

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073180.D
 Acq On : 20 May 2022 12:29
 Operator : VA/SY
 Sample : N2842-21
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS005-0006-01

Quant Time: May 20 13:10:20 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	304554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	535777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	541688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	225673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168191	49.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.914	113	183521	51.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.332	98	662861	50.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.620	95	228963	50.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.120%

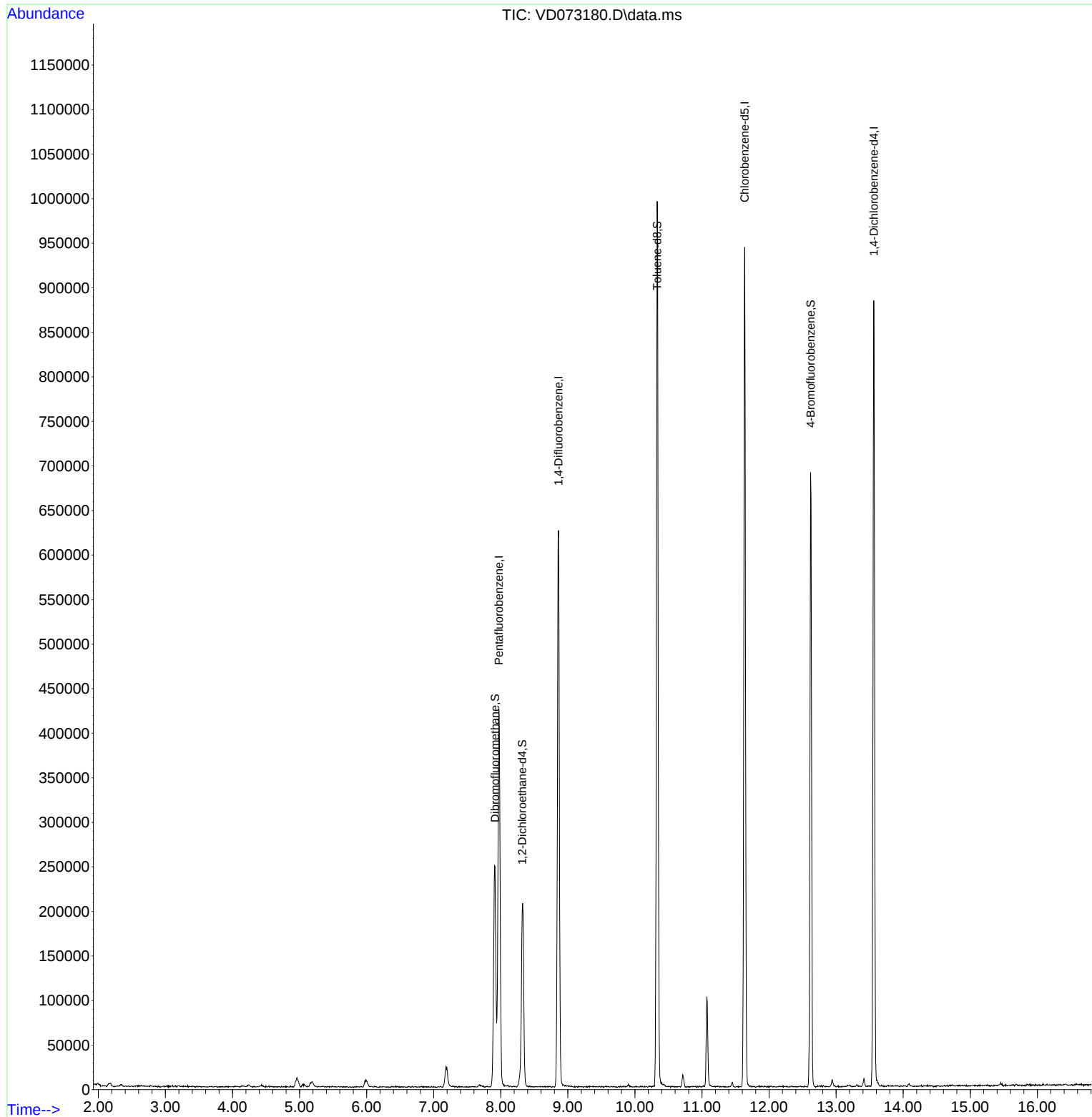
Target Compounds	Qvalue

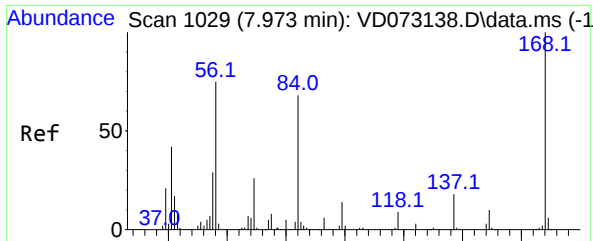
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073180.D

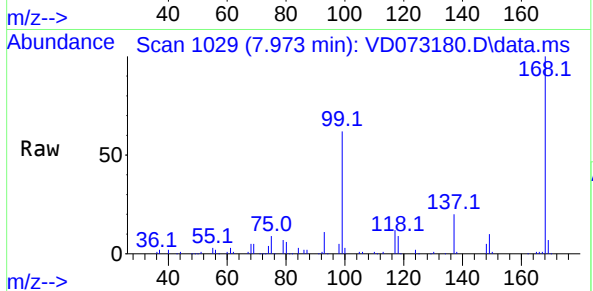
Acq: 20 May 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

P023-SS005-0006-01

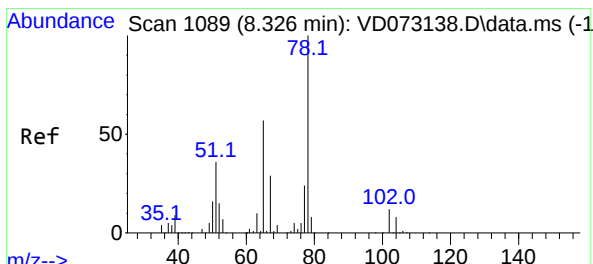
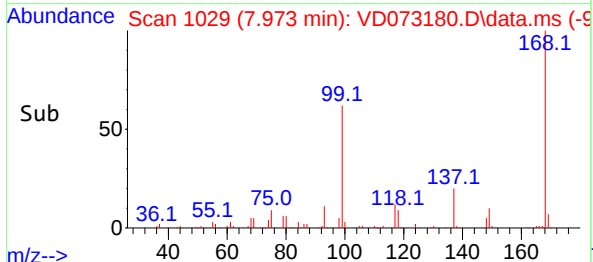
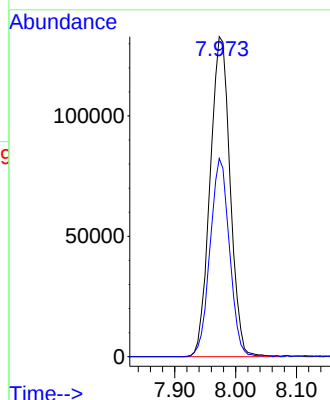


Tgt Ion:168 Resp: 304554

Ion Ratio Lower Upper

168 100

99 61.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 49.971 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073180.D

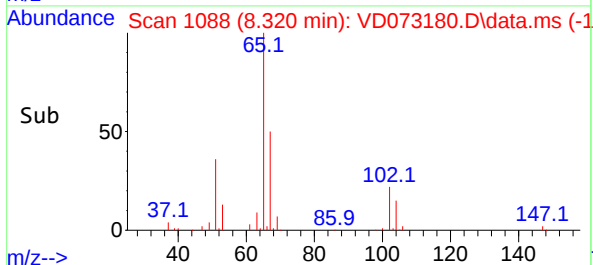
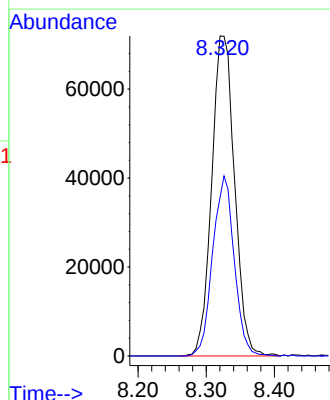
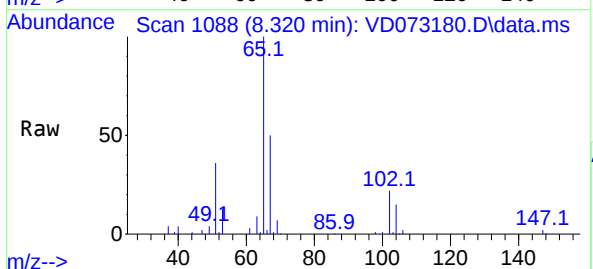
Acq: 20 May 2022 12:29

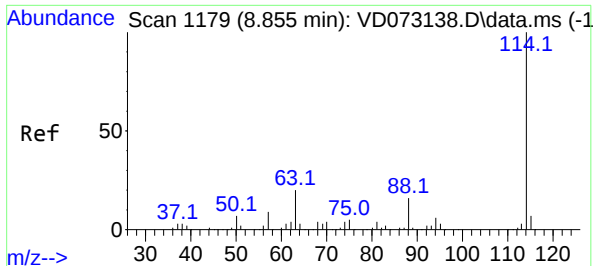
Tgt Ion: 65 Resp: 168191

Ion Ratio Lower Upper

65 100

67 52.8 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: VD073180.D

Acq: 20 May 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

P023-SS005-0006-01

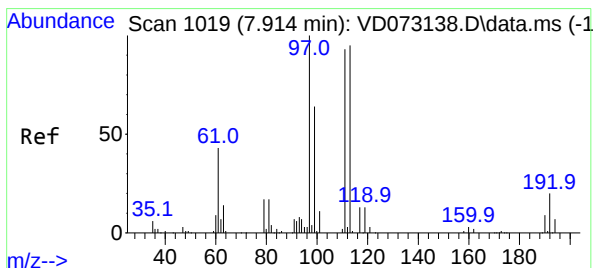
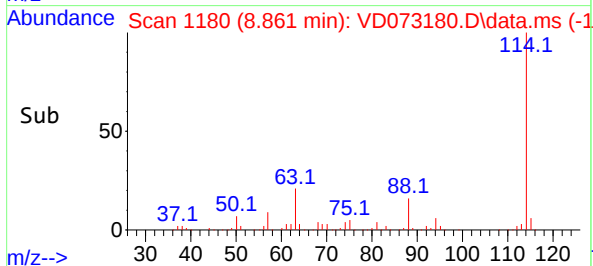
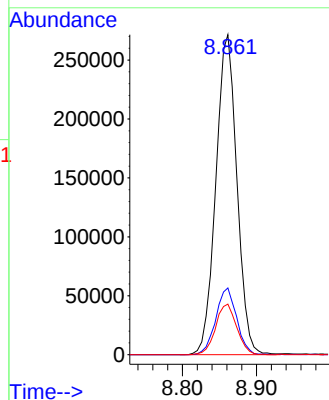
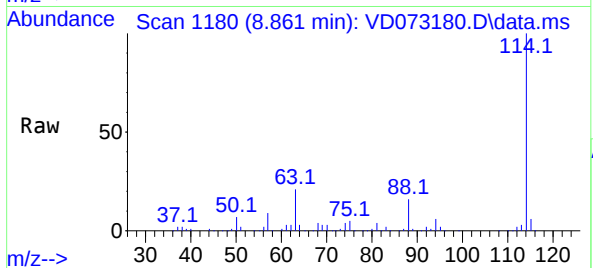
Tgt Ion:114 Resp: 535777

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.909 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073180.D

Acq: 20 May 2022 12:29

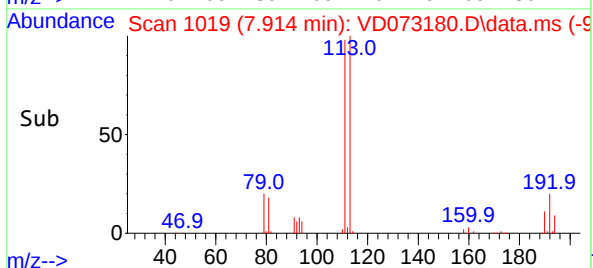
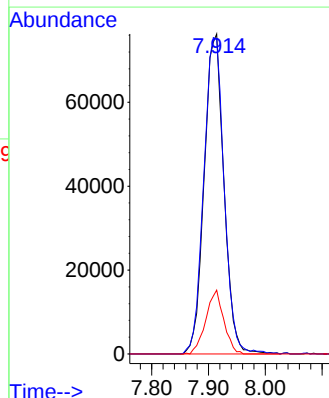
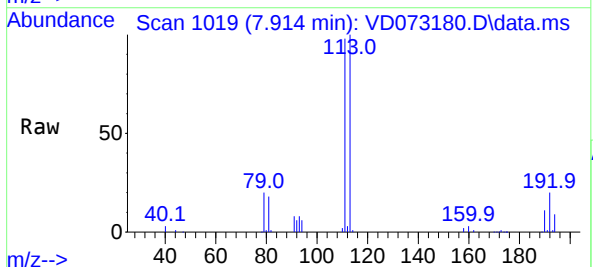
Tgt Ion:113 Resp: 183521

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.2 14.6 21.8

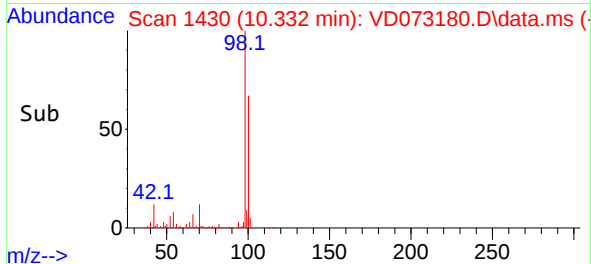
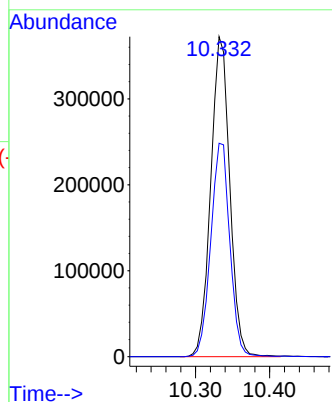
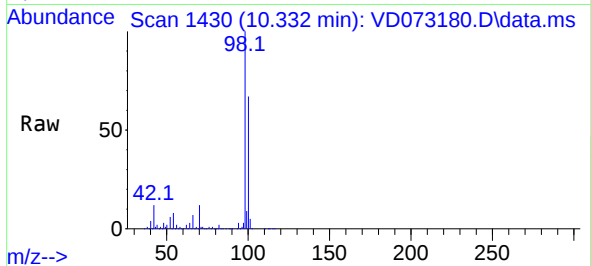




#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073180.D
Acq: 20 May 2022 12:29

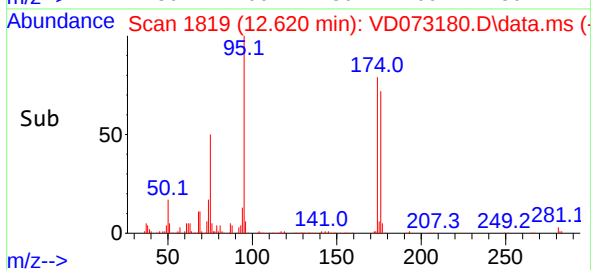
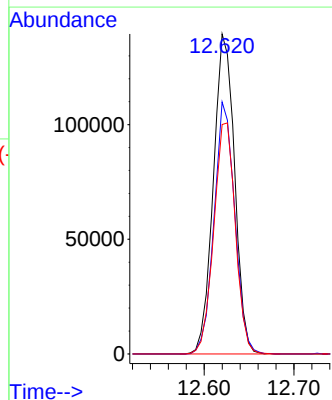
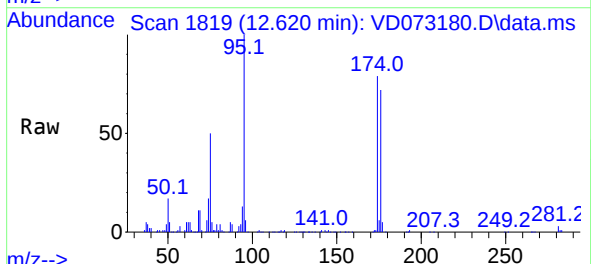
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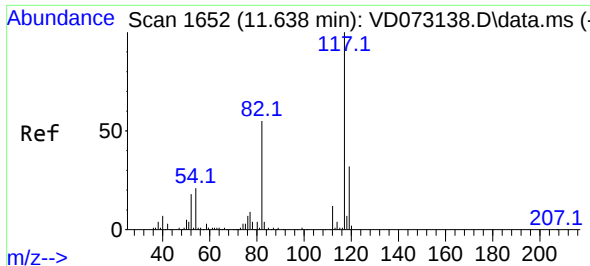
Tgt Ion: 98 Resp: 662861
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073180.D
Acq: 20 May 2022 12:29

Tgt Ion: 95 Resp: 228963
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.5 0.0 145.4

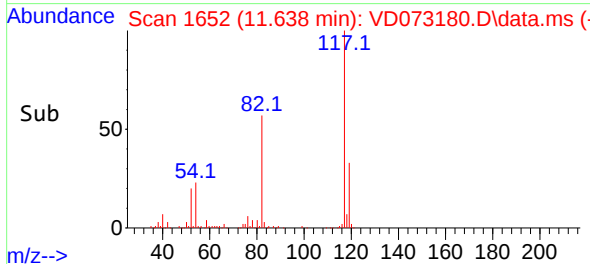
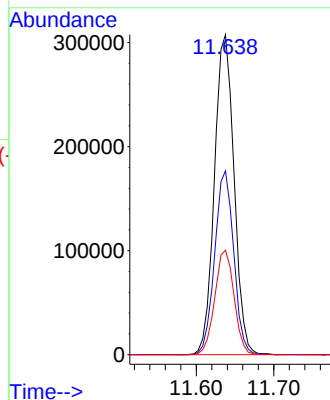
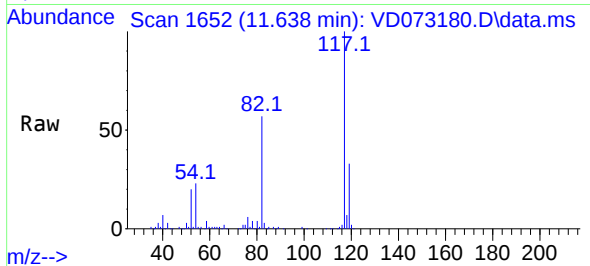




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073180.D
Acq: 20 May 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
P023-SS005-0006-01

Tgt Ion:	117	Resp:	541688
Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.3	67.9
119	32.6	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: VD073180.D
Acq: 20 May 2022 12:29

Tgt Ion:	152	Resp:	225673
Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	160.1	0.0	348.6

