

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077863.D
 Acq On : 13 Dec 2023 15:37
 Operator : RP/MD
 Sample : 05760-03
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE-2

Quant Time: Dec 14 01:53:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	186858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	331169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132036	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77766	35.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.640%
35) Dibromofluoromethane	7.810	113	87955	37.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.840%
50) Toluene-d8	10.269	98	423640	45.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.575	95	113996	41.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.080%

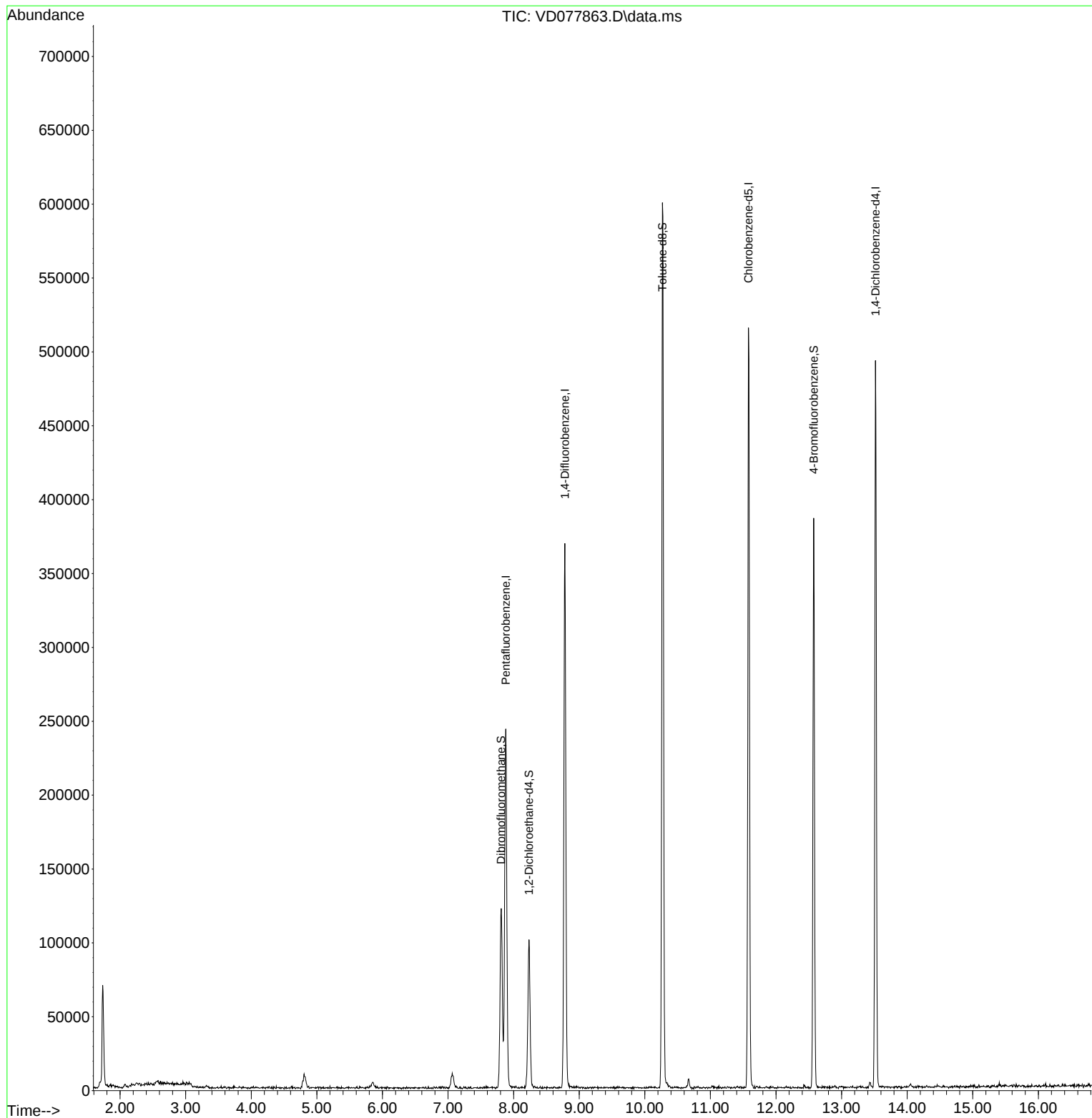
Target Compounds	Qvalue

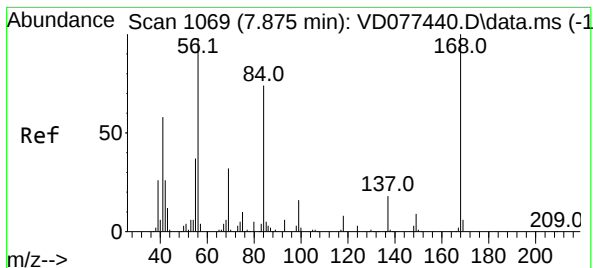
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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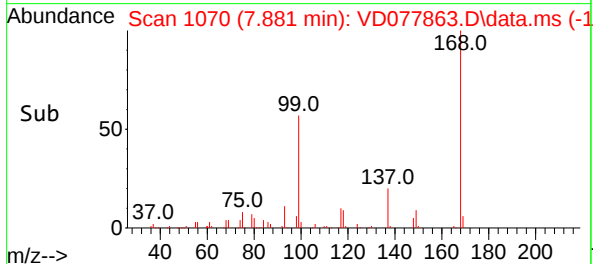
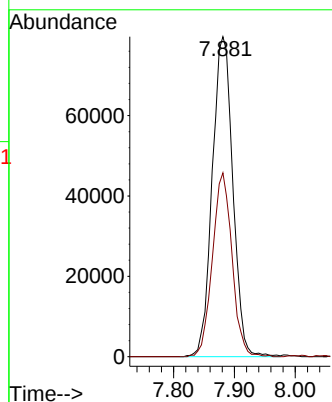
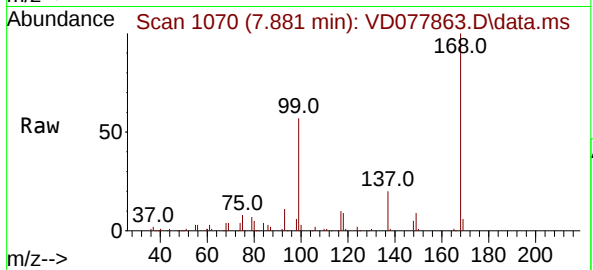




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

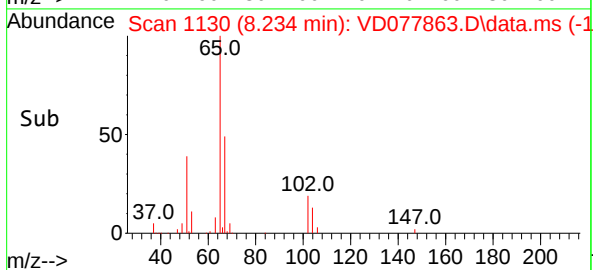
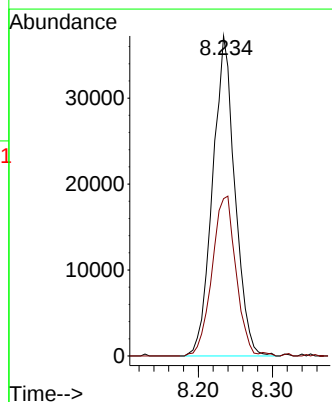
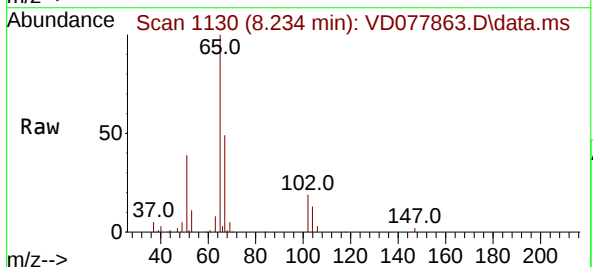
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-2

Tgt Ion:168 Resp: 186858
Ion Ratio Lower Upper
168 100
99 57.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 35.318 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

Tgt Ion: 65 Resp: 77766
Ion Ratio Lower Upper
65 100
67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077863.D

Acq: 13 Dec 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE-2

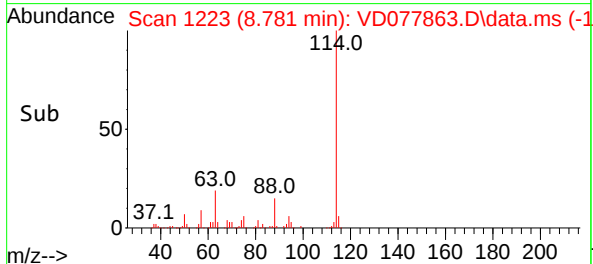
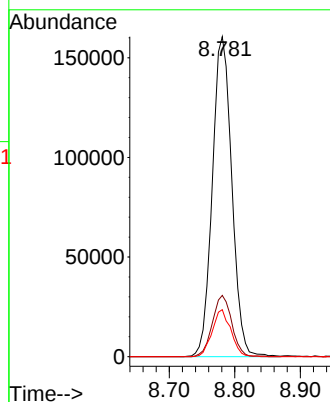
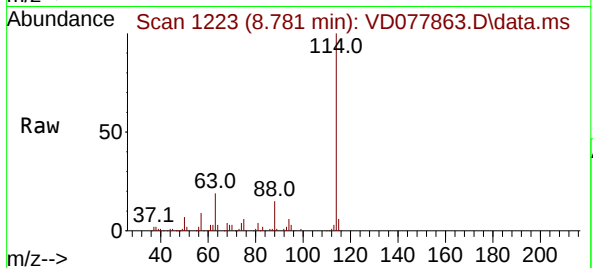
Tgt Ion:114 Resp: 331169

Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 37.916 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077863.D

Acq: 13 Dec 2023 15:37

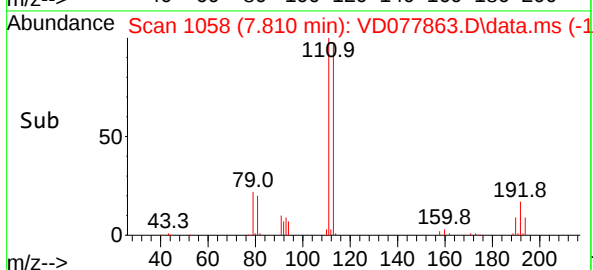
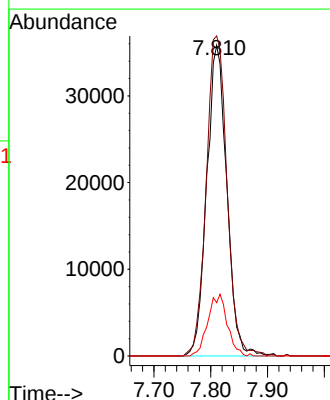
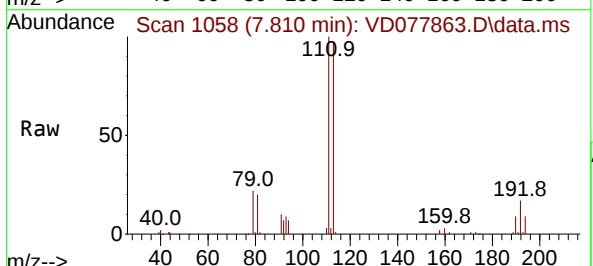
Tgt Ion:113 Resp: 87955

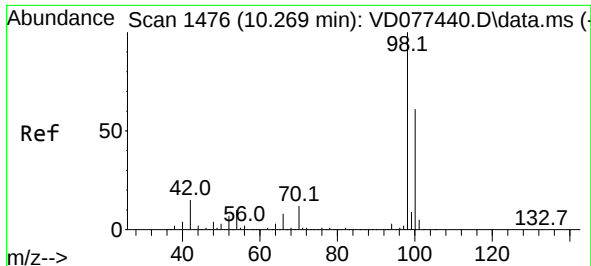
Ion Ratio Lower Upper

113 100

111 106.2 84.7 127.1

192 19.2 16.8 25.2

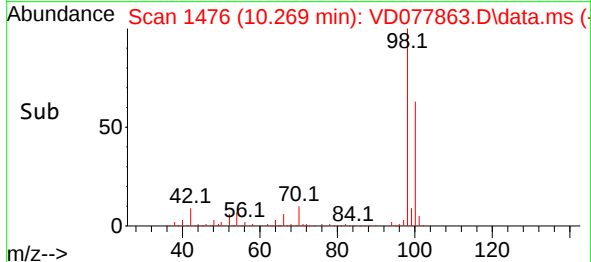
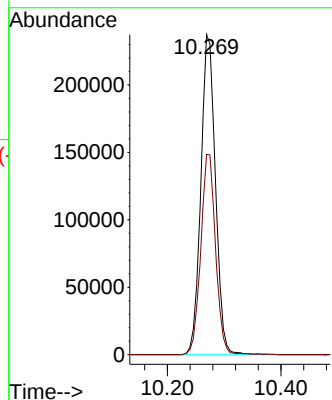
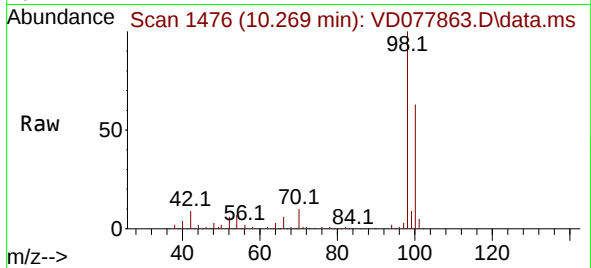




#50
Toluene-d8
Concen: 45.598 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

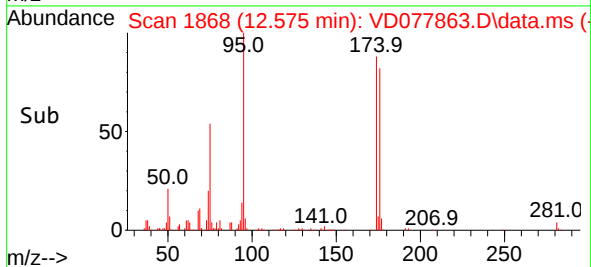
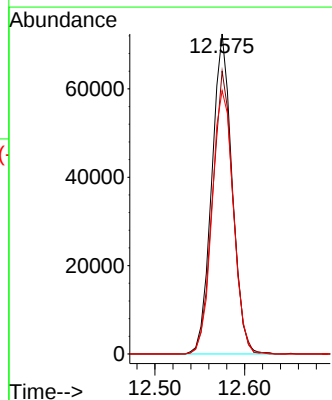
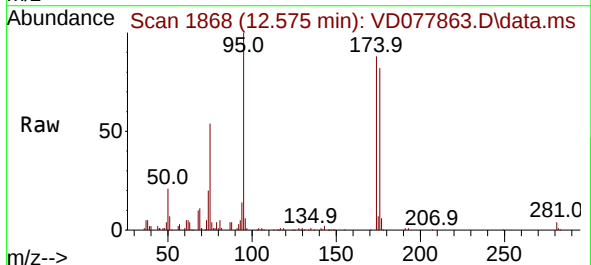
Instrument :
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CONCRETE-2

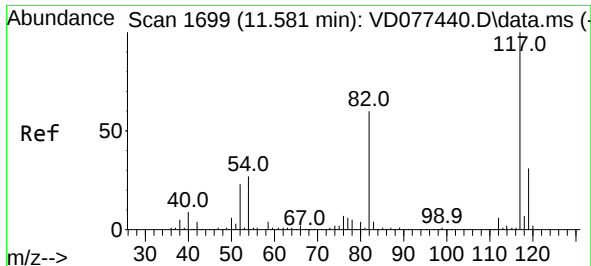
Tgt Ion: 98 Resp: 423640
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.039 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

Tgt Ion: 95 Resp: 113996
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 86.5 0.0 191.8

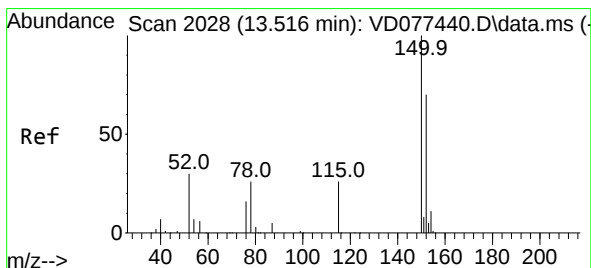
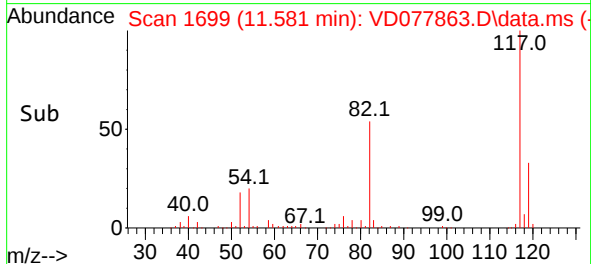
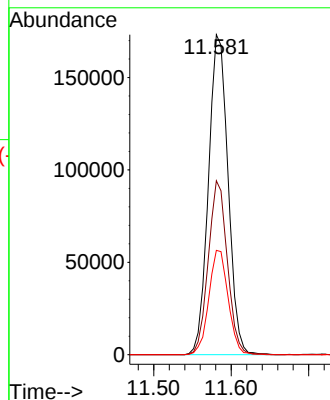
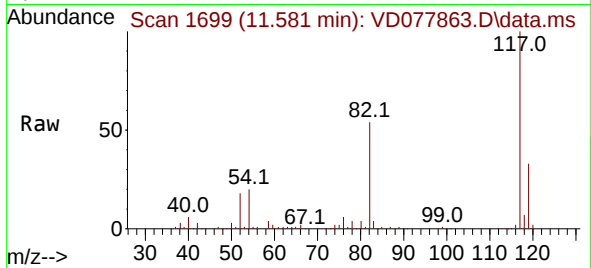




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :
CONCRETE-2

Tgt Ion:117 Resp: 303441
Ion Ratio Lower Upper
117 100
82 54.3 38.3 57.5
119 32.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077863.D
Acq: 13 Dec 2023 15:37

Tgt Ion:152 Resp: 132036
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 158.4 0.0 353.6

