

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072380.D
 Acq On : 23 Mar 2022 13:27
 Operator : VA/SY
 Sample : N2030-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-1RE

Quant Time: Mar 24 00:52:01 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	7.979	168	30379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	47796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	60168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	29410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22367	66.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.140%
35) Dibromofluoromethane	7.914	113	19511	58.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.020%
50) Toluene-d8	10.332	98	62190	50.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.620	95	27381	57.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.600%

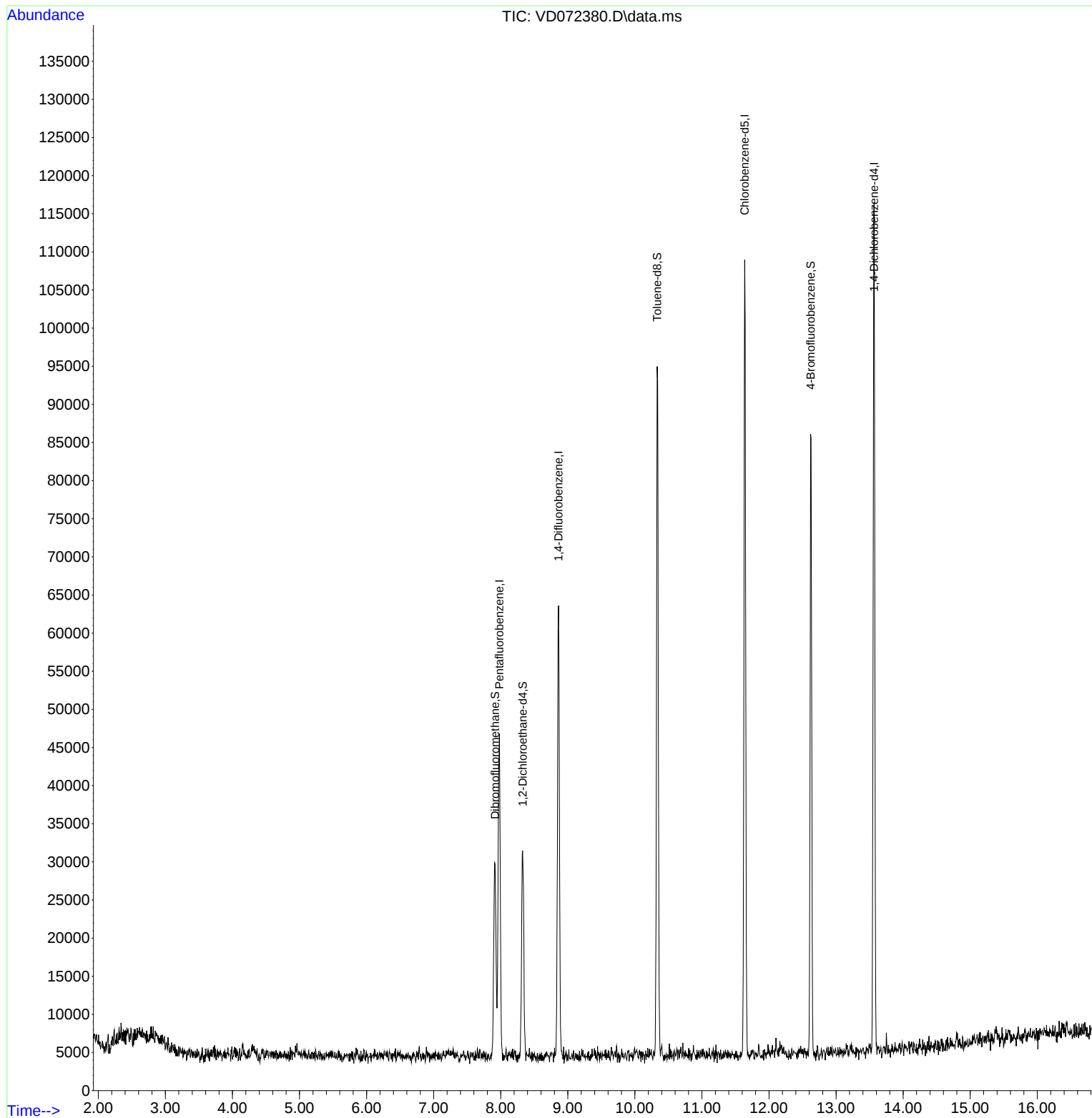
Target Compounds	Qvalue

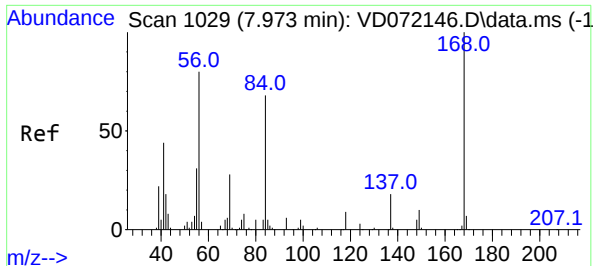
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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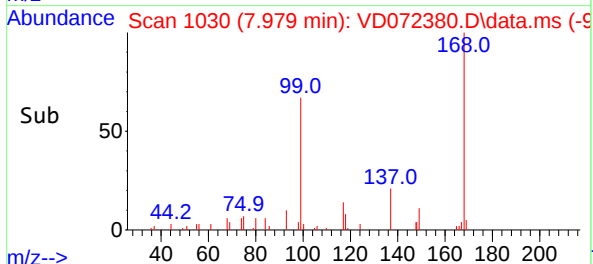
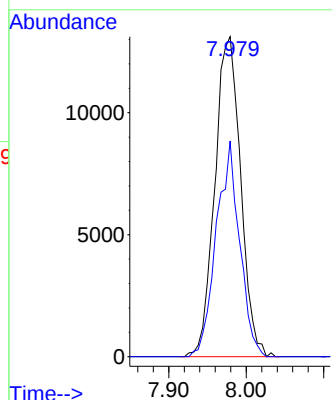
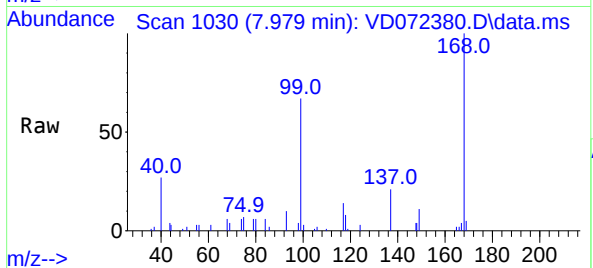




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072380.D
Acq: 23 Mar 2022 13:27

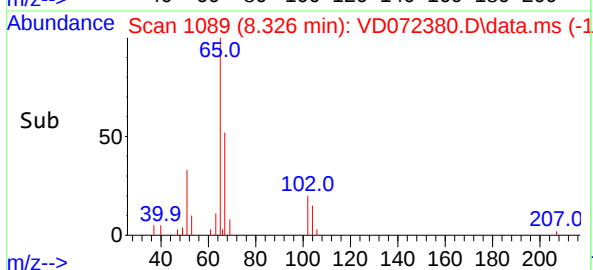
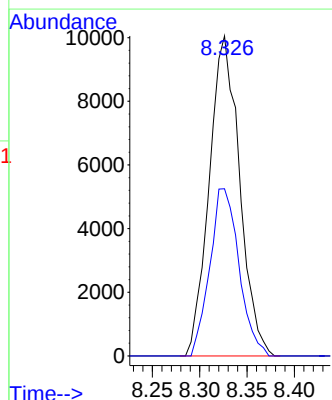
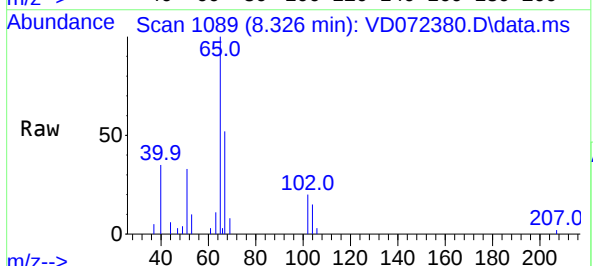
Instrument :
MSVOA_D
ClientSampleId :
MR-1RE

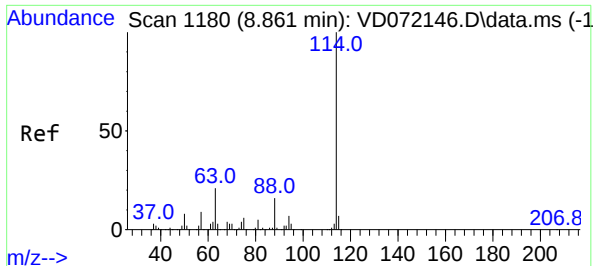
Tgt Ion:168 Resp: 30379
Ion Ratio Lower Upper
168 100
99 67.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 66.066 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072380.D
Acq: 23 Mar 2022 13:27

Tgt Ion: 65 Resp: 22367
Ion Ratio Lower Upper
65 100
67 50.3 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: VD072380.D

Acq: 23 Mar 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

MR-1RE

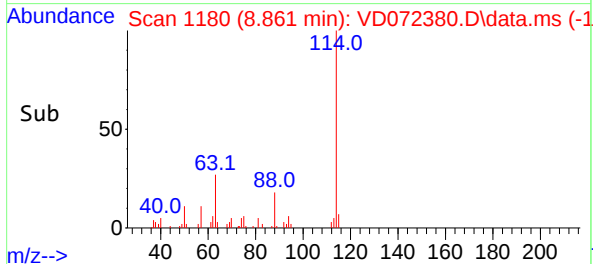
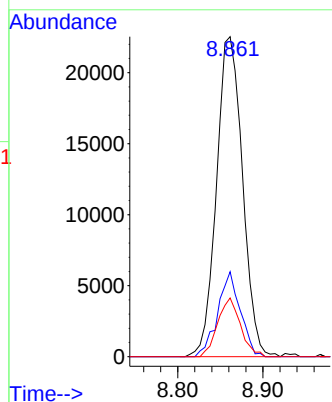
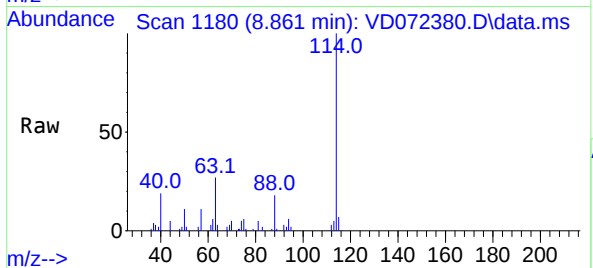
Tgt Ion:114 Resp: 47796

Ion Ratio Lower Upper

114 100

63 26.6 0.0 46.6

88 18.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.009 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072380.D

Acq: 23 Mar 2022 13:27

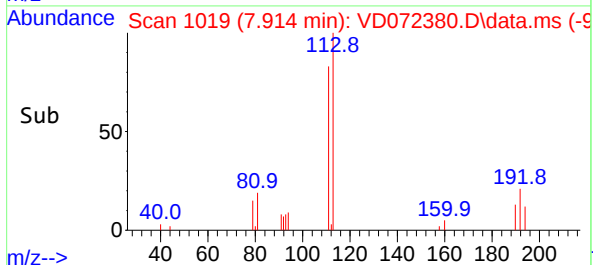
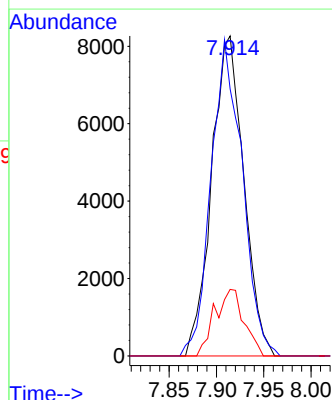
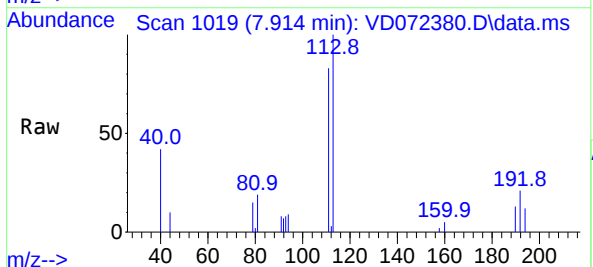
Tgt Ion:113 Resp: 19511

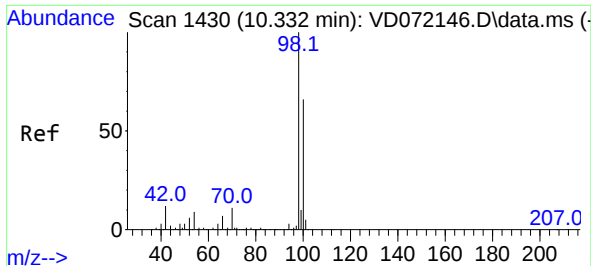
Ion Ratio Lower Upper

113 100

111 96.0 83.8 125.6

192 18.9 14.6 21.8

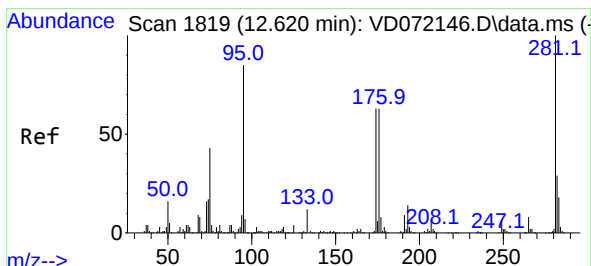
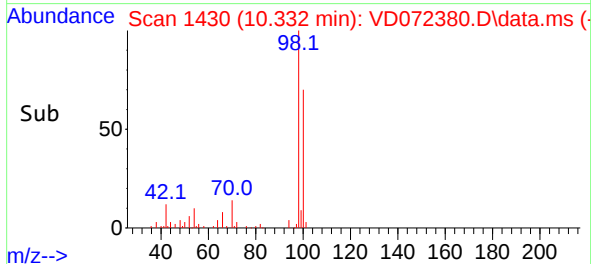
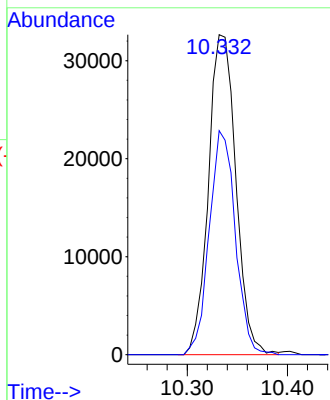
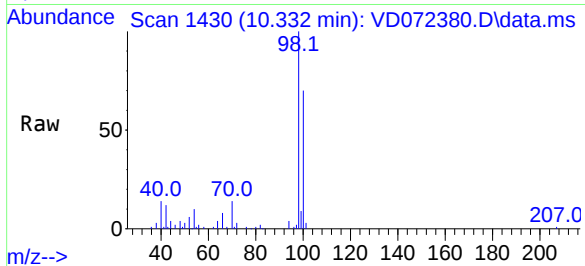




#50
Toluene-d8
Concen: 50.567 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072380.D
Acq: 23 Mar 2022 13:27

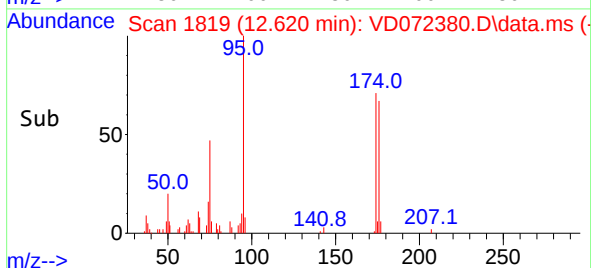
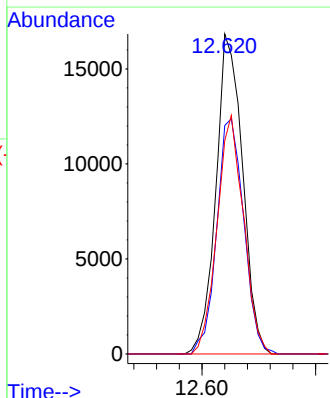
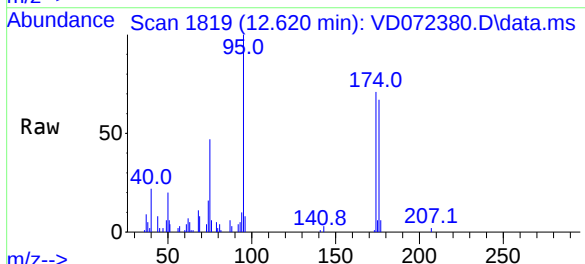
Instrument :
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ClientSampleId :
MR-1RE

Tgt Ion: 98 Resp: 62190
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.299 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072380.D
Acq: 23 Mar 2022 13:27

Tgt Ion: 95 Resp: 27381
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 74.0 0.0 145.4

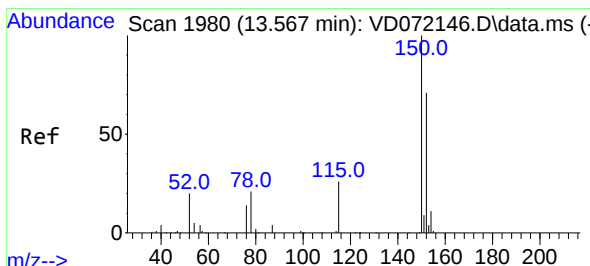
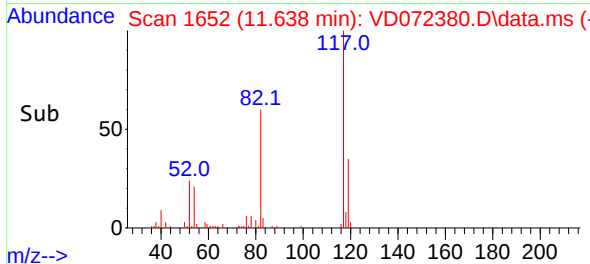
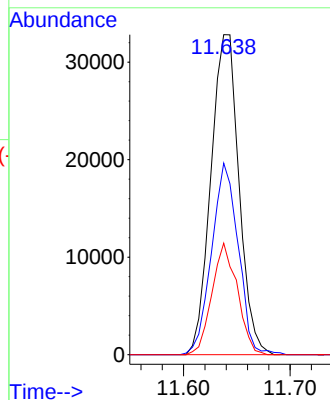
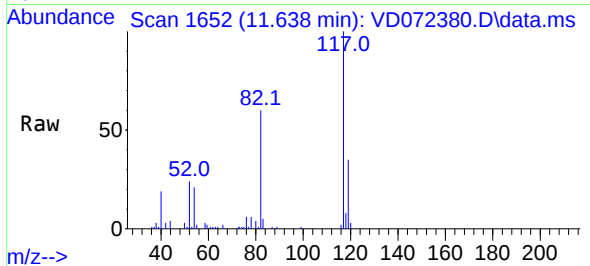




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072380.D
Acq: 23 Mar 2022 13:27

Instrument :
MSVOA_D
ClientSampleId :
MR-1RE

Tgt Ion:	117	Resp:	60168
Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.3	67.9
119	34.9	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: VD072380.D
Acq: 23 Mar 2022 13:27

Tgt Ion:	152	Resp:	29410
Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.3	93.8
150	160.7	0.0	348.6

