

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068870.D
 Acq On : 16 Apr 2021 12:24
 Operator : VA/SY
 Sample : VD0416SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

Quant Time: Apr 16 23:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	206989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	368572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	405794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	201394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96339	44.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.08%
35) Dibromofluoromethane	7.914	113	114284	47.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.34%
50) Toluene-d8	10.338	98	467555	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.632	95	174632	58.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.28%

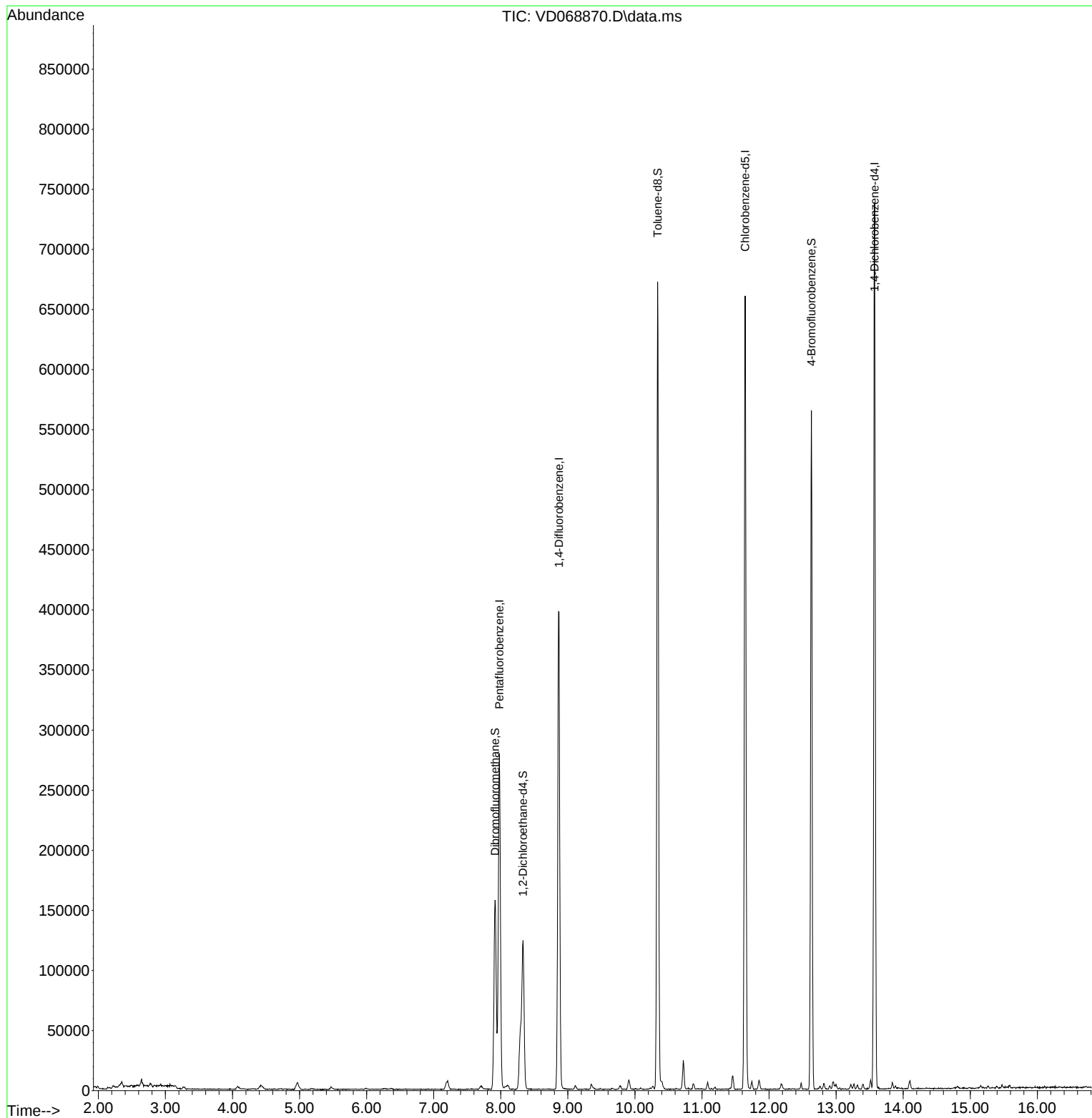
Target Compounds	Qvalue

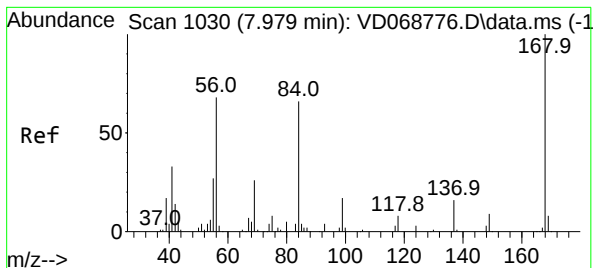
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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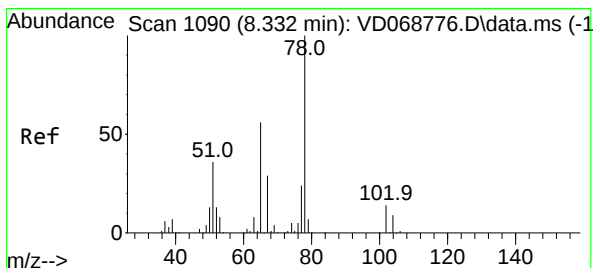
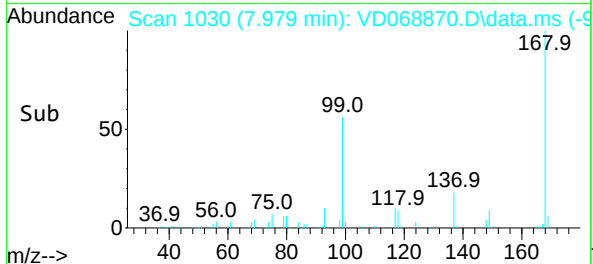
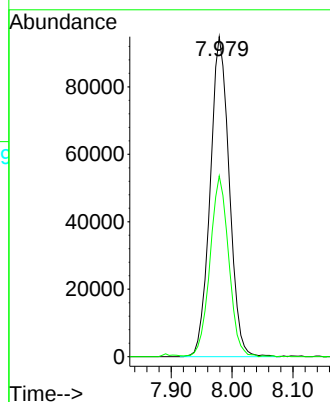
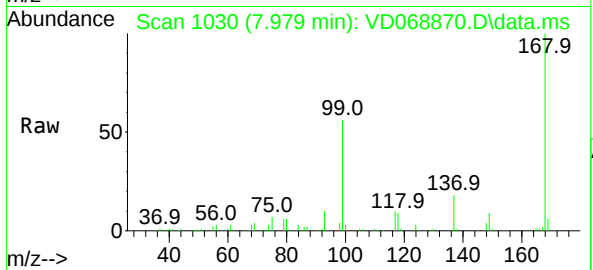




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

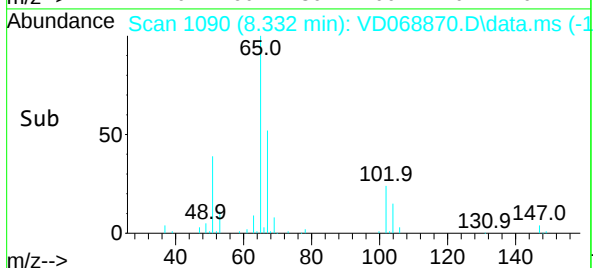
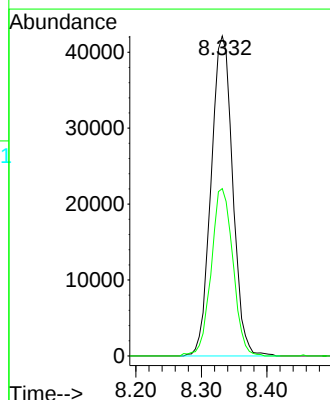
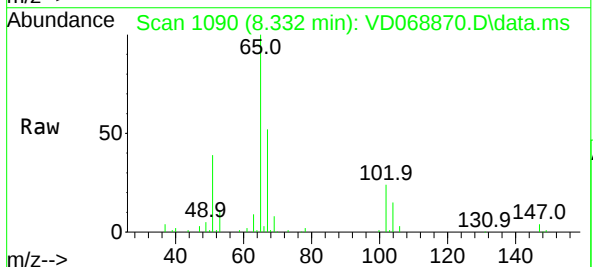
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

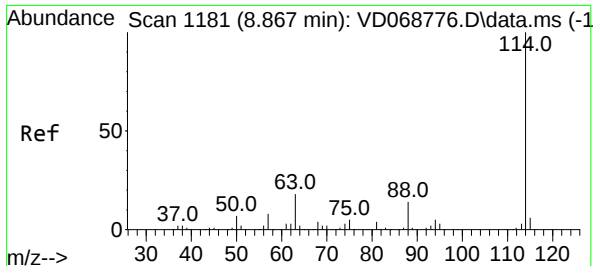
Tgt Ion:168 Resp: 206989
Ion Ratio Lower Upper
168 100
99 56.3 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 44.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion: 65 Resp: 96339
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD068870.D

Acq: 16 Apr 2021 12:24

Tgt Ion:114 Resp: 368572

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.2

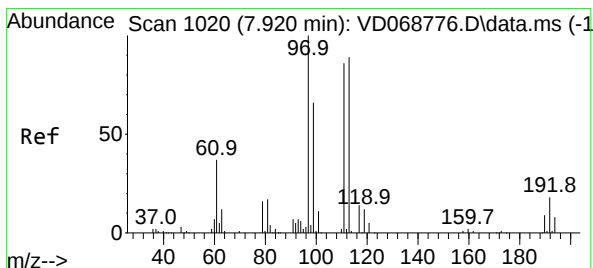
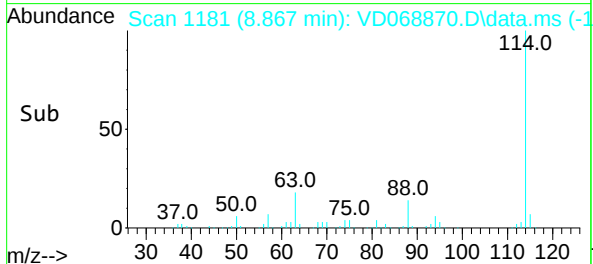
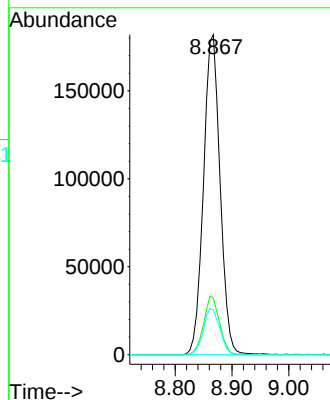
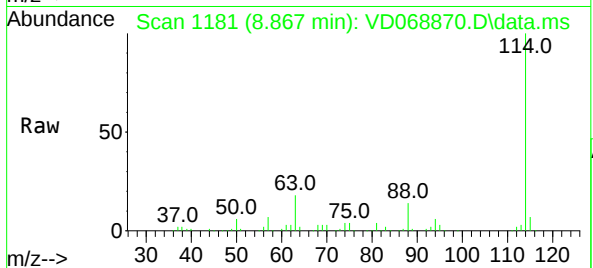
88 14.1 0.0 29.4

Instrument :

MSVOA_D

ClientSampleId :

VD0416SBL01



#35

Dibromofluoromethane

Concen: 47.67 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068870.D

Acq: 16 Apr 2021 12:24

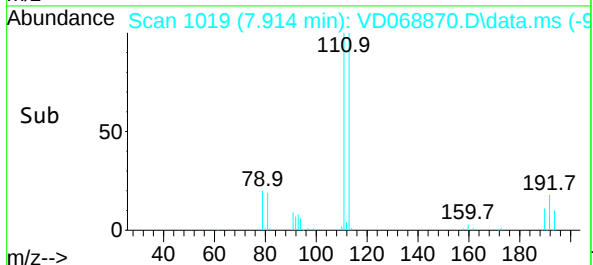
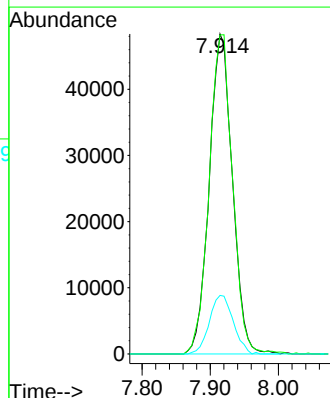
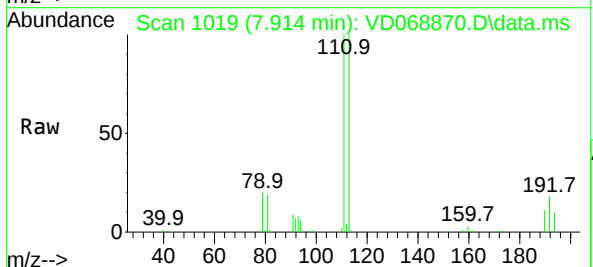
Tgt Ion:113 Resp: 114284

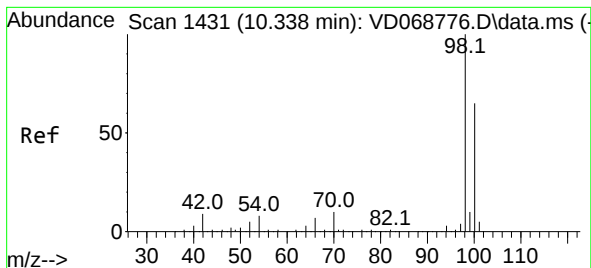
Ion Ratio Lower Upper

113 100

111 101.0 82.5 123.7

192 18.9 15.1 22.7

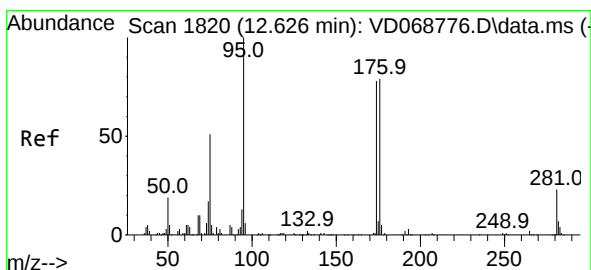
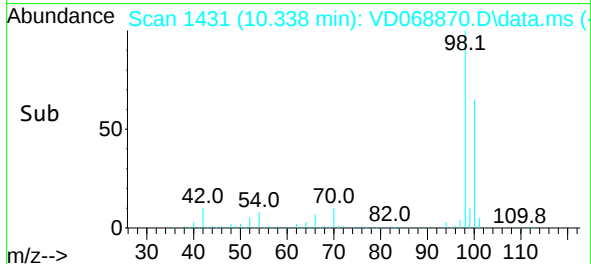
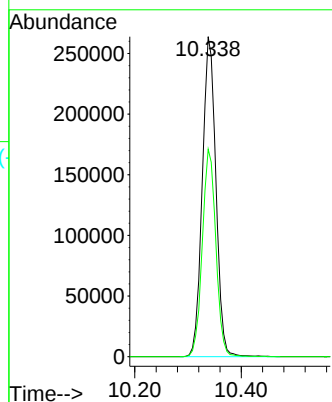
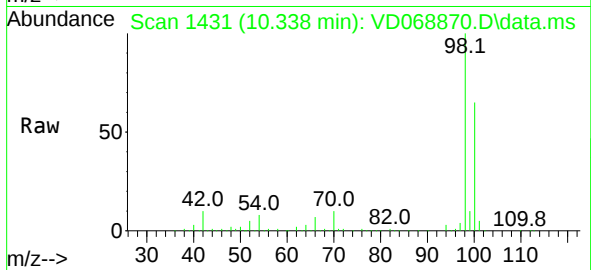




#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

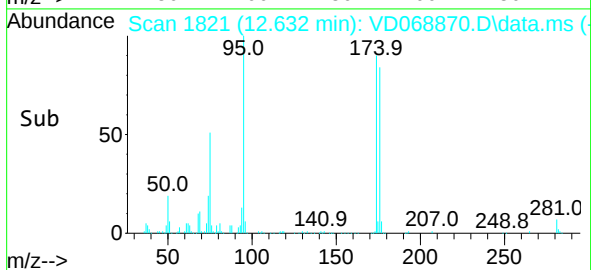
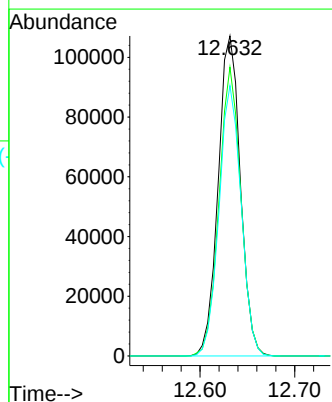
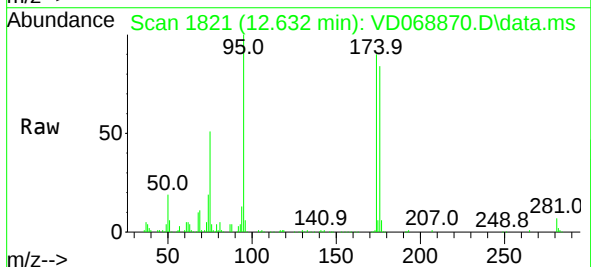
Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

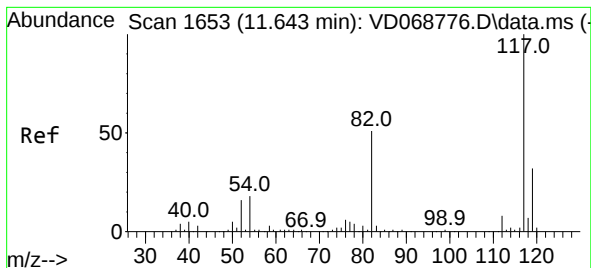
Tgt Ion: 98 Resp: 467555
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion: 95 Resp: 174632
Ion Ratio Lower Upper
95 100
174 88.4 0.0 168.0
176 84.3 0.0 160.2

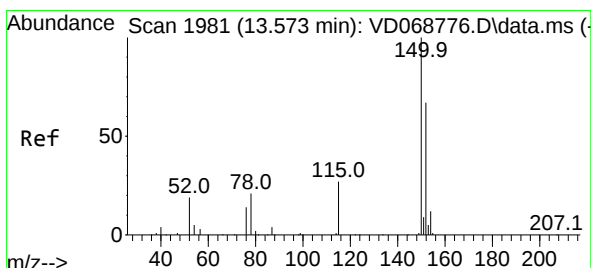
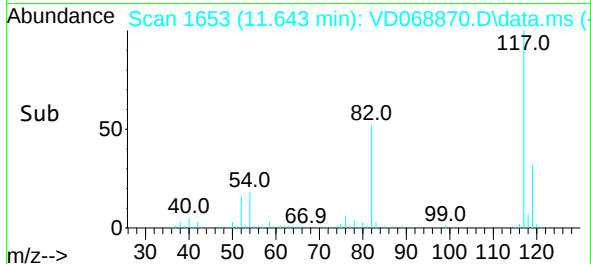
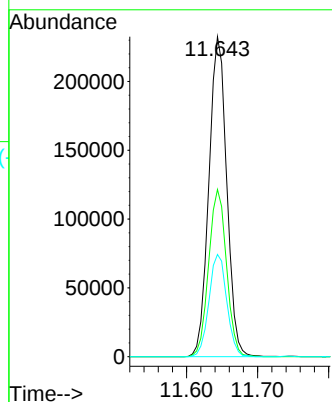
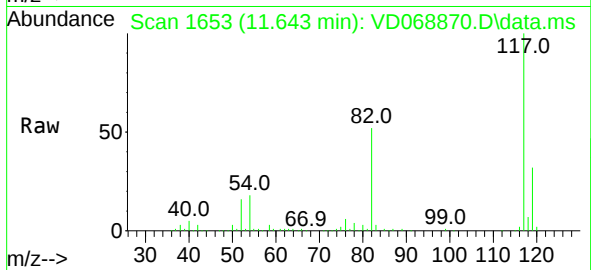




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

Tgt Ion:117 Resp: 405794
Ion Ratio Lower Upper
117 100
82 52.2 43.5 65.3
119 32.0 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068870.D
Acq: 16 Apr 2021 12:24

Tgt Ion:152 Resp: 201394
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 157.8 0.0 347.6

