

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070799.D
 Acq On : 21 Oct 2021 14:21
 Operator : VA/SY
 Sample : M4285-10
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GA-(1)

Quant Time: Oct 22 06:14:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	397233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	697311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	283992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264121	56.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.280%
35) Dibromofluoromethane	7.908	113	244697	52.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.520%
50) Toluene-d8	10.338	98	954812	53.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.626	95	295096	48.204	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.400%

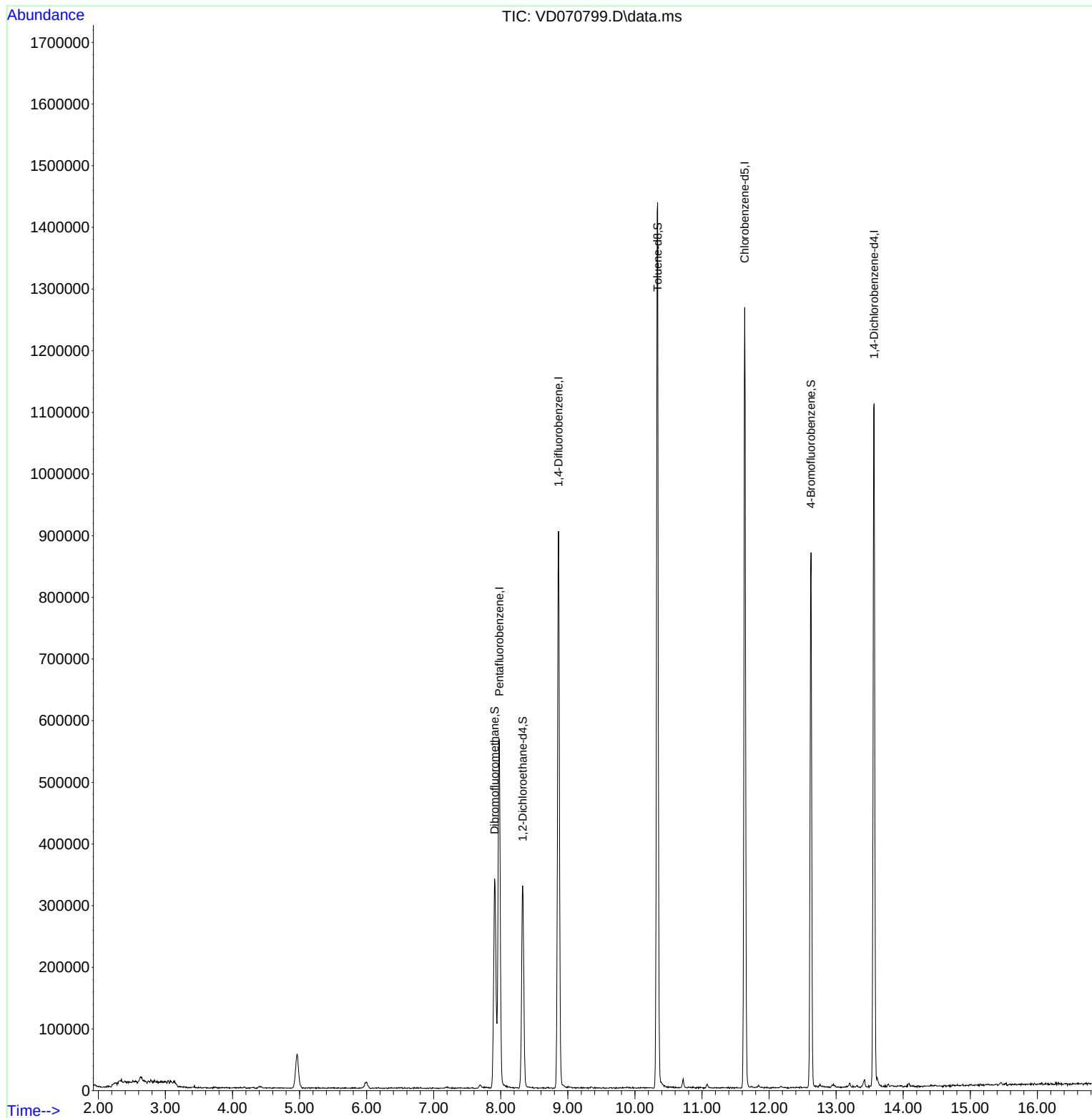
Target Compounds	Qvalue

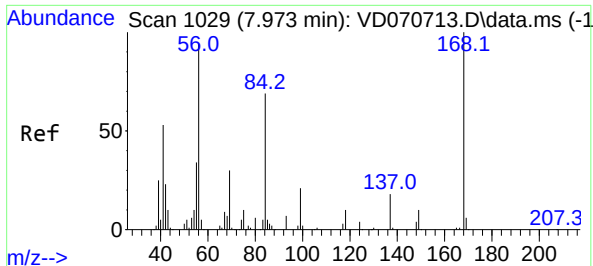
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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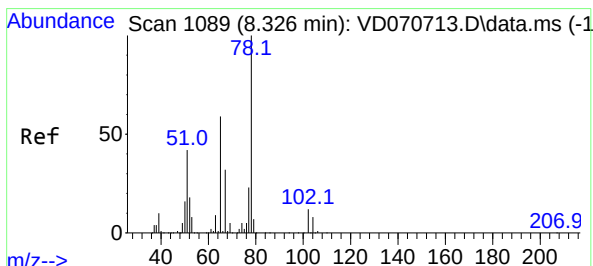
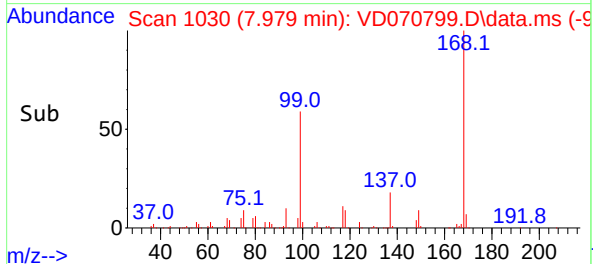
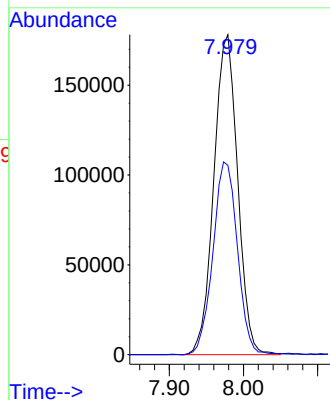
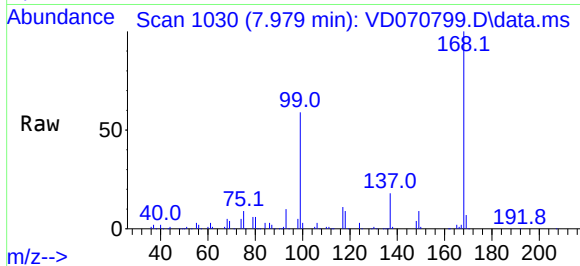




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

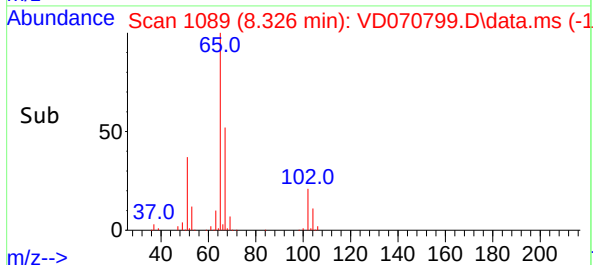
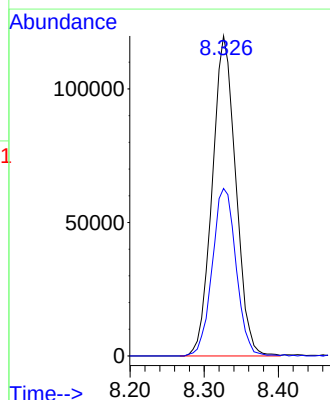
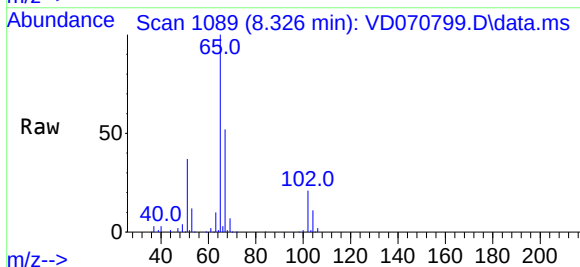
Instrument :
MSVOA_D
ClientSampleId :
MH-GA-(1)

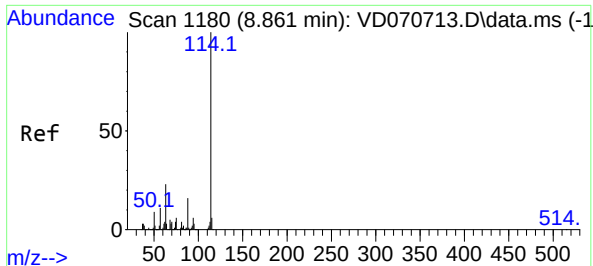
Tgt Ion:168 Resp: 397233
Ion Ratio Lower Upper
168 100
99 59.2 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 56.137 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

Tgt Ion: 65 Resp: 264121
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.2



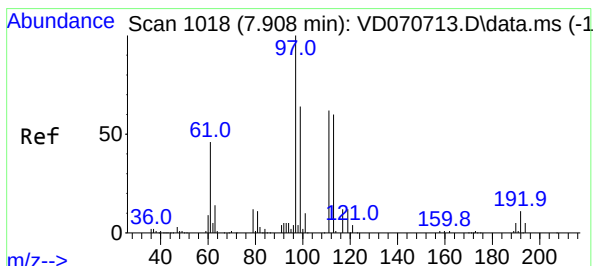
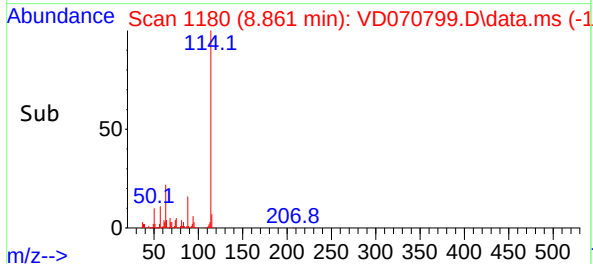
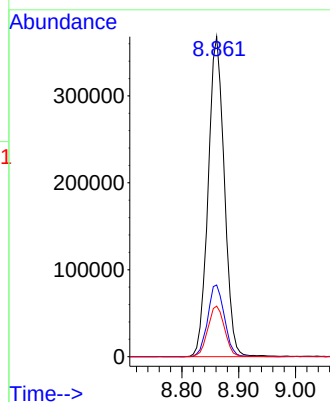
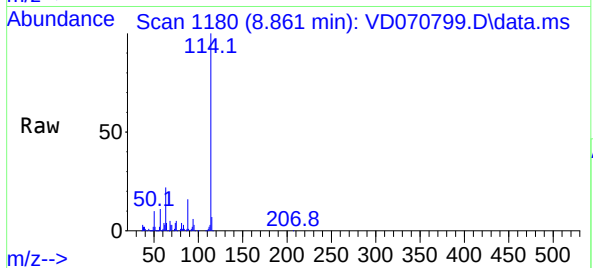


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :
MH-GA-(1)

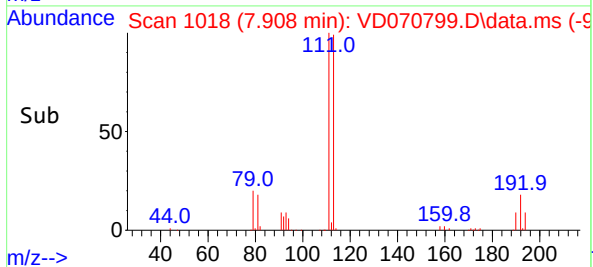
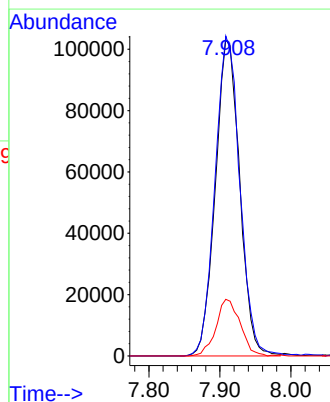
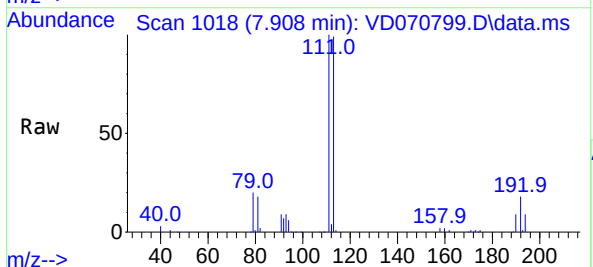
Tgt Ion:114 Resp: 724334
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 15.8 0.0 32.6

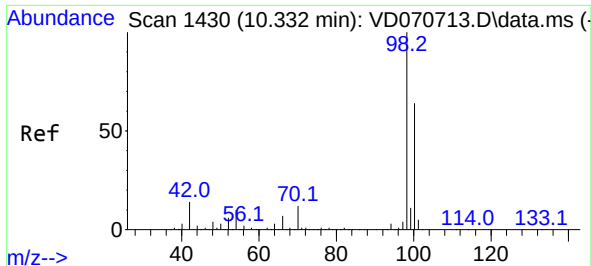


#35

Dibromofluoromethane
Concen: 52.760 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

Tgt Ion:113 Resp: 244697
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 17.8 12.7 19.1

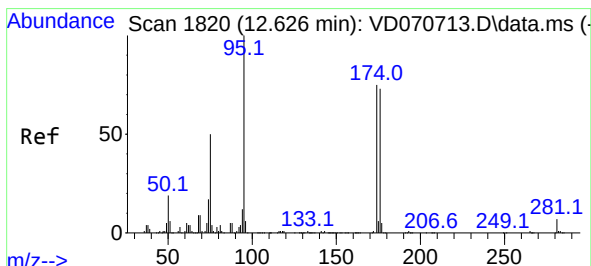
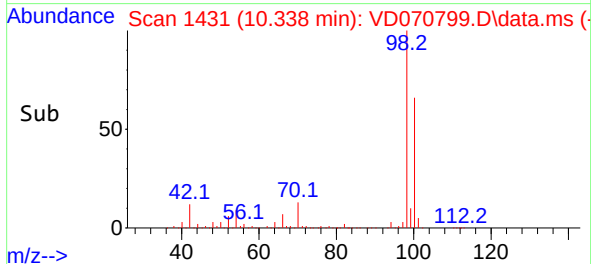
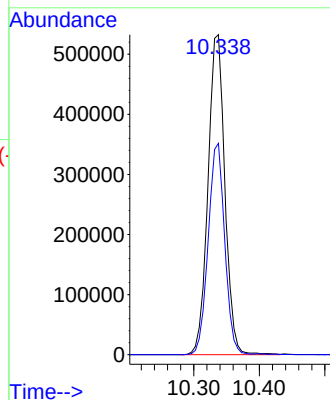
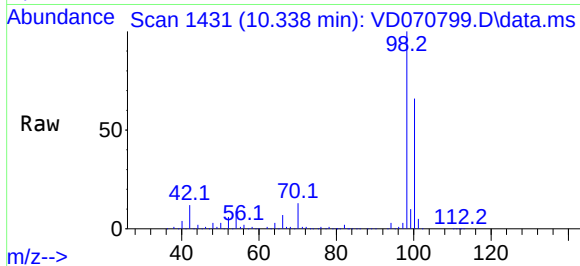




#50
Toluene-d8
Concen: 53.705 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

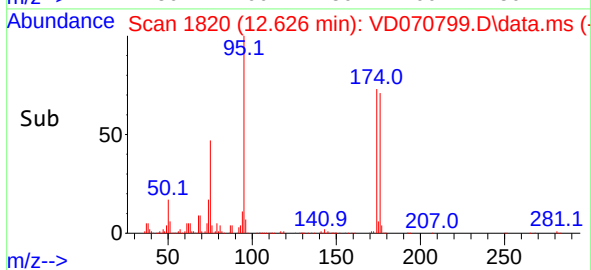
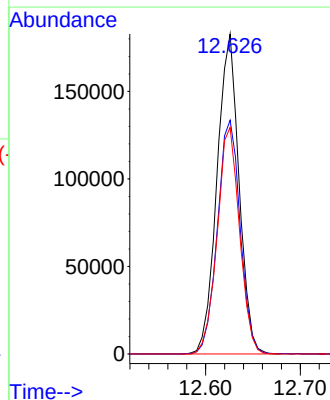
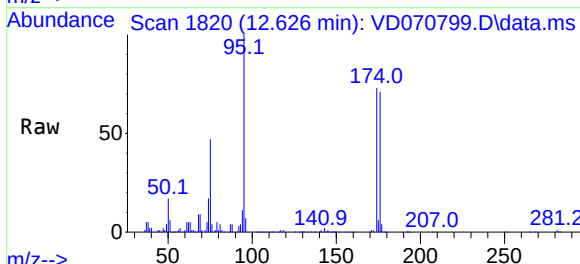
Instrument :
MSVOA_D
ClientSampleId :
MH-GA-(1)

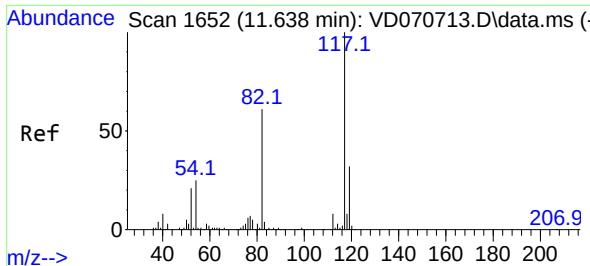
Tgt Ion: 98 Resp: 954812
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.204 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

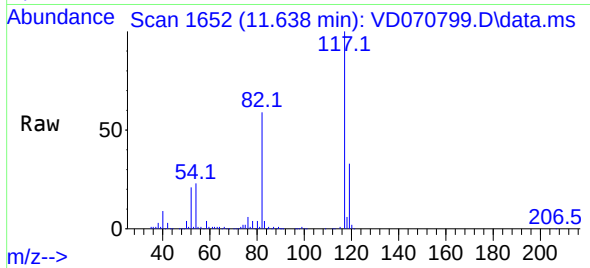
Tgt Ion: 95 Resp: 295096
Ion Ratio Lower Upper
95 100
174 75.5 0.0 138.0
176 71.6 0.0 135.6



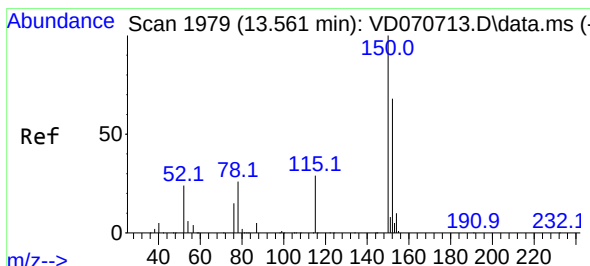
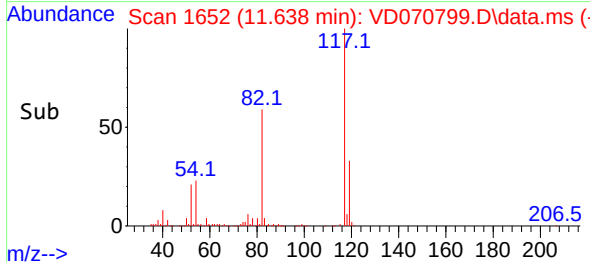
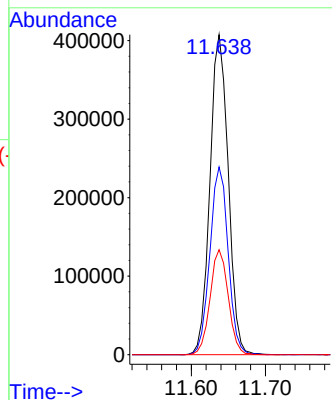


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21

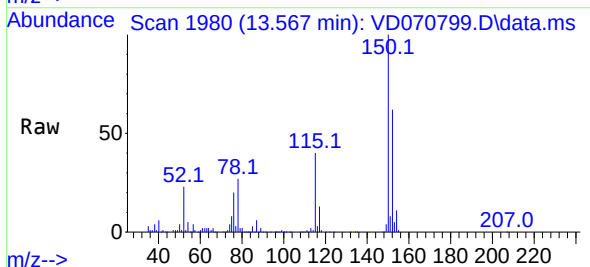
Instrument :
MSVOA_D
ClientSampleId :
MH-GA-(1)



Tgt Ion:117 Resp: 697311
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070799.D
Acq: 21 Oct 2021 14:21



Tgt Ion:152 Resp: 283992
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.7
150 161.4 0.0 350.0

