

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072835.D
 Acq On : 06 May 2022 04:37
 Operator : VA/SY
 Sample : N2680-08
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B4-5-7

Quant Time: May 06 06:30:48 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	7.973	168	324350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	590679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	576064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206836	49.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.260%
35) Dibromofluoromethane	7.908	113	201874	48.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.332	98	719336	48.340	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.620	95	251873	45.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.780%

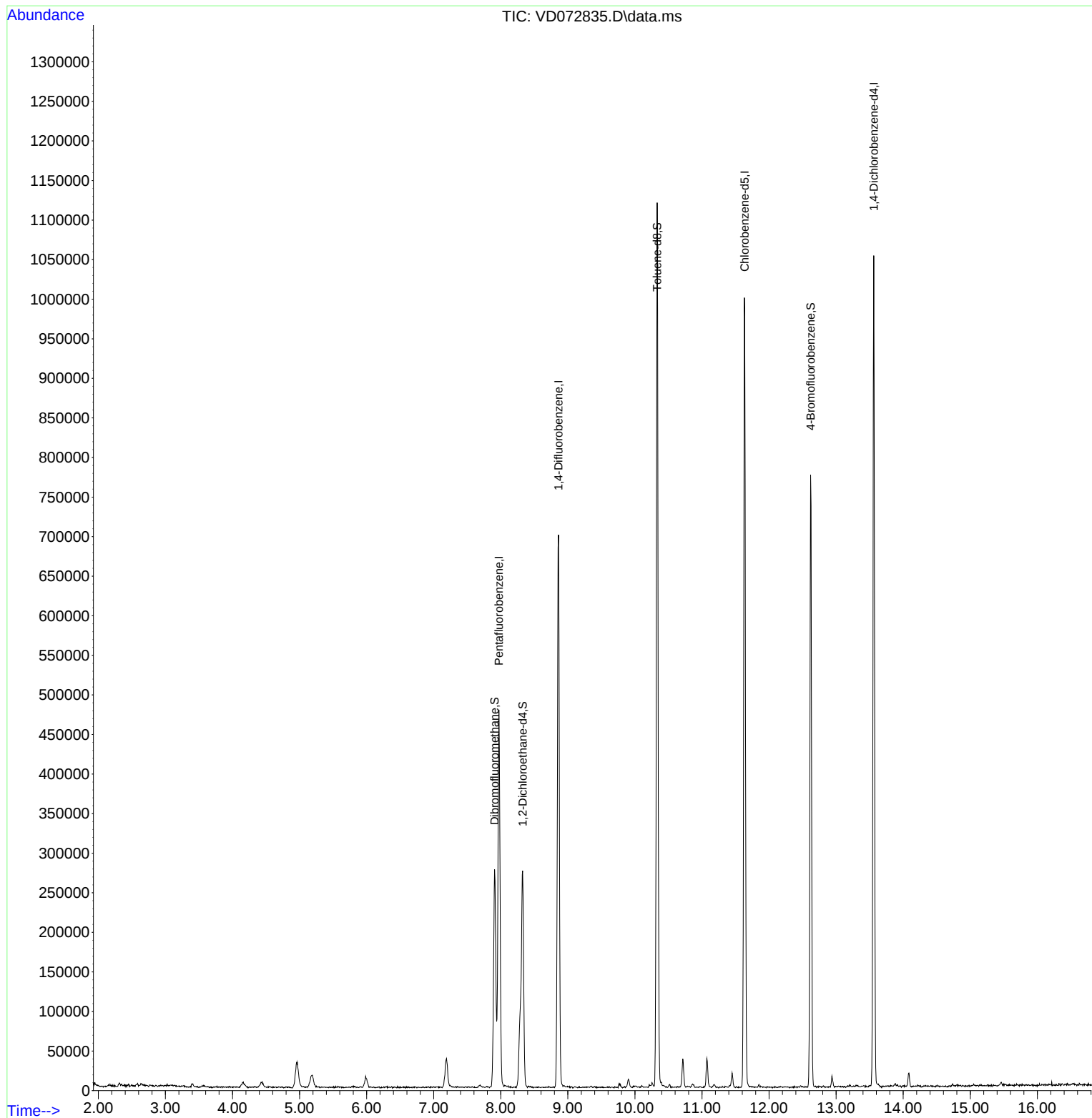
Target Compounds	Qvalue

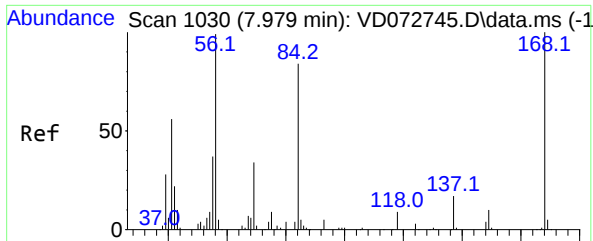
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072835.D

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Instrument :

MSVOA_D

ClientSampleId :

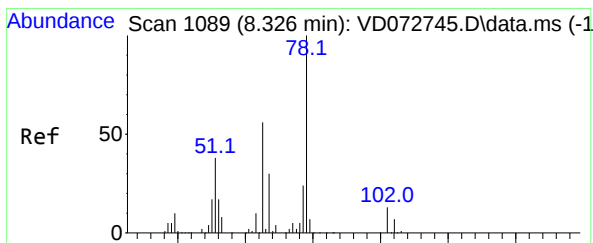
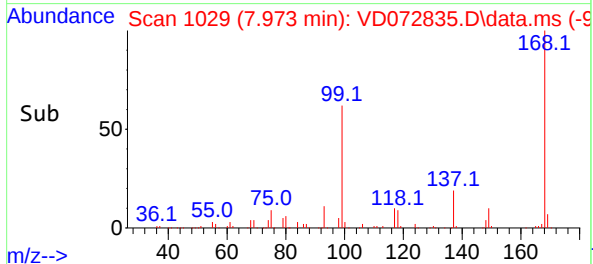
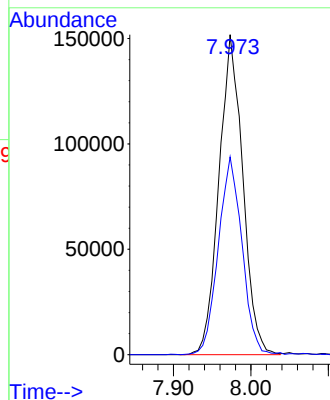
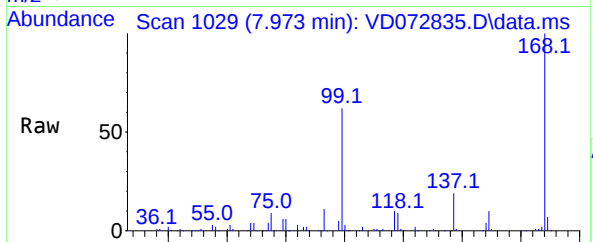
B4-5-7

Tgt Ion:168 Resp: 324350

Ion Ratio Lower Upper

168 100

99 61.8 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 49.126 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072835.D

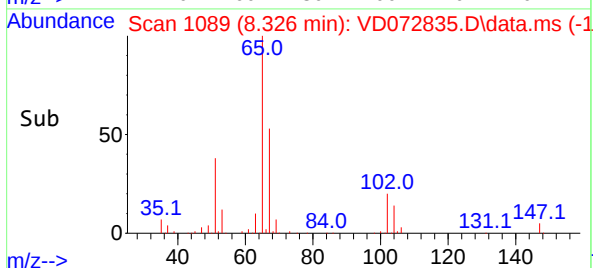
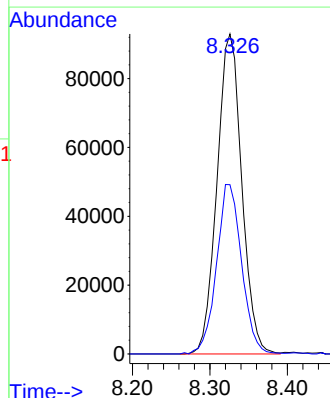
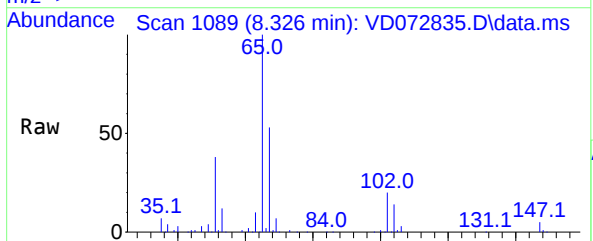
Acq: 06 May 2022 04:37

Tgt Ion: 65 Resp: 206836

Ion Ratio Lower Upper

65 100

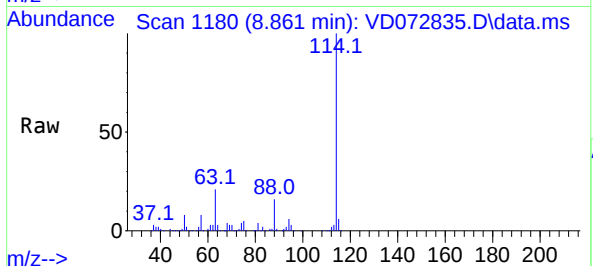
67 53.7 0.0 101.4



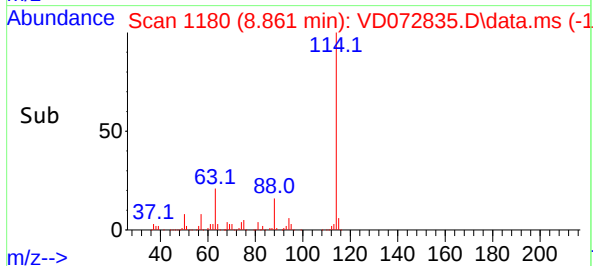
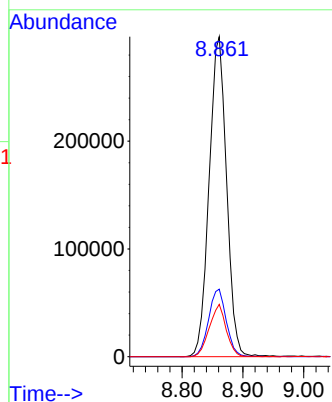


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072835.D
Acq: 06 May 2022 04:37

Instrument :
MSVOA_D
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B4-5-7

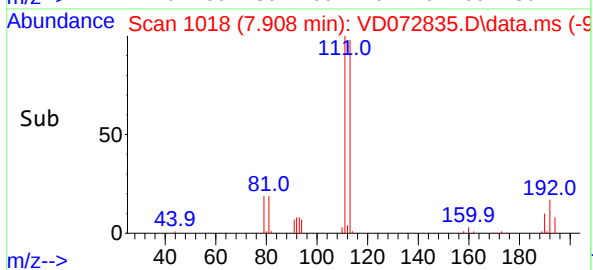
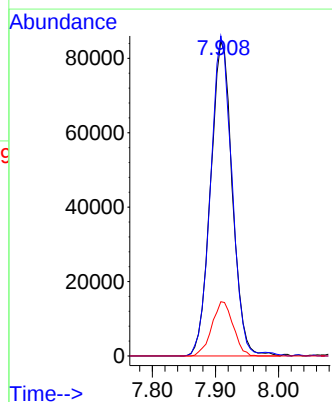
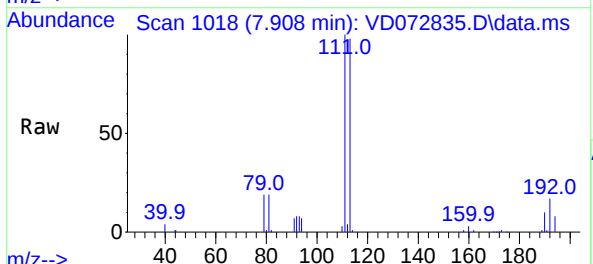


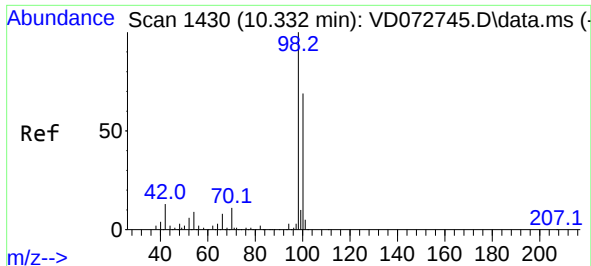
Tgt Ion:114 Resp: 590679
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.6
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.663 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072835.D
Acq: 06 May 2022 04:37

Tgt Ion:113 Resp: 201874
Ion Ratio Lower Upper
113 100
111 99.6 83.8 125.6
192 16.9 14.6 21.8

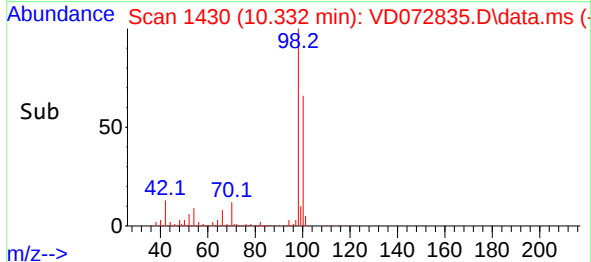
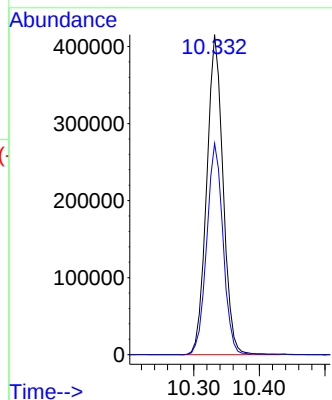
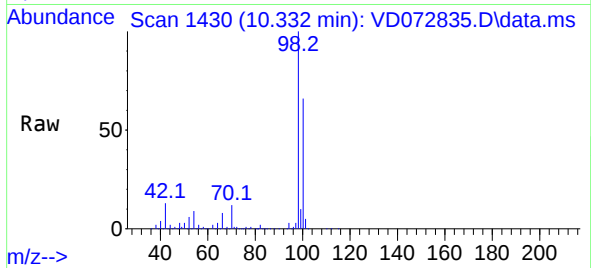




#50
Toluene-d8
Concen: 48.340 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072835.D
Acq: 06 May 2022 04:37

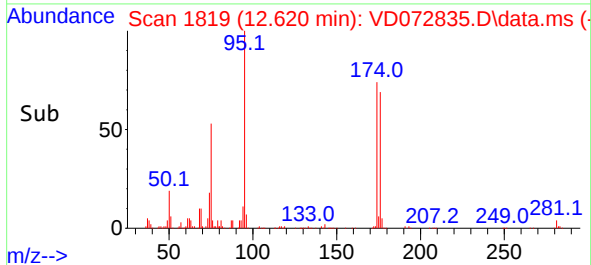
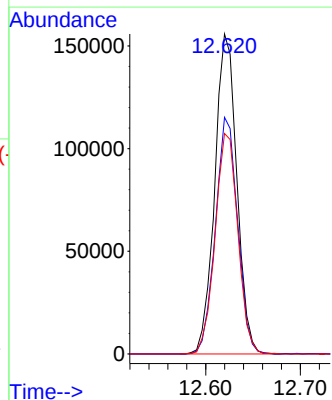
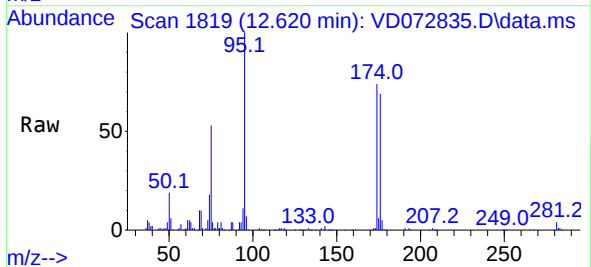
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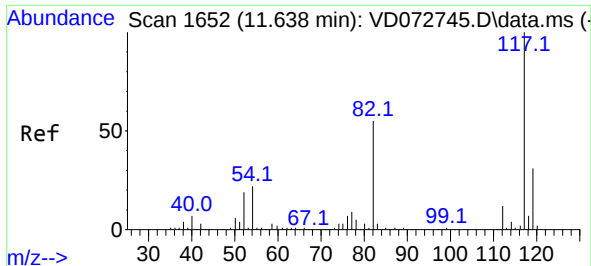
Tgt Ion: 98 Resp: 719336
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072835.D
Acq: 06 May 2022 04:37

Tgt Ion: 95 Resp: 251873
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.0 0.0 145.4

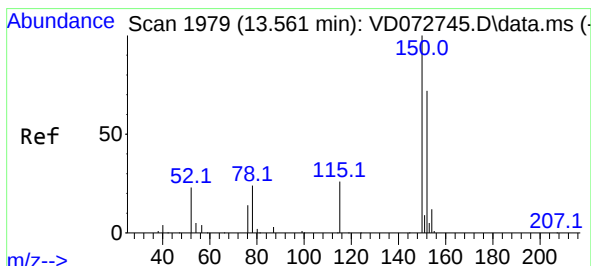
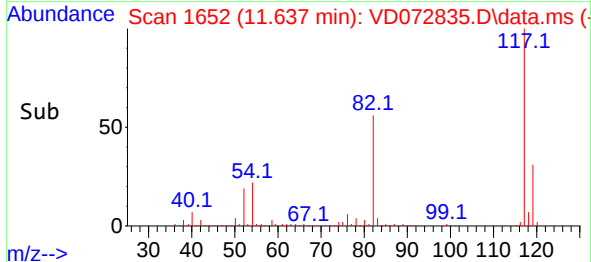
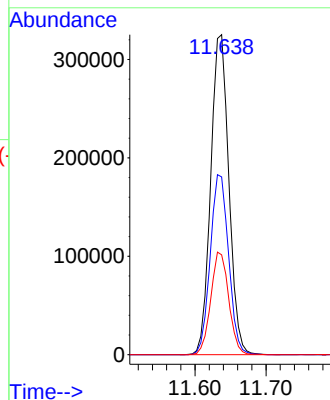
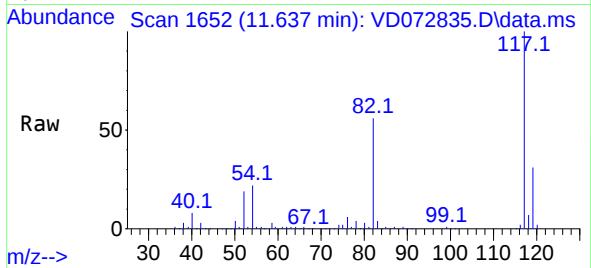




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072835.D
Acq: 06 May 2022 04:37

Instrument :
MSVOA_D
ClientSampleId :
B4-5-7

Tgt Ion:	117	Resp:	576064
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	31.2	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: VD072835.D
Acq: 06 May 2022 04:37

Tgt Ion:	152	Resp:	257084
Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	156.2	0.0	348.6

