

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072337.D
 Acq On : 21 Mar 2022 13:45
 Operator : VA/SY
 Sample : N1949-05
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH1-031422-5-6

Quant Time: Mar 22 02:11:17 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	13895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	22374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	12782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10811	69.815	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.640%
35) Dibromofluoromethane	7.909	113	9458	60.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.140%
50) Toluene-d8	10.338	98	27070	47.020	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.626	95	11873	53.077	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.160%

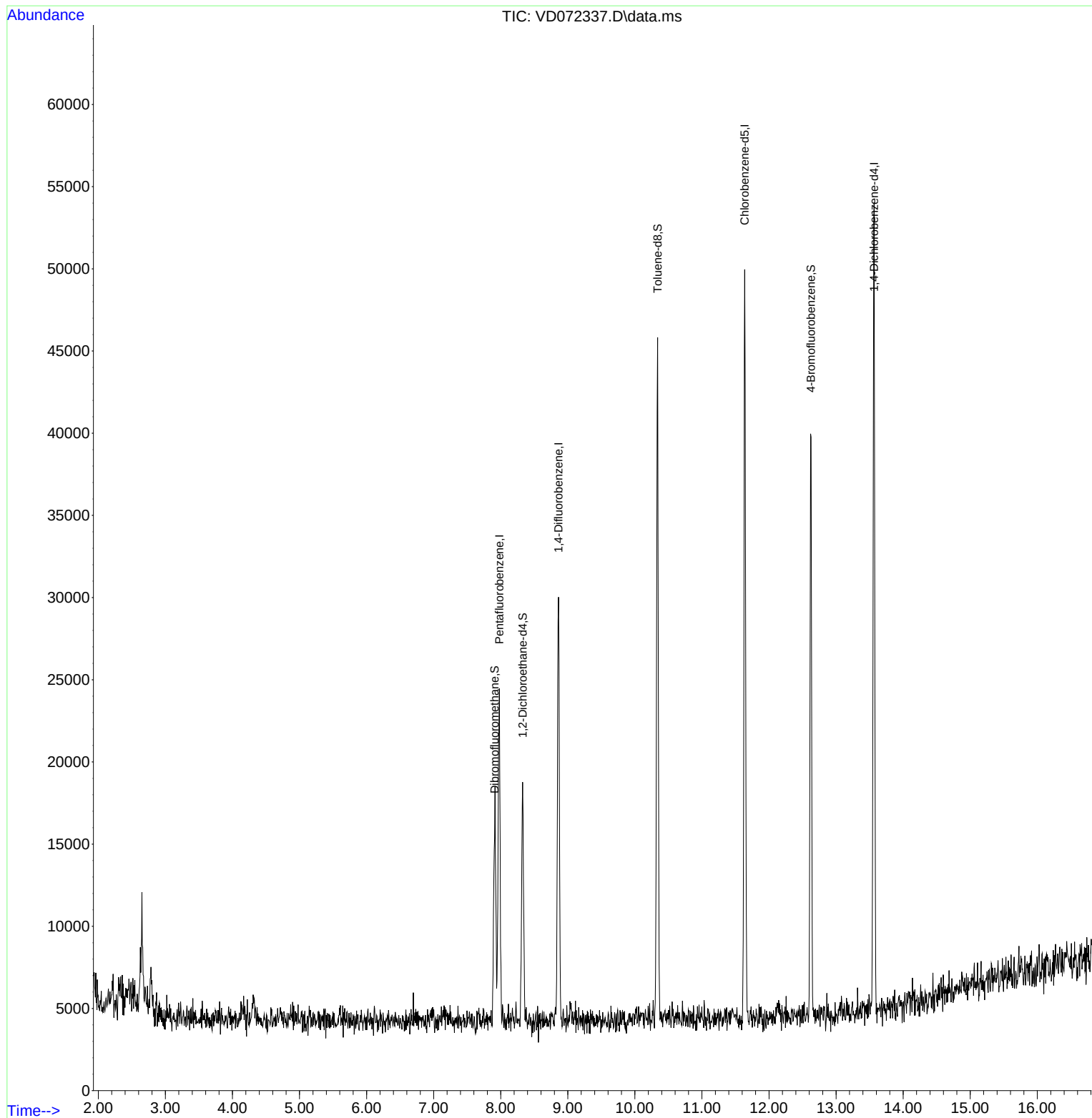
Target Compounds	Qvalue

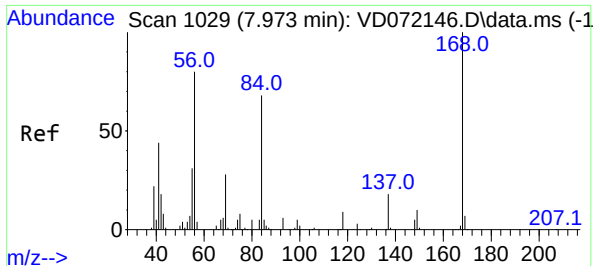
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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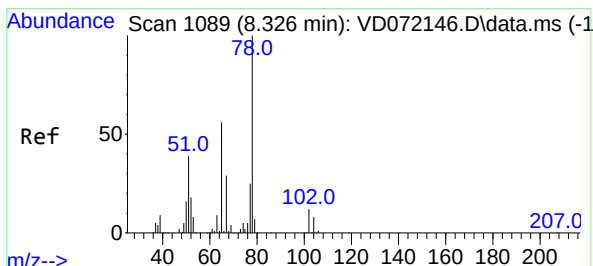
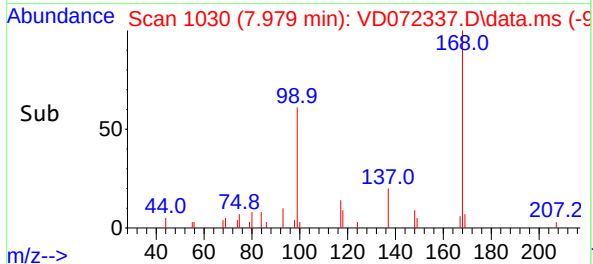
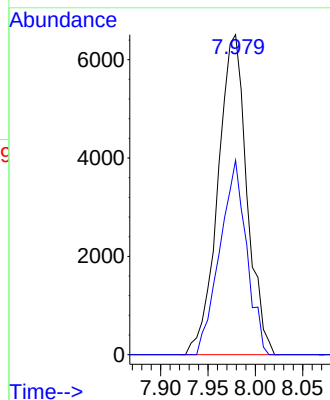
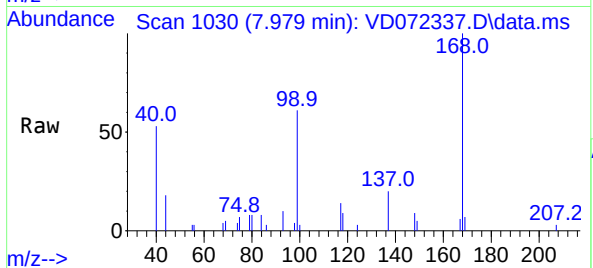




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

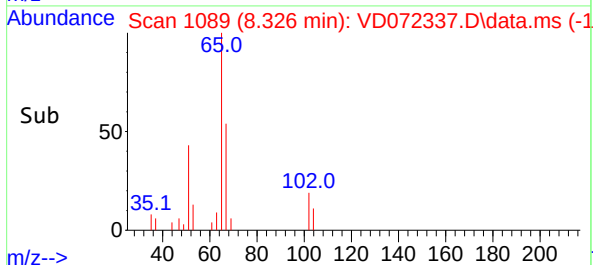
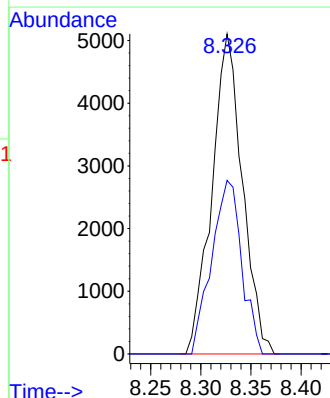
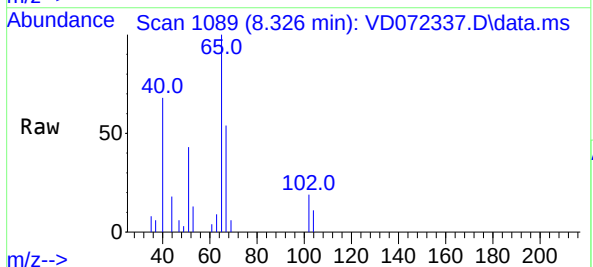
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

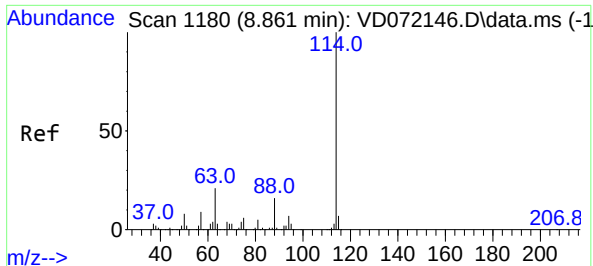
Tgt Ion:168 Resp: 13895
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 69.815 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 65 Resp: 10811
Ion Ratio Lower Upper
65 100
67 53.5 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: VD072337.D

Acq: 21 Mar 2022 13:45

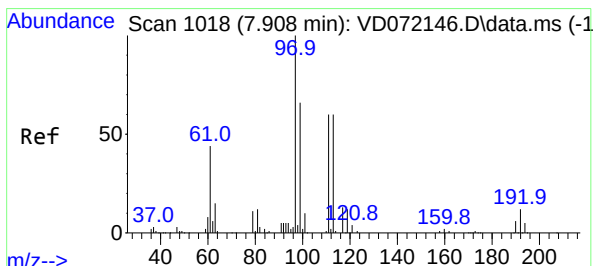
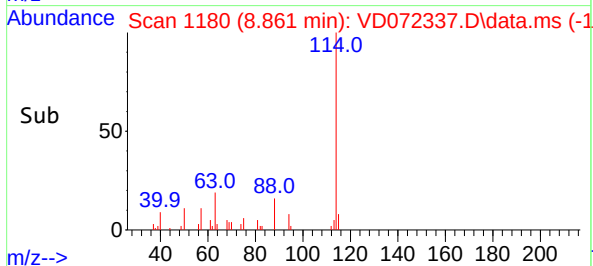
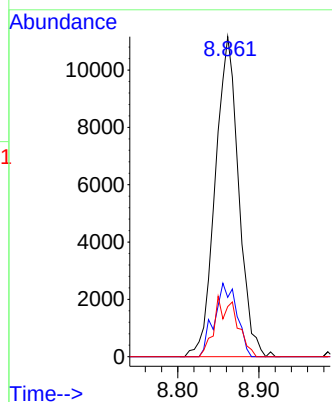
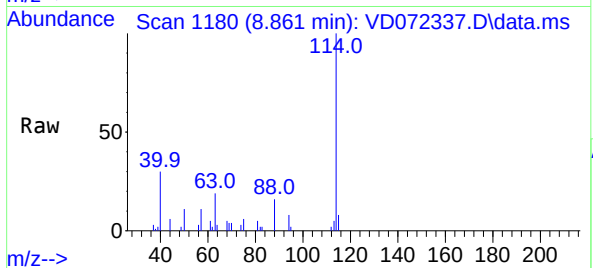
Instrument :

MSVOA_D

ClientSampleId :

CP-BH1-031422-5-6

Tgt Ion:114	Resp:	22374
Ion Ratio	Lower	Upper
114	100	
63	18.5	0.0 46.6
88	15.7	0.0 33.2



#35

Dibromofluoromethane

Concen: 60.071 ug/l

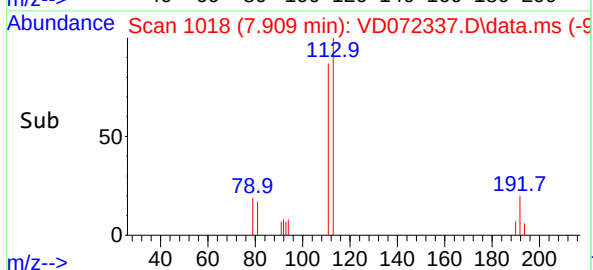
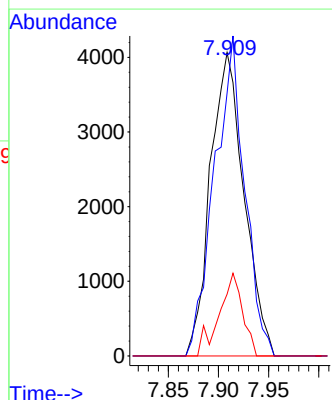
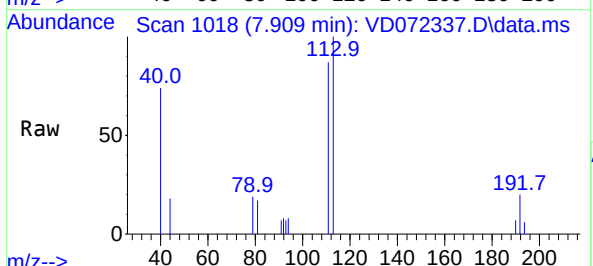
RT: 7.909 min Scan# 1018

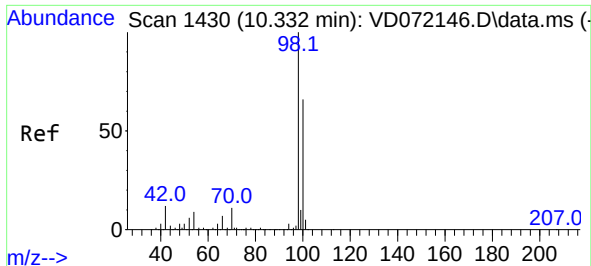
Delta R.T. 0.000 min

Lab File: VD072337.D

Acq: 21 Mar 2022 13:45

Tgt Ion:113	Resp:	9458
Ion Ratio	Lower	Upper
113	100	
111	94.7	83.8 125.6
192	19.0	14.6 21.8

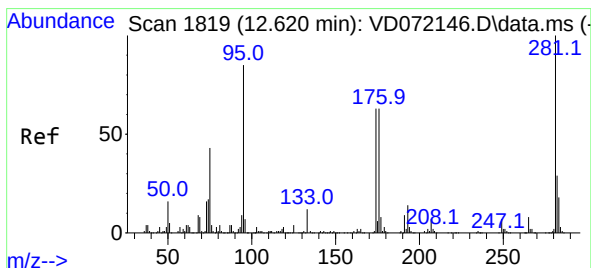
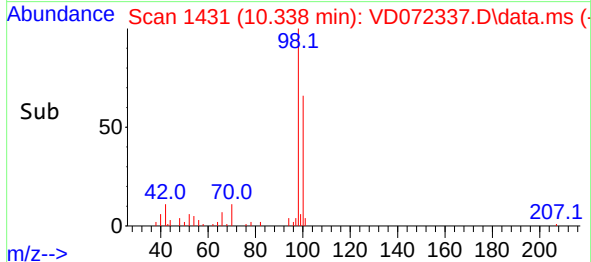
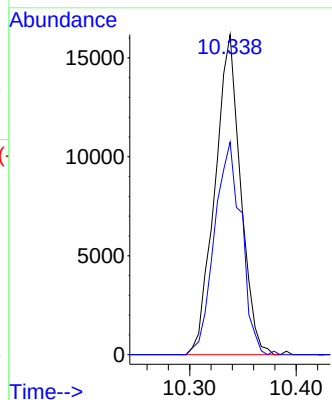
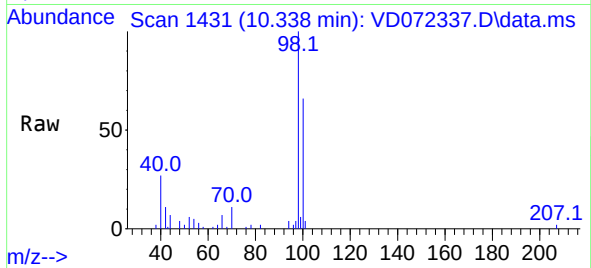




#50
Toluene-d8
Concen: 47.020 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

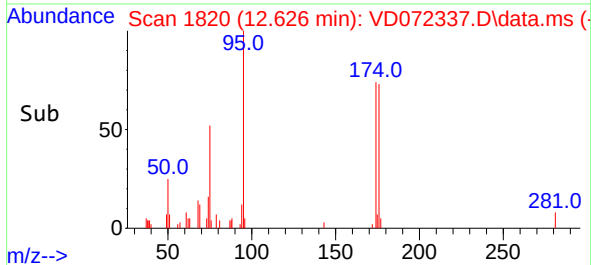
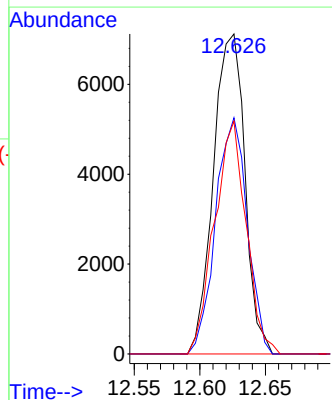
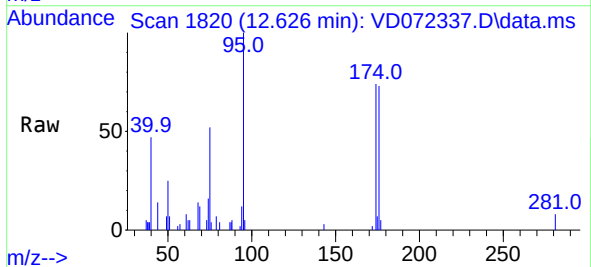
Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

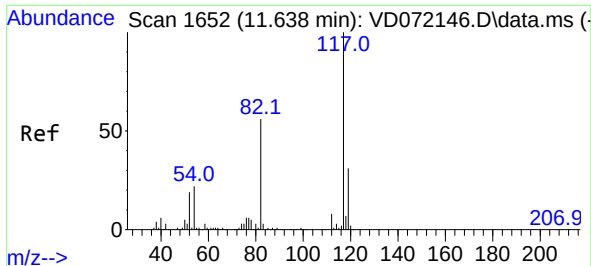
Tgt Ion: 98 Resp: 27070
Ion Ratio Lower Upper
98 100
100 70.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.077 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion: 95 Resp: 11873
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 73.3 0.0 145.4

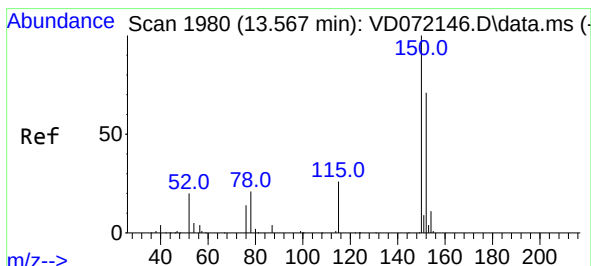
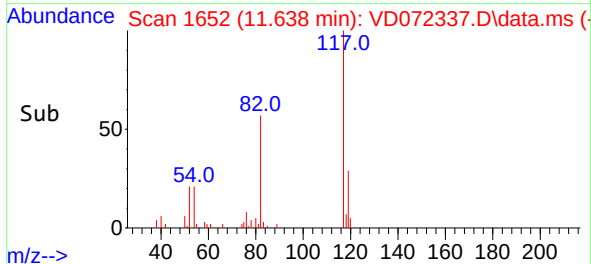
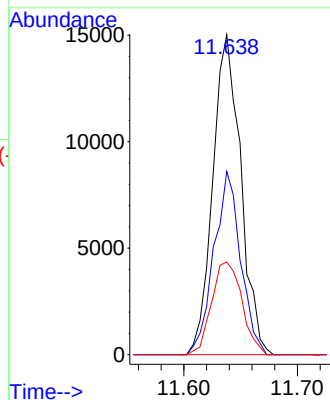
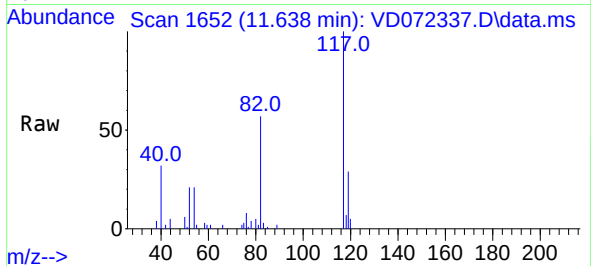




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072337.D
Acq: 21 Mar 2022 13:45

Instrument :
MSVOA_D
ClientSampleId :
CP-BH1-031422-5-6

Tgt Ion:	117	Resp:	25668
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.3	67.9
119	29.0	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: VD072337.D
Acq: 21 Mar 2022 13:45

Tgt Ion:	152	Resp:	12782
Ion Ratio	Lower	Upper	
152	100		
115	68.4	31.3	93.8
150	163.9	0.0	348.6

