

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062789.D
 Acq On : 20 Jun 2019 13:05
 Operator : VA/AP
 Sample : K3447-01
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-1

Quant Time: Jun 21 06:51:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

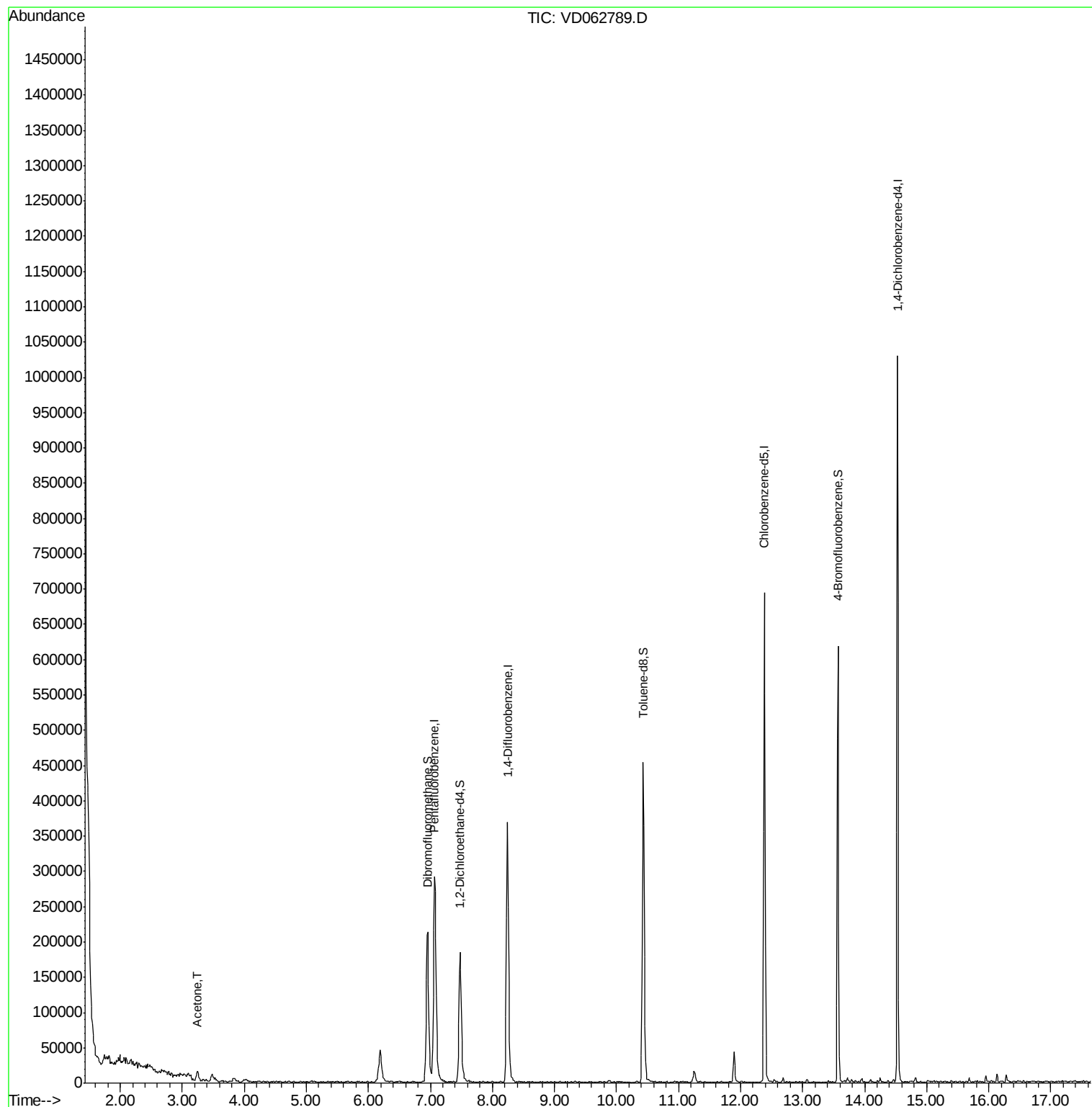
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	273218	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.25	114	397759	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	373735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	219845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	212811	71.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	143.32%	
35) Dibromofluoromethane	6.96	113	179846	53.62	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.24%	
50) Toluene-d8	10.43	98	353566	48.44	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	13.57	95	172849	52.08	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
16) Acetone	3.25	43	28302	41.149	ug/l #	Qvalue 92

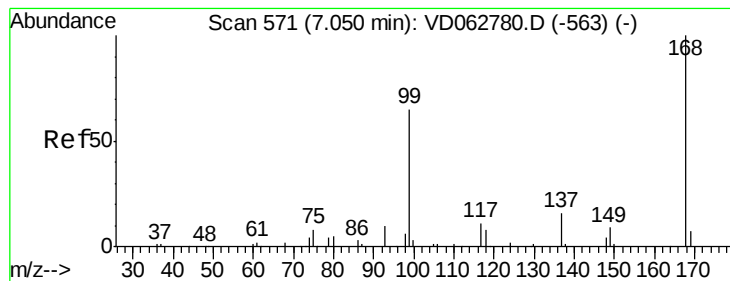
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD062789.D

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ClientSampleId :

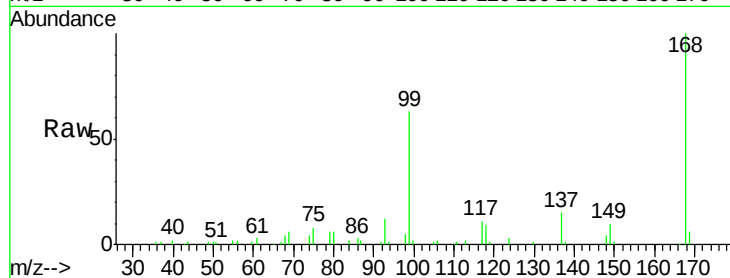
BOTTOM-1

Tot Ion:168 Resp: 273218

Ion Ratio Lower Upper

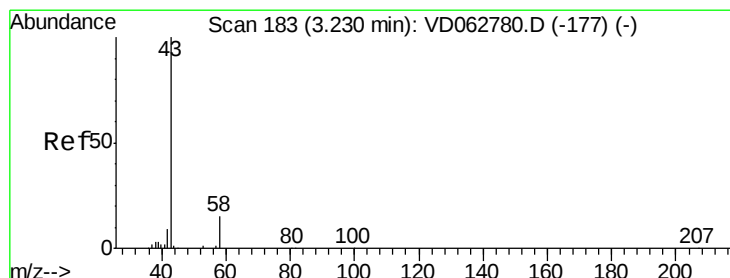
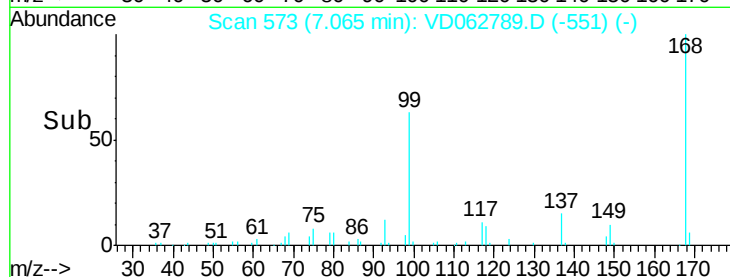
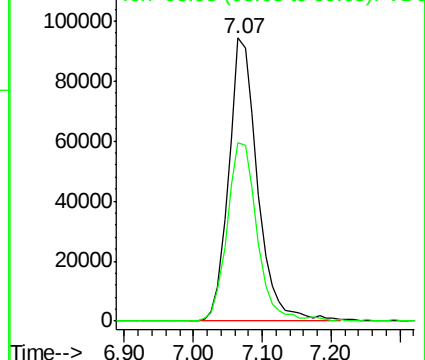
168 100

99 63.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 41.149 ug/l

RT: 3.25 min Scan# 185

Delta R.T. 0.02 min

Lab File: VD062789.D

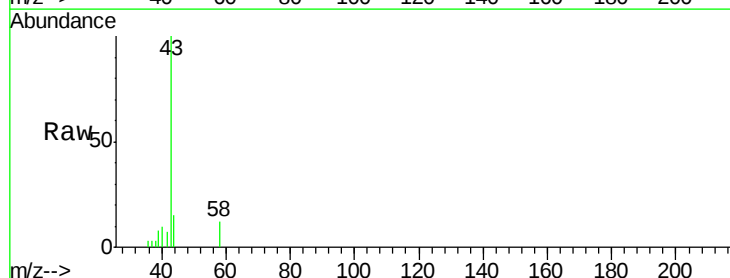
Acq: 20 Jun 2019 13:05

Tgt Ion: 43 Resp: 28302

Ion Ratio Lower Upper

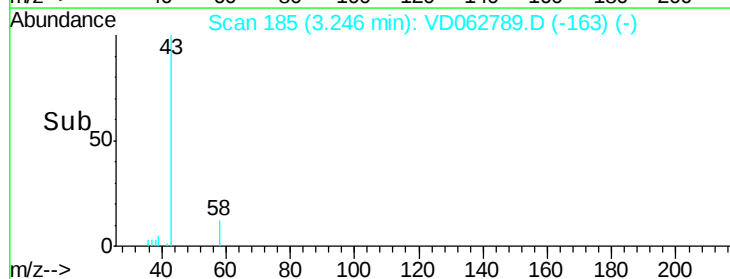
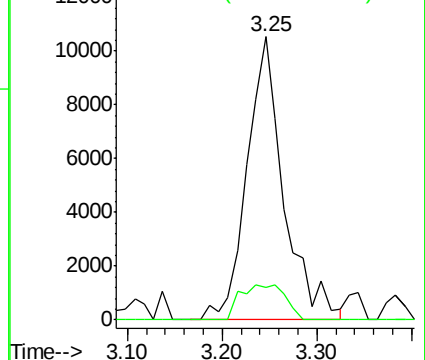
43 100

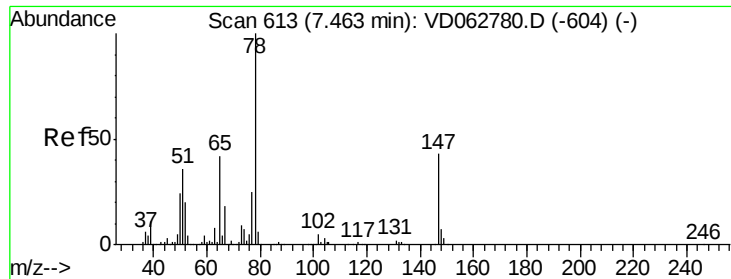
58 11.7 11.9 17.9#



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: 71.657 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.02 min

Lab File: VD062789.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_D

ClientSampleId :

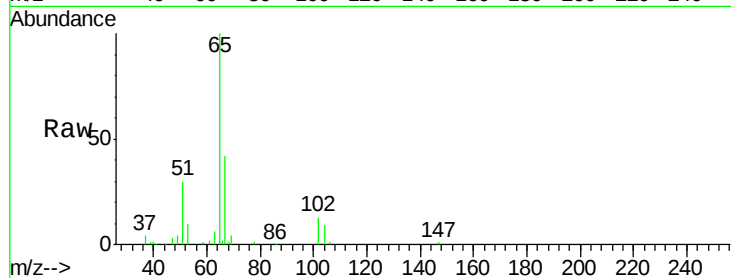
BOTTOM-1

Tot Ion: 65 Resp: 212811

Ion Ratio Lower Upper

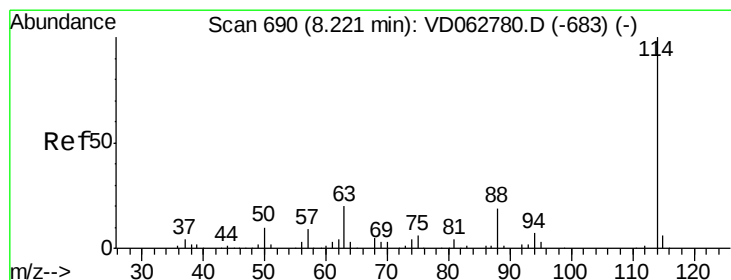
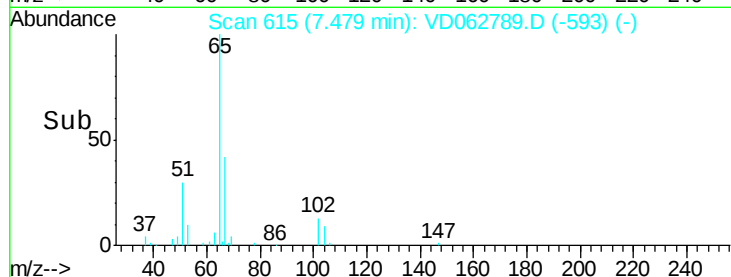
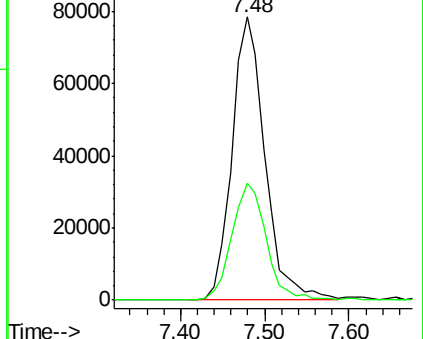
65 100

67 41.5 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD062789.D

Acq: 20 Jun 2019 13:05

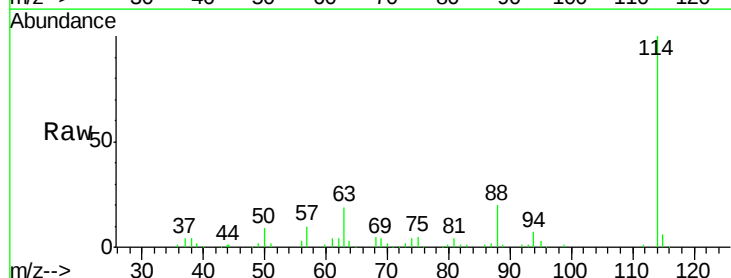
Tgt Ion: 114 Resp: 397759

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

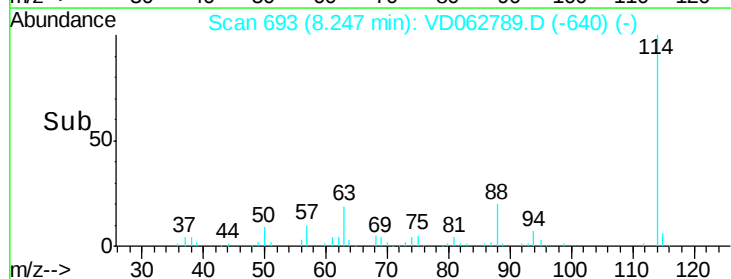
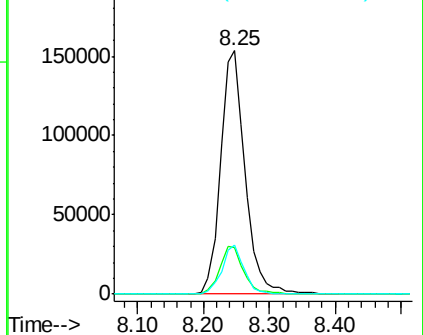
88 20.4 0.0 38.8



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





#35

Dibromofluoromethane

Concen: 53.623 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD062789.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_D

ClientSampleId :

BOTTOM-1

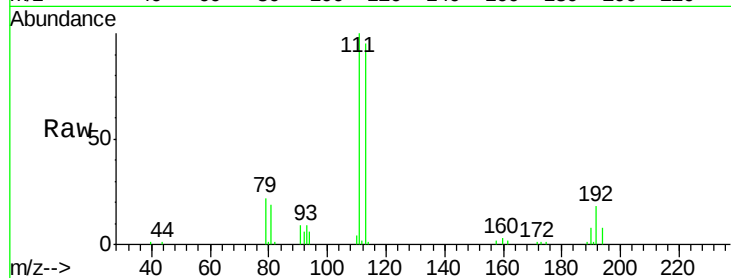
Tot Ion:113 Resp: 179846

Ion Ratio Lower Upper

113 100

111 104.9 81.2 121.8

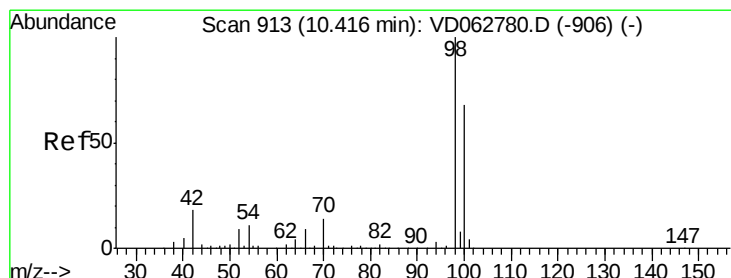
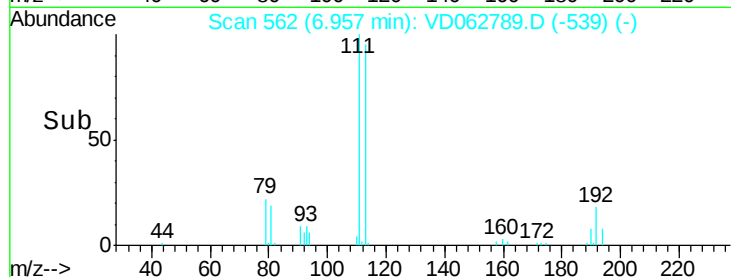
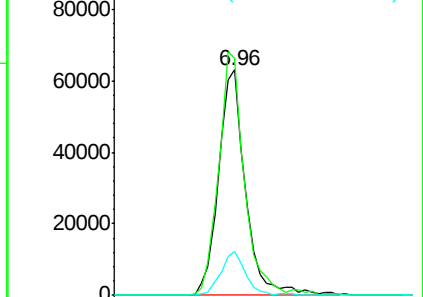
192 19.4 12.9 19.3#



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: 48.436 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD062789.D

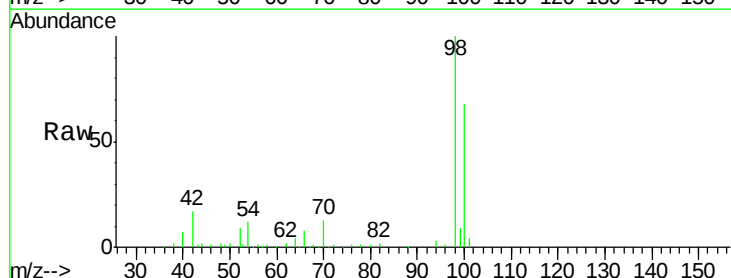
Acq: 20 Jun 2019 13:05

Tgt Ion: 98 Resp: 353566

Ion Ratio Lower Upper

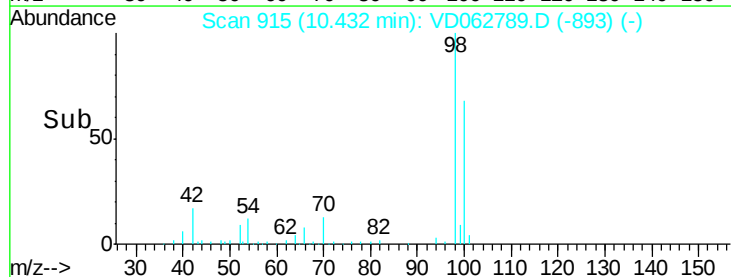
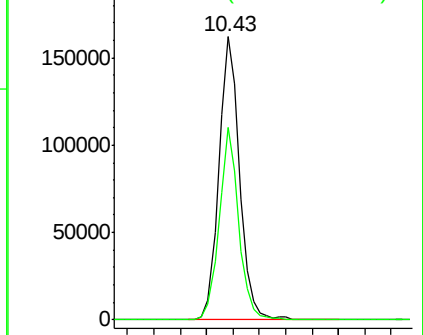
98 100

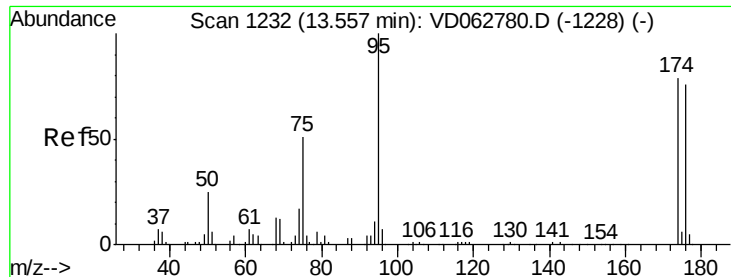
100 67.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

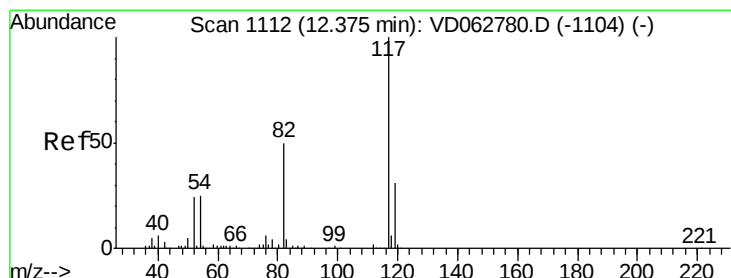
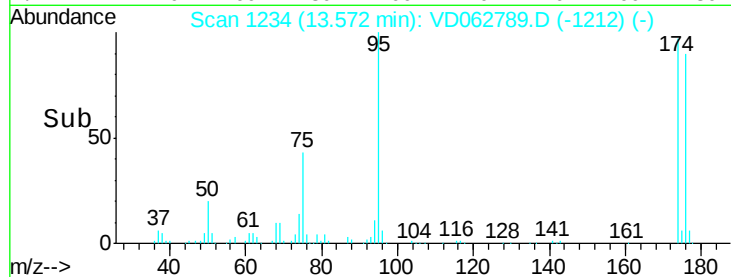
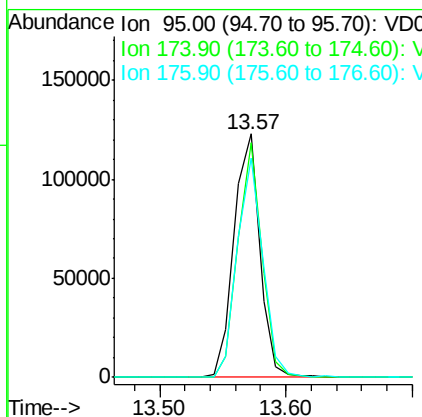
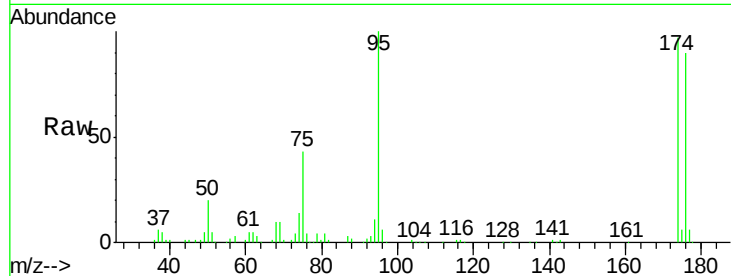




#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062789.D
Acq: 20 Jun 2019 13:05

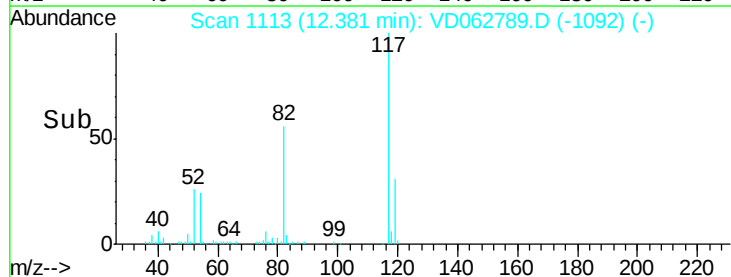
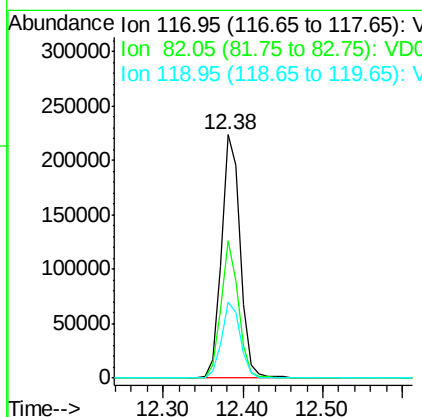
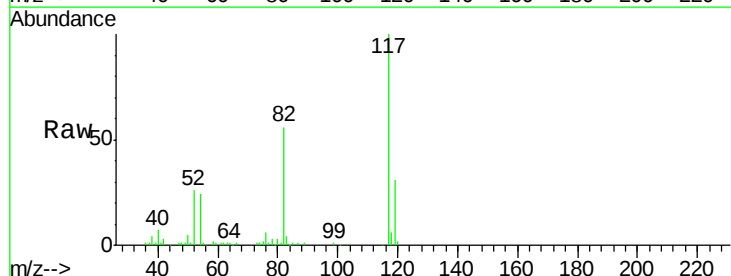
Instrument :
MSVOA_D
ClientSampleId :
BOTTOM-1

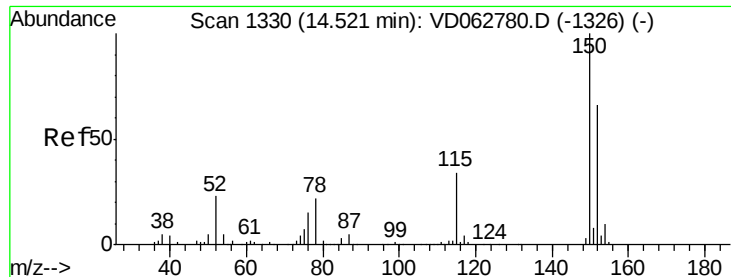
Tot Ion: 95 Resp: 172849
Ion Ratio Lower Upper
95 100
174 96.6 0.0 158.0
176 89.8 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062789.D
Acq: 20 Jun 2019 13:05

Tgt Ion: 117 Resp: 373735
Ion Ratio Lower Upper
117 100
82 56.2 40.4 60.6
119 31.0 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062789.D

Acq: 20 Jun 2019 13:05

Instrument :

MSVOA_D

ClientSampleId :

BOTTOM-1

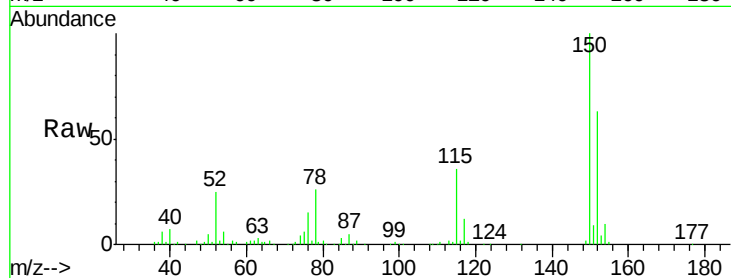
Tot Ion:152 Resp: 219845

Ion Ratio Lower Upper

152 100

115 57.3 29.2 87.6

150 157.9 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

