

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071034.D
 Acq On : 15 Nov 2021 18:04
 Operator : VA/SY
 Sample : M4602-05RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-5/6-WCRE

Quant Time: Nov 16 03:22:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	6218	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	12518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	10754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	5154	77.851	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.700%	
35) Dibromofluoromethane	7.908	113	2842	40.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.460%	
50) Toluene-d8	10.338	98	14676	53.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.626	95	5589	56.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.220%	

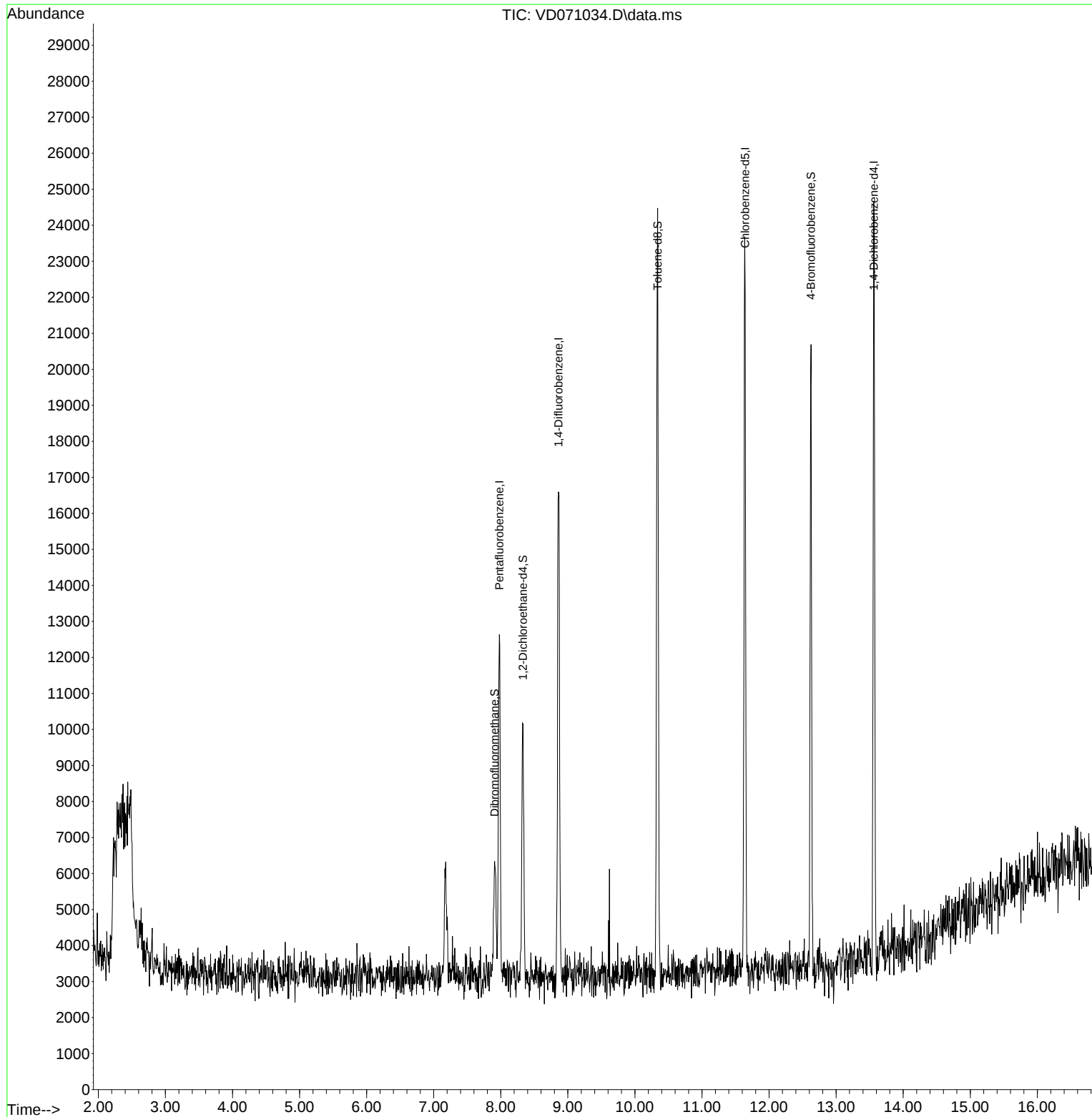
Target Compounds	Qvalue

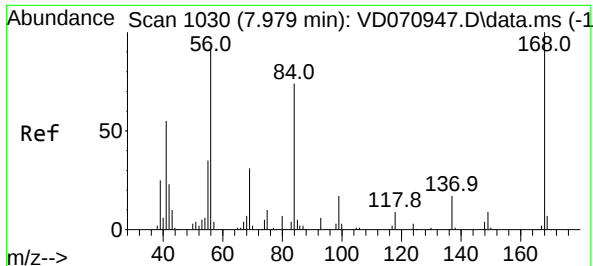
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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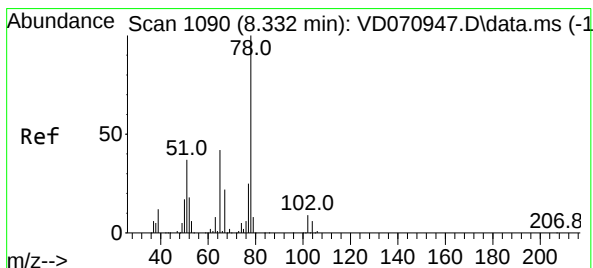
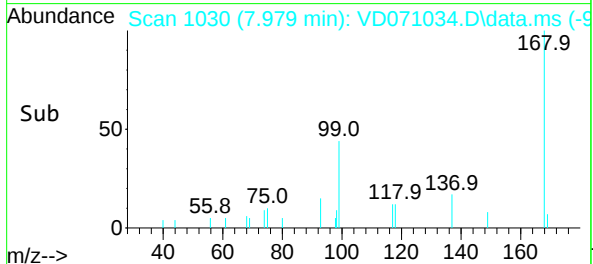
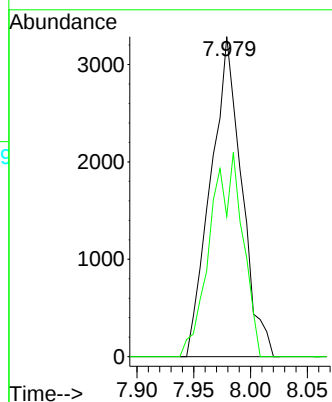
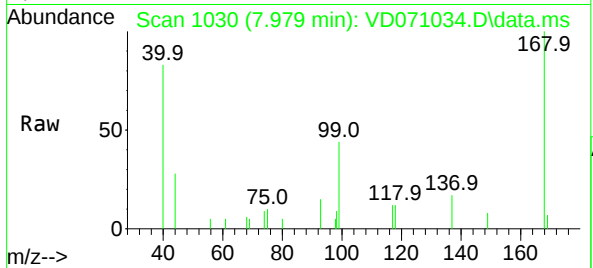




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

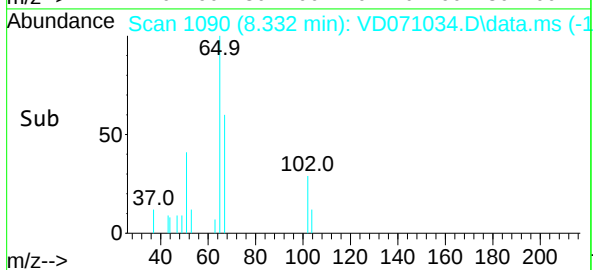
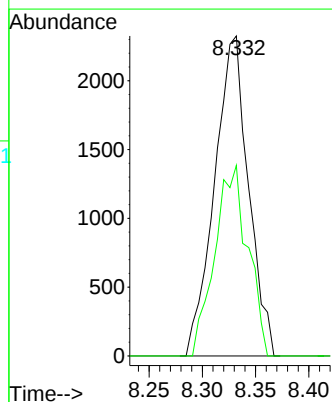
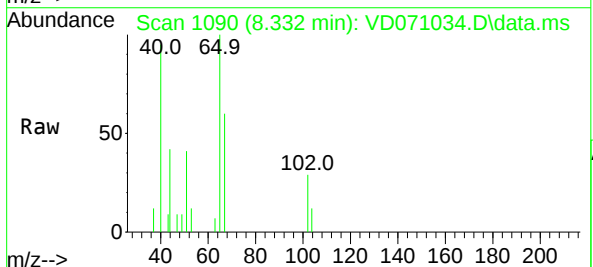
Instrument :
MSVOA_D
ClientSampleId :
R-LA-5/6-WCRE

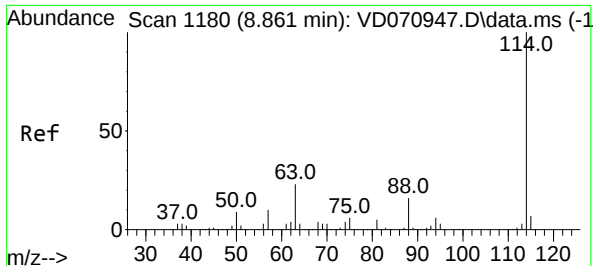
Tgt Ion:168 Resp: 6218
Ion Ratio Lower Upper
168 100
99 43.8 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 77.851 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

Tgt Ion: 65 Resp: 5154
Ion Ratio Lower Upper
65 100
67 57.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071034.D

Acq: 15 Nov 2021 18:04

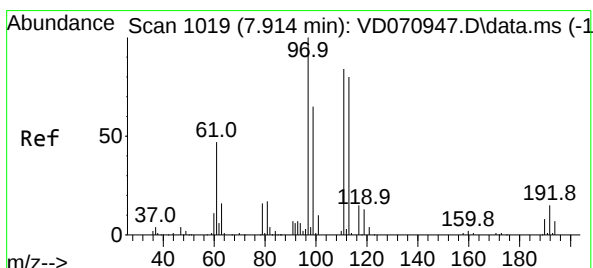
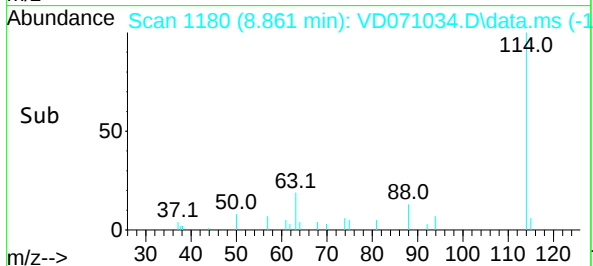
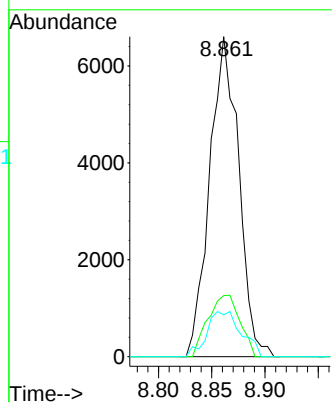
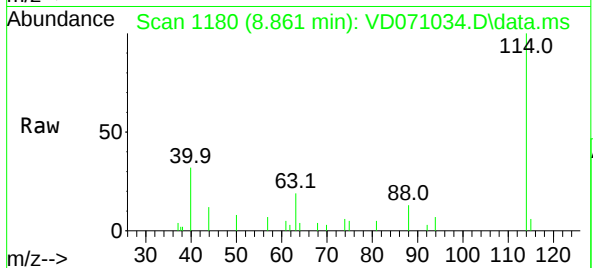
Instrument :

MSVOA_D

ClientSampleId :

R-LA-5/6-WCRE

Tgt Ion:114	Resp:	12518
Ion Ratio	Lower	Upper
114	100	
63	19.1	0.0 41.8
88	13.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 40.234 ug/l

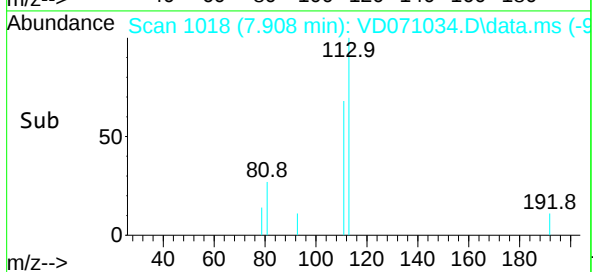
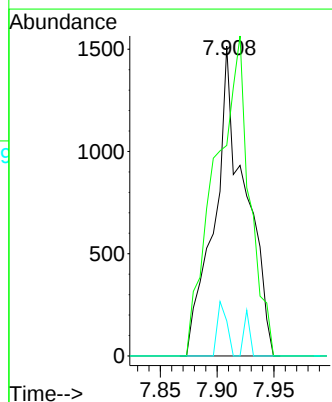
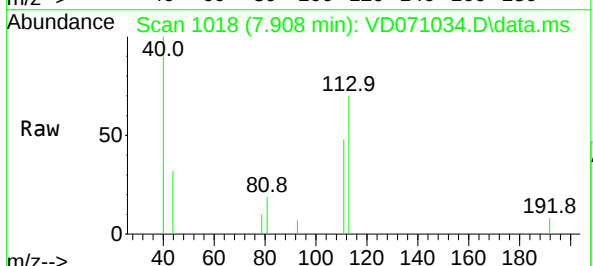
RT: 7.908 min Scan# 1018

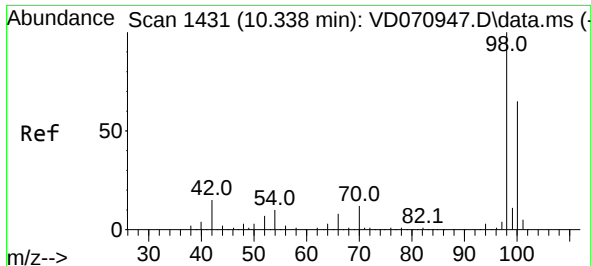
Delta R.T. -0.006 min

Lab File: VD071034.D

Acq: 15 Nov 2021 18:04

Tgt Ion:113	Resp:	2842
Ion Ratio	Lower	Upper
113	100	
111	0.0	82.0 123.0#
192	5.4	15.2 22.8#

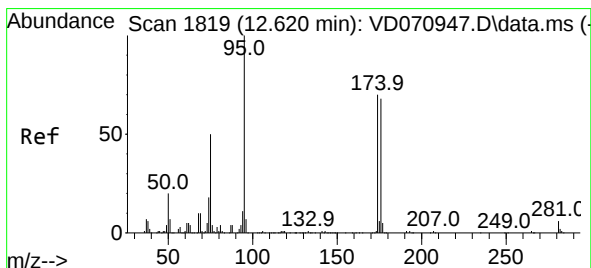
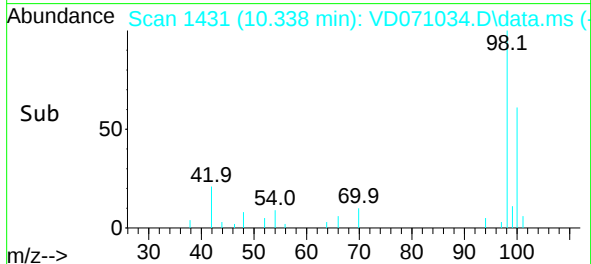
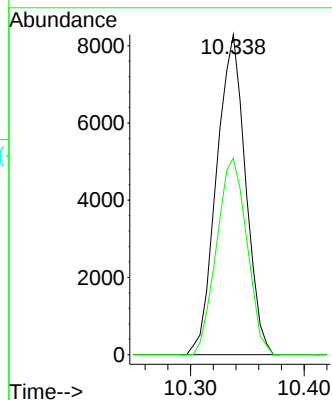
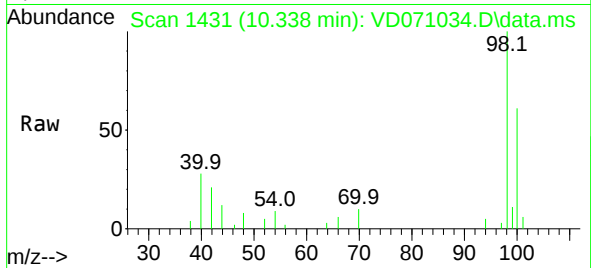




#50
Toluene-d8
Concen: 53.053 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

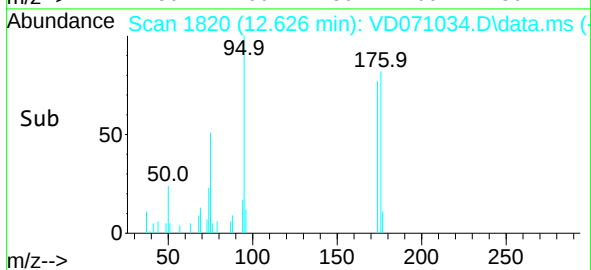
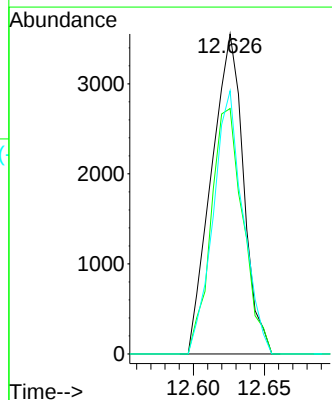
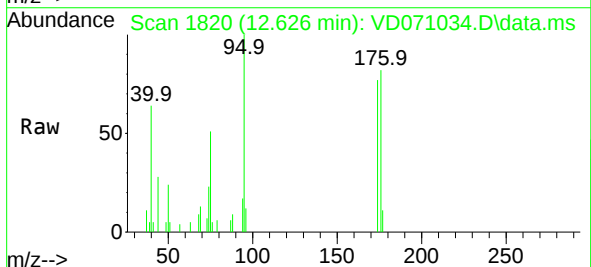
Instrument :
MSVOA_D
ClientSampleId :
R-LA-5/6-WCRE

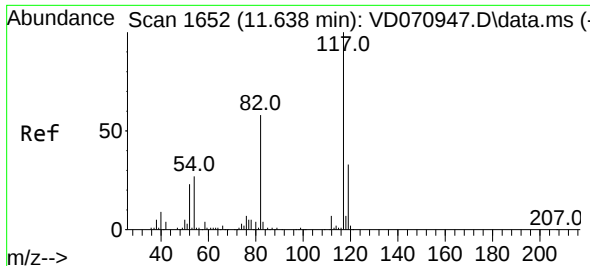
Tgt Ion: 98 Resp: 14676
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.113 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

Tgt Ion: 95 Resp: 5589
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 76.5 0.0 154.0

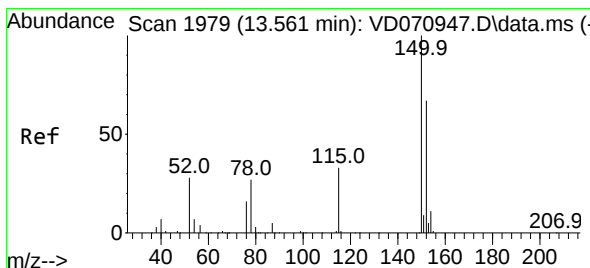
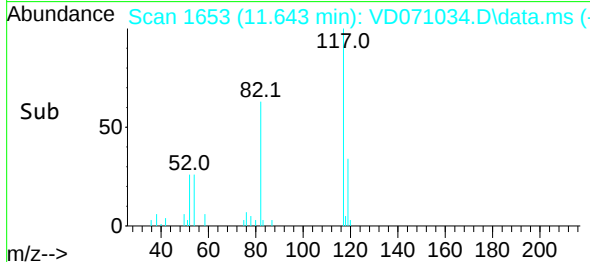
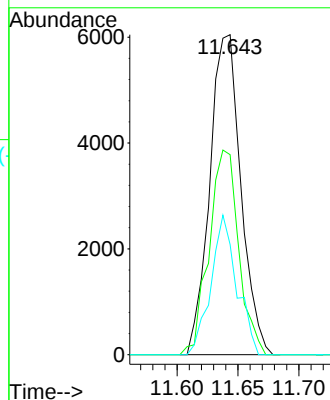
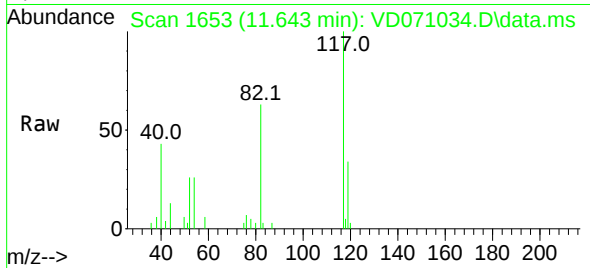




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1170
Delta R.T. 0.005 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

Instrument :
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ClientSampleId :
R-LA-5/6-WCRE

Tgt Ion:	117	Resp:	10754
Ion	Ratio	Lower	Upper
117	100		
82	62.5	44.7	67.1
119	34.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071034.D
Acq: 15 Nov 2021 18:04

Tgt Ion:	152	Resp:	5068
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.8	89.3
150	173.4	0.0	349.2

