

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072410.D
 Acq On : 24 Mar 2022 16:22
 Operator : VA/SY
 Sample : N2058-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MHA

Quant Time: Mar 24 16:46:30 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	116680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	197724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	249895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	128756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	83402	64.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.280%
35) Dibromofluoromethane	7.909	113	73490	52.817	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.640%
50) Toluene-d8	10.332	98	252071	49.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.100%
62) 4-Bromofluorobenzene	12.626	95	120566	60.989	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.980%

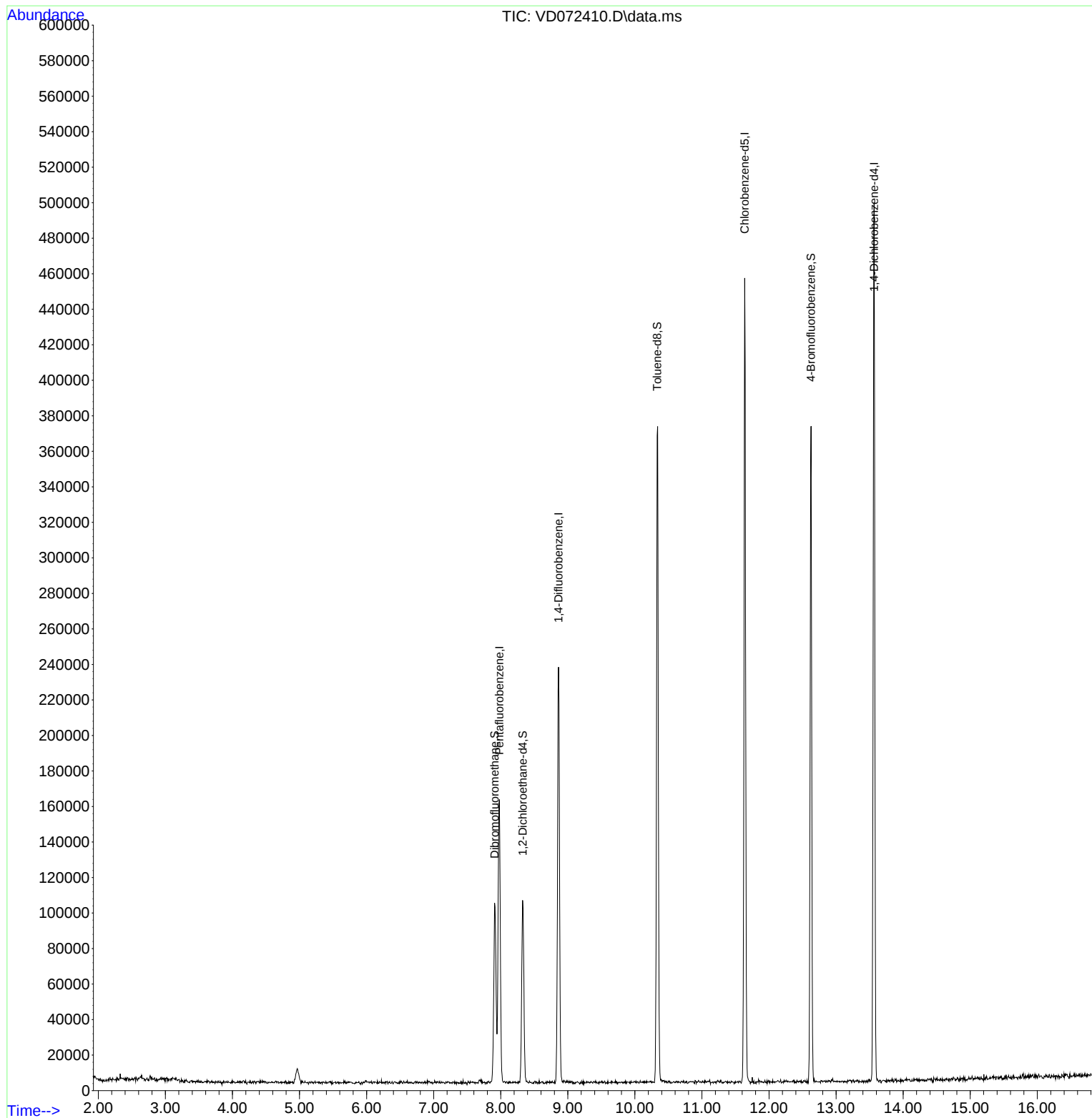
Target Compounds	Qvalue

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

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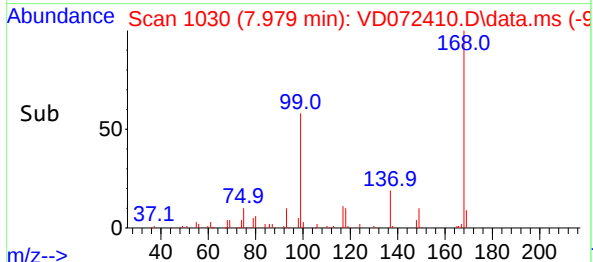
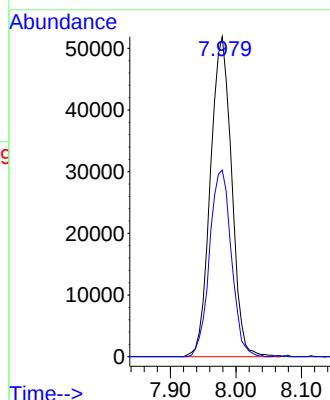
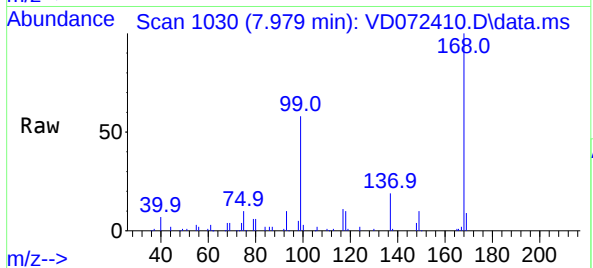




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

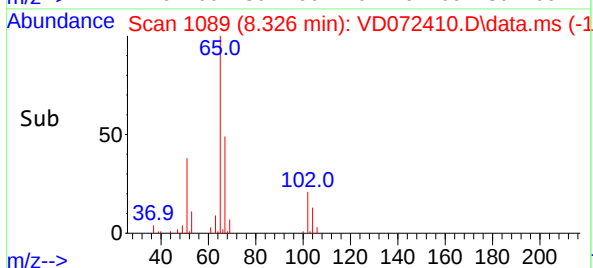
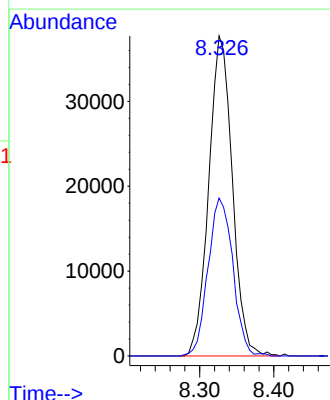
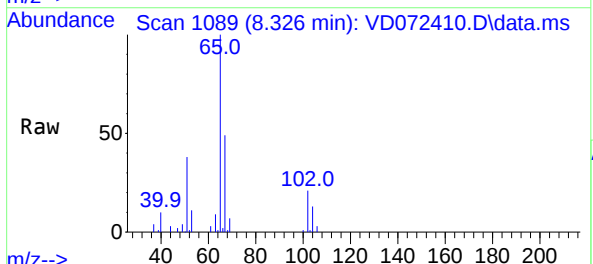
Instrument :
MSVOA_D
ClientSampleId :
MHA

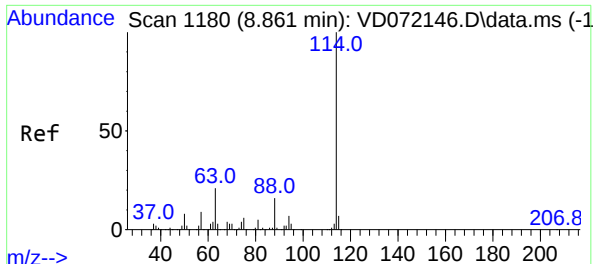
Tgt Ion:168 Resp: 116680
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 64.139 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion: 65 Resp: 83402
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4



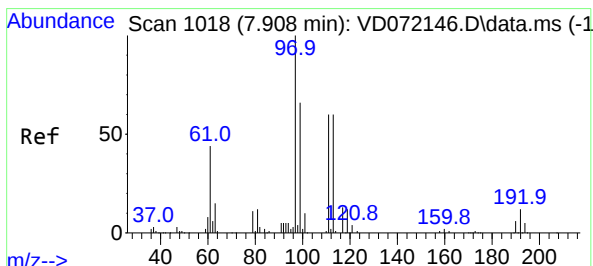
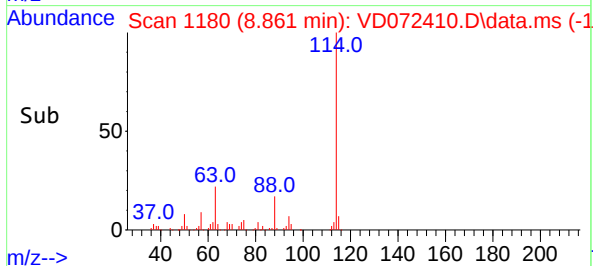
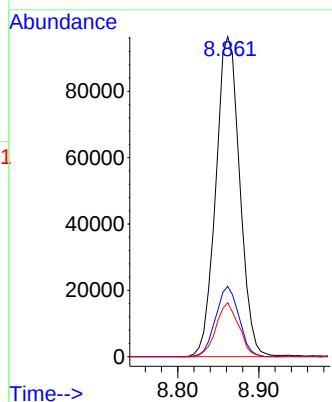
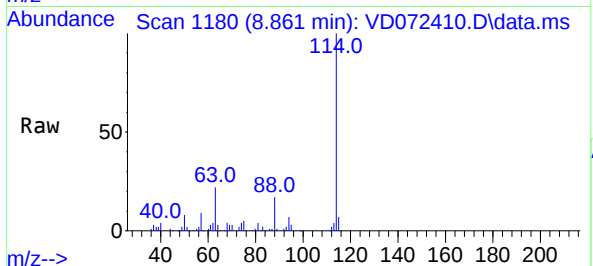


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Instrument :
MSVOA_D
ClientSampleId :
MHA

Tgt Ion:114 Resp: 197724

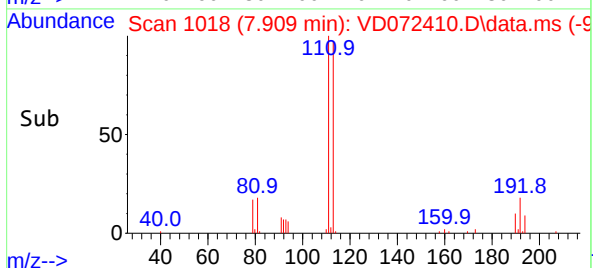
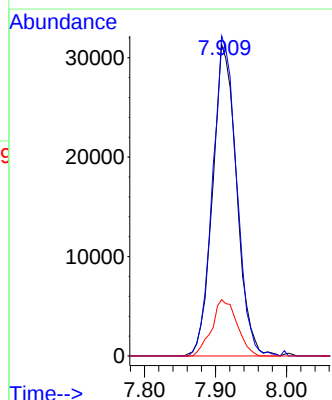
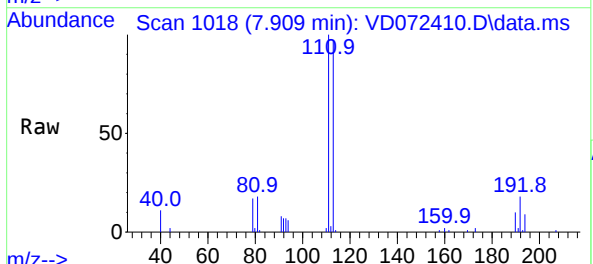
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.6
88	16.8	0.0	33.2

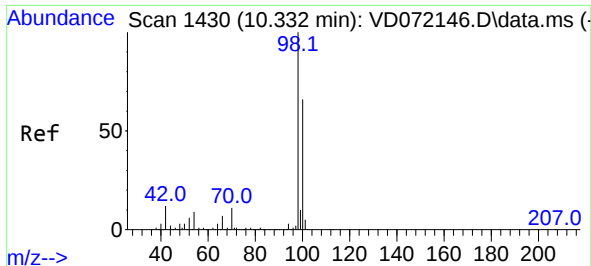


#35
Dibromofluoromethane
Concen: 52.817 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion:113 Resp: 73490

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.8	125.6
192	19.0	14.6	21.8

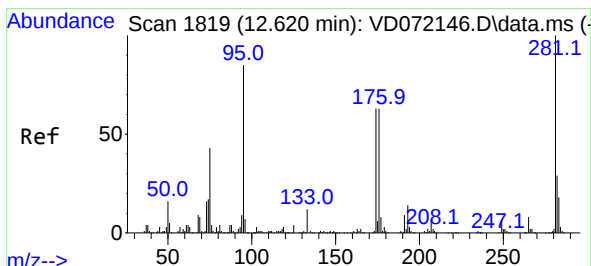
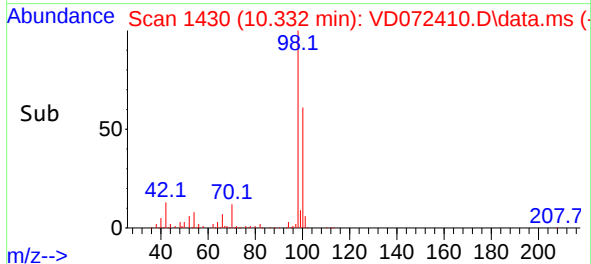
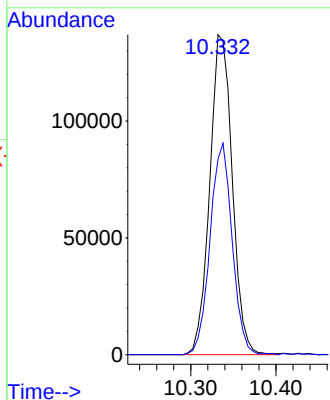
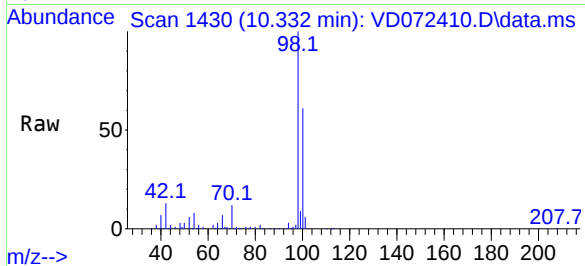




#50
Toluene-d8
Concen: 49.545 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

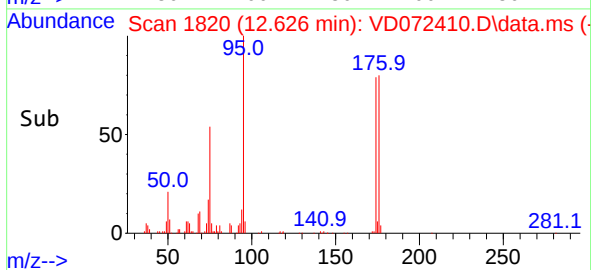
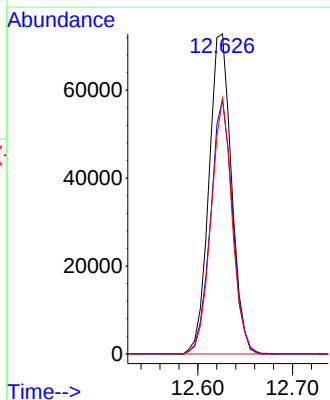
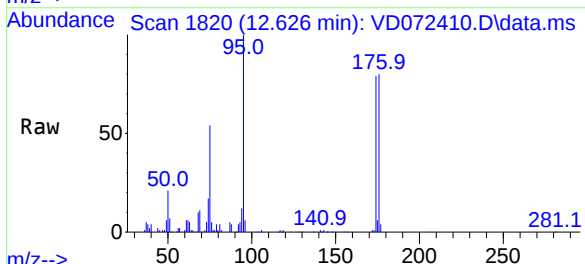
Instrument :
MSVOA_D
ClientSampleId :
MHA

Tgt Ion: 98 Resp: 252071
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

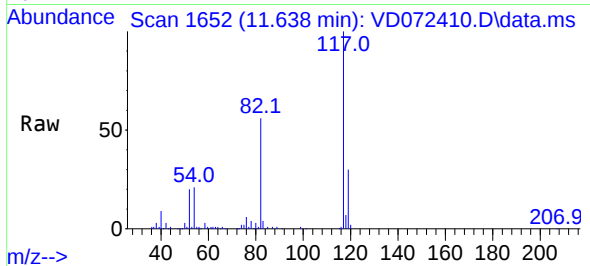
Tgt Ion: 95 Resp: 120566
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.9 0.0 145.4





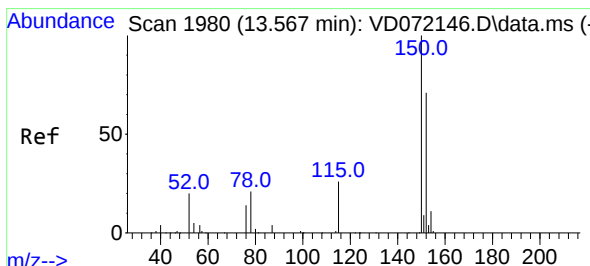
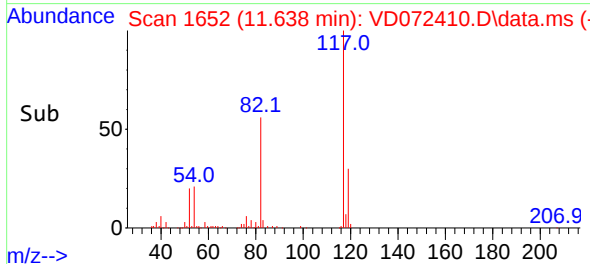
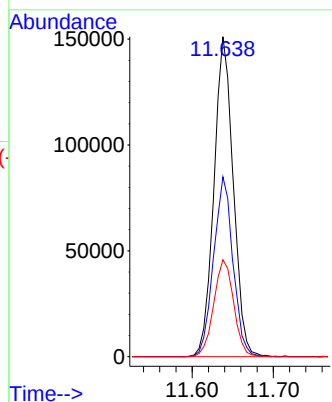
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072410.D
Acq: 24 Mar 2022 16:22

Instrument :
MSVOA_D
ClientSampleId :
MHA



Tgt Ion:117 Resp: 249895

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.3	67.9
119	30.3	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: VD072410.D
Acq: 24 Mar 2022 16:22

Tgt Ion:152 Resp: 128756

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	161.5	0.0	348.6

