

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072939.D
 Acq On : 11 May 2022 19:10
 Operator : VA/SY
 Sample : N2749-19
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: May 12 04:15:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	313614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	572165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	581189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264515	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194090	47.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.909	113	189249	47.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.332	98	699780	48.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.620	95	264316	49.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.360%

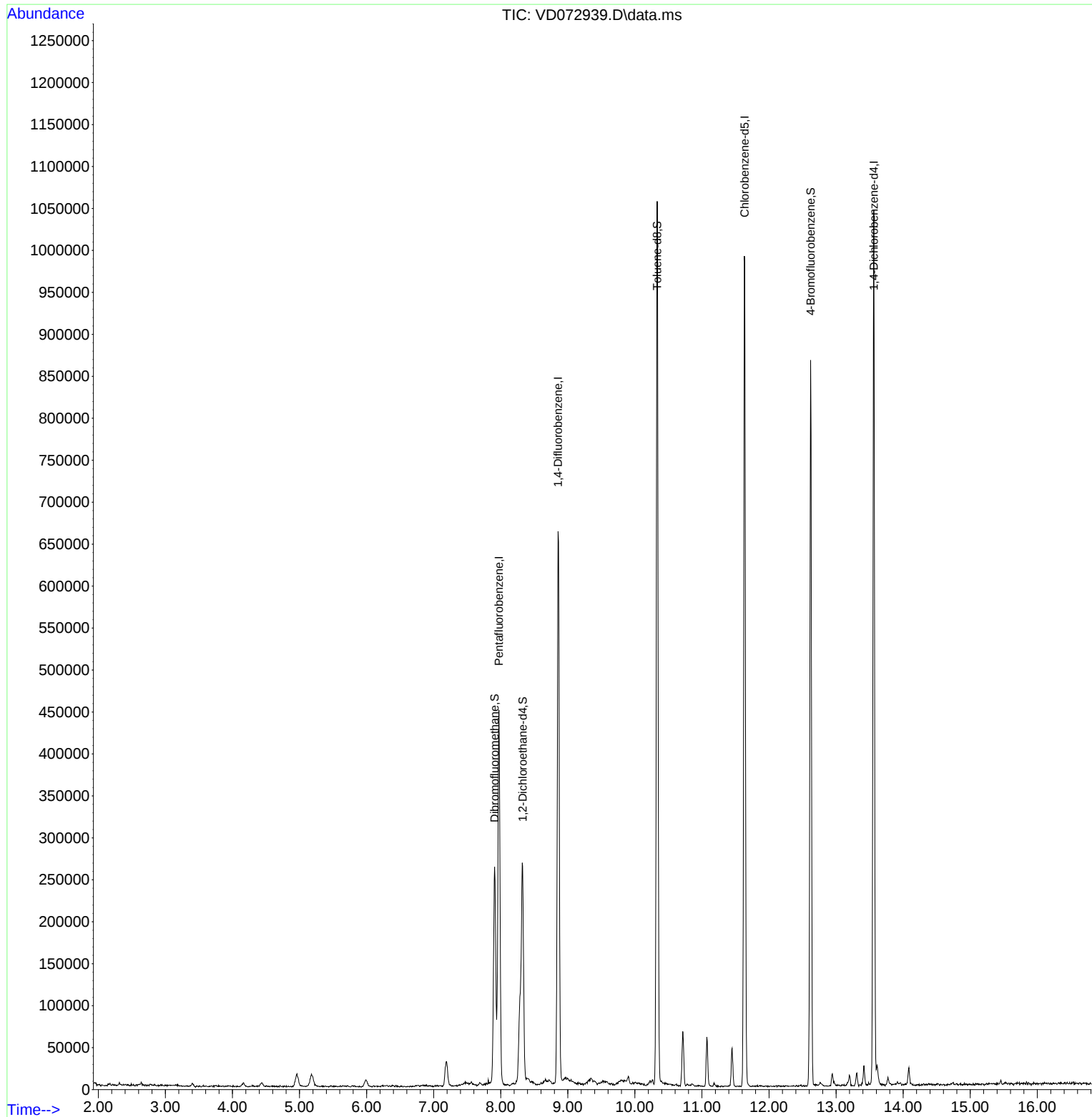
Target Compounds	Qvalue

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

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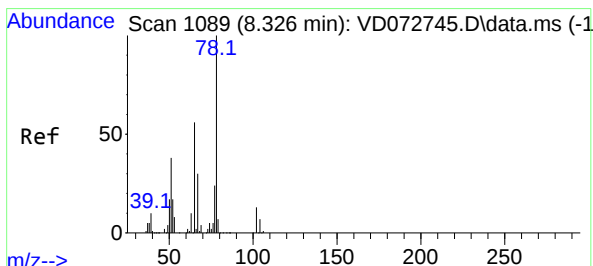
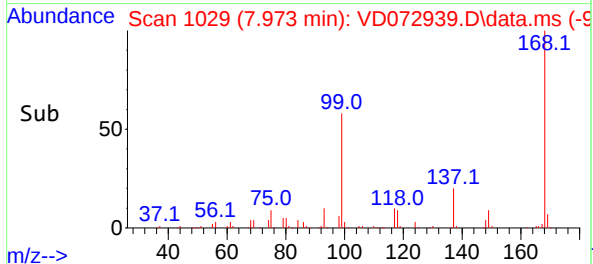
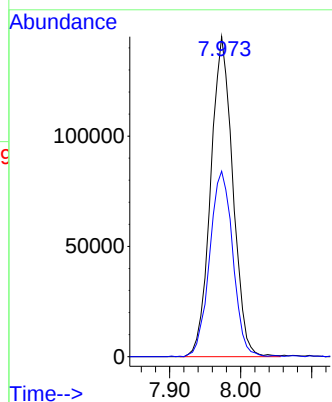
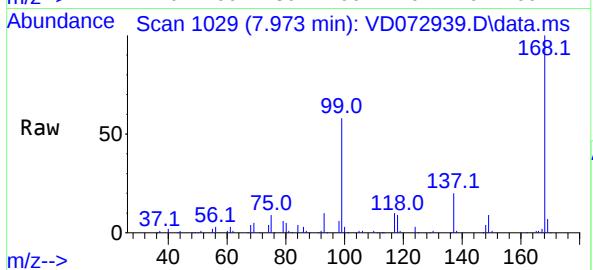




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072939.D
Acq: 11 May 2022 19:10

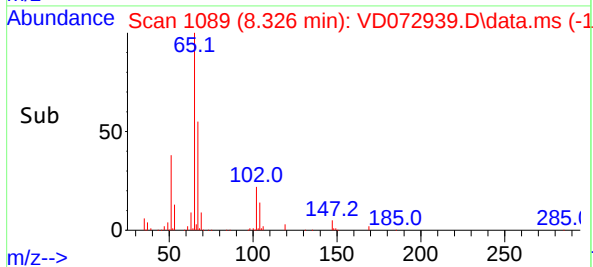
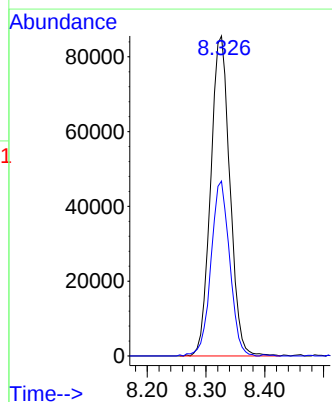
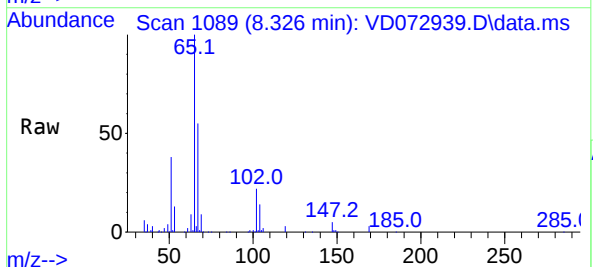
Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:168 Resp: 313614
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.677 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072939.D
Acq: 11 May 2022 19:10

Tgt Ion: 65 Resp: 194090
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072939.D

Acq: 11 May 2022 19:10

Instrument :

MSVOA_D

ClientSampleId :

TP-7

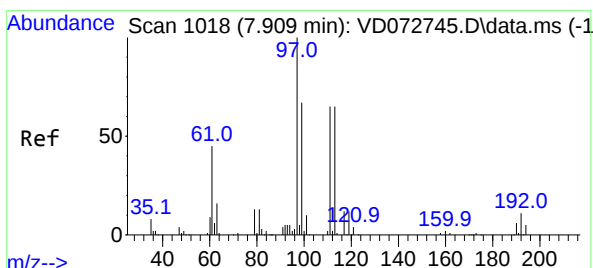
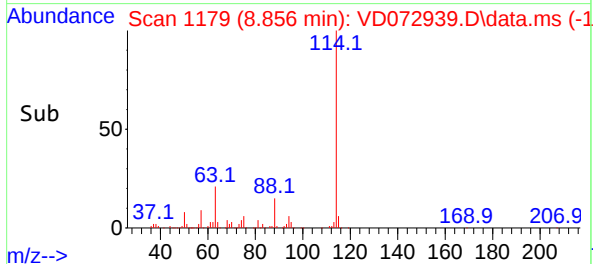
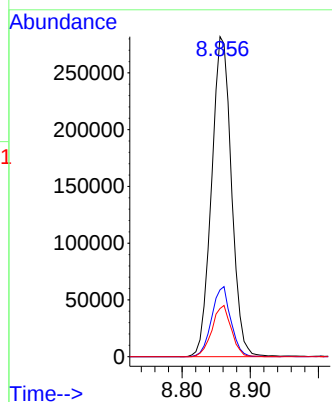
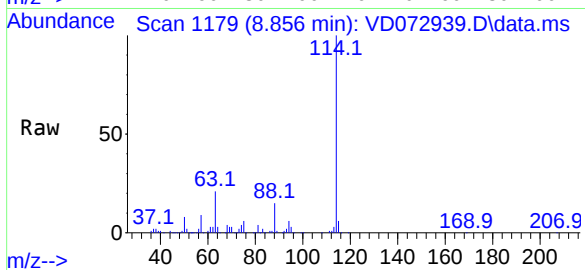
Tgt Ion:114 Resp: 572165

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.096 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072939.D

Acq: 11 May 2022 19:10

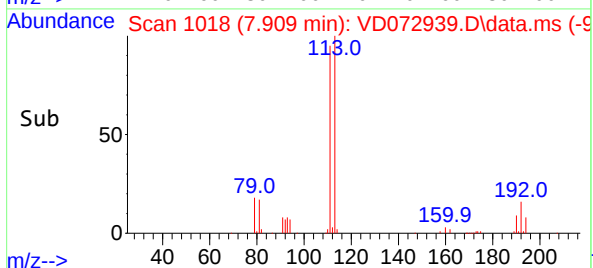
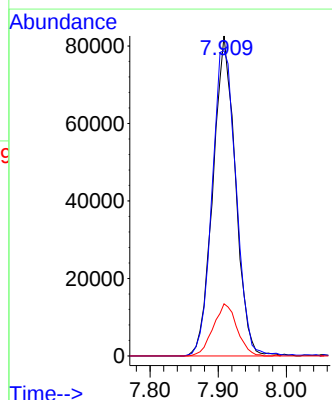
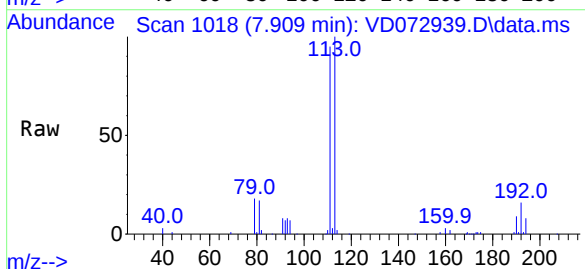
Tgt Ion:113 Resp: 189249

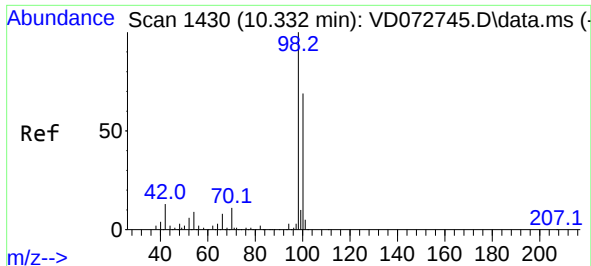
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 17.2 14.6 21.8

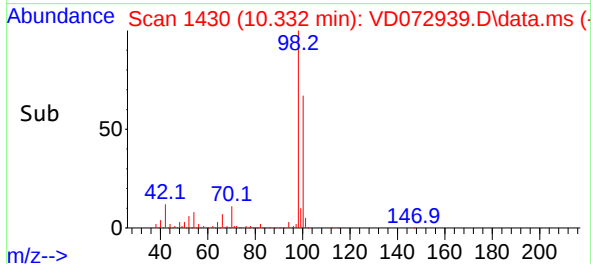
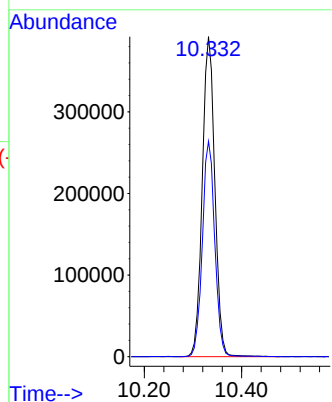
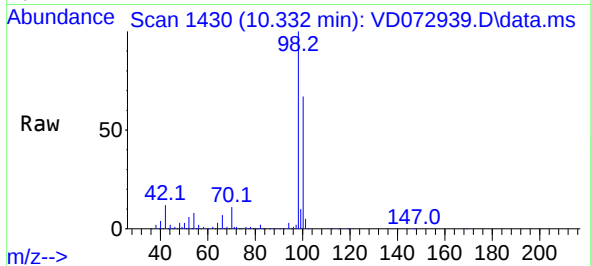




#50
Toluene-d8
Concen: 48.548 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072939.D
Acq: 11 May 2022 19:10

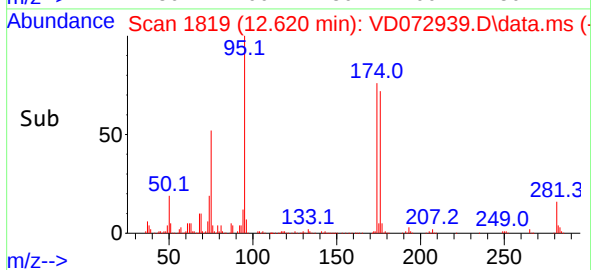
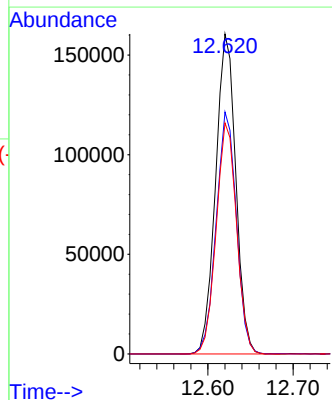
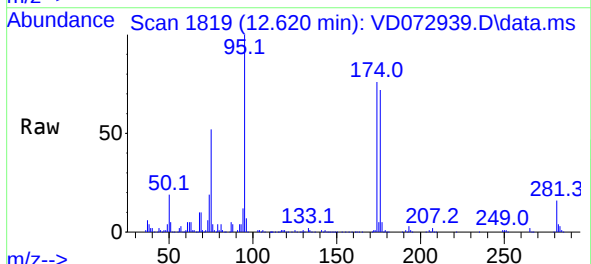
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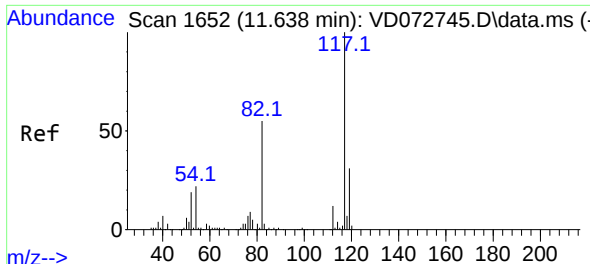
Tgt Ion: 98 Resp: 699780
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.178 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072939.D
Acq: 11 May 2022 19:10

Tgt Ion: 95 Resp: 264316
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 72.8 0.0 145.4

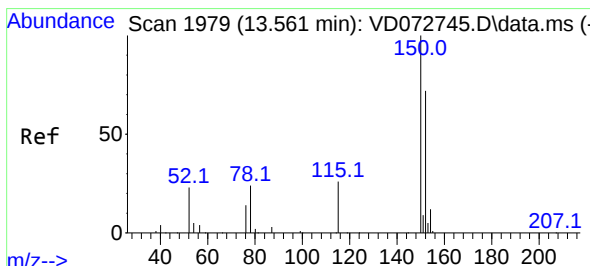
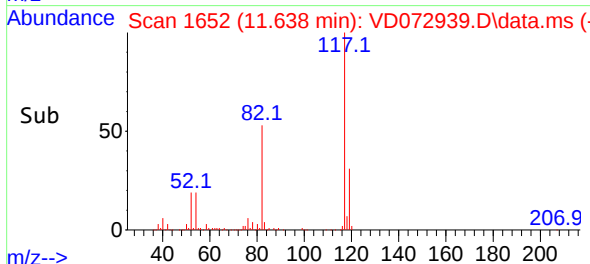
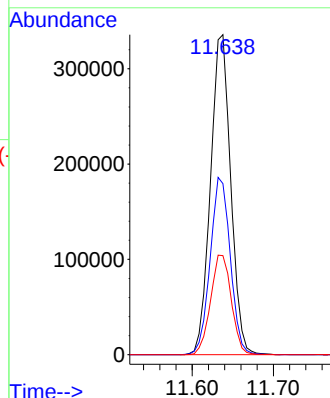
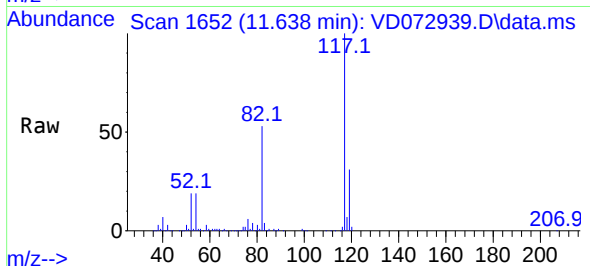




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072939.D
Acq: 11 May 2022 19:10

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:117 Resp: 581189
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 31.0 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: VD072939.D
Acq: 11 May 2022 19:10

Tgt Ion:152 Resp: 264515
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 159.1 0.0 348.6

