

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070312.D
 Acq On : 10 Sep 2021 21:05
 Operator : VA/SY
 Sample : M3684-13
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F006130

Quant Time: Sep 11 02:29:43 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	250777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225378	69.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.980%
35) Dibromofluoromethane	7.914	113	241119	54.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.200%
50) Toluene-d8	10.338	98	860420	53.661	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.626	95	310607	55.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.860%

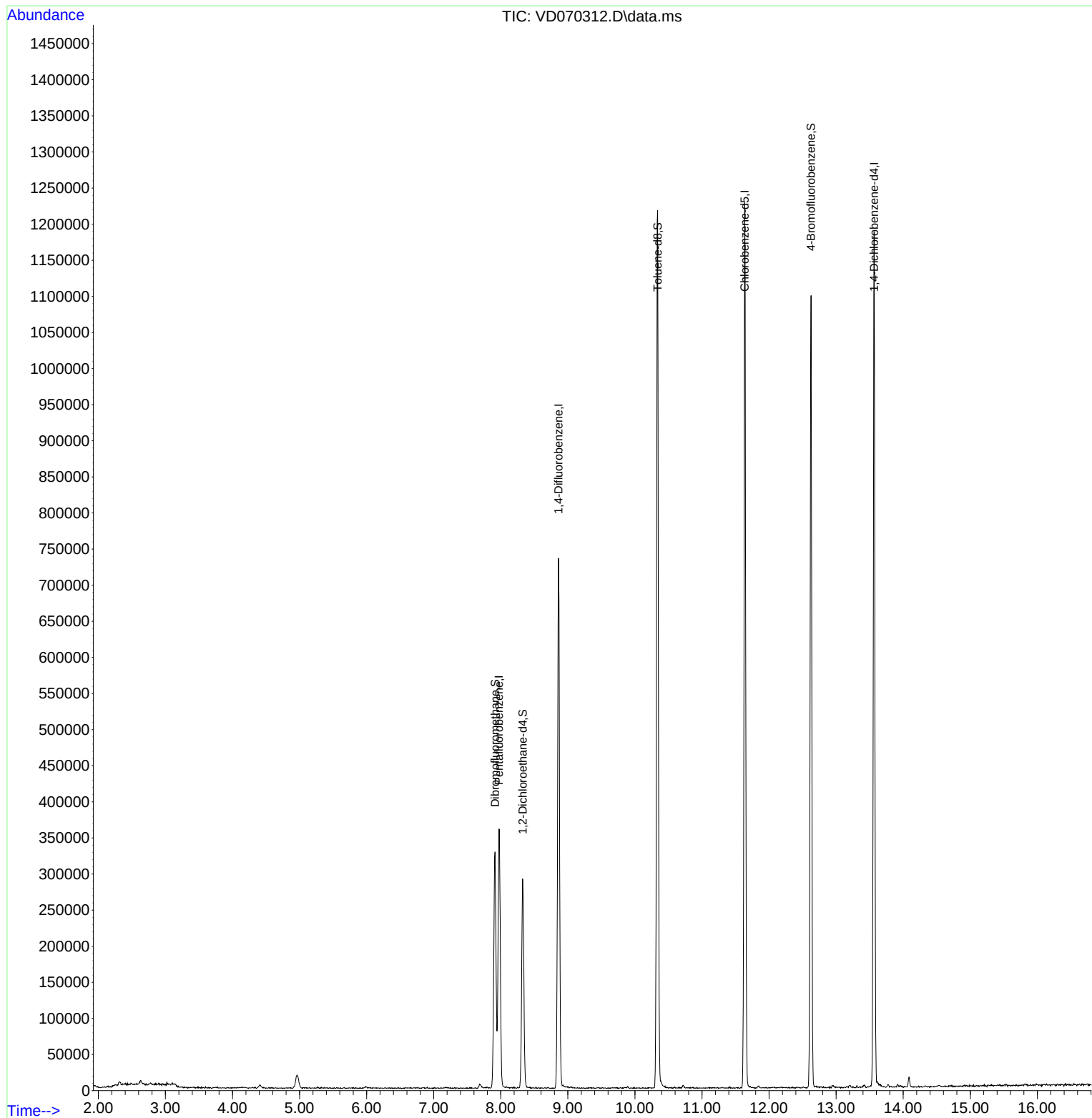
Target Compounds	Qvalue

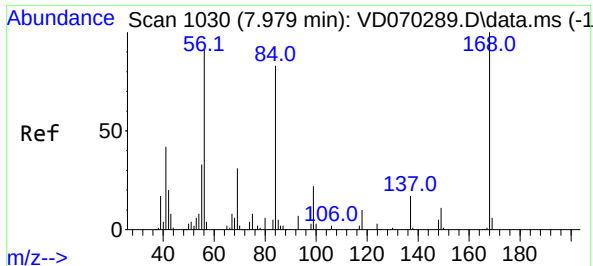
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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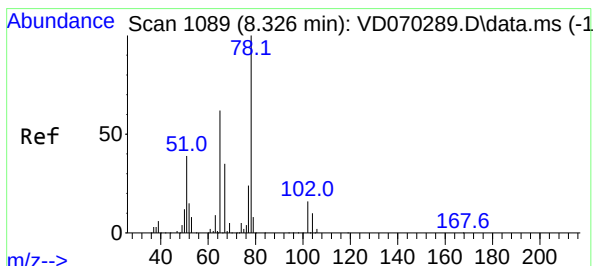
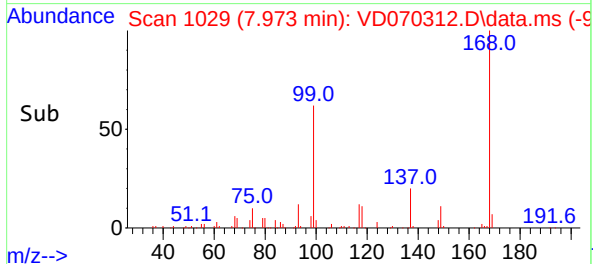
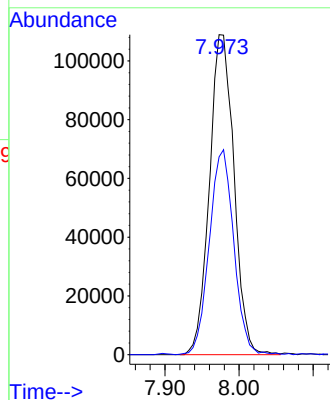
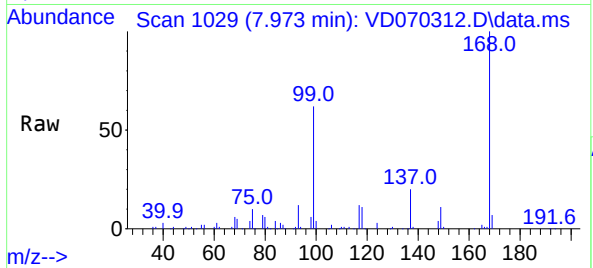




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

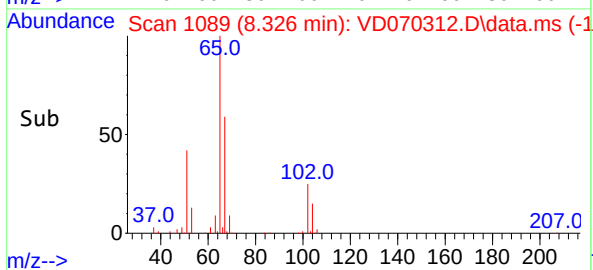
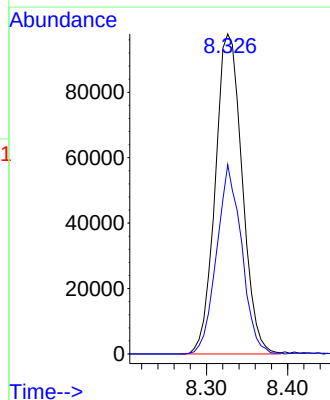
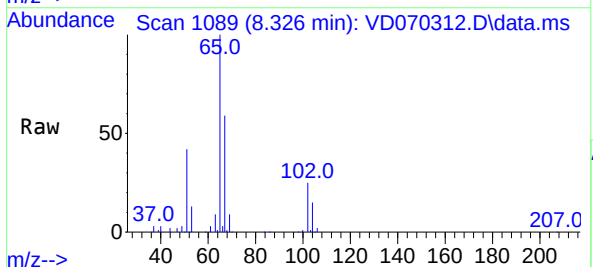
Instrument :
MSVOA_D
ClientSampleId :
F006130

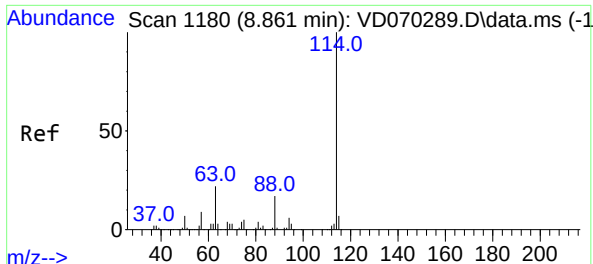
Tgt Ion:168 Resp: 250777
Ion Ratio Lower Upper
168 100
99 61.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 69.992 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 65 Resp: 225378
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.4



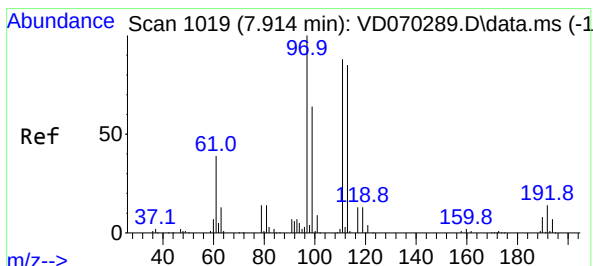
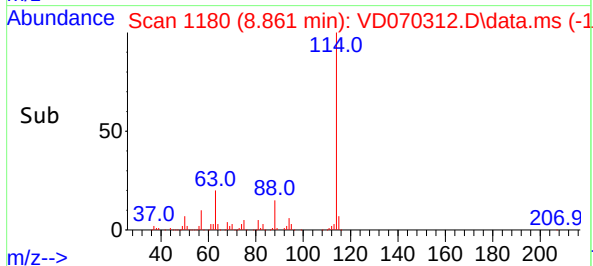
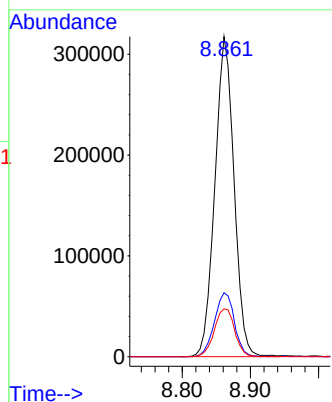
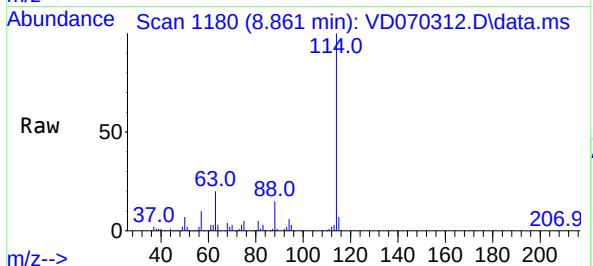


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Instrument :
MSVOA_D
ClientSampleId :
F006130

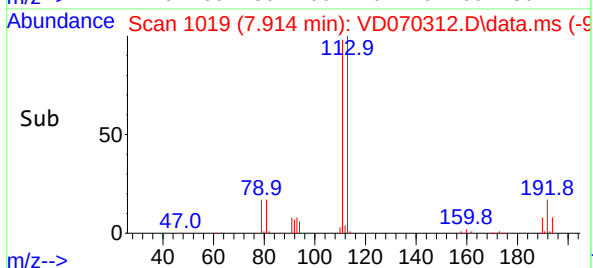
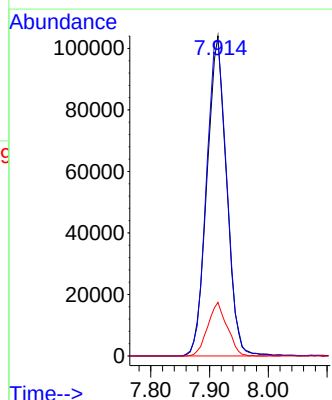
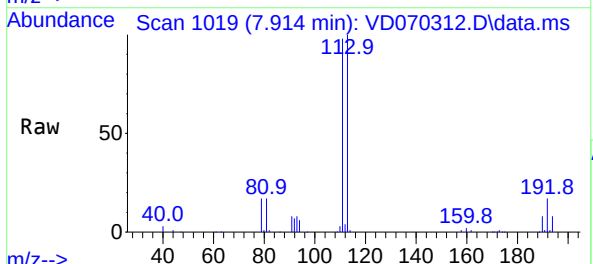
Tgt Ion:	114	Resp:	620423
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.4
88	15.0	0.0	33.4

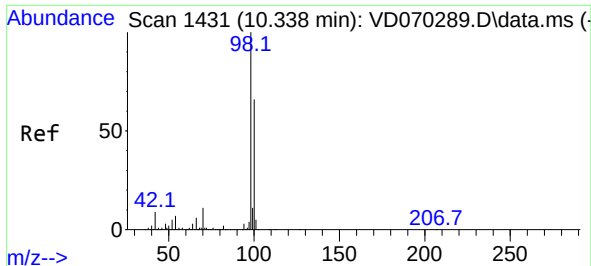


#35

Dibromofluoromethane
Concen: 54.598 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion:	113	Resp:	241119
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	16.6	13.0	19.6

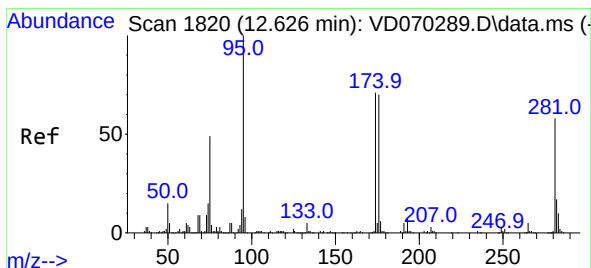
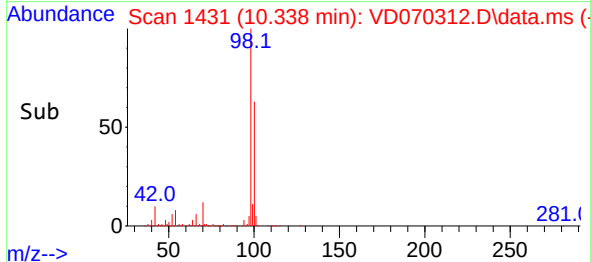
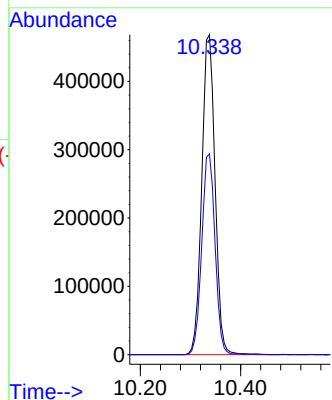
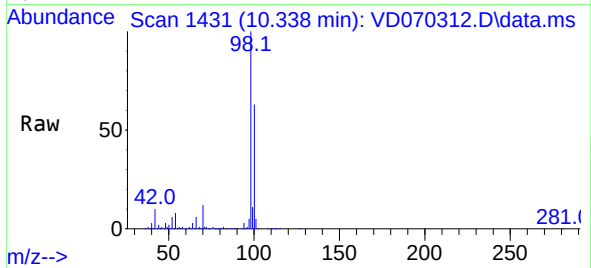




#50
Toluene-d8
Concen: 53.661 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

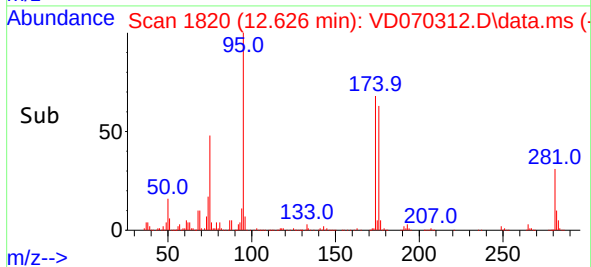
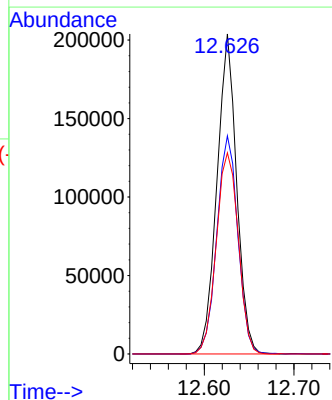
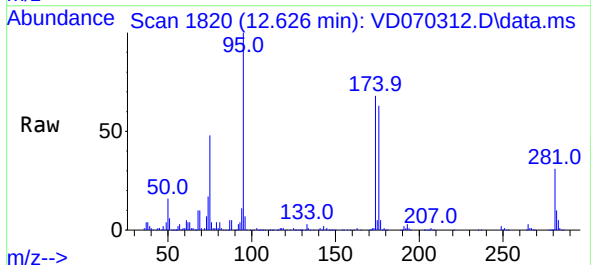
Instrument :
MSVOA_D
ClientSampleId :
F006130

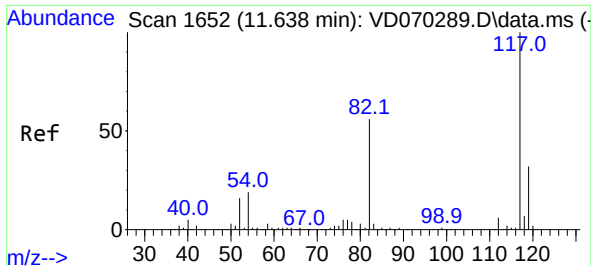
Tgt Ion: 98 Resp: 860420
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.428 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion: 95 Resp: 310607
Ion Ratio Lower Upper
95 100
174 72.6 0.0 140.6
176 70.1 0.0 137.4

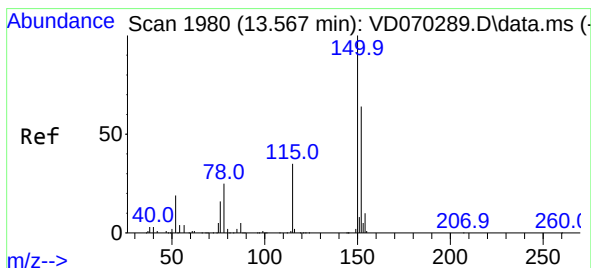
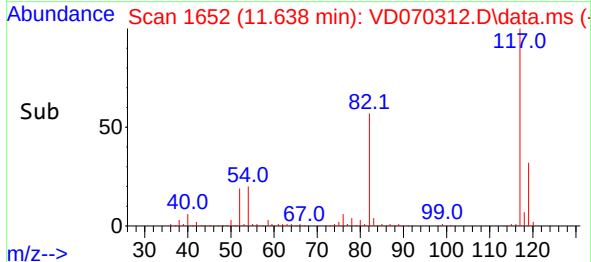
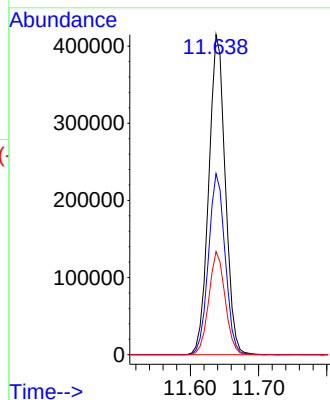
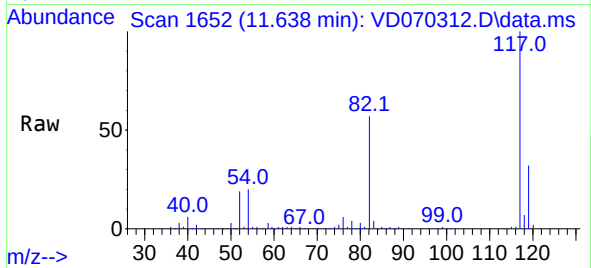




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070312.D
Acq: 10 Sep 2021 21:05

Instrument :
MSVOA_D
ClientSampleId :
F006130

Tgt Ion:117 Resp: 698495
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.4
119 32.2 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: VD070312.D
Acq: 10 Sep 2021 21:05

Tgt Ion:152 Resp: 303822
Ion Ratio Lower Upper
152 100
115 62.2 32.1 96.3
150 157.2 0.0 350.6

