

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073046.D
 Acq On : 16 May 2022 20:33
 Operator : VA/SY
 Sample : N2816-01RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01RE

Quant Time: May 17 03:31:19 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	7.979	168	25353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	45563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	53435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	24637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27443	83.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.780%#
35) Dibromofluoromethane	7.908	113	21035	65.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.480%
50) Toluene-d8	10.332	98	55873	48.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.620	95	21170	49.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.920%

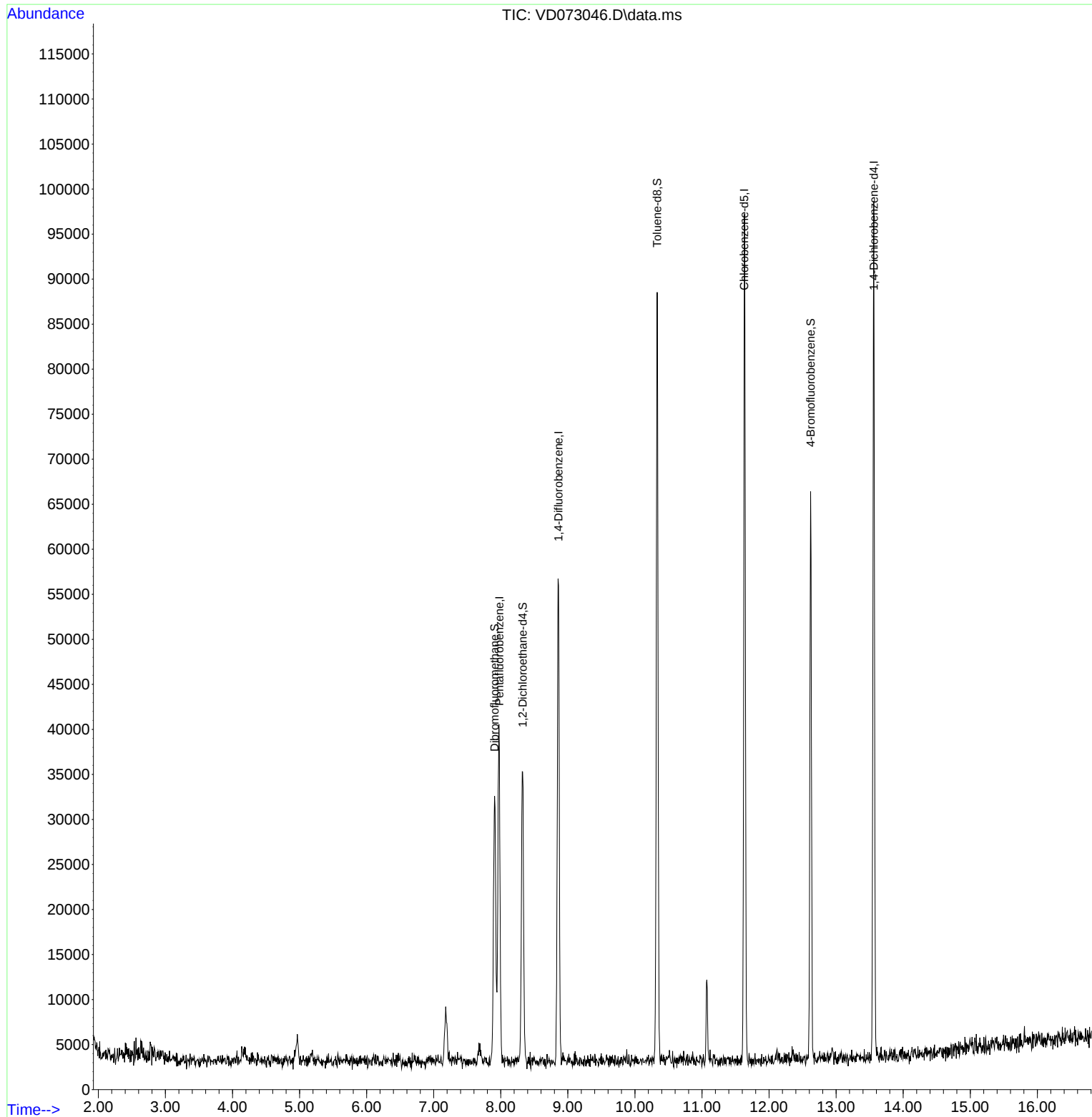
Target Compounds	Qvalue

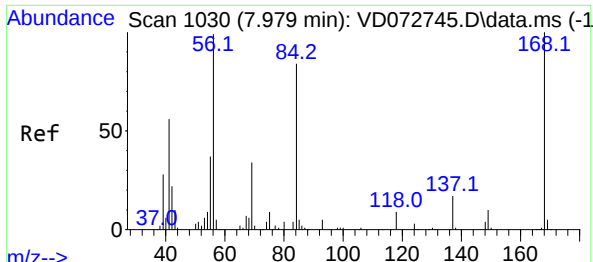
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

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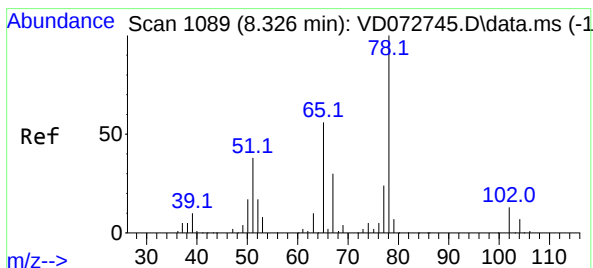
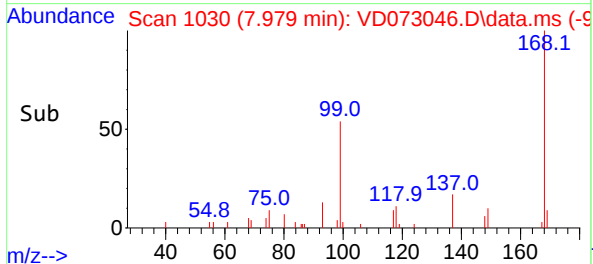
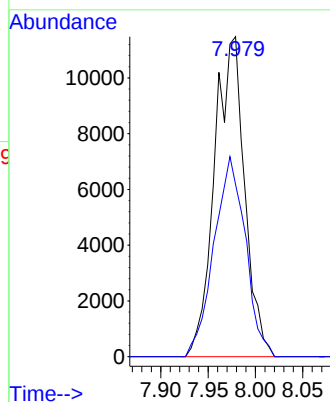
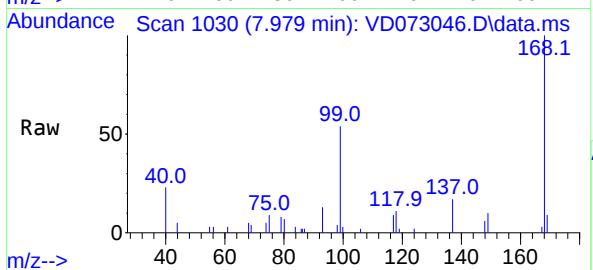
P007-SS002-1824-01RE

Tgt Ion:168 Resp: 25353

Ion Ratio Lower Upper

168 100

99 53.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 83.388 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073046.D

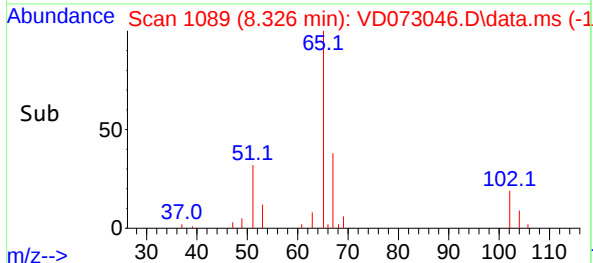
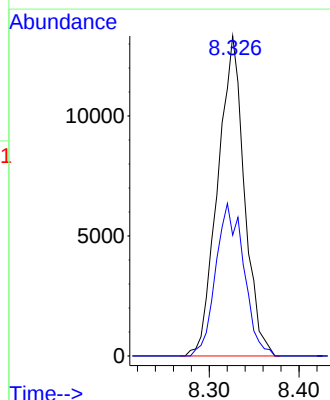
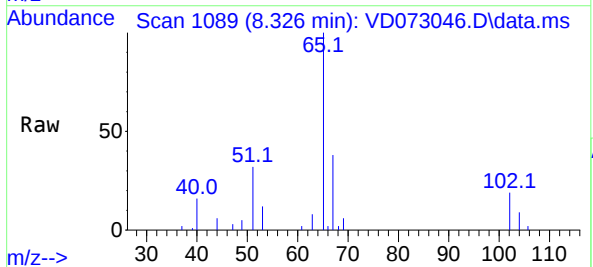
Acq: 16 May 2022 20:33

Tgt Ion: 65 Resp: 27443

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4

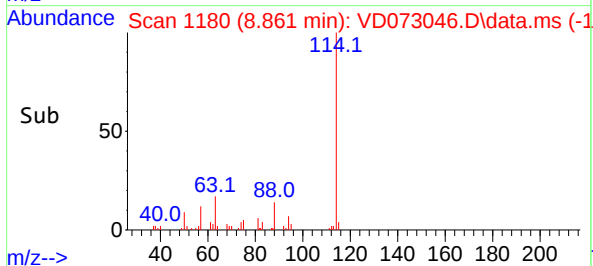
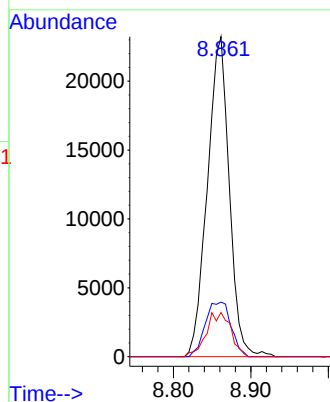
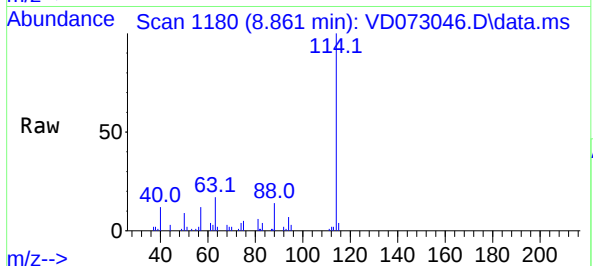




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073046.D
Acq: 16 May 2022 20:33

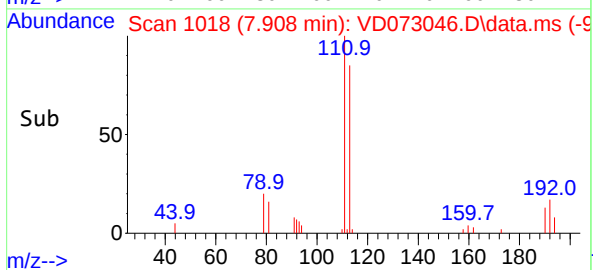
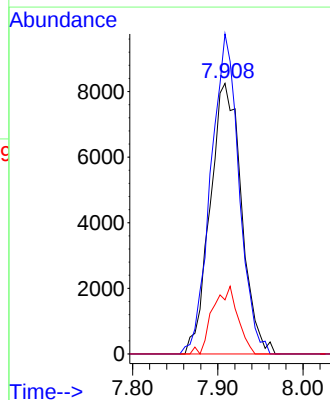
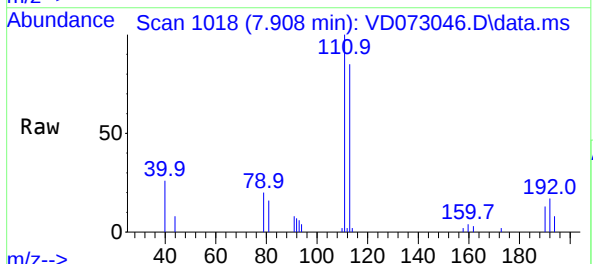
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P007-SS002-1824-01RE

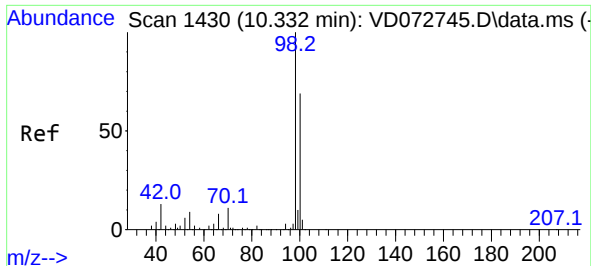
Tgt Ion:	114	Resp:	45563
Ion Ratio	Lower	Upper	
114	100		
63	17.0	0.0	46.6
88	13.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 65.736 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073046.D
Acq: 16 May 2022 20:33

Tgt Ion:	113	Resp:	21035
Ion Ratio	Lower	Upper	
113	100		
111	106.8	83.8	125.6
192	20.0	14.6	21.8

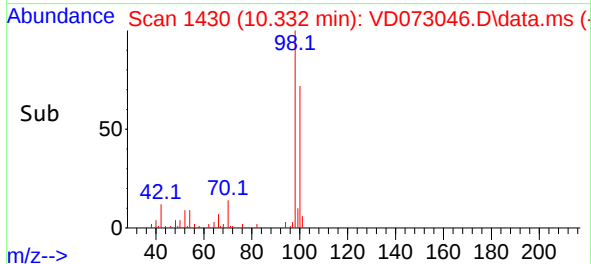
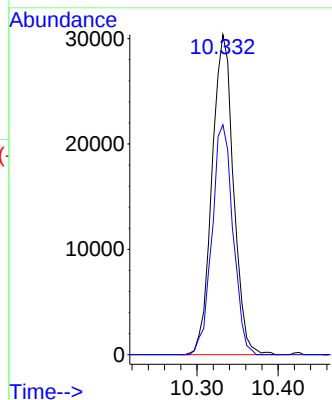
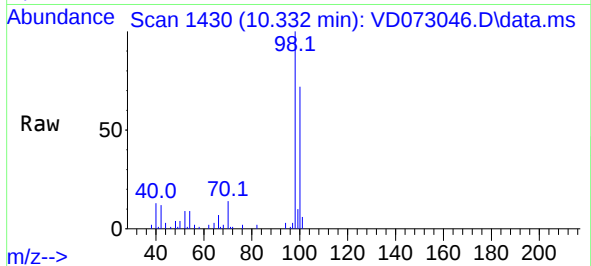




#50
Toluene-d8
Concen: 48.676 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073046.D
Acq: 16 May 2022 20:33

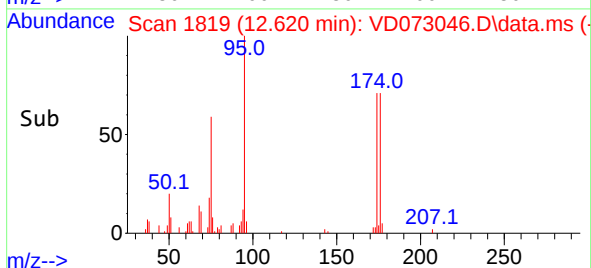
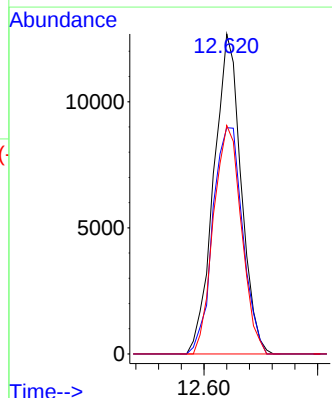
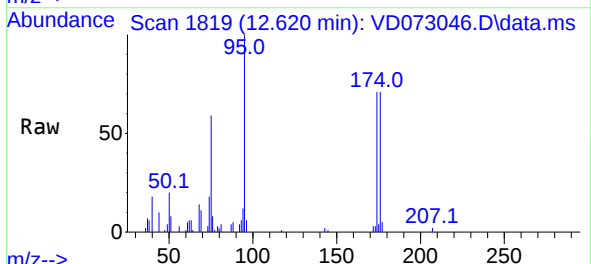
Instrument :
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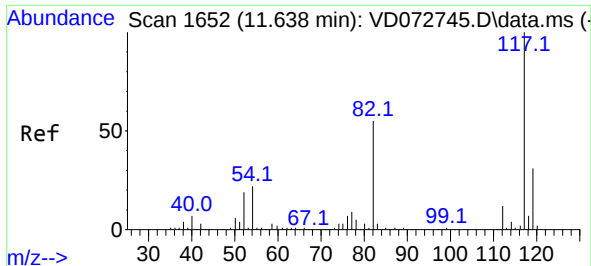
Tgt Ion: 98 Resp: 55873
Ion Ratio Lower Upper
98 100
100 70.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.462 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073046.D
Acq: 16 May 2022 20:33

Tgt Ion: 95 Resp: 21170
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 73.0 0.0 145.4

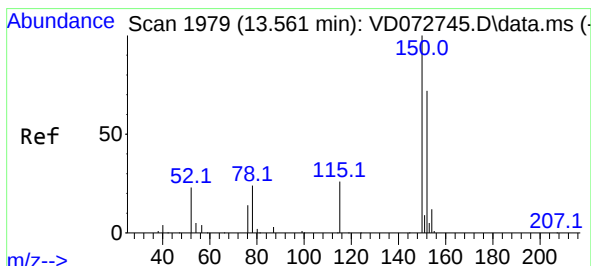
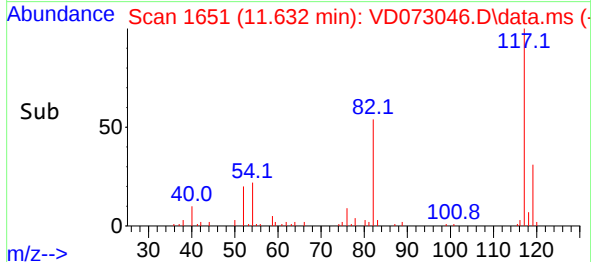
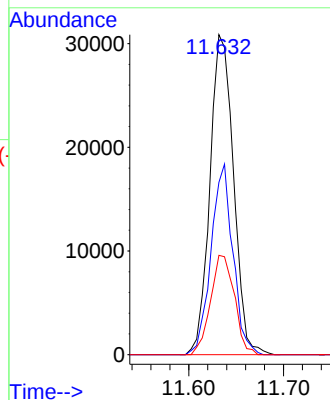
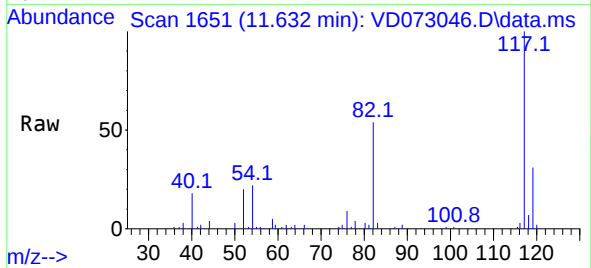




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073046.D
Acq: 16 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01RE

Tgt Ion:117 Resp: 53435
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.0 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: VD073046.D
Acq: 16 May 2022 20:33

Tgt Ion:152 Resp: 24637
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 154.2 0.0 348.6

