

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073899.D
 Acq On : 21 Jul 2022 16:32
 Operator : VA/SY
 Sample : N3814-04
 Misc : 5.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-3(0-5)

Quant Time: Jul 22 01:19:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	127361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	236325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	224113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	96611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80051	52.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.280%
35) Dibromofluoromethane	7.909	113	82948	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.332	98	294697	48.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.620	95	97520	46.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.720%

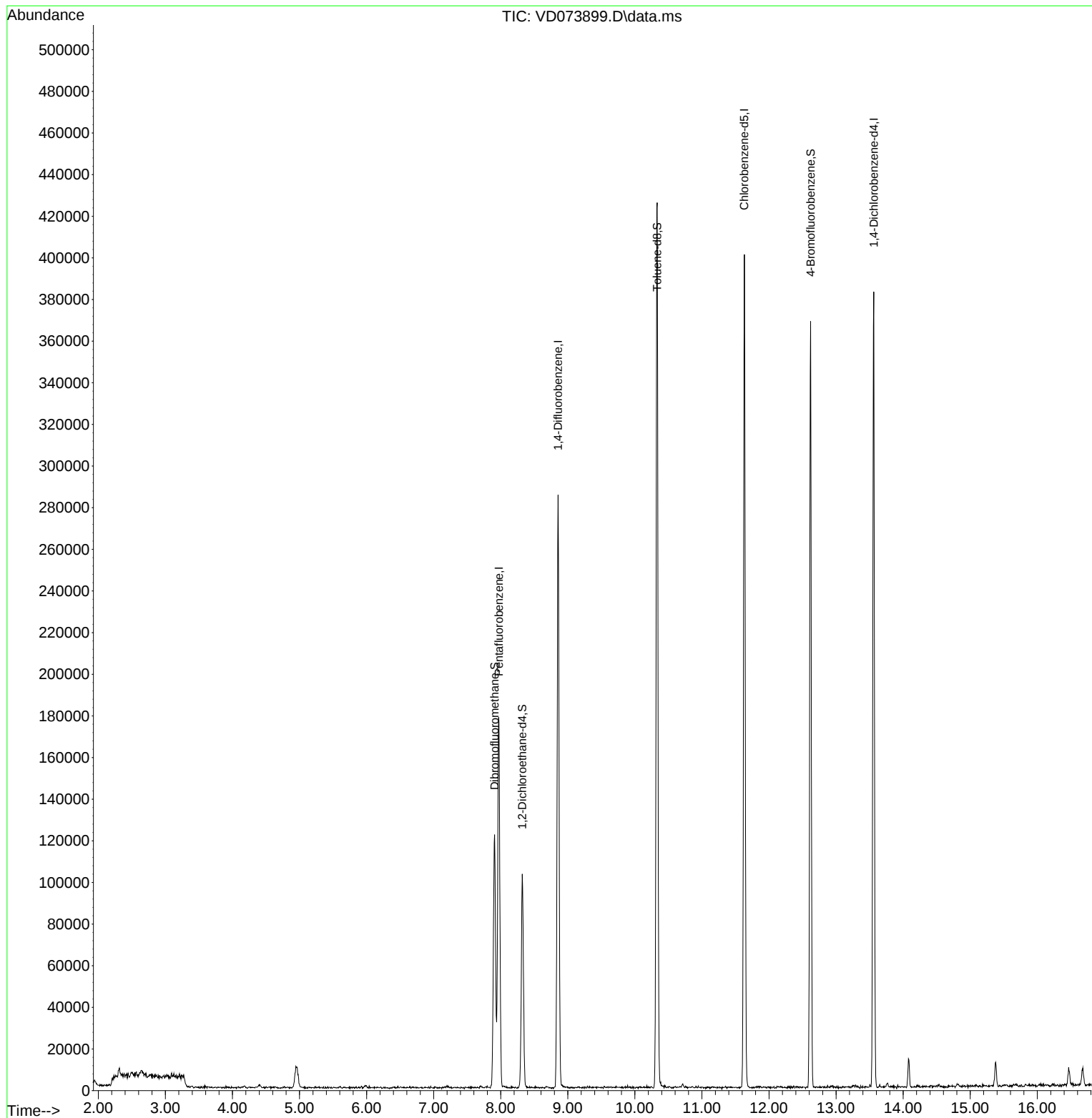
Target Compounds	Qvalue

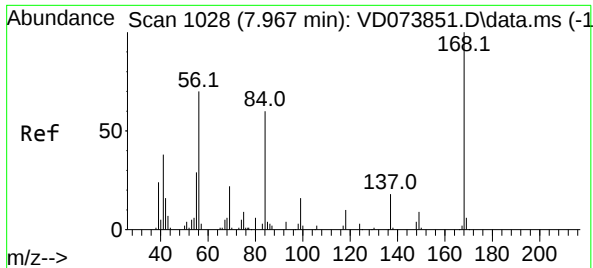
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
Data File : VD073899.D
Acq On : 21 Jul 2022 16:32
Operator : VA/SY
Sample : N3814-04
Misc : 5.68G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(0-5)

Quant Time: Jul 22 01:19:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 2022
Response via : Initial Calibration

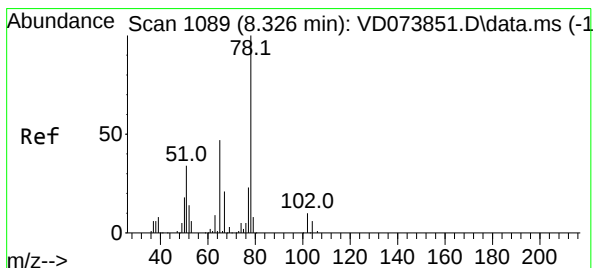
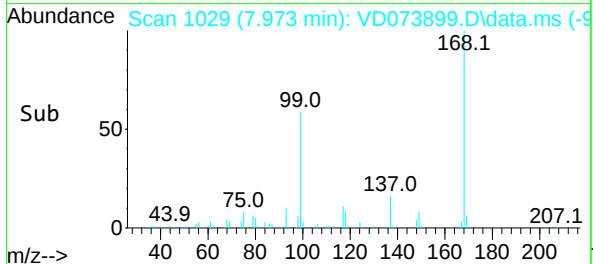
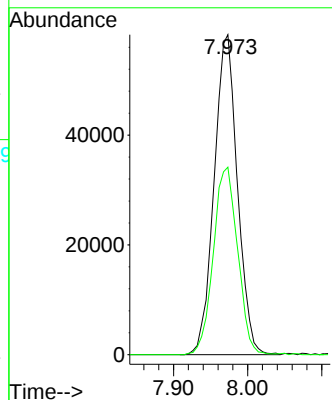
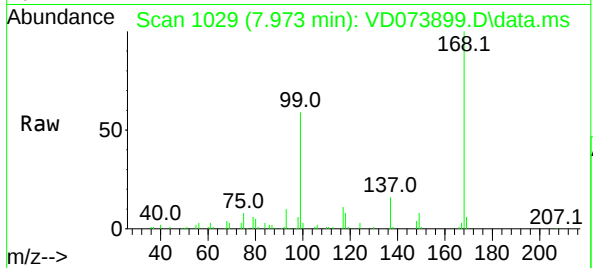




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073899.D
Acq: 21 Jul 2022 16:32

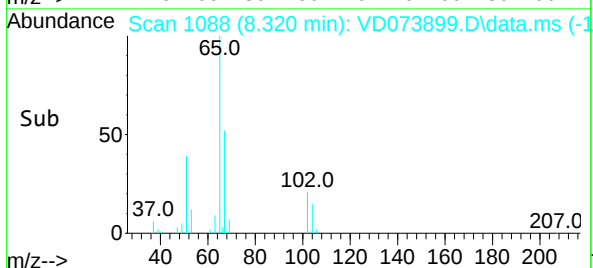
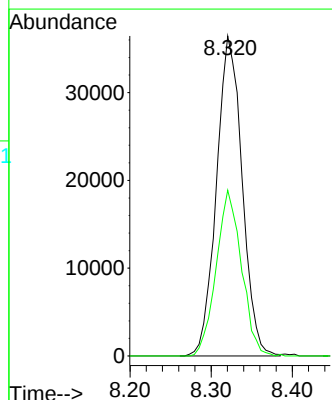
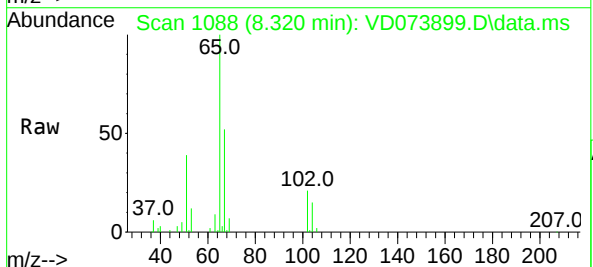
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(0-5)

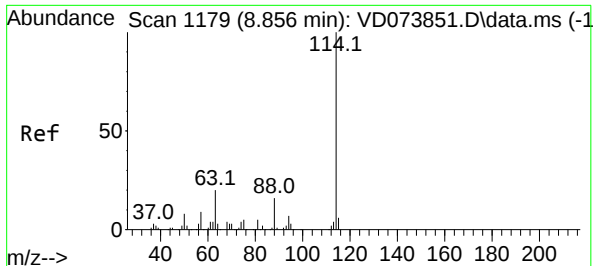
Tgt Ion:168 Resp: 127361
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073899.D
Acq: 21 Jul 2022 16:32

Tgt Ion: 65 Resp: 80051
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073899.D

Acq: 21 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(0-5)

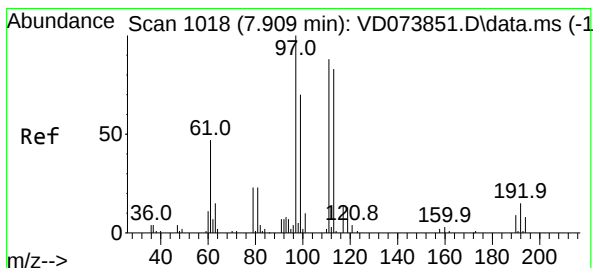
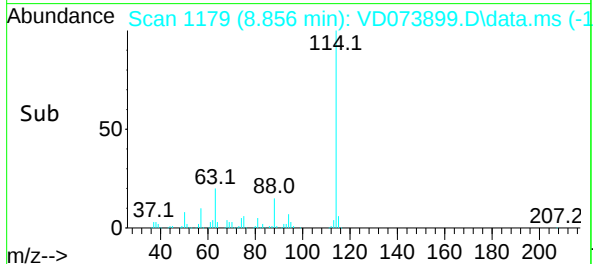
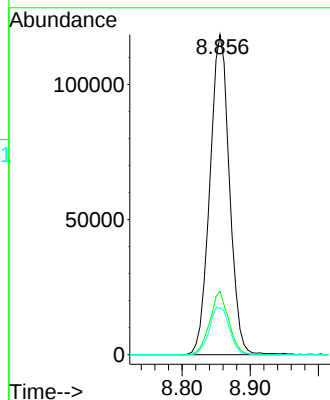
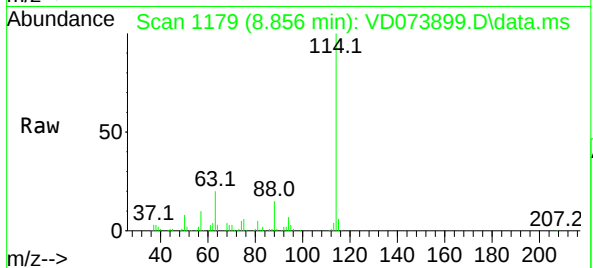
Tgt Ion:114 Resp: 236325

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.752 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073899.D

Acq: 21 Jul 2022 16:32

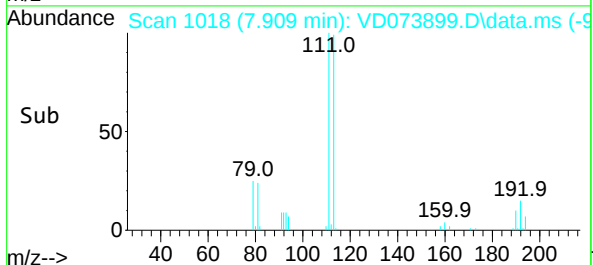
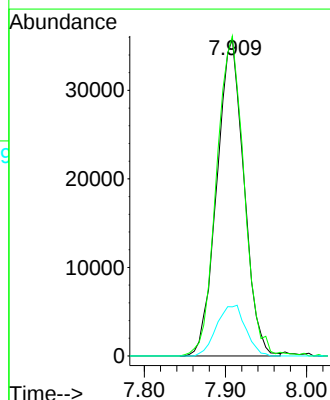
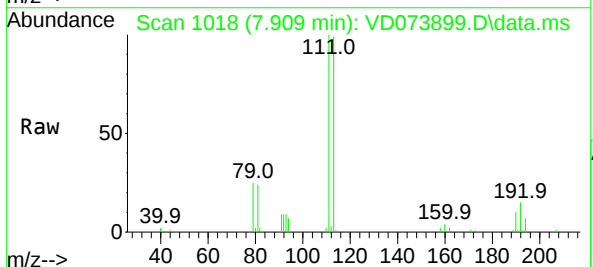
Tgt Ion:113 Resp: 82948

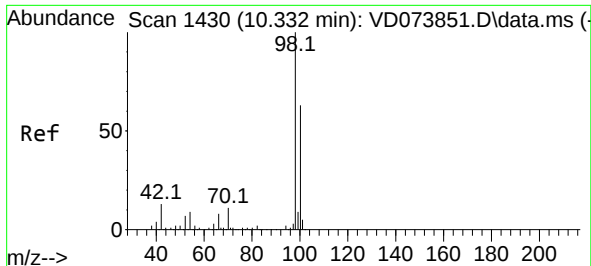
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.1 14.6 21.8

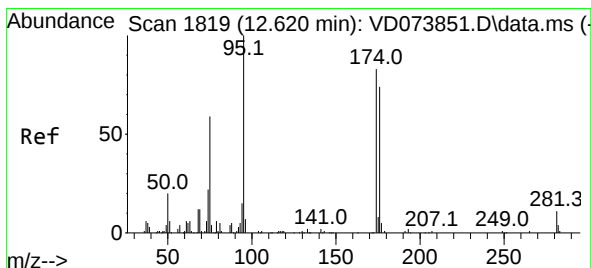
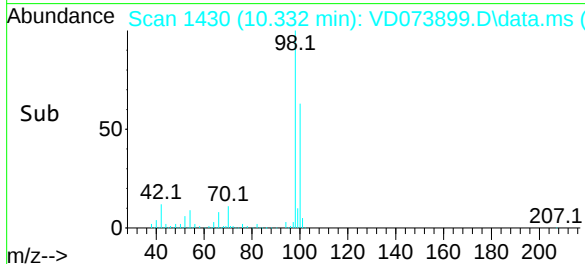
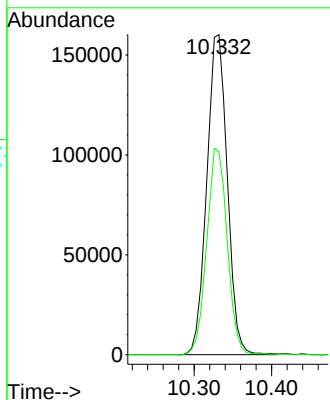
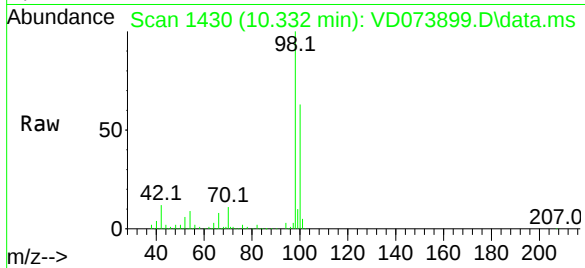




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073899.D
Acq: 21 Jul 2022 16:32

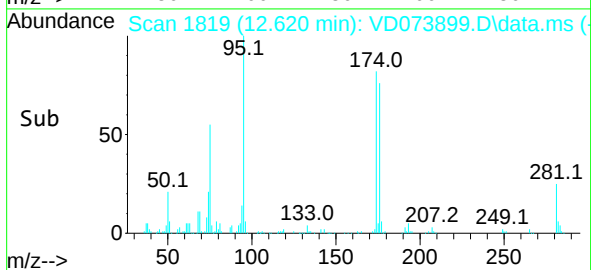
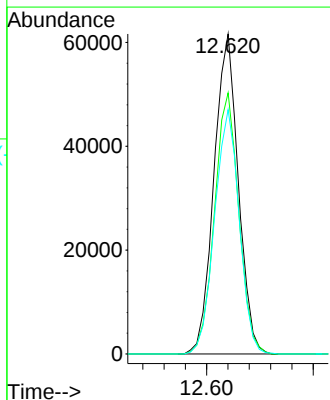
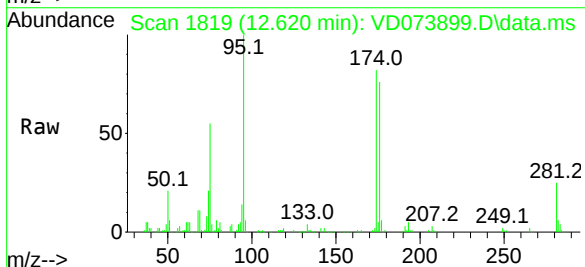
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(0-5)

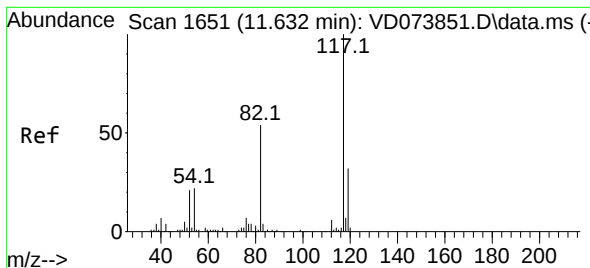
Tgt Ion: 98 Resp: 294697
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.863 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073899.D
Acq: 21 Jul 2022 16:32

Tgt Ion: 95 Resp: 97520
Ion Ratio Lower Upper
95 100
174 81.5 0.0 152.8
176 77.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073899.D

Acq: 21 Jul 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(0-5)

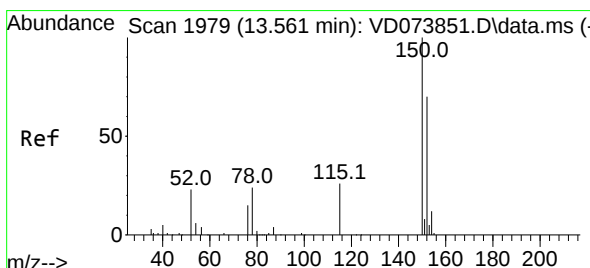
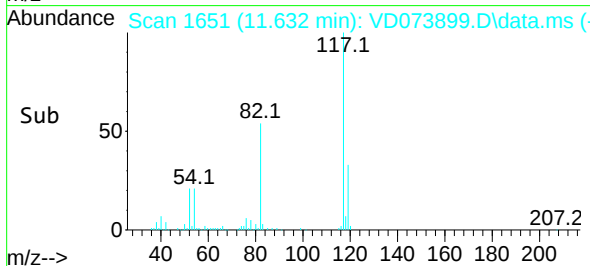
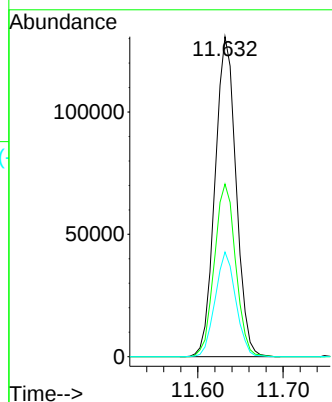
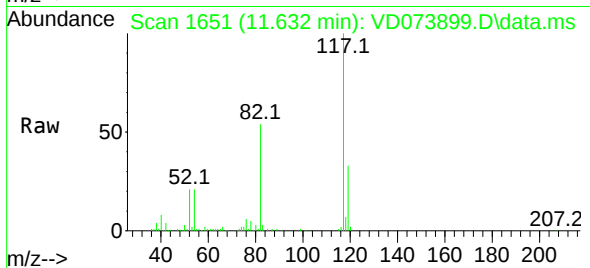
Tgt Ion:117 Resp: 224113

Ion Ratio Lower Upper

117 100

82 53.9 45.3 67.9

119 32.7 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: VD073899.D

Acq: 21 Jul 2022 16:32

Tgt Ion:152 Resp: 96611

Ion Ratio Lower Upper

152 100

115 61.9 31.3 93.8

150 157.4 0.0 348.6

