

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073147.D
 Acq On : 19 May 2022 19:19
 Operator : VA/SY
 Sample : N2889-03RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D2321-22-SOIL

Quant Time: May 20 01:50:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	106935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	176227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	193626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	87764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75184	63.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.240%
35) Dibromofluoromethane	7.909	113	69549	59.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.620%
50) Toluene-d8	10.332	98	218995	51.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.620	95	82744	55.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.000%

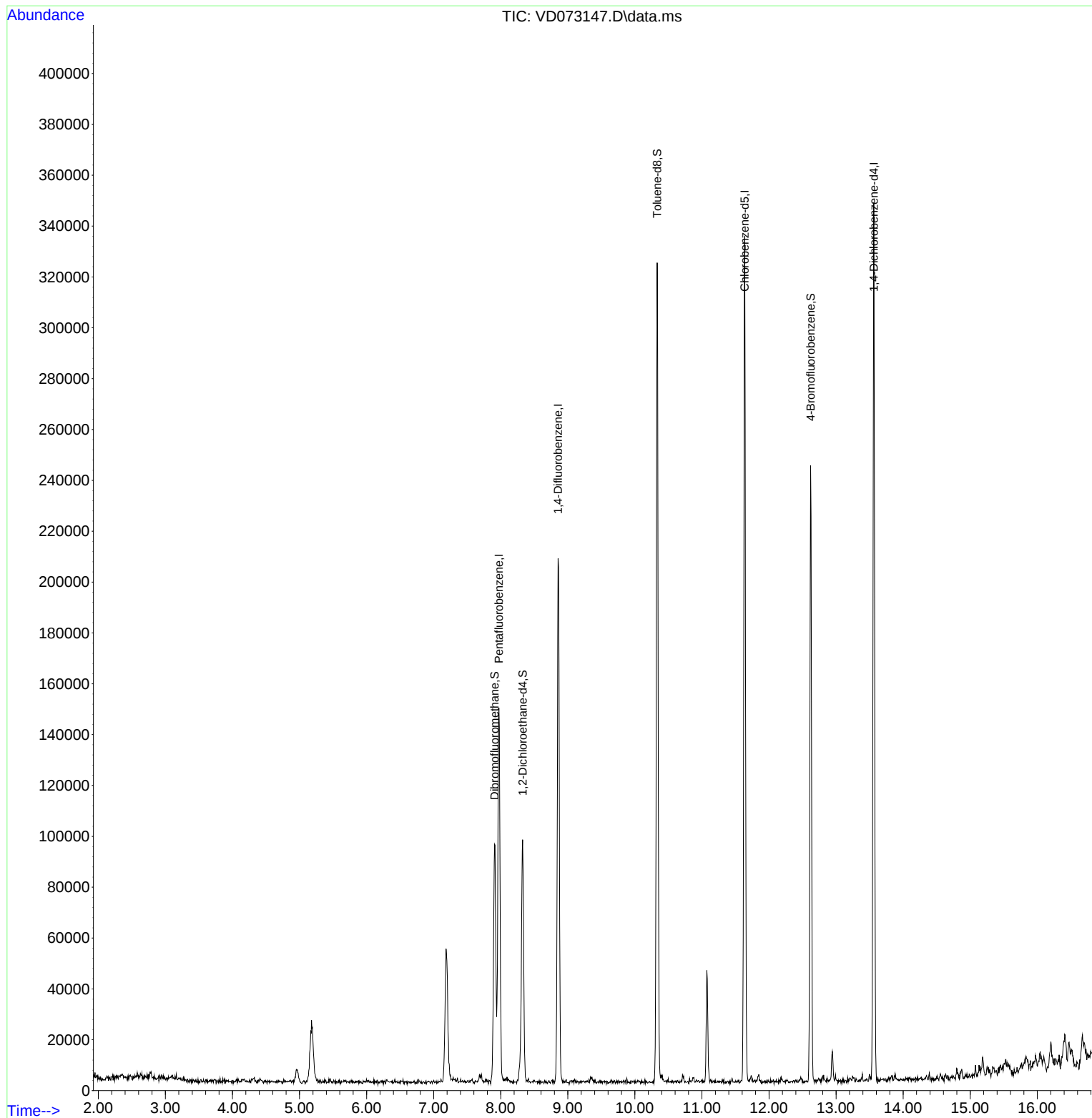
Target Compounds	Qvalue

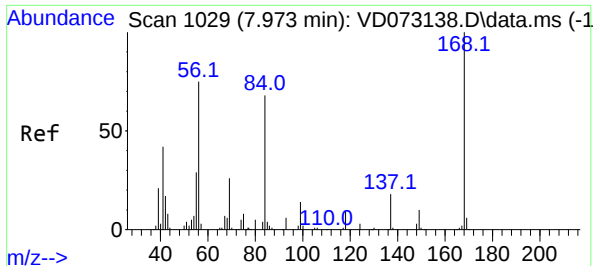
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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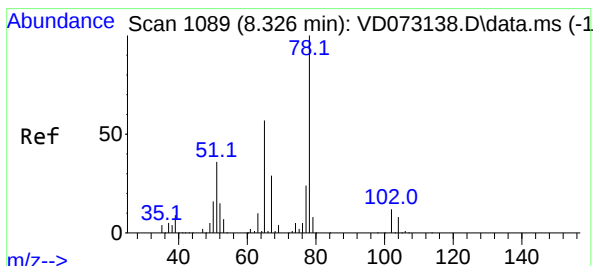
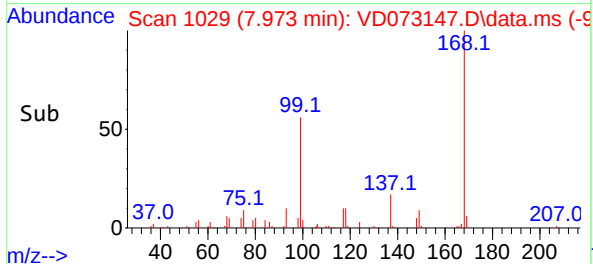
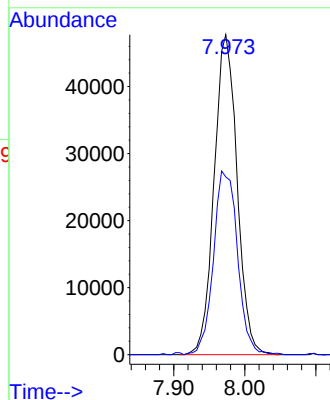
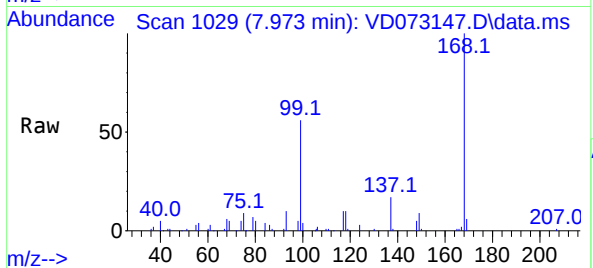




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

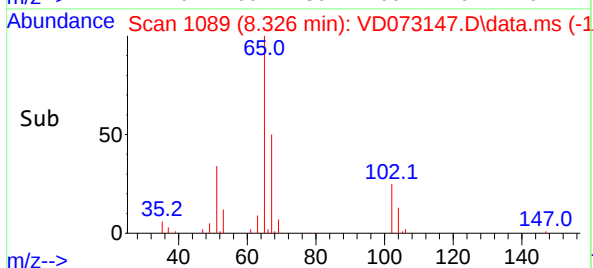
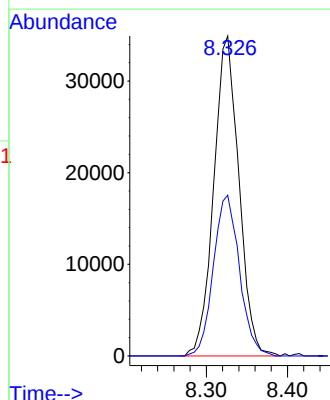
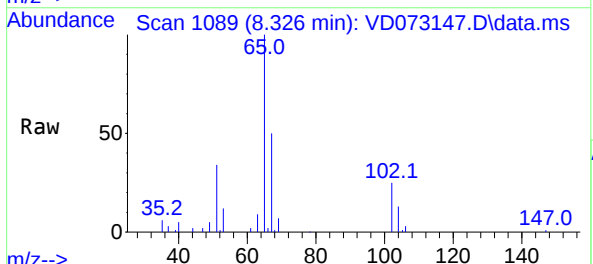
Instrument :
MSVOA_D
ClientSampleId :
D2321-22-SOIL

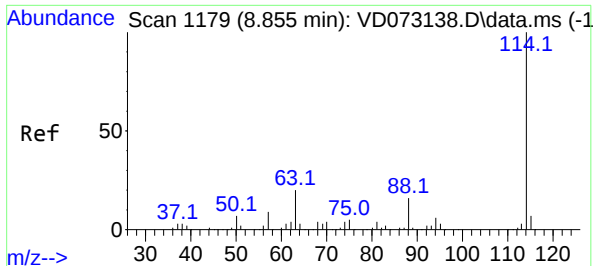
Tgt Ion:168 Resp: 106935
Ion Ratio Lower Upper
168 100
99 55.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 63.619 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

Tgt Ion: 65 Resp: 75184
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4

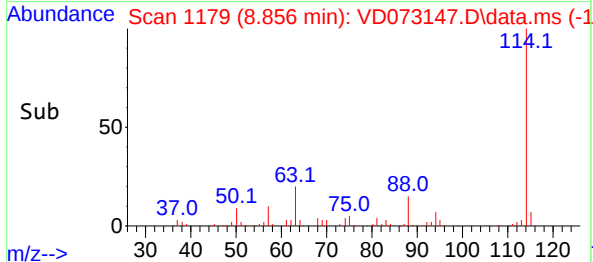
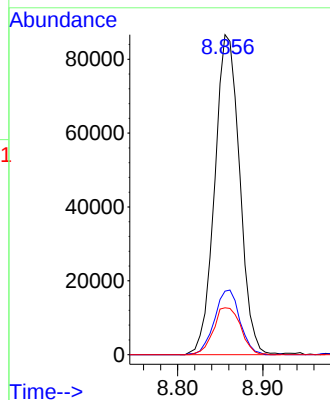
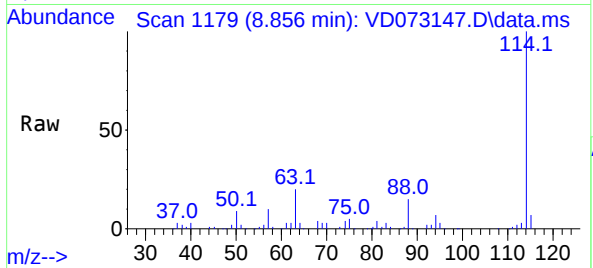




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

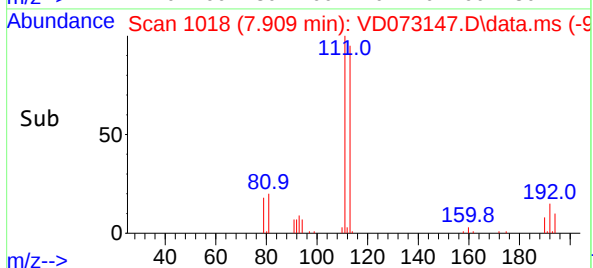
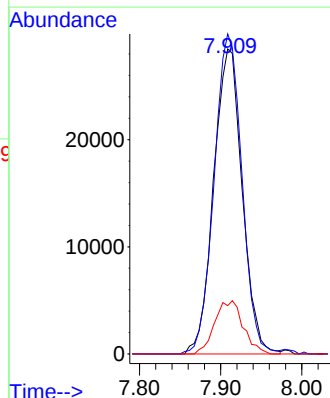
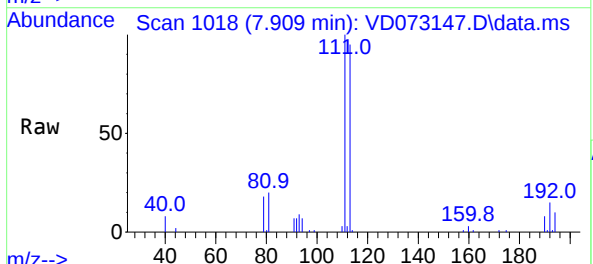
Instrument :
MSVOA_D
ClientSampleId :
D2321-22-SOIL

Tgt Ion:114 Resp: 176227
Ion Ratio Lower Upper
114 100
63 19.8 0.0 46.6
88 14.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 59.808 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

Tgt Ion:113 Resp: 69549
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.4 14.6 21.8

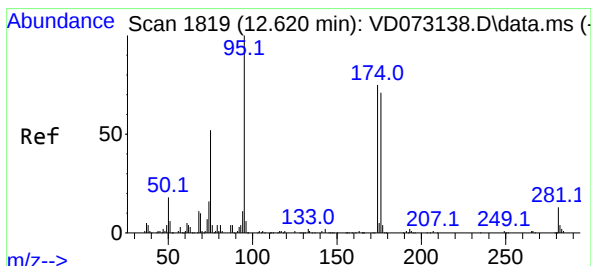
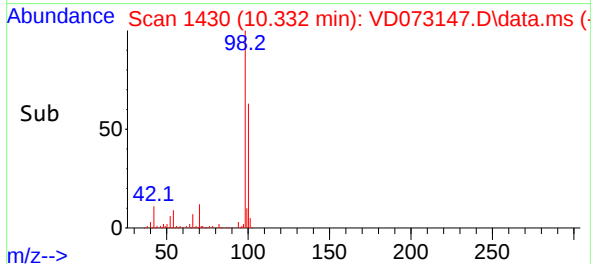
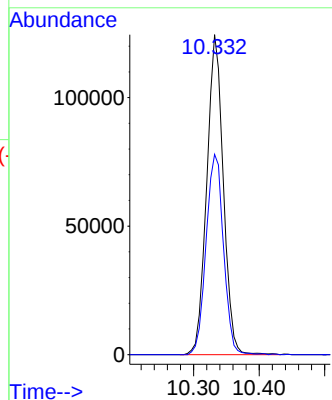
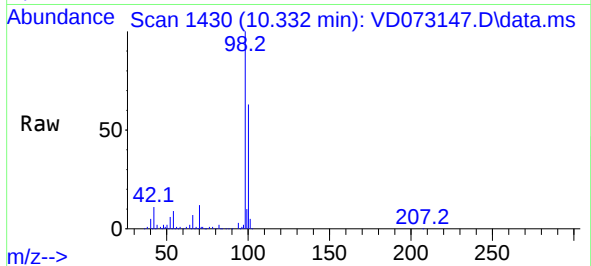




#50
Toluene-d8
Concen: 51.088 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

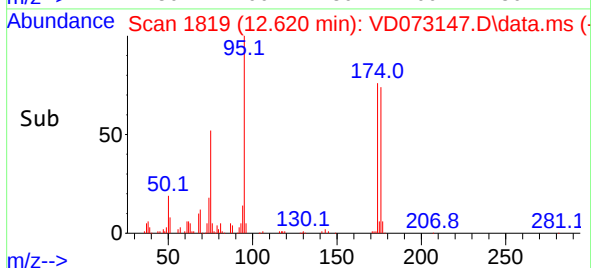
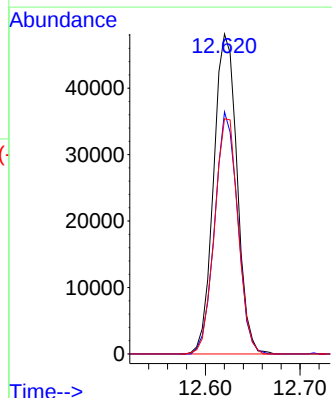
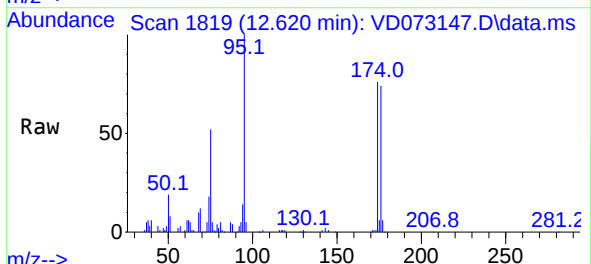
Instrument :
MSVOA_D
ClientSampleId :
D2321-22-SOIL

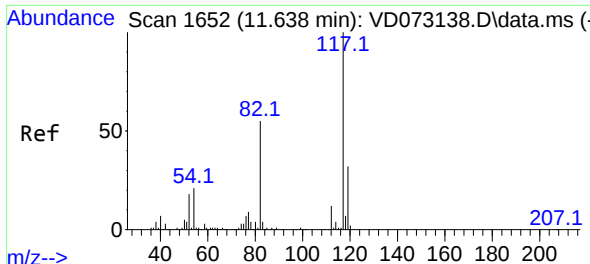
Tgt Ion: 98 Resp: 218995
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

Tgt Ion: 95 Resp: 82744
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 73.8 0.0 145.4

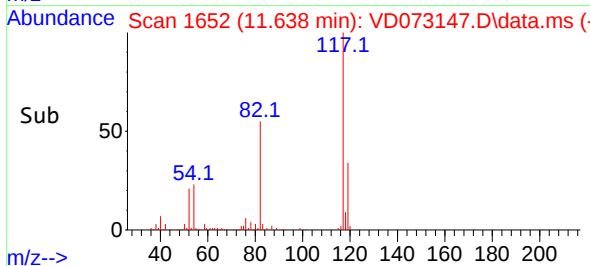
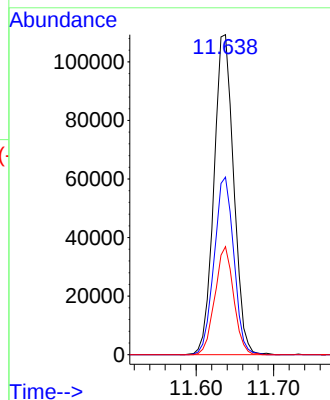
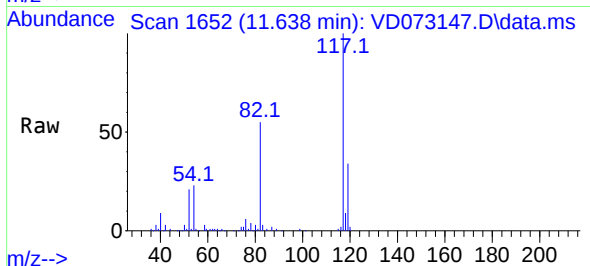




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
D2321-22-SOIL

Tgt Ion:	117	Resp:	193626
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.3	67.9
119	33.7	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073147.D
Acq: 19 May 2022 19:19

Tgt Ion:	152	Resp:	87764
Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.3	93.8
150	162.5	0.0	348.6

