

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073012.D
 Acq On : 14 May 2022 02:56
 Operator : VA/SY
 Sample : VD0513SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBL02

Quant Time: May 16 05:19:32 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	357767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	275607	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188509	40.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.180%
35) Dibromofluoromethane	7.909	113	203612	46.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.332	98	762081	48.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.620	95	267991	45.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.740%

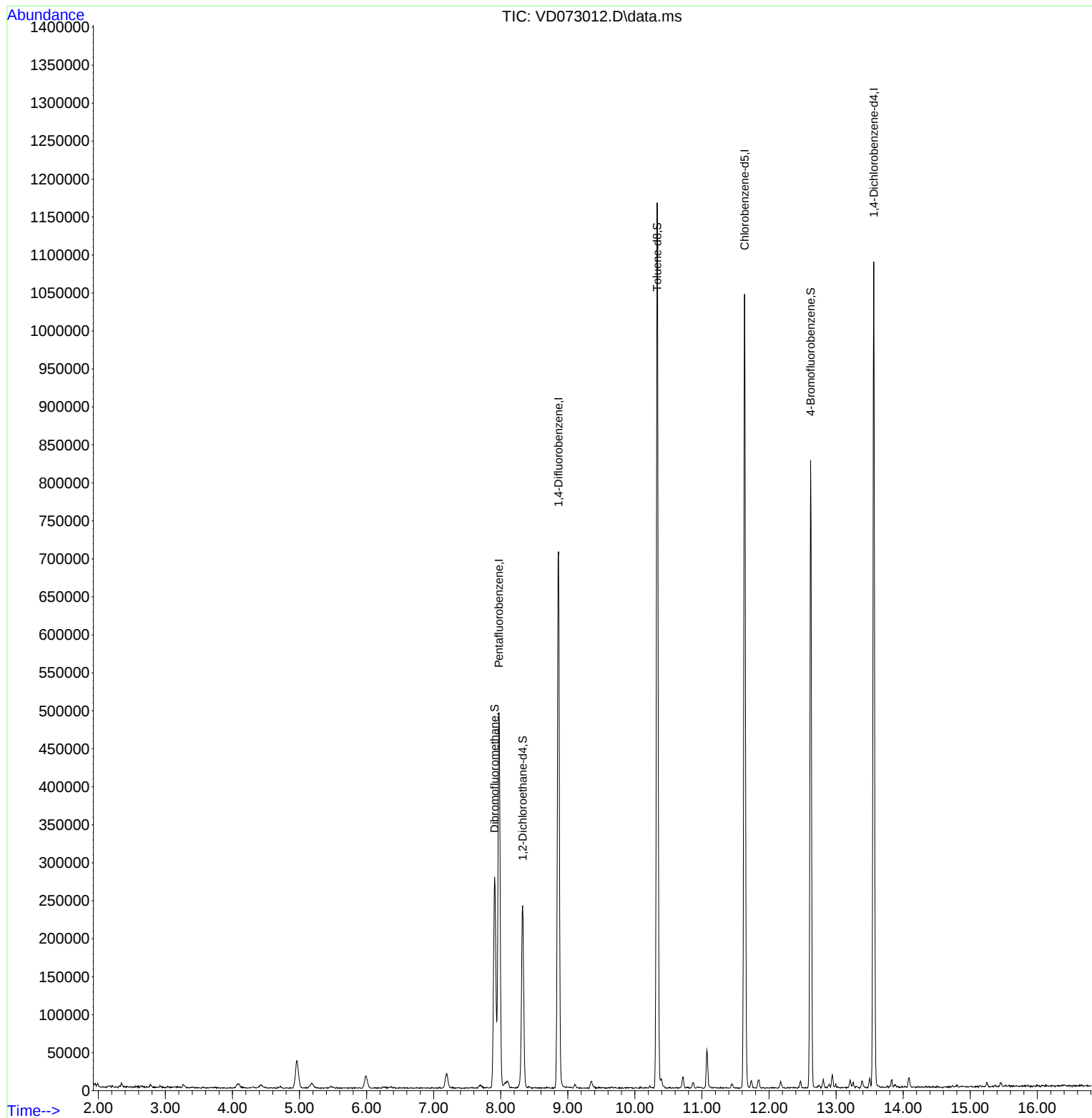
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073012.D

Acq: 14 May 2022 02:56

Instrument :

MSVOA_D

ClientSampleId :

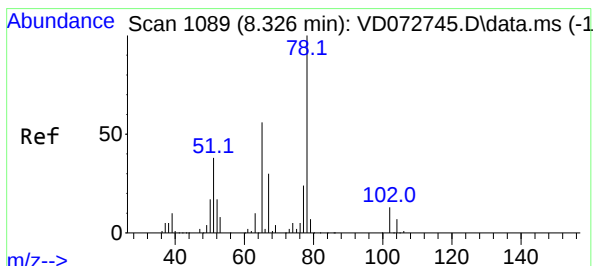
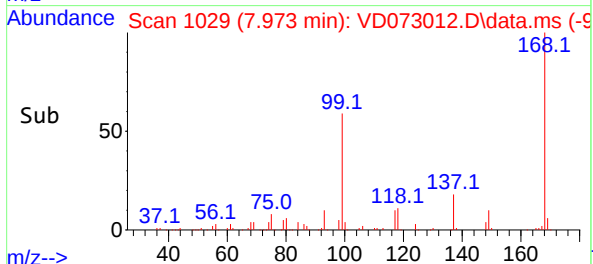
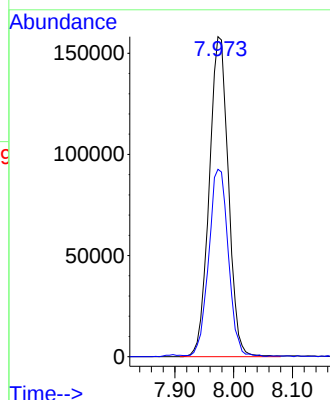
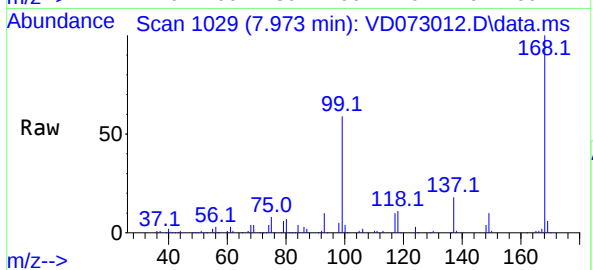
VD0513SBL02

Tgt Ion:168 Resp: 357767

Ion Ratio Lower Upper

168 100

99 58.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 40.591 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073012.D

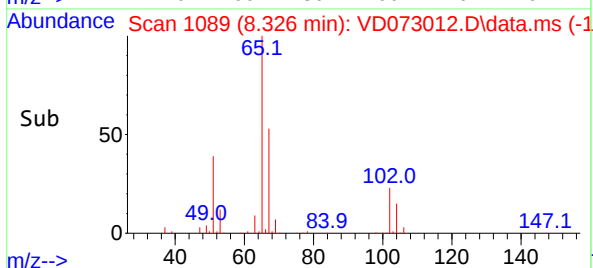
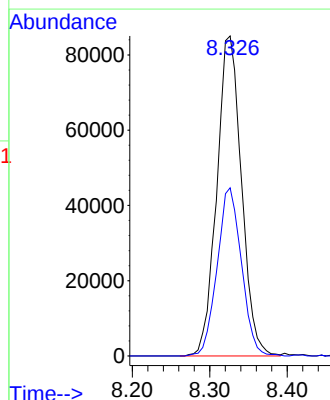
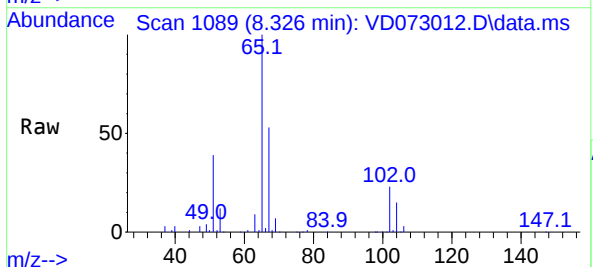
Acq: 14 May 2022 02:56

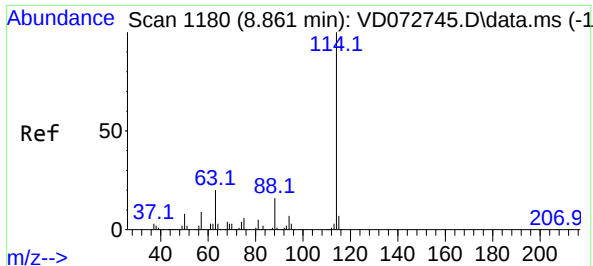
Tgt Ion: 65 Resp: 188509

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



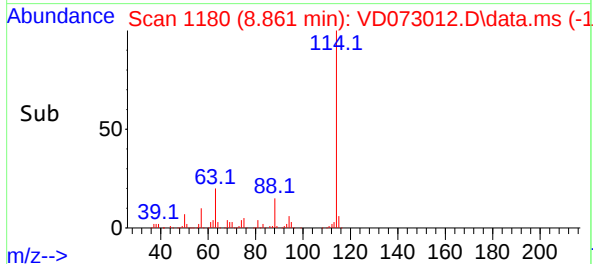
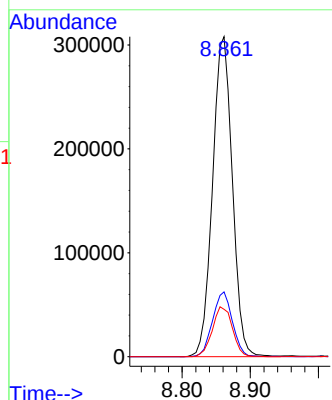
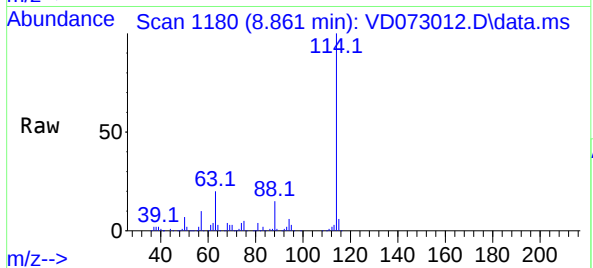


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

Tgt Ion:114 Resp: 621935

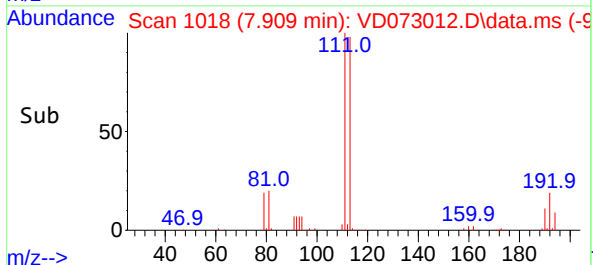
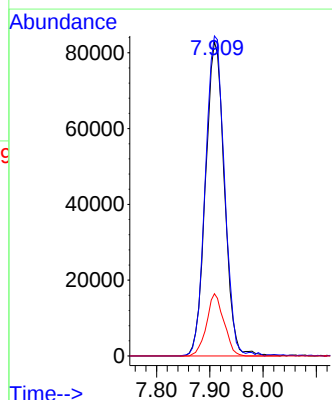
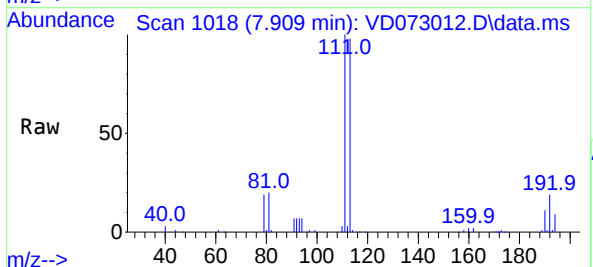
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	14.8	0.0	33.2

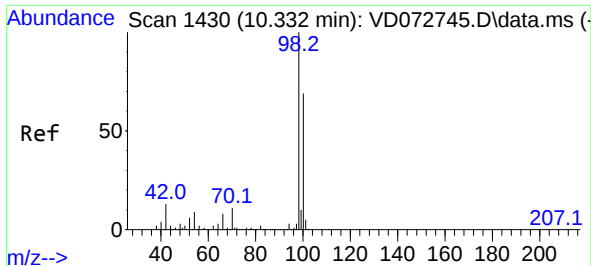


#35
Dibromofluoromethane
Concen: 46.615 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion:113 Resp: 203612

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	18.3	14.6	21.8

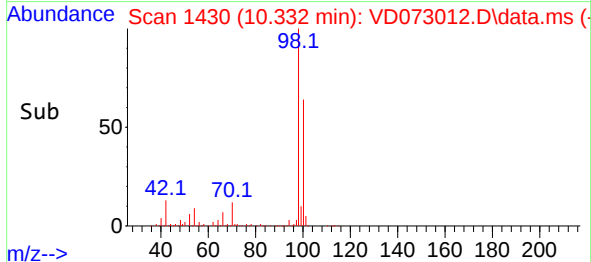
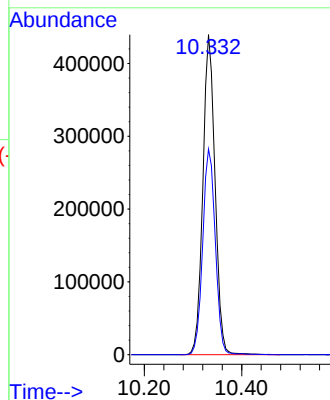
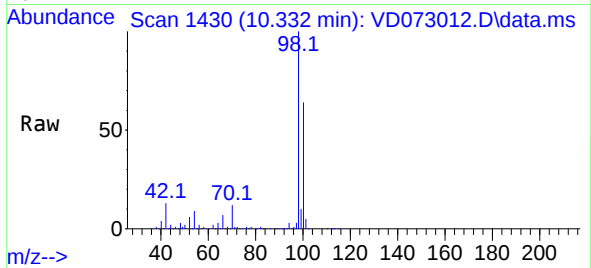




#50
Toluene-d8
Concen: 48.639 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

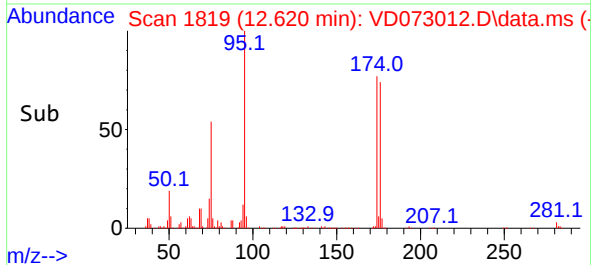
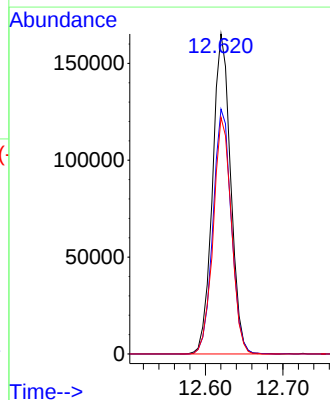
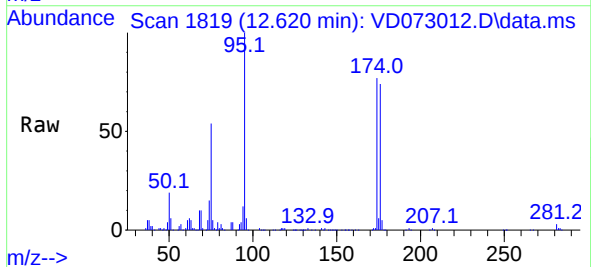
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

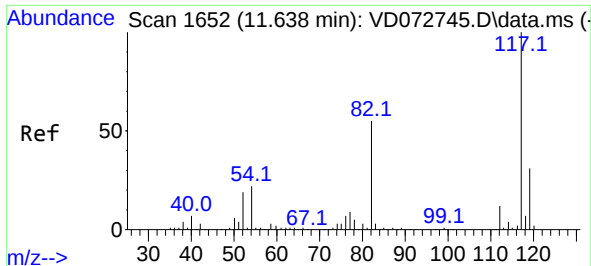
Tgt Ion: 98 Resp: 762081
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.871 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion: 95 Resp: 267991
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.8 0.0 145.4

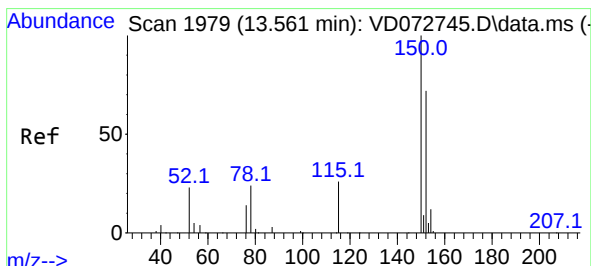
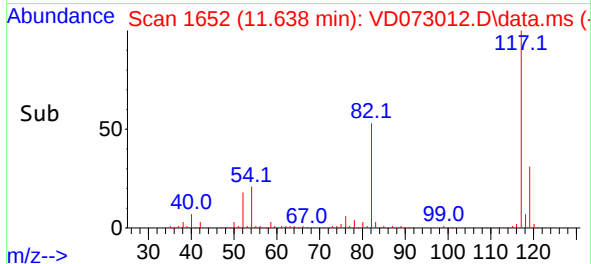
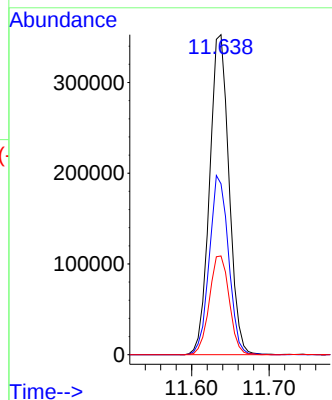
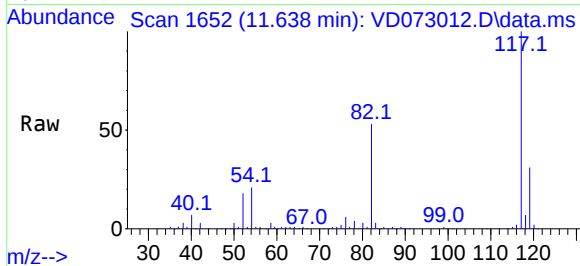




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073012.D
Acq: 14 May 2022 02:56

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBL02

Tgt Ion:117 Resp: 613743
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.9 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: VD073012.D
Acq: 14 May 2022 02:56

Tgt Ion:152 Resp: 275607
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 159.9 0.0 348.6

