

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065236.D
 Acq On : 19 Feb 2020 13:58
 Operator : VA/SY
 Sample : L1576-01
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WFD-SB-010203-0-8

Quant Time: Feb 20 04:31:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

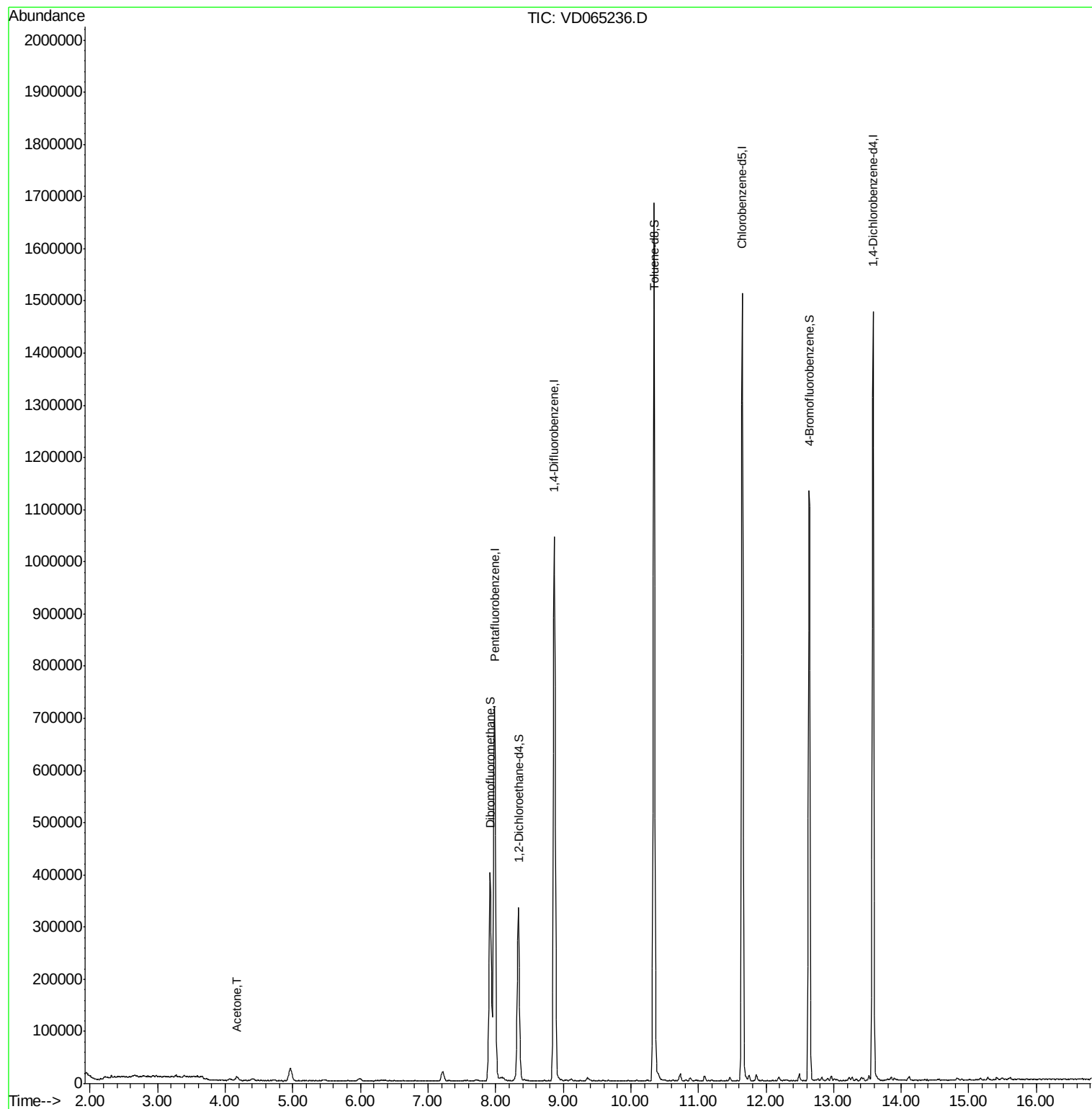
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	555554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	907440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	866039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	404152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	261265	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
35) Dibromofluoromethane	7.92	113	287646	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.34	98	1108775	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.64	95	364571	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
Target Compounds						
16) Acetone	4.17	43	12805	10.481	ug/l	Qvalue 94

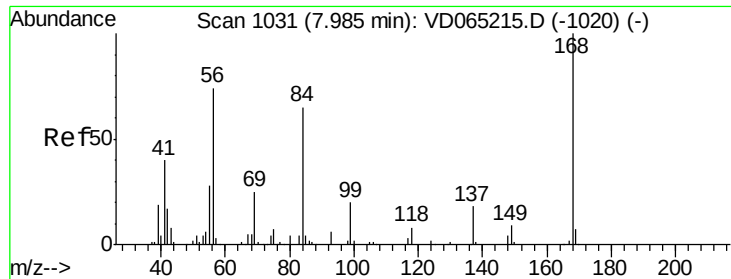
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

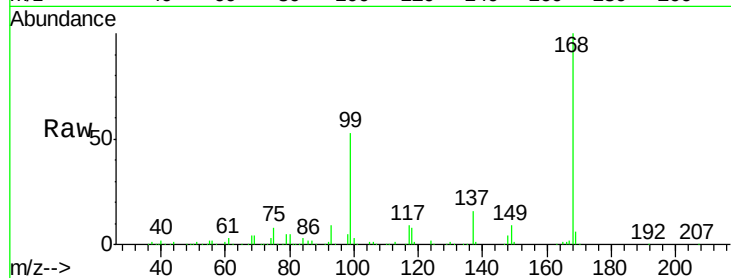
WFD-SB-010203-0-8

Tot Ion:168 Resp: 55554

Ion Ratio Lower Upper

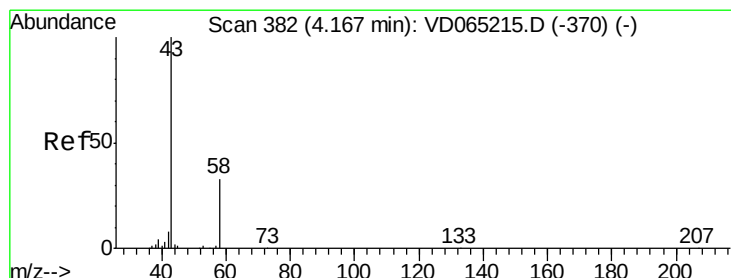
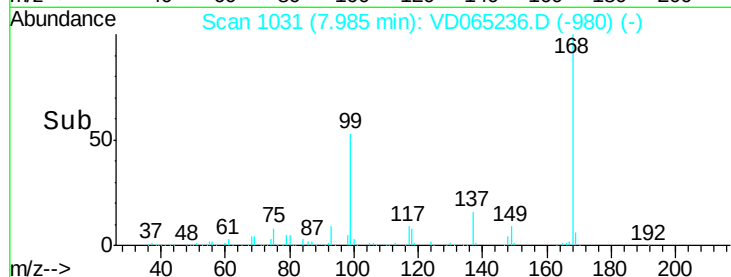
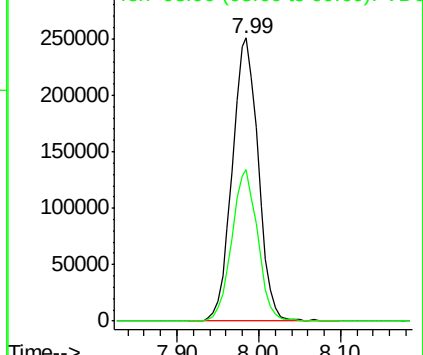
168 100

99 53.2 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 10.481 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065236.D

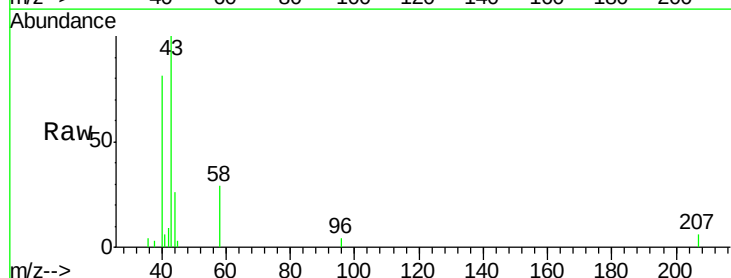
Acq: 19 Feb 2020 13:58

Tgt Ion: 43 Resp: 12805

Ion Ratio Lower Upper

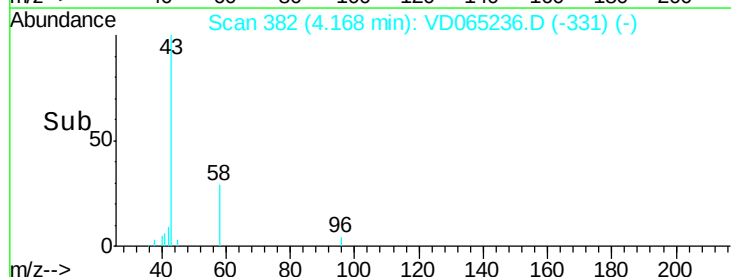
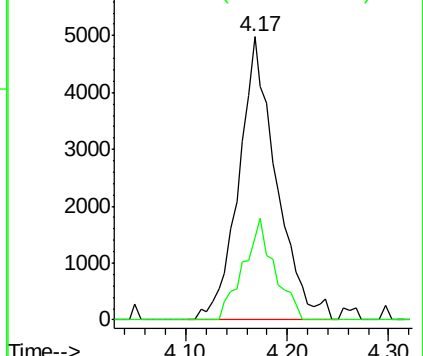
43 100

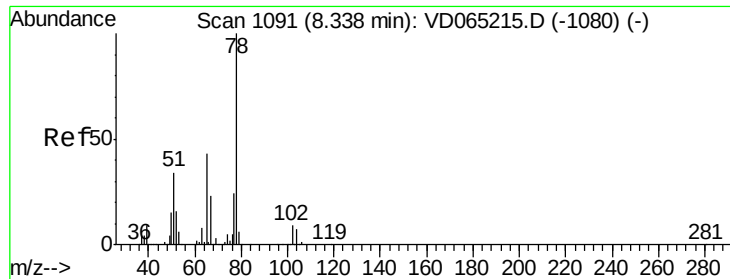
58 29.2 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

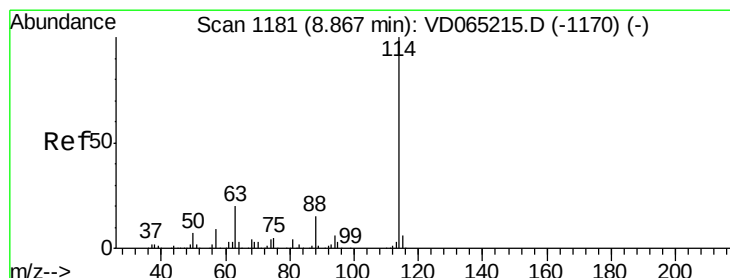
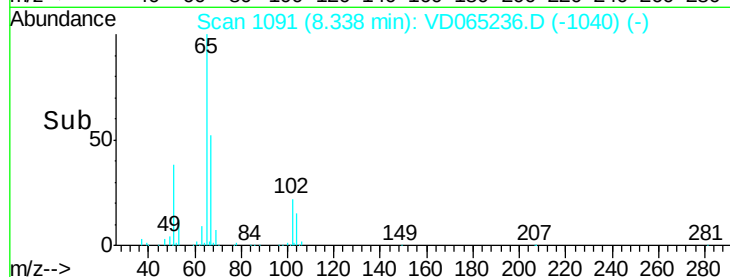
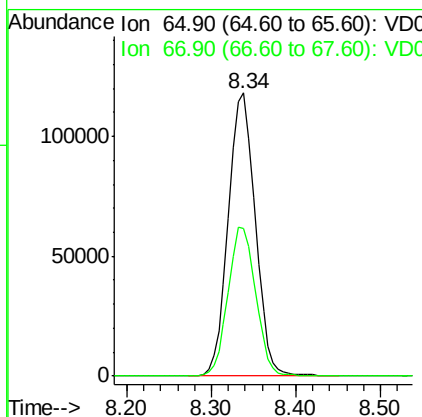
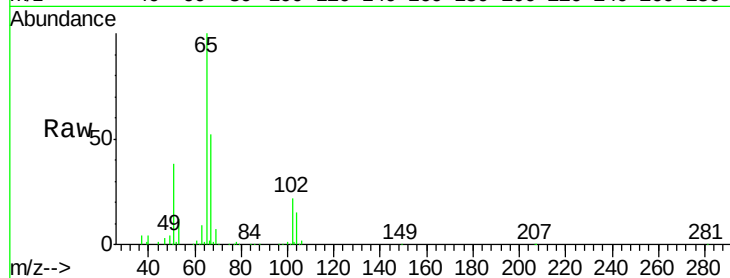




#33
 1,2-Dichloroethane-d4
 Concen: 52.276 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

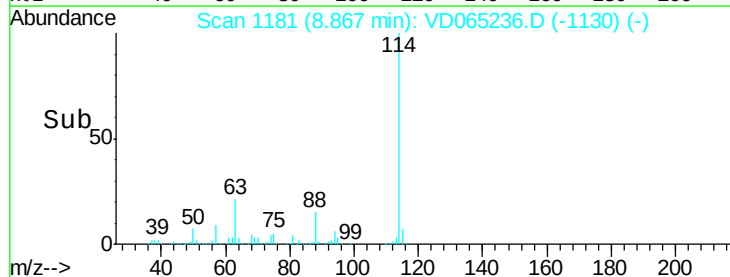
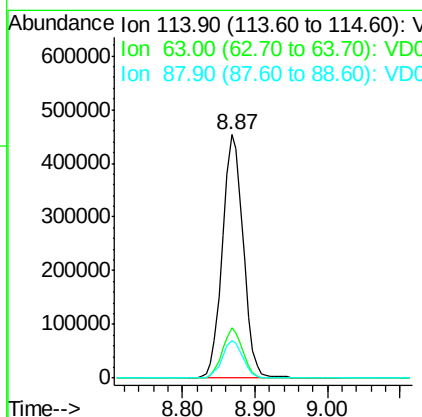
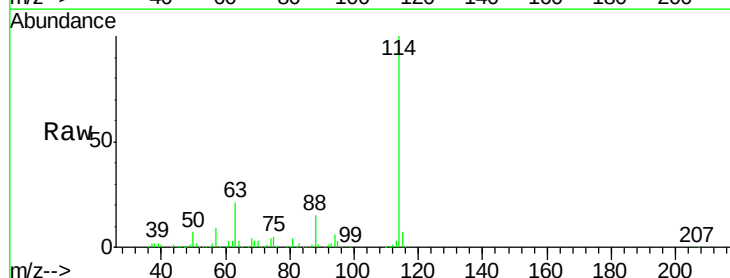
Instrument :
 MSVOA_D
 ClientSampleId :
 WFD-SB-010203-0-8

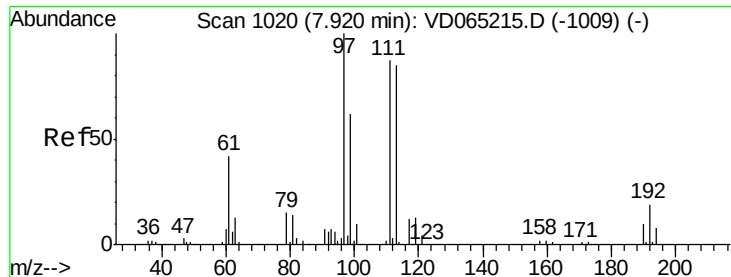
Tot Ion: 65 Resp: 261265
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

Tgt Ion: 114 Resp: 907440
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.4
 88 15.3 0.0 30.4

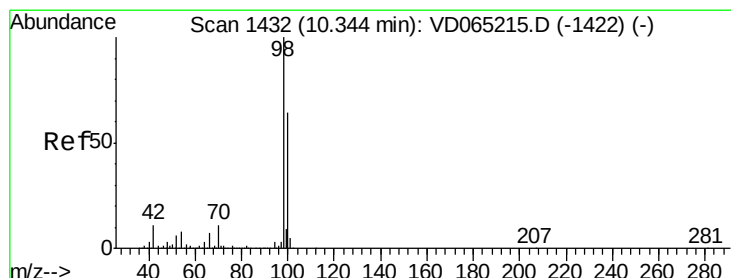
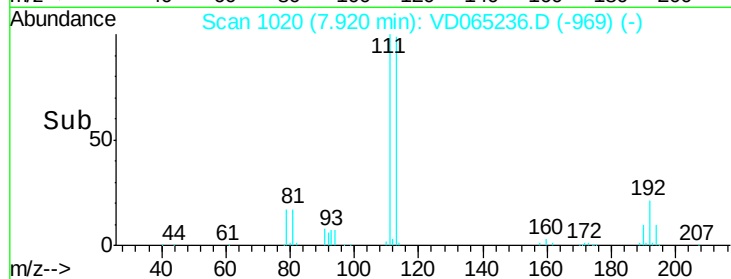
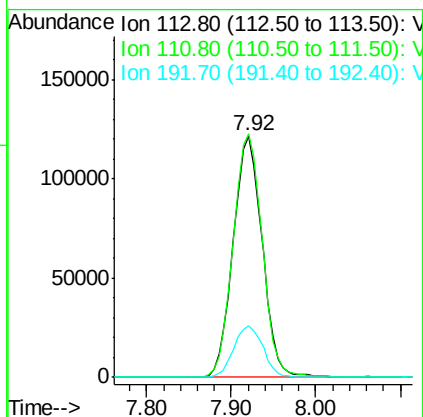
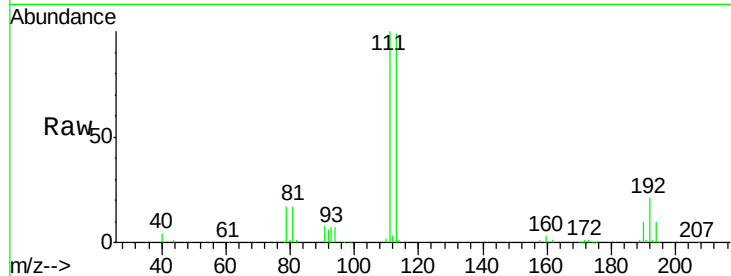




#35
 Dibromofluoromethane
 Concen: 51.987 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

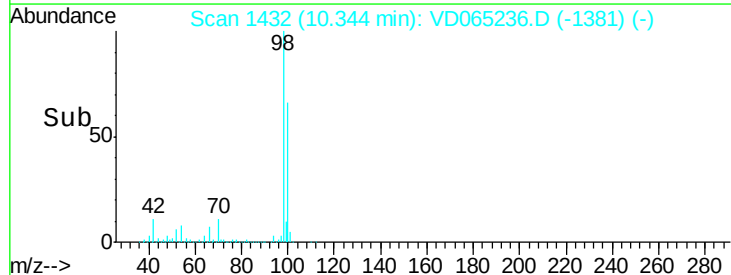
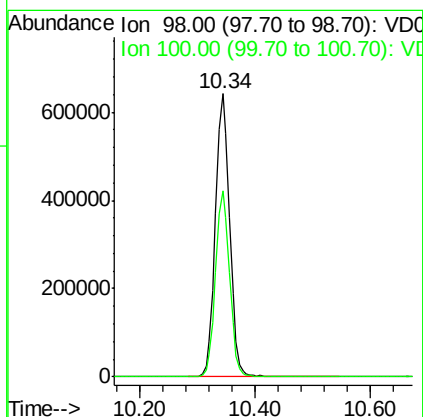
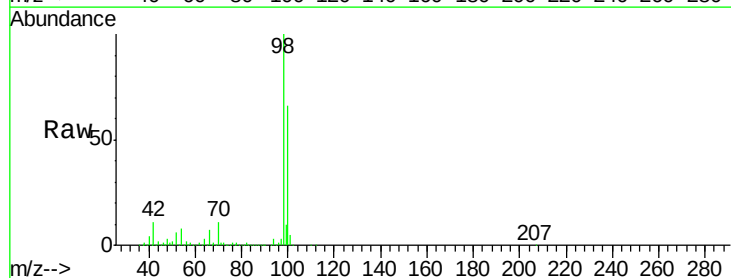
Instrument :
 MSVOA_D
 ClientSampleId :
 WFD-SB-010203-0-8

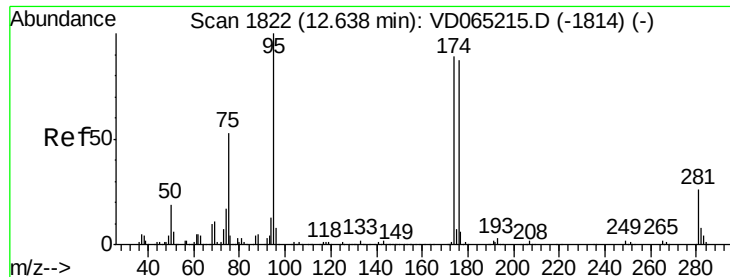
Tot Ion:113 Resp: 287646
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 21.5 17.3 25.9



#50
 Toluene-d8
 Concen: 52.419 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065236.D
 Acq: 19 Feb 2020 13:58

Tgt Ion: 98 Resp: 1108775
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.0 78.0

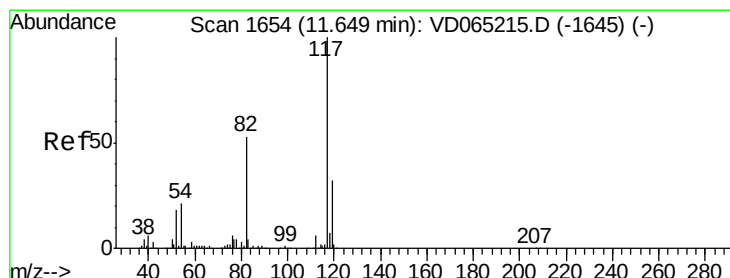
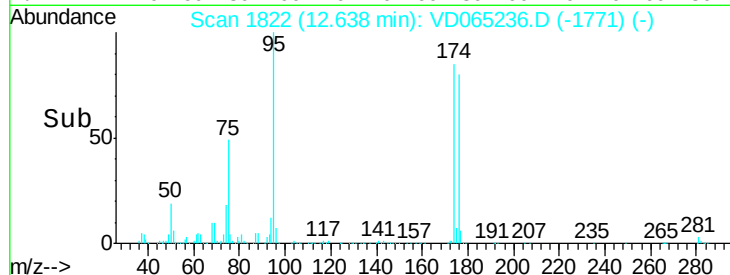
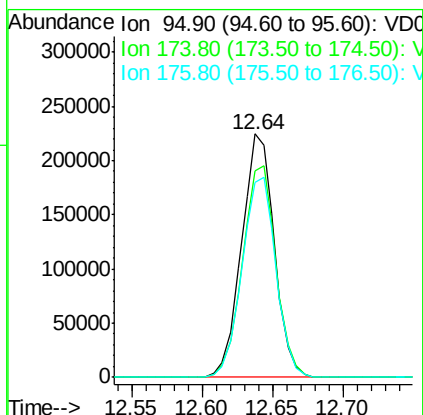
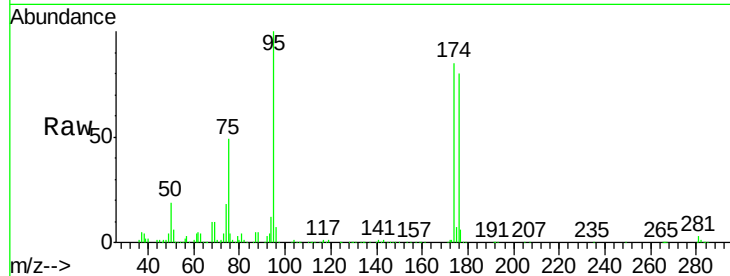




#62
4-Bromofluorobenzene
Concen: 54.407 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065236.D
Acq: 19 Feb 2020 13:58

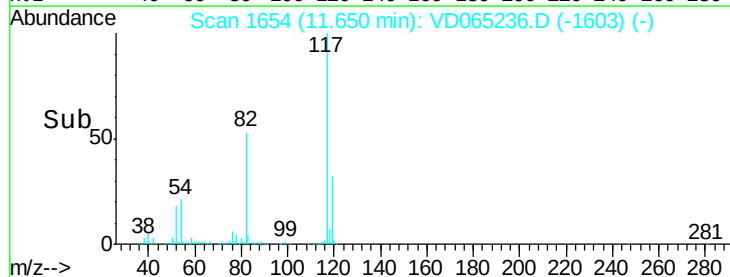
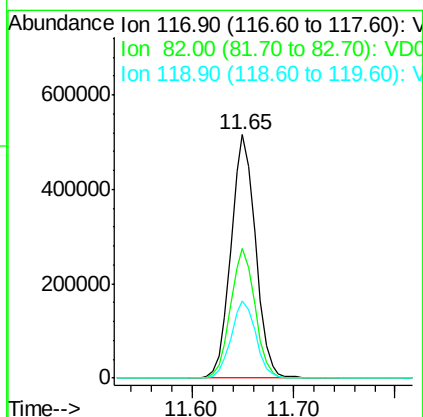
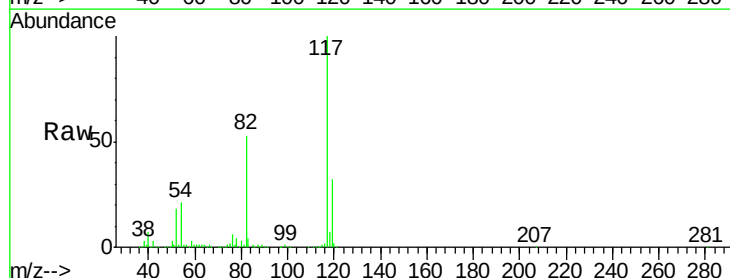
Instrument :
MSVOA_D
ClientSampleId :
WFD-SB-010203-0-8

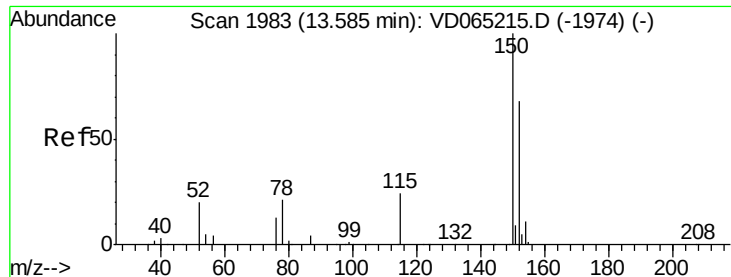
Tot Ion: 95 Resp: 364571
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.0
176 85.0 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065236.D
Acq: 19 Feb 2020 13:58

Tgt Ion: 117 Resp: 866039
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065236.D

Acq: 19 Feb 2020 13:58

Instrument :

MSVOA_D

ClientSampleId :

WFD-SB-010203-0-8

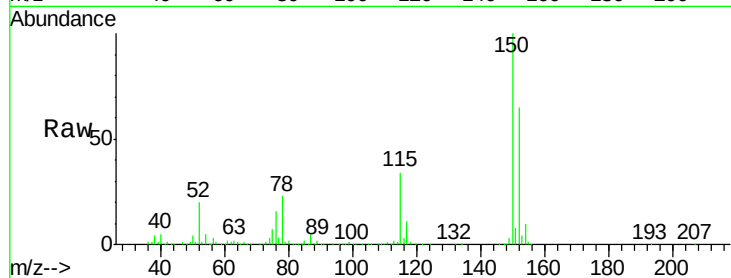
Tot Ion:152 Resp: 404152

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.8

150 155.1 0.0 347.4



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

