

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070350.D
 Acq On : 14 Sep 2021 13:43
 Operator : VA/SY
 Sample : M3707-01RE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021RE

Quant Time: Sep 15 02:46:02 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	9223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	16572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19169	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8861	74.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.640%	
35) Dibromofluoromethane	7.908	113	5348	45.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.680%	
50) Toluene-d8	10.332	98	19532	45.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.200%	
62) 4-Bromofluorobenzene	12.626	95	8118	54.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.480%	

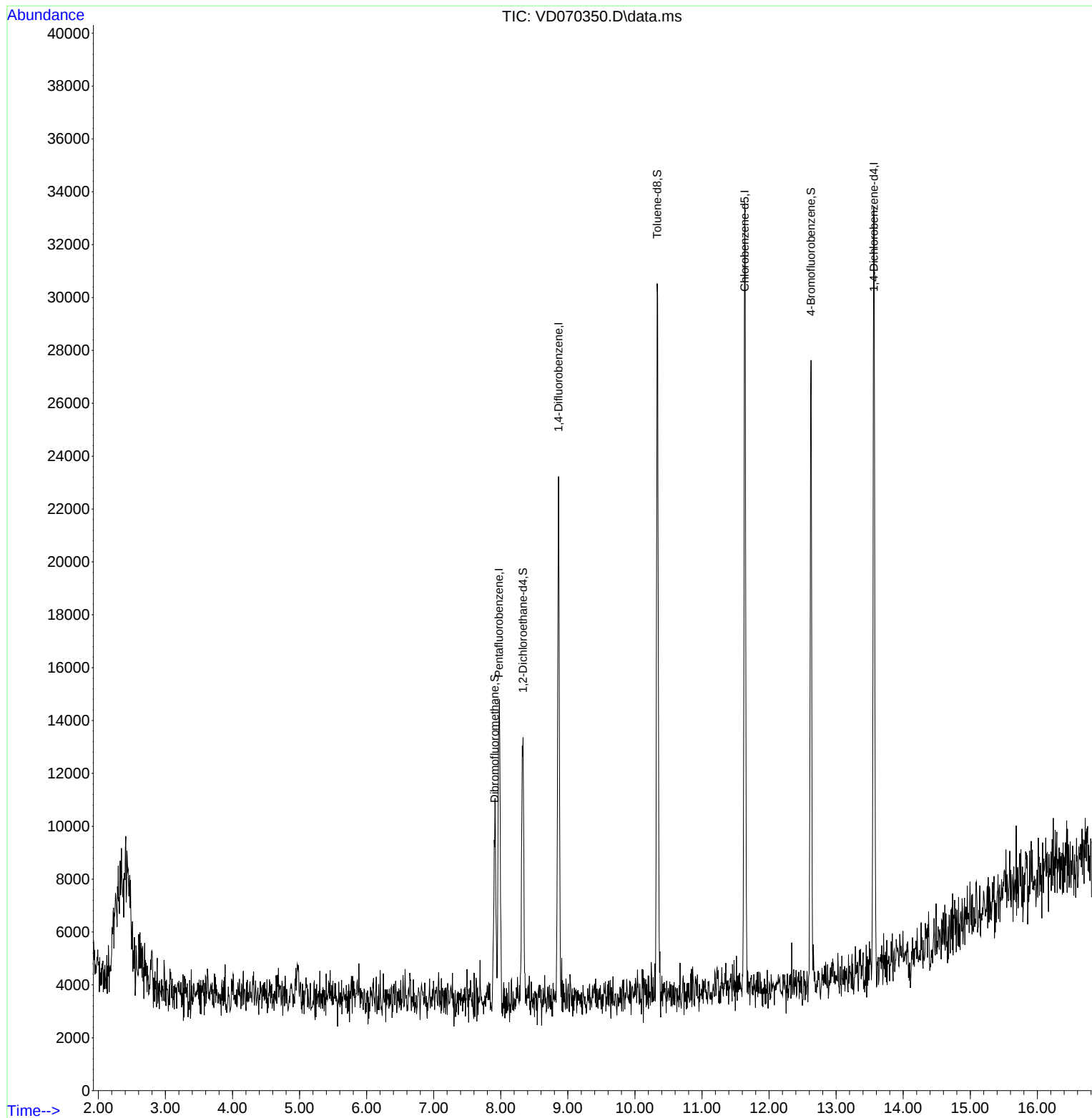
Target Compounds	Qvalue

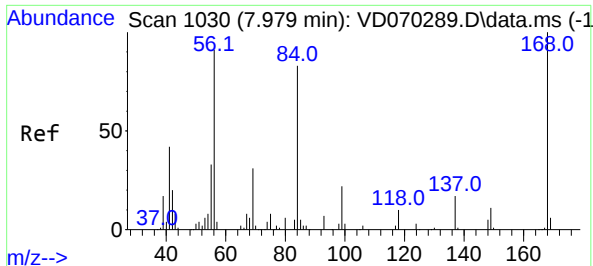
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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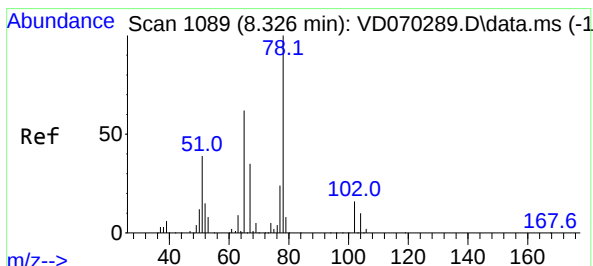
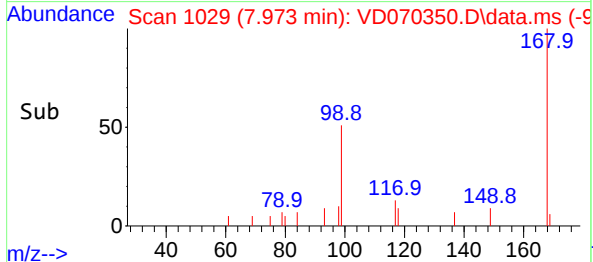
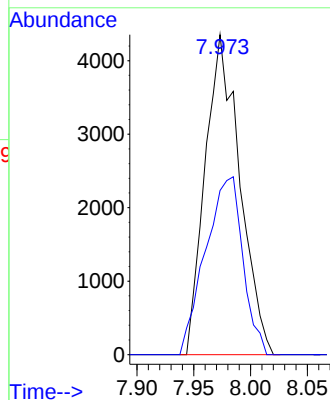
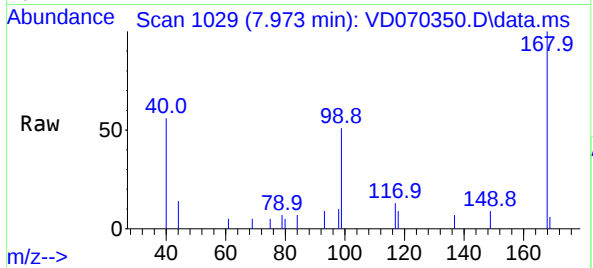




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

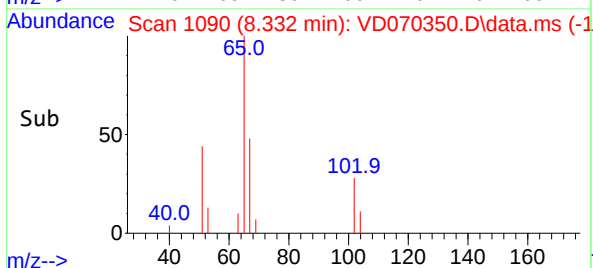
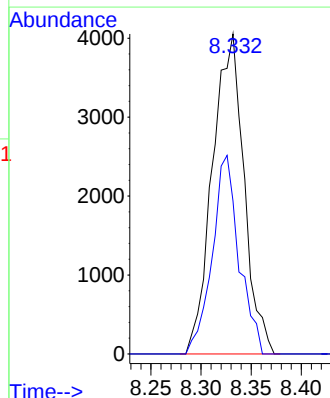
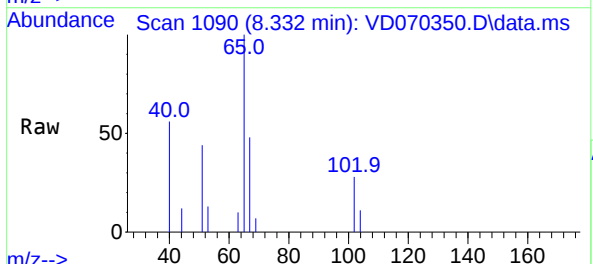
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

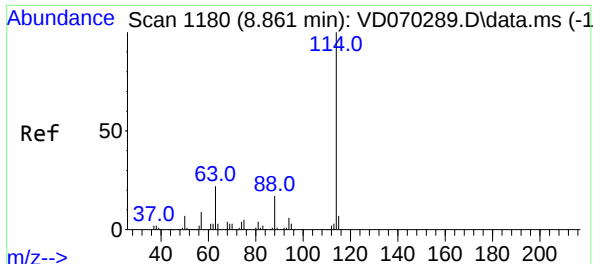
Tgt Ion:168 Resp: 9223
Ion Ratio Lower Upper
168 100
99 51.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 74.823 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 65 Resp: 8861
Ion Ratio Lower Upper
65 100
67 52.7 0.0 111.4



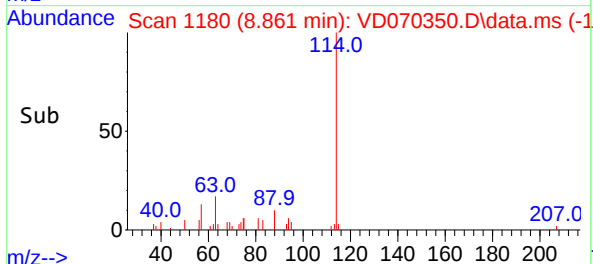
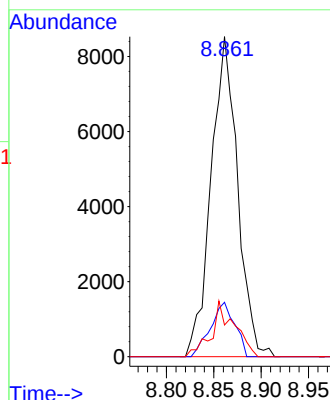
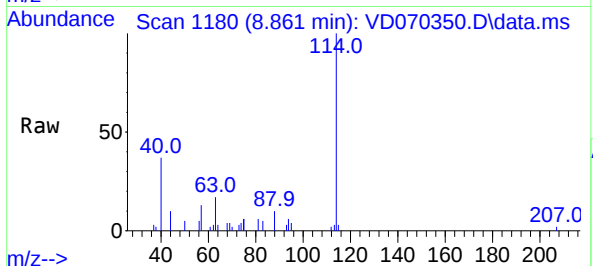


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

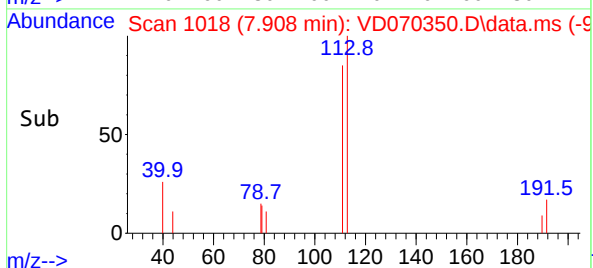
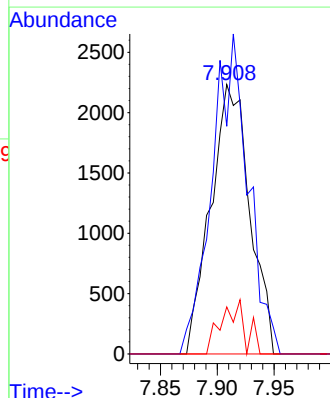
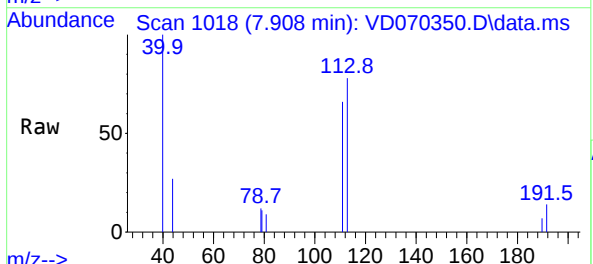
Tgt Ion:	114	Resp:	16572
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	43.4
88	9.9	0.0	33.4

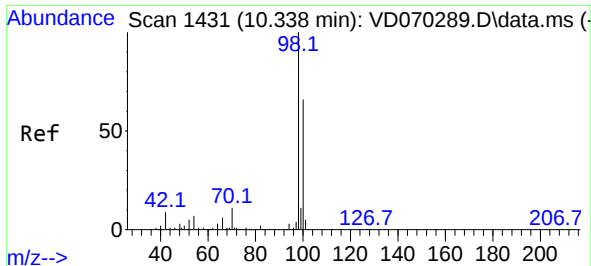


#35

Dibromofluoromethane
Concen: 45.337 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion:	113	Resp:	5348
Ion	Ratio	Lower	Upper
113	100		
111	109.2	81.4	122.2
192	12.2	13.0	19.6#

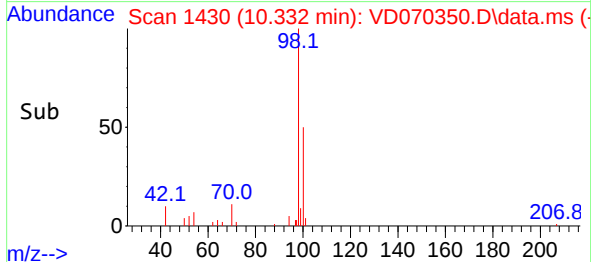
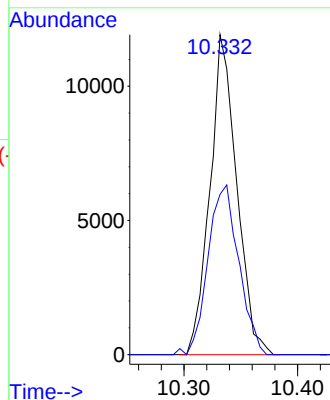
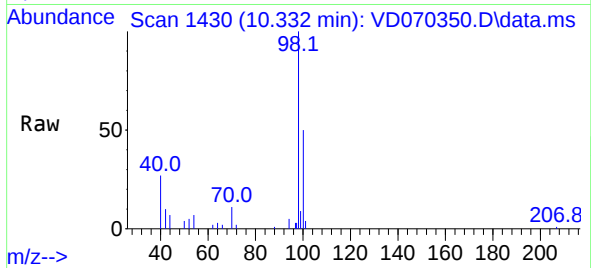




#50
Toluene-d8
Concen: 45.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

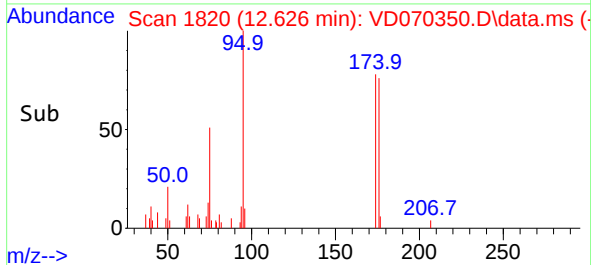
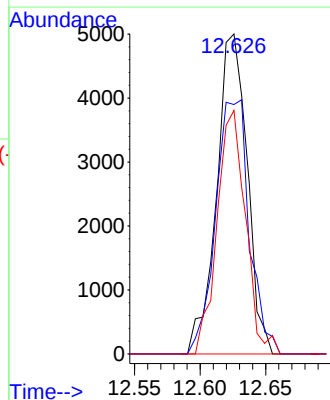
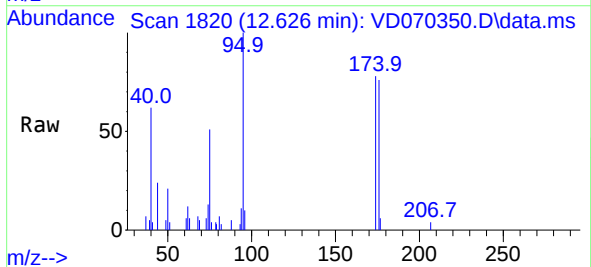
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021RE

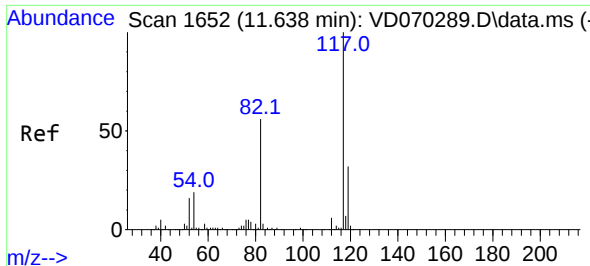
Tgt Ion: 98 Resp: 19532
Ion Ratio Lower Upper
98 100
100 60.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.235 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion: 95 Resp: 8118
Ion Ratio Lower Upper
95 100
174 87.2 0.0 140.6
176 70.9 0.0 137.4

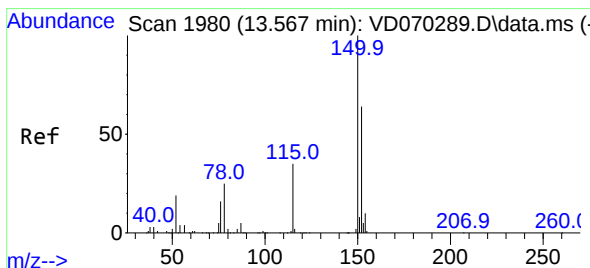
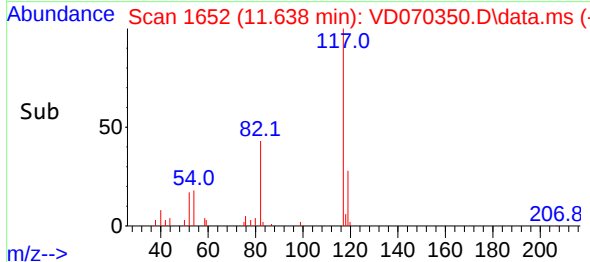
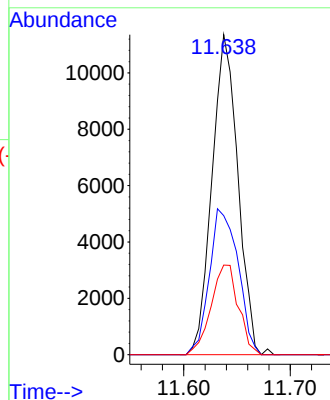
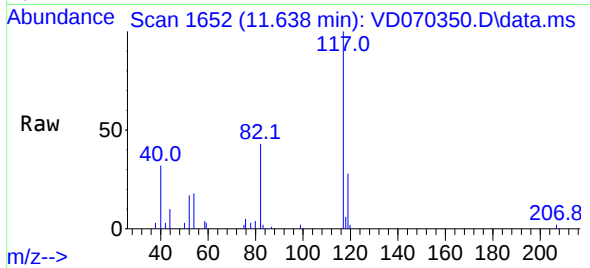




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Instrument :
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Tgt Ion:	117	Resp:	19169
Ion	Ratio	Lower	Upper
117	100		
82	43.4	45.0	67.4#
119	28.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070350.D
Acq: 14 Sep 2021 13:43

Tgt Ion:	152	Resp:	8789
Ion	Ratio	Lower	Upper
152	100		
115	56.5	32.1	96.3
150	139.4	0.0	350.6

