

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070190.D
 Acq On : 20 Aug 2021 03:45
 Operator : VA/SY
 Sample : M3449-10
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4

Quant Time: Aug 20 05:50:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	24163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	40254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	43117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	16612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21986	77.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.720%
35) Dibromofluoromethane	7.914	113	16839	64.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.500%
50) Toluene-d8	10.338	98	52171	51.577	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.626	95	15964	47.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.840%

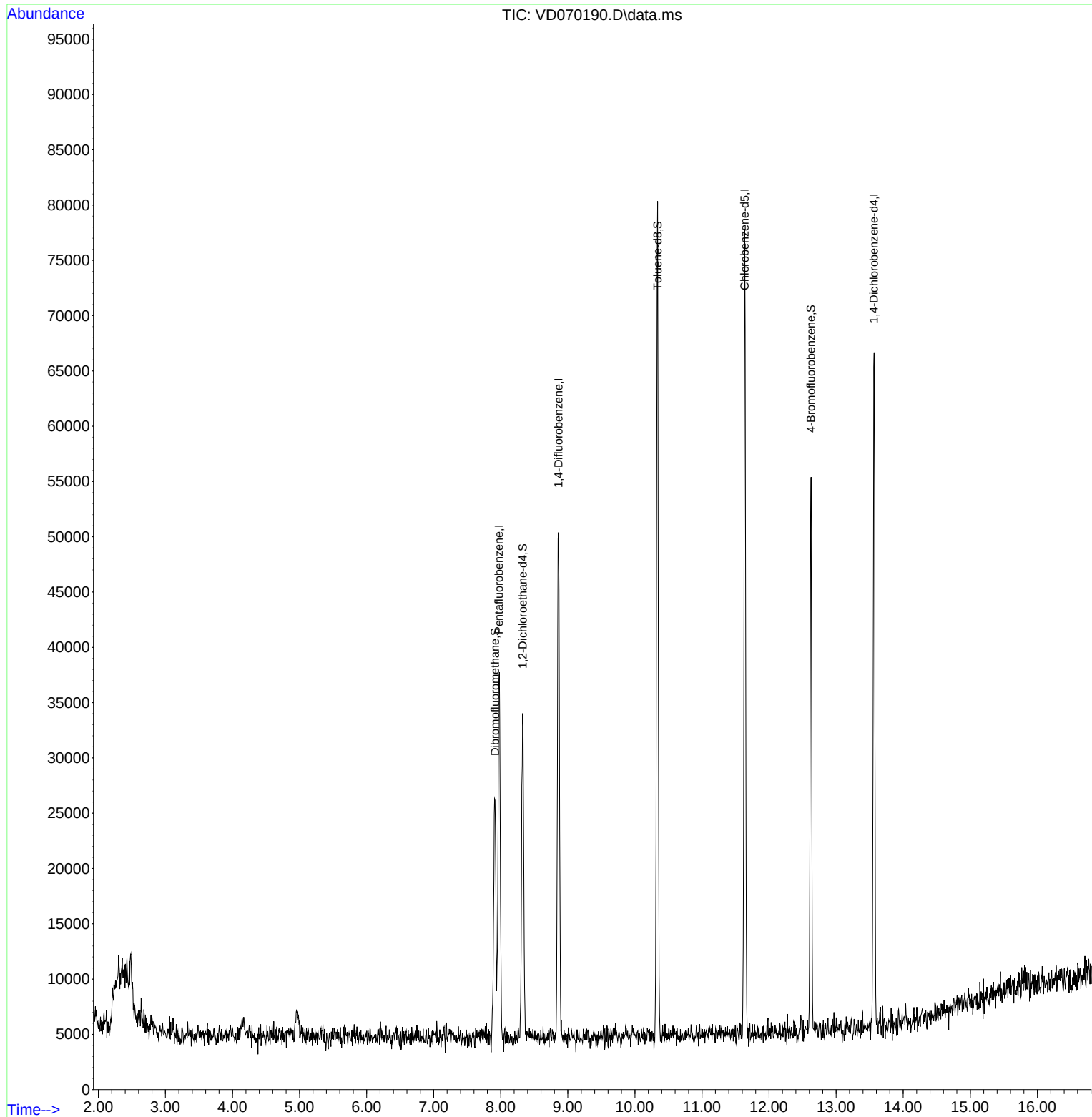
Target Compounds	Qvalue

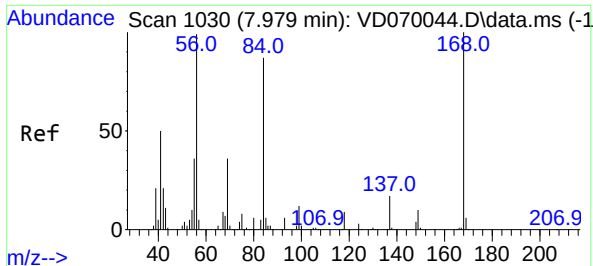
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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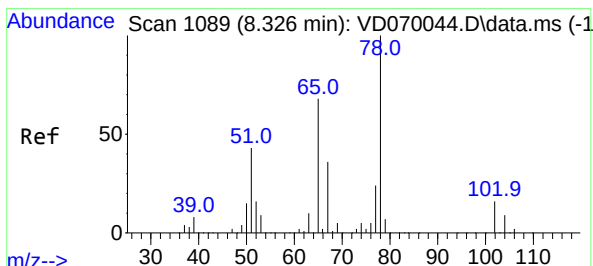
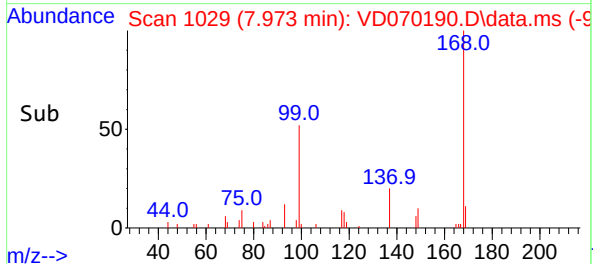
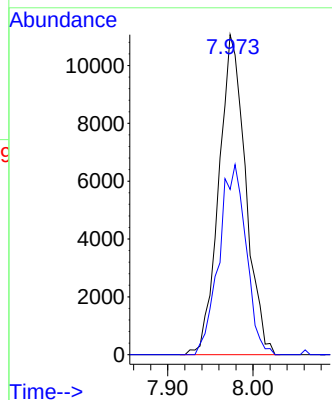
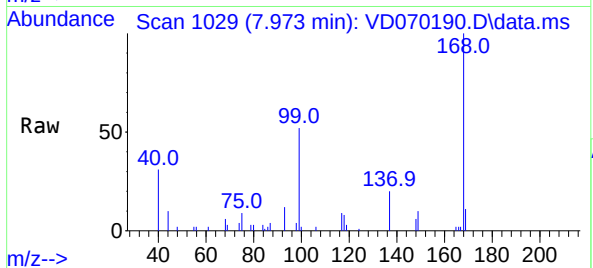




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

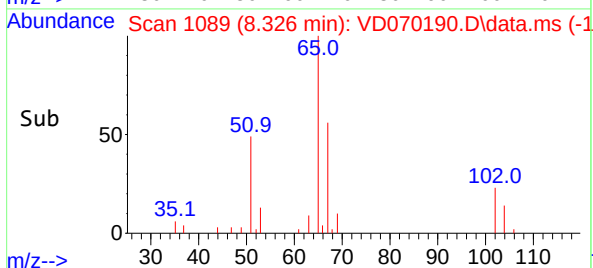
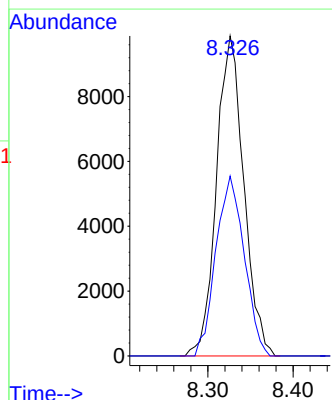
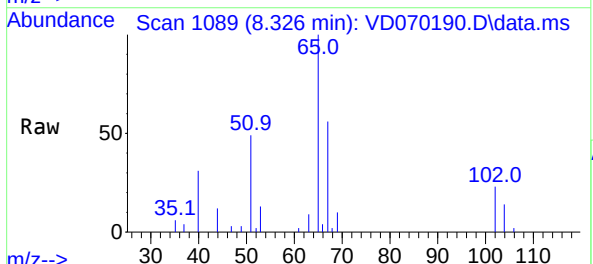
Instrument :
MSVOA_D
ClientSampled :
TP4

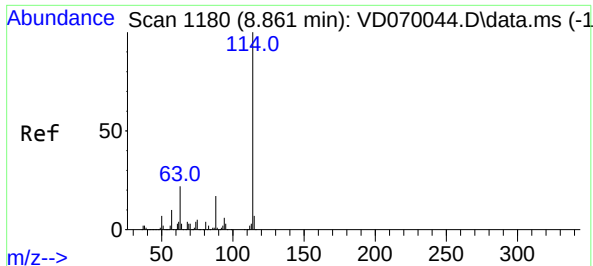
Tgt Ion:168 Resp: 24163
Ion Ratio Lower Upper
168 100
99 51.6 50.3 75.5



1,2-Dichloroethane-d4
Concen: 77.362 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Tgt Ion: 65 Resp: 21986
Ion Ratio Lower Upper
65 100
67 58.3 0.0 107.8



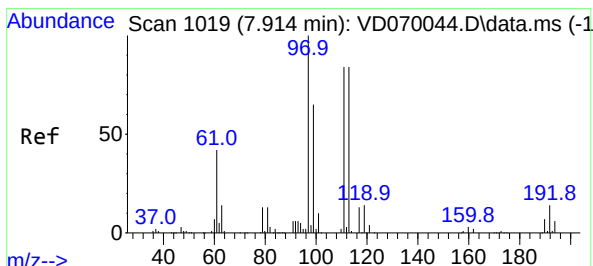
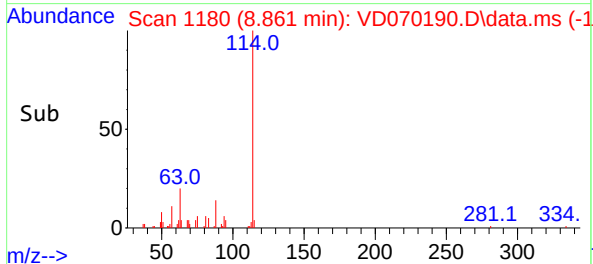
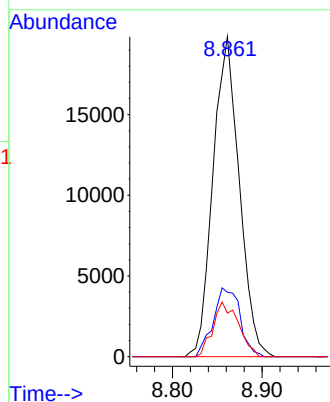
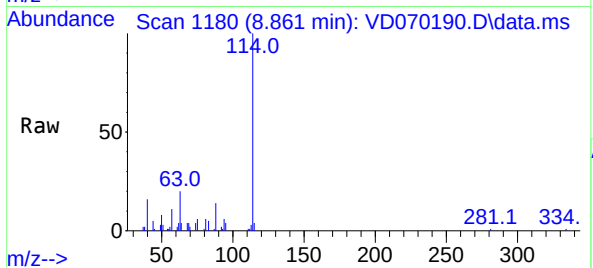


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Instrument :
MSVOA_D
ClientSampled :
TP4

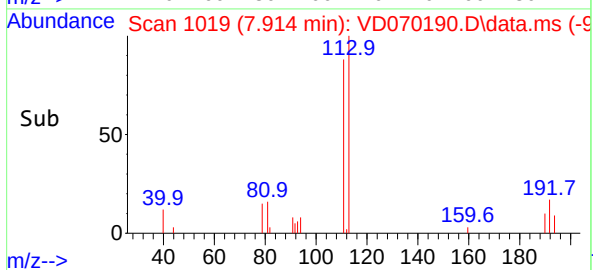
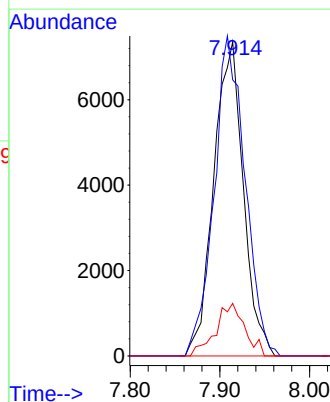
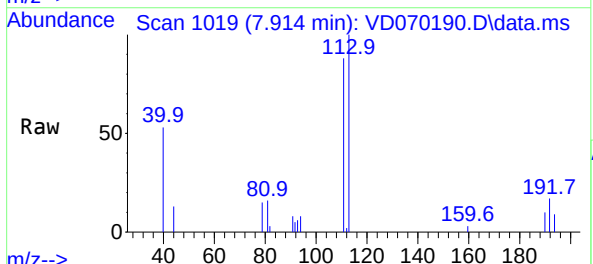
Tgt Ion:	114	Resp:	40254
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	43.6
88	13.6	0.0	33.4

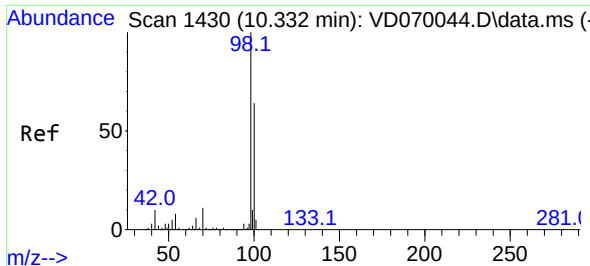


#35

Dibromofluoromethane
Concen: 64.749 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Tgt Ion:	113	Resp:	16839
Ion Ratio	Lower	Upper	
113	100		
111	106.8	81.8	122.6
192	16.4	13.2	19.8

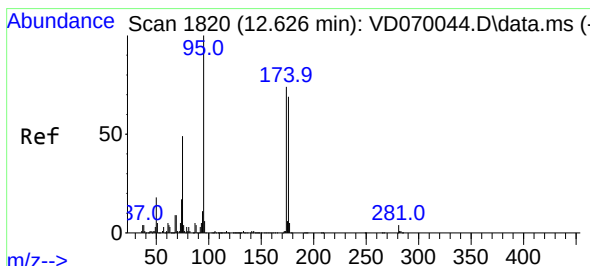
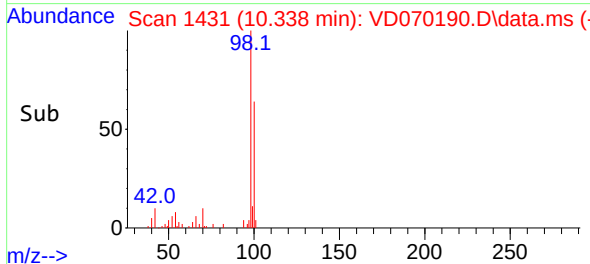
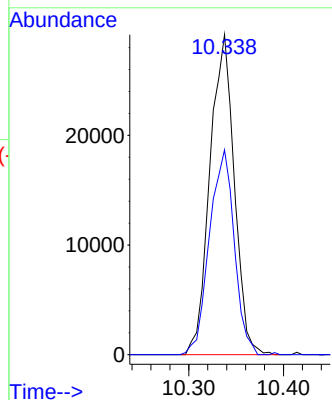
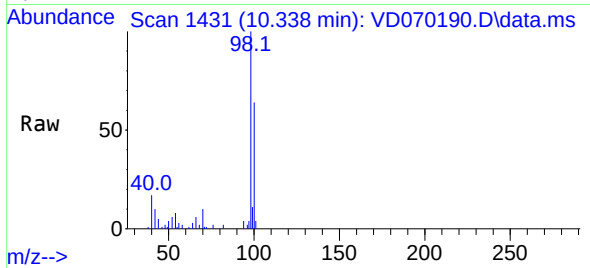




#50
Toluene-d8
Concen: 51.577 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

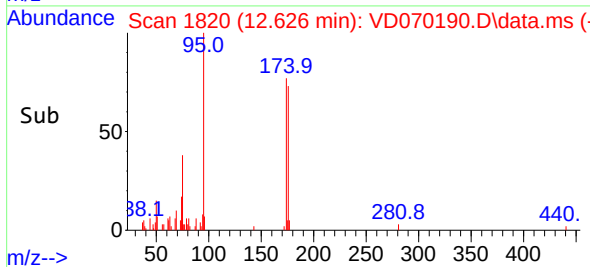
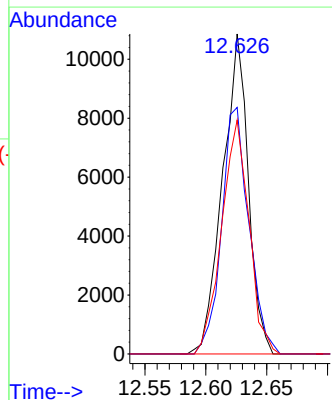
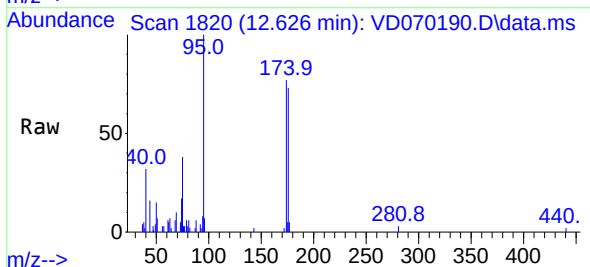
Instrument :
MSVOA_D
ClientSampled :
TP4

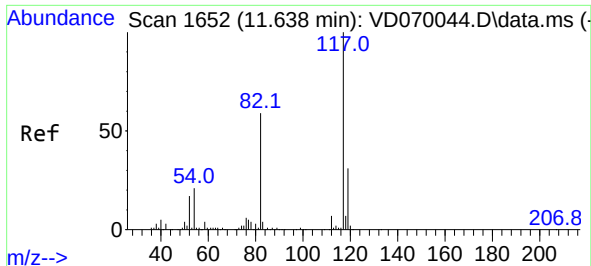
Tgt Ion: 98 Resp: 52171
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.916 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Tgt Ion: 95 Resp: 15964
Ion Ratio Lower Upper
95 100
174 81.7 0.0 141.6
176 77.8 0.0 138.2

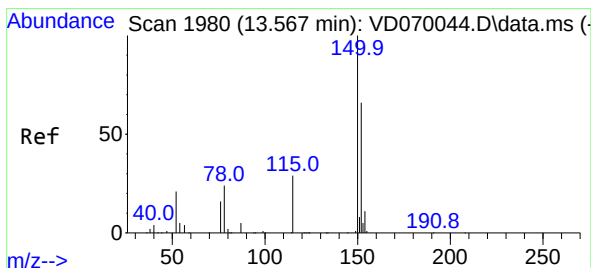
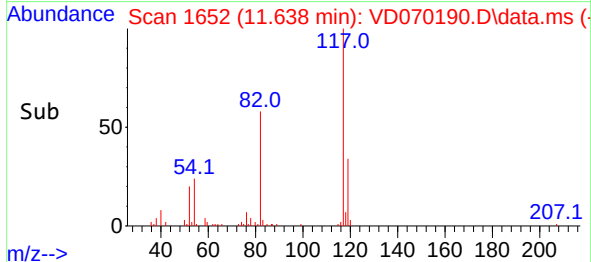
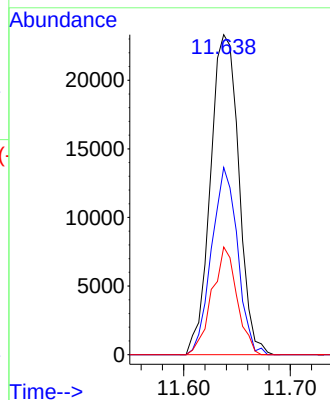
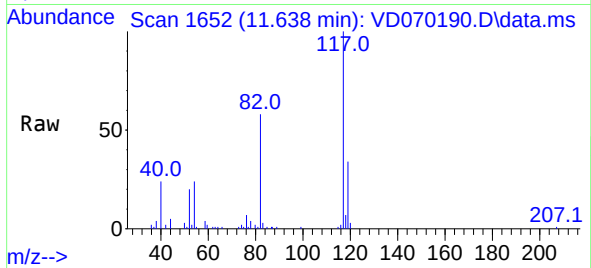




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Instrument :
MSVOA_D
ClientSampled :
TP4

Tgt Ion:	117	Resp:	43117
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.5	71.3
119	33.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070190.D
Acq: 20 Aug 2021 03:45

Tgt Ion:	152	Resp:	16612
Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.2	93.6
150	161.3	0.0	352.0

