

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074969.D
 Acq On : 17 Nov 2022 15:01
 Operator : VA/SY
 Sample : N5642-08RE
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 17 22:36:03 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	7.869	168	2261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	3913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3771	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1567	111.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	223.200%#
35) Dibromofluoromethane	7.805	113	1507	62.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.960%
50) Toluene-d8	10.269	98	4743	59.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.380%
62) 4-Bromofluorobenzene	12.575	95	1510	61.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.780%

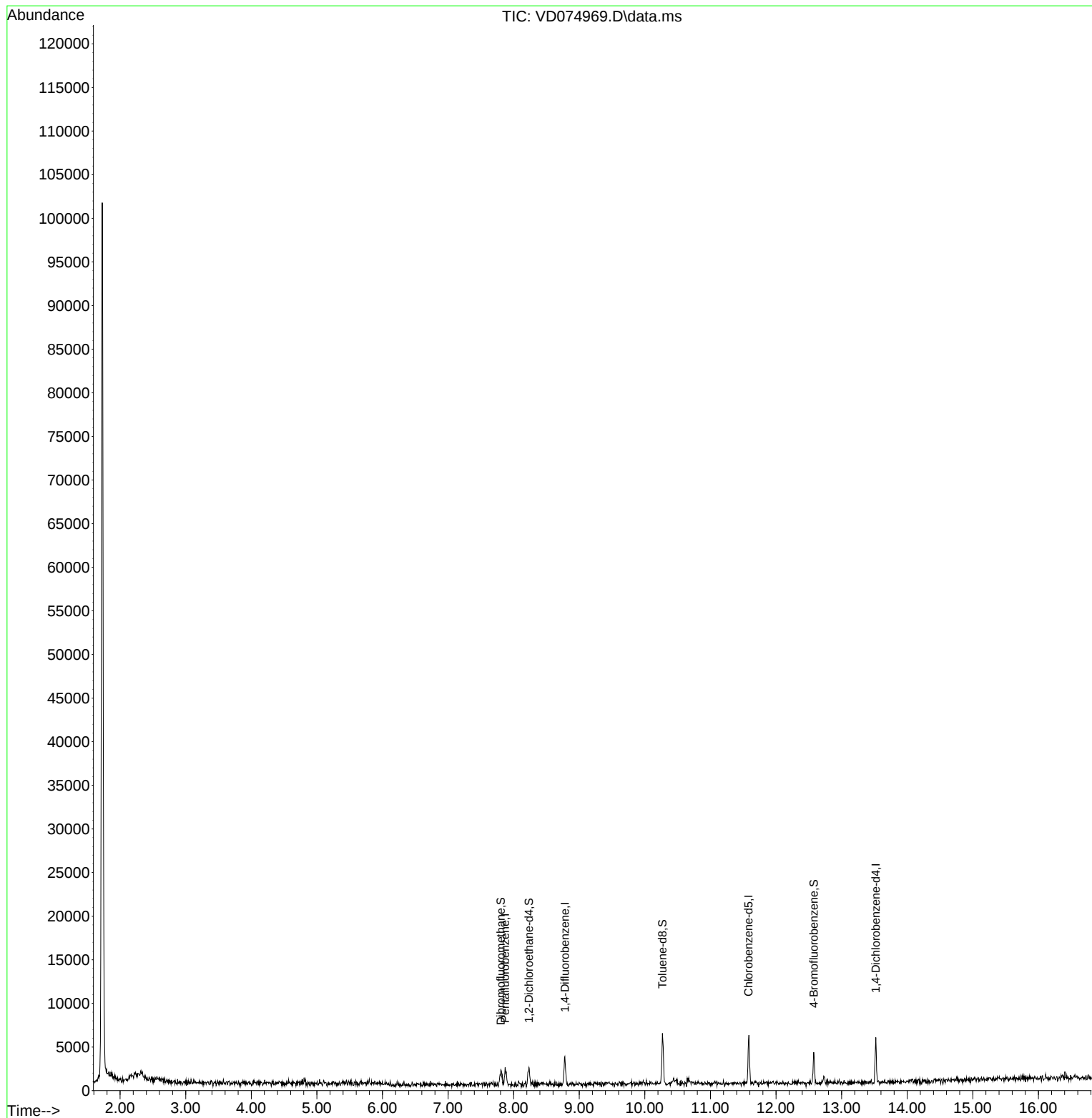
Target Compounds	Qvalue

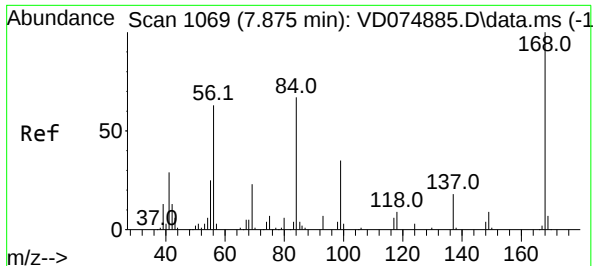
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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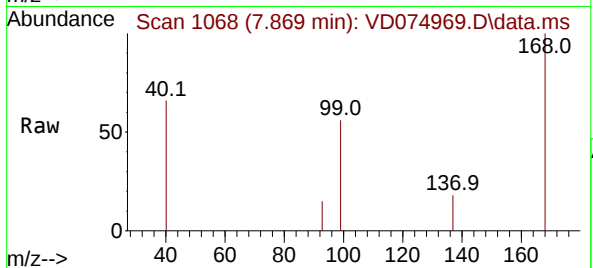
Quant Time: Nov 17 22:36:03 2022
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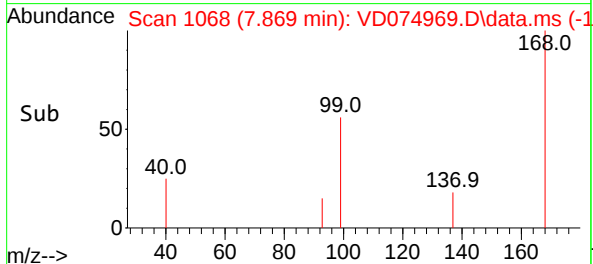
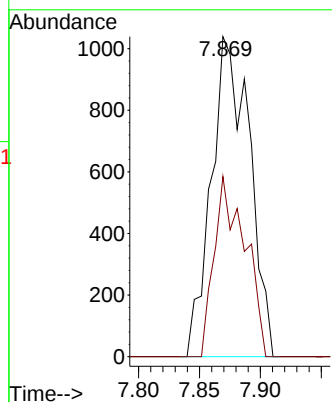


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD074969.D
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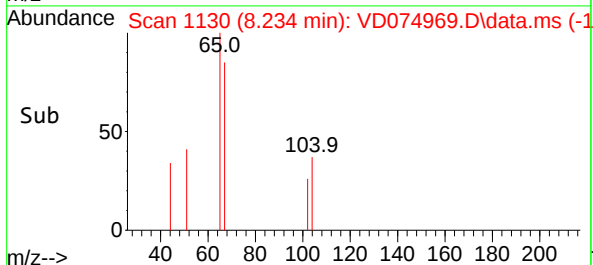
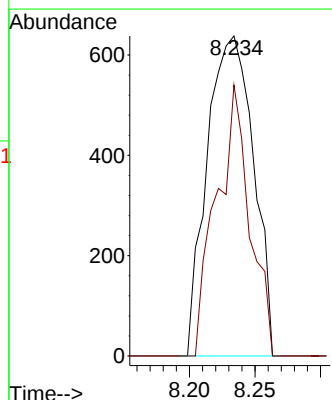
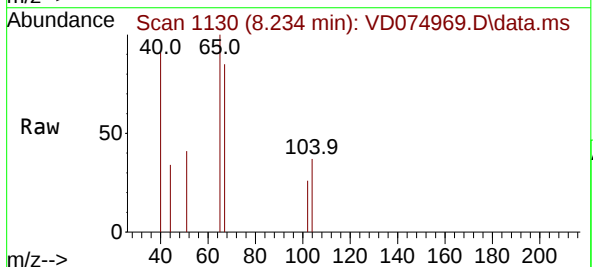


Tgt Ion:168 Resp: 2261
Ion Ratio Lower Upper
168 100
99 56.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 111.603 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074969.D
Acq: 17 Nov 2022 15:01

Tgt Ion: 65 Resp: 1567
Ion Ratio Lower Upper
65 100
67 60.9 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: VD074969.D

Acq: 17 Nov 2022 15:01

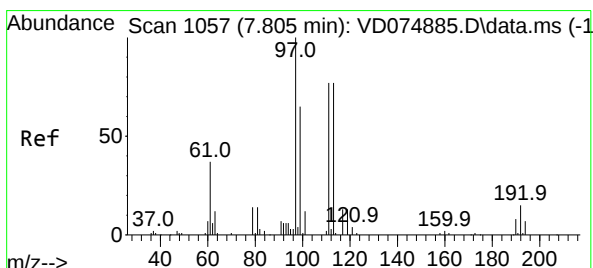
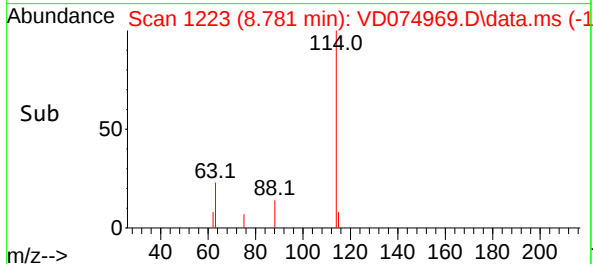
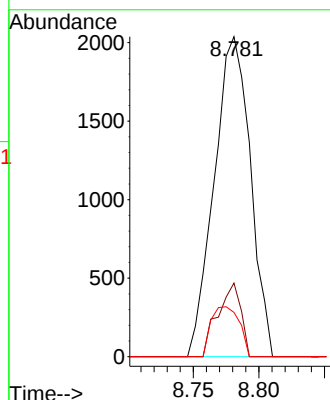
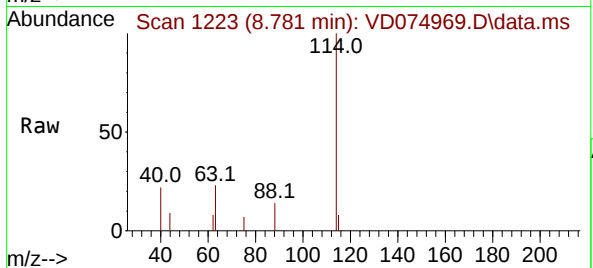
Instrument :

MSVOA_D

ClientSampleId :

RIGHT-SIDE-FLATS-28RE

Tgt Ion:114	Resp:	3913
Ion	Ratio	Lower Upper
114	100	
63	23.0	0.0 33.2
88	13.8	0.0 28.2



#35

Dibromofluoromethane

Concen: 62.477 ug/l

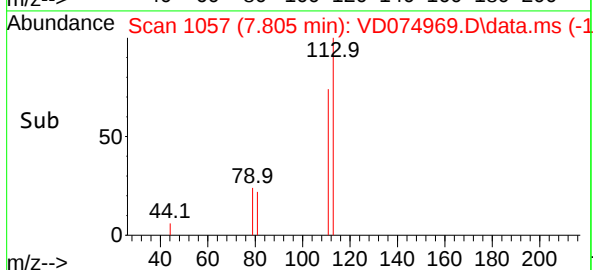
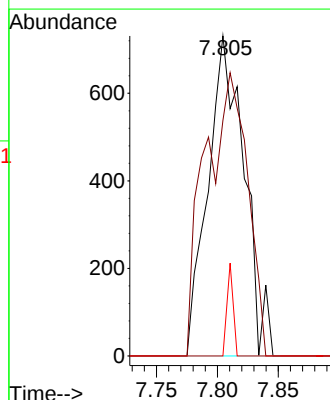
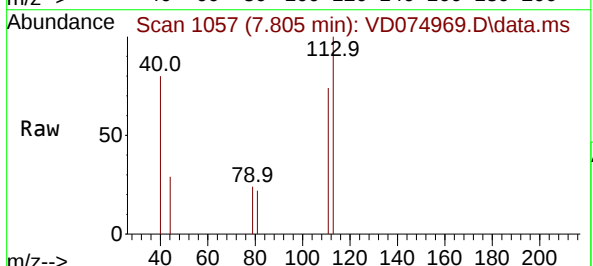
RT: 7.805 min Scan# 1057

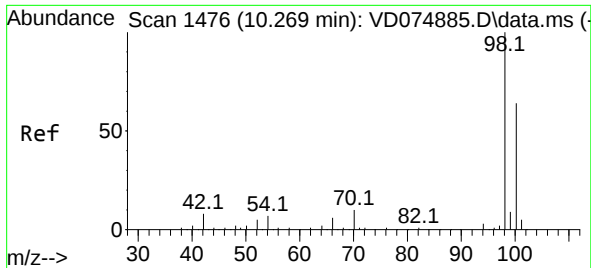
Delta R.T. -0.000 min

Lab File: VD074969.D

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Tgt Ion:113	Resp:	1507
Ion	Ratio	Lower Upper
113	100	
111	104.0	82.3 123.5
192	5.0	16.4 24.6

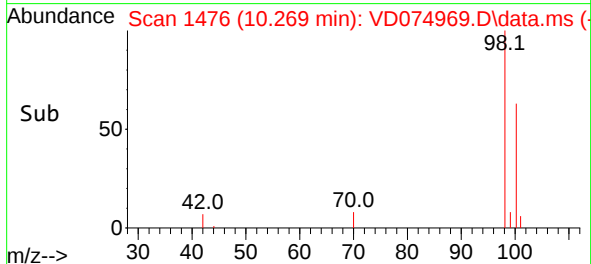
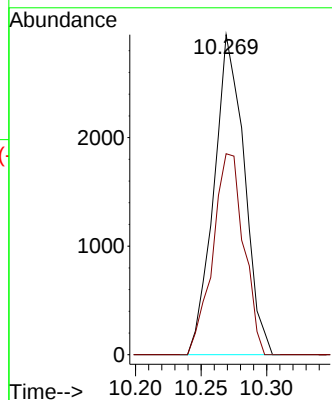
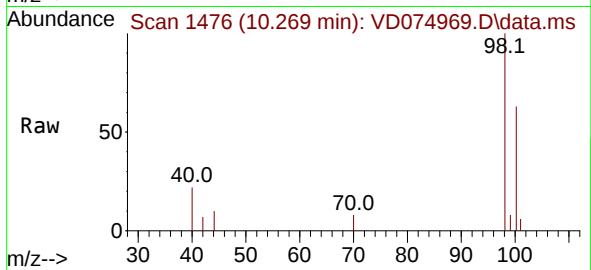




#50
Toluene-d8
Concen: 59.694 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074969.D
Acq: 17 Nov 2022 15:01

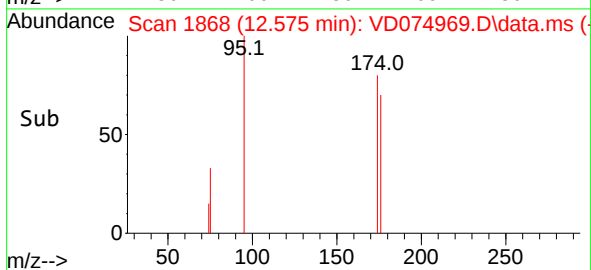
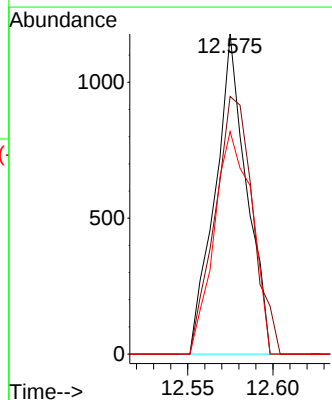
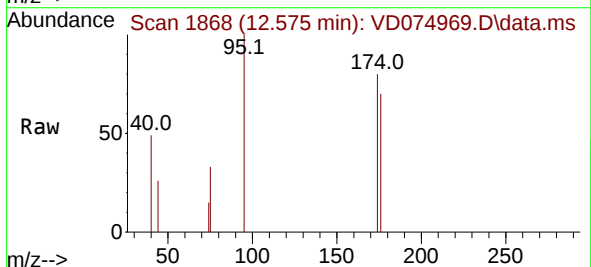
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Tgt Ion: 98 Resp: 4743
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 61.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074969.D
Acq: 17 Nov 2022 15:01

Tgt Ion: 95 Resp: 1510
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 83.2 0.0 182.6

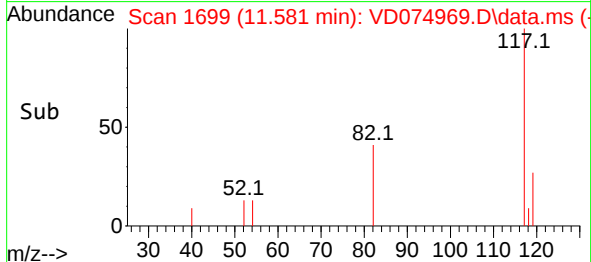
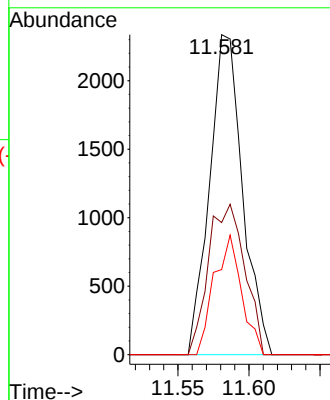
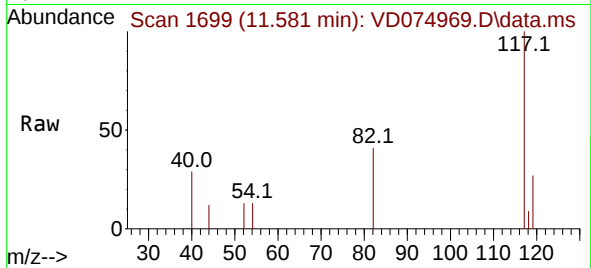




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD074969.D
Acq: 17 Nov 2022 15:01

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

Tgt Ion:117 Resp: 3771
Ion Ratio Lower Upper
117 100
82 41.3 41.6 62.4#
119 26.6 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: VD074969.D
Acq: 17 Nov 2022 15:01

Tgt Ion:152 Resp: 1653
Ion Ratio Lower Upper
152 100
115 51.8 26.8 80.4
150 173.0 0.0 348.2

