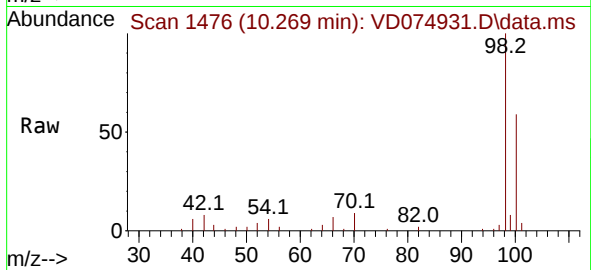




#50
Toluene-d8
Concen: 61.246 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

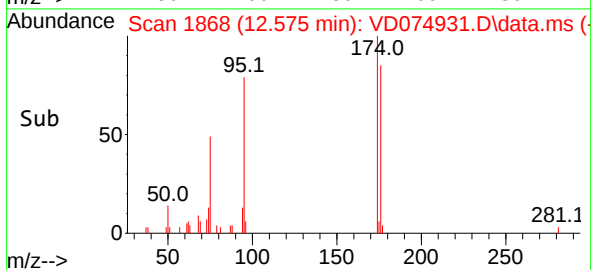
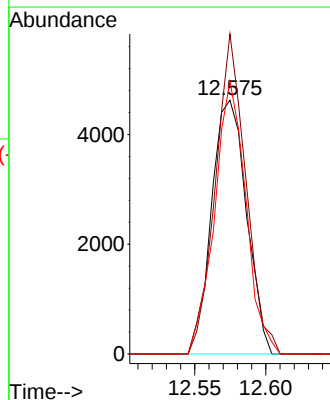
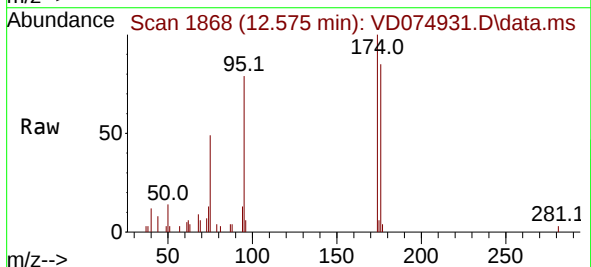
Instrument :
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Tgt Ion: 98 Resp: 26350
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 59.958 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion: 95 Resp: 7921
Ion Ratio Lower Upper
95 100
174 109.3 0.0 197.0
176 96.5 0.0 182.6

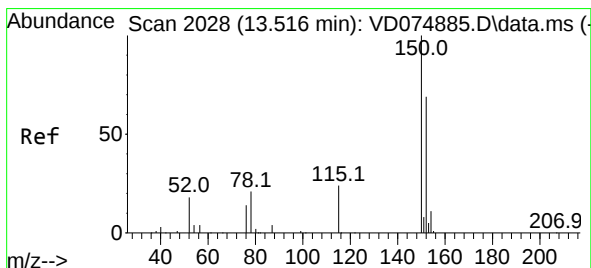
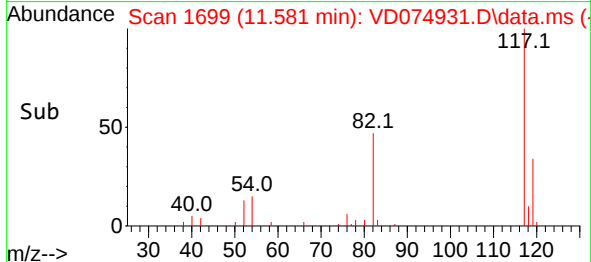
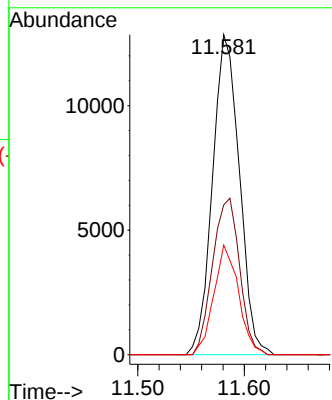
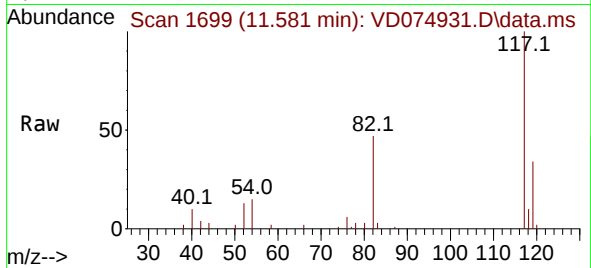




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
SB-36RE

Tgt Ion:117 Resp: 22497
Ion Ratio Lower Upper
117 100
82 46.8 41.6 62.4
119 34.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074931.D
Acq: 14 Nov 2022 13:40

Tgt Ion:152 Resp: 9265
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 159.4 0.0 348.2

