

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100219\
 Data File : VD063870.D
 Acq On : 02 Oct 2019 20:30
 Operator : VA/SY
 Sample : VD1002SBL04
 Misc : 5.00g/5.00mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBL04

Quant Time: Oct 03 04:38:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	179705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	296325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	289021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	93939	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
35) Dibromofluoromethane	7.92	113	89436	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.34	98	369072	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.63	95	116013	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

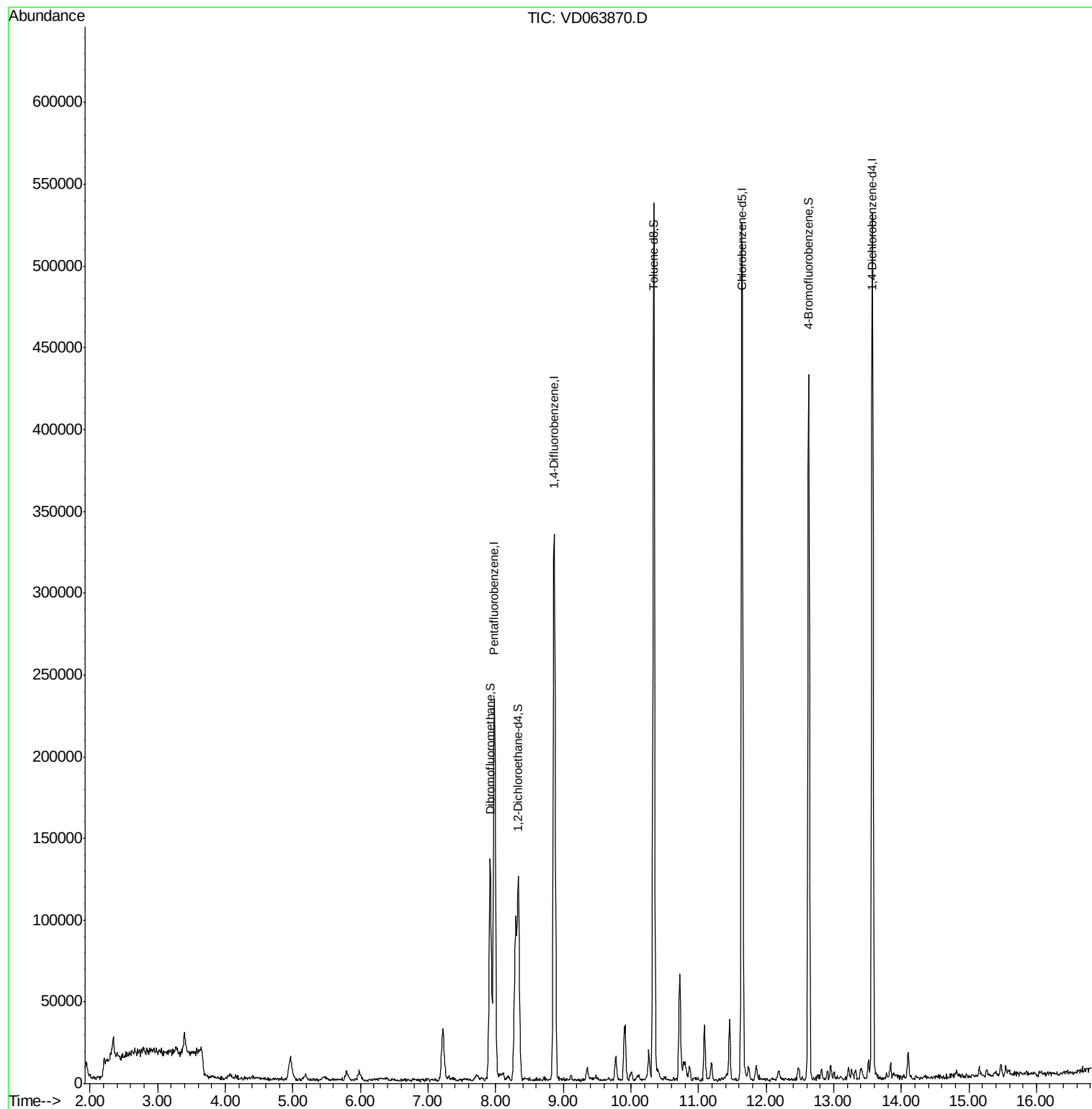
Target Compounds	Qvalue

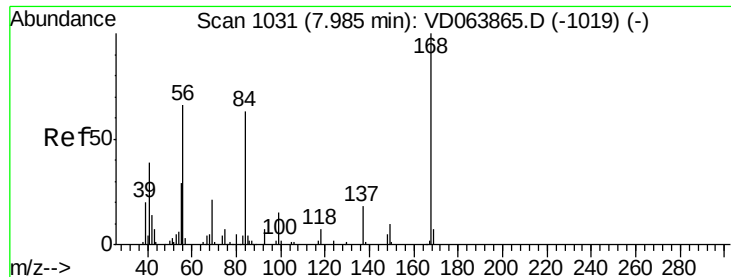
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100219\
Data File : VD063870.D
Acq On : 02 Oct 2019 20:30
Operator : VA/SY
Sample : VD1002SBL04
Misc : 5.00g/5.00mL/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL04

Quant Time: Oct 03 04:38:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 04:02:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063870.D

Acq: 02 Oct 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

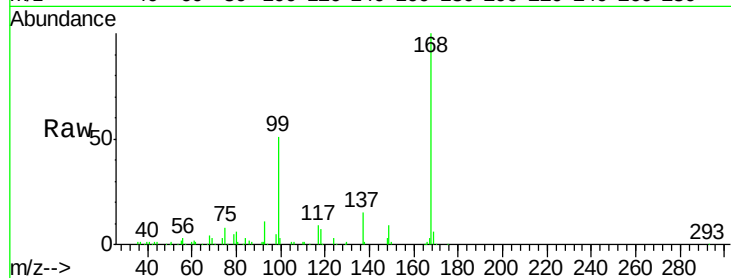
VD1002SBL04

Tot Ion:168 Resp: 179705

Ion Ratio Lower Upper

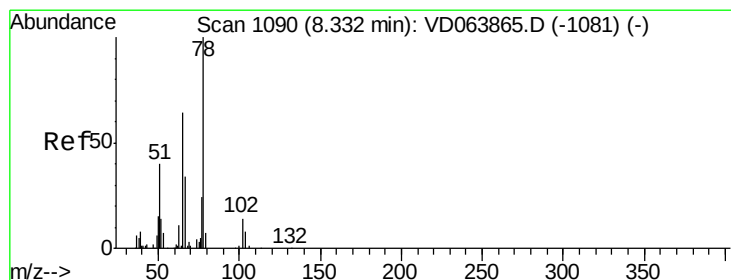
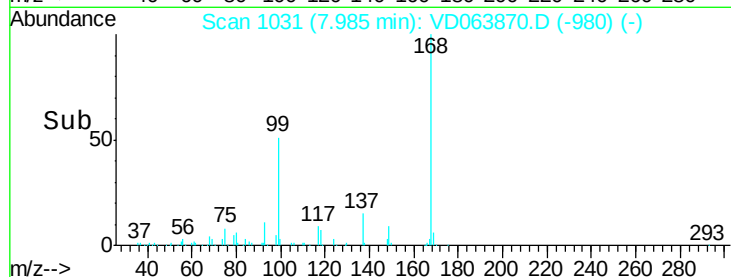
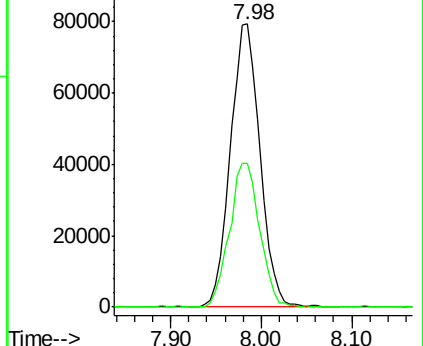
168 100

99 50.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 53.693 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063870.D

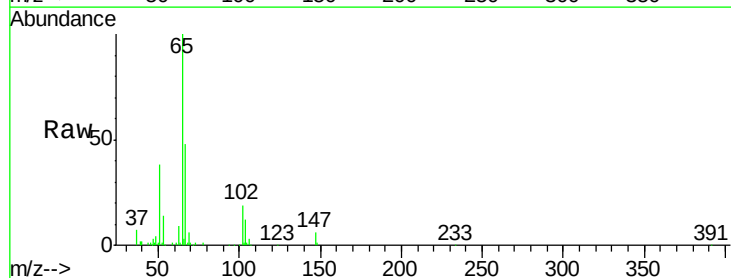
Acq: 02 Oct 2019 20:30

Tgt Ion: 65 Resp: 93939

Ion Ratio Lower Upper

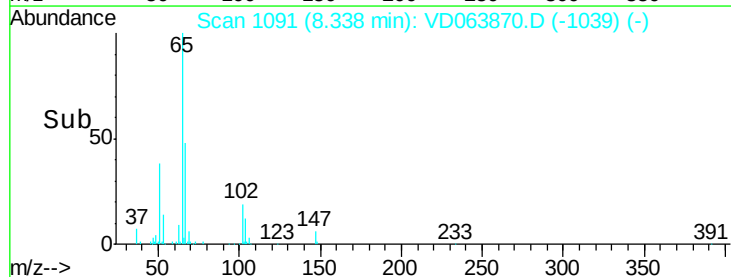
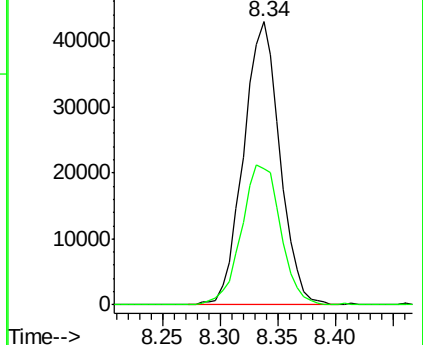
65 100

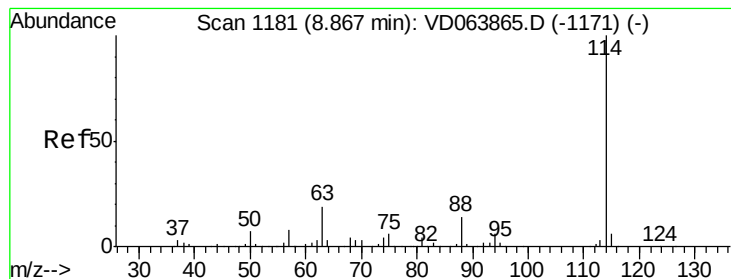
67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063870.D

Acq: 02 Oct 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBL04

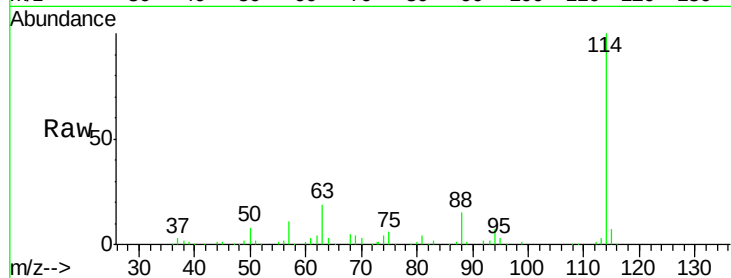
Tot Ion:114 Resp: 296325

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

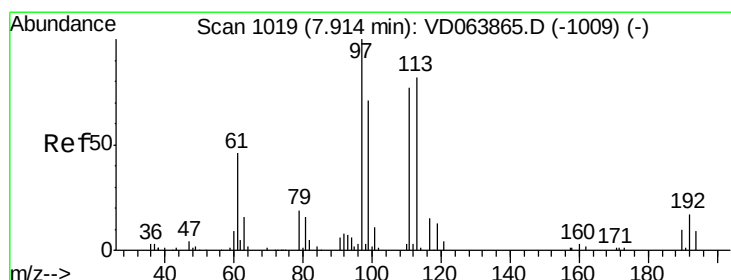
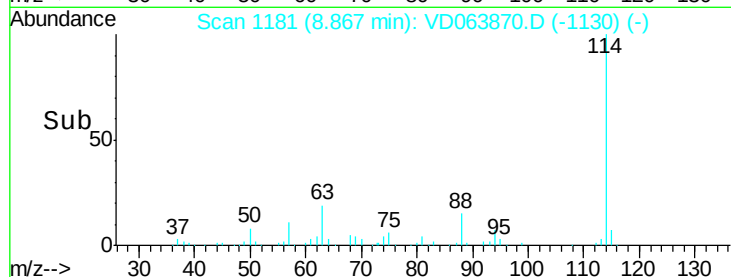
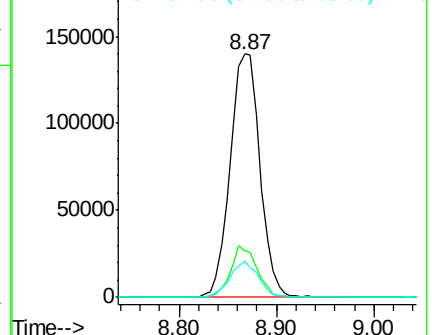
88 15.0 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.387 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063870.D

Acq: 02 Oct 2019 20:30

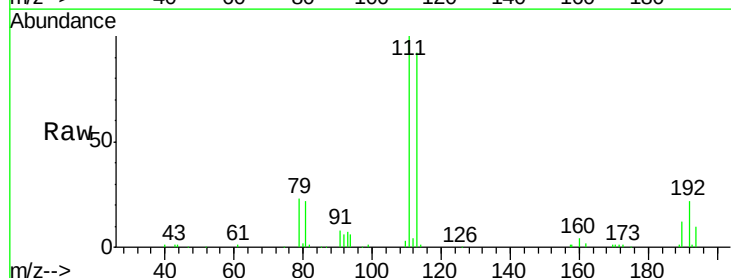
Tgt Ion:113 Resp: 89436

Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

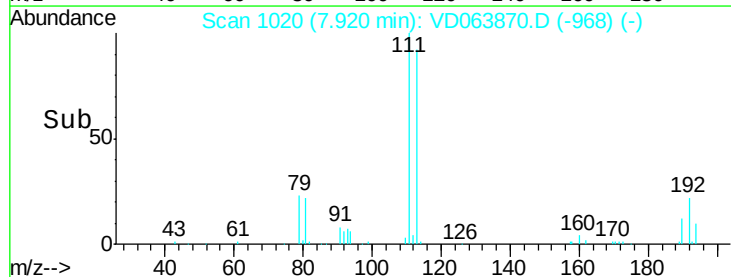
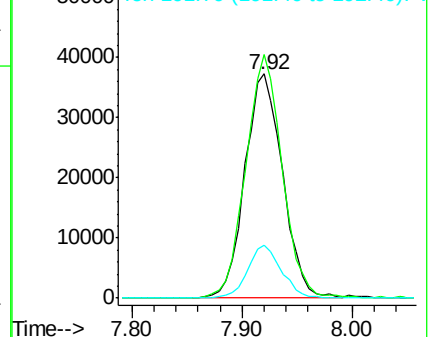
192 21.0 17.1 25.7

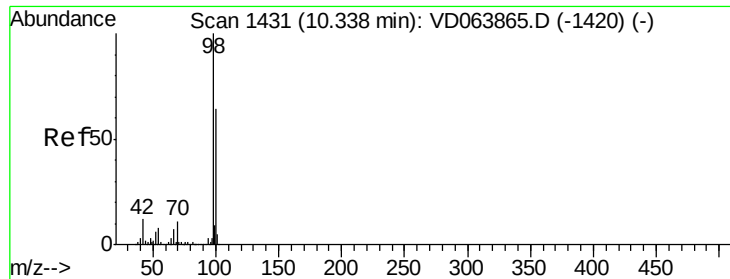


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

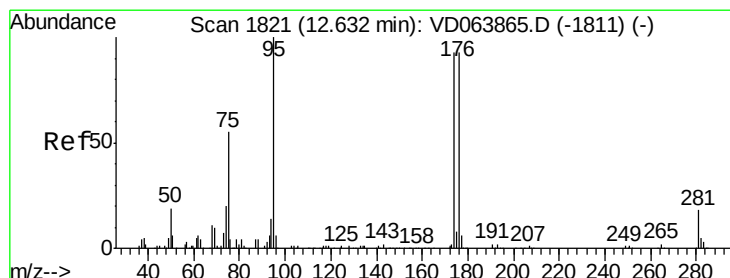
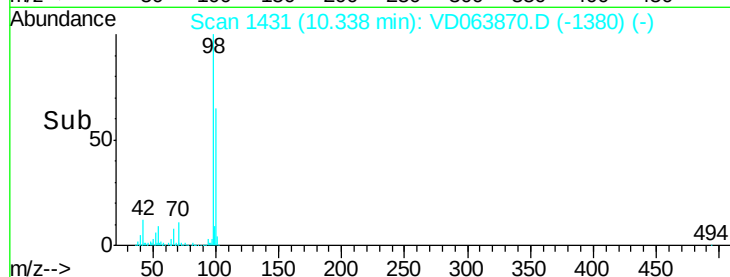
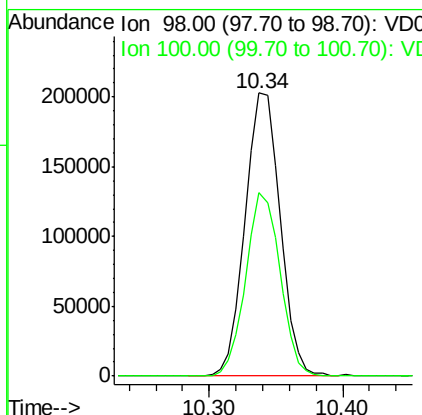
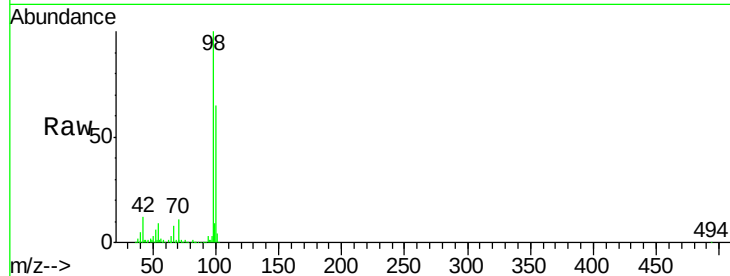




#50
Toluene-d8
Concen: 50.212 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063870.D
Acq: 02 Oct 2019 20:30

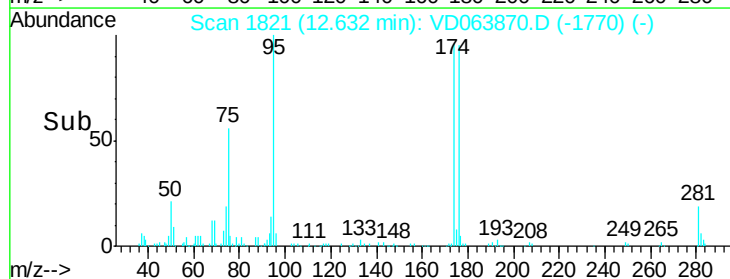
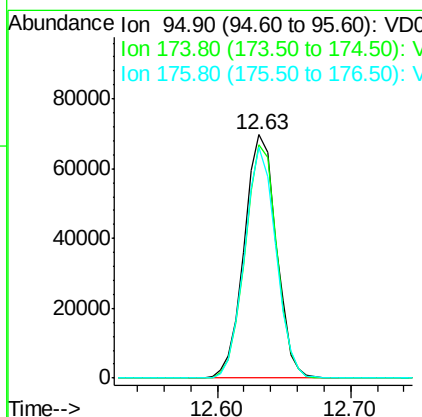
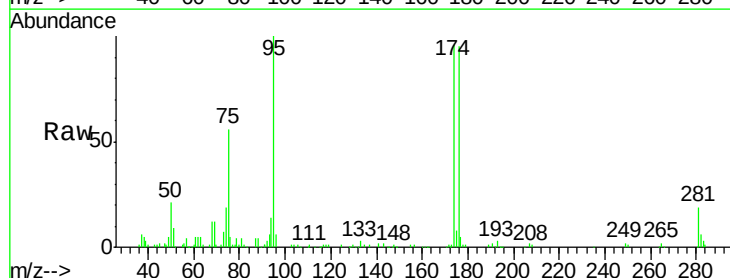
Instrument :
MSVOA_D
ClientSampleId :
VD1002SBL04

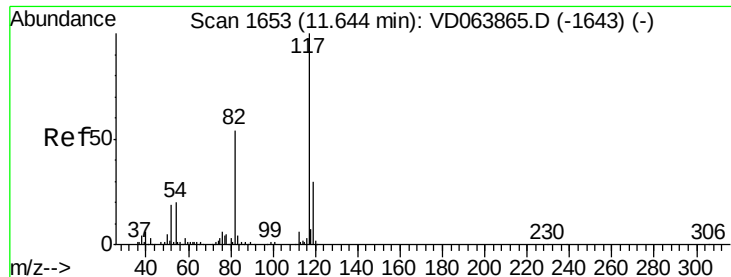
Tot Ion: 98 Resp: 369072
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.420 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063870.D
Acq: 02 Oct 2019 20:30

Tgt Ion: 95 Resp: 116013
Ion Ratio Lower Upper
95 100
174 94.1 0.0 186.4
176 91.9 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD063870.D

Acq: 02 Oct 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

VD1002SBL04

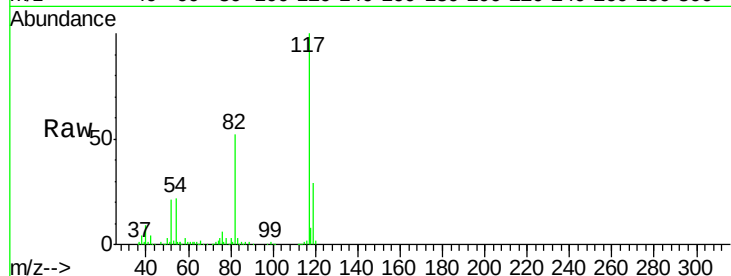
Tot Ion:117 Resp: 289021

Ion Ratio Lower Upper

117 100

82 51.8 42.8 64.2

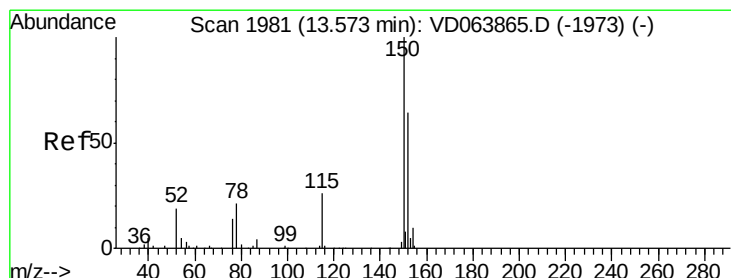
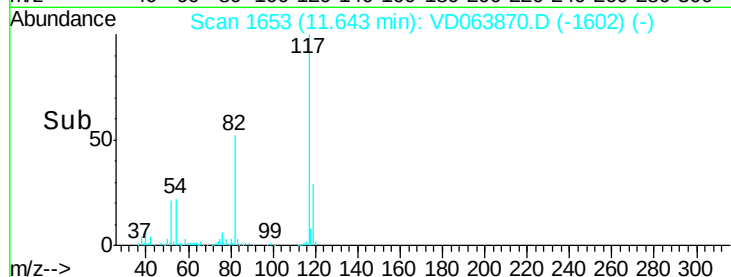
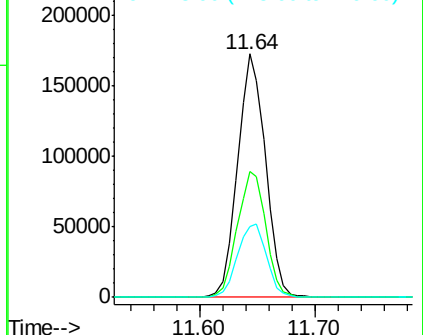
119 28.9 24.4 36.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063870.D

Acq: 02 Oct 2019 20:30

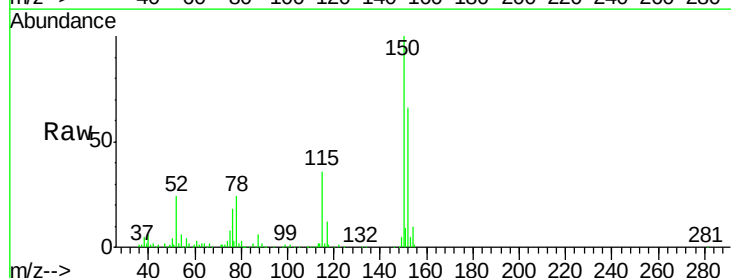
Tgt Ion:152 Resp: 139999

Ion Ratio Lower Upper

152 100

115 54.0 25.9 77.7

150 148.9 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

