

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070636.D
 Acq On : 08 Oct 2021 13:56
 Operator : VA/SY
 Sample : M4113-05RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3RE

Quant Time: Oct 11 02:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	12203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	20232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	19431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10187	70.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.860%	
35) Dibromofluoromethane	7.908	113	6580	48.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.840%	
50) Toluene-d8	10.338	98	23486	45.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.340%	
62) 4-Bromofluorobenzene	12.620	95	7297	42.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.920%	

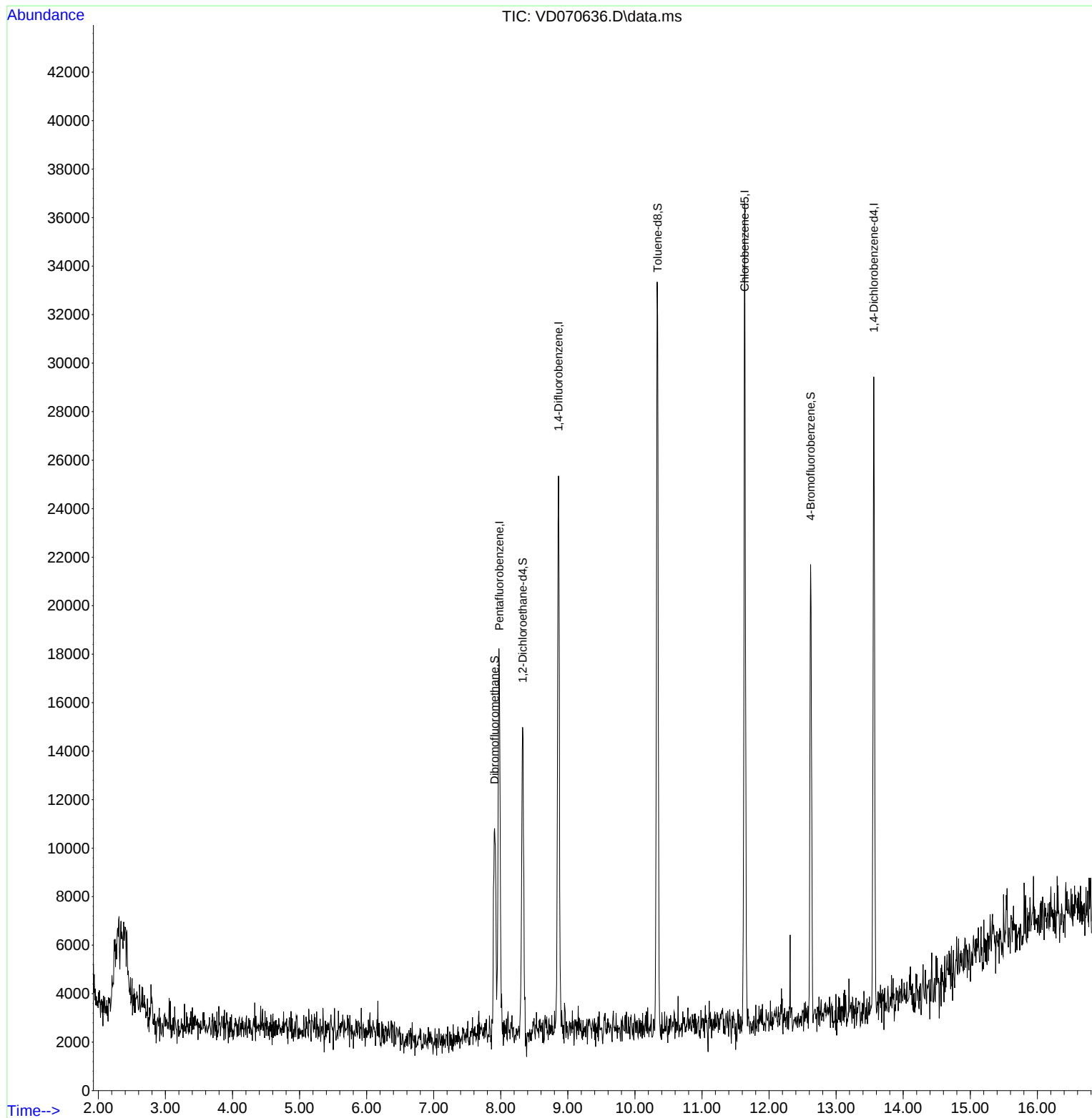
Target Compounds	Qvalue

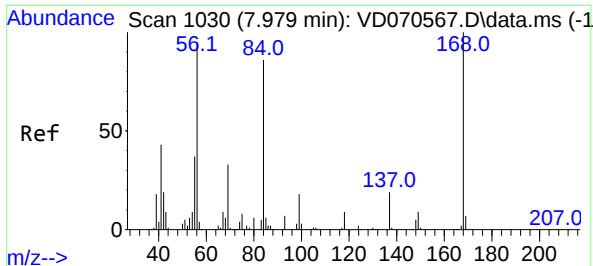
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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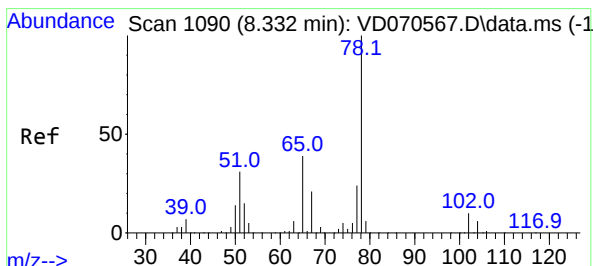
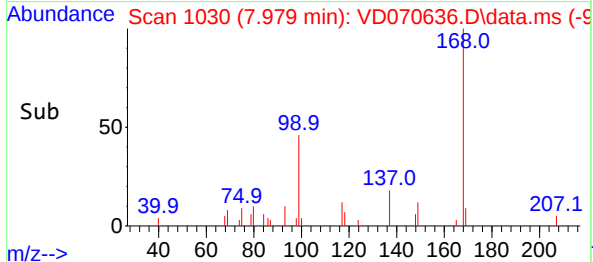
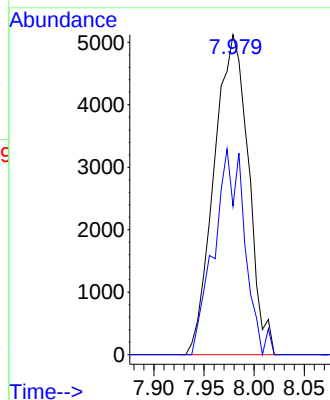
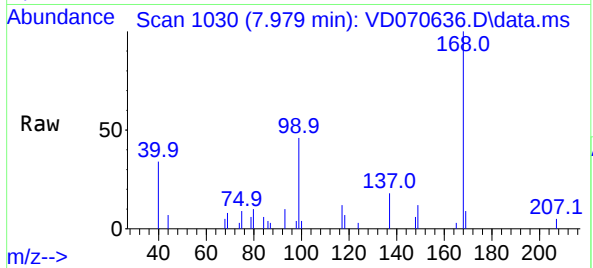




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070636.D
 Acq: 08 Oct 2021 13:56

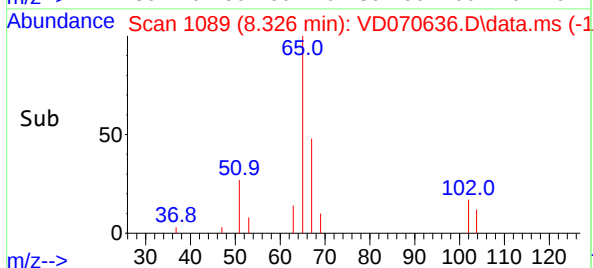
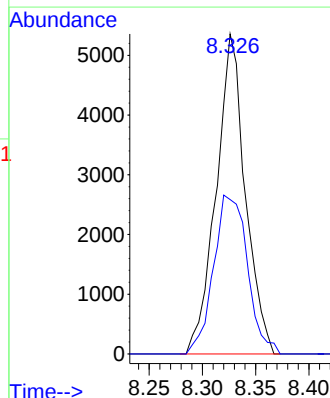
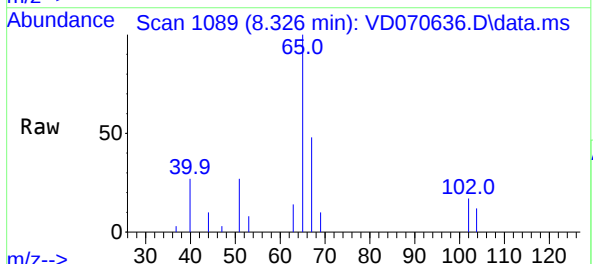
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3RE

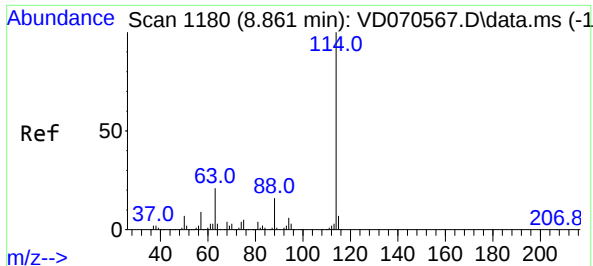
Tgt Ion:168 Resp: 12203
 Ion Ratio Lower Upper
 168 100
 99 46.4 51.4 77.0#



1,2-Dichloroethane-d4
 Concen: 70.934 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070636.D
 Acq: 08 Oct 2021 13:56

Tgt Ion: 65 Resp: 10187
 Ion Ratio Lower Upper
 65 100
 67 57.7 0.0 110.2



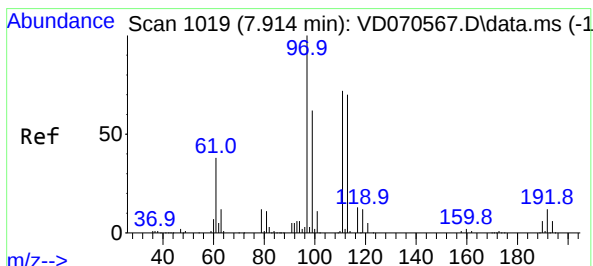
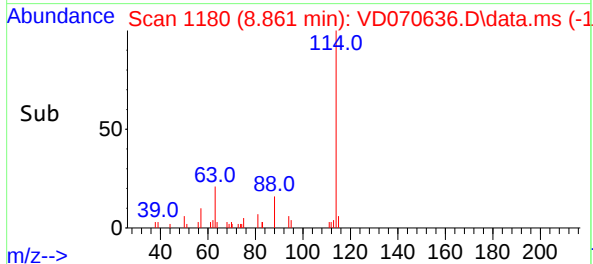
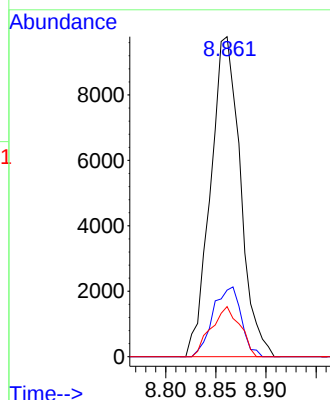
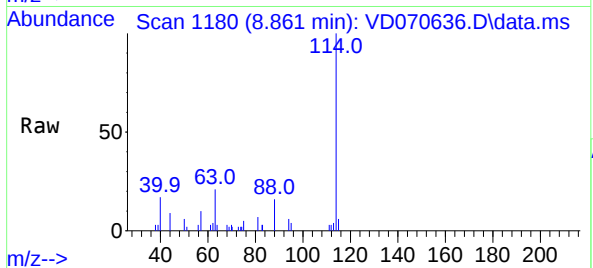


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070636.D
Acq: 08 Oct 2021 13:56

Instrument :
MSVOA_D
ClientSampled :
TP-3RE

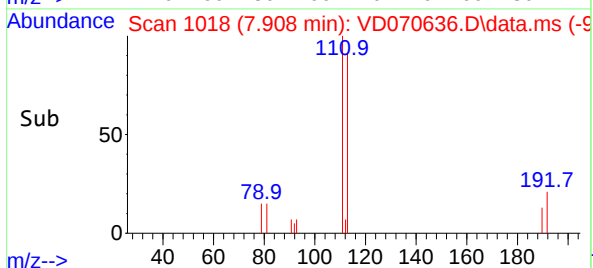
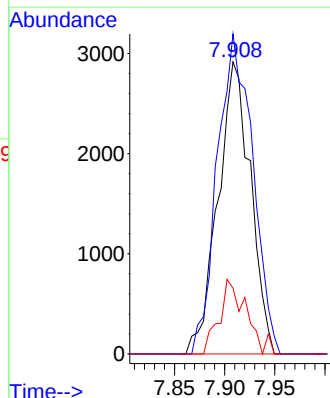
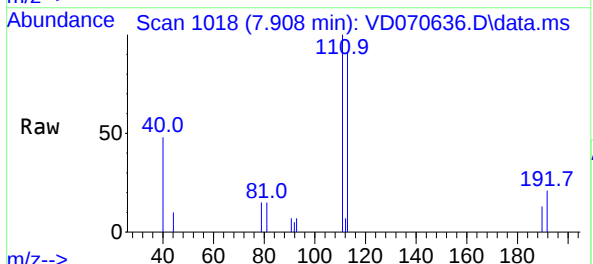
Tgt Ion:	114	Resp:	20232
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.8
88	15.7	0.0	32.6

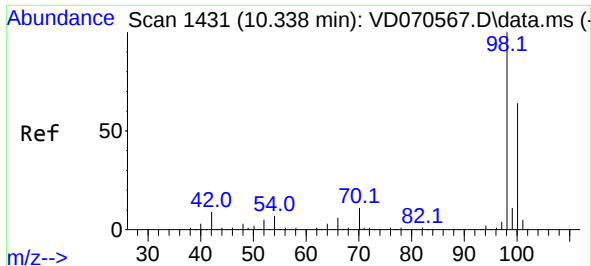


#35

Dibromofluoromethane
Concen: 48.917 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070636.D
Acq: 08 Oct 2021 13:56

Tgt Ion:	113	Resp:	6580
Ion	Ratio	Lower	Upper
113	100		
111	119.0	83.1	124.7
192	21.2	12.7	19.1#

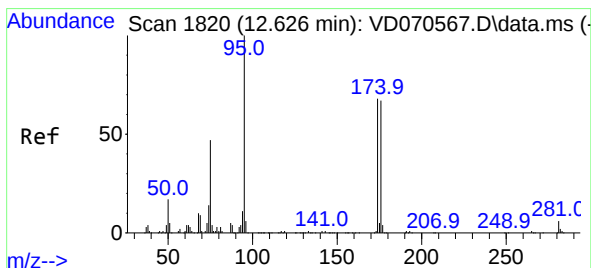
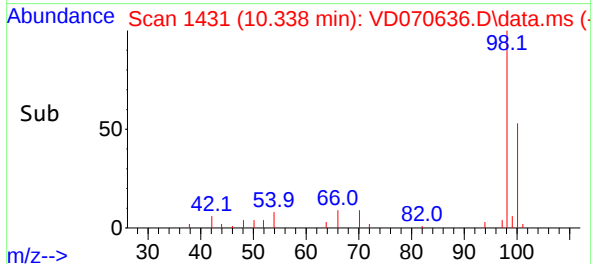
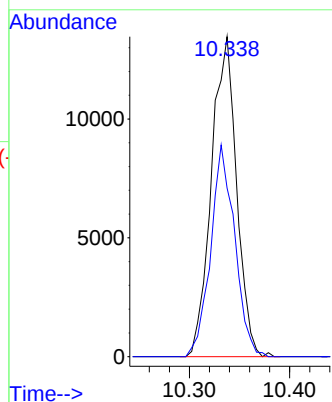
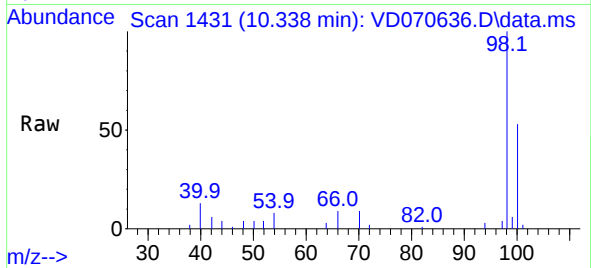




#50
Toluene-d8
Concen: 45.672 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070636.D
Acq: 08 Oct 2021 13:56

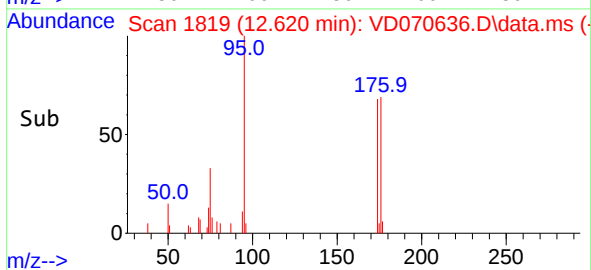
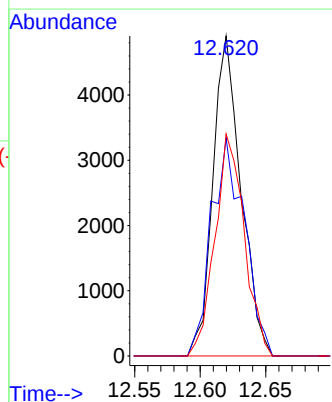
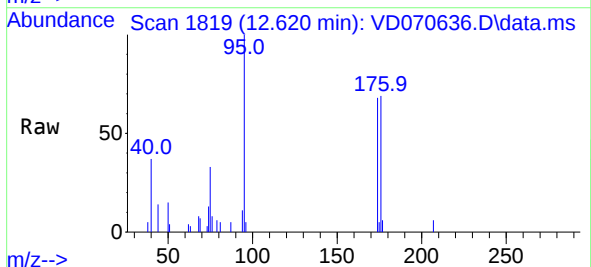
Instrument :
MSVOA_D
ClientSampleId :
TP-3RE

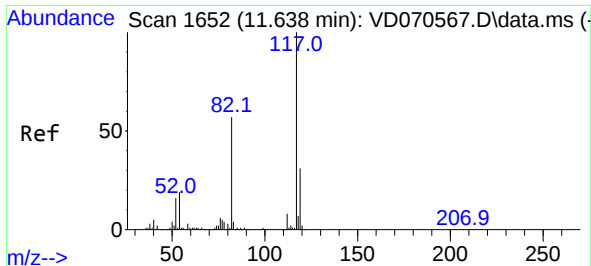
Tgt Ion: 98 Resp: 23486
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.457 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070636.D
Acq: 08 Oct 2021 13:56

Tgt Ion: 95 Resp: 7297
Ion Ratio Lower Upper
95 100
174 80.1 0.0 138.0
176 72.5 0.0 135.6

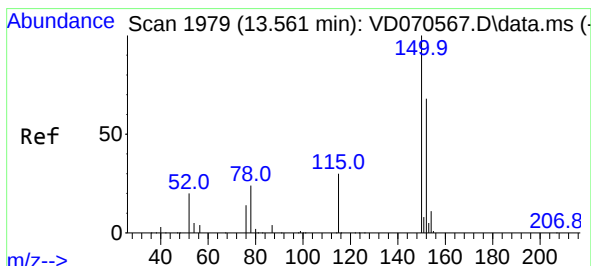
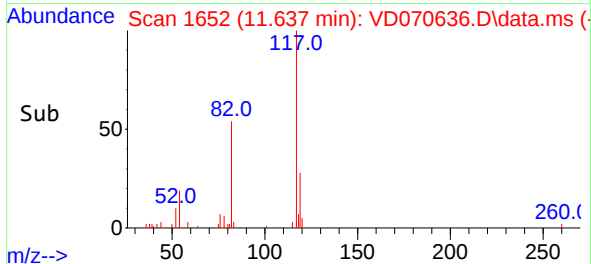
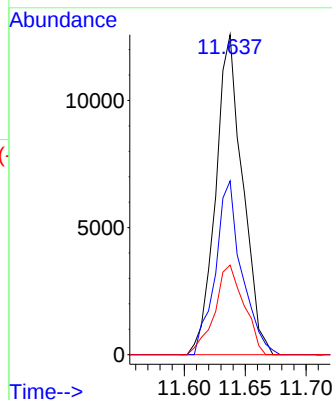
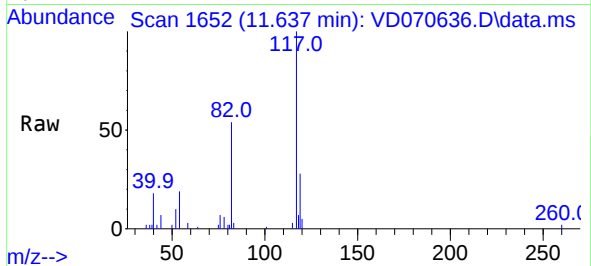




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070636.D
Acq: 08 Oct 2021 13:56

Instrument :
MSVOA_D
ClientSampled :
TP-3RE

Tgt Ion:	117	Resp:	19431
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.4	68.2
119	28.0	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: VD070636.D
Acq: 08 Oct 2021 13:56

Tgt Ion:	152	Resp:	7147
Ion	Ratio	Lower	Upper
152	100		
115	68.7	31.9	95.7
150	164.9	0.0	350.0

