

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070313.D
 Acq On : 10 Sep 2021 21:34
 Operator : VA/SY
 Sample : M3684-14
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A008015

Quant Time: Sep 11 02:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	253087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	671163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	272904	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216881	66.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.480%
35) Dibromofluoromethane	7.914	113	232665	53.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.338	98	845440	53.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.300%
62) 4-Bromofluorobenzene	12.626	95	288784	52.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.880%

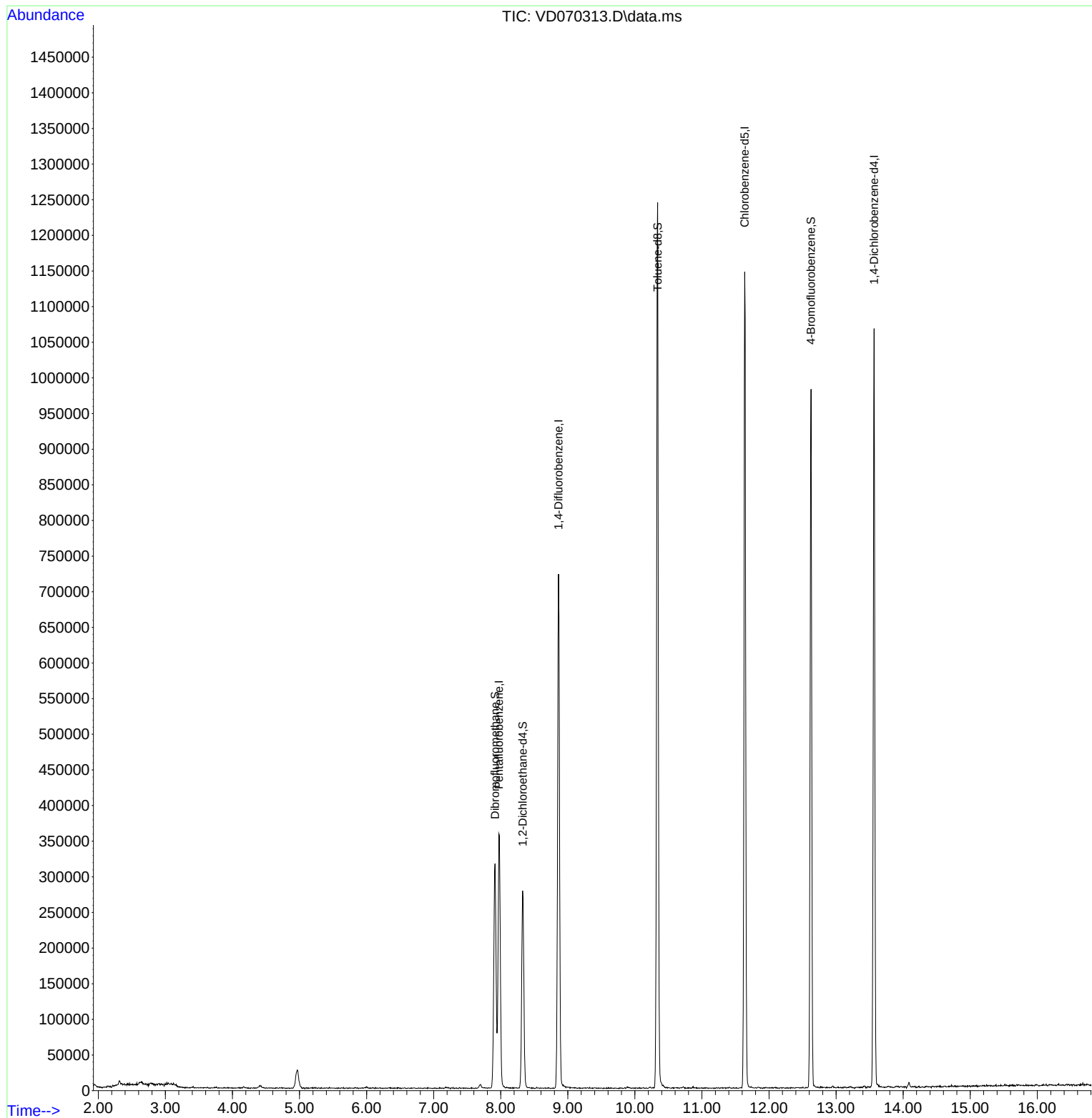
Target Compounds	Qvalue

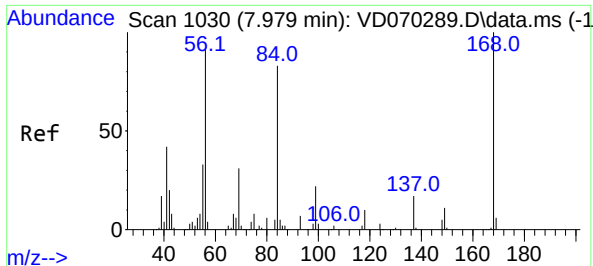
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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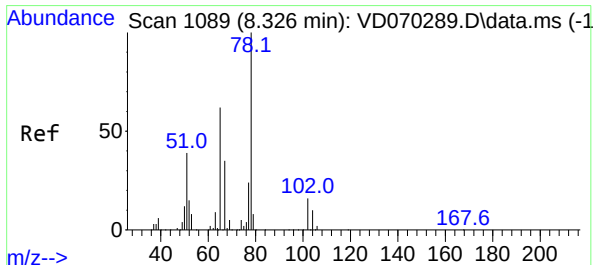
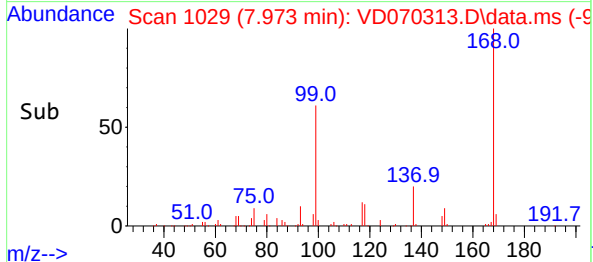
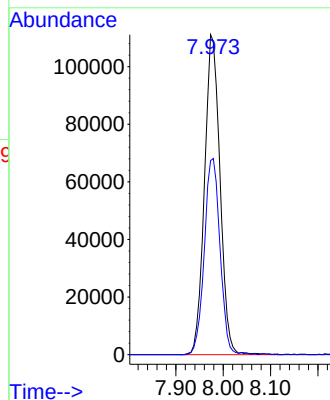
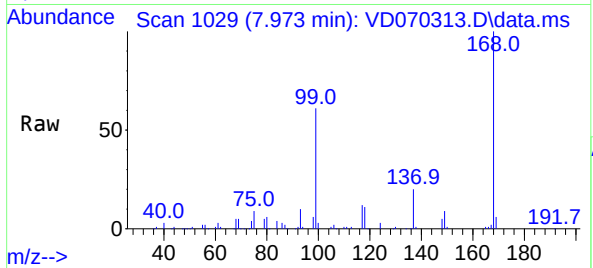




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

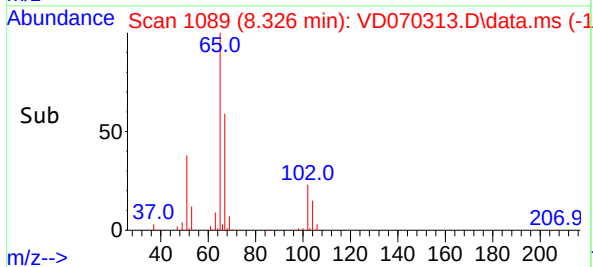
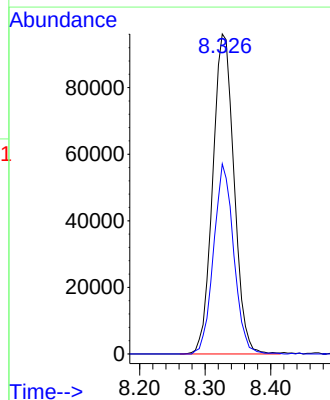
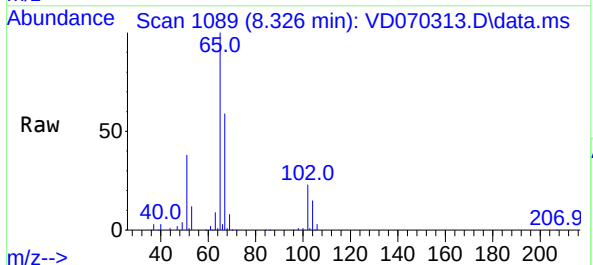
Instrument :
MSVOA_D
ClientSampleId :
A008015

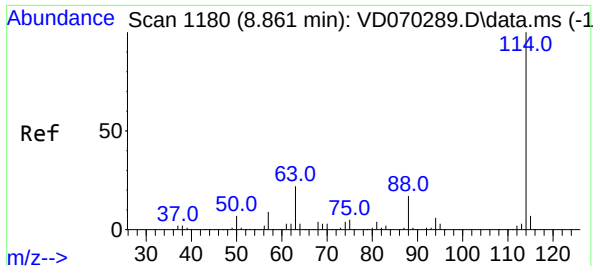
Tgt Ion:168 Resp: 253087
Ion Ratio Lower Upper
168 100
99 60.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 66.739 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 65 Resp: 216881
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.4



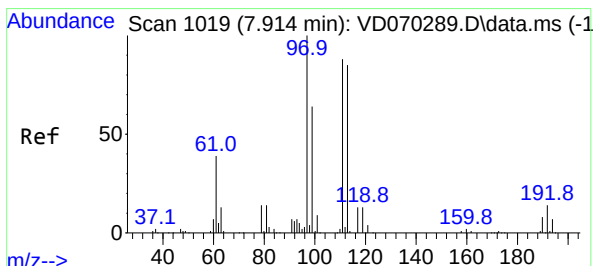
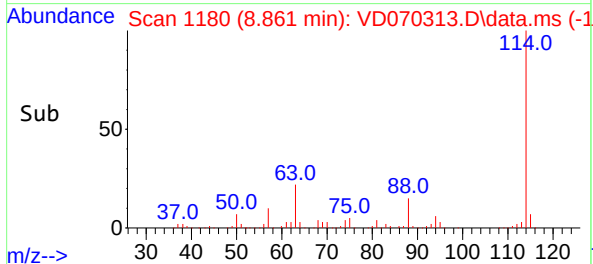
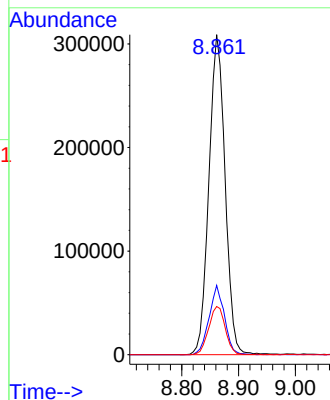
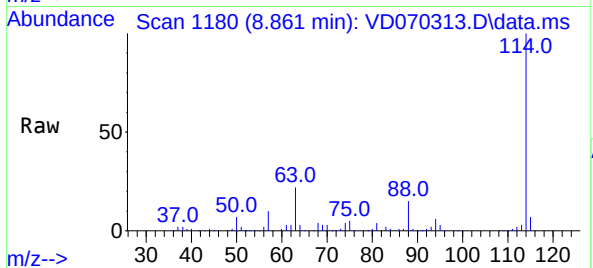


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Instrument :
MSVOA_D
ClientSampleId :
A008015

Tgt Ion:114 Resp: 609703

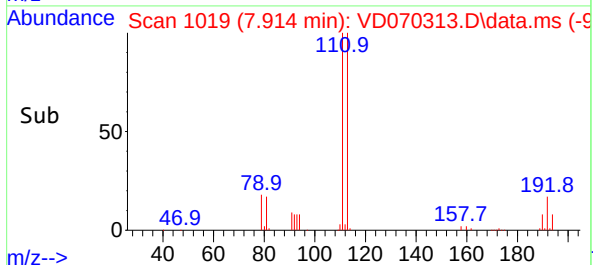
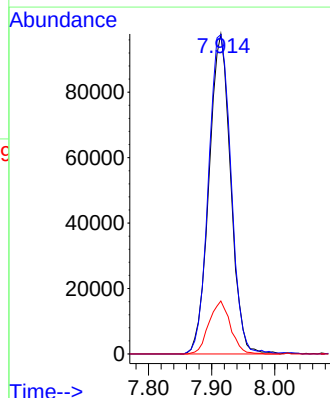
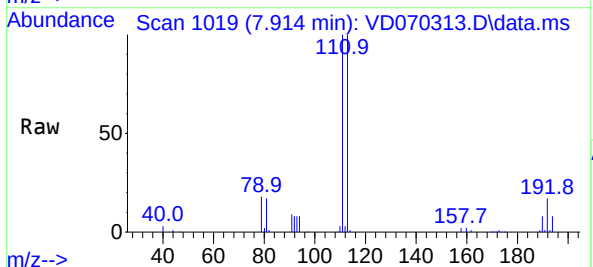
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	15.0	0.0	33.4

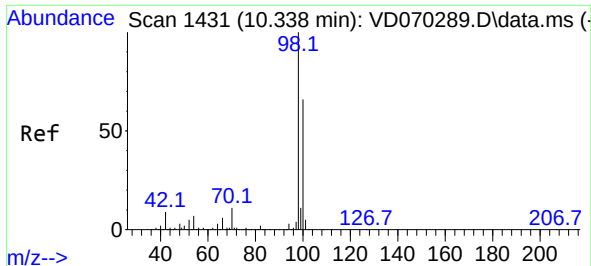


#35
Dibromofluoromethane
Concen: 53.610 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion:113 Resp: 232665

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.2
192	16.4	13.0	19.6

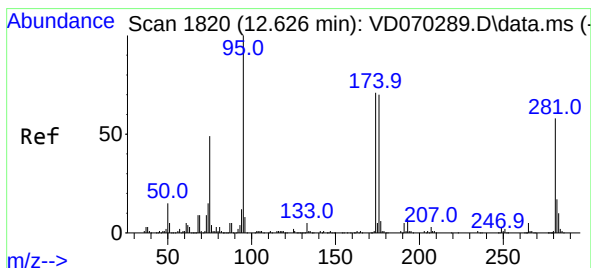
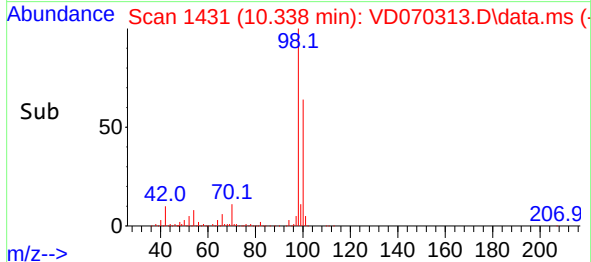
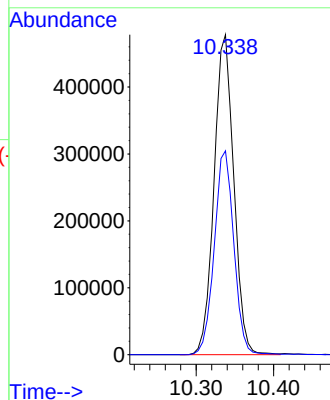
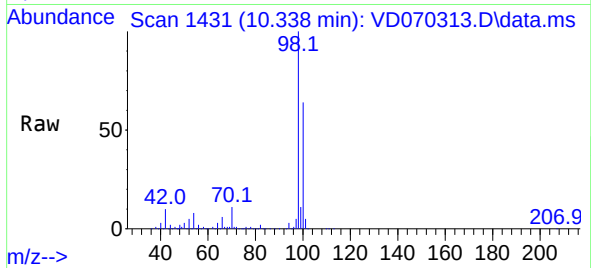




#50
Toluene-d8
Concen: 53.654 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

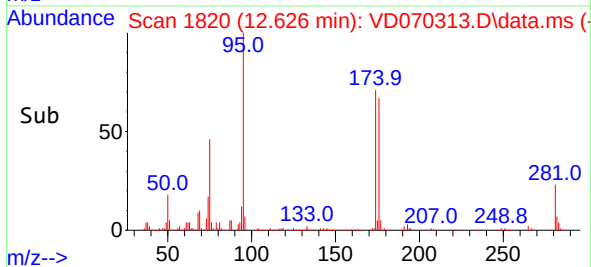
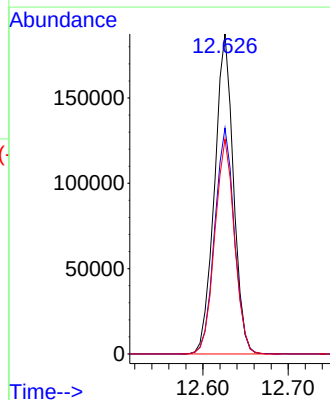
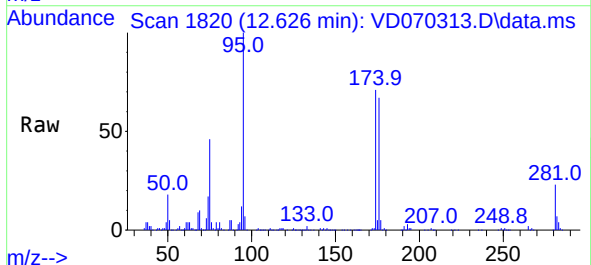
Instrument :
MSVOA_D
ClientSampleId :
A008015

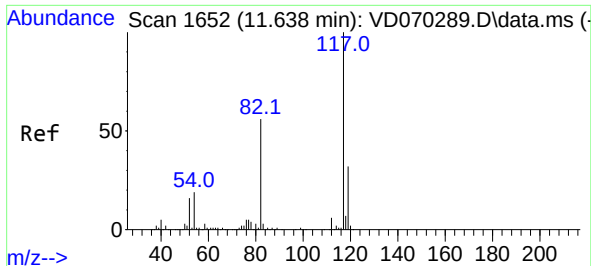
Tgt Ion: 98 Resp: 845440
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.440 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion: 95 Resp: 288784
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 69.6 0.0 137.4

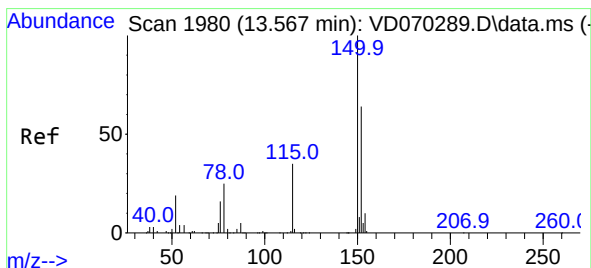
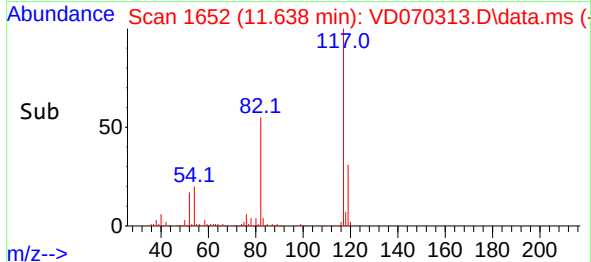
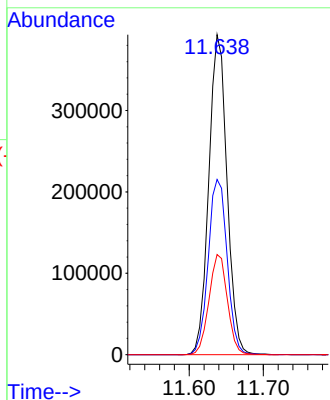
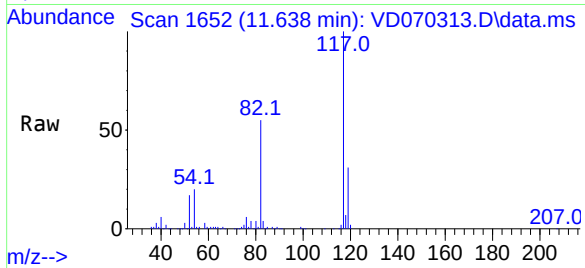




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Instrument :
MSVOA_D
ClientSampleId :
A008015

Tgt Ion:	117	Resp:	671163
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	31.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070313.D
Acq: 10 Sep 2021 21:34

Tgt Ion:	152	Resp:	272904
Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.1	96.3
150	156.4	0.0	350.6

