

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068757.D
 Acq On : 01 Apr 2021 14:36
 Operator : VA/SY
 Sample : M1886-07
 Misc : 3.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124037

Quant Time: Apr 02 01:04:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	2484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	3933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	4599	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2412	96.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	192.60%#
35) Dibromofluoromethane	7.920	113	1067	43.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.20%
50) Toluene-d8	10.337	98	4654	49.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.66%
62) 4-Bromofluorobenzene	12.631	95	1641	53.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.30%

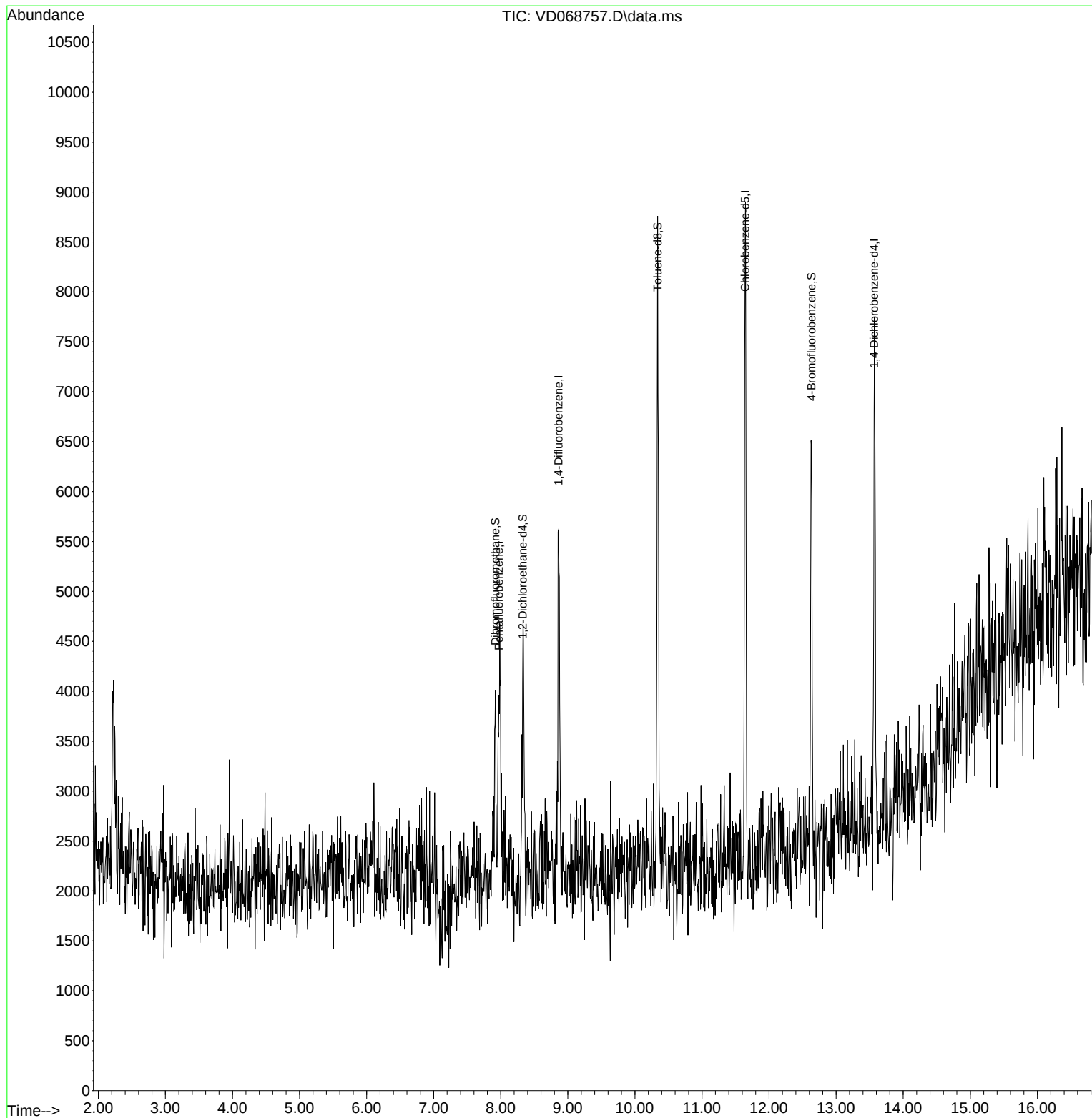
Target Compounds	Qvalue

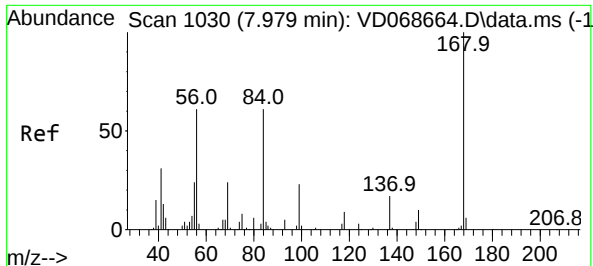
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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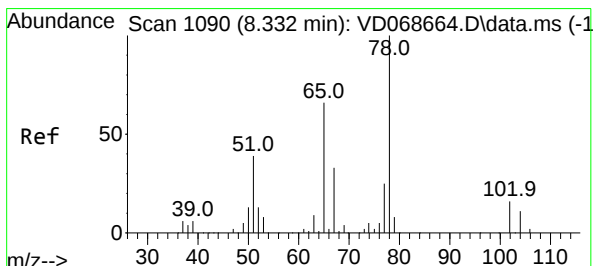
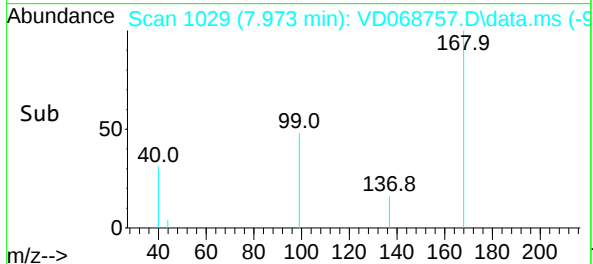
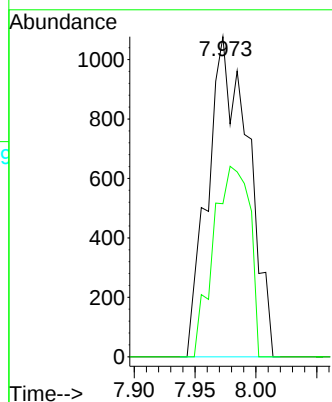
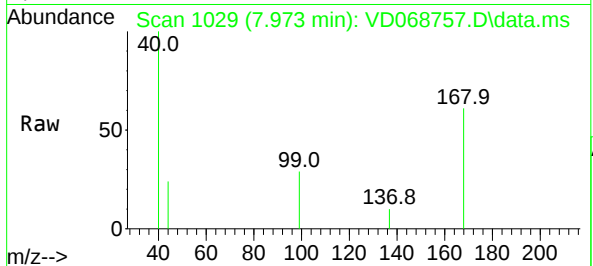




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

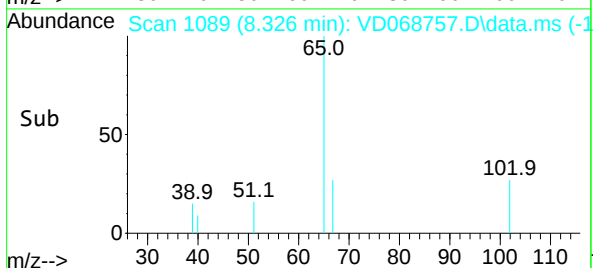
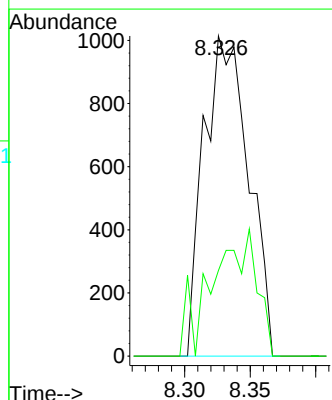
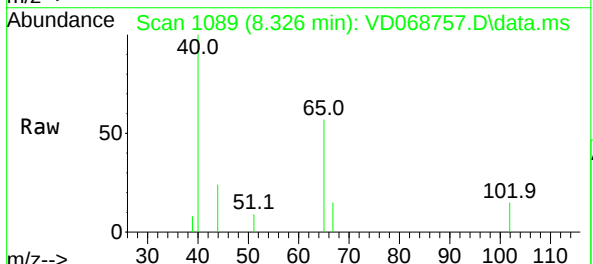
Instrument :
MSVOA_D
ClientSampleId :
RO-124037

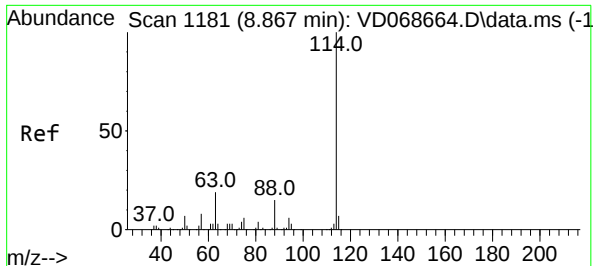
Tgt Ion:168 Resp: 2484
Ion Ratio Lower Upper
168 100
99 47.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 96.30 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 65 Resp: 2412
Ion Ratio Lower Upper
65 100
67 0.0 0.0 106.0



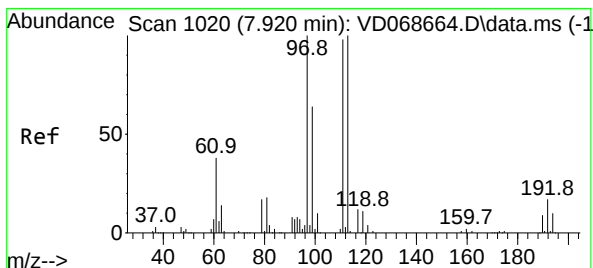
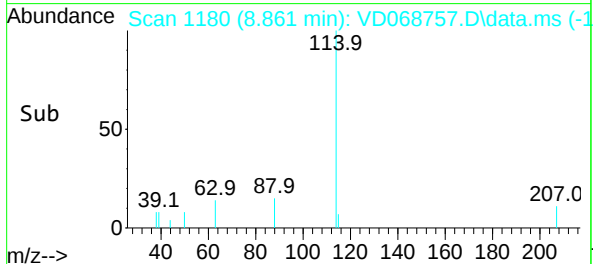
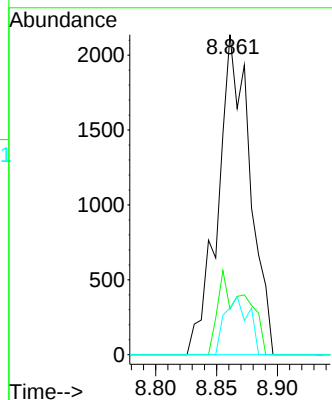
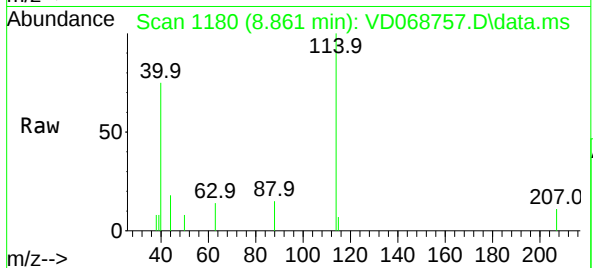


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
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RO-124037

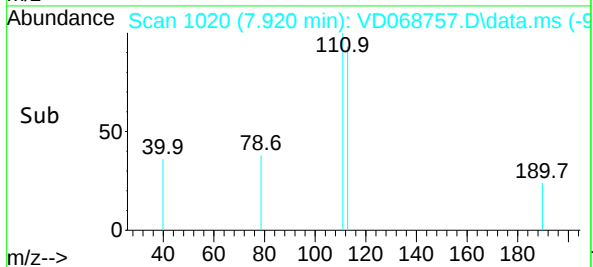
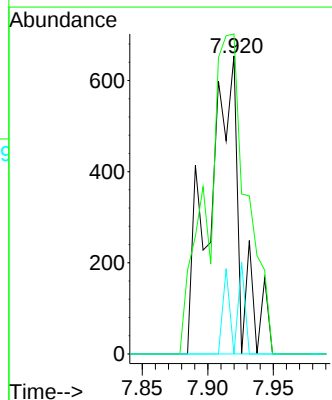
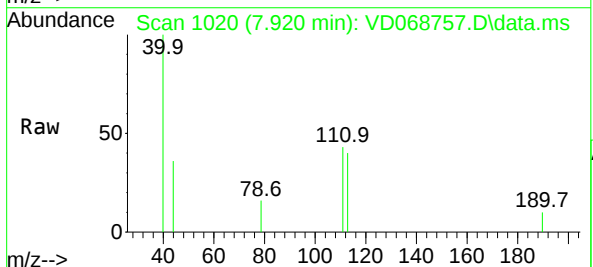
Tgt Ion:114 Resp: 3933
Ion Ratio Lower Upper
114 100
63 14.3 0.0 38.2
88 14.6 0.0 29.4

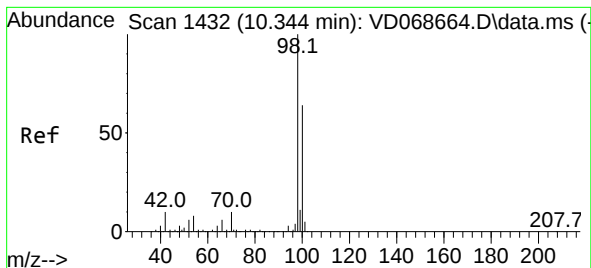


#35

Dibromofluoromethane
Concen: 43.60 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion:113 Resp: 1067
Ion Ratio Lower Upper
113 100
111 137.4 82.5 123.7#
192 12.8 15.1 22.7#

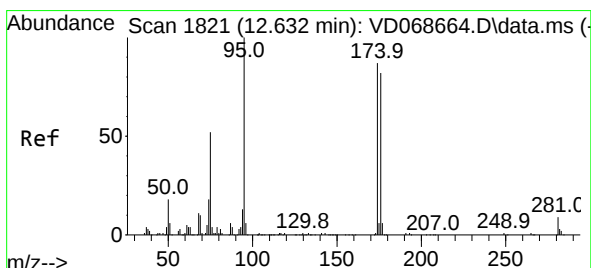
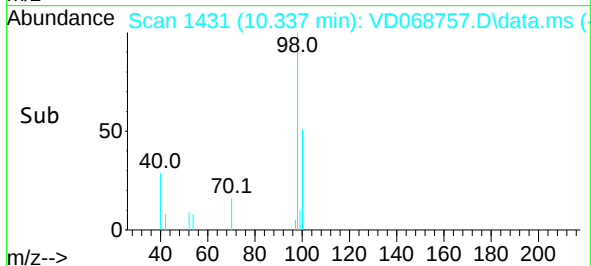
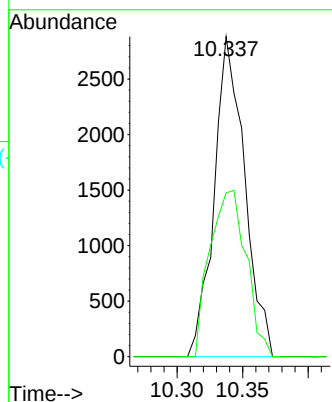
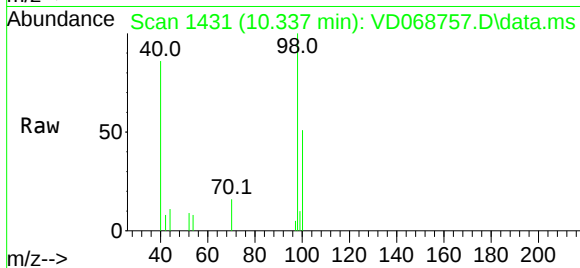




#50
Toluene-d8
Concen: 49.33 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

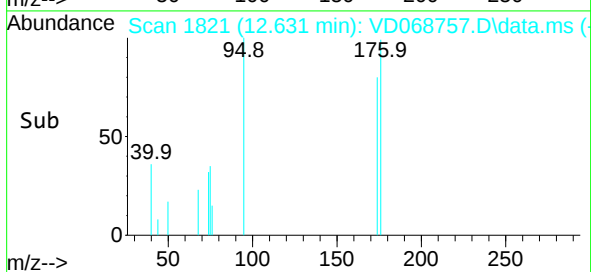
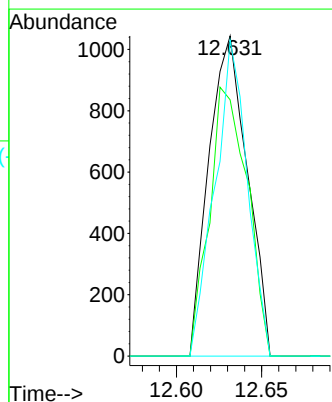
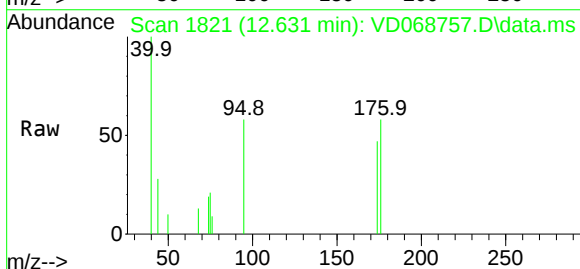
Instrument :
MSVOA_D
ClientSampleId :
RO-124037

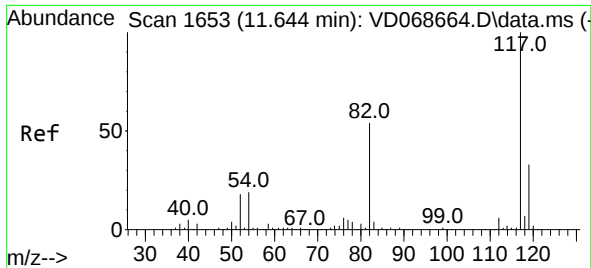
Tgt Ion: 98 Resp: 4654
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.65 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion: 95 Resp: 1641
Ion Ratio Lower Upper
95 100
174 82.7 0.0 168.0
176 83.6 0.0 160.2

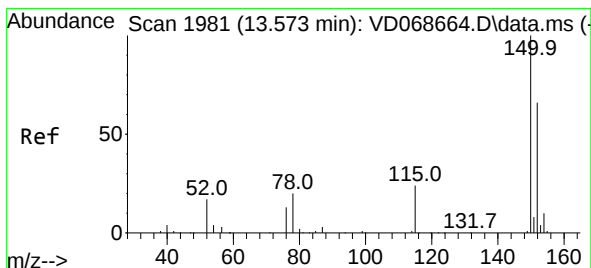
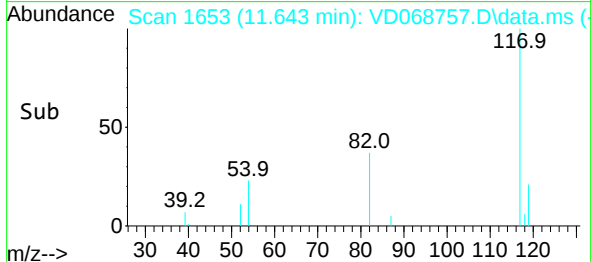
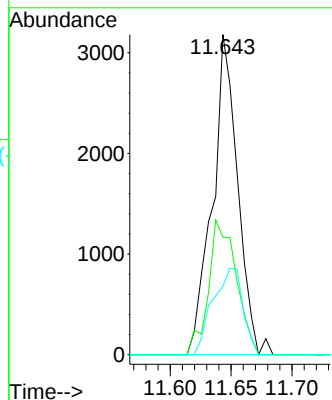
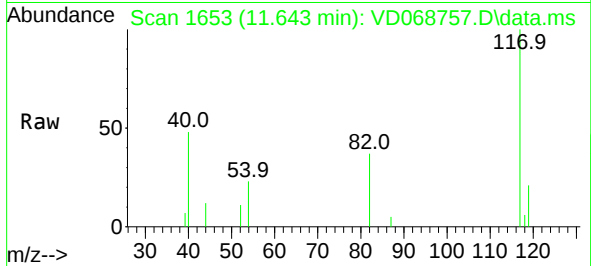




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Instrument :
MSVOA_D
ClientSampled :
RO-124037

Tgt Ion:117	Resp:	4599
Ion	Ratio	Lower Upper
117	100	
82	36.7	43.5 65.3#
119	21.4	26.7 40.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD068757.D
Acq: 01 Apr 2021 14:36

Tgt Ion:152	Resp:	2122
Ion	Ratio	Lower Upper
152	100	
115	38.5	29.3 87.8
150	118.0	0.0 347.6

