

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071913.D
 Acq On : 08 Feb 2022 12:58
 Operator : VA/SY
 Sample : N1423-04
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22

Quant Time: Feb 09 03:50:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	414523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	768956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	731013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	323996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279775	53.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.800%
35) Dibromofluoromethane	7.914	113	258395	51.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.338	98	982834	52.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.626	95	322981	48.995	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.980%

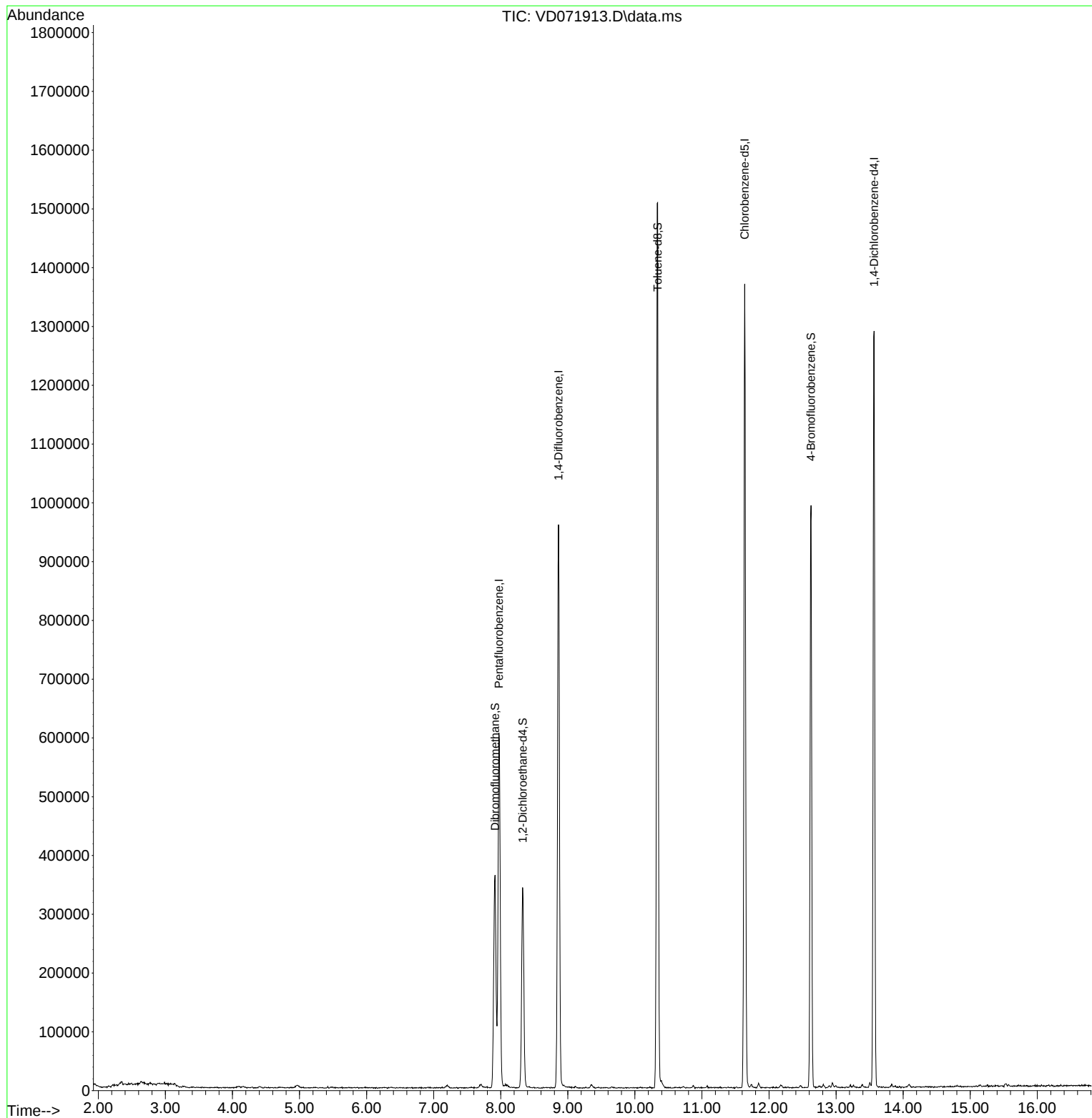
Target Compounds	Qvalue

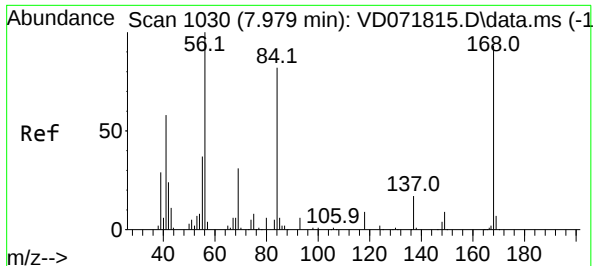
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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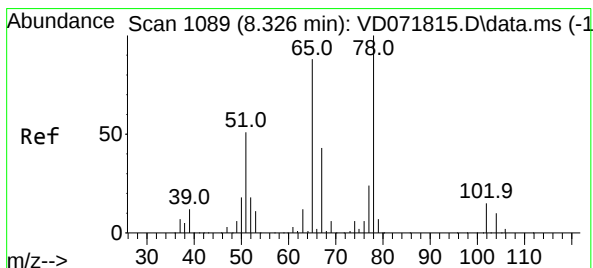
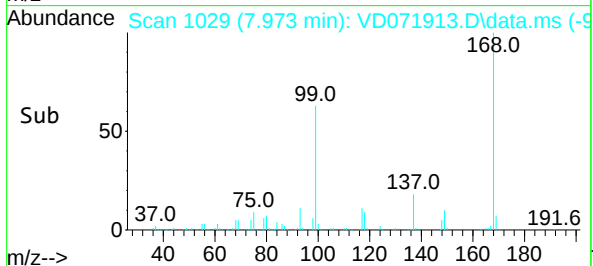
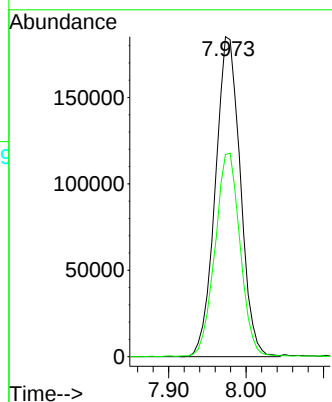
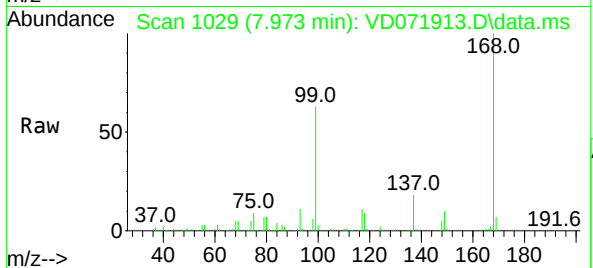




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

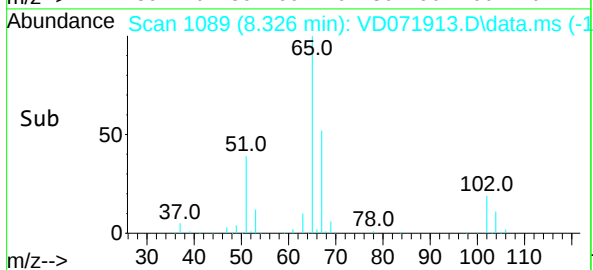
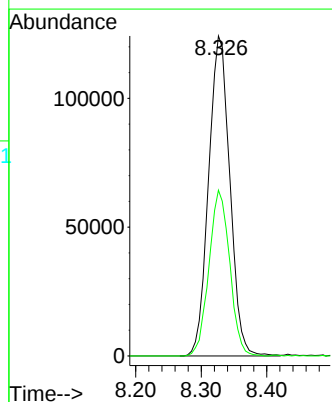
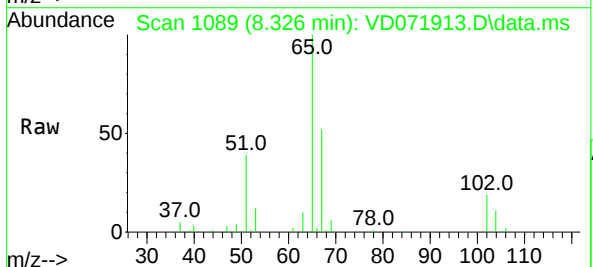
Instrument :
MSVOA_D
ClientSampleId :
TP-22

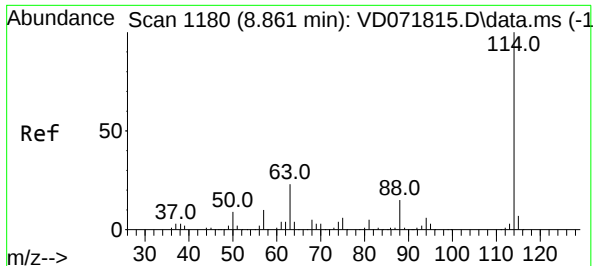
Tgt Ion:168 Resp: 414523
Ion Ratio Lower Upper
168 100
99 63.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.399 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion: 65 Resp: 279775
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

TP-22

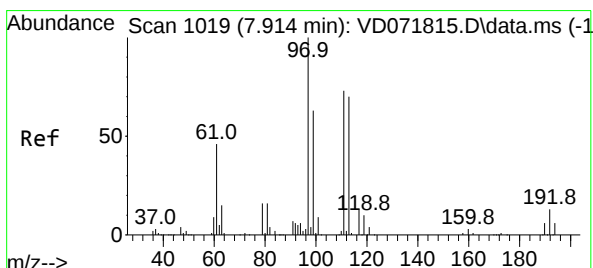
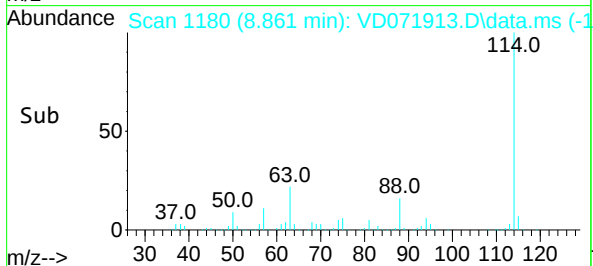
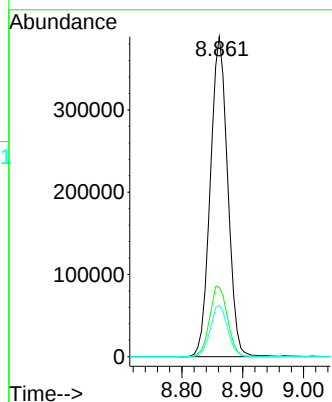
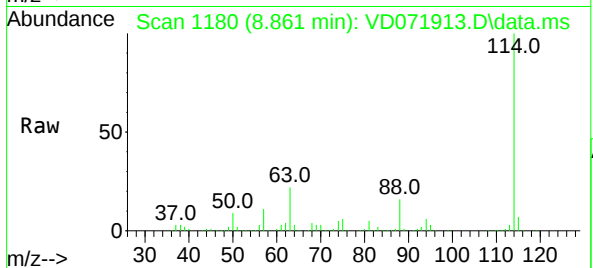
Tgt Ion:114 Resp: 768956

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.121 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

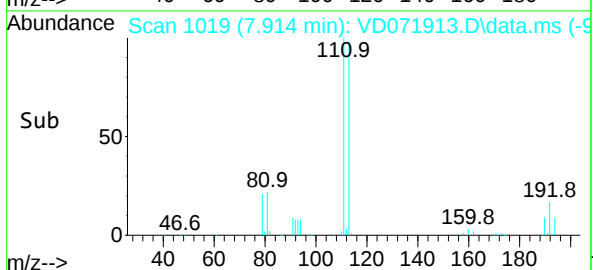
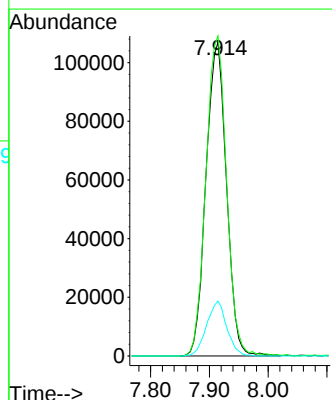
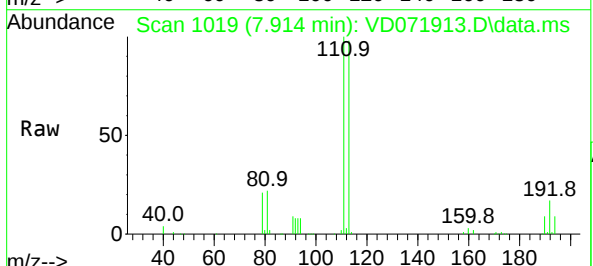
Tgt Ion:113 Resp: 258395

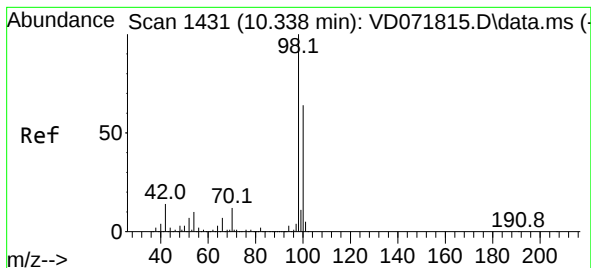
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.3 14.6 21.8





#50

Toluene-d8

Concen: 52.065 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

Instrument :

MSVOA_D

ClientSampleId :

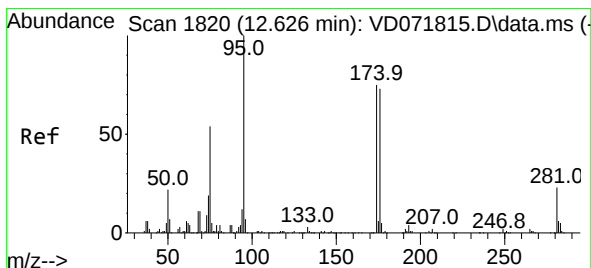
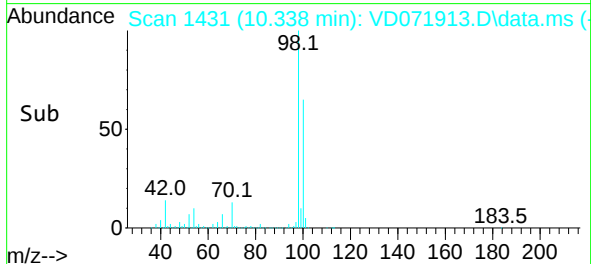
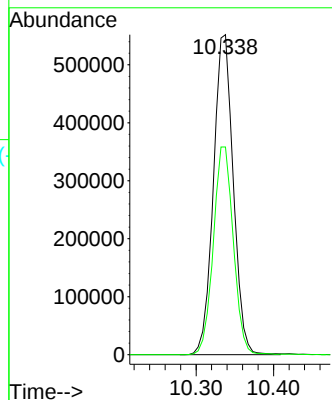
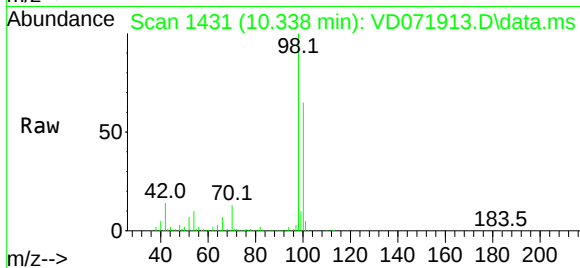
TP-22

Tgt Ion: 98 Resp: 982834

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.995 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.000 min

Lab File: VD071913.D

Acq: 08 Feb 2022 12:58

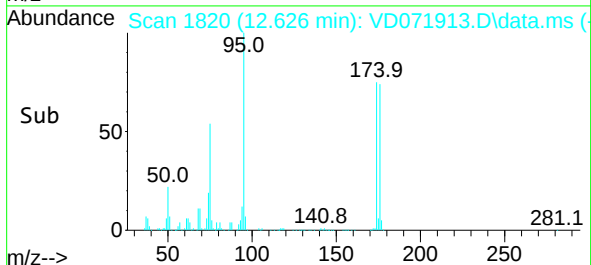
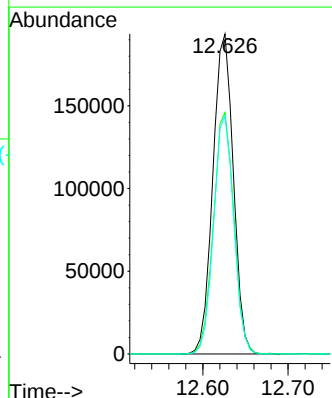
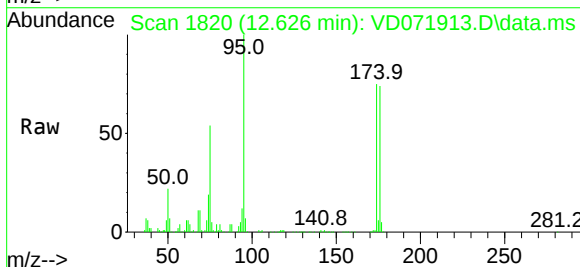
Tgt Ion: 95 Resp: 322981

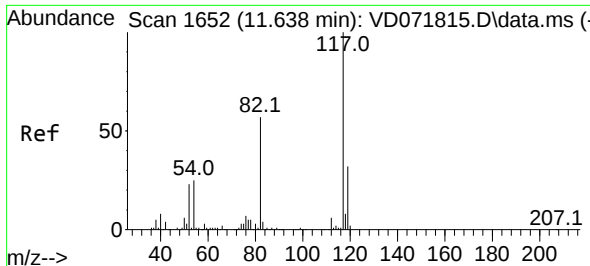
Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.8

176 72.8 0.0 145.4

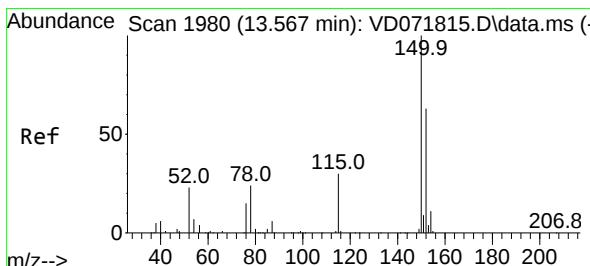
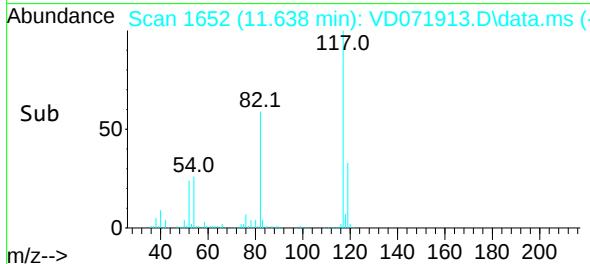
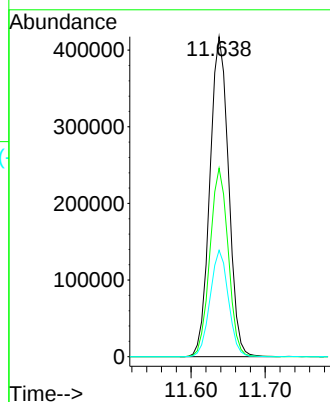
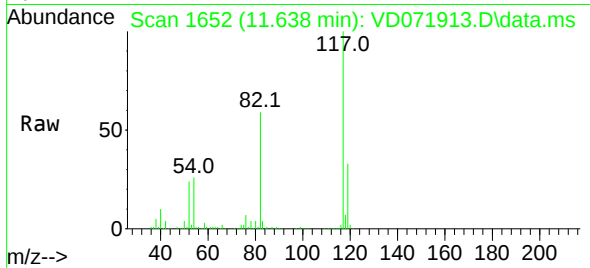




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Instrument :
MSVOA_D
ClientSampleId :
TP-22

Tgt Ion:117 Resp: 731013
Ion Ratio Lower Upper
117 100
82 58.9 45.3 67.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071913.D
Acq: 08 Feb 2022 12:58

Tgt Ion:152 Resp: 323996
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 157.0 0.0 348.6

