

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074991.D
 Acq On : 18 Nov 2022 15:53
 Operator : VA/SY
 Sample : N5660-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-11622

Quant Time: Nov 18 22:06:05 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	36777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	82249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38094	170.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	340.240%#
35) Dibromofluoromethane	7.810	113	35246	75.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	151.400%#
50) Toluene-d8	10.275	98	92689	60.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.880%
62) 4-Bromofluorobenzene	12.575	95	32020	67.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.980%

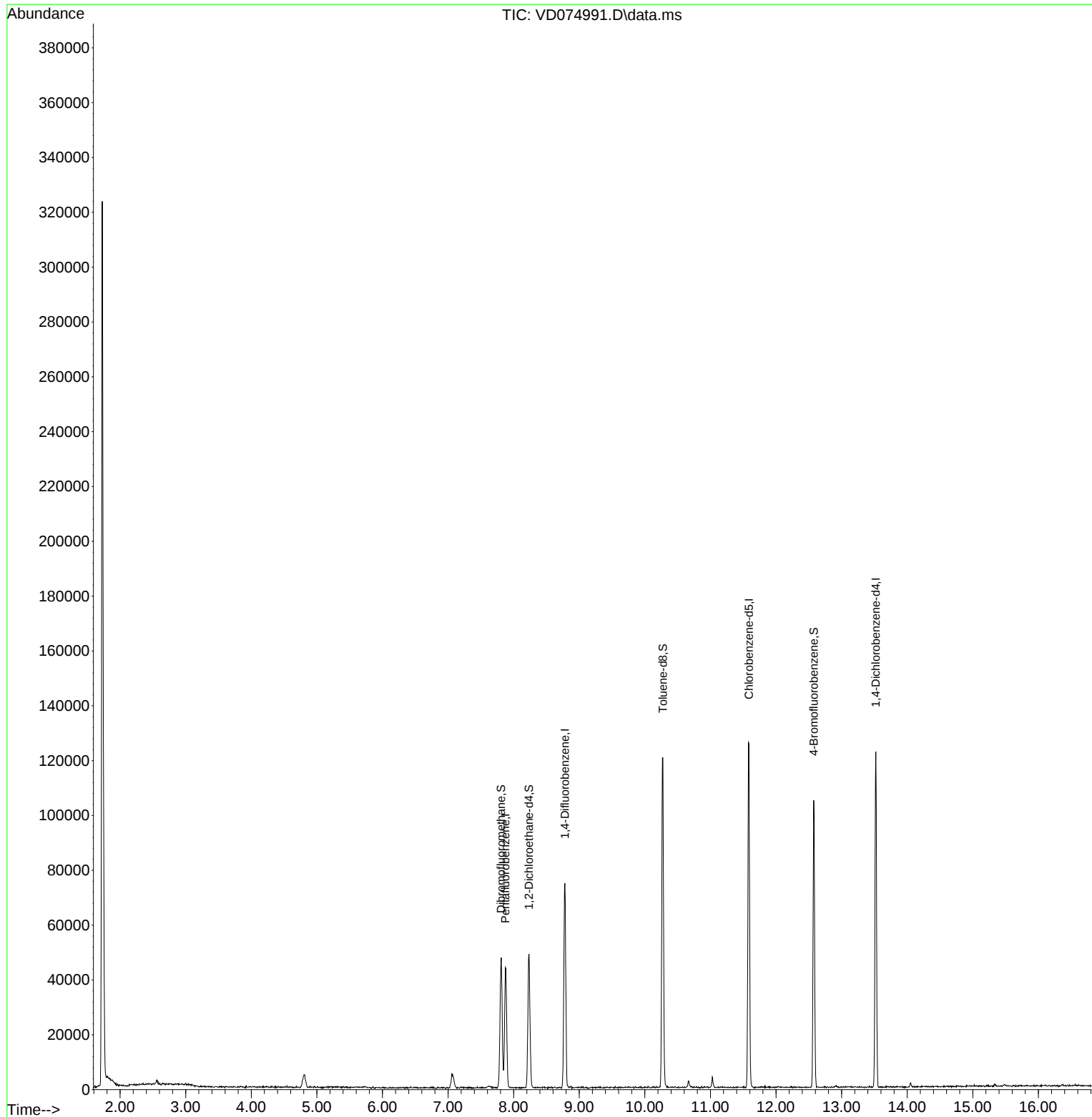
Target Compounds	Qvalue

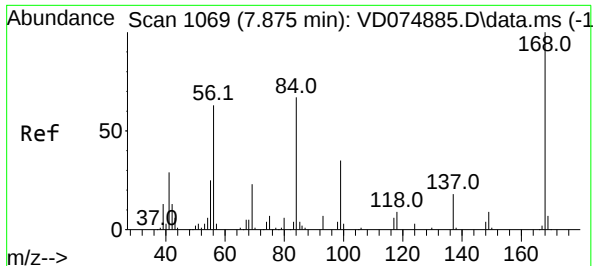
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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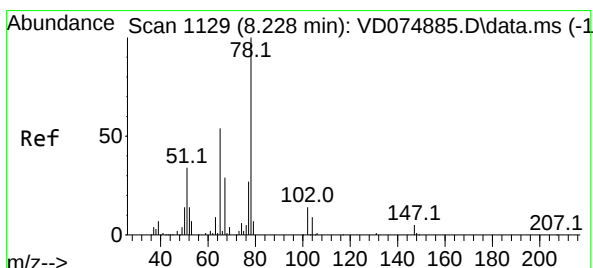
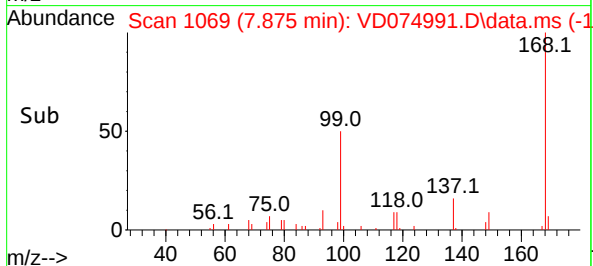
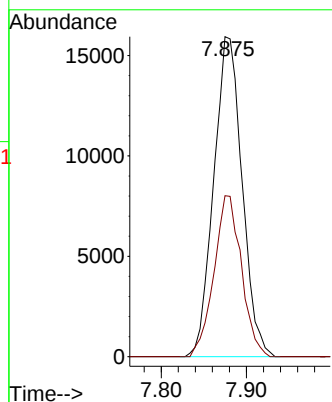
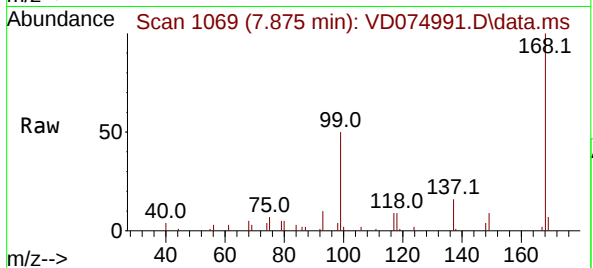




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

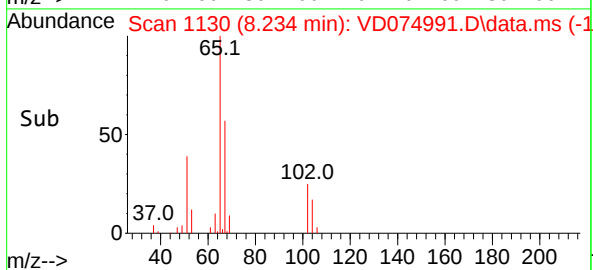
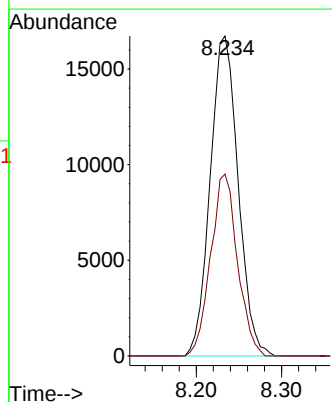
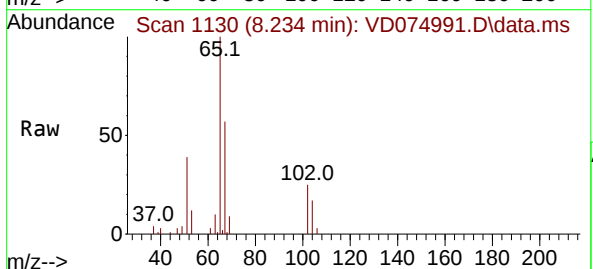
Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

Tgt Ion:168 Resp: 36777
Ion Ratio Lower Upper
168 100
99 50.3 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 170.120 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 65 Resp: 38094
Ion Ratio Lower Upper
65 100
67 54.5 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: VD074991.D

Acq: 18 Nov 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

CL-02-11622

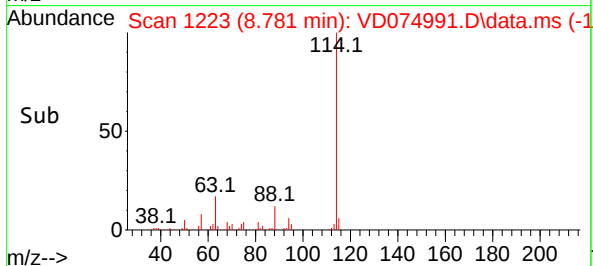
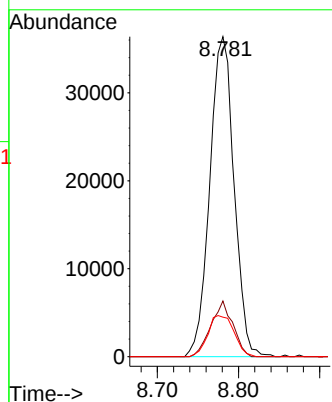
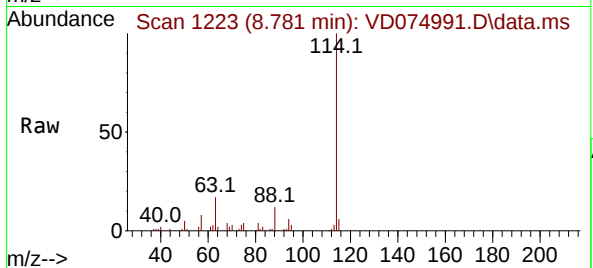
Tgt Ion:114 Resp: 75531

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.2

88 12.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 75.701 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074991.D

Acq: 18 Nov 2022 15:53

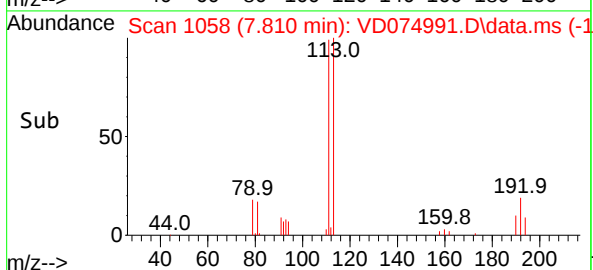
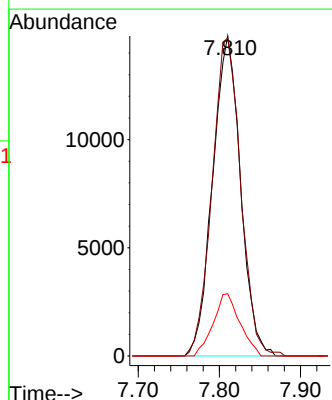
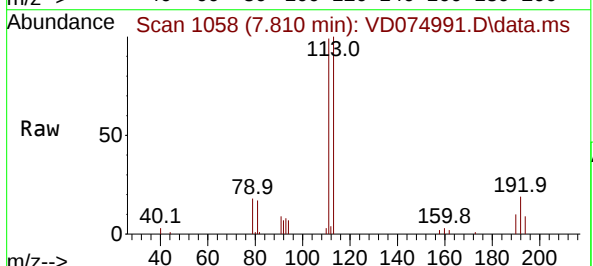
Tgt Ion:113 Resp: 35246

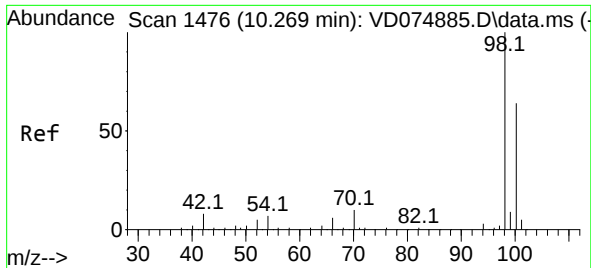
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 18.6 16.4 24.6

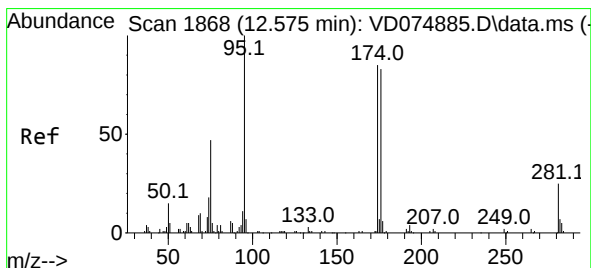
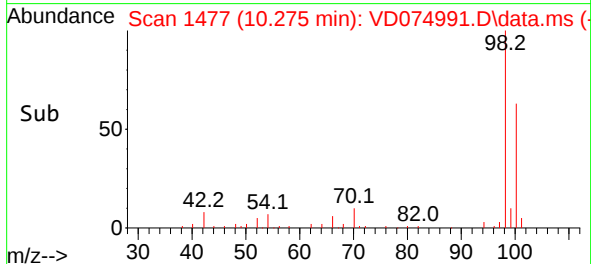
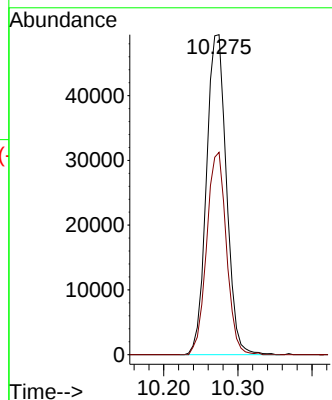
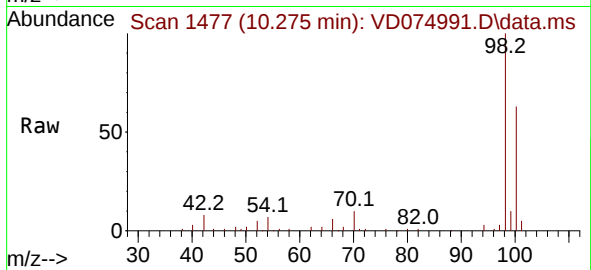




#50
Toluene-d8
Concen: 60.435 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

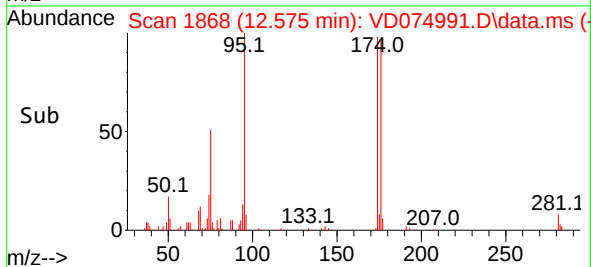
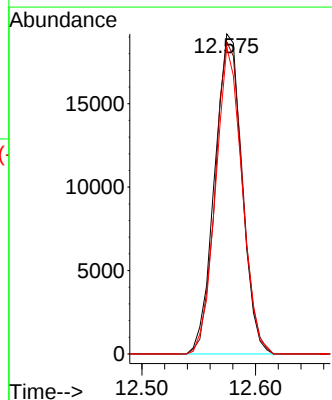
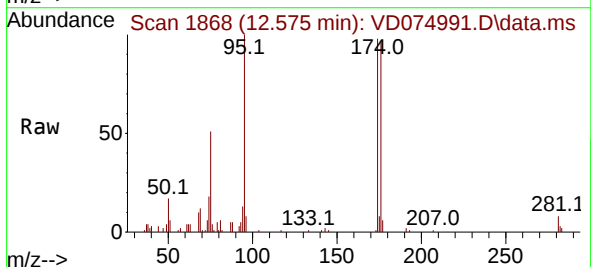
Instrument :
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ClientSampleId :
CL-02-11622

Tgt Ion: 98 Resp: 92689
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.991 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 95 Resp: 32020
Ion Ratio Lower Upper
95 100
174 97.3 0.0 197.0
176 92.9 0.0 182.6

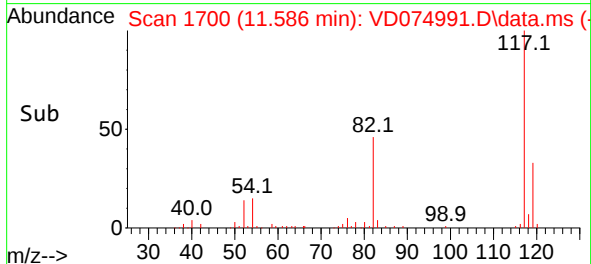
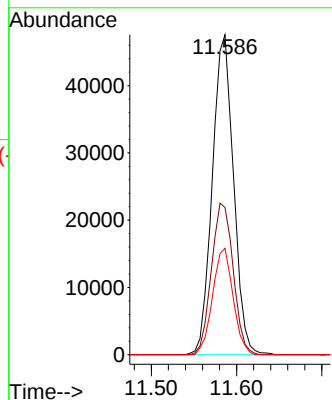
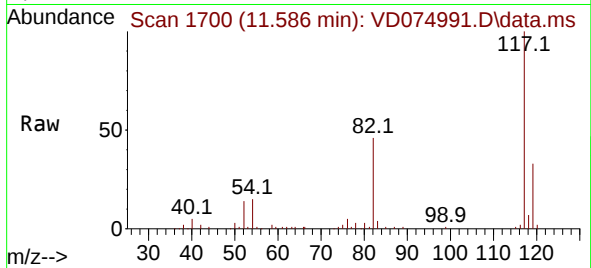




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 117
Delta R.T. 0.005 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

Tgt Ion:117 Resp: 82249
Ion Ratio Lower Upper
117 100
82 46.0 41.6 62.4
119 33.2 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: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion:152 Resp: 36151
Ion Ratio Lower Upper
152 100
115 53.4 26.8 80.4
150 158.7 0.0 348.2

