

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074988.D
 Acq On : 18 Nov 2022 14:31
 Operator : VA/SY
 Sample : N5638-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-3-111522

Quant Time: Nov 18 22:05:40 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	7.881	168	1807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	4068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	4223	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1964	178.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	357.680%#
35) Dibromofluoromethane	7.810	113	1594	63.566	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.140%
50) Toluene-d8	10.269	98	4749	57.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.980%
62) 4-Bromofluorobenzene	12.575	95	1477	58.231	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.460%

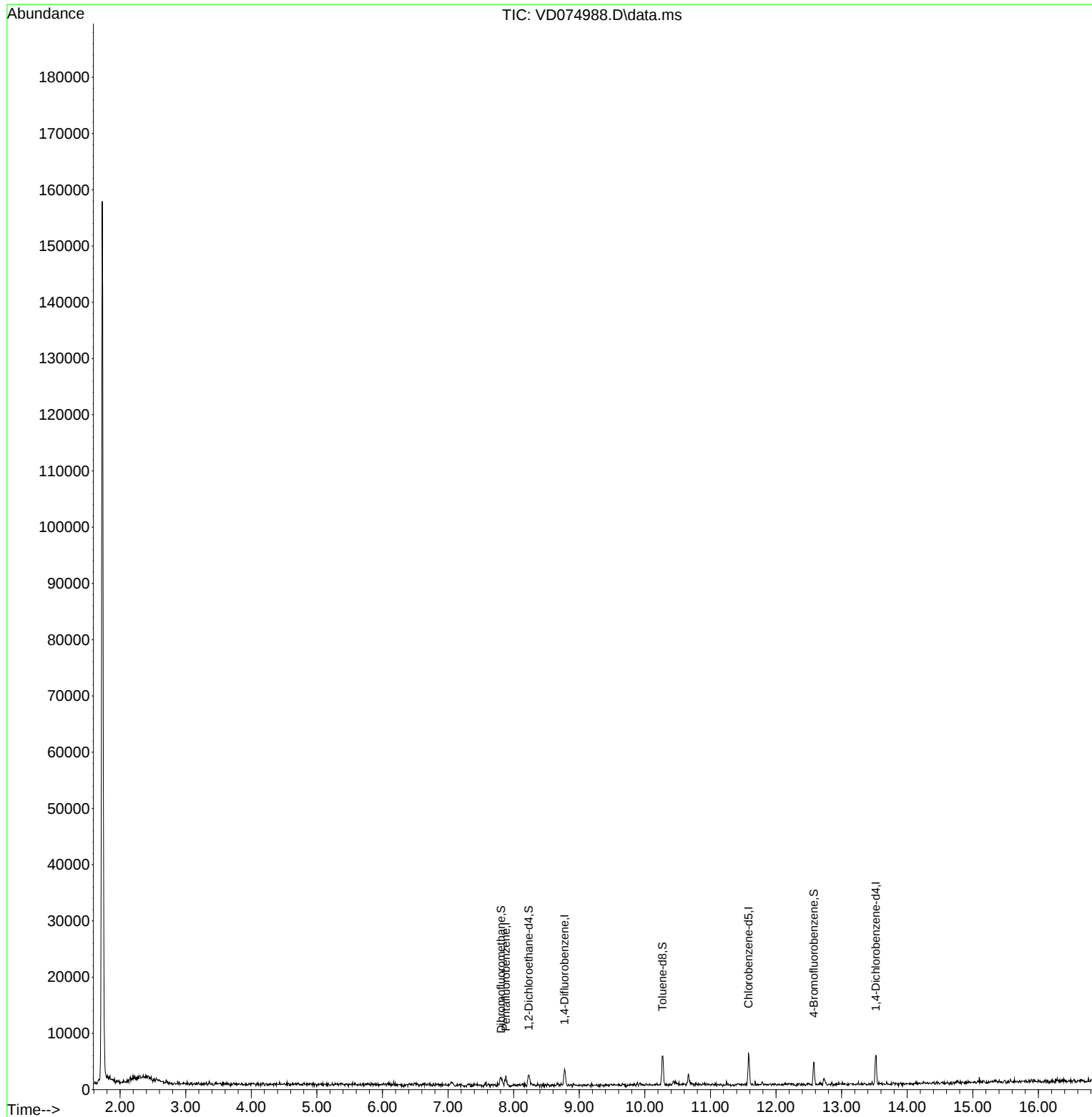
Target Compounds	Qvalue

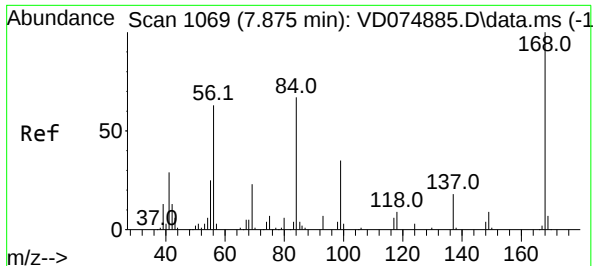
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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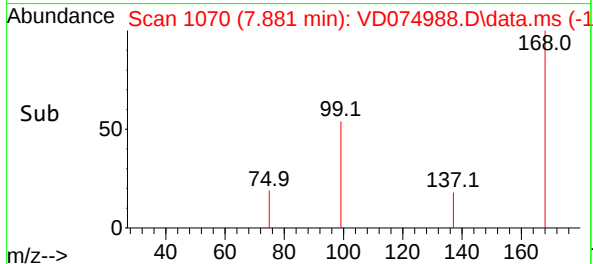
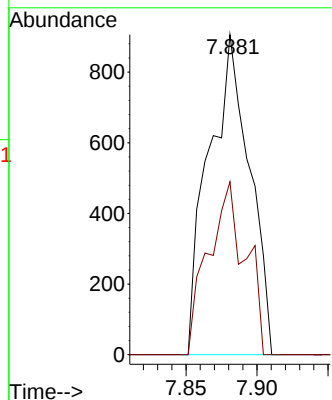
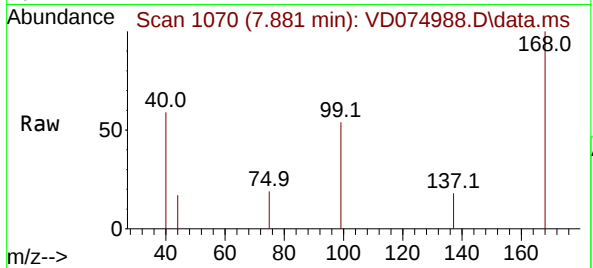




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074988.D
Acq: 18 Nov 2022 14:31

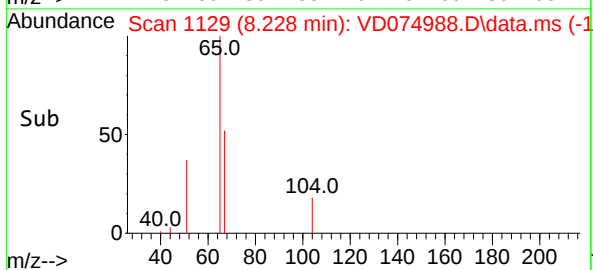
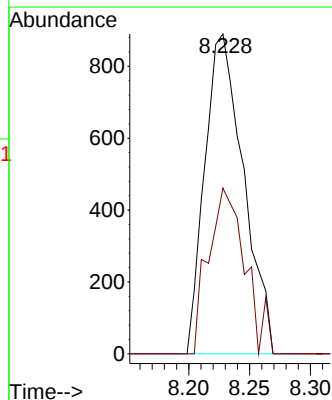
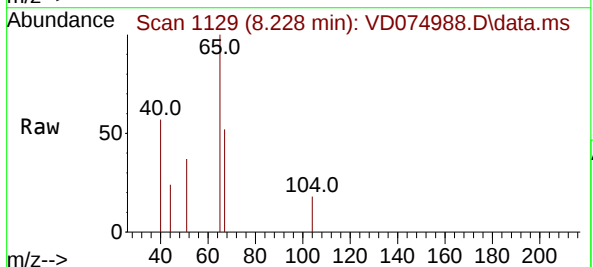
Instrument :
MSVOA_D
ClientSampleId :
JC-3-111522

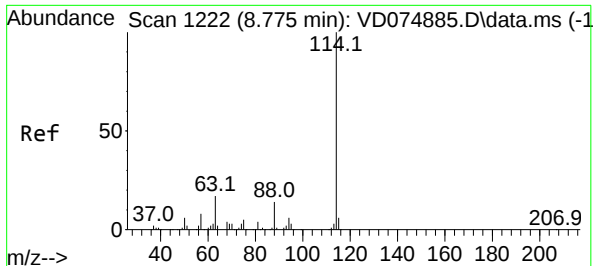
Tgt Ion:168 Resp: 1807
Ion Ratio Lower Upper
168 100
99 54.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 178.840 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074988.D
Acq: 18 Nov 2022 14:31

Tgt Ion: 65 Resp: 1964
Ion Ratio Lower Upper
65 100
67 49.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074988.D

Acq: 18 Nov 2022 14:31

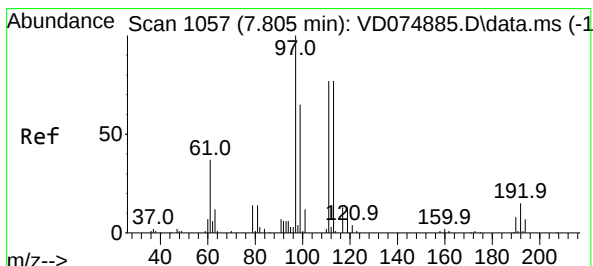
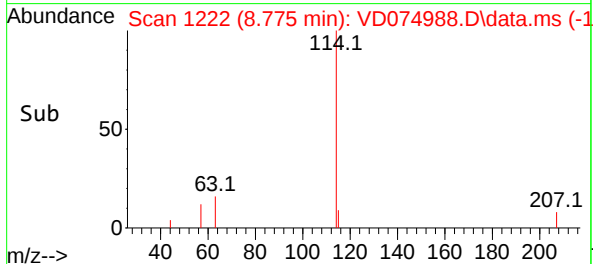
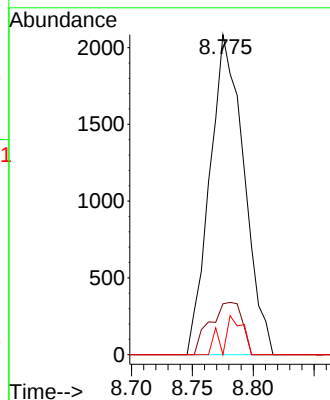
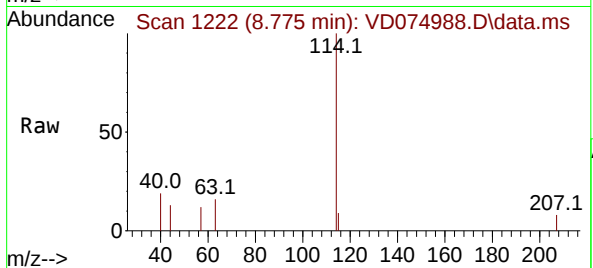
Instrument :

MSVOA_D

ClientSampleId :

JC-3-111522

Tgt Ion:114	Resp:	4068
Ion	Ratio	Lower Upper
114	100	
63	15.9	0.0 33.2
88	0.0	0.0 28.2



#35

Dibromofluoromethane

Concen: 63.566 ug/l

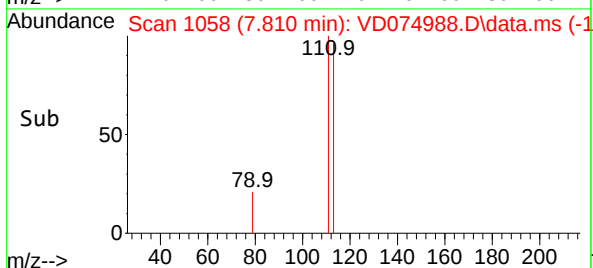
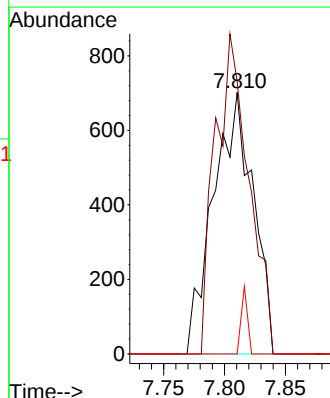
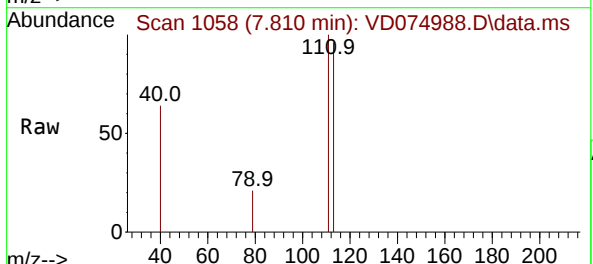
RT: 7.810 min Scan# 1058

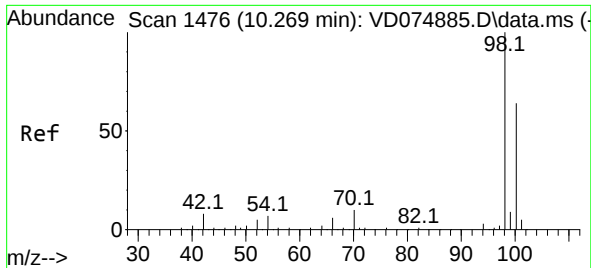
Delta R.T. 0.005 min

Lab File: VD074988.D

Acq: 18 Nov 2022 14:31

Tgt Ion:113	Resp:	1594
Ion	Ratio	Lower Upper
113	100	
111	104.0	82.3 123.5
192	4.0	16.4 24.6

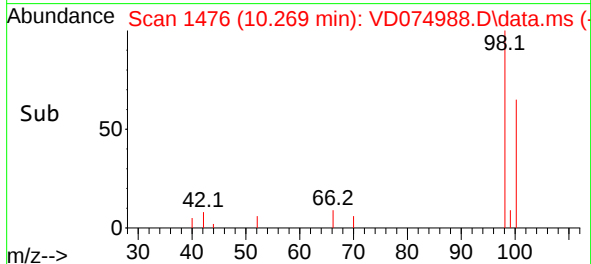
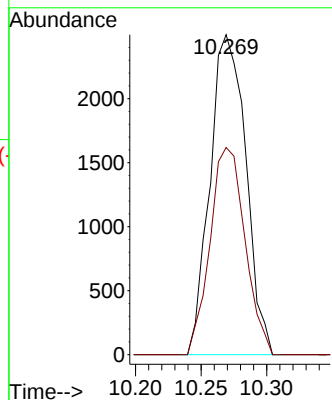
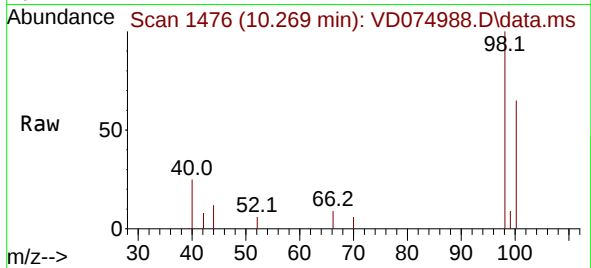




#50
Toluene-d8
Concen: 57.492 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074988.D
Acq: 18 Nov 2022 14:31

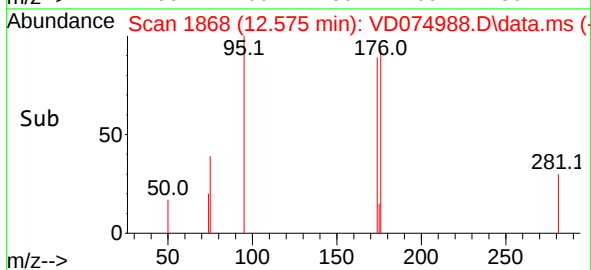
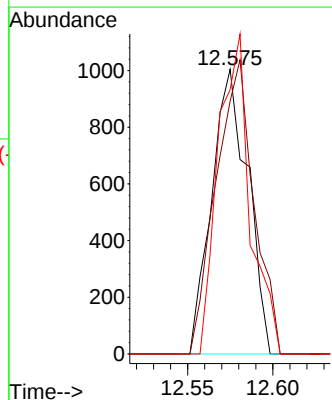
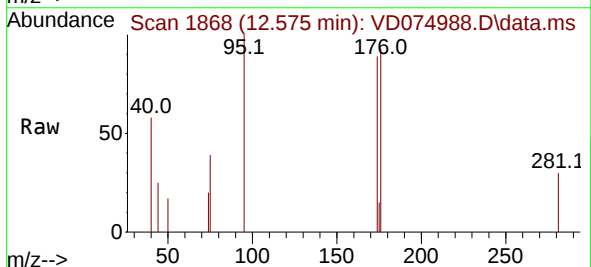
Instrument :
MSVOA_D
ClientSampleId :
JC-3-111522

Tgt Ion: 98 Resp: 4749
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.231 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074988.D
Acq: 18 Nov 2022 14:31

Tgt Ion: 95 Resp: 1477
Ion Ratio Lower Upper
95 100
174 108.8 0.0 197.0
176 99.6 0.0 182.6

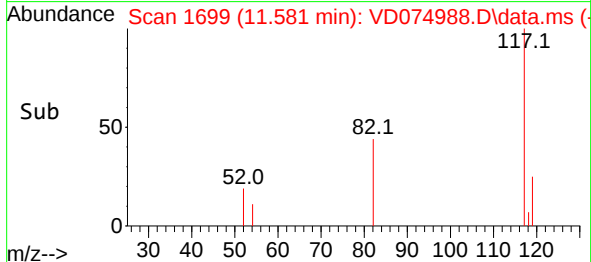
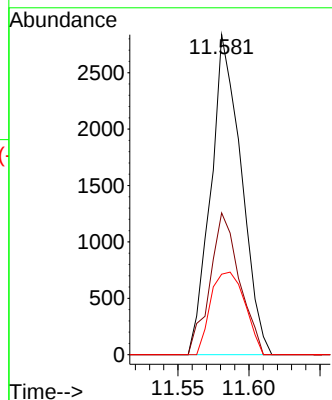
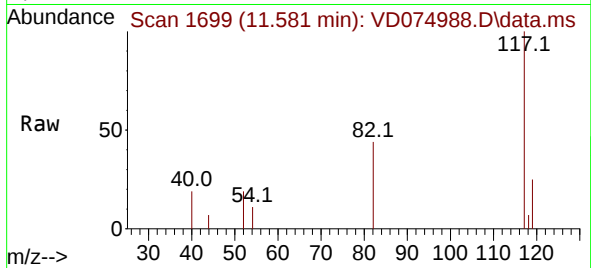




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074988.D
Acq: 18 Nov 2022 14:31

Instrument :
MSVOA_D
ClientSampleId :
JC-3-111522

Tgt Ion:117 Resp: 4223
Ion Ratio Lower Upper
117 100
82 44.3 41.6 62.4
119 25.1 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: VD074988.D
Acq: 18 Nov 2022 14:31

Tgt Ion:152 Resp: 1701
Ion Ratio Lower Upper
152 100
115 69.7 26.8 80.4
150 182.4 0.0 348.2

