

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072289.D
 Acq On : 18 Mar 2022 14:50
 Operator : VA/SY
 Sample : N1966-10RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1-10-18-19RE

Quant Time: Mar 19 05:24:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	8703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	13586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	14775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6568	67.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.440%
35) Dibromofluoromethane	7.903	113	6295	65.843	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.680%
50) Toluene-d8	10.332	98	16303	46.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.626	95	6181	45.505	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.000%

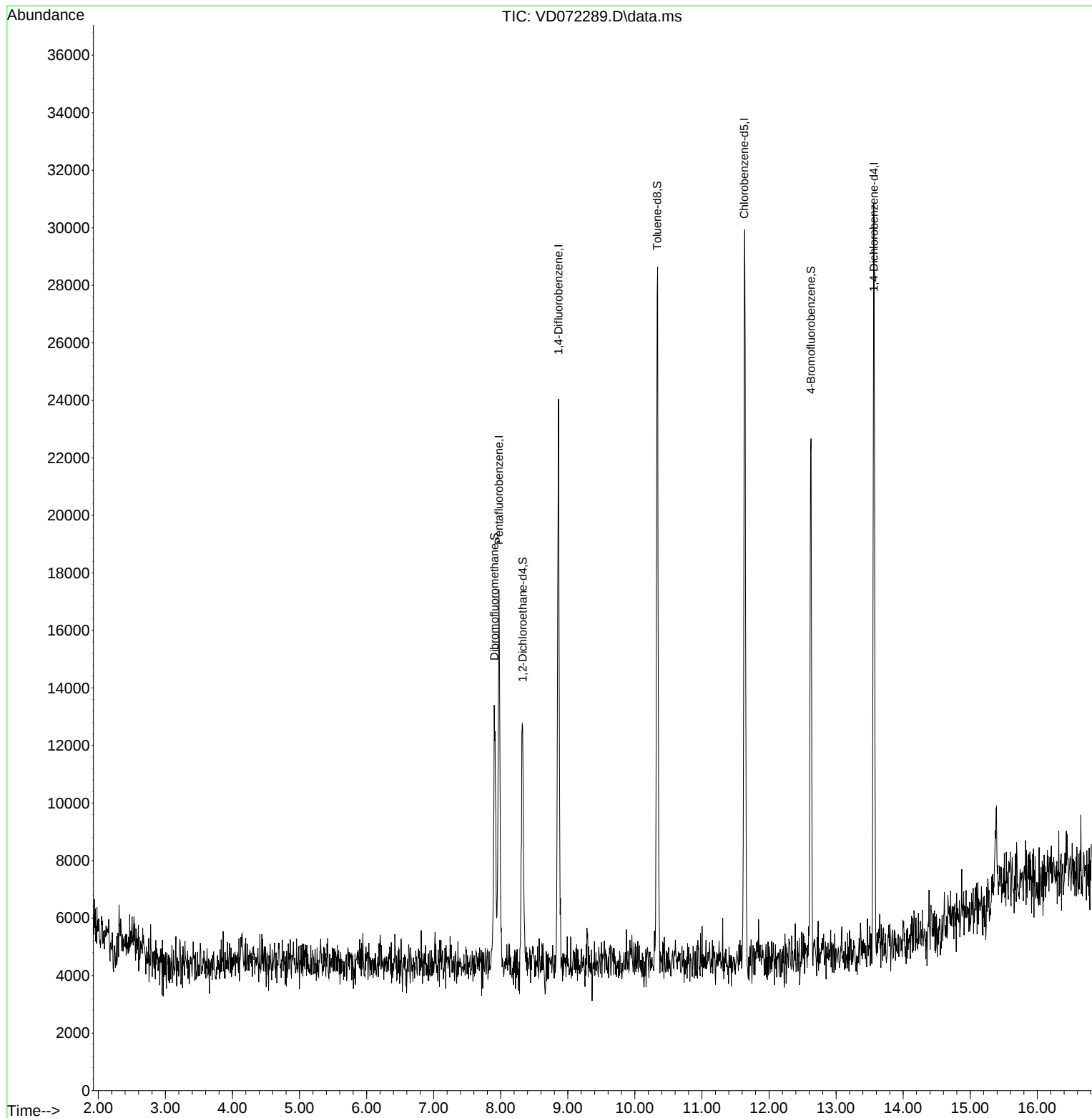
Target Compounds	Qvalue

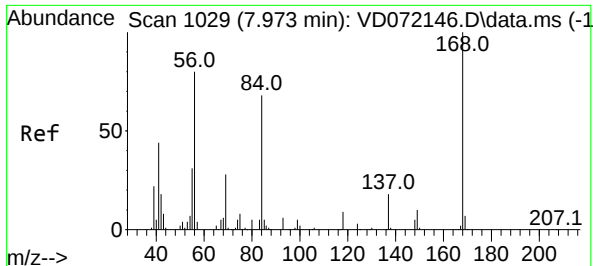
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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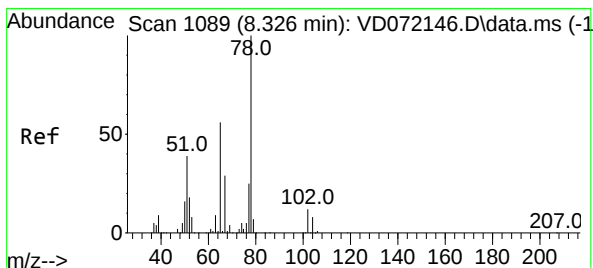
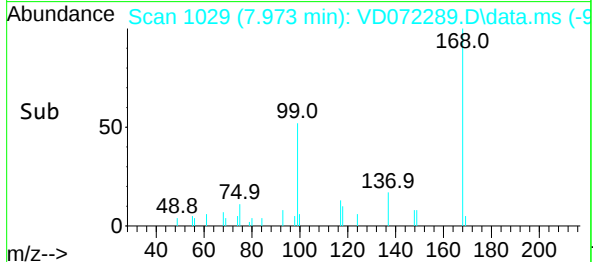
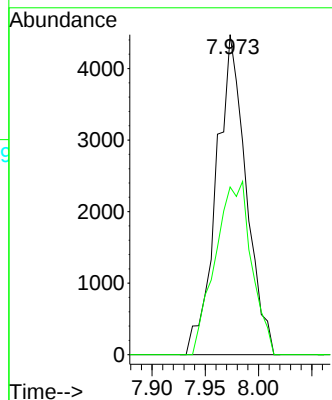
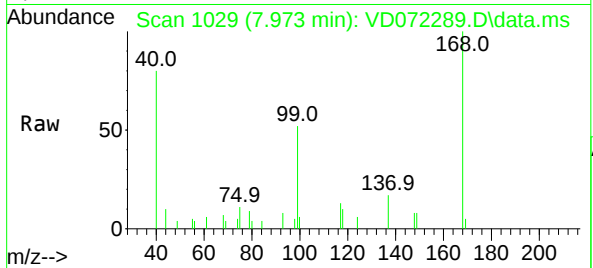




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

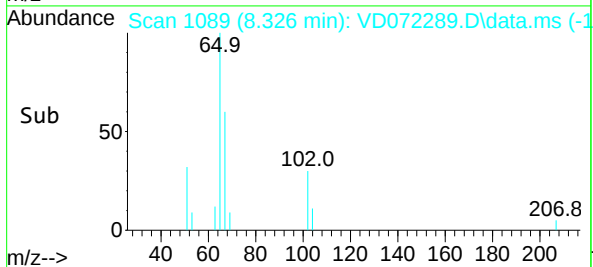
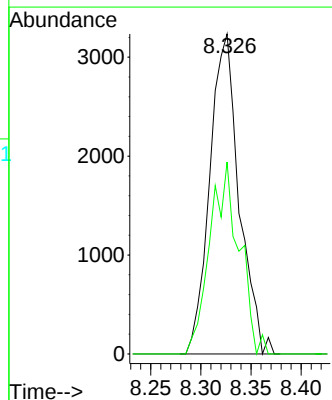
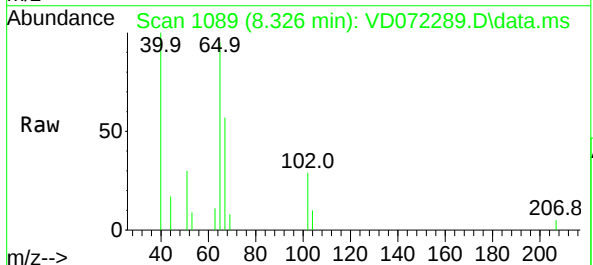
Instrument :
MSVOA_D
ClientSampleId :
G-1-10-18-19RE

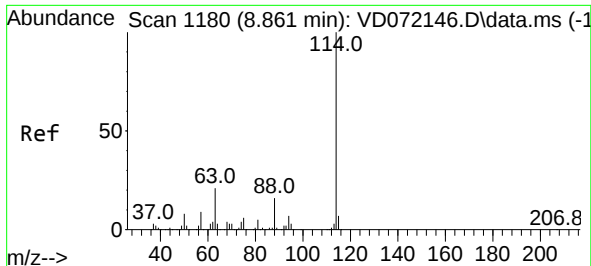
Tgt Ion:168 Resp: 8703
Ion Ratio Lower Upper
168 100
99 52.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 67.718 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

Tgt Ion: 65 Resp: 6568
Ion Ratio Lower Upper
65 100
67 60.0 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: VD072289.D

Acq: 18 Mar 2022 14:50

Instrument :

MSVOA_D

ClientSampleId :

G-1-10-18-19RE

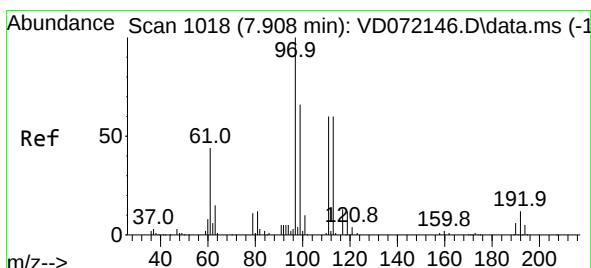
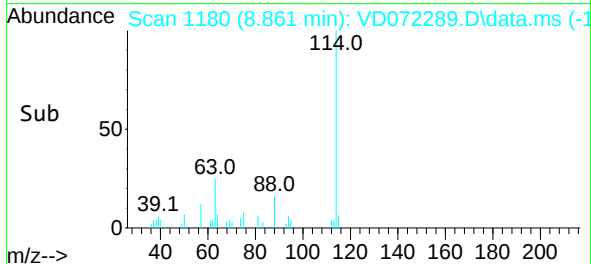
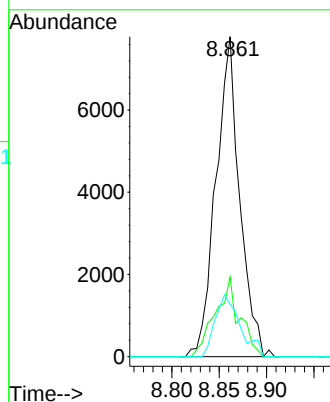
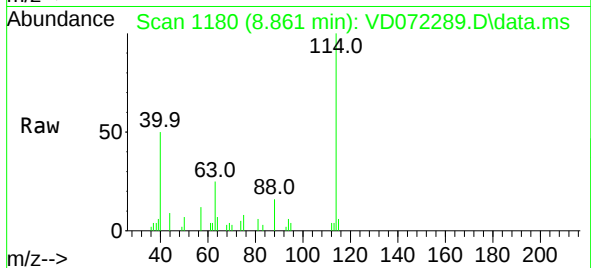
Tgt Ion:114 Resp: 13586

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 65.843 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD072289.D

Acq: 18 Mar 2022 14:50

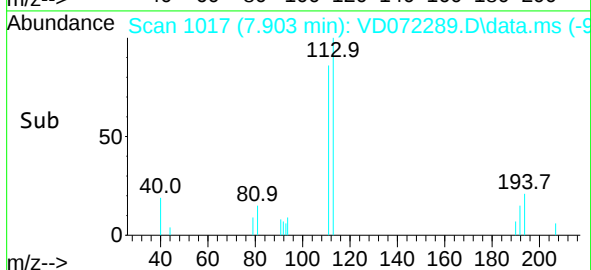
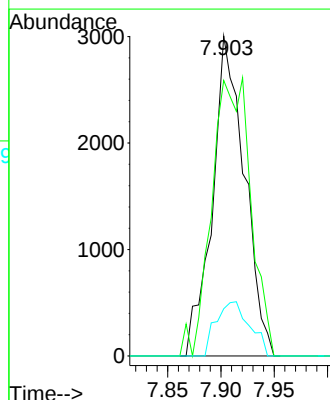
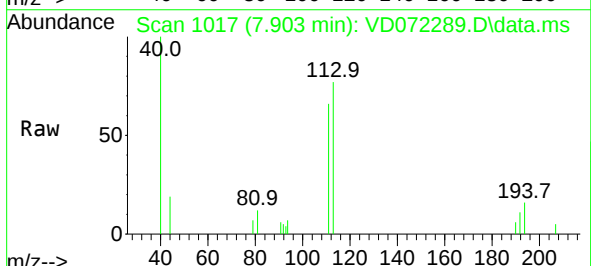
Tgt Ion:113 Resp: 6295

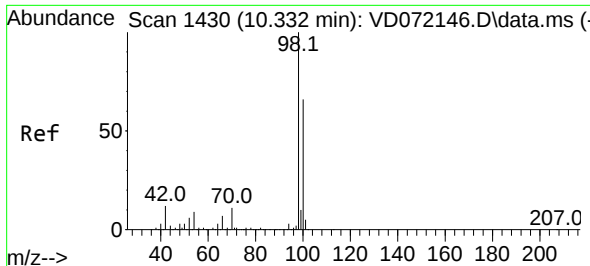
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 17.7 14.6 21.8

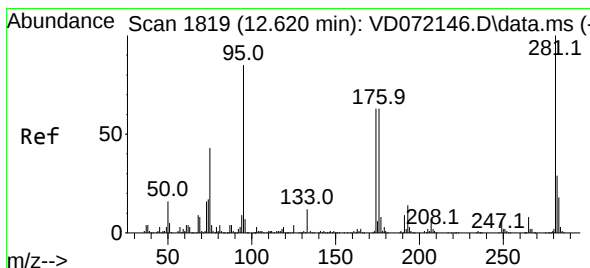
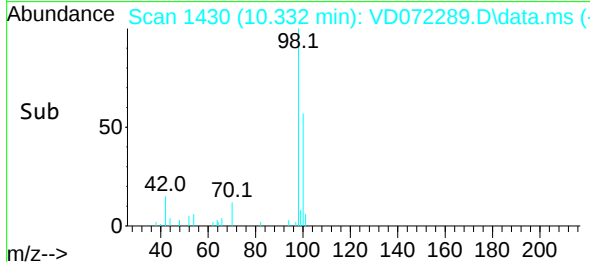
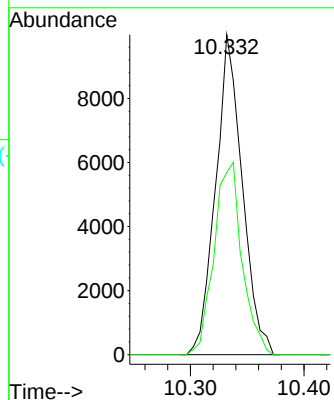
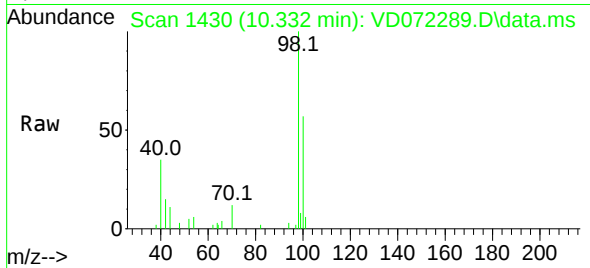




#50
Toluene-d8
Concen: 46.635 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

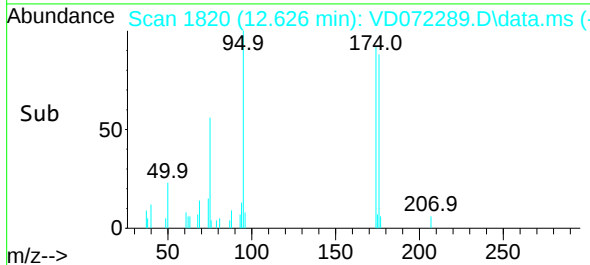
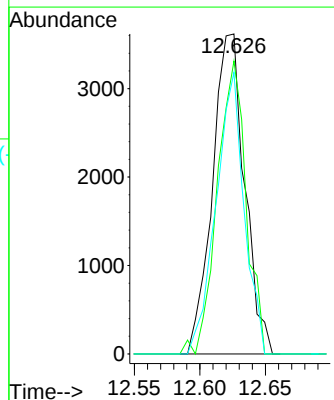
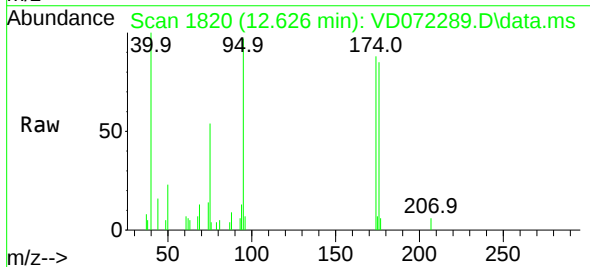
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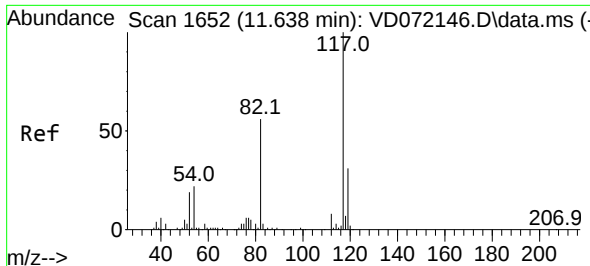
Tgt Ion: 98 Resp: 16303
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.505 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

Tgt Ion: 95 Resp: 6181
Ion Ratio Lower Upper
95 100
174 81.6 0.0 152.8
176 76.7 0.0 145.4

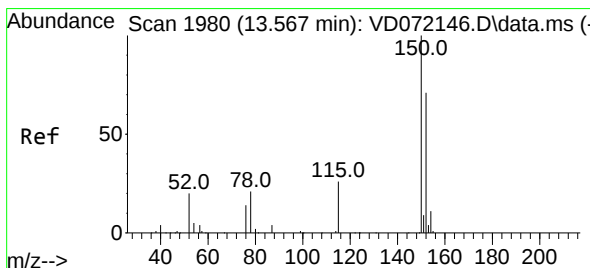
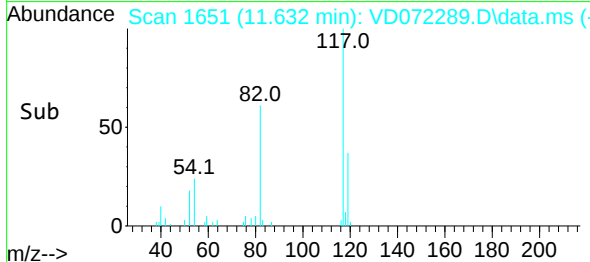
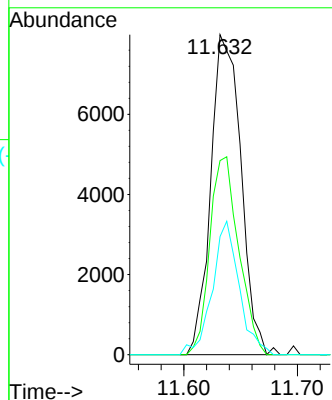
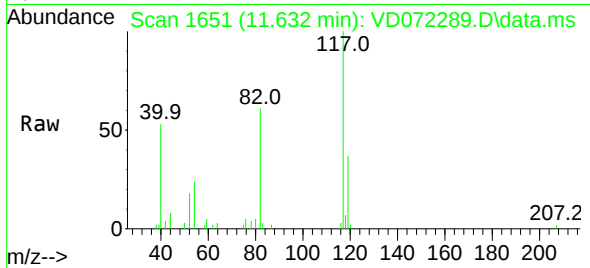




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

Instrument :
MSVOA_D
ClientSampleId :
G-1-10-18-19RE

Tgt Ion:	117	Resp:	14775
Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.3	67.9
119	36.9	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072289.D
Acq: 18 Mar 2022 14:50

Tgt Ion:	152	Resp:	7348
Ion	Ratio	Lower	Upper
152	100		
115	52.4	31.3	93.8
150	136.6	0.0	348.6

