

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072362.D
 Acq On : 22 Mar 2022 14:39
 Operator : VA/SY
 Sample : N1968-10
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-2-11-23-24

Quant Time: Mar 23 01:12:34 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	7.979	168	10064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	6571	58.587	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.180%
35) Dibromofluoromethane	7.902	113	6079	53.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.332	98	16909	40.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.860%
62) 4-Bromofluorobenzene	12.626	95	7176	44.703	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.400%

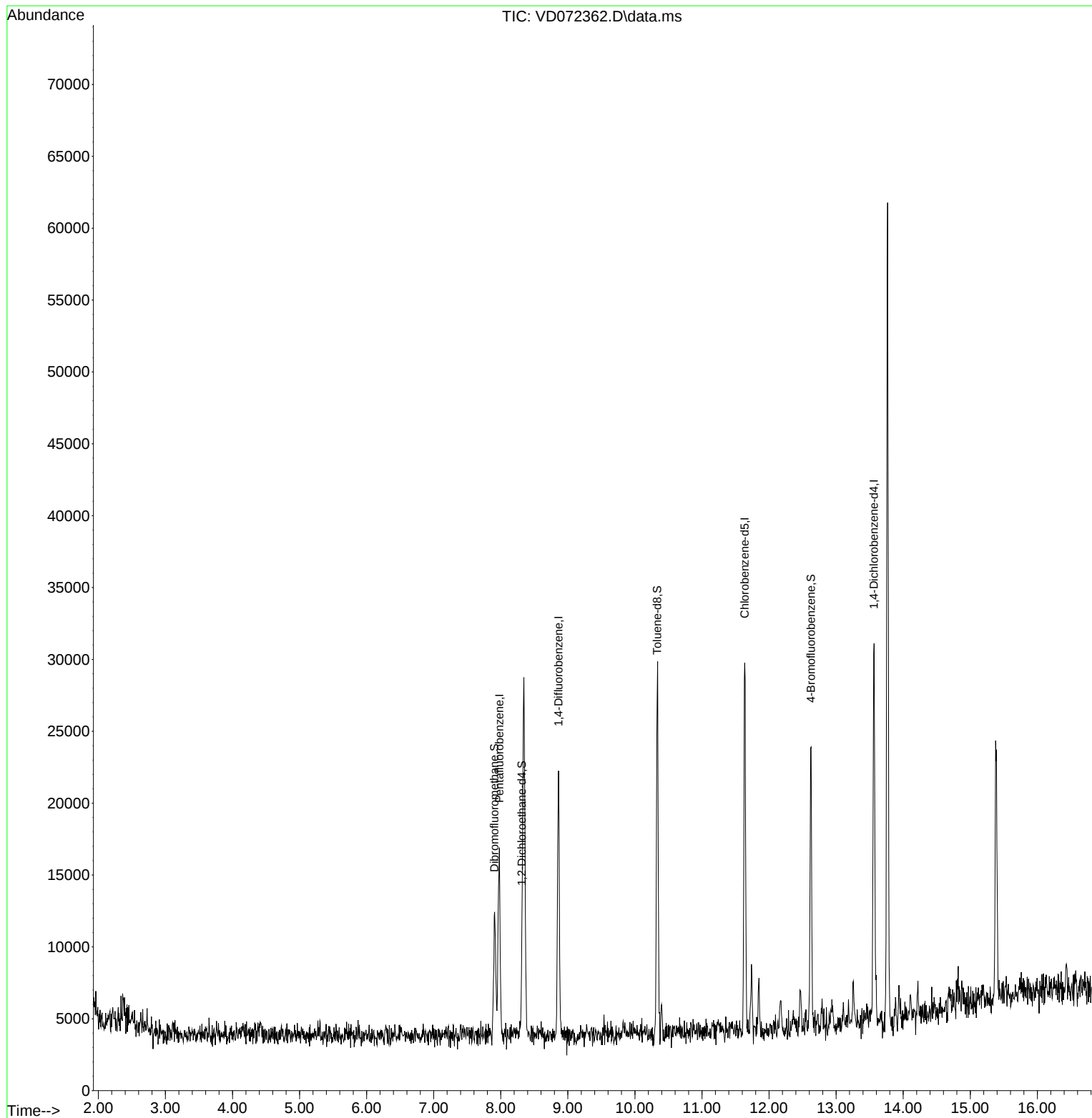
Target Compounds	Qvalue

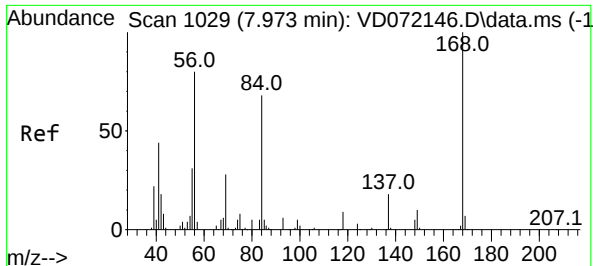
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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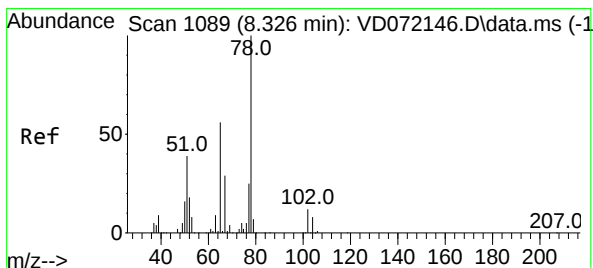
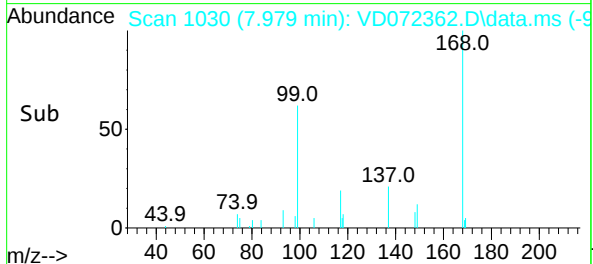
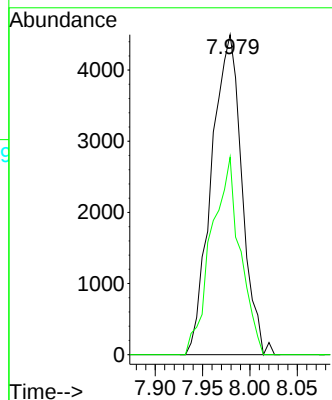
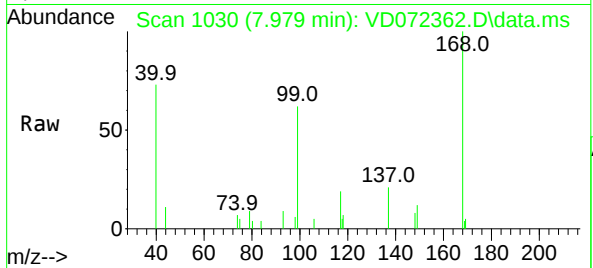




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072362.D
Acq: 22 Mar 2022 14:39

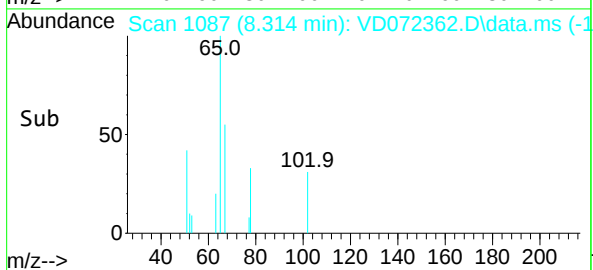
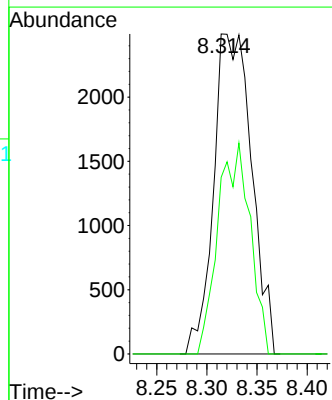
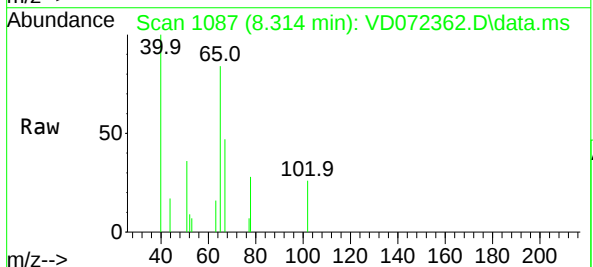
Instrument :
MSVOA_D
ClientSampleId :
G-2-11-23-24

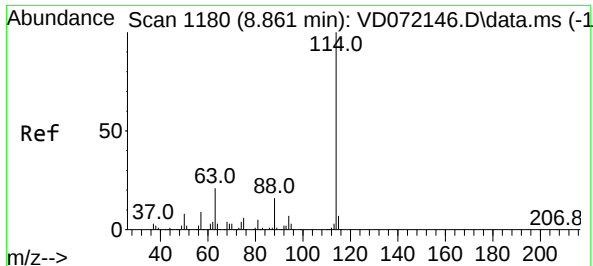
Tgt Ion:168 Resp: 10064
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 58.587 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD072362.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 65 Resp: 6571
Ion Ratio Lower Upper
65 100
67 55.6 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: VD072362.D

Acq: 22 Mar 2022 14:39

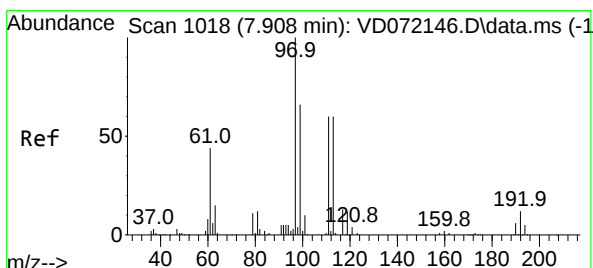
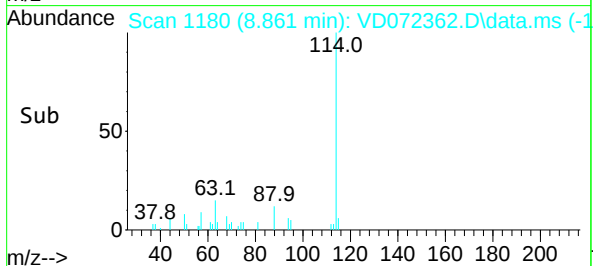
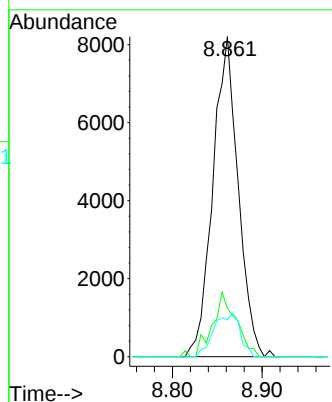
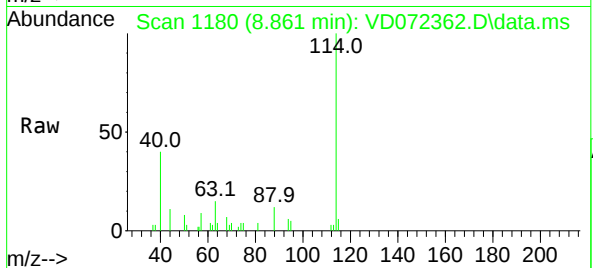
Instrument :

MSVOA_D

ClientSampleId :

G-2-11-23-24

Tgt Ion:	114	Resp:	16056
Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	46.6
88	11.5	0.0	33.2



#35

Dibromofluoromethane

Concen: 53.803 ug/l

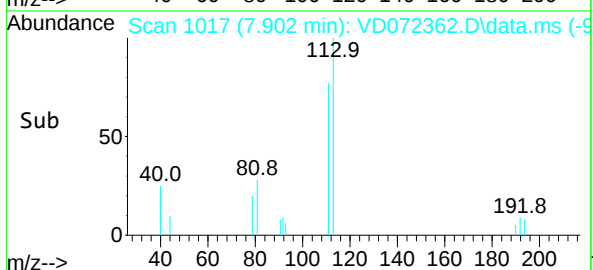
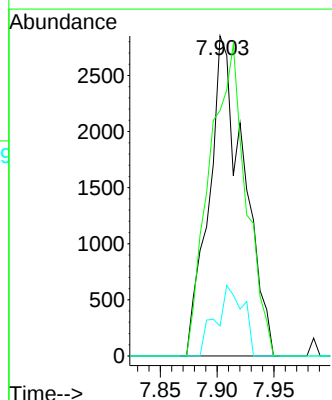
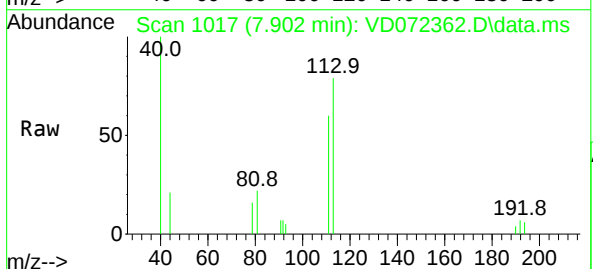
RT: 7.902 min Scan# 1017

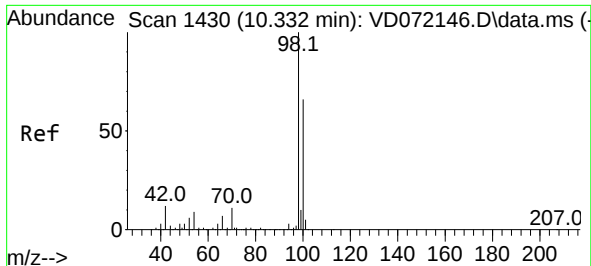
Delta R.T. -0.006 min

Lab File: VD072362.D

Acq: 22 Mar 2022 14:39

Tgt Ion:	113	Resp:	6079
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	17.3	14.6	21.8

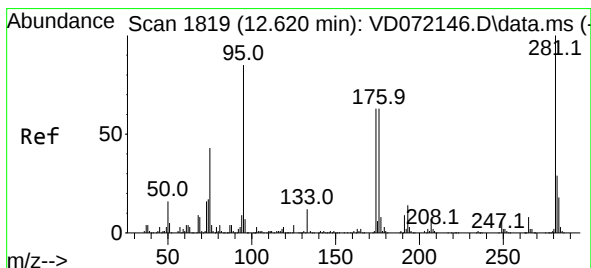
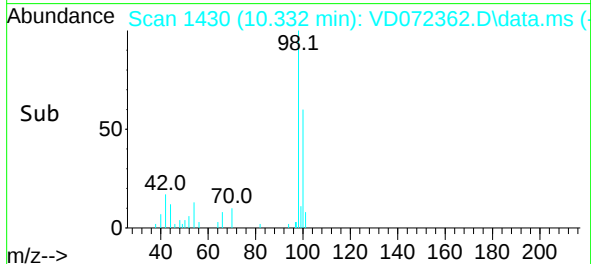
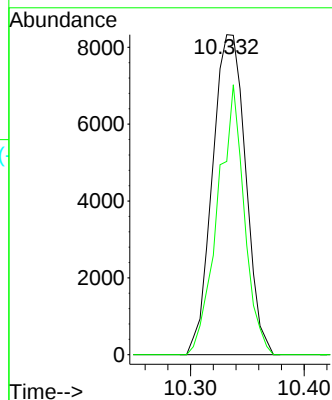
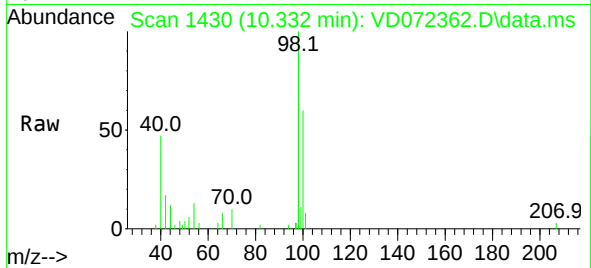




#50
Toluene-d8
Concen: 40.928 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072362.D
Acq: 22 Mar 2022 14:39

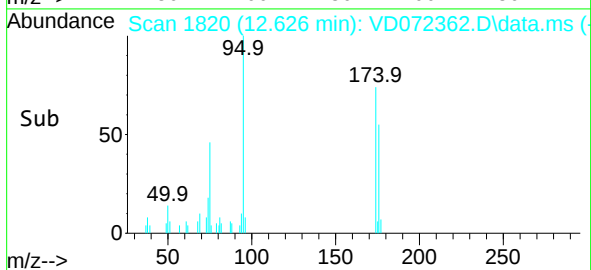
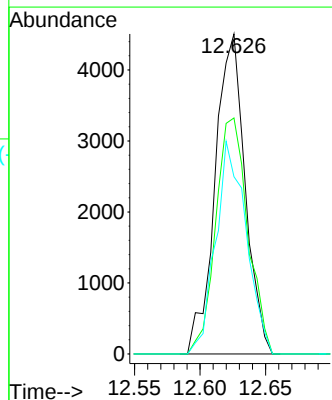
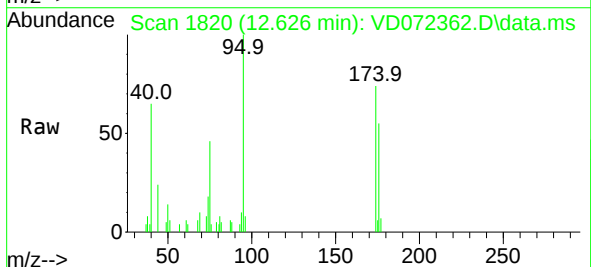
Instrument :
MSVOA_D
ClientSampleId :
G-2-11-23-24

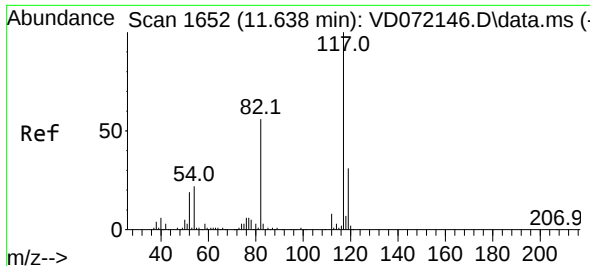
Tgt Ion: 98 Resp: 16909
Ion Ratio Lower Upper
98 100
100 67.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.703 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072362.D
Acq: 22 Mar 2022 14:39

Tgt Ion: 95 Resp: 7176
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.8
176 67.5 0.0 145.4

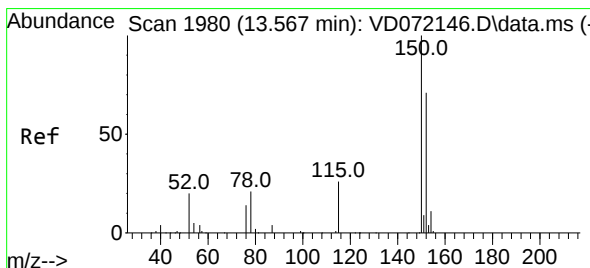
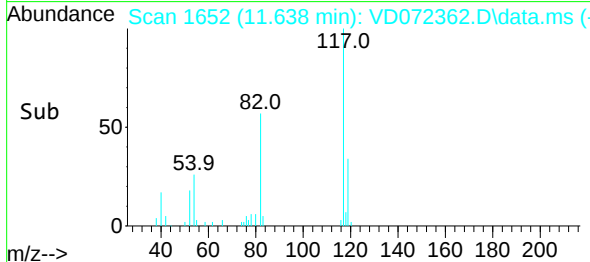
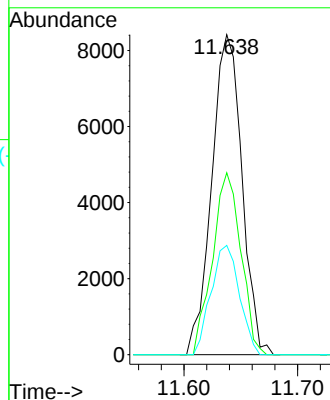
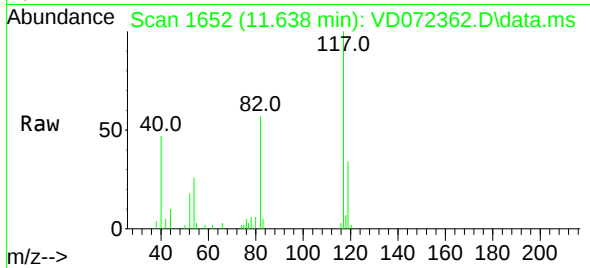




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072362.D
Acq: 22 Mar 2022 14:39

Instrument :
MSVOA_D
ClientSampleId :
G-2-11-23-24

Tgt Ion:117	Resp:	15530
Ion	Ratio	Lower Upper
117	100	
82	56.9	45.3 67.9
119	34.1	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: VD072362.D
Acq: 22 Mar 2022 14:39

Tgt Ion:152	Resp:	7215
Ion	Ratio	Lower Upper
152	100	
115	69.2	31.3 93.8
150	156.0	0.0 348.6

