

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101419\
 Data File : VD063960.D
 Acq On : 14 Oct 2019 17:20
 Operator : VA/SY
 Sample : K5357-01
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11933

Quant Time: Oct 14 18:11:31 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	130116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	239051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	245054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	119658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78746	62.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.32%	
35) Dibromofluoromethane	7.92	113	75268	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
50) Toluene-d8	10.34	98	320563	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.64	95	97996	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	

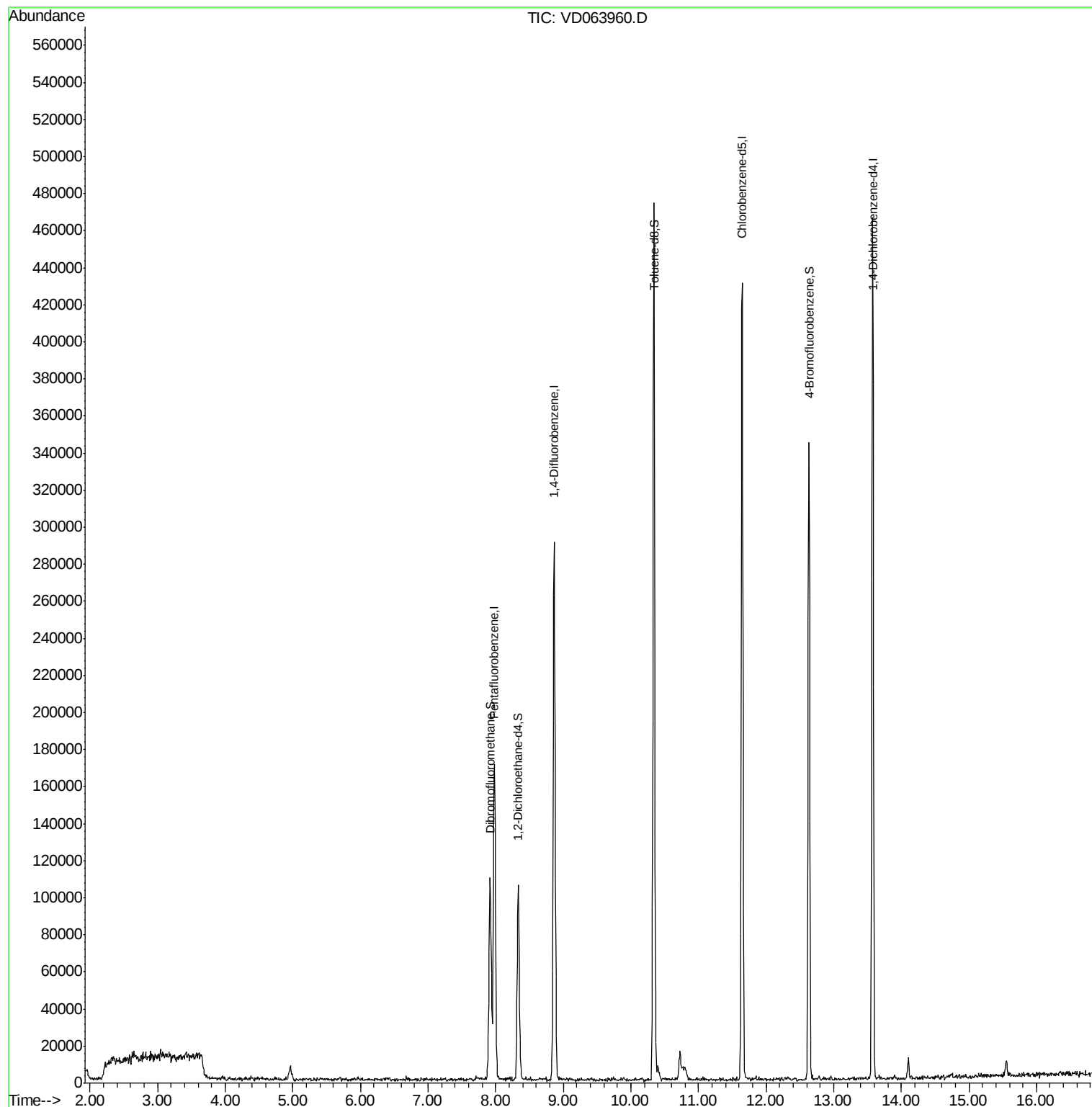
Target Compounds	Qvalue
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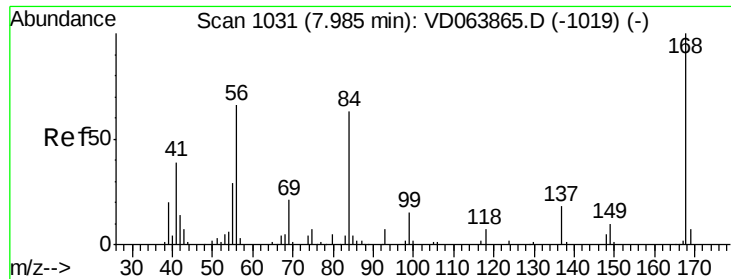
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063960.D

Acq: 14 Oct 2019 17:20

Instrument :

MSVOA_D

ClientSampleId :

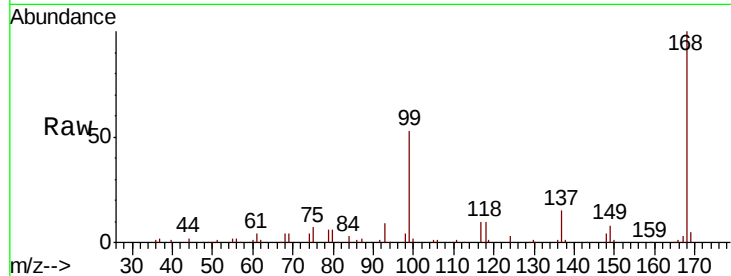
72-11933

Tot Ion:168 Resp: 130116

Ion Ratio Lower Upper

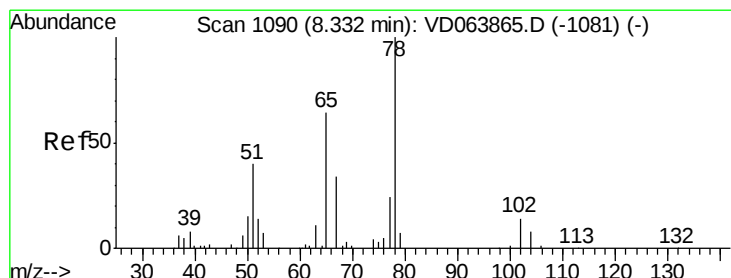
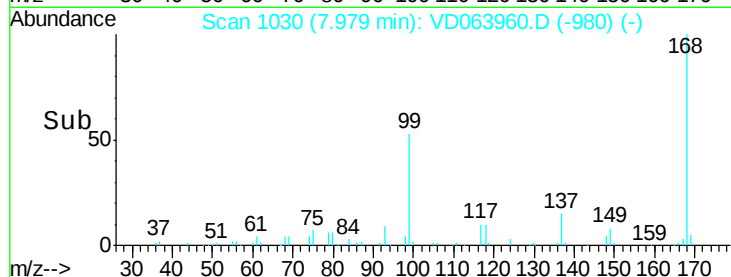
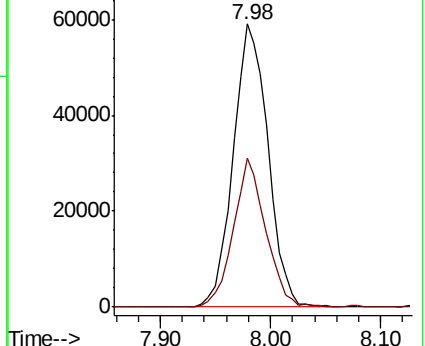
168 100

99 52.7 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: 62.162 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD063960.D

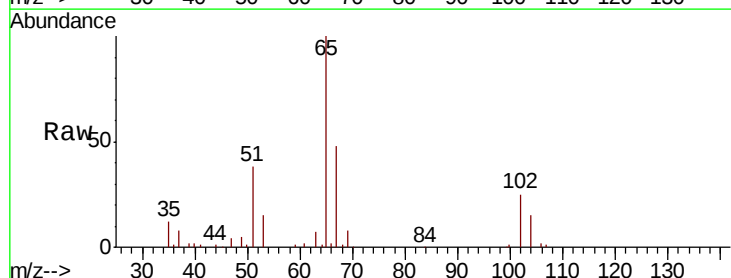
Acq: 14 Oct 2019 17:20

Tgt Ion: 65 Resp: 78746

Ion Ratio Lower Upper

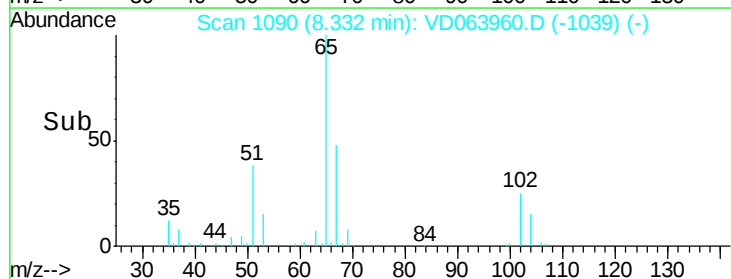
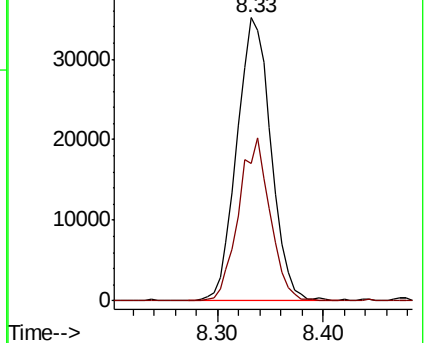
65 100

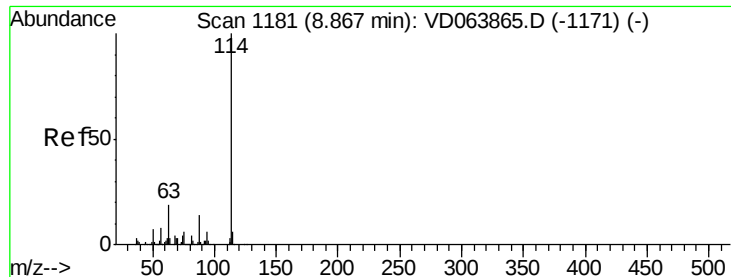
67 53.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

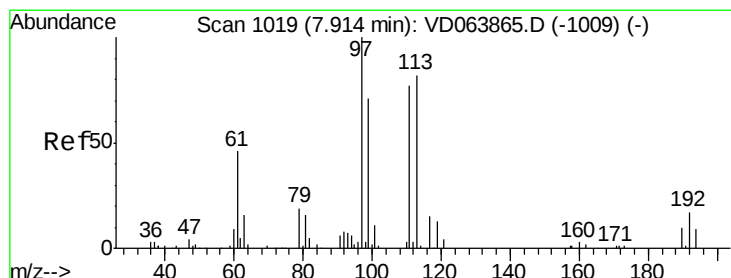
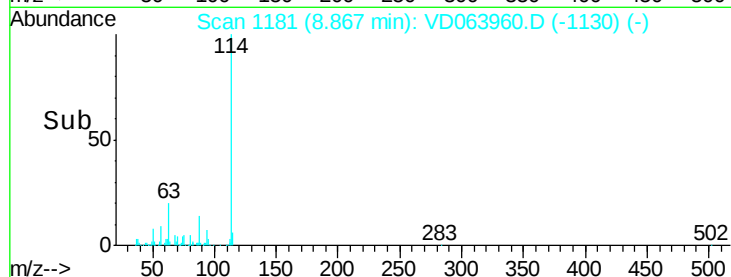
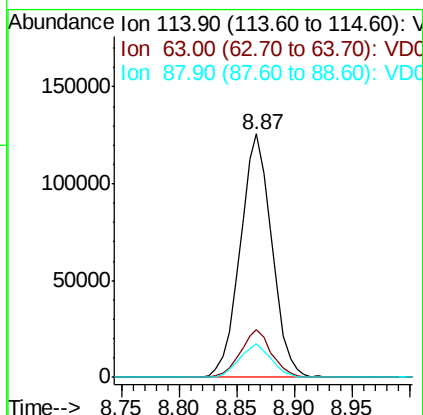
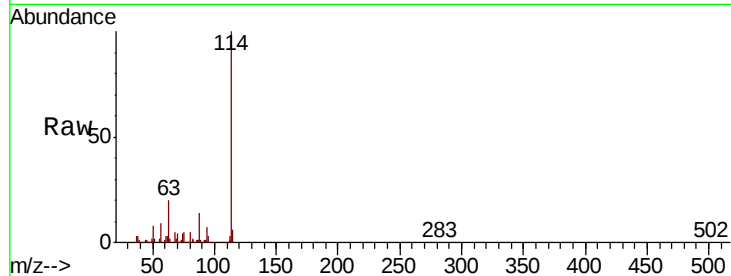




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD063960.D
Acq: 14 Oct 2019 17:20

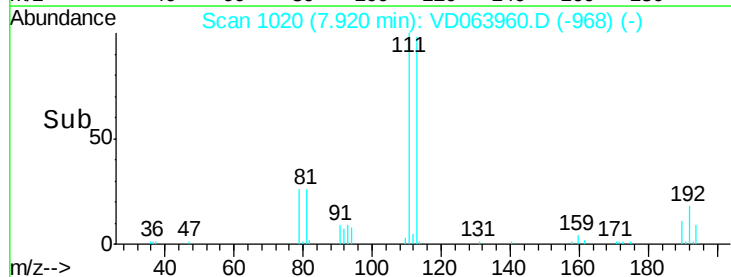
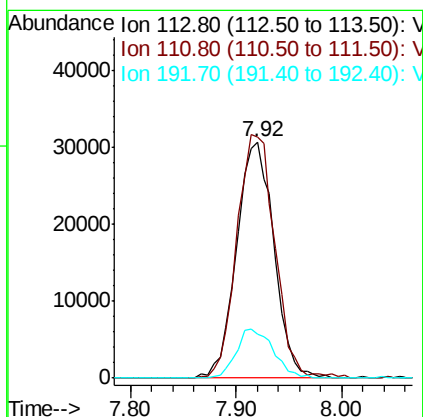
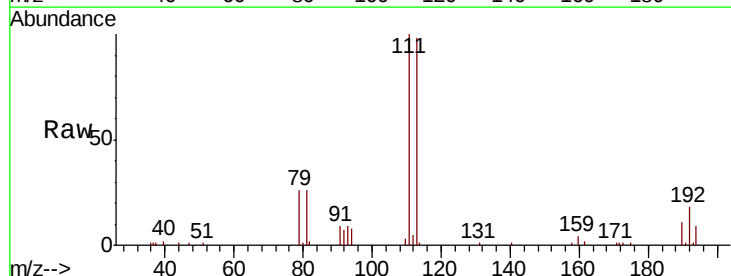
Instrument :
MSVOA_D
ClientSampleId :
72-11933

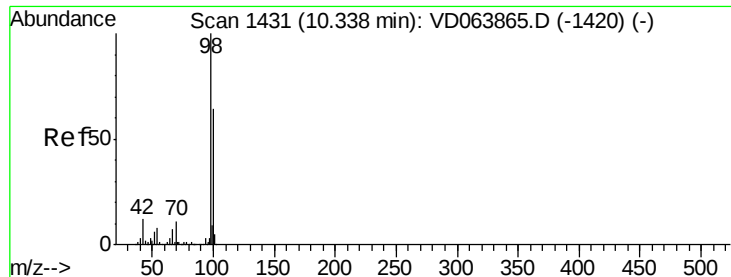
Tot Ion:114 Resp: 239051
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.4
88 13.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.521 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD063960.D
Acq: 14 Oct 2019 17:20

Tgt Ion:113 Resp: 75268
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 20.5 17.1 25.7





#50

Toluene-d8

Concen: 54.061 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063960.D

Acq: 14 Oct 2019 17:20

Instrument :

MSVOA_D

ClientSampleId :

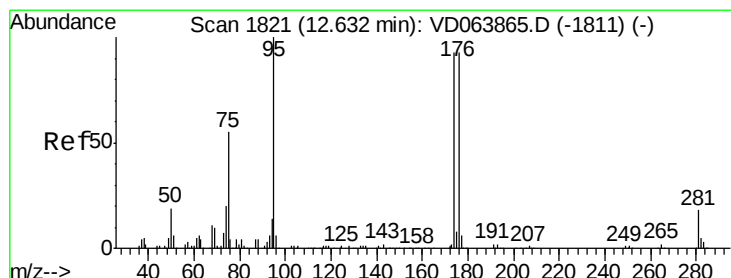
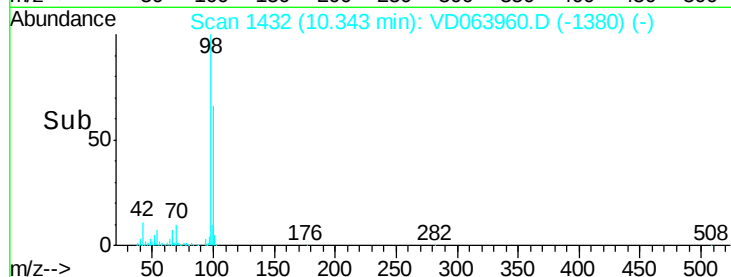
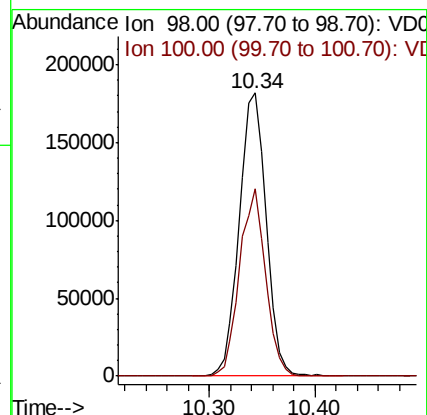
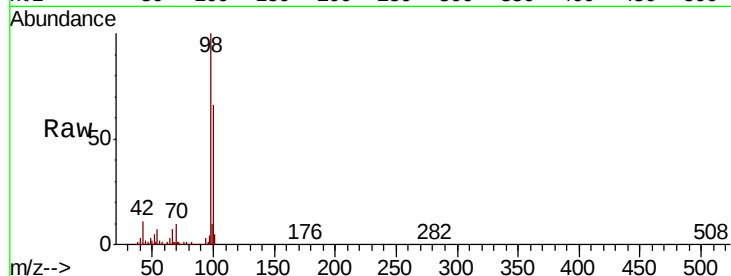
72-11933

Tot Ion: 98 Resp: 320563

Ion Ratio Lower Upper

98 100

100 63.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.558 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063960.D

Acq: 14 Oct 2019 17:20

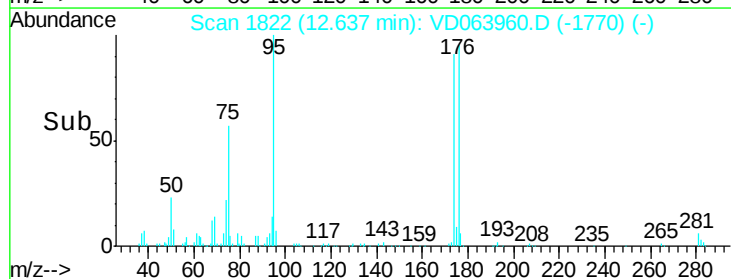
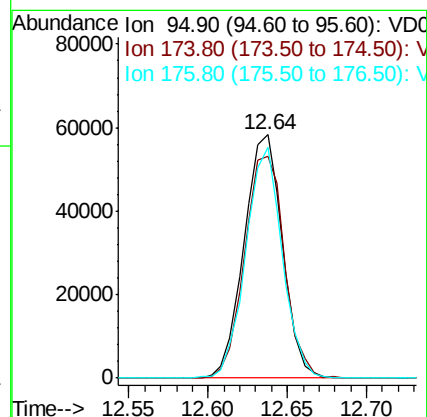
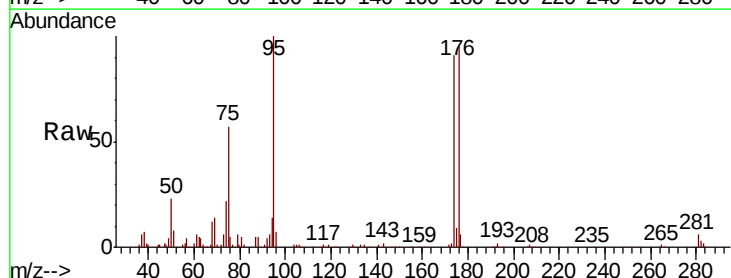
Tgt Ion: 95 Resp: 97996

Ion Ratio Lower Upper

95 100

174 94.1 0.0 186.4

176 90.0 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063960.D

Acq: 14 Oct 2019 17:20

Instrument :

MSVOA_D

ClientSampleId :

72-11933

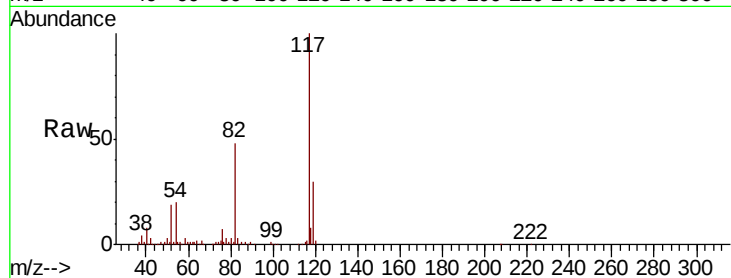
Tot Ion:117 Resp: 245054

Ion Ratio Lower Upper

117 100

82 47.6 42.8 64.2

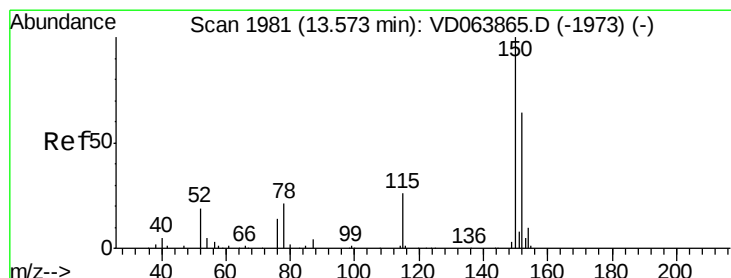
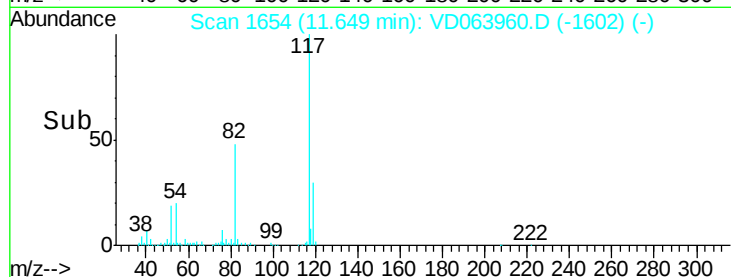
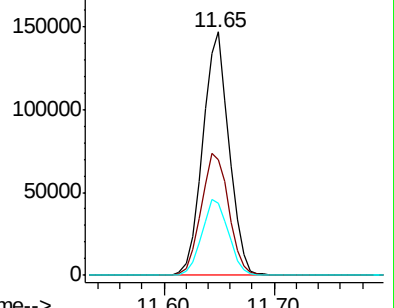
119 29.8 24.4 36.6



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: VD063960.D

Acq: 14 Oct 2019 17:20

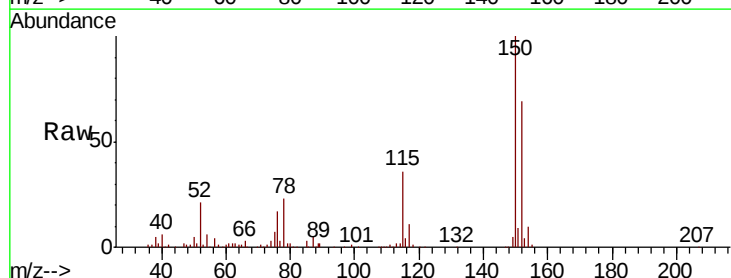
Tgt Ion:152 Resp: 119658

Ion Ratio Lower Upper

152 100

115 54.6 25.9 77.7

150 151.7 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

