

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070114.D
 Acq On : 18 Aug 2021 05:32
 Operator : VA/SY
 Sample : M3441-04
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-5

Quant Time: Aug 18 06:21:01 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	44927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	83104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	88114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	44632	84.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.920%#
35) Dibromofluoromethane	7.914	113	29661	55.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.480%
50) Toluene-d8	10.332	98	103883	49.746	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.626	95	32929	47.874	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.740%

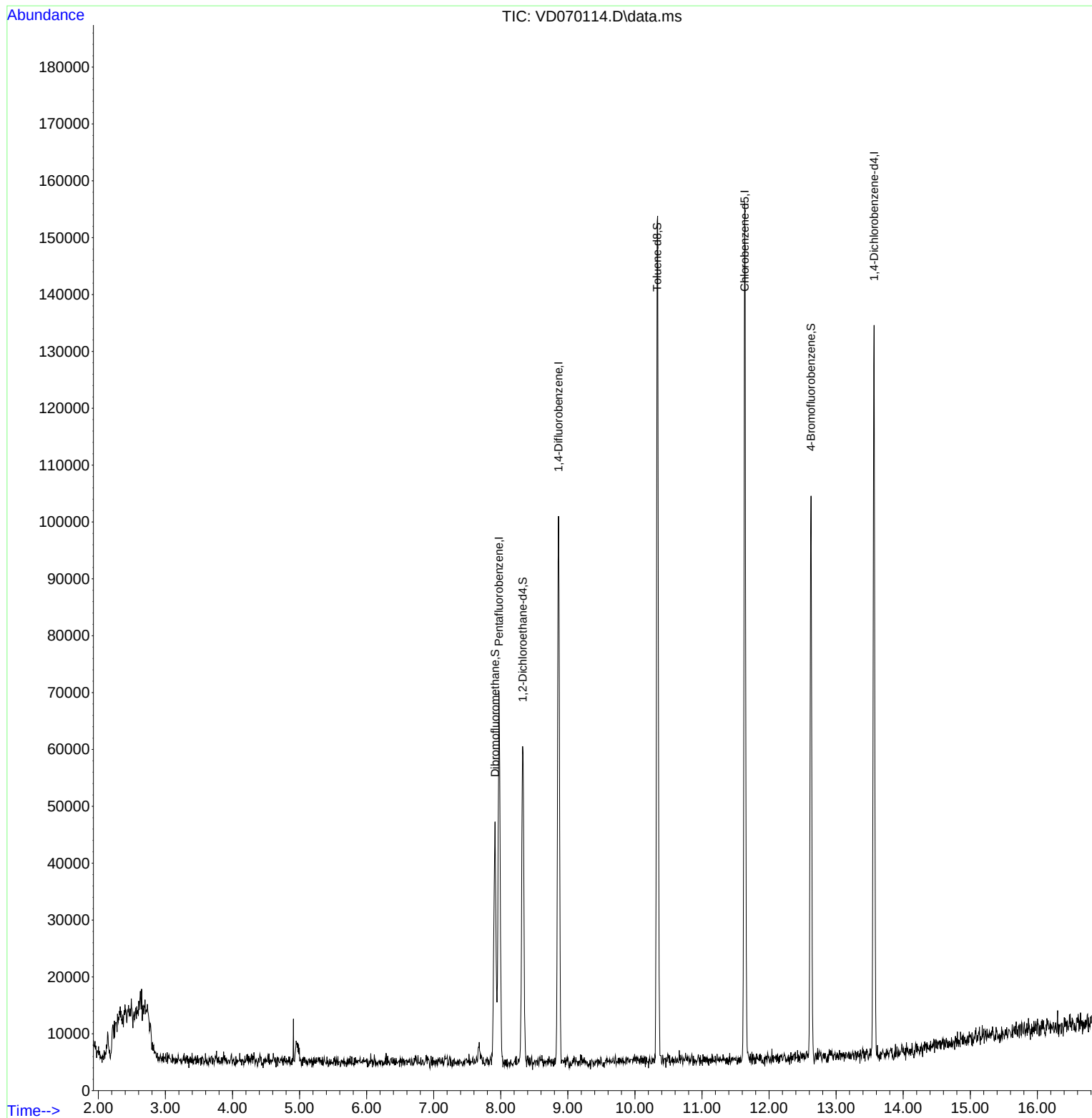
Target Compounds	Qvalue

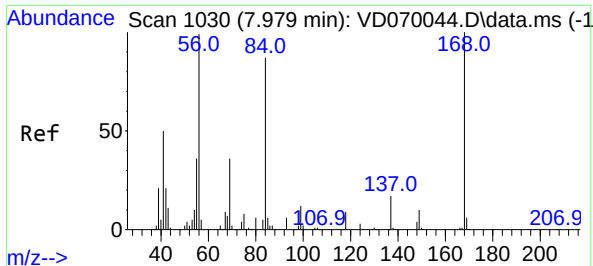
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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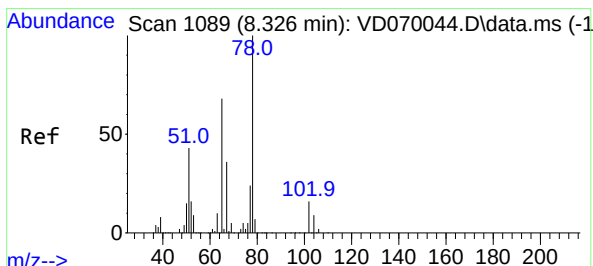
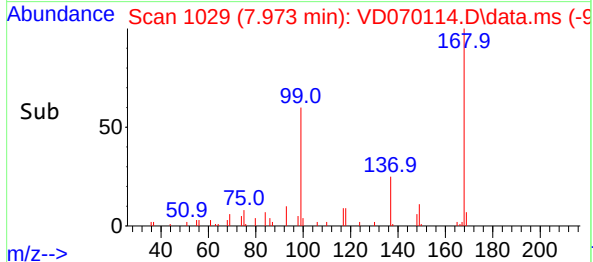
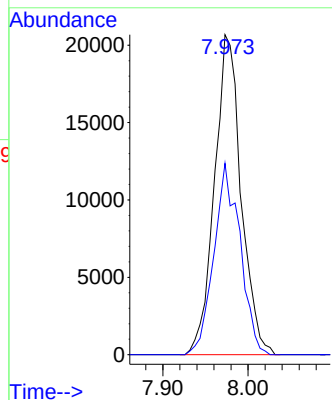
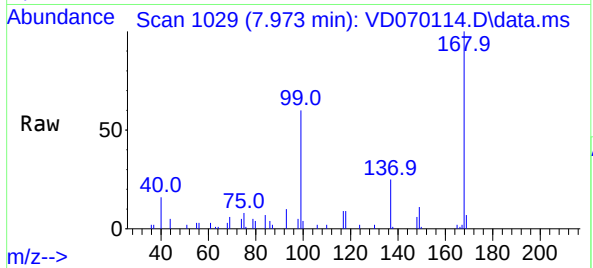




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

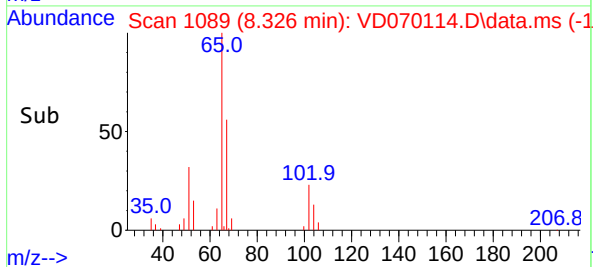
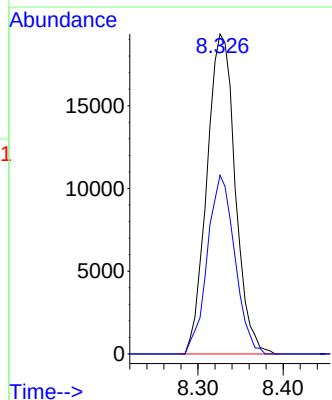
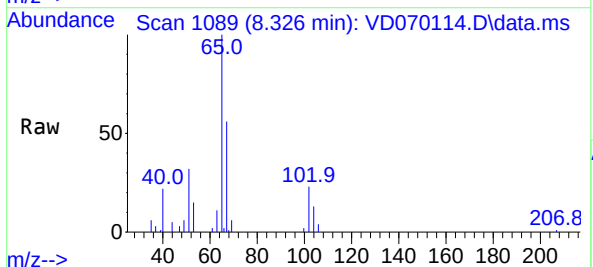
Instrument :
MSVOA_D
ClientSampleId :
WC-5

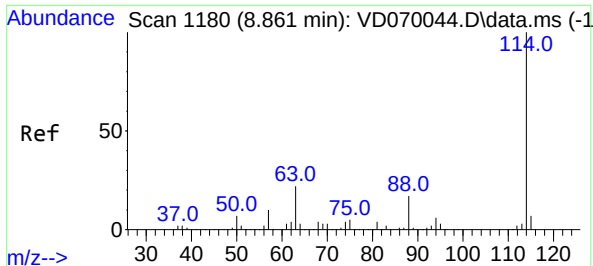
Tgt Ion:168 Resp: 44927
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 84.464 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 65 Resp: 44632
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.8

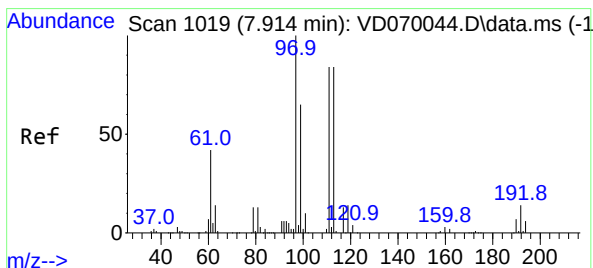
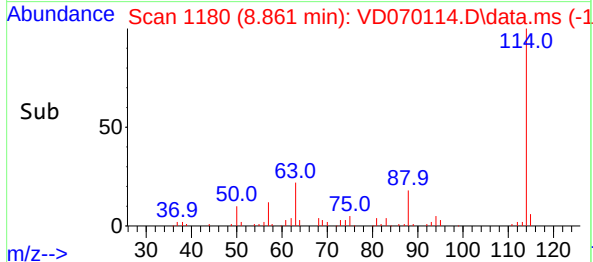
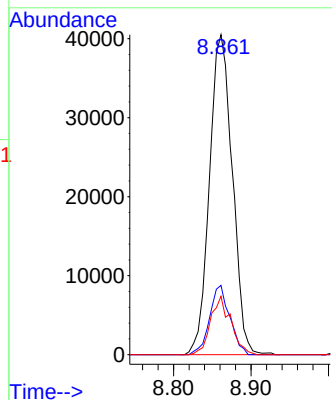
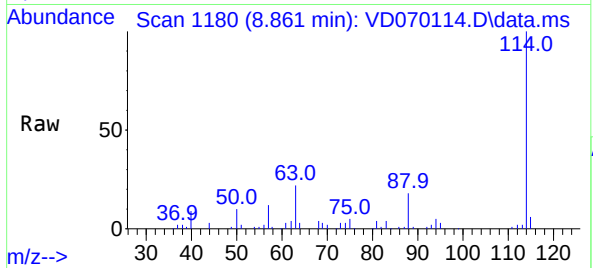




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

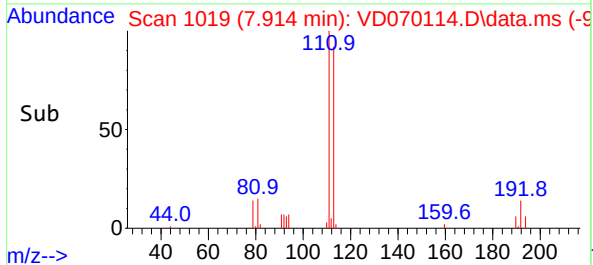
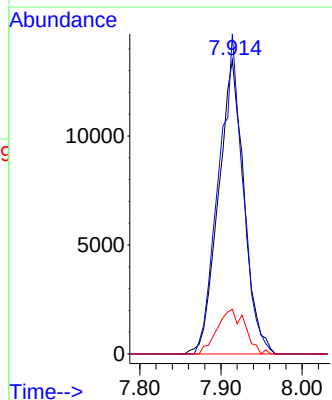
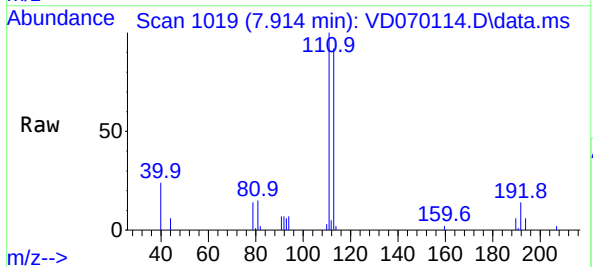
Instrument :
MSVOA_D
ClientSampled :
WC-5

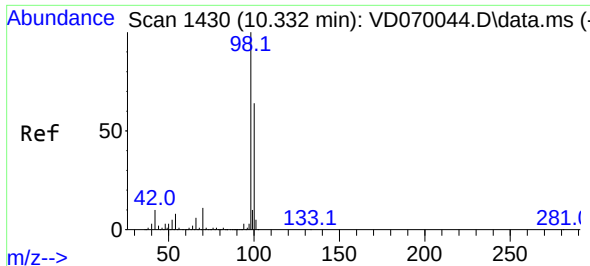
Tgt Ion:114	Resp:	83104
Ion Ratio	Lower	Upper
114	100	
63	21.6	0.0 43.6
88	18.2	0.0 33.4



#35
Dibromofluoromethane
Concen: 55.244 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion:113	Resp:	29661
Ion Ratio	Lower	Upper
113	100	
111	102.4	81.8 122.6
192	16.5	13.2 19.8

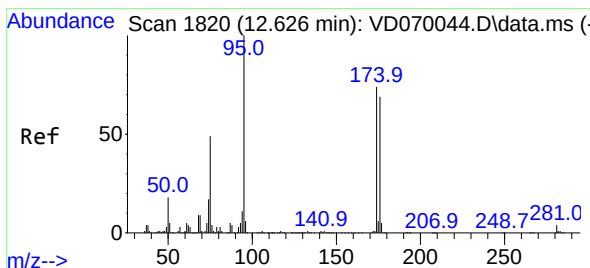
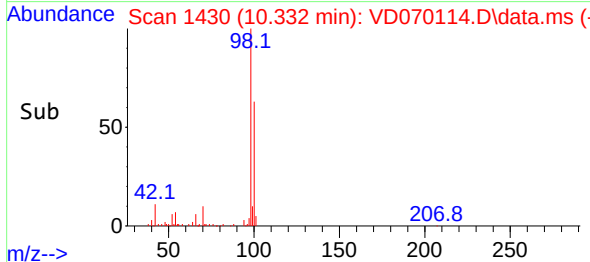
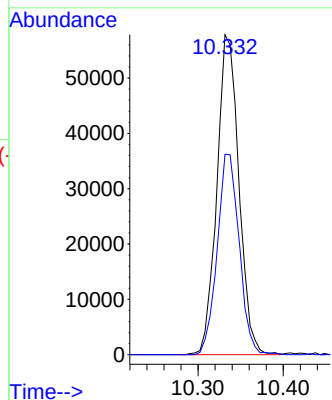
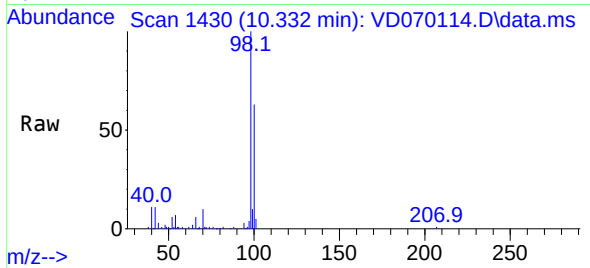




#50
Toluene-d8
Concen: 49.746 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

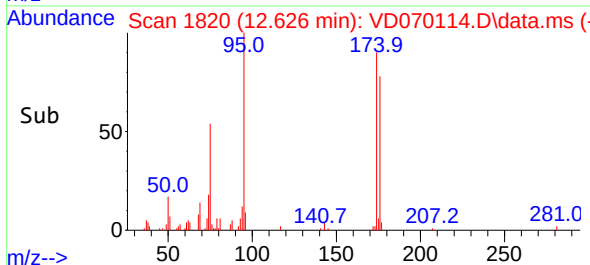
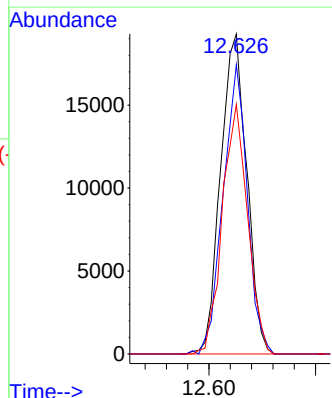
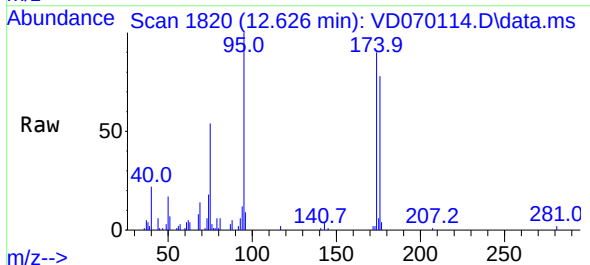
Instrument :
MSVOA_D
ClientSampleId :
WC-5

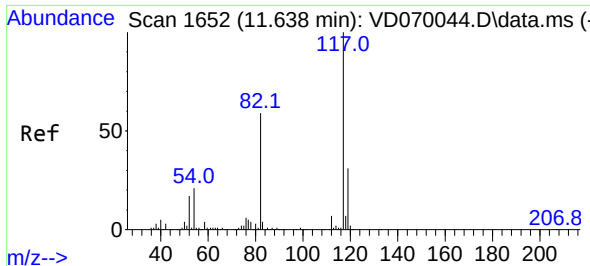
Tgt Ion: 98 Resp: 103883
Ion Ratio Lower Upper
98 100
100 62.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.874 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion: 95 Resp: 32929
Ion Ratio Lower Upper
95 100
174 83.6 0.0 141.6
176 75.1 0.0 138.2

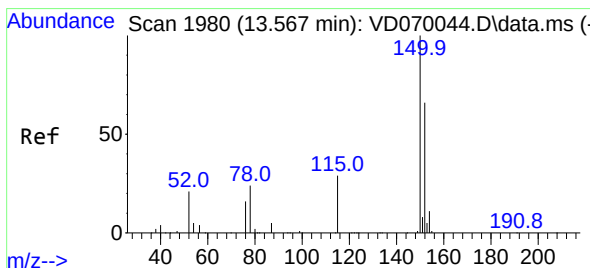
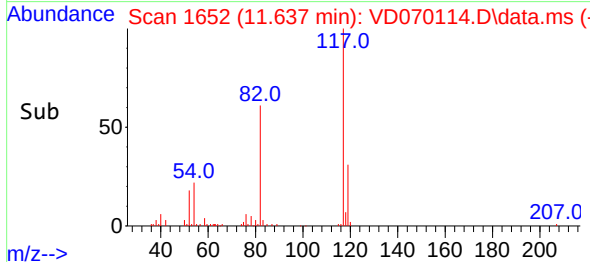
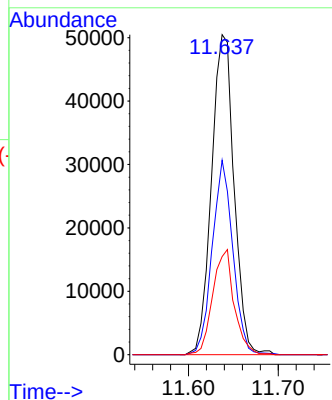
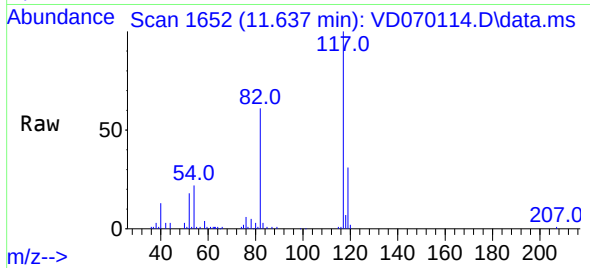




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Instrument :
MSVOA_D
ClientSampleId :
WC-5

Tgt Ion:	117	Resp:	88114
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.5	71.3
119	30.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070114.D
Acq: 18 Aug 2021 05:32

Tgt Ion:	152	Resp:	34501
Ion	Ratio	Lower	Upper
152	100		
115	56.6	31.2	93.6
150	153.4	0.0	352.0

