

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073158.D
 Acq On : 20 May 2022 00:36
 Operator : VA/SY
 Sample : N2842-06
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS002-0006-01

Quant Time: May 20 01:52:26 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	269277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	480467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158991	53.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.860%
35) Dibromofluoromethane	7.908	113	173462	54.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.420%
50) Toluene-d8	10.332	98	608301	52.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.620	95	230505	56.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.400%

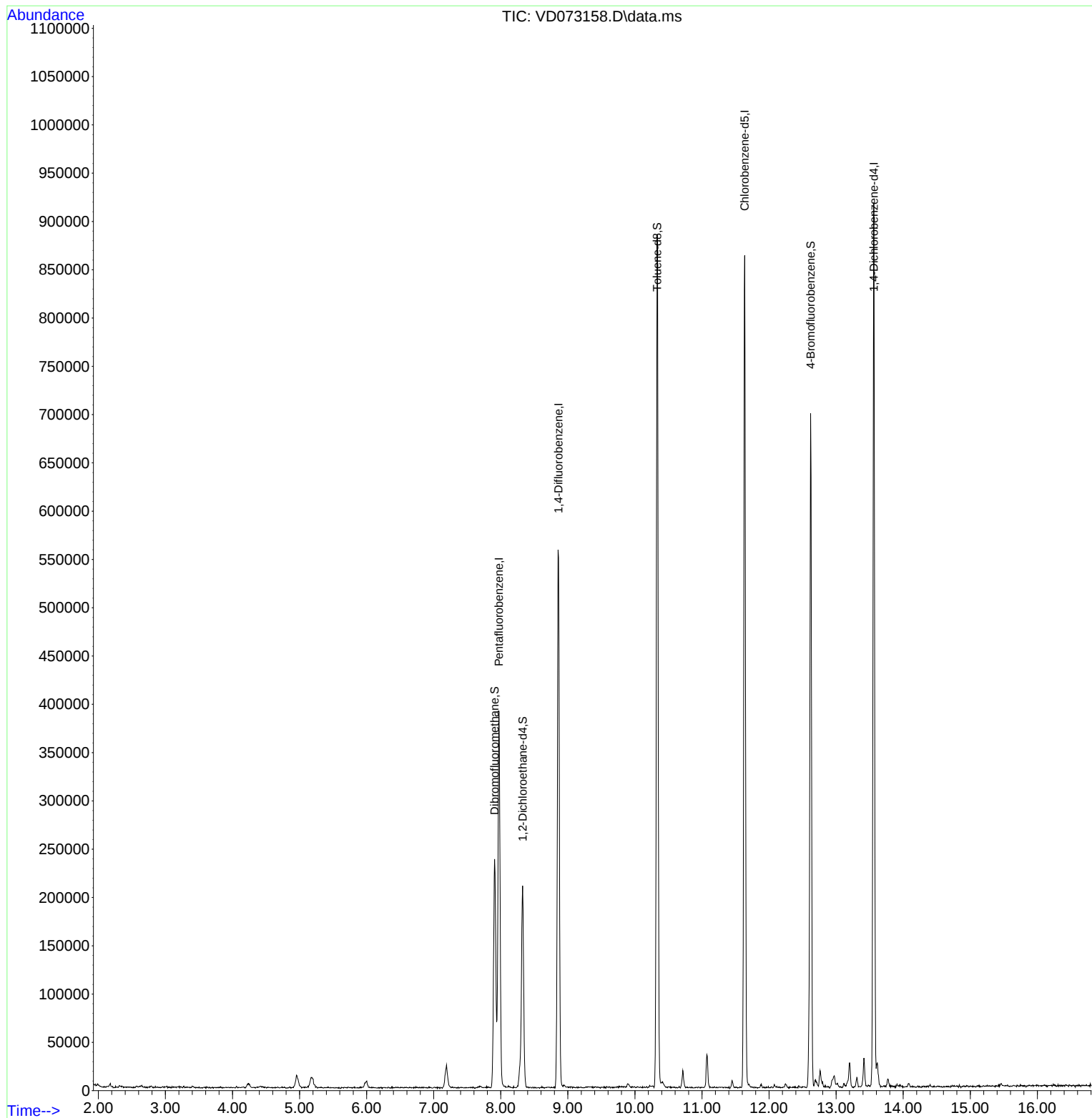
Target Compounds	Qvalue

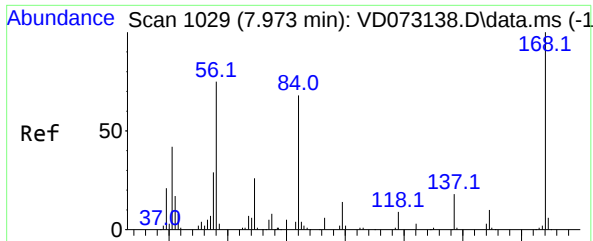
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073158.D

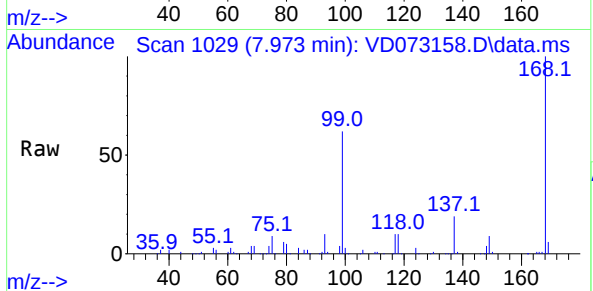
Acq: 20 May 2022 00:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS002-0006-01

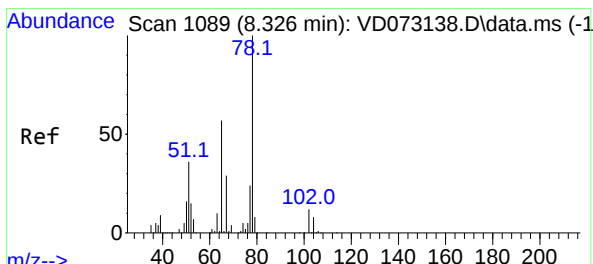
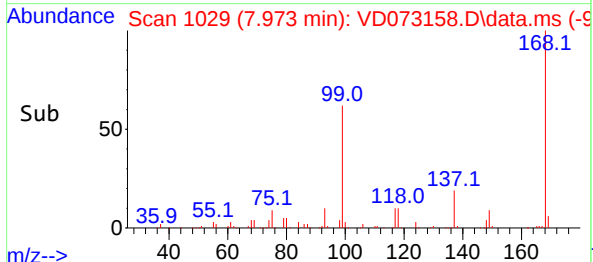
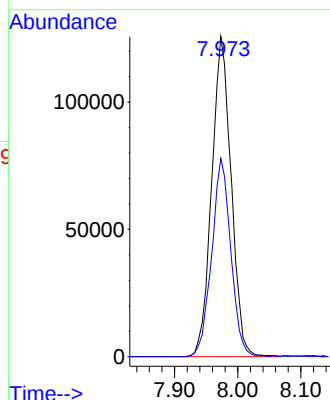


Tgt Ion:168 Resp: 269277

Ion Ratio Lower Upper

168 100

99 62.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 53.426 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073158.D

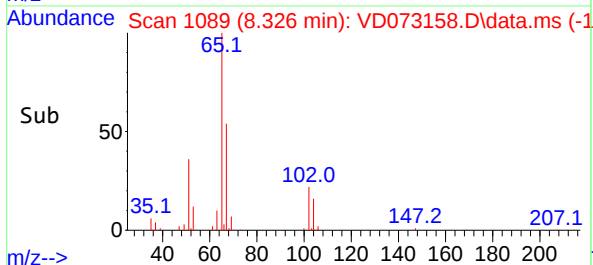
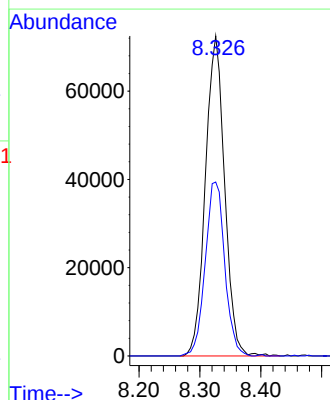
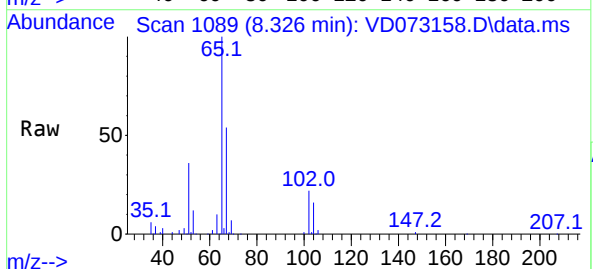
Acq: 20 May 2022 00:36

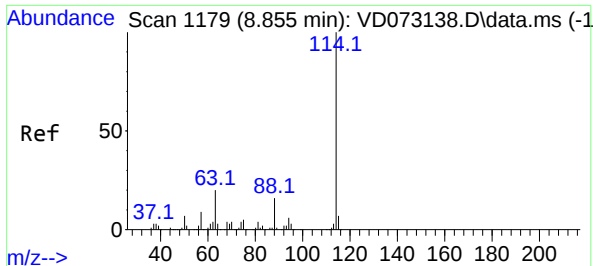
Tgt Ion: 65 Resp: 158991

Ion Ratio Lower Upper

65 100

67 55.2 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: VD073158.D

Acq: 20 May 2022 00:36

Instrument :

MSVOA_D

ClientSampleId :

P016-SS002-0006-01

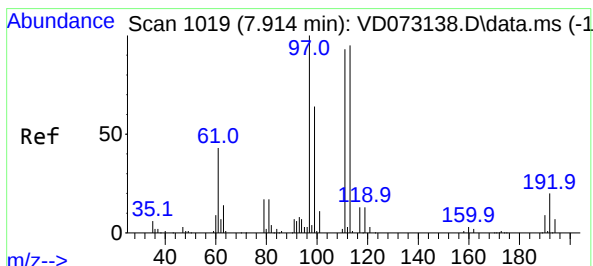
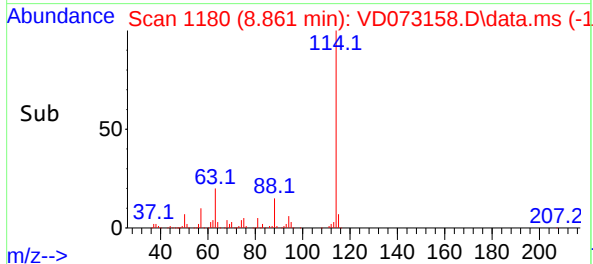
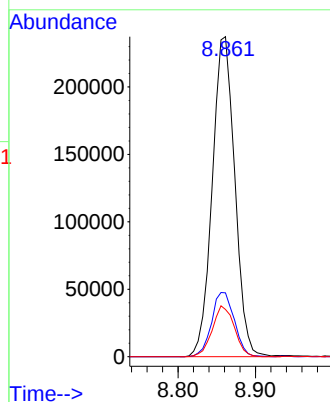
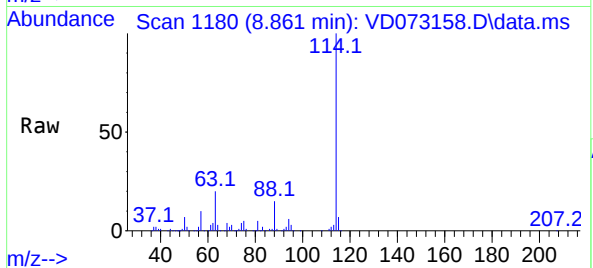
Tgt Ion:114 Resp: 480467

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 14.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.712 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073158.D

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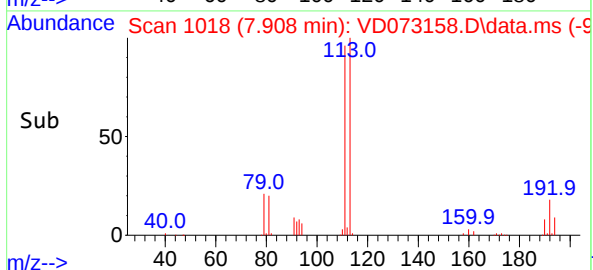
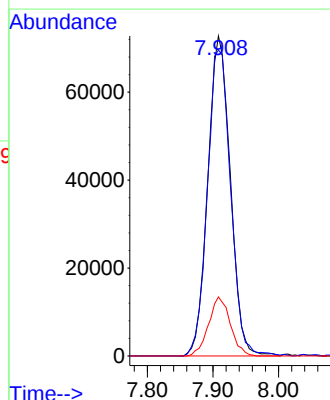
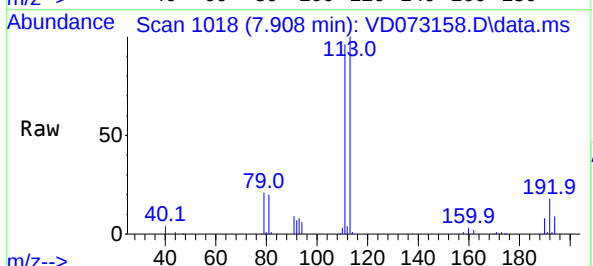
Tgt Ion:113 Resp: 173462

Ion Ratio Lower Upper

113 100

111 98.8 83.8 125.6

192 17.8 14.6 21.8

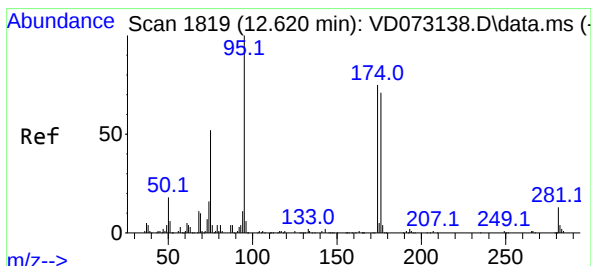
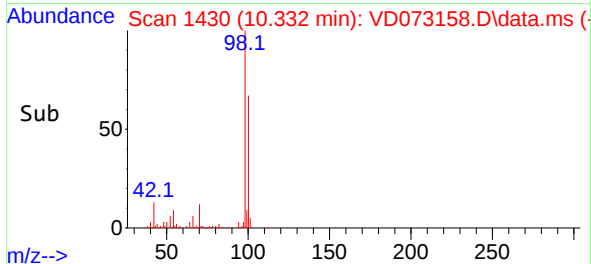
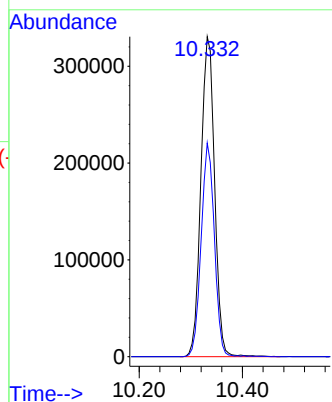
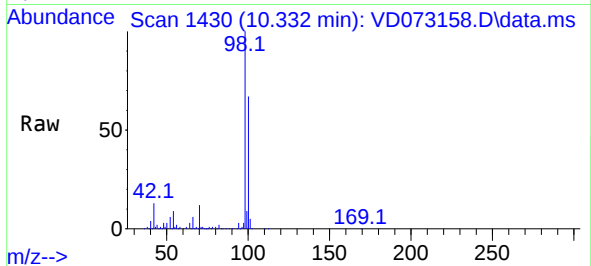




#50
Toluene-d8
Concen: 52.049 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073158.D
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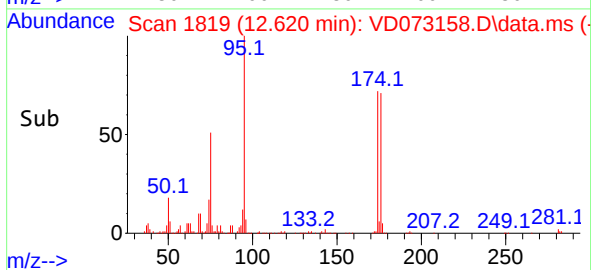
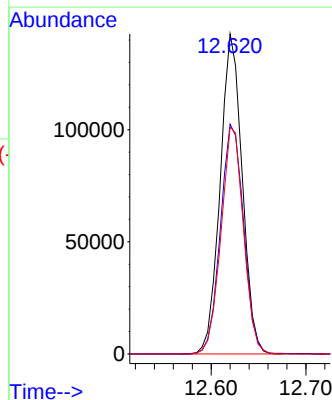
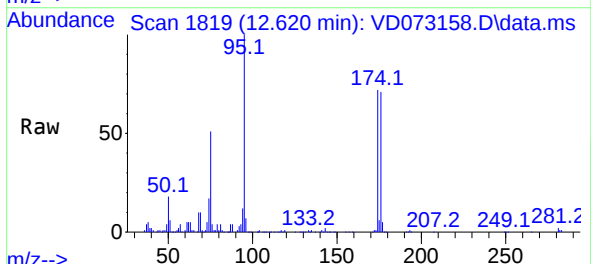
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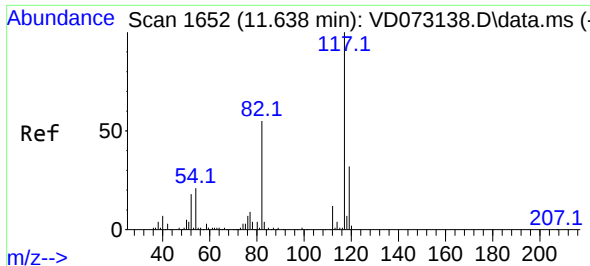
Tgt Ion: 98 Resp: 608301
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

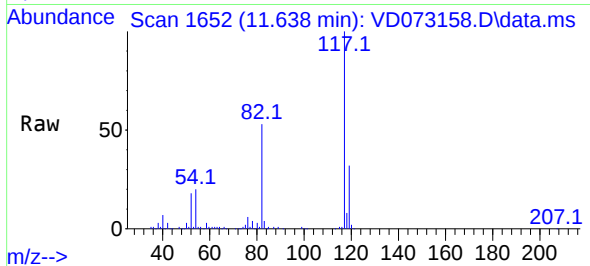
Tgt Ion: 95 Resp: 230505
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 72.3 0.0 145.4



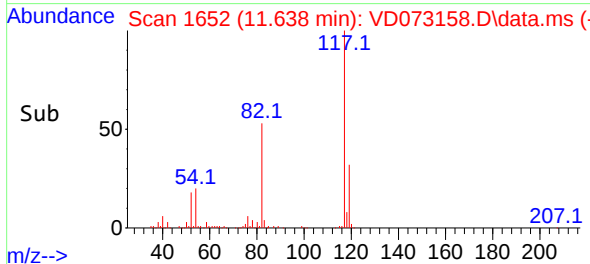
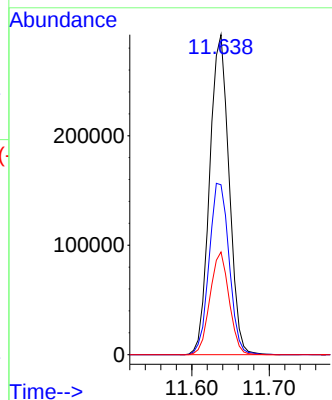


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073158.D
Acq: 20 May 2022 00:36

Instrument :
MSVOA_D
ClientSampleId :
P016-SS002-0006-01



Tgt Ion:117 Resp: 508125
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 32.1 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: VD073158.D
Acq: 20 May 2022 00:36

Tgt Ion:152 Resp: 235242
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 158.4 0.0 348.6

