

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060519\
 Data File : VD062623.D
 Acq On : 6 Jun 2019 13:10
 Operator : FY/SY
 Sample : K3218-01
 Misc : 8.38g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Quant Time: Jun 07 03:39:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 06 05:42:40 2019
 Response via : Initial Calibration

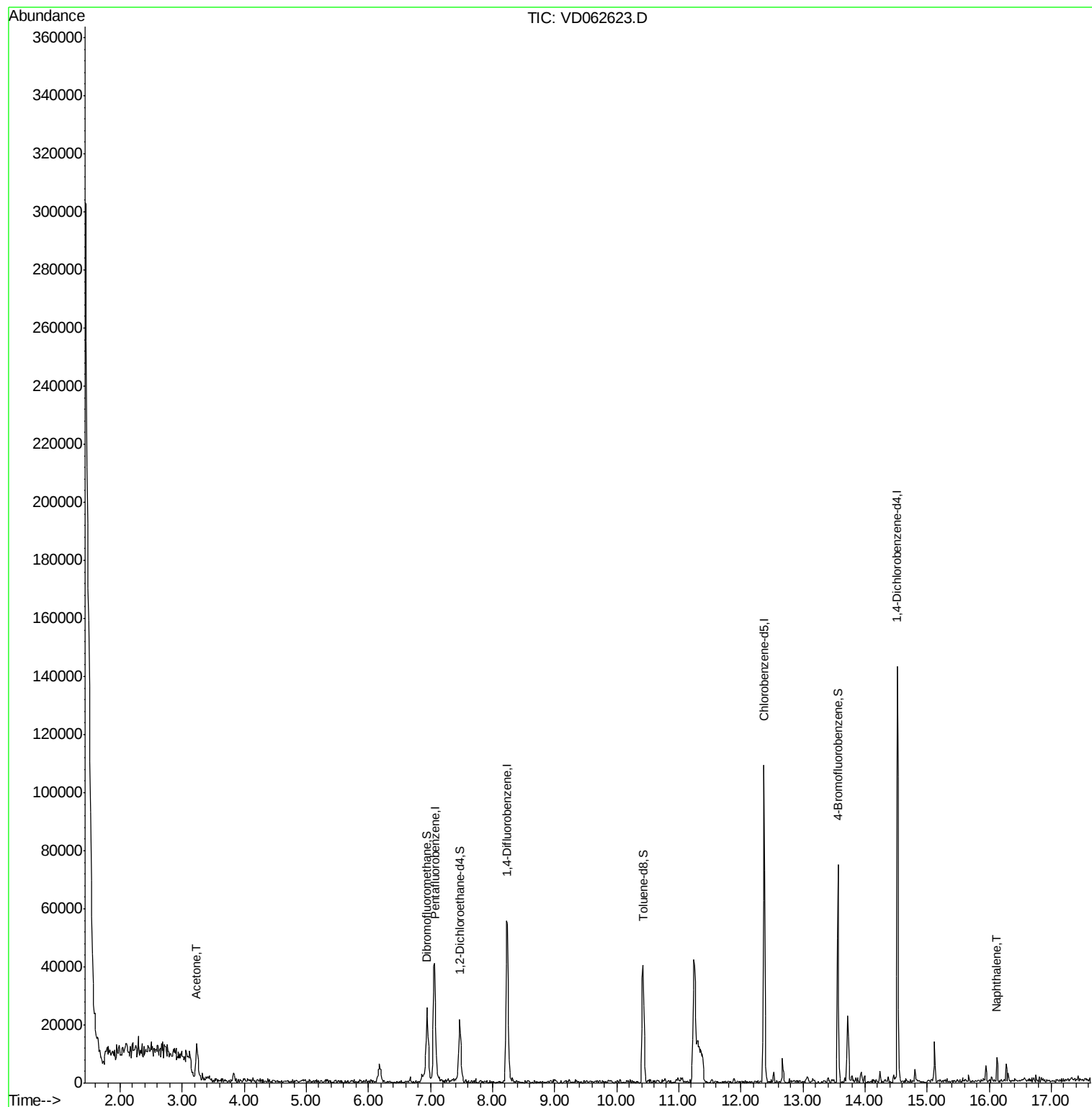
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	40728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	63555	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	53638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	29926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	24001	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
35) Dibromofluoromethane	6.94	113	20566	31.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.68%	
50) Toluene-d8	10.42	98	33937	24.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.78%	
62) 4-Bromofluorobenzene	13.56	95	18015	27.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.92%	
Target Compounds						
16) Acetone	3.24	43	24574	244.920	ug/l	95
95) Naphthalene	16.12	128	5493	5.952	ug/l #	93

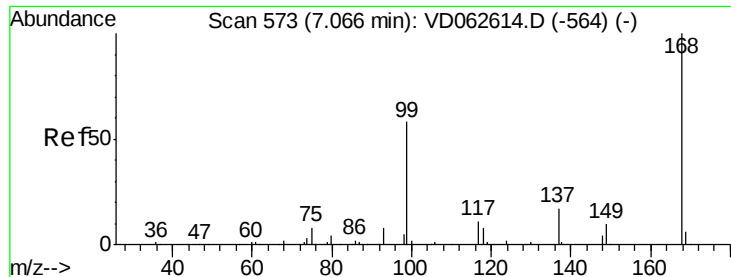
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD062623.D

Acq: 6 Jun 2019 13:10

Instrument :

MSVOA_D

ClientSampleId :

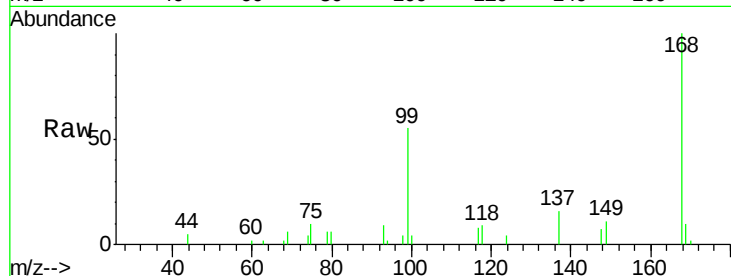
RBR-200035

Tot Ion:168 Resp: 40728

Ion Ratio Lower Upper

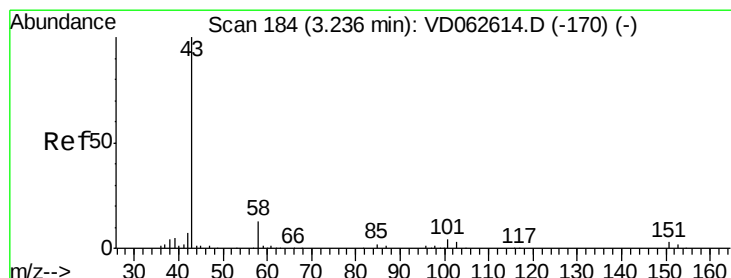
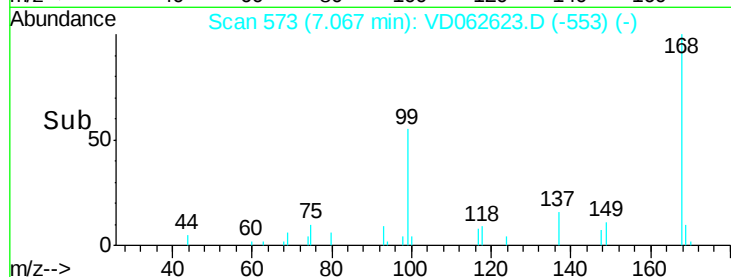
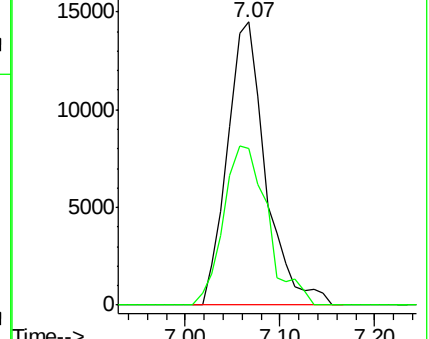
168 100

99 55.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 244.920 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD062623.D

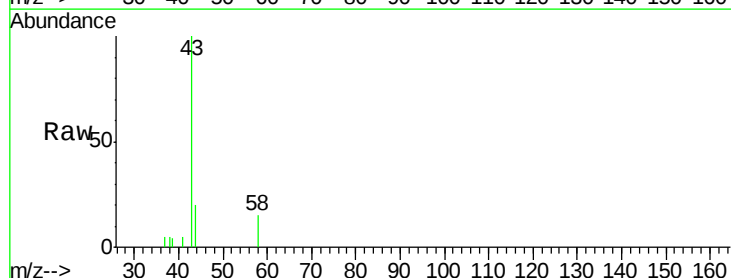
Acq: 6 Jun 2019 13:10

Tgt Ion: 43 Resp: 24574

Ion Ratio Lower Upper

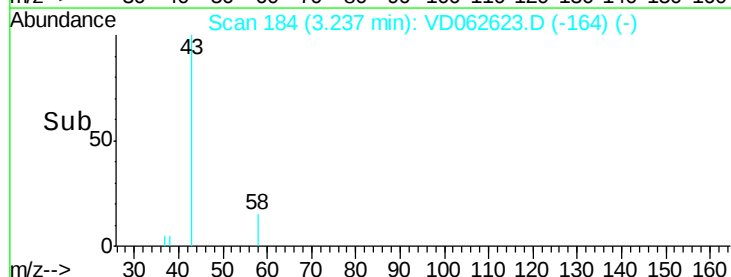
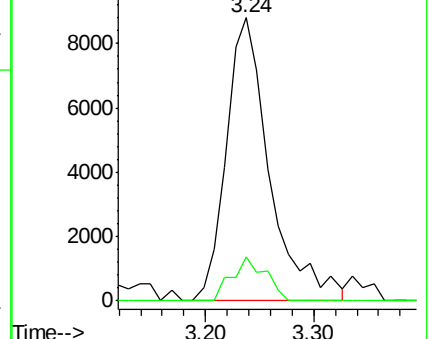
43 100

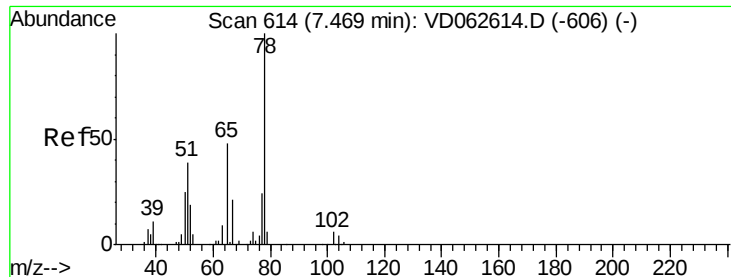
58 15.4 10.7 16.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 42.989 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062623.D

Acq: 6 Jun 2019 13:10

Instrument :

MSVOA_D

ClientSampleId :

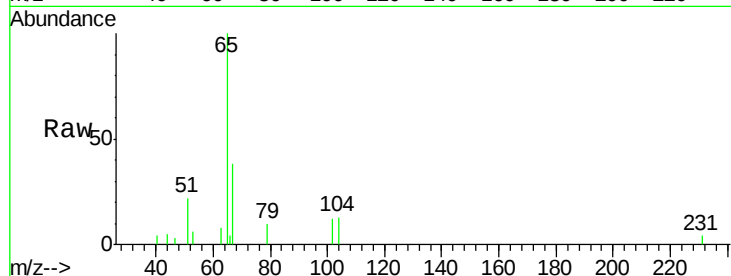
RBR-200035

Tot Ion: 65 Resp: 24001

Ion Ratio Lower Upper

65 100

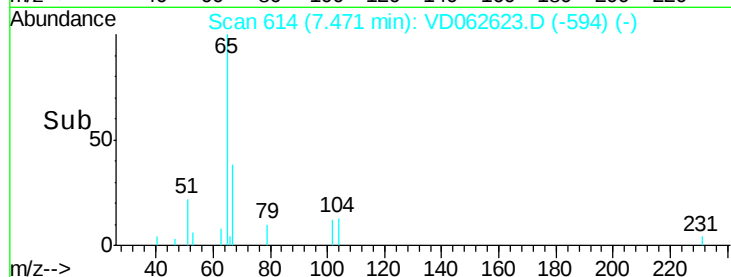
67 37.8 0.0 86.2



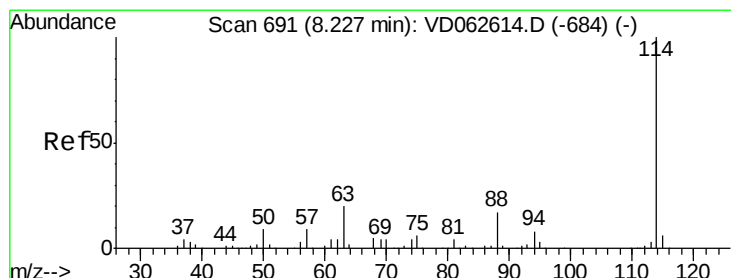
Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062623.D

Acq: 6 Jun 2019 13:10

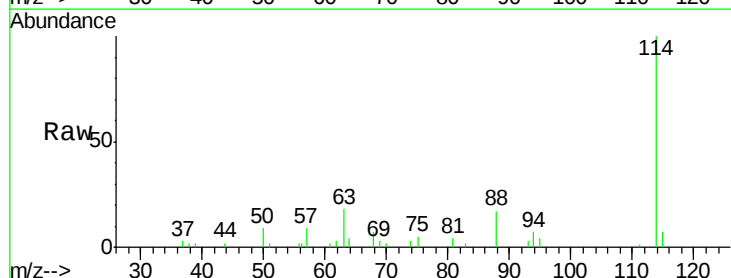
Tgt Ion: 114 Resp: 63555

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.0

88 16.6 0.0 34.2

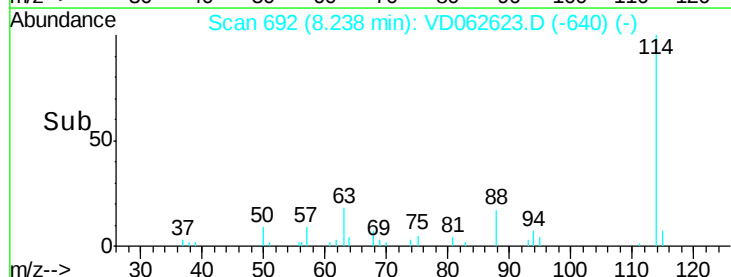


Abundance Ion 114.00 (113.70 to 114.70): V

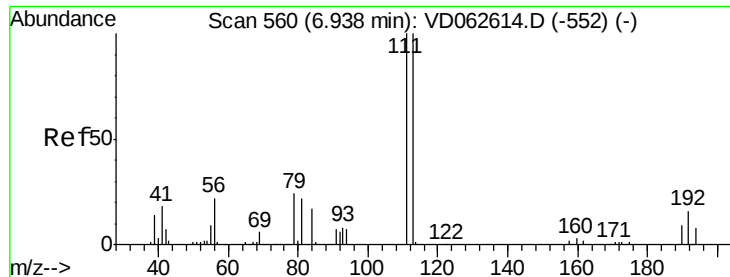
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.24



Time-->



#35

Dibromofluoromethane

Concen: 31.839 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD062623.D

Acq: 6 Jun 2019 13:10

Instrument :

MSVOA_D

ClientSampleId :

RBR-200035

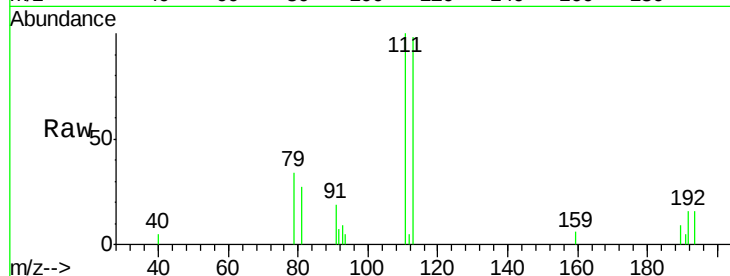
Tot Ion:113 Resp: 20566

Ion Ratio Lower Upper

113 100

111 102.4 80.1 120.1

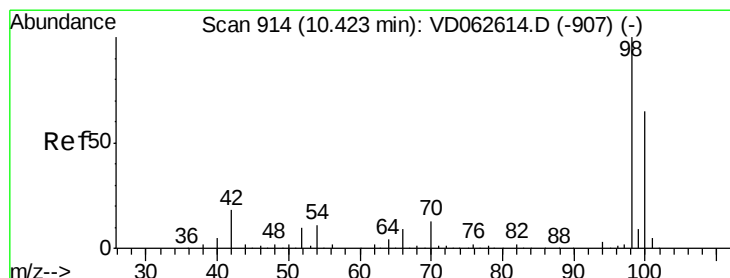
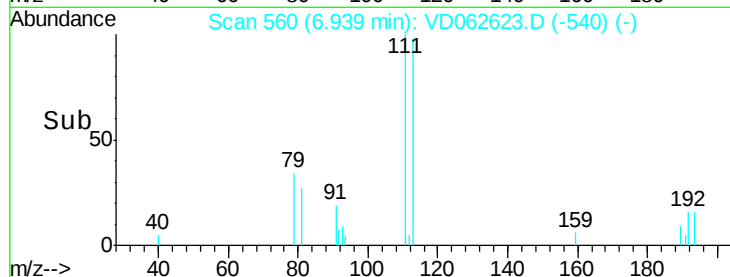
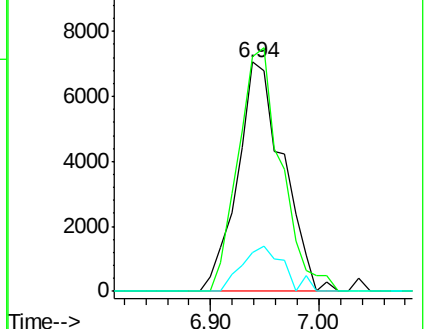
192 16.8 13.0 19.6



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 24.388 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062623.D

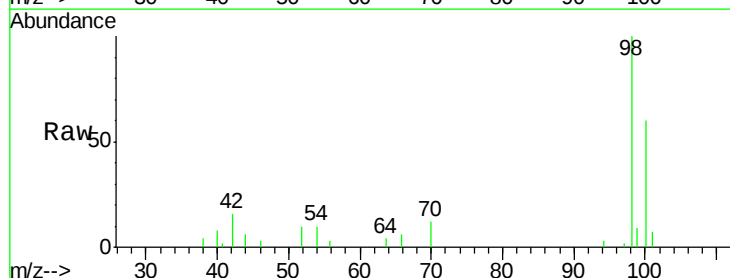
Acq: 6 Jun 2019 13:10

Tgt Ion: 98 Resp: 33937

Ion Ratio Lower Upper

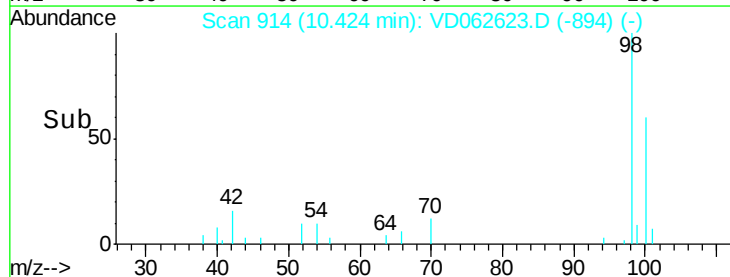
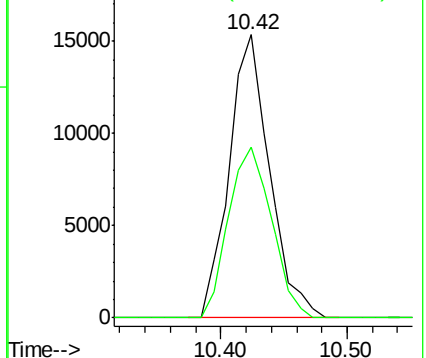
98 100

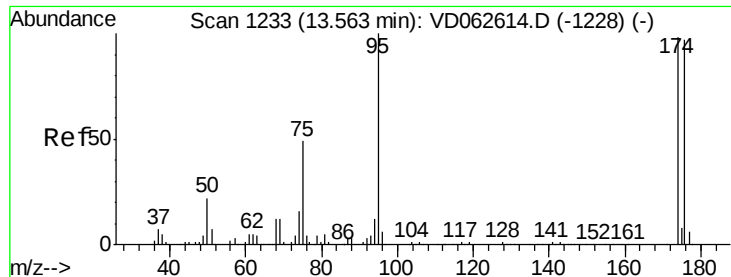
100 60.4 52.8 79.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

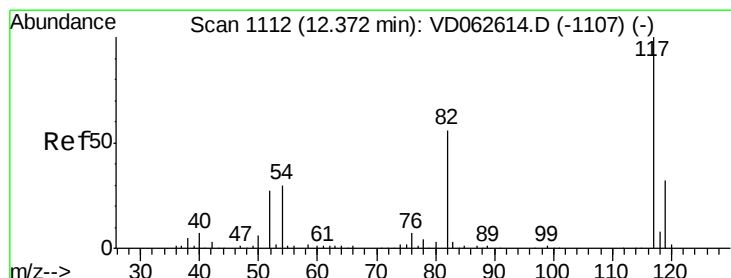
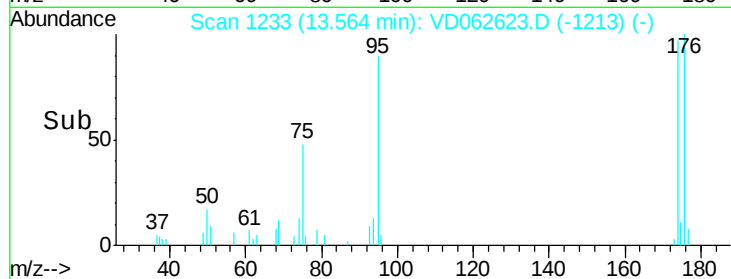
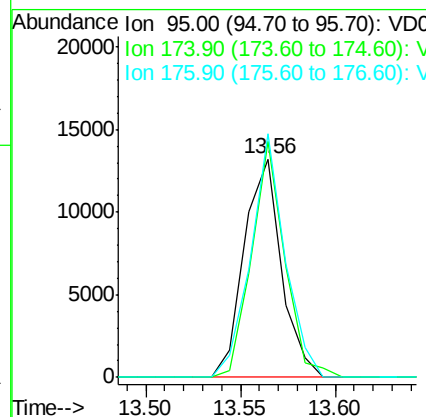
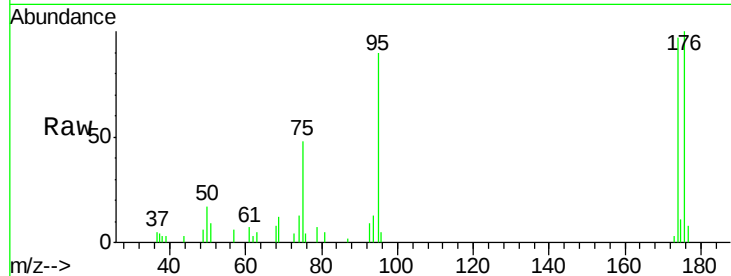




#62
4-Bromofluorobenzene
Concen: 27.461 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062623.D
Acq: 6 Jun 2019 13:10

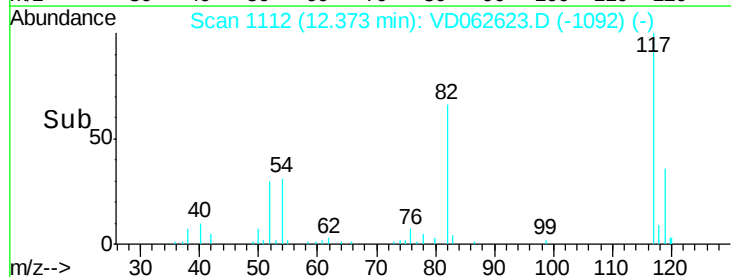
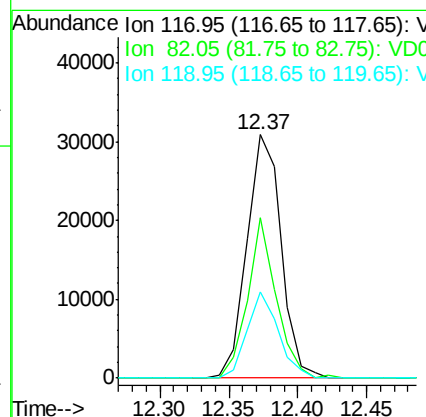
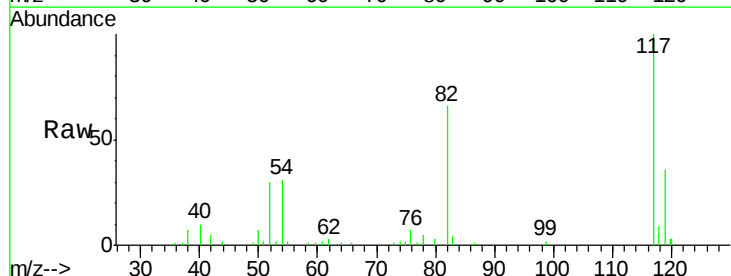
Instrument :
MSVOA_D
ClientSampleId :
RBR-200035

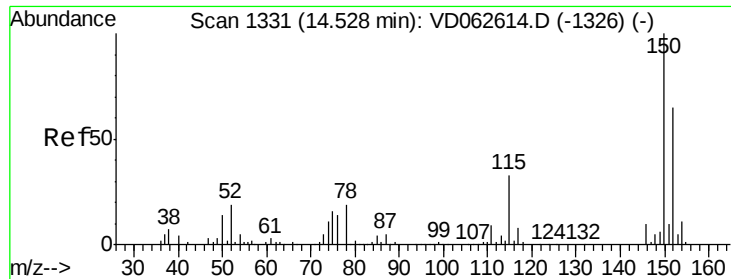
Tot Ion: 95 Resp: 18015
Ion Ratio Lower Upper
95 100
174 108.1 0.0 195.8
176 111.5 0.0 193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062623.D
Acq: 6 Jun 2019 13:10

Tgt Ion: 117 Resp: 53638
Ion Ratio Lower Upper
117 100
82 65.6 45.0 67.6
119 35.6 25.7 38.5

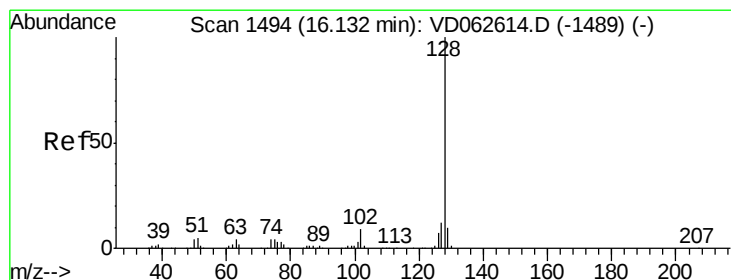
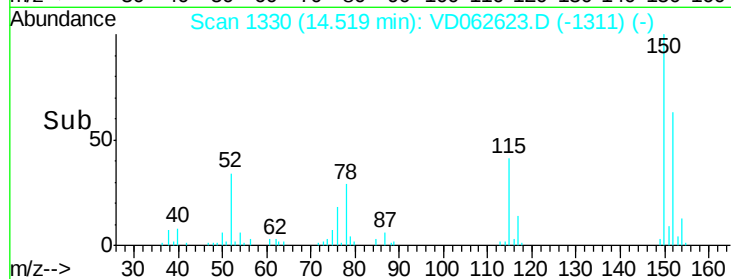
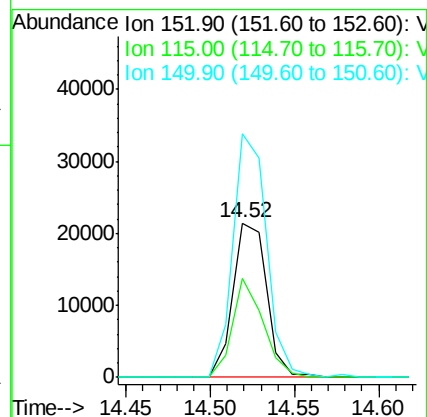
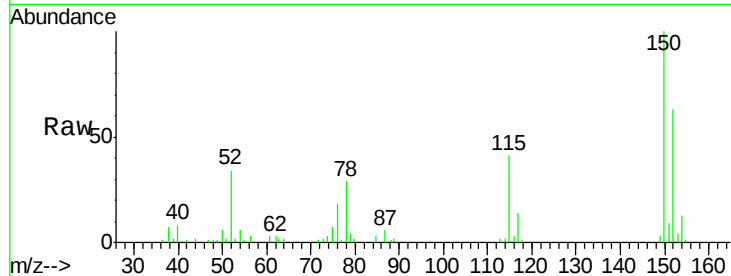




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062623.D
 Acq: 6 Jun 2019 13:10

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200035

Tot Ion:152 Resp: 29926
 Ion Ratio Lower Upper
 152 100
 115 64.0 27.1 81.3
 150 157.8 0.0 315.0



#95
 Naphthalene
 Concen: 5.952 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: VD062623.D
 Acq: 6 Jun 2019 13:10

Tgt Ion:128 Resp: 5493
 Ion Ratio Lower Upper
 128 100
 127 8.4 9.4 14.2#
 129 11.5 8.0 12.0

