

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073395.D
 Acq On : 26 May 2022 18:30
 Operator : VA/SY
 Sample : N3070-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG1

Quant Time: May 27 01:33:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	24935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	41874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	52135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	26768	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	22794	82.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.440%#
35) Dibromofluoromethane	7.909	113	18980	68.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.380%
50) Toluene-d8	10.332	98	54899	53.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.800%
62) 4-Bromofluorobenzene	12.626	95	24742	69.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.440%

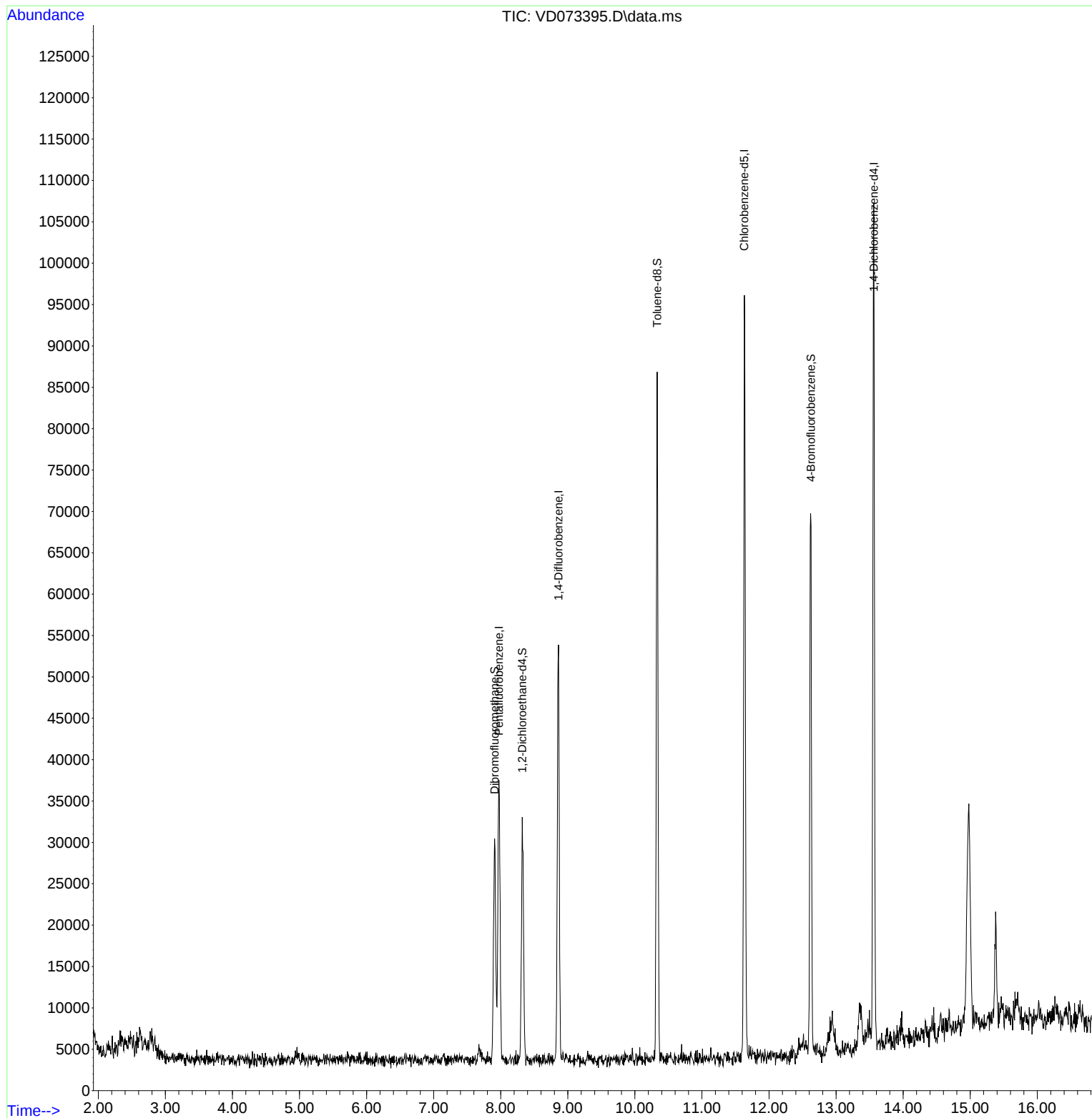
Target Compounds	Qvalue

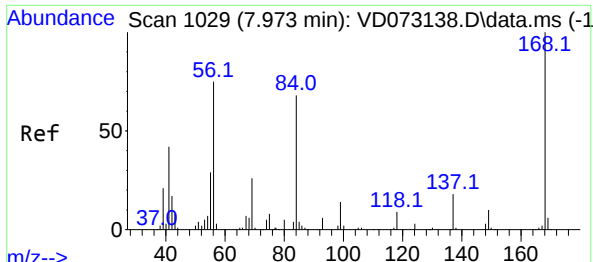
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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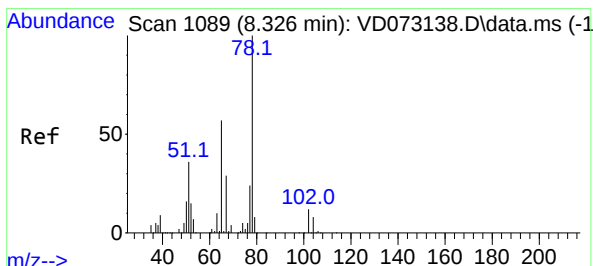
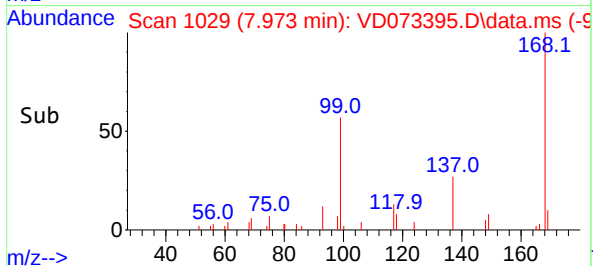
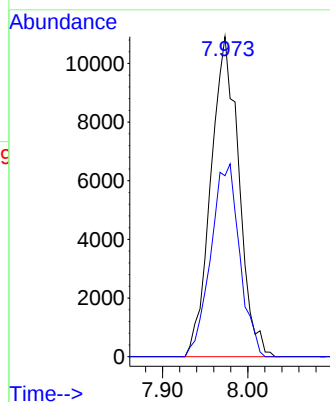
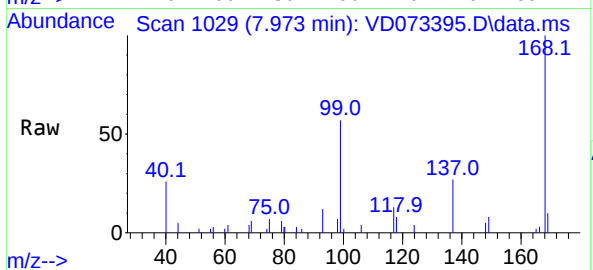




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

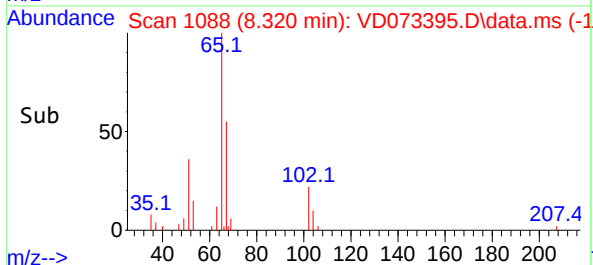
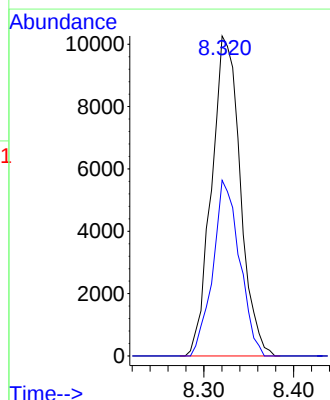
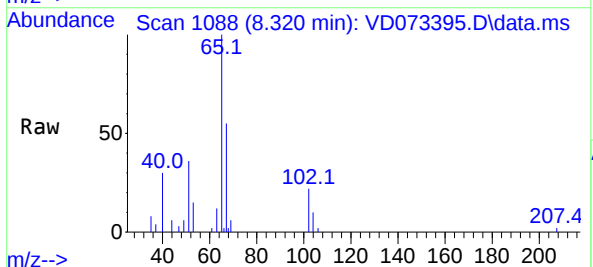
Instrument :
MSVOA_D
ClientSampleId :
IG1

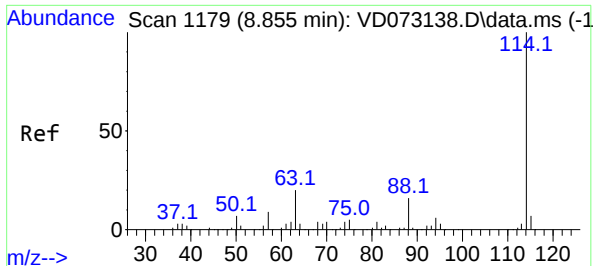
Tgt Ion:168 Resp: 24935
Ion Ratio Lower Upper
168 100
99 56.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 82.717 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

Tgt Ion: 65 Resp: 22794
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4

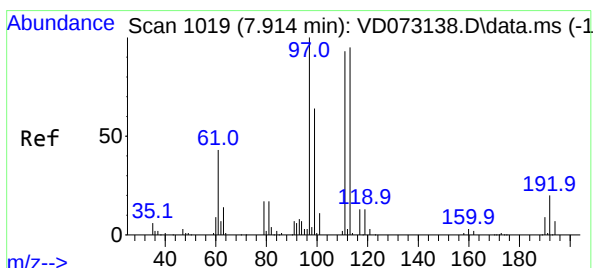
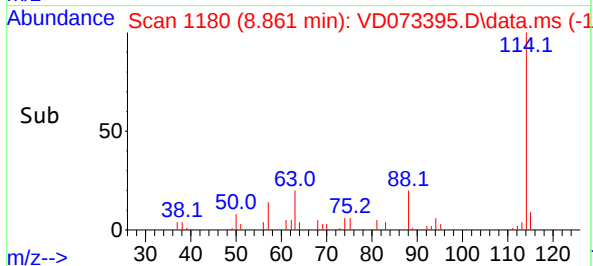
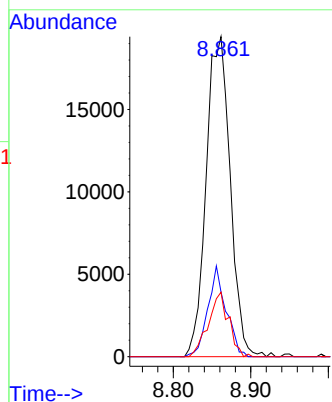
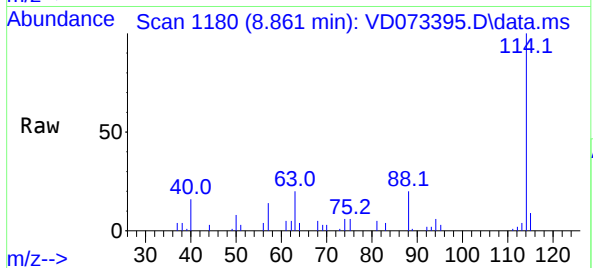




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

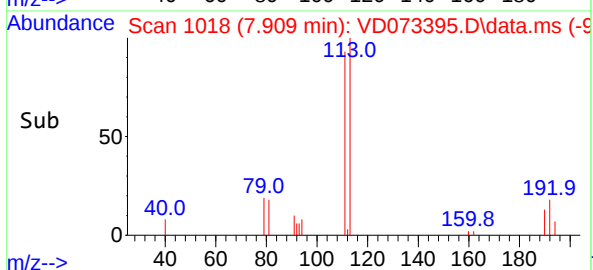
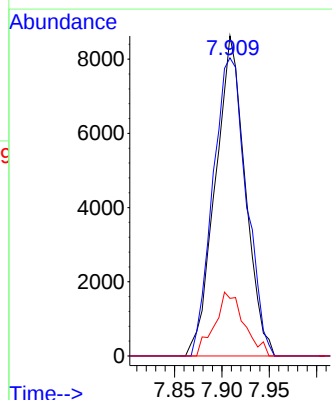
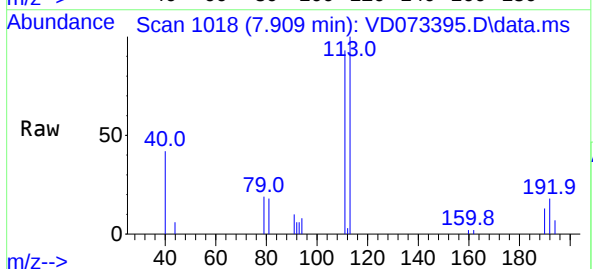
Instrument :
MSVOA_D
ClientSampleId :
IG1

Tgt Ion:114 Resp: 41874
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 20.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 68.690 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

Tgt Ion:113 Resp: 18980
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 19.5 14.6 21.8

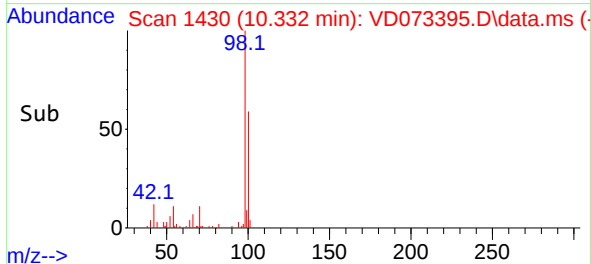
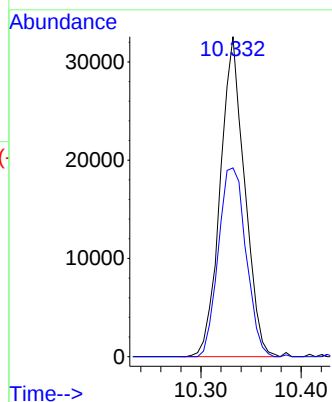
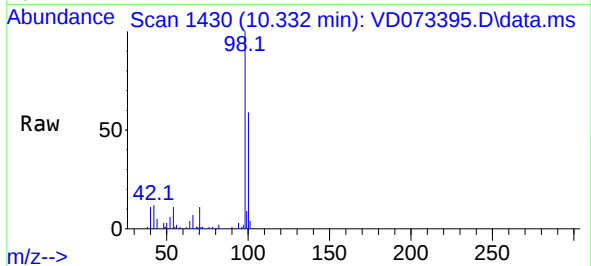




#50
Toluene-d8
Concen: 53.899 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

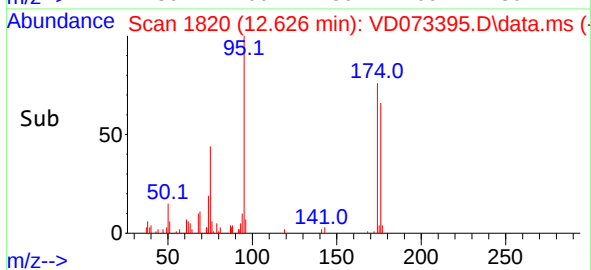
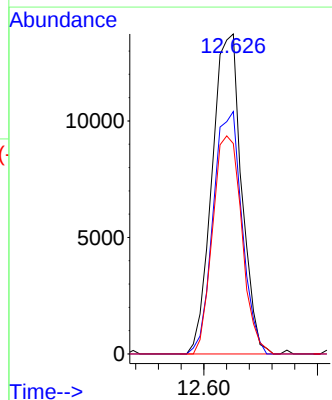
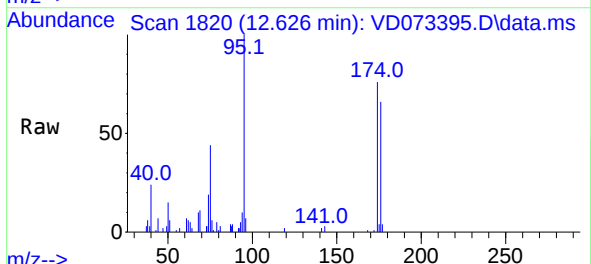
Instrument :
MSVOA_D
ClientSampleId :
IG1

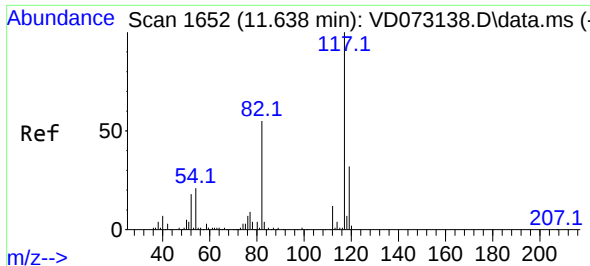
Tgt Ion: 98 Resp: 54899
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 69.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

Tgt Ion: 95 Resp: 24742
Ion Ratio Lower Upper
95 100
174 74.1 0.0 152.8
176 67.6 0.0 145.4

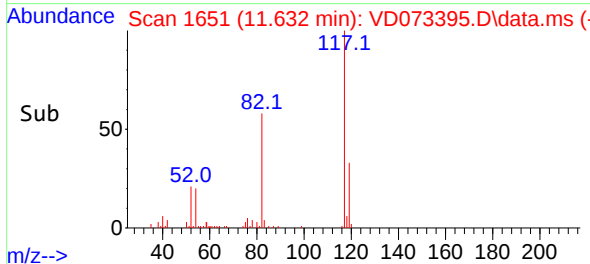
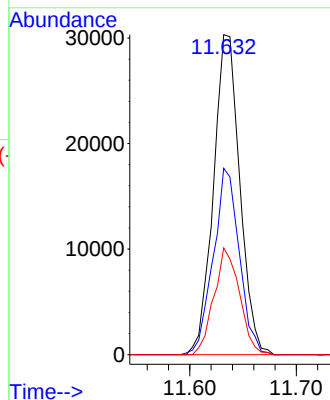
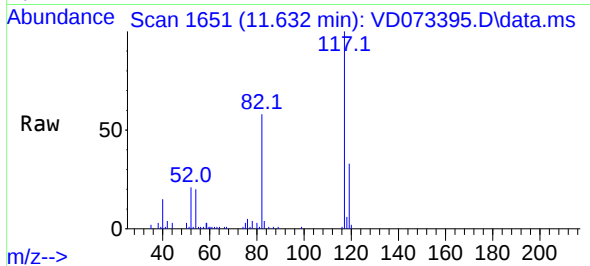




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073395.D
Acq: 26 May 2022 18:30

Instrument :
MSVOA_D
ClientSampleId :
IG1

Tgt Ion:	117	Resp:	52135
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.3	67.9
119	33.4	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: VD073395.D
Acq: 26 May 2022 18:30

Tgt Ion:	152	Resp:	26768
Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	158.9	0.0	348.6

