

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101619\
 Data File : VD063986.D
 Acq On : 16 Oct 2019 14:38
 Operator : VA/SY
 Sample : K5394-08
 Misc : 7.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-17-F1-(30)

Quant Time: Oct 16 18:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	180443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	327481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	317456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	95086	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.92	113	101307	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
50) Toluene-d8	10.34	98	435525	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.64	95	118801	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.18%	

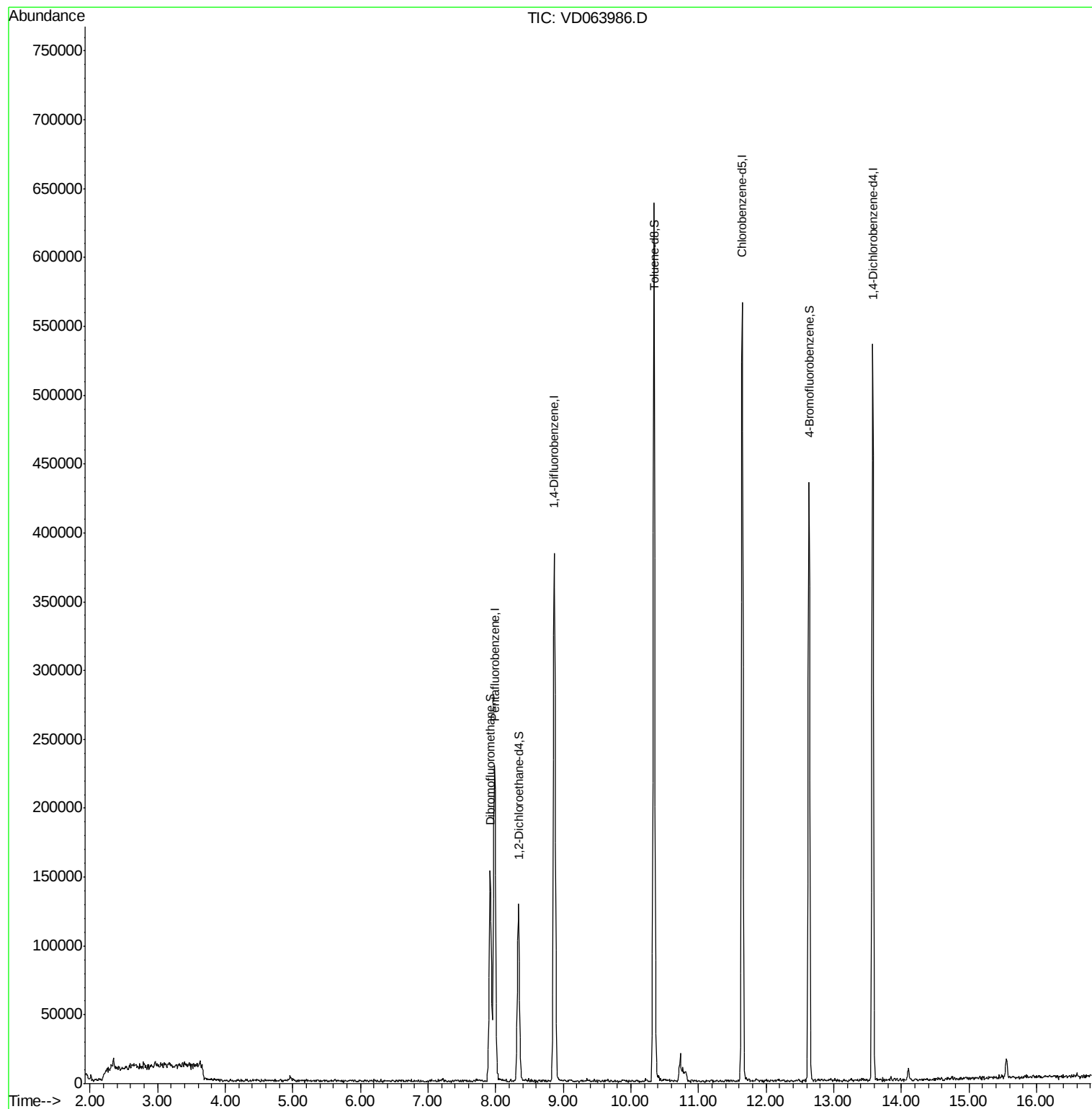
Target Compounds	Qvalue
------------------	--------

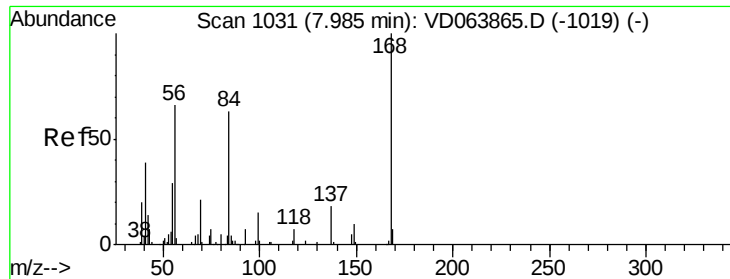
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101619\
Data File : VD063986.D
Acq On : 16 Oct 2019 14:38
Operator : VA/SY
Sample : K5394-08
Misc : 7.05G/5.00ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T-17-F1-(30)

Quant Time: Oct 16 18:11:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 05 03:51:17 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: VD063986.D

Acq: 16 Oct 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

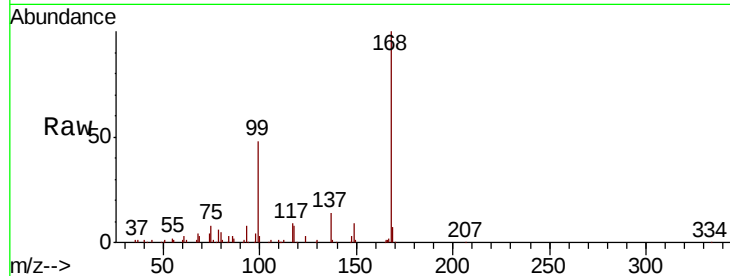
T-17-F1-(30)

Tot Ion:168 Resp: 180443

Ion Ratio Lower Upper

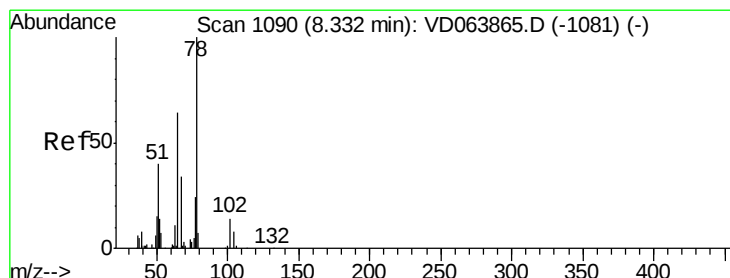
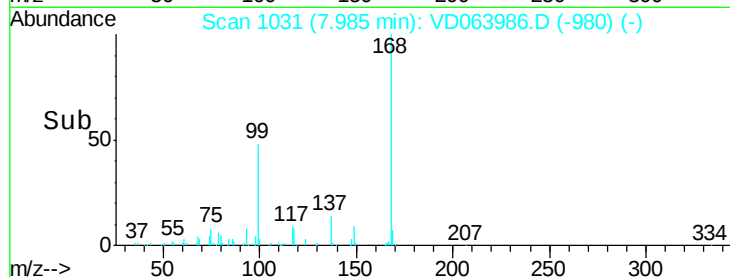
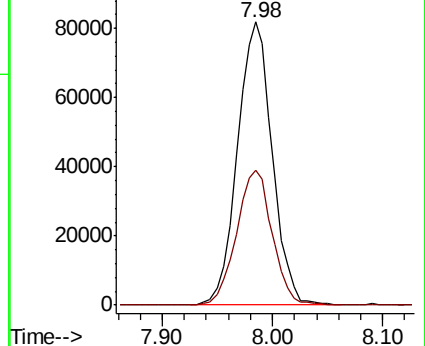
168 100

99 47.8 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: 54.126 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063986.D

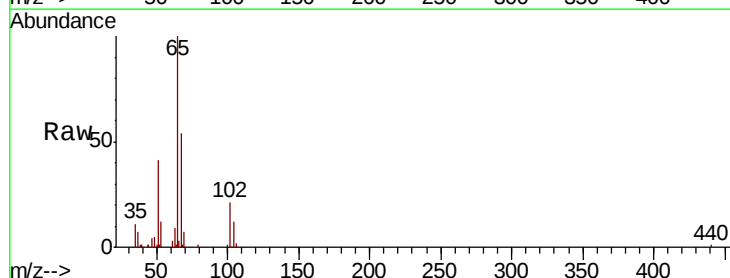
Acq: 16 Oct 2019 14:38

Tgt Ion: 65 Resp: 95086

Ion Ratio Lower Upper

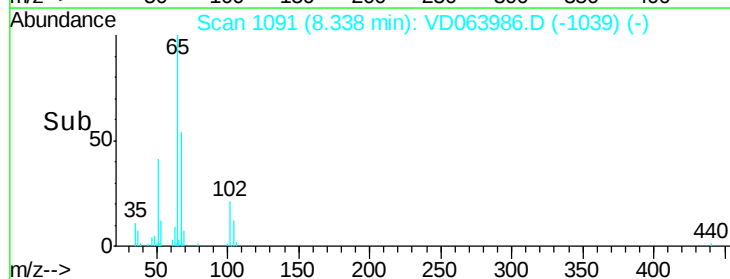
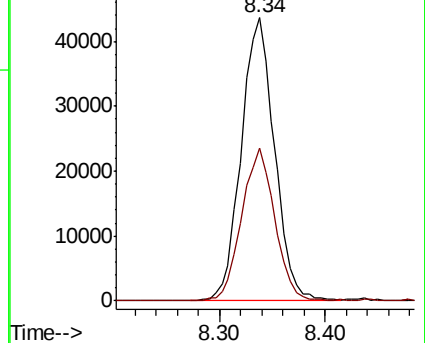
65 100

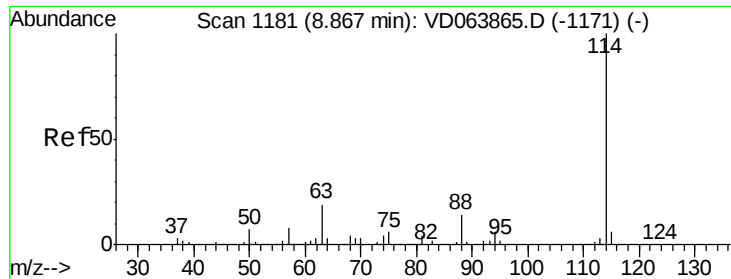
67 53.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

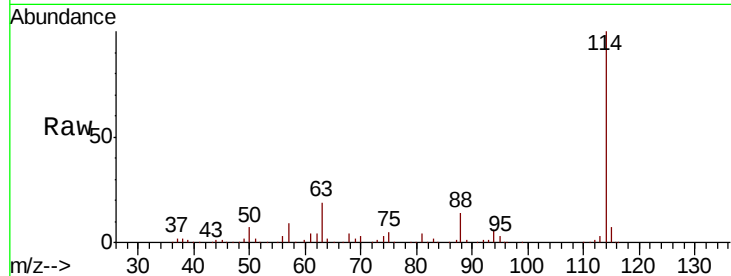




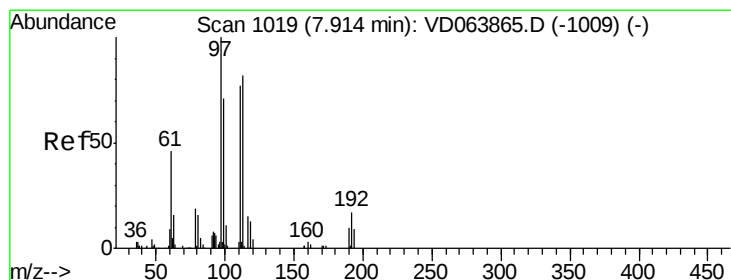
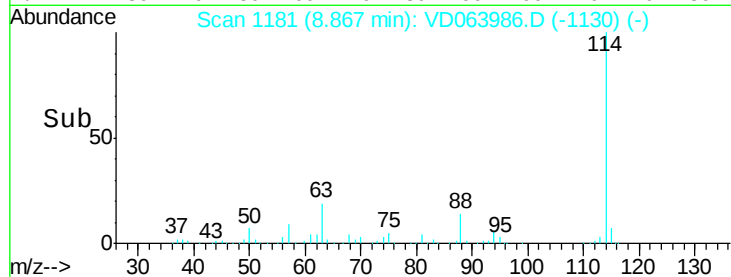
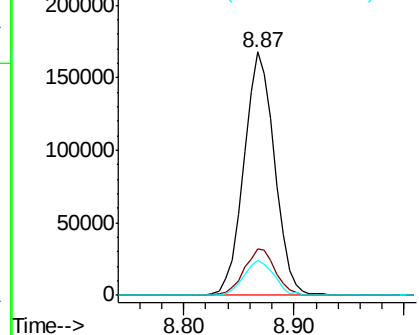
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD063986.D
 Acq: 16 Oct 2019 14:38

Instrument :
 MSVOA_D
 ClientSampleId :
 T-17-F1-(30)

Tot Ion:114 Resp: 327481
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 14.3 0.0 27.4

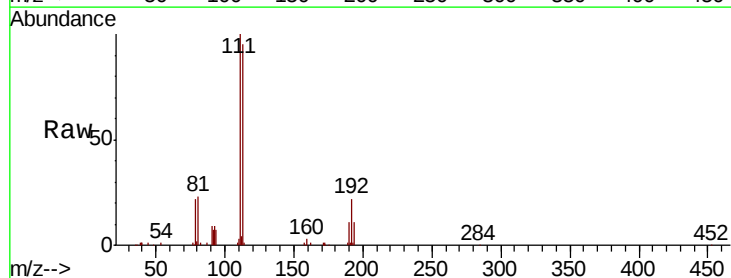


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

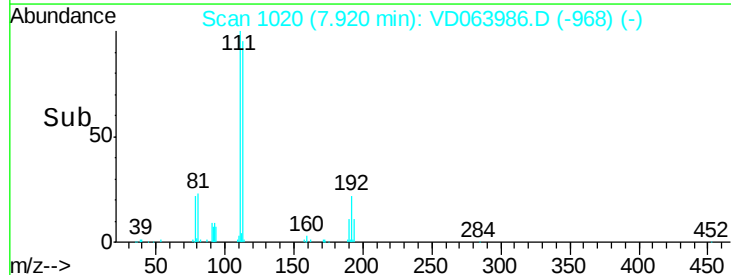
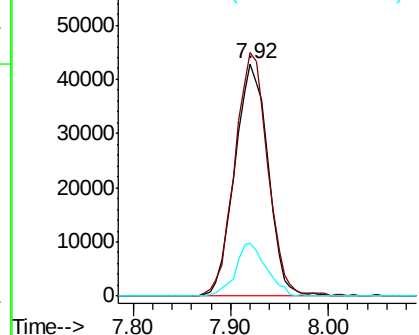


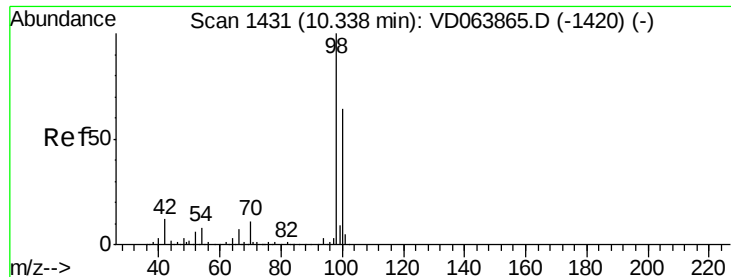
#35
 Dibromofluoromethane
 Concen: 50.620 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063986.D
 Acq: 16 Oct 2019 14:38

Tgt Ion:113 Resp: 101307
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 123.8
 192 21.3 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: 53.616 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063986.D

Acq: 16 Oct 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

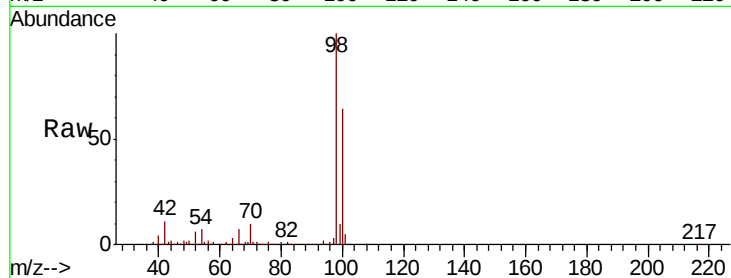
T-17-F1-(30)

Tot Ion: 98 Resp: 435525

Ion Ratio Lower Upper

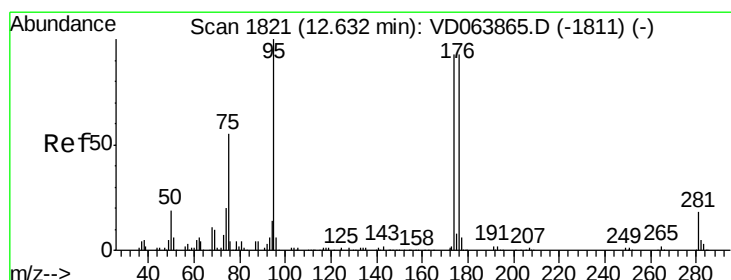
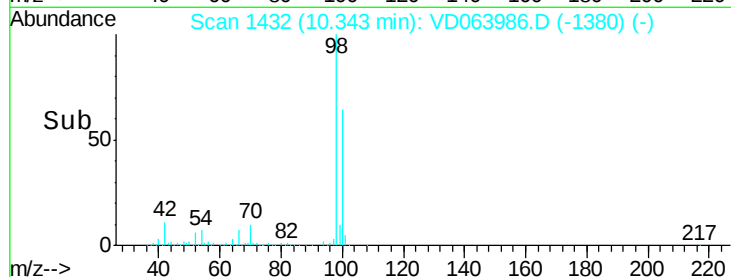
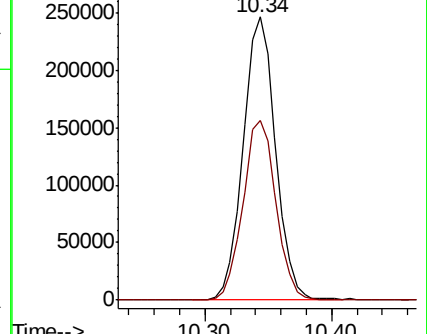
98 100

100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 42.087 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063986.D

Acq: 16 Oct 2019 14:38

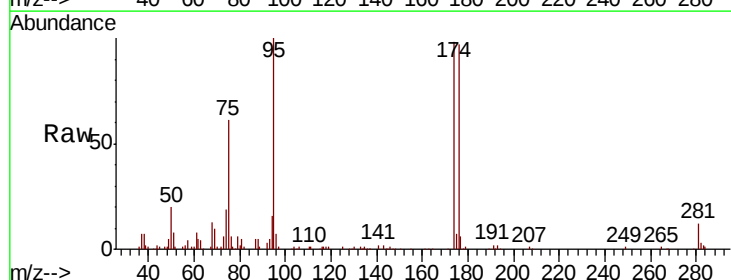
Tgt Ion: 95 Resp: 118801

Ion Ratio Lower Upper

95 100

174 98.4 0.0 186.4

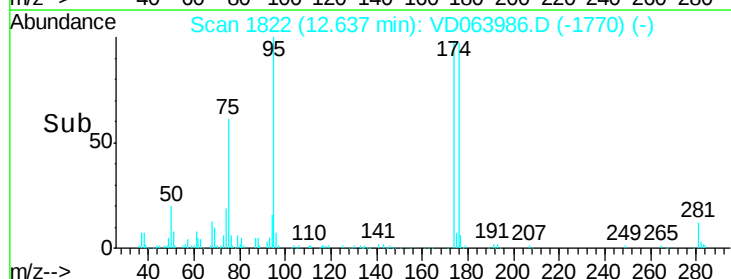
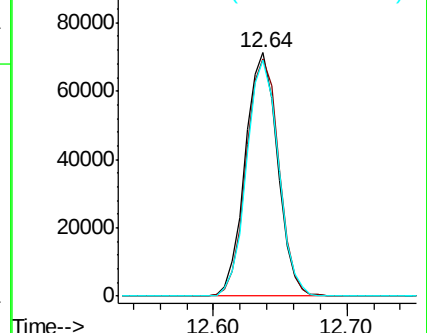
176 95.5 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063986.D

Acq: 16 Oct 2019 14:38

Instrument :

MSVOA_D

ClientSampleId :

T-17-F1-(30)

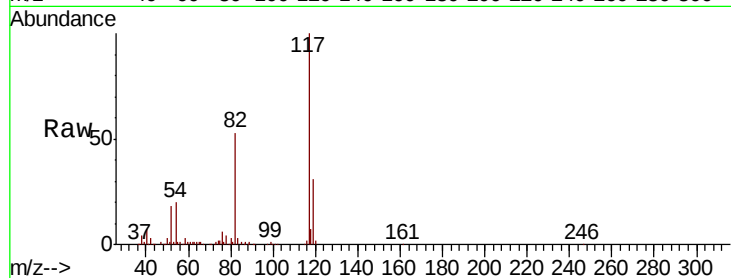
Tot Ion:117 Resp: 317456

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

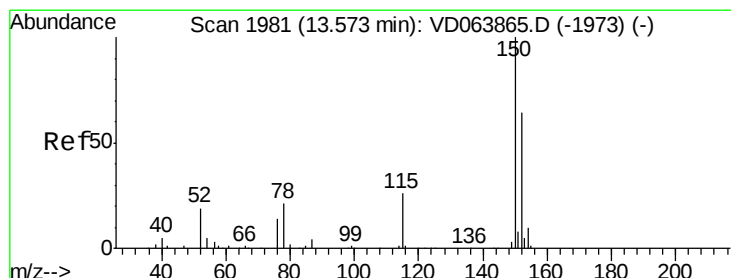
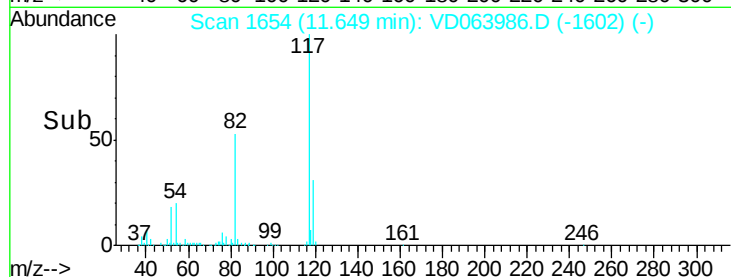
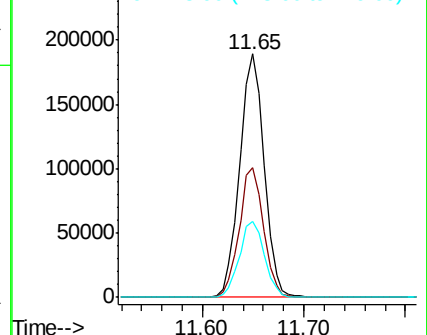
119 31.3 24.4 36.6



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: 13.58 min Scan# 1982

Delta R.T. 0.01 min

Lab File: VD063986.D

Acq: 16 Oct 2019 14:38

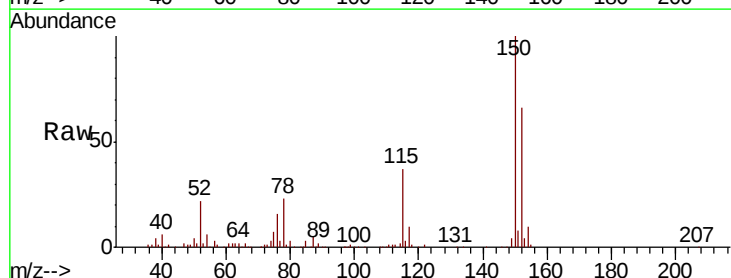
Tgt Ion:152 Resp: 134874

Ion Ratio Lower Upper

152 100

115 56.8 25.9 77.7

150 159.2 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

