

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073935.D
 Acq On : 02 Aug 2022 19:32
 Operator : VA/SY
 Sample : N3970-04RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MHB-LOWERRE

Quant Time: Aug 03 04:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	98664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	216914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	227486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70247	90.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.500%#	
35) Dibromofluoromethane	7.903	113	82319	61.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.160%	
50) Toluene-d8	10.332	98	285377	62.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.720%	
62) 4-Bromofluorobenzene	12.620	95	99750	59.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.500%	

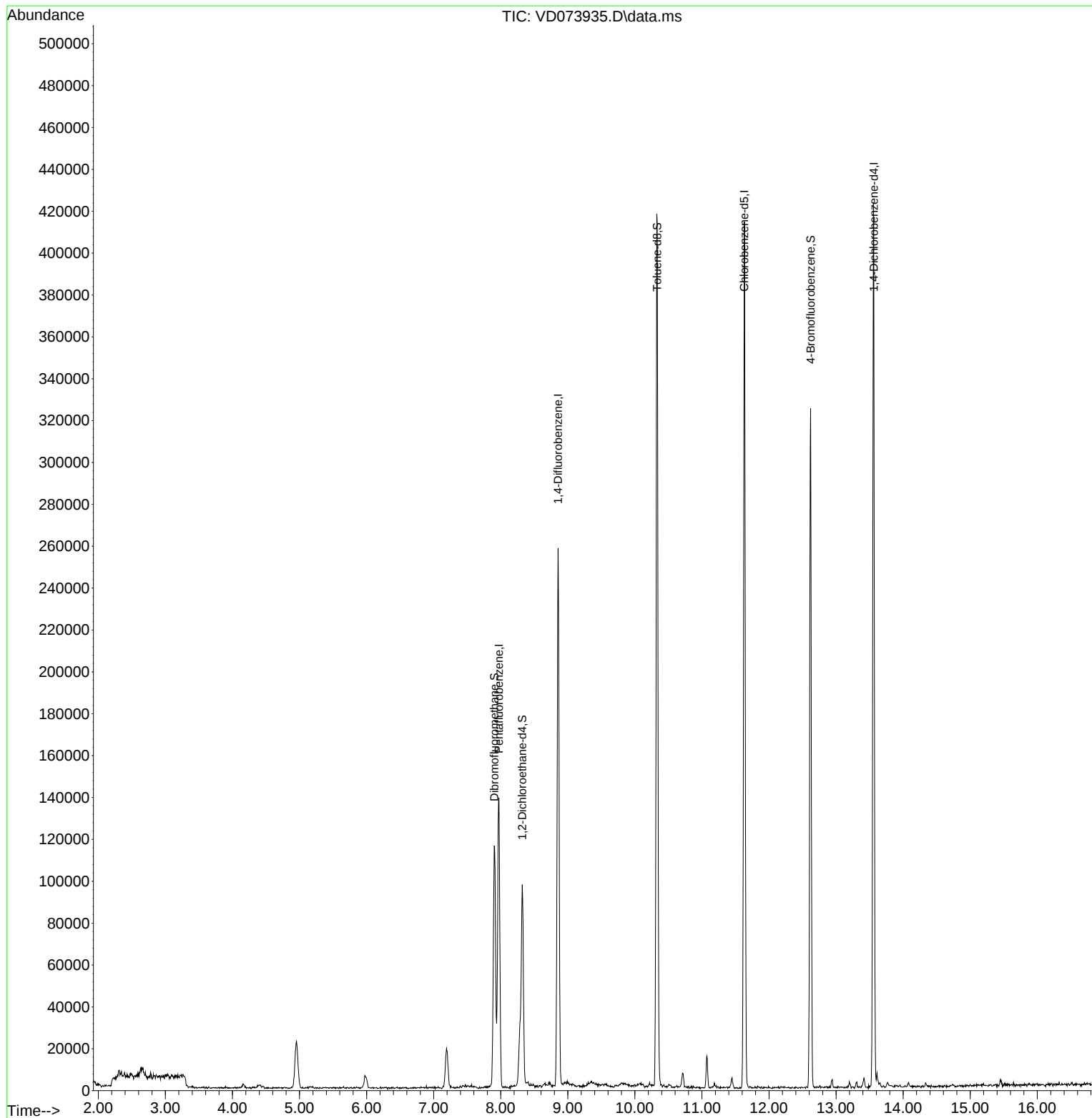
Target Compounds	Qvalue

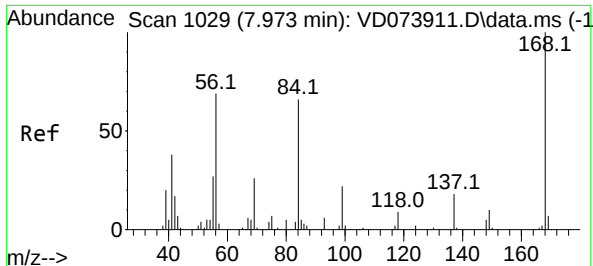
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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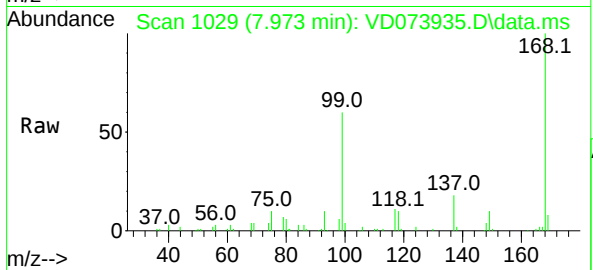
Quant Time: Aug 03 04:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
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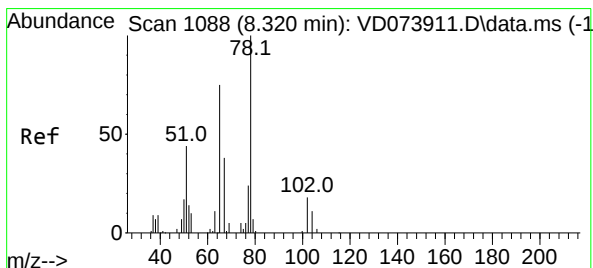
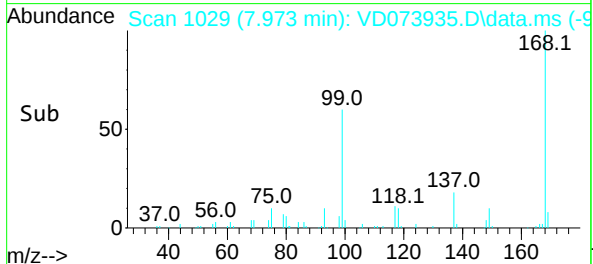
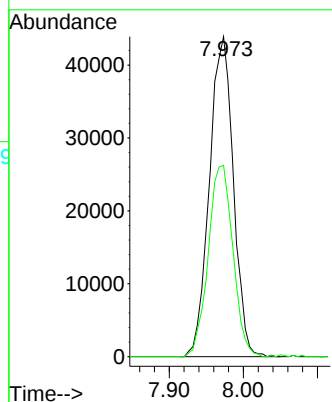


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

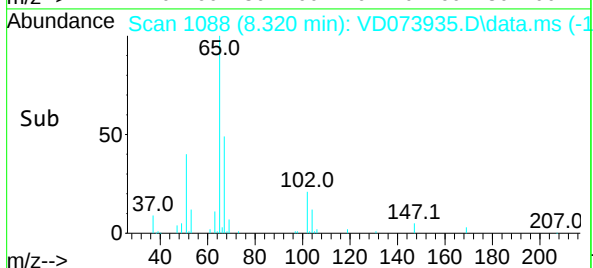
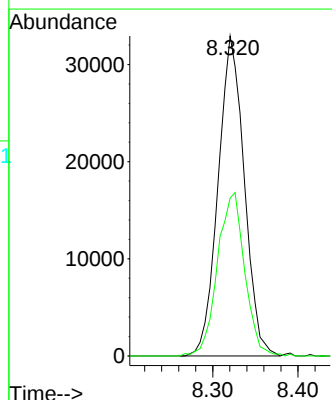
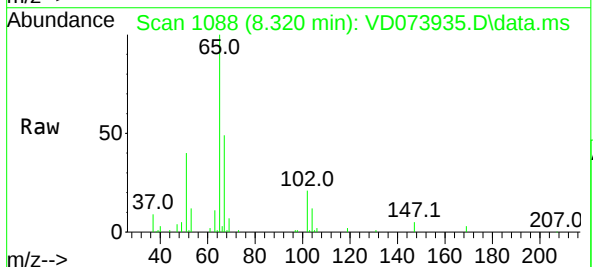


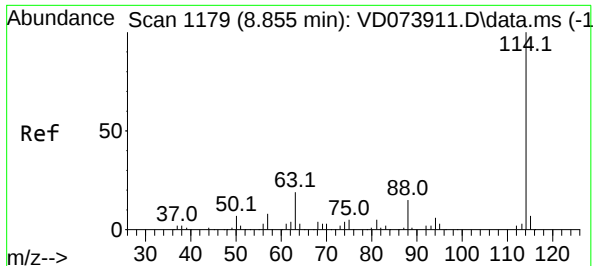
Tgt Ion:168 Resp: 98664
Ion Ratio Lower Upper
168 100
99 59.8 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 90.252 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 65 Resp: 70247
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

Instrument :

MSVOA_D

ClientSampleId :

MHB-LOWERRE

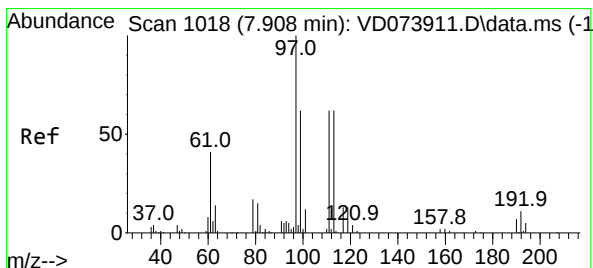
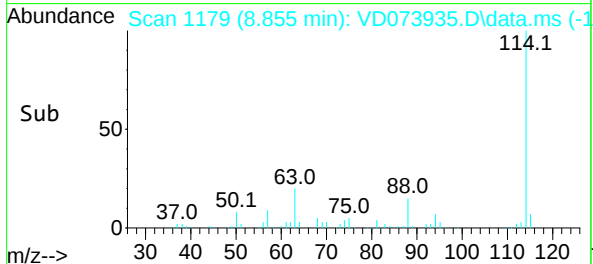
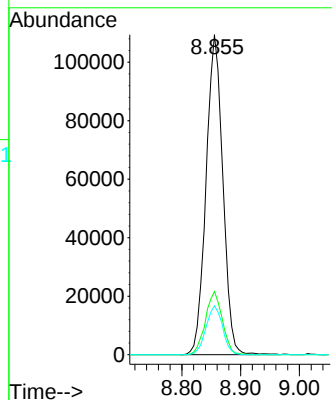
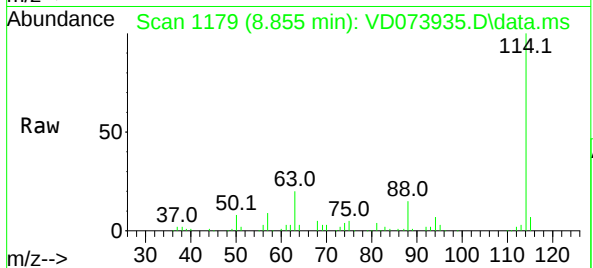
Tgt Ion:114 Resp: 216914

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 15.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 61.080 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

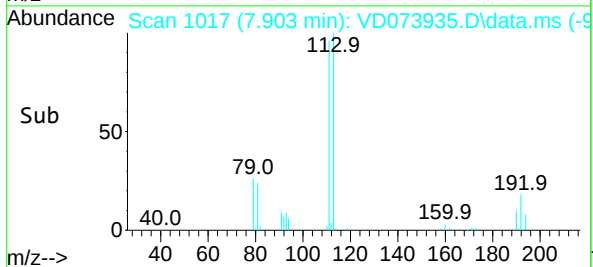
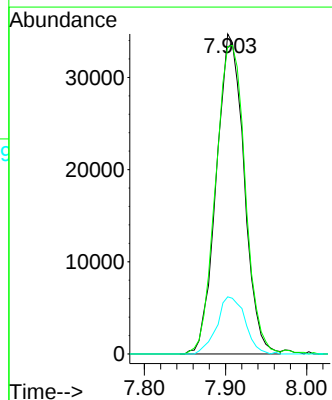
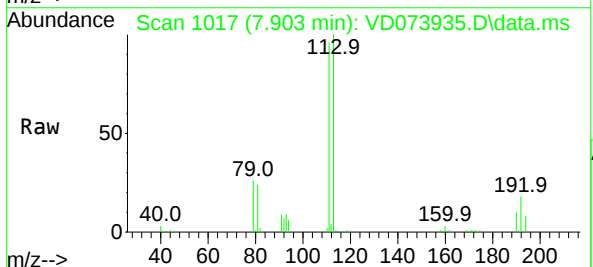
Tgt Ion:113 Resp: 82319

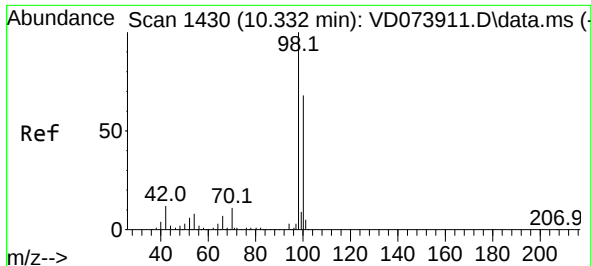
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 18.1 15.0 22.6

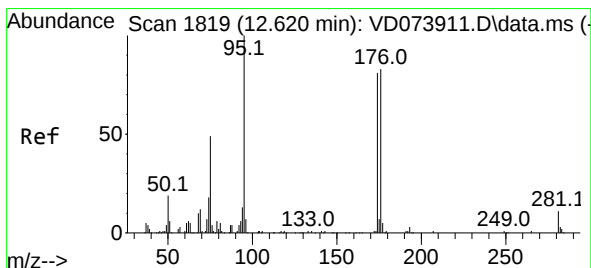
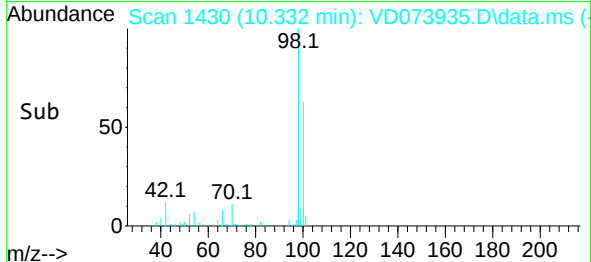
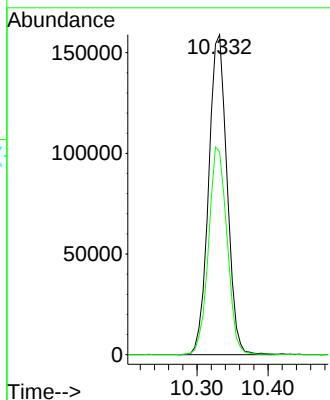
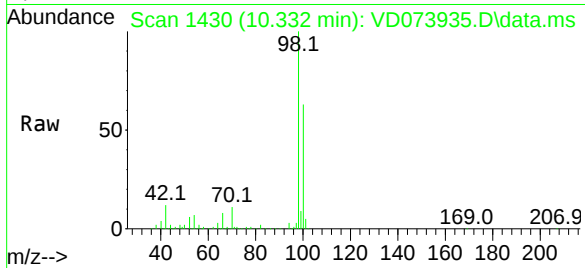




#50
Toluene-d8
Concen: 62.862 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

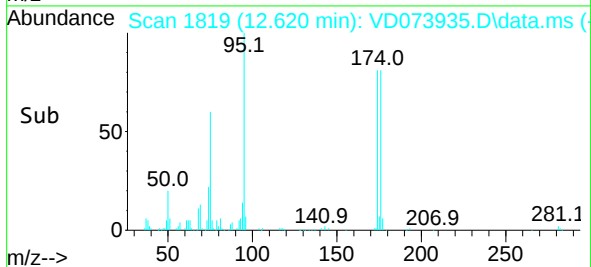
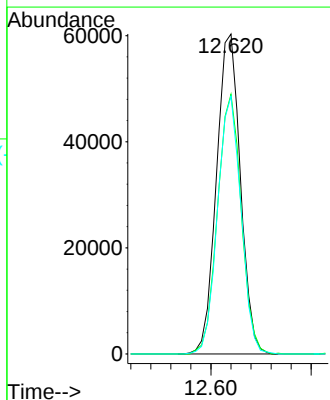
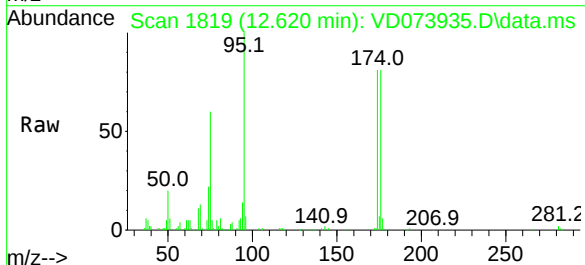
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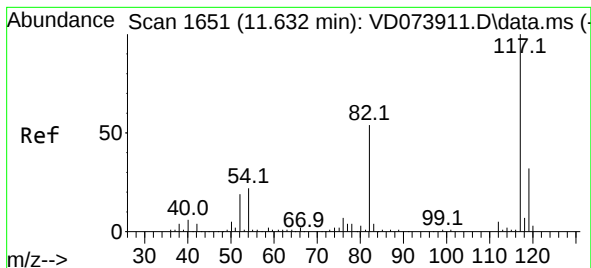
Tgt Ion: 98 Resp: 285377
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 59.750 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 95 Resp: 99750
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.2
176 78.8 0.0 161.4

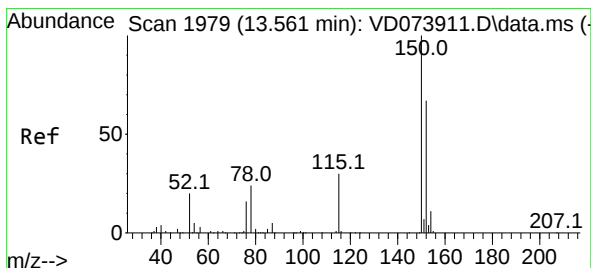
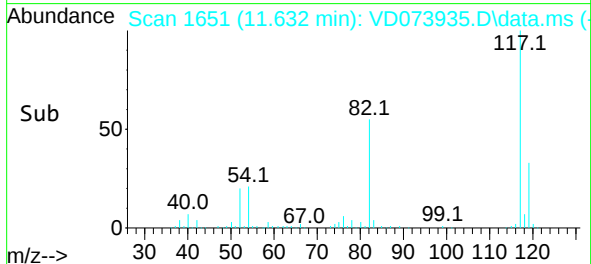
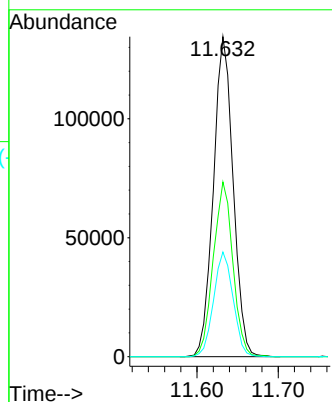
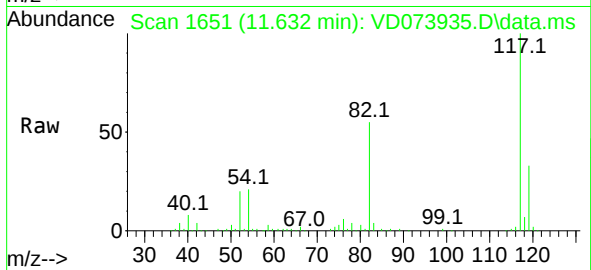




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

Tgt Ion:117 Resp: 227486
Ion Ratio Lower Upper
117 100
82 54.6 43.3 64.9
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion:152 Resp: 106382
Ion Ratio Lower Upper
152 100
115 61.3 29.1 87.3
150 155.2 0.0 338.2

