

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070784.D
 Acq On : 20 Oct 2021 19:11
 Operator : VA/SY
 Sample : M4285-10
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Oct 21 05:41:15 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	7.973	168	38962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	68392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37506	81.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.54%
35) Dibromofluoromethane	7.909	113	24155	59.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.18%
50) Toluene-d8	10.332	98	86856	55.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.86%
62) 4-Bromofluorobenzene	12.620	95	26195	48.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.10%

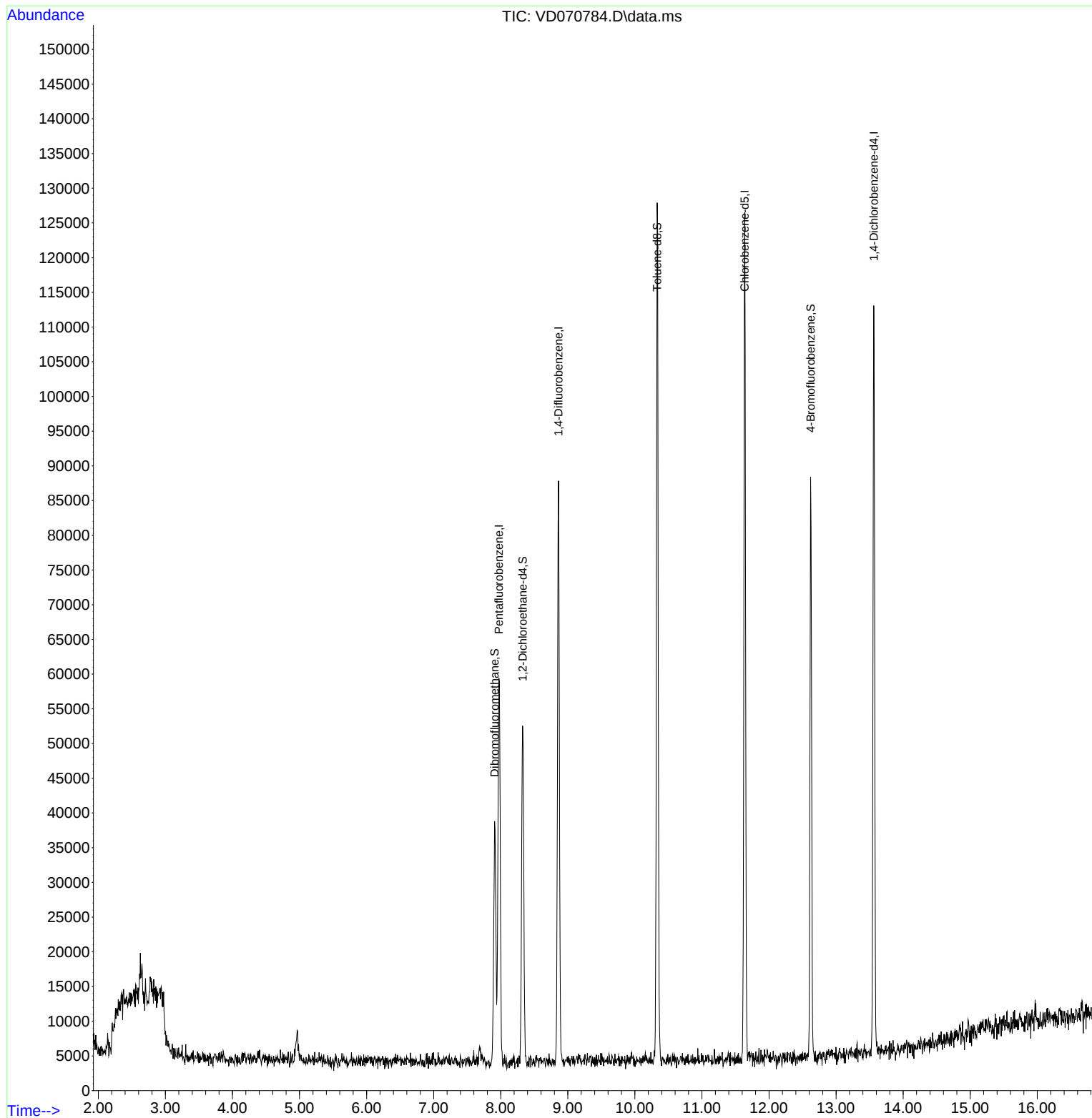
Target Compounds	Qvalue

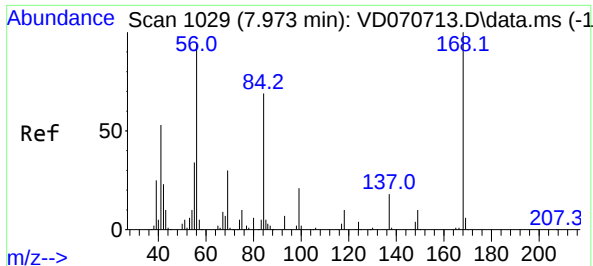
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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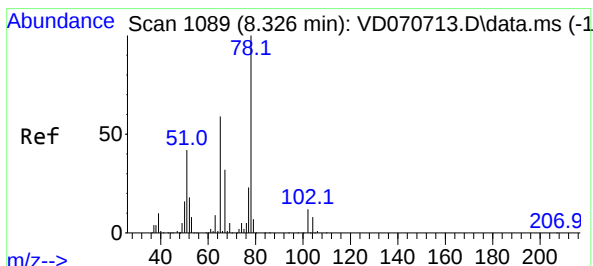
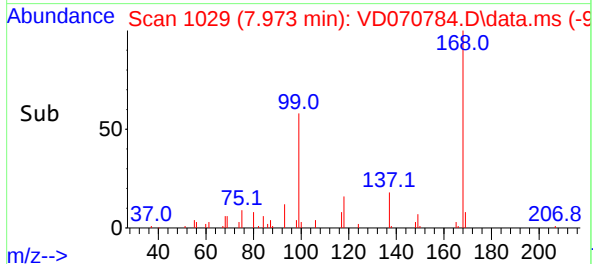
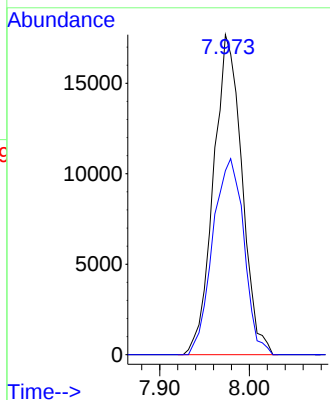
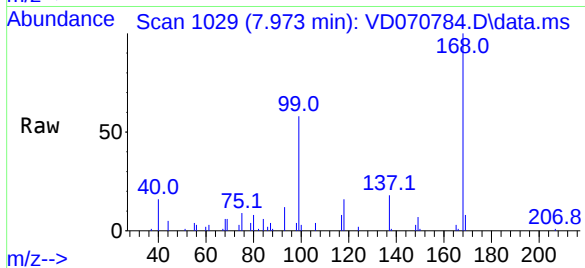




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. 0.000 min
 Lab File: VD070784.D
 Acq: 20 Oct 2021 19:11

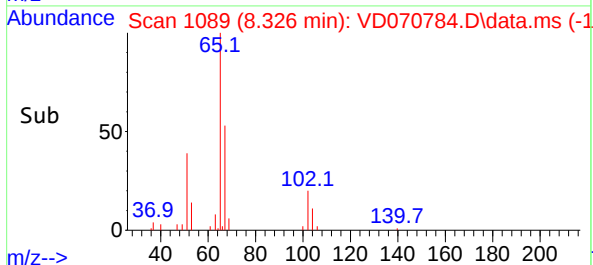
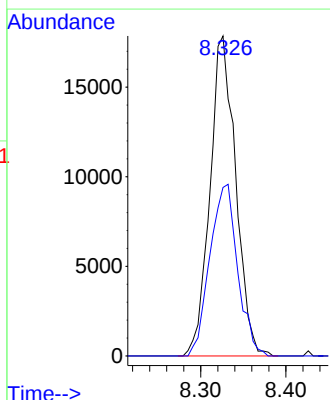
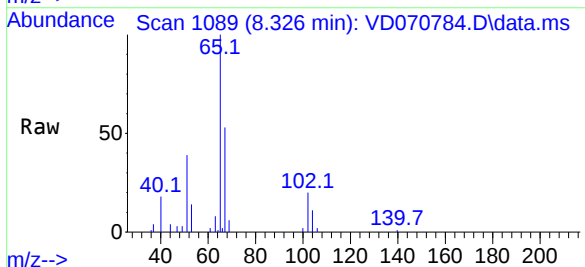
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GA-(1)

Tgt Ion:168 Resp: 38962
 Ion Ratio Lower Upper
 168 100
 99 57.5 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 81.27 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070784.D
 Acq: 20 Oct 2021 19:11

Tgt Ion: 65 Resp: 37506
 Ion Ratio Lower Upper
 65 100
 67 57.8 0.0 110.2



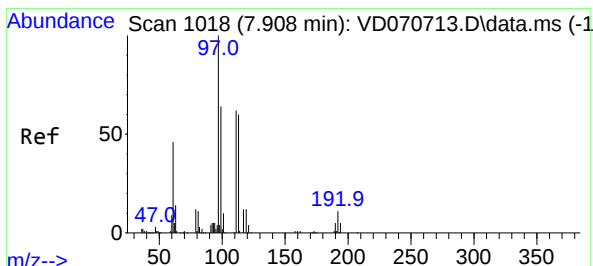
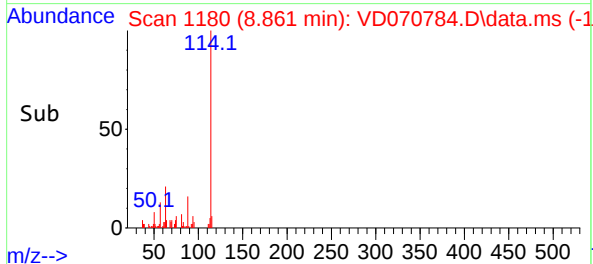
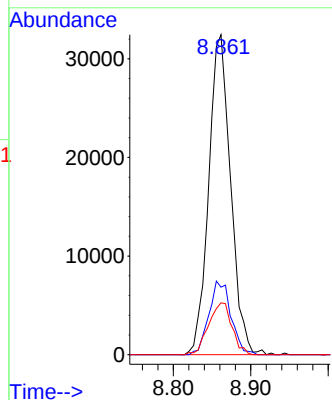
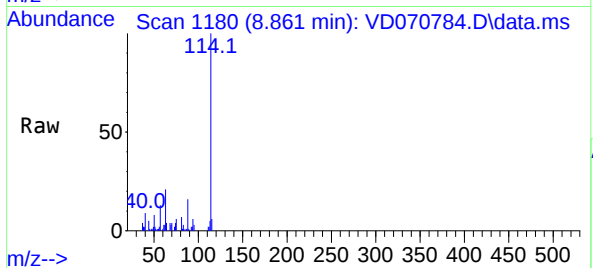


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

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

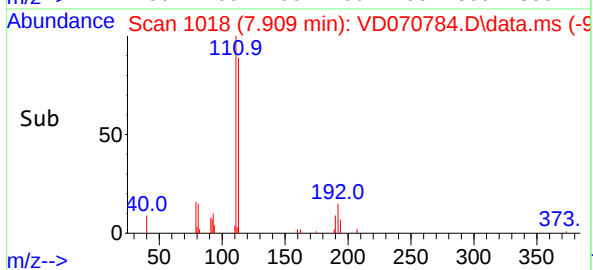
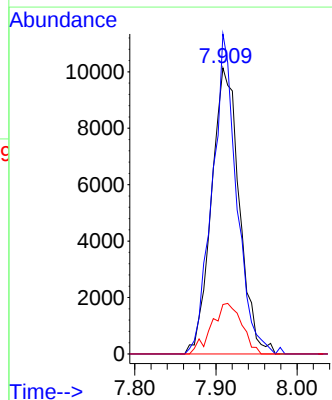
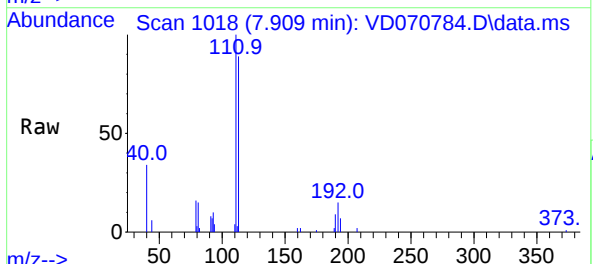
Tgt Ion:	114	Resp:	63838
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.8
88	16.2	0.0	32.6

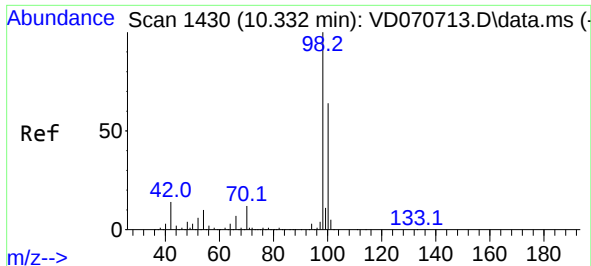


#35

Dibromofluoromethane
Concen: 59.09 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

Tgt Ion:	113	Resp:	24155
Ion	Ratio	Lower	Upper
113	100		
111	98.1	83.1	124.7
192	19.1	12.7	19.1#

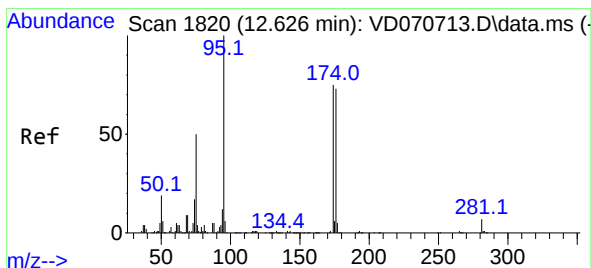
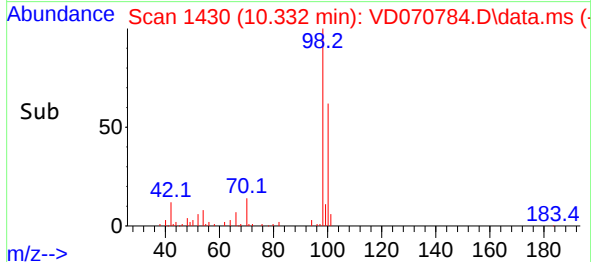
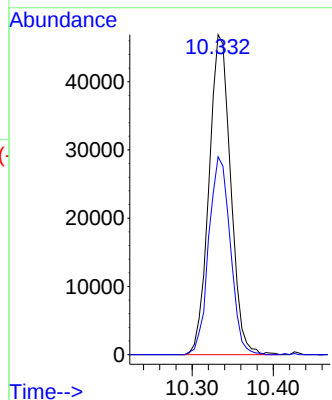
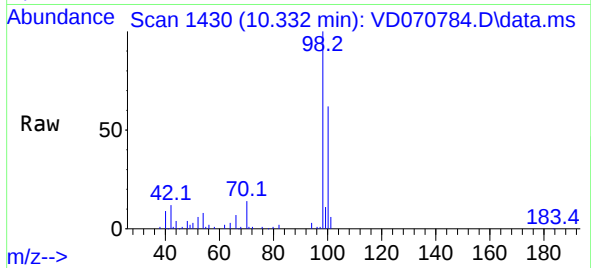




#50
Toluene-d8
Concen: 55.43 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

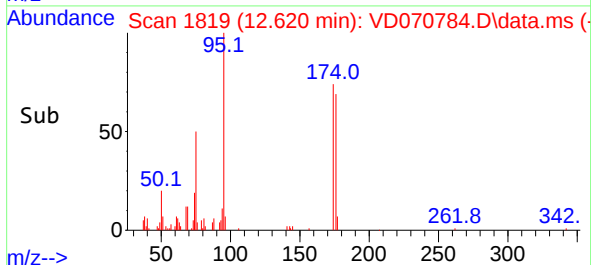
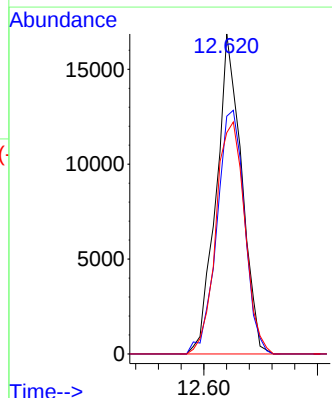
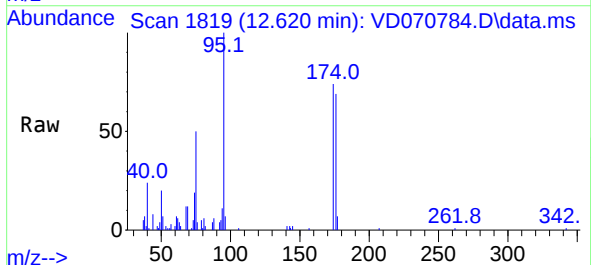
Instrument :
MSVOA_D
ClientSampleId :
MH-GA-(1)

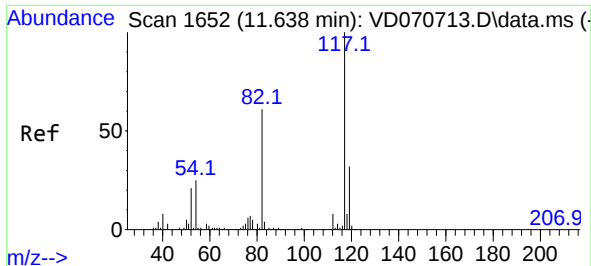
Tgt Ion: 98 Resp: 86856
Ion Ratio Lower Upper
98 100
100 61.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.55 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

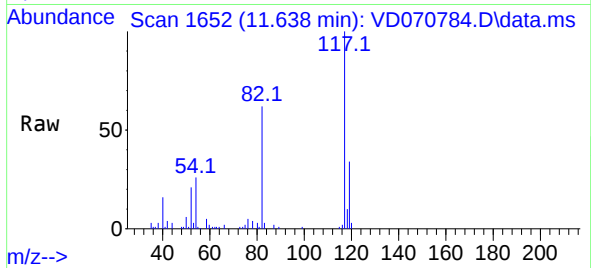
Tgt Ion: 95 Resp: 26195
Ion Ratio Lower Upper
95 100
174 82.7 0.0 138.0
176 82.3 0.0 135.6



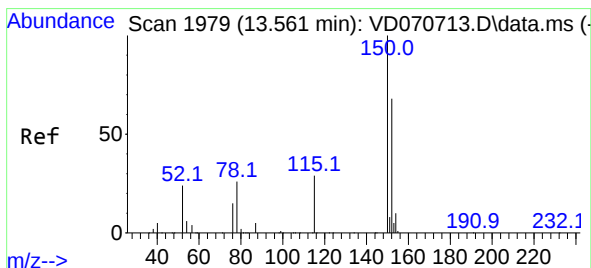
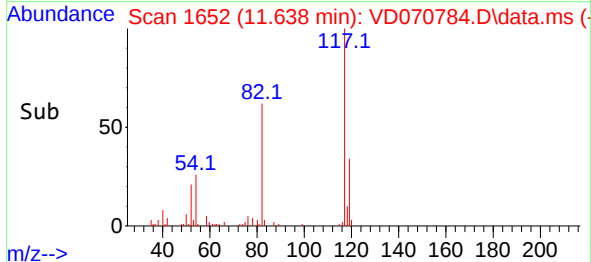
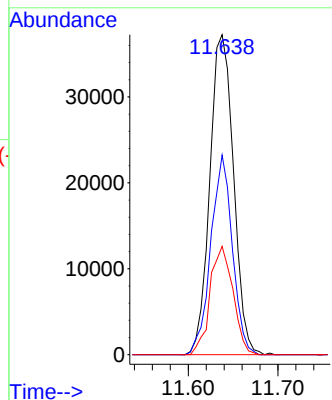


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

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



Tgt Ion:	117	Resp:	68392
Ion Ratio	100	Lower	Upper
82	62.3	45.4	68.2
119	33.8	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070784.D
Acq: 20 Oct 2021 19:11

Tgt Ion:	152	Resp:	29294
Ion Ratio	100	Lower	Upper
115	58.3	31.9	95.7
150	159.2	0.0	350.0

