

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070738.D
 Acq On : 18 Oct 2021 19:06
 Operator : VA/SY
 Sample : M4252-07
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 19 06:42:26 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	35224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	64059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	69764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43369	103.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	207.900%#
35) Dibromofluoromethane	7.909	113	26716	65.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.260%
50) Toluene-d8	10.332	98	84554	53.776	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.626	95	29697	54.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.700%

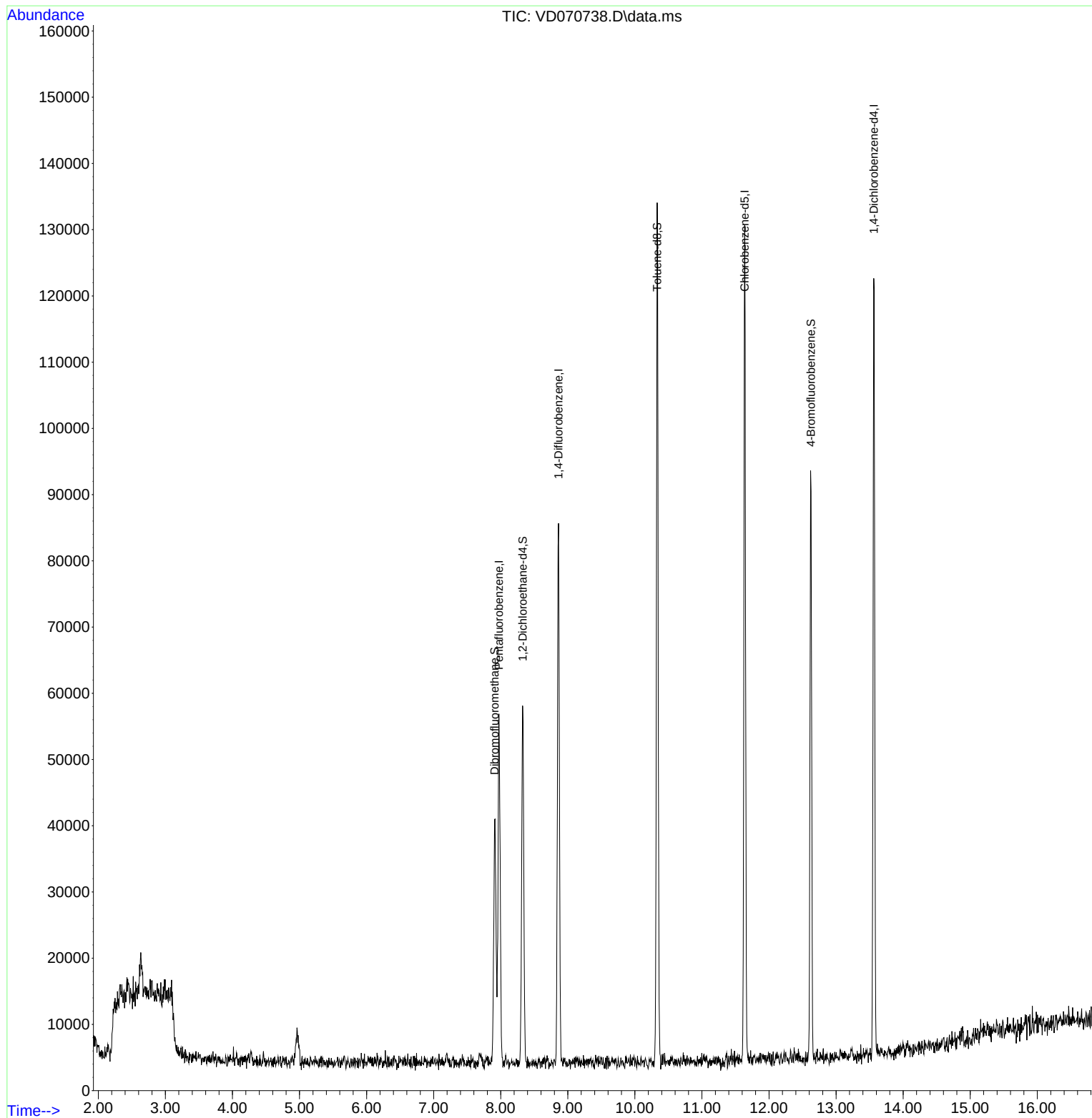
Target Compounds	Qvalue

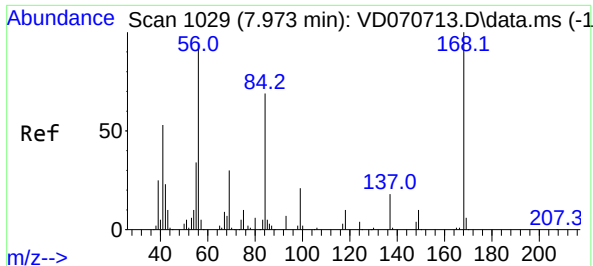
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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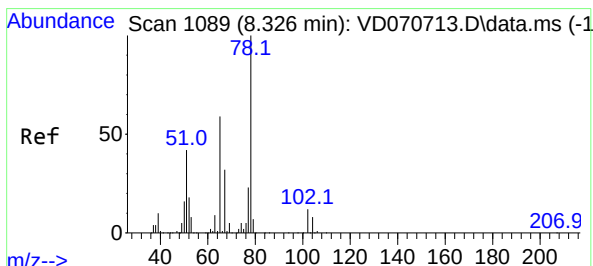
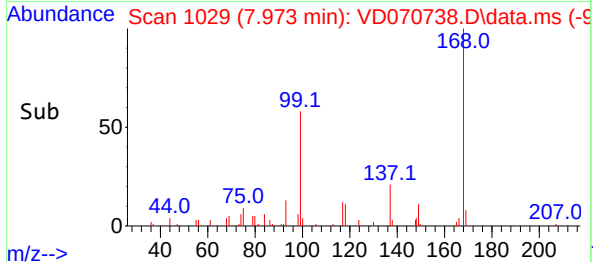
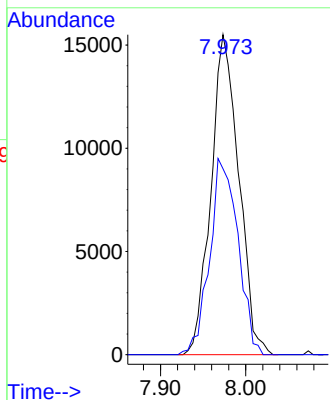
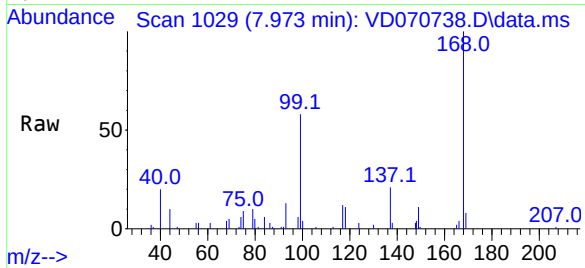




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

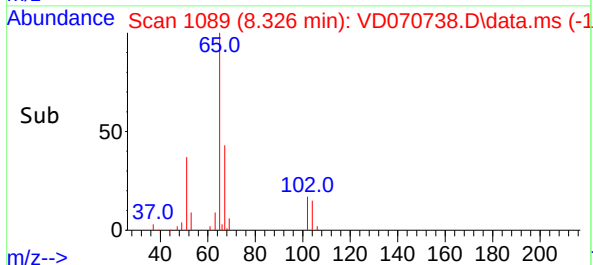
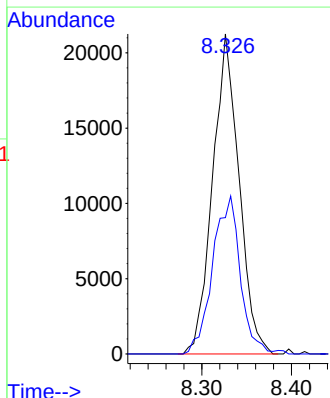
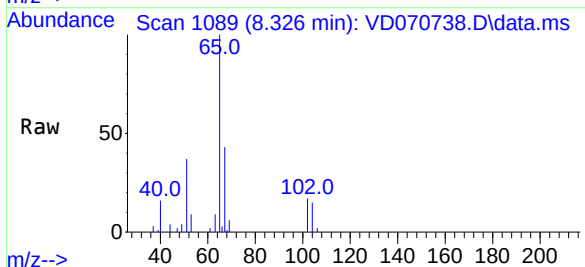
Instrument :
MSVOA_D
ClientSampleId :
MH-CA-(1)

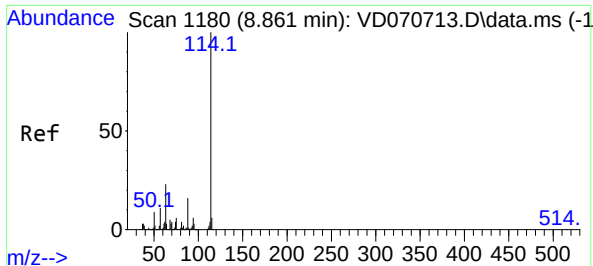
Tgt Ion:168 Resp: 35224
Ion Ratio Lower Upper
168 100
99 58.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 103.952 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

Tgt Ion: 65 Resp: 43369
Ion Ratio Lower Upper
65 100
67 51.9 0.0 110.2



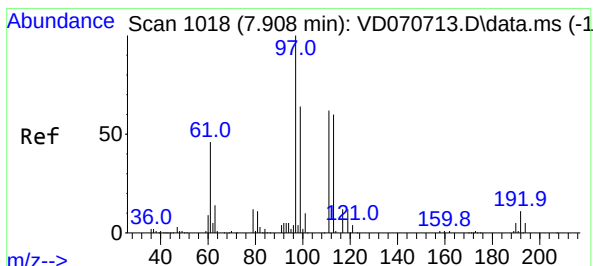
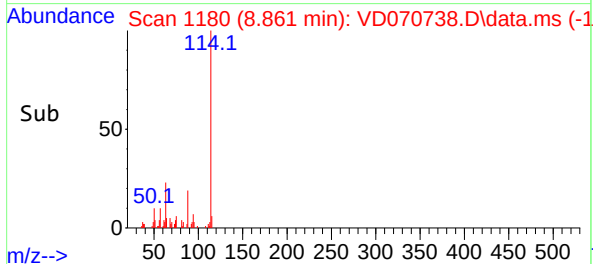
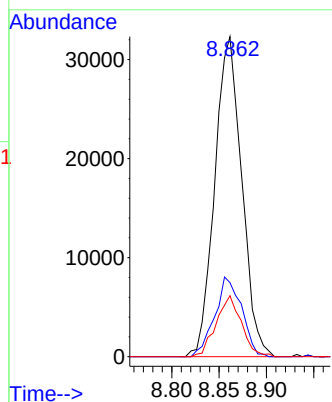
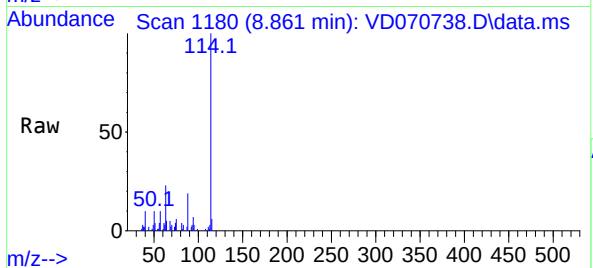


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

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

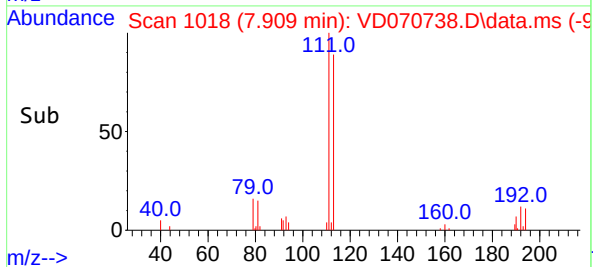
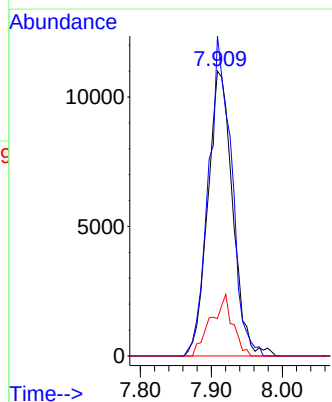
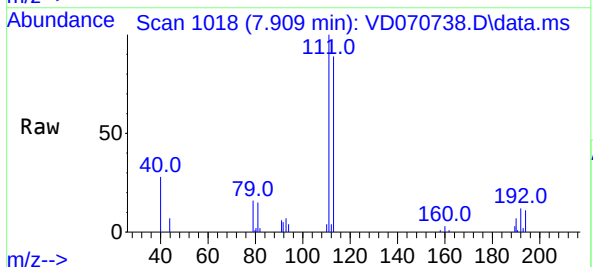
Tgt Ion:	114	Resp:	64059
Ion Ratio	Lower	Upper	
114	100		
63	23.2	0.0	41.8
88	19.0	0.0	32.6

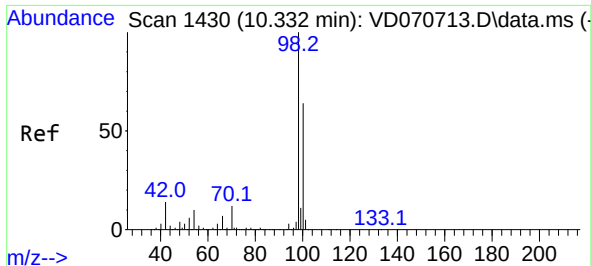


#35

Dibromofluoromethane
Concen: 65.133 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

Tgt Ion:	113	Resp:	26716
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.1	124.7
192	19.0	12.7	19.1

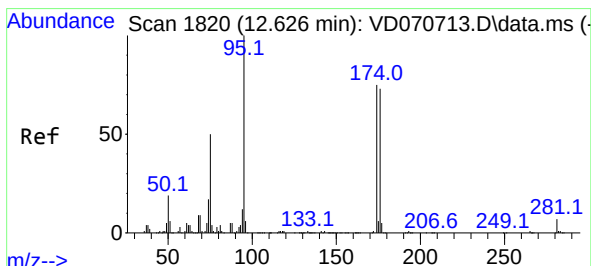
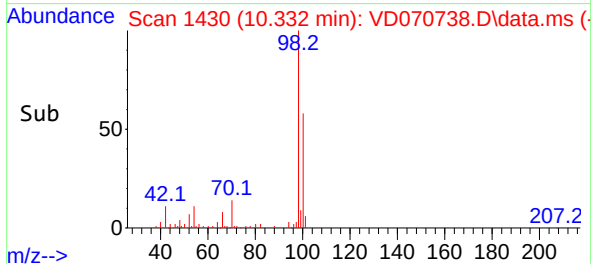
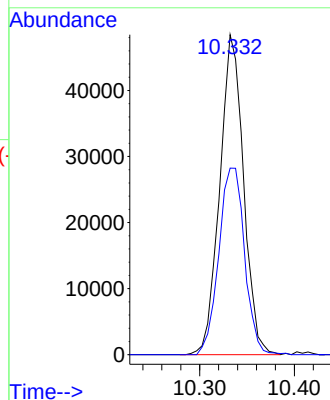
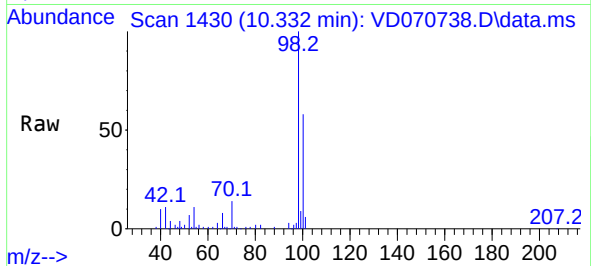




#50
Toluene-d8
Concen: 53.776 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

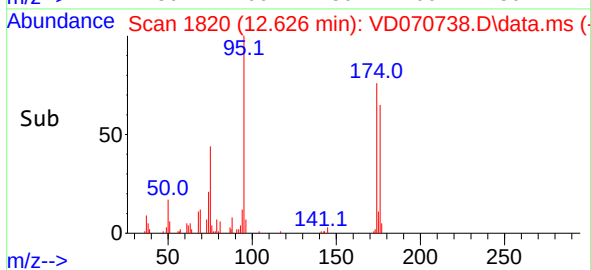
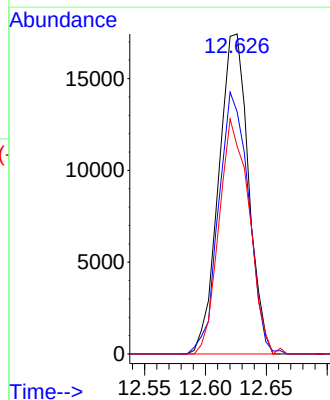
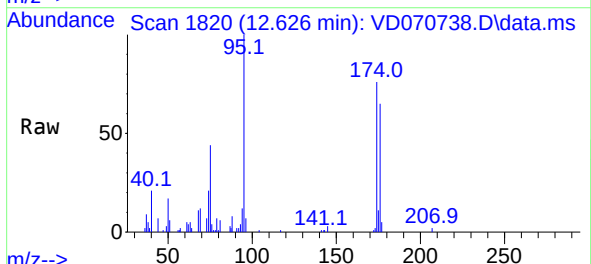
Instrument :
MSVOA_D
ClientSampleId :
MH-CA-(1)

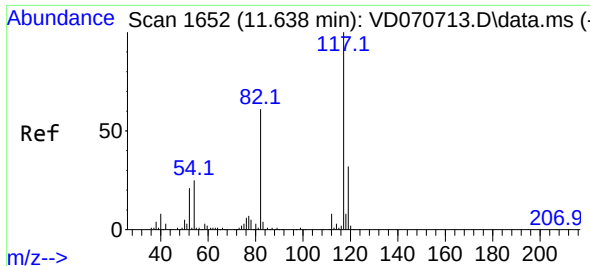
Tgt Ion: 98 Resp: 84554
Ion Ratio Lower Upper
98 100
100 63.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.852 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

Tgt Ion: 95 Resp: 29697
Ion Ratio Lower Upper
95 100
174 82.4 0.0 138.0
176 74.1 0.0 135.6

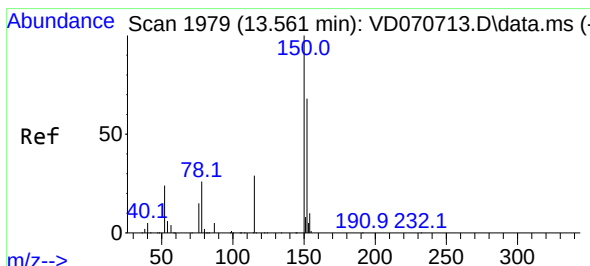
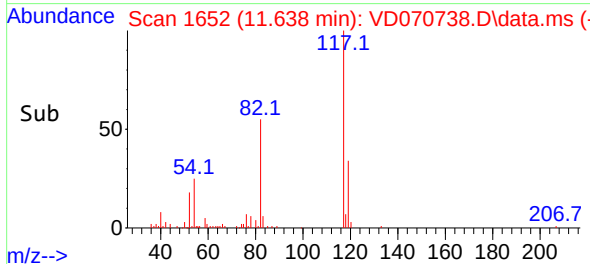
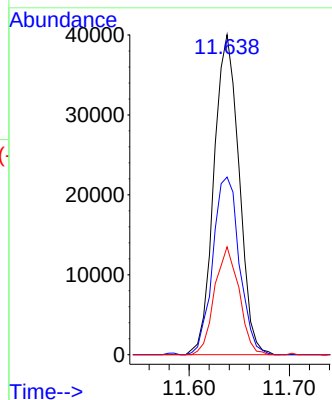
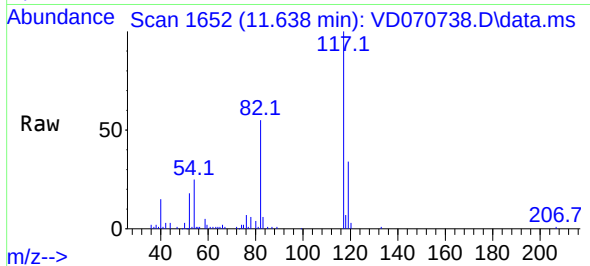




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

Instrument :
MSVOA_D
ClientSampled :
MH-CA-(1)

Tgt Ion:	117	Resp:	69764
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.4	68.2
119	33.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070738.D
Acq: 18 Oct 2021 19:06

Tgt Ion:	152	Resp:	29706
Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.9	95.7
150	164.9	0.0	350.0

