

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072330.D
 Acq On : 21 Mar 2022 10:21
 Operator : VA/SY
 Sample : VD0321SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0321SBL01

Quant Time: Mar 22 02:09:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	448015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	777152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	387930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209852	42.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.060%
35) Dibromofluoromethane	7.909	113	224105	43.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.900%
50) Toluene-d8	10.332	98	899549	48.241	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.620	95	373466	51.546	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.100%

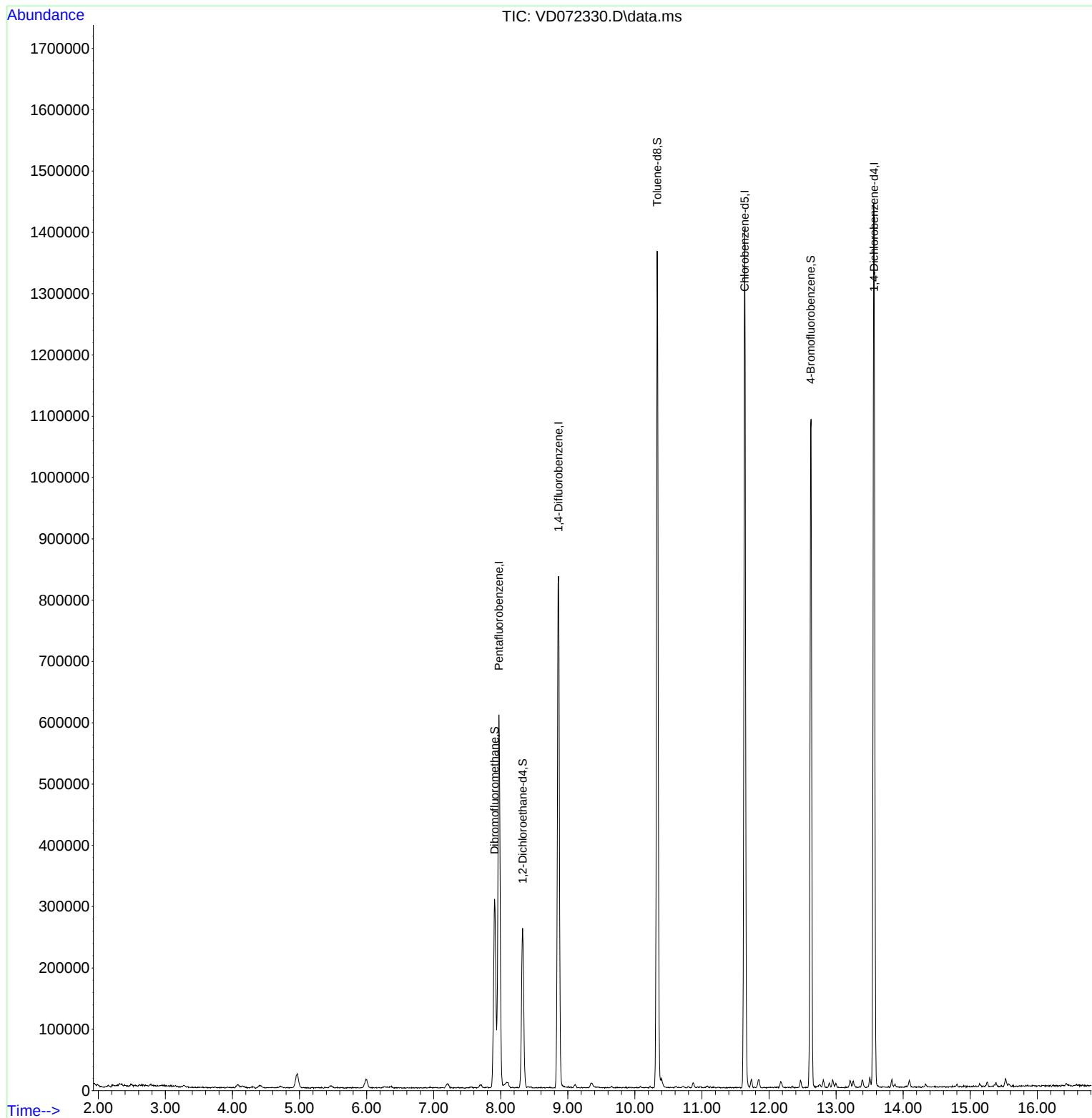
Target Compounds	Qvalue

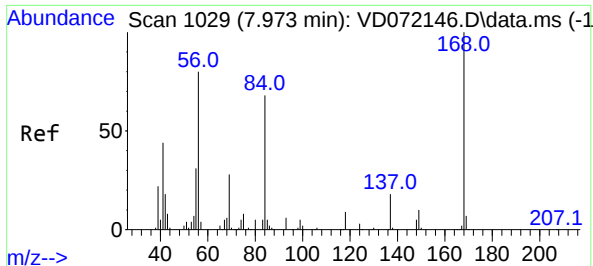
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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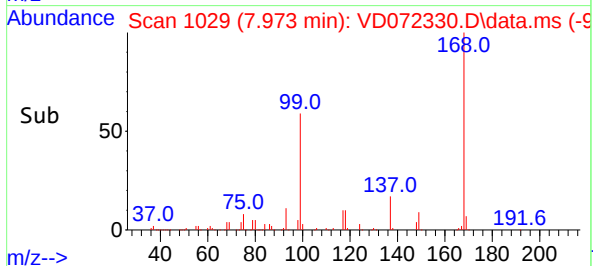
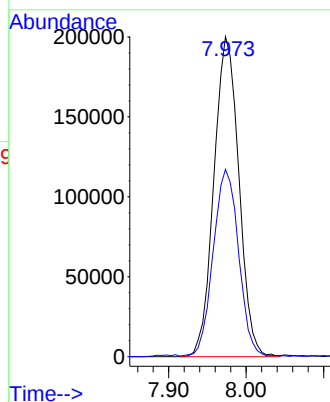
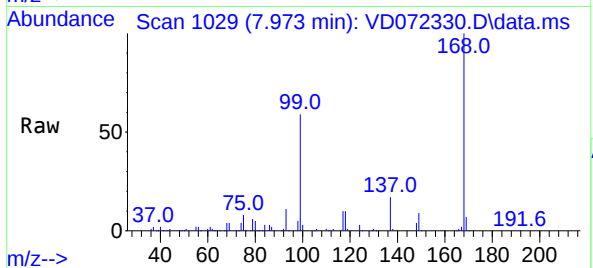




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

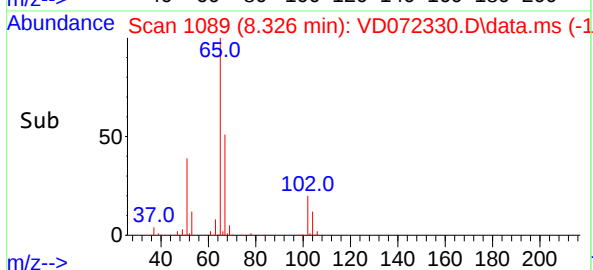
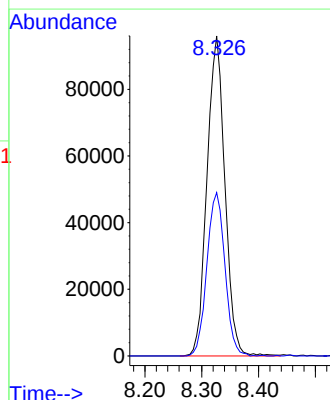
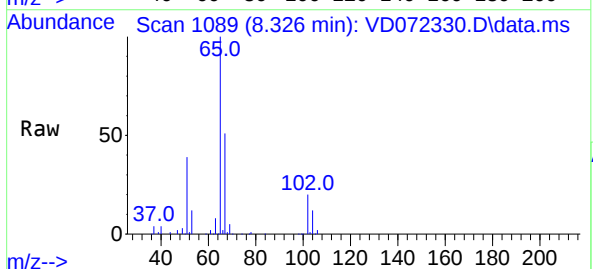
Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

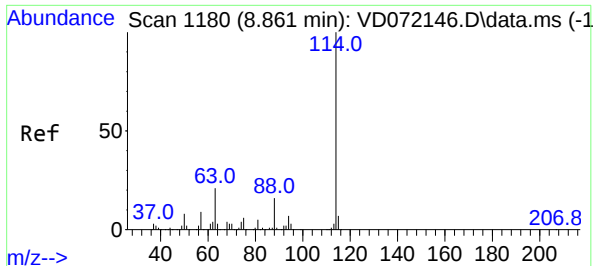
Tgt Ion:168 Resp: 448015
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.030 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 65 Resp: 209852
Ion Ratio Lower Upper
65 100
67 51.3 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: VD072330.D

Acq: 21 Mar 2022 10:21

Instrument :

MSVOA_D

ClientSampleId :

VD0321SBL01

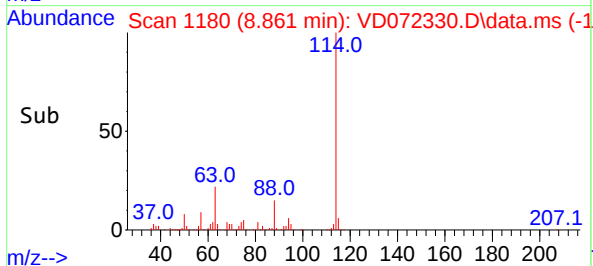
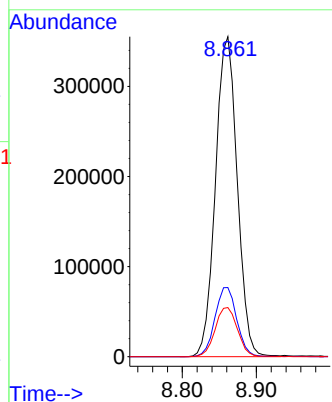
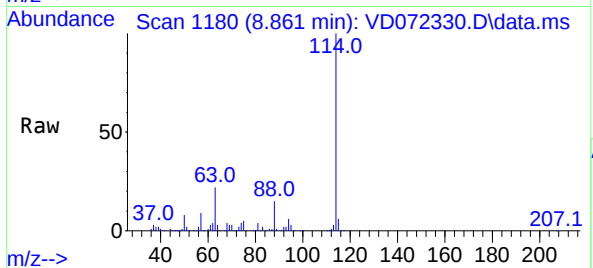
Tgt Ion:114 Resp: 724681

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.945 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072330.D

Acq: 21 Mar 2022 10:21

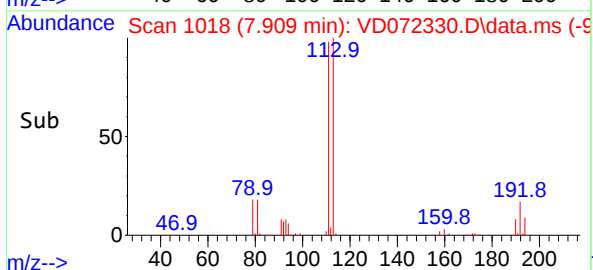
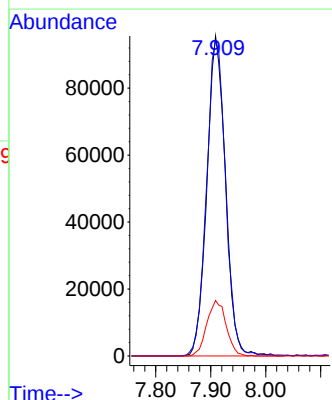
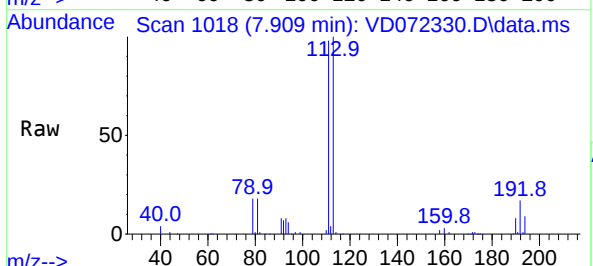
Tgt Ion:113 Resp: 224105

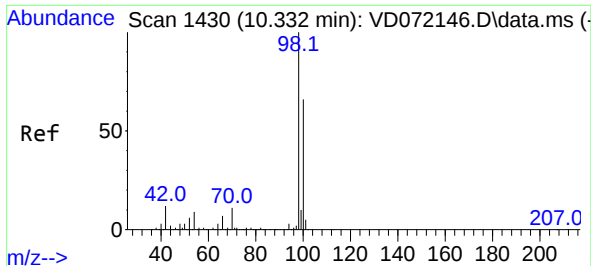
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.0 14.6 21.8

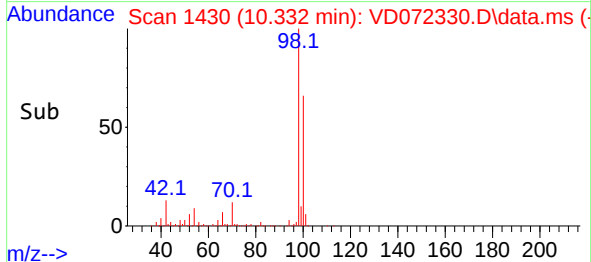
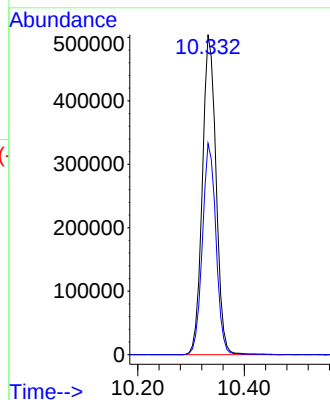
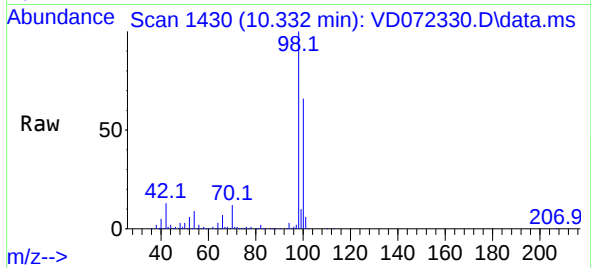




#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

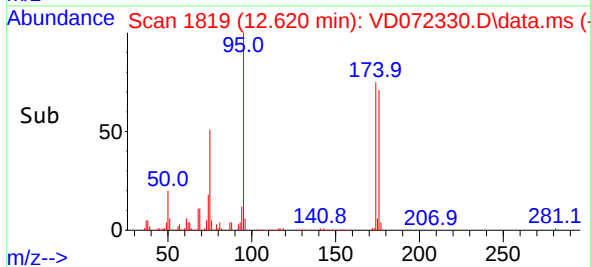
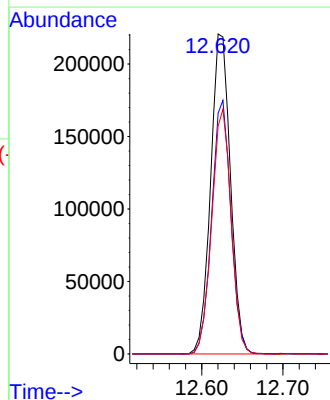
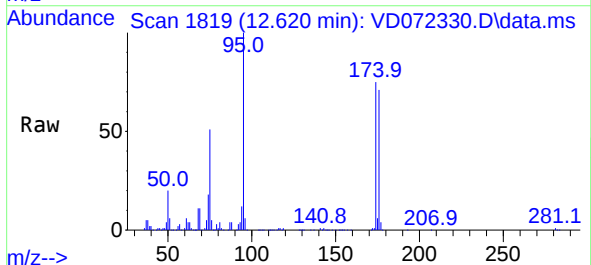
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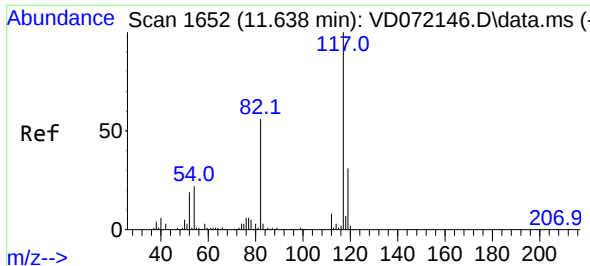
Tgt Ion: 98 Resp: 899549
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.546 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion: 95 Resp: 373466
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.6 0.0 145.4

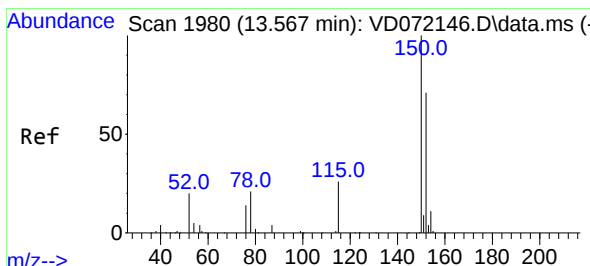
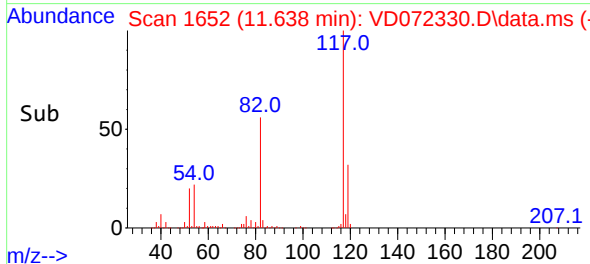
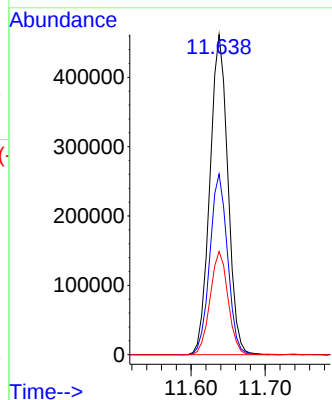
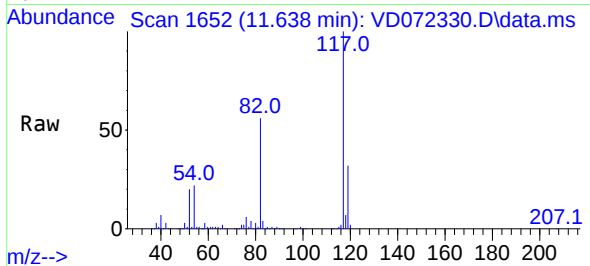




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Instrument :
MSVOA_D
ClientSampleId :
VD0321SBL01

Tgt Ion:	117	Resp:	777152
Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.3	67.9
119	32.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072330.D
Acq: 21 Mar 2022 10:21

Tgt Ion:	152	Resp:	387930
Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.3	93.8
150	156.9	0.0	348.6

