

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074050.D
 Acq On : 11 Aug 2022 19:18
 Operator : VA/SY
 Sample : N4130-03RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB03RE

Quant Time: Aug 12 01:19:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	90878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	162454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	121029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	31243	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	49753	72.794	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.580%
35) Dibromofluoromethane	7.908	113	56973	52.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.600%
50) Toluene-d8	10.332	98	114677	39.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.860%
62) 4-Bromofluorobenzene	12.620	95	36119	27.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.440%

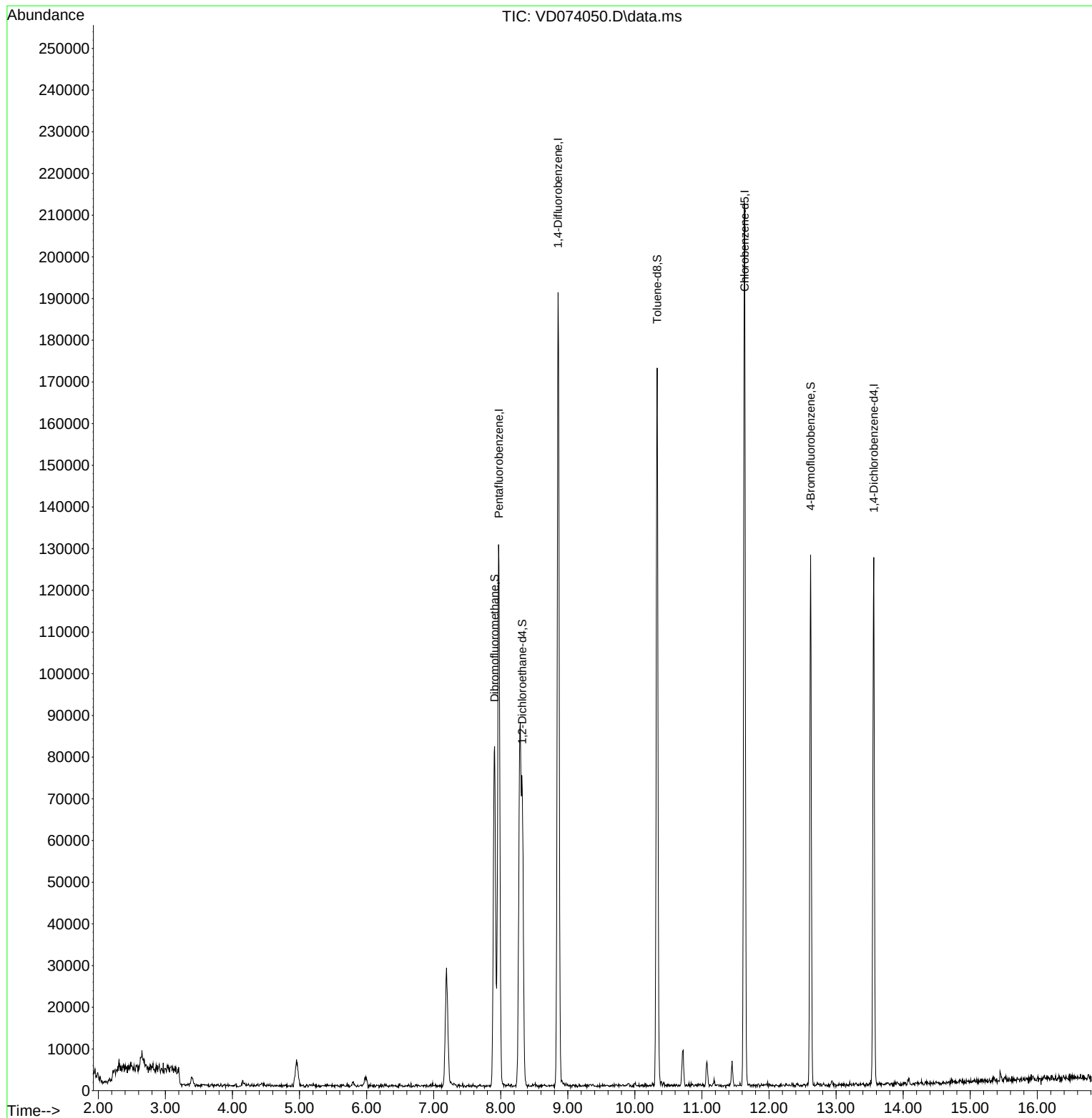
Target Compounds	Qvalue

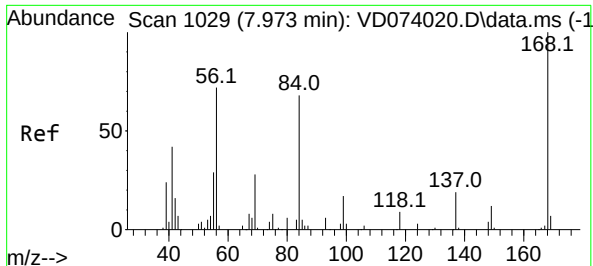
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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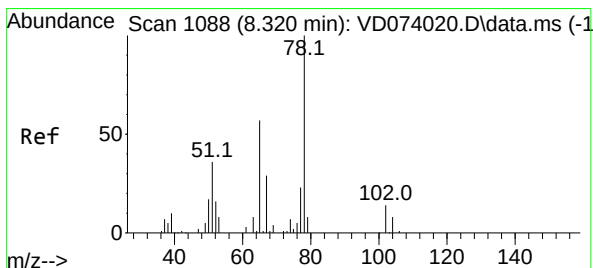
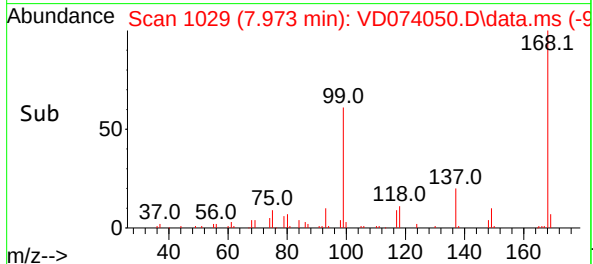
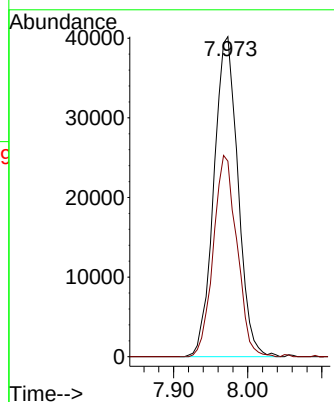
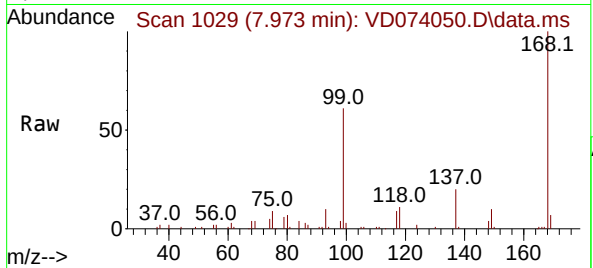




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

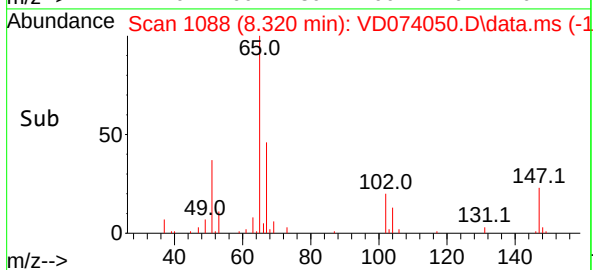
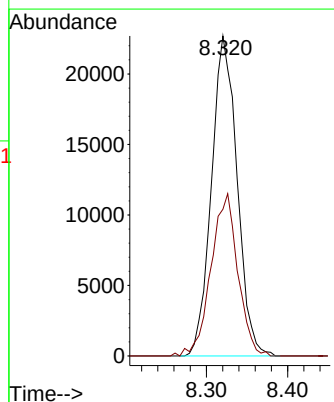
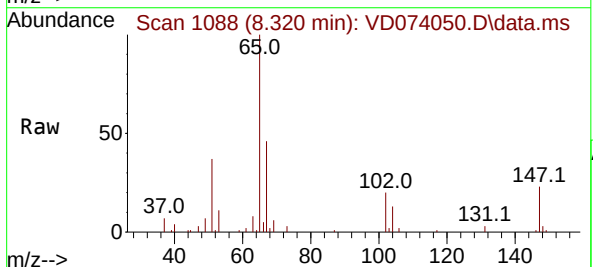
Instrument :
MSVOA_D
ClientSampleId :
SB03RE

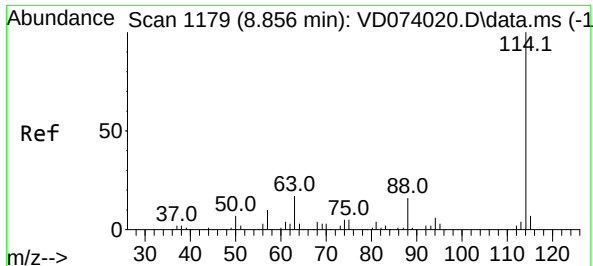
Tgt Ion:168 Resp: 90878
Ion Ratio Lower Upper
168 100
99 61.1 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 72.794 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 65 Resp: 49753
Ion Ratio Lower Upper
65 100
67 53.0 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074050.D

Acq: 11 Aug 2022 19:18

Instrument :

MSVOA_D

ClientSampleId :

SB03RE

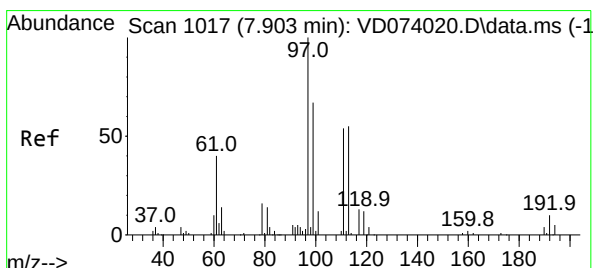
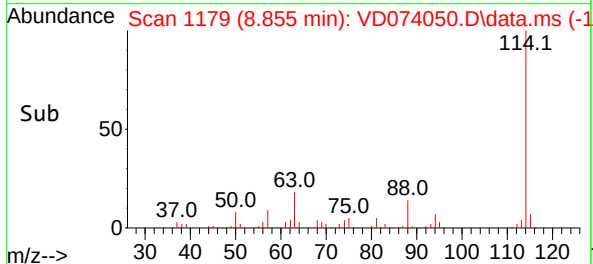
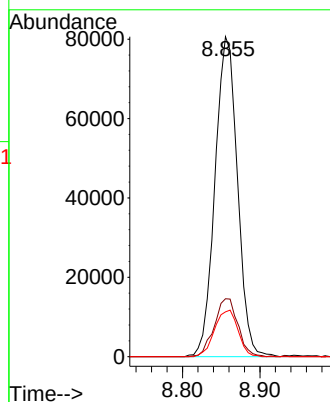
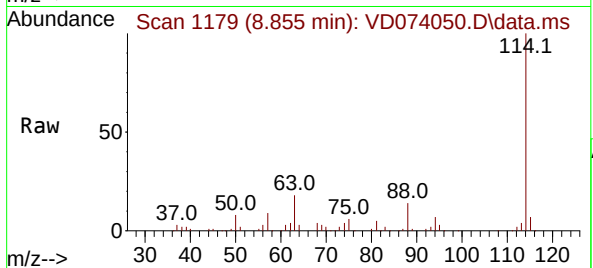
Tgt Ion:114 Resp: 162454

Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.0

88 14.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.802 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074050.D

Acq: 11 Aug 2022 19:18

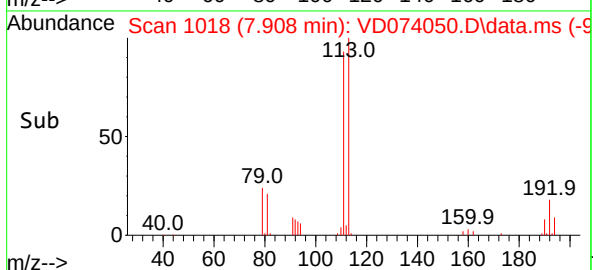
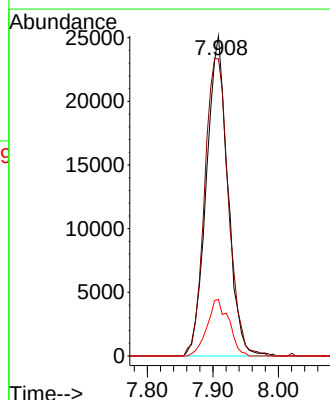
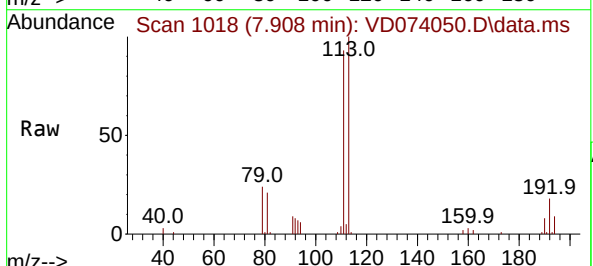
Tgt Ion:113 Resp: 56973

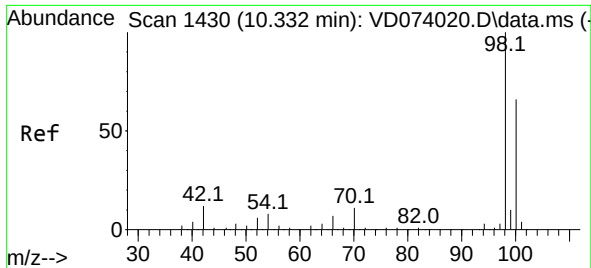
Ion Ratio Lower Upper

113 100

111 103.3 80.0 120.0

192 18.0 14.2 21.4

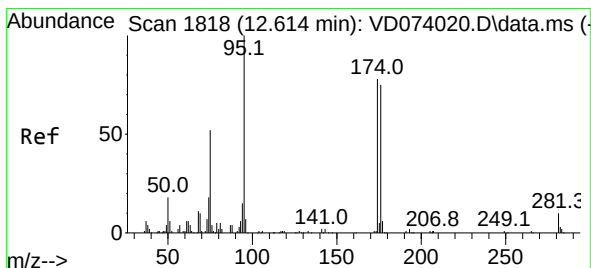
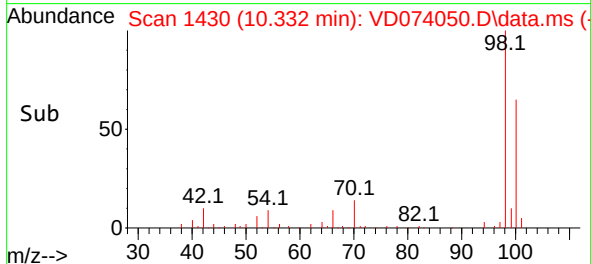
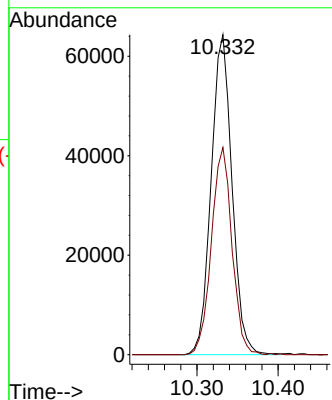
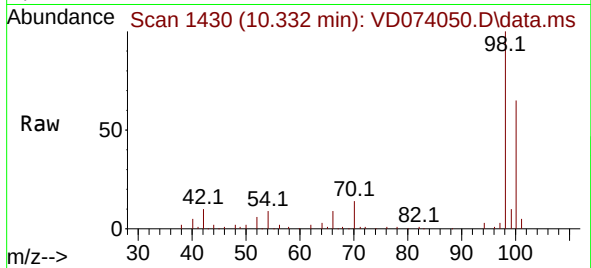




#50
Toluene-d8
Concen: 39.429 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

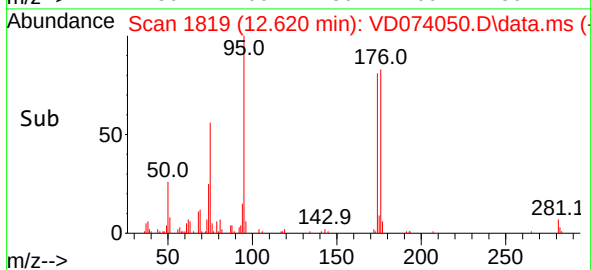
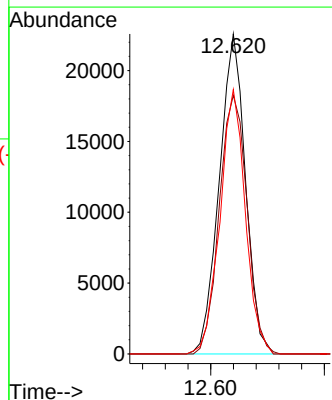
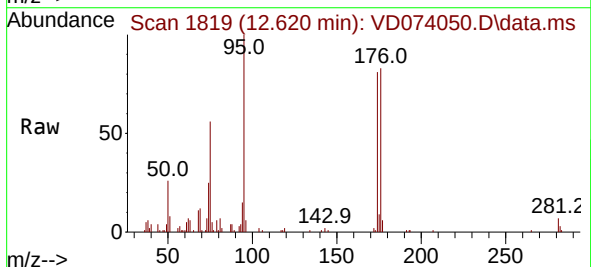
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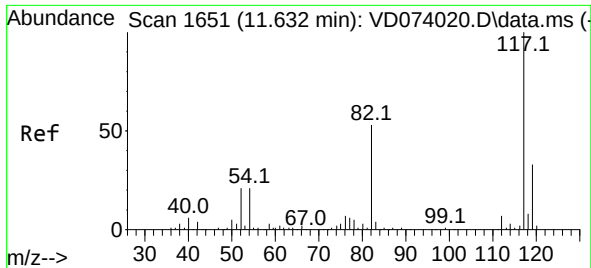
Tgt Ion: 98 Resp: 114677
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 27.221 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion: 95 Resp: 36119
Ion Ratio Lower Upper
95 100
174 85.6 0.0 162.6
176 80.1 0.0 160.0

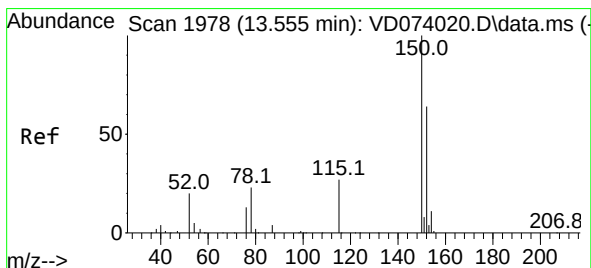
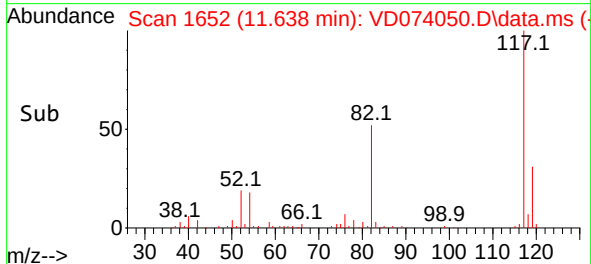
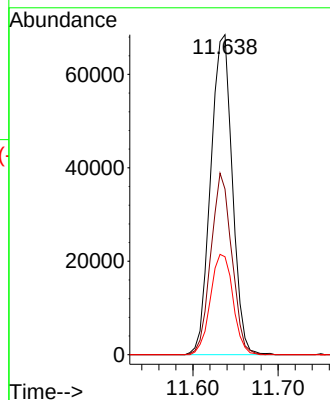
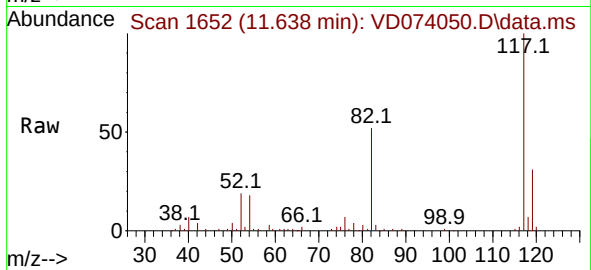




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Instrument :
MSVOA_D
ClientSampleId :
SB03RE

Tgt Ion:117 Resp: 121029
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 30.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074050.D
Acq: 11 Aug 2022 19:18

Tgt Ion:152 Resp: 31243
Ion Ratio Lower Upper
152 100
115 62.2 29.9 89.8
150 165.7 0.0 342.8

