

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074953.D
 Acq On : 16 Nov 2022 17:15
 Operator : VA/SY
 Sample : N5642-08
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RIGHT-SIDE-FLATS-28

Quant Time: Nov 17 00:21:42 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	7.887	168	2119	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.781	114	3778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	3704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1627	124.366	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	248.740%#
35) Dibromofluoromethane	7.793	113	1530	65.697	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.400%
50) Toluene-d8	10.269	98	4181	54.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.575	95	1464	62.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.300%

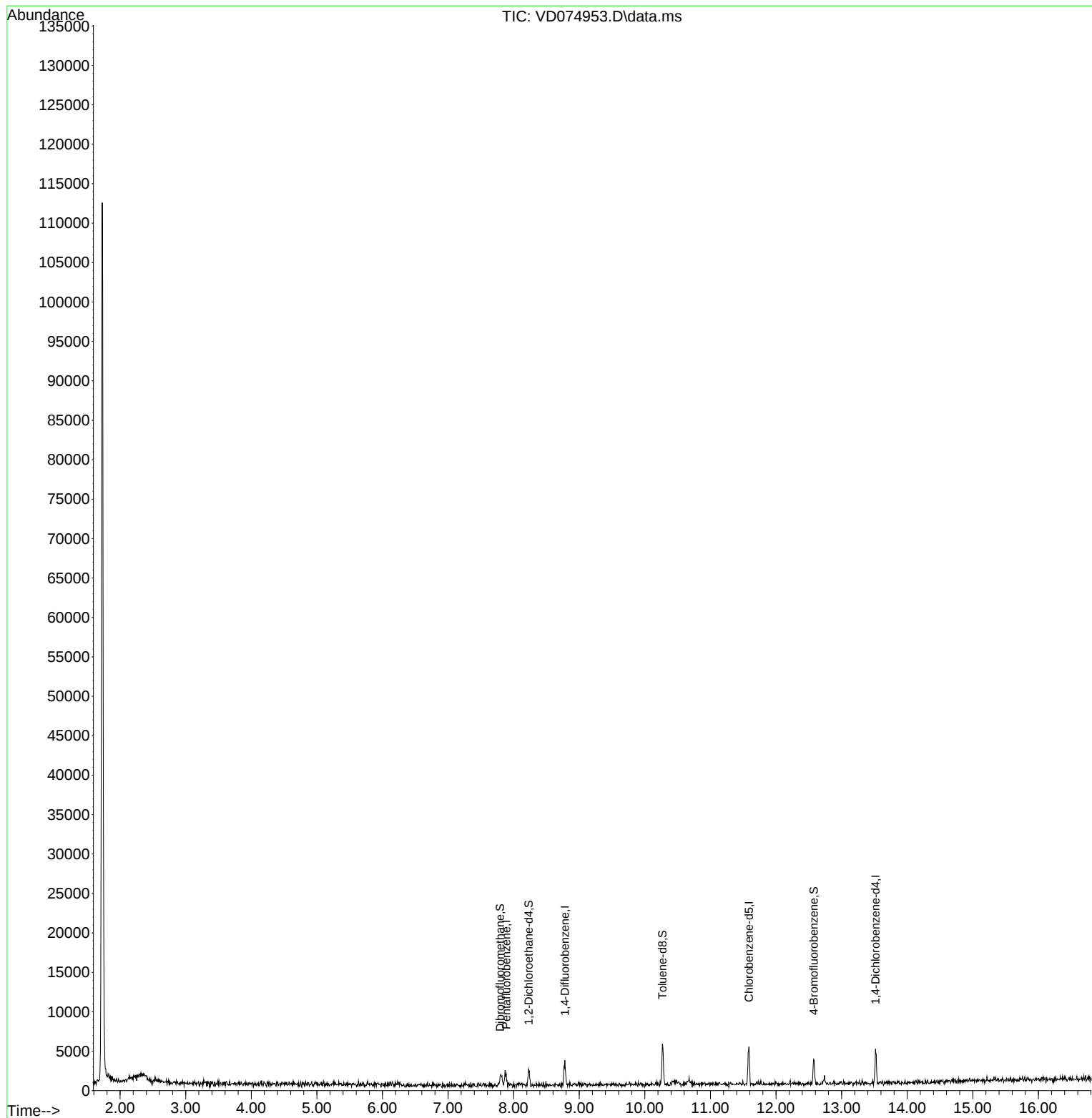
Target Compounds	Qvalue

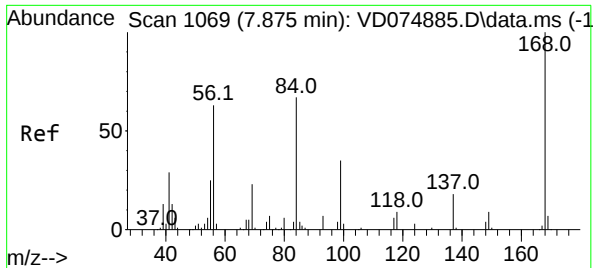
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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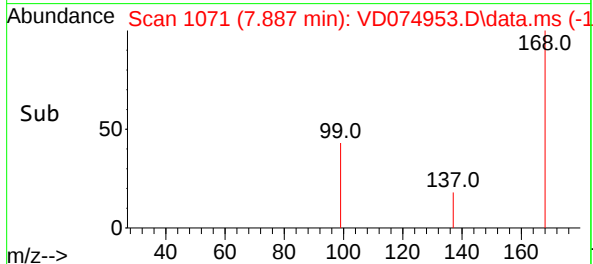
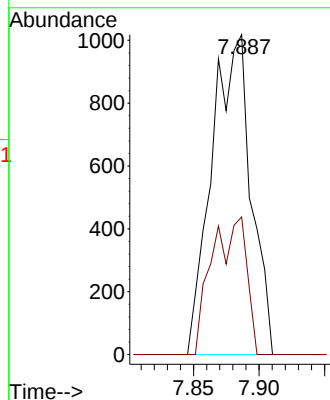
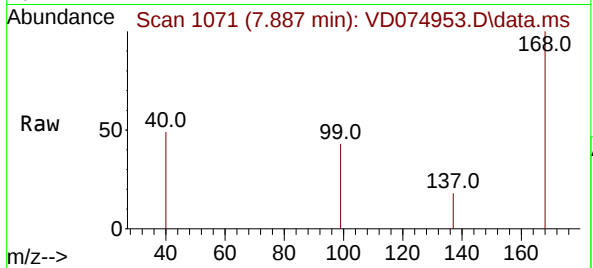




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

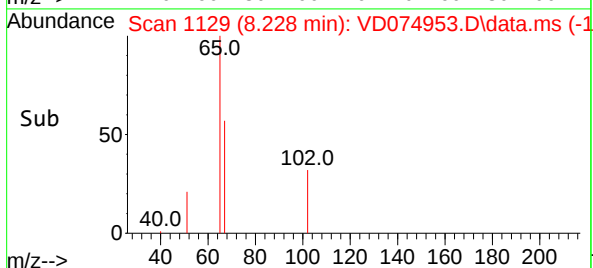
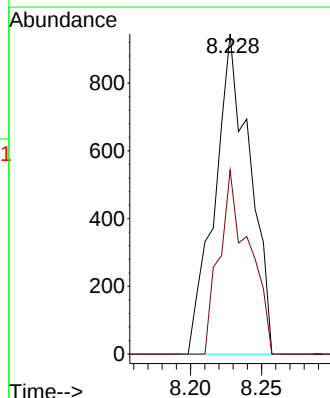
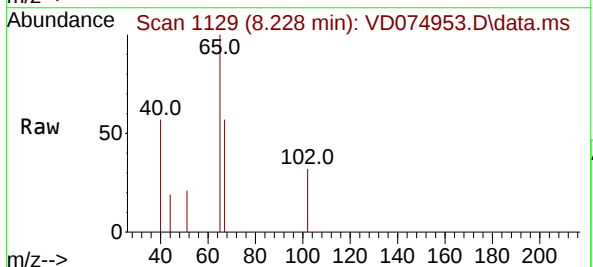
Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion:168 Resp: 2119
Ion Ratio Lower Upper
168 100
99 43.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 124.366 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 65 Resp: 1627
Ion Ratio Lower Upper
65 100
67 48.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074953.D

Acq: 16 Nov 2022 17:15

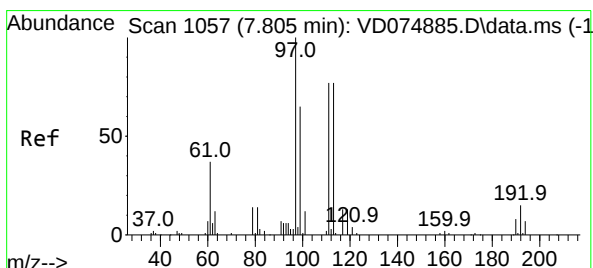
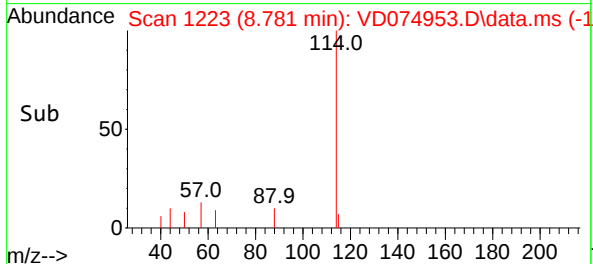
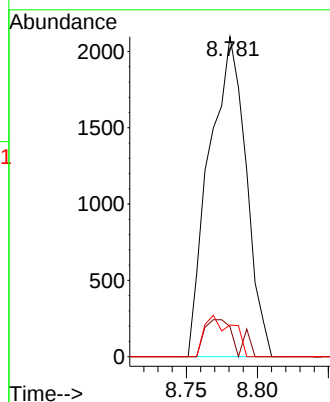
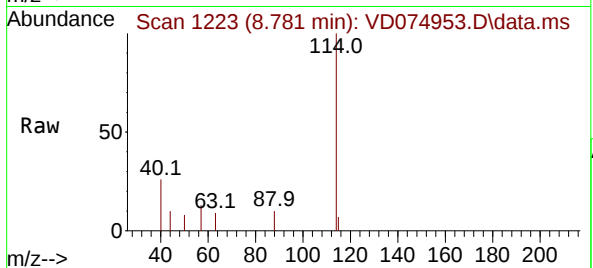
Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-28

Tgt Ion:	114	Resp:	3778
Ion	Ratio	Lower	Upper
114	100		
63	9.4	0.0	33.2
88	9.9	0.0	28.2



#35

Dibromofluoromethane

Concen: 65.697 ug/l

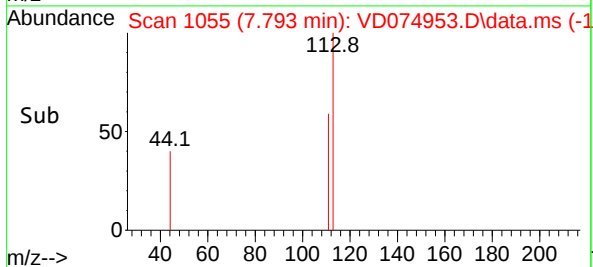
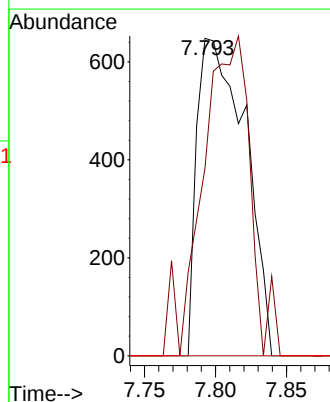
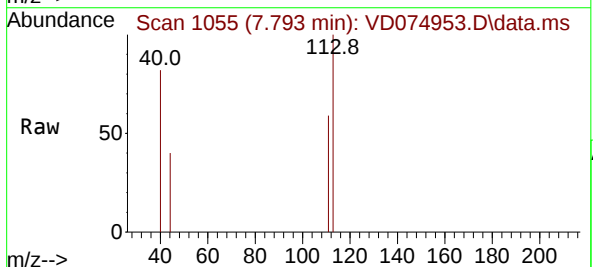
RT: 7.793 min Scan# 1055

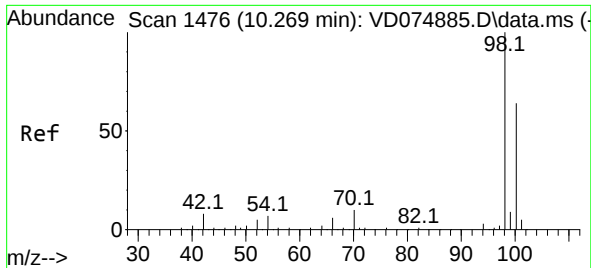
Delta R.T. -0.012 min

Lab File: VD074953.D

Acq: 16 Nov 2022 17:15

Tgt Ion:	113	Resp:	1530
Ion	Ratio	Lower	Upper
113	100		
111	0.0	82.3	123.5#
192	0.0	16.4	24.6#

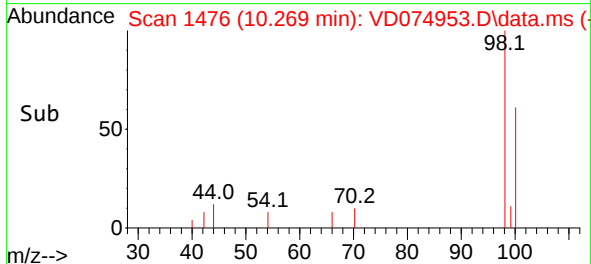
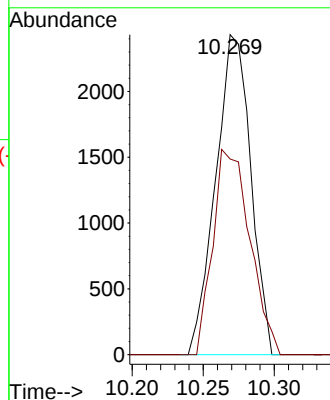
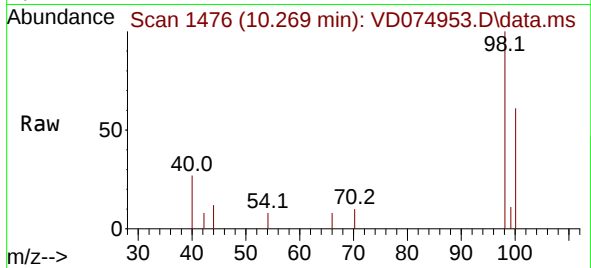




#50
Toluene-d8
Concen: 54.501 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

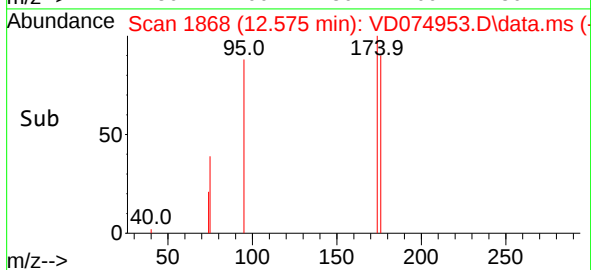
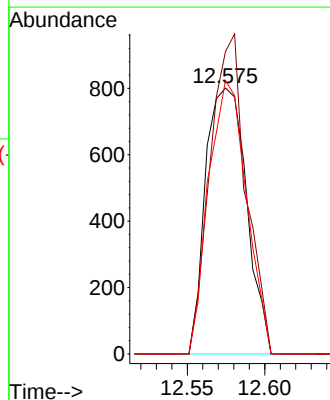
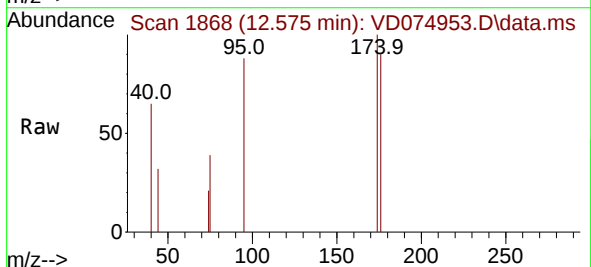
Instrument :
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ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion: 98 Resp: 4181
Ion Ratio Lower Upper
98 100
100 67.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 62.149 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 95 Resp: 1464
Ion Ratio Lower Upper
95 100
174 105.7 0.0 197.0
176 95.6 0.0 182.6

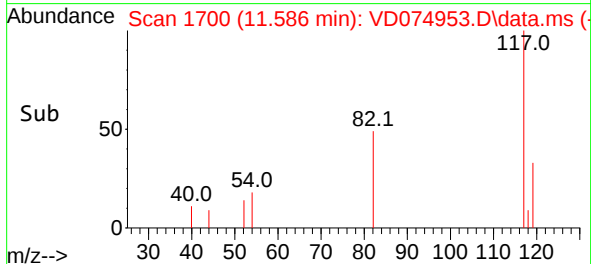
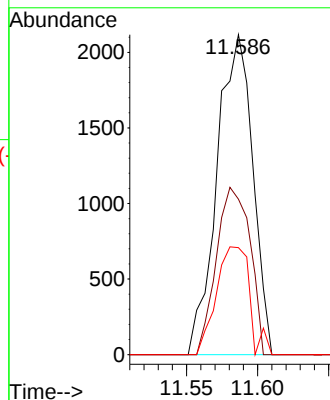
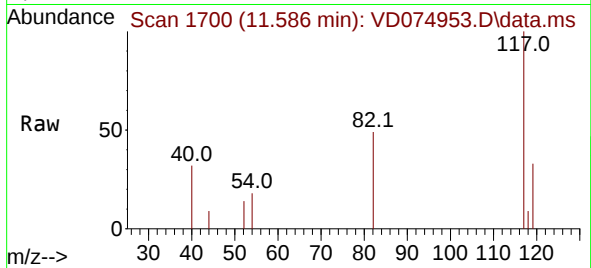




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion:117 Resp: 3704
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 33.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074953.D
Acq: 16 Nov 2022 17:15

Tgt Ion:152 Resp: 1600
Ion Ratio Lower Upper
152 100
115 46.6 26.8 80.4
150 159.9 0.0 348.2

