

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069184.D
 Acq On : 14 May 2021 18:44
 Operator : VA/SY
 Sample : M2372-03
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27051

Quant Time: May 15 02:36:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	189956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	371945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	341350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	132825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	130755	68.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.32%
35) Dibromofluoromethane	7.914	113	134254	55.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.94%
50) Toluene-d8	10.338	98	468757	52.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.42%
62) 4-Bromofluorobenzene	12.632	95	140491	49.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.18%

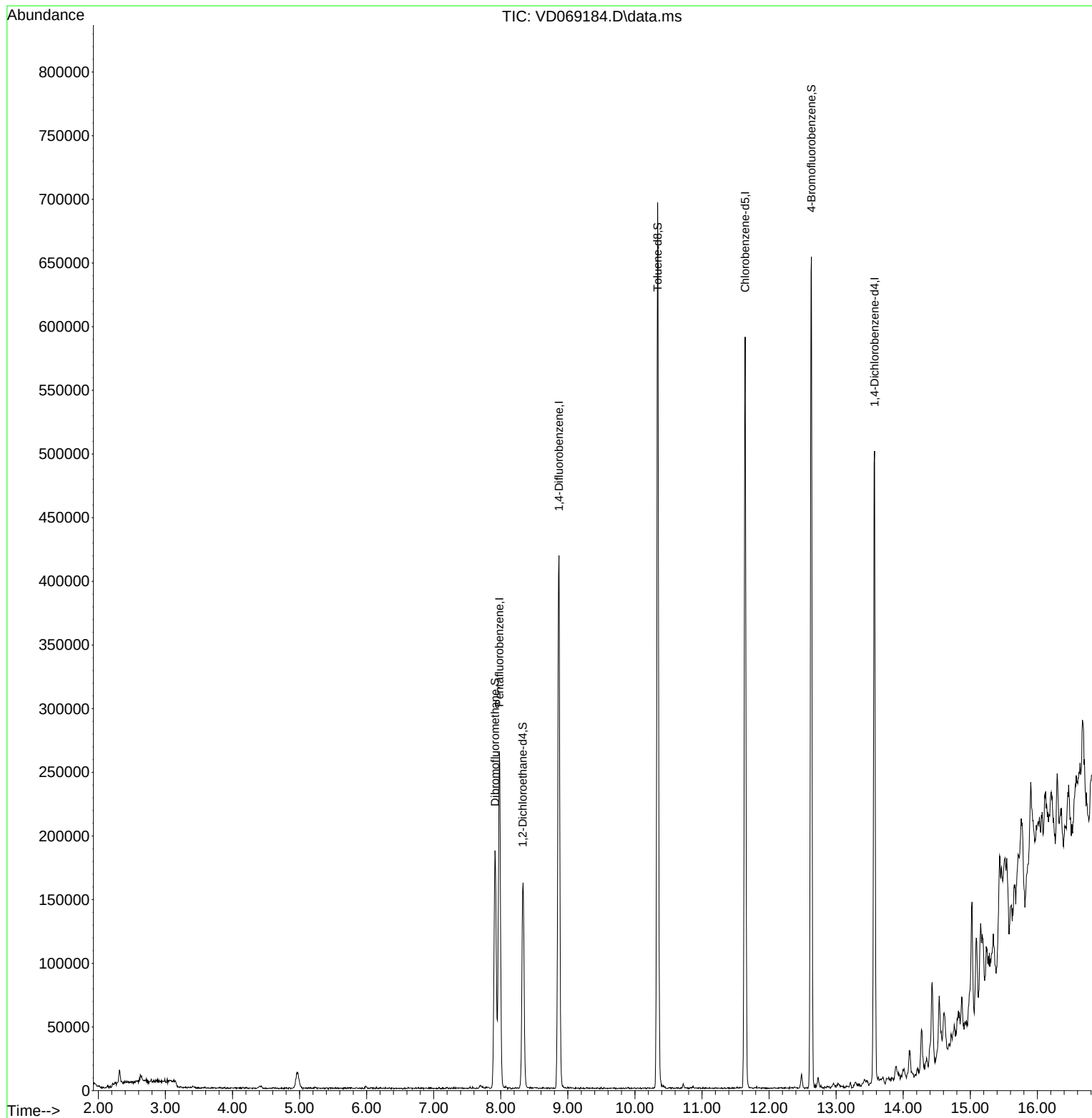
Target Compounds	Qvalue

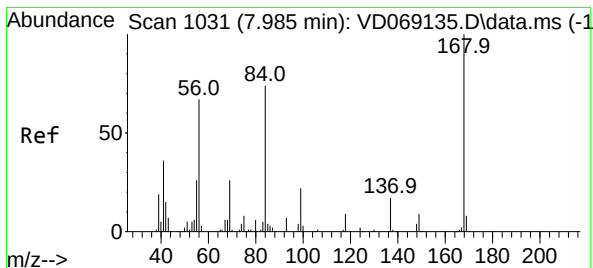
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069184.D

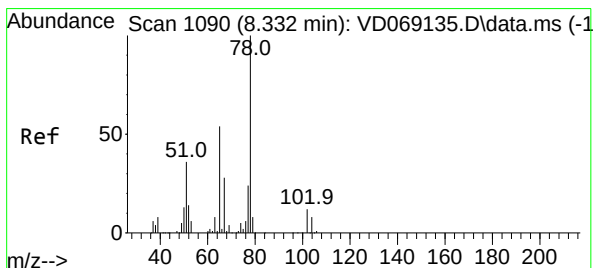
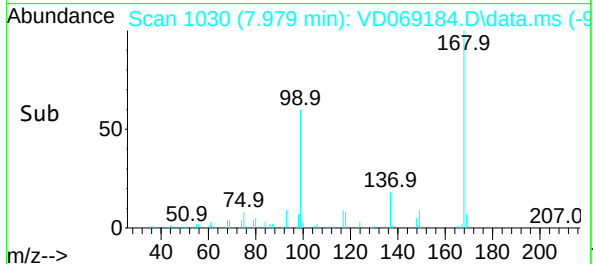
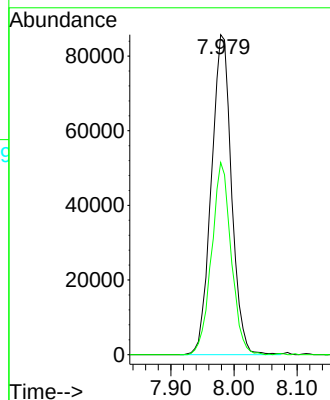
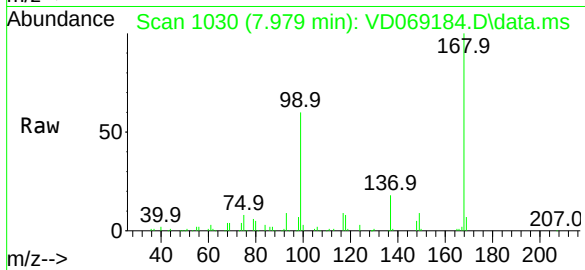
Acq: 14 May 2021 18:44

Tgt Ion:168 Resp: 189956

Ion Ratio Lower Upper

168 100

99 60.1 47.2 70.8



#33

1,2-Dichloroethane-d4

Concen: 68.66 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD069184.D

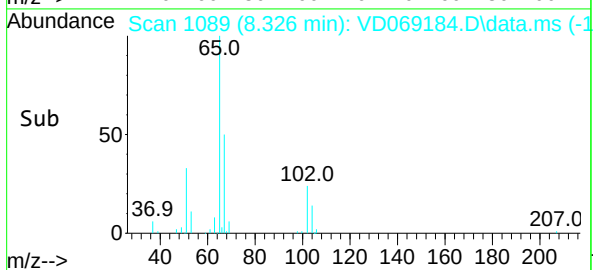
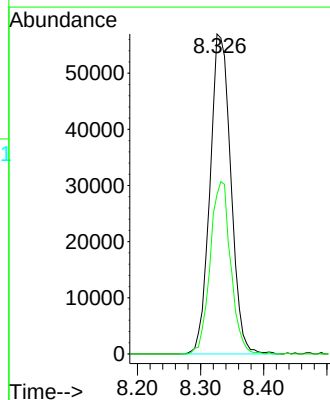
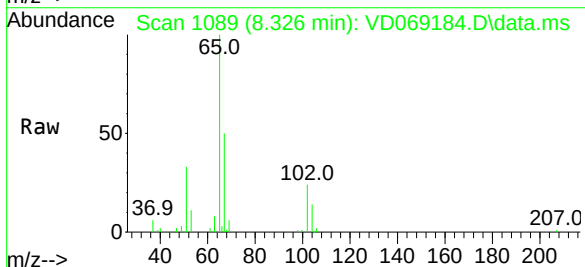
Acq: 14 May 2021 18:44

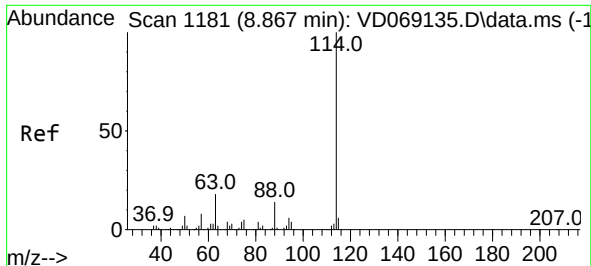
Tgt Ion: 65 Resp: 130755

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069184.D

Acq: 14 May 2021 18:44

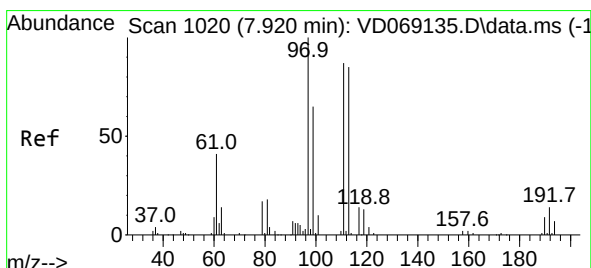
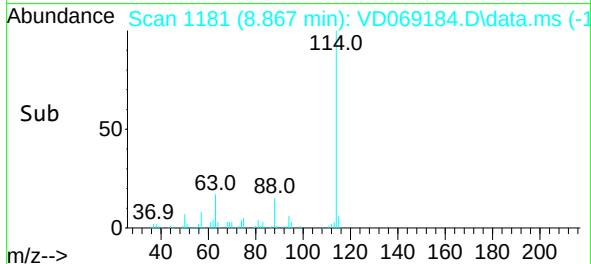
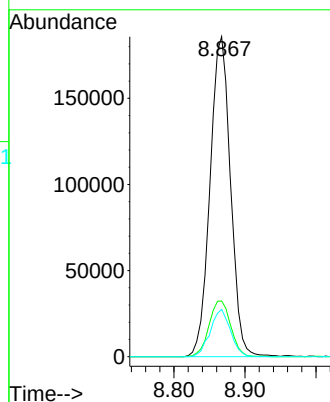
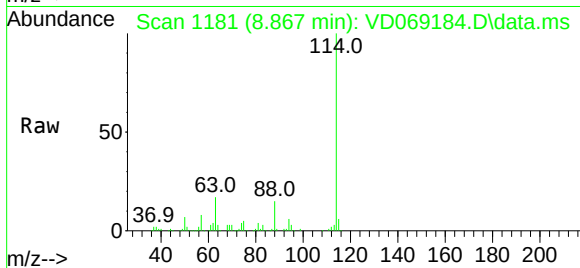
Instrument :

MSVOA_D

ClientSampleId :

CHRT-27051

Tgt Ion:	114	Resp:	371945
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.4
88	14.8	0.0	28.2



#35

Dibromofluoromethane

Concen: 55.47 ug/l

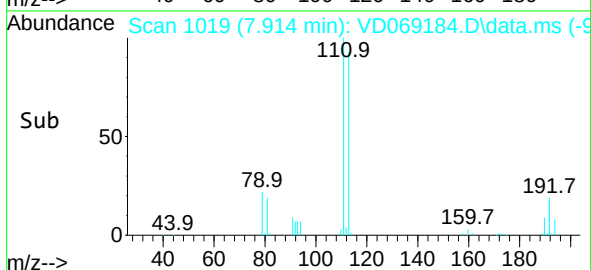
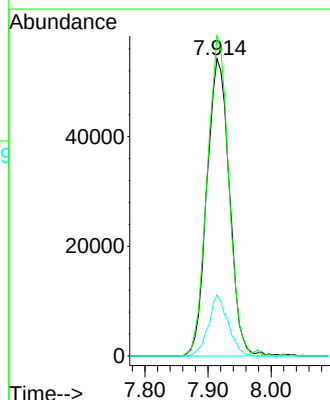
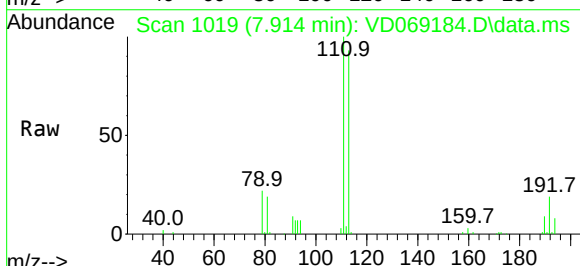
RT: 7.914 min Scan# 1019

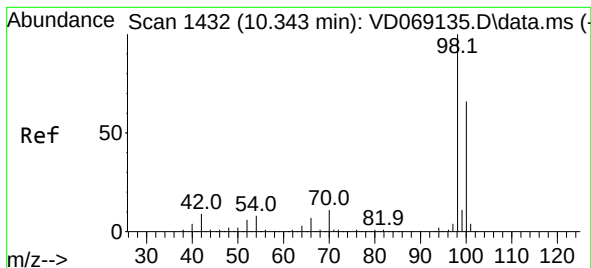
Delta R.T. -0.006 min

Lab File: VD069184.D

Acq: 14 May 2021 18:44

Tgt Ion:	113	Resp:	134254
Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	120.8
192	17.9	14.8	22.2

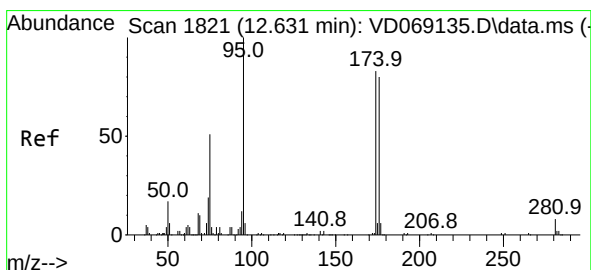
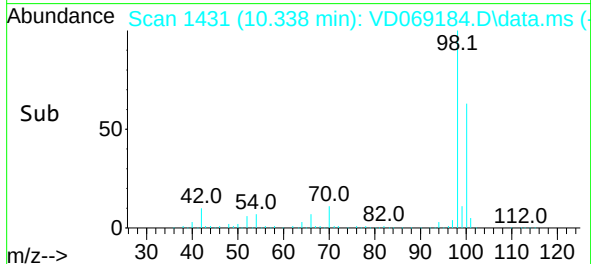
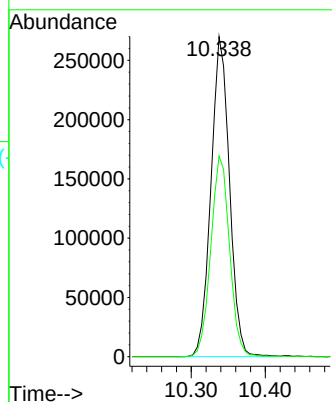
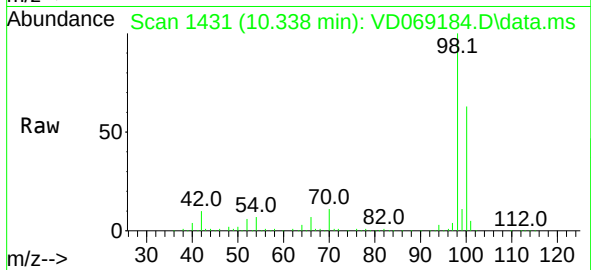




#50
Toluene-d8
Concen: 52.71 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

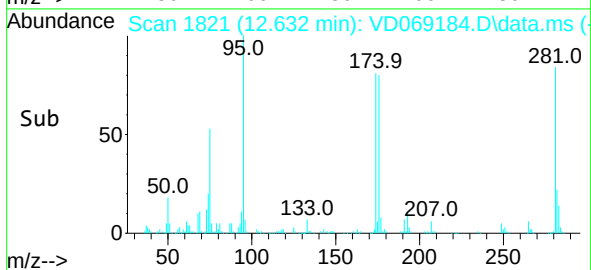
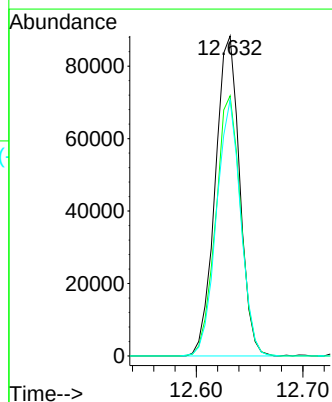
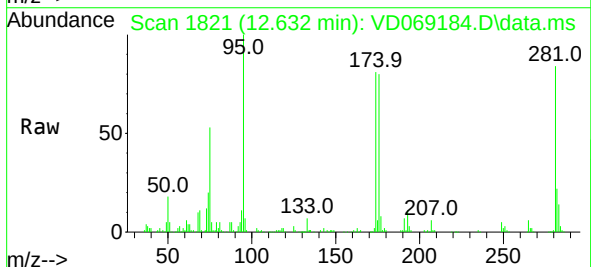
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

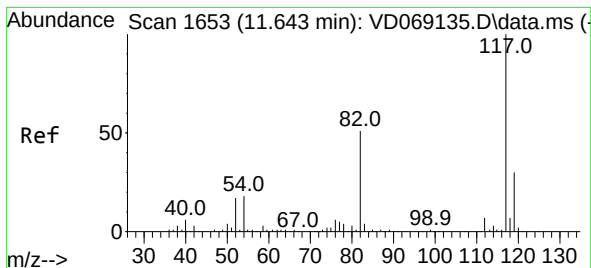
Tgt Ion: 98 Resp: 468757
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion: 95 Resp: 140491
Ion Ratio Lower Upper
95 100
174 83.0 0.0 171.8
176 79.2 0.0 165.4

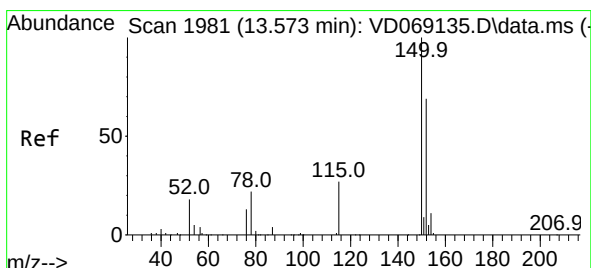
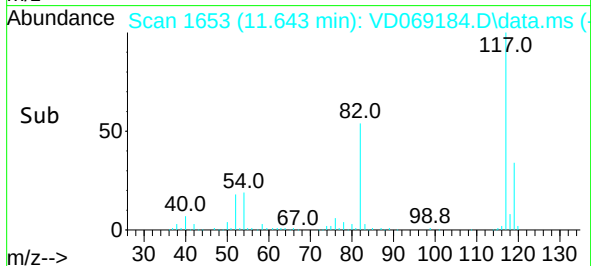
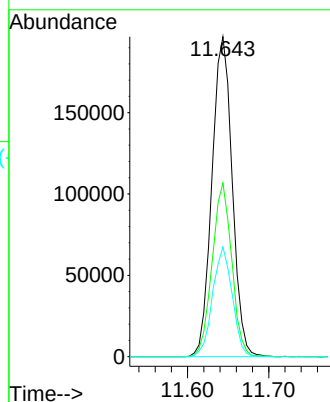
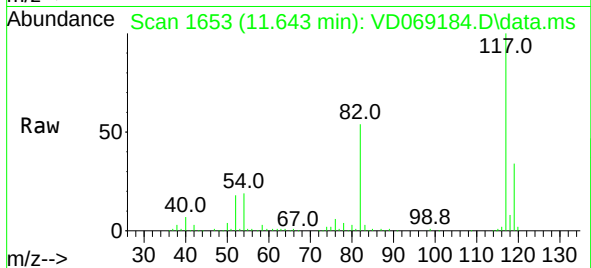




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27051

Tgt Ion:117 Resp: 341350
Ion Ratio Lower Upper
117 100
82 54.3 40.5 60.7
119 34.3 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069184.D
Acq: 14 May 2021 18:44

Tgt Ion:152 Resp: 132825
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.8
150 157.4 0.0 350.2

