

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063588.D
 Acq On : 14 Aug 2019 21:41
 Operator : JC/SY
 Sample : K4324-05RE
 Misc : 5.52g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)RE

Quant Time: Aug 15 13:06:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

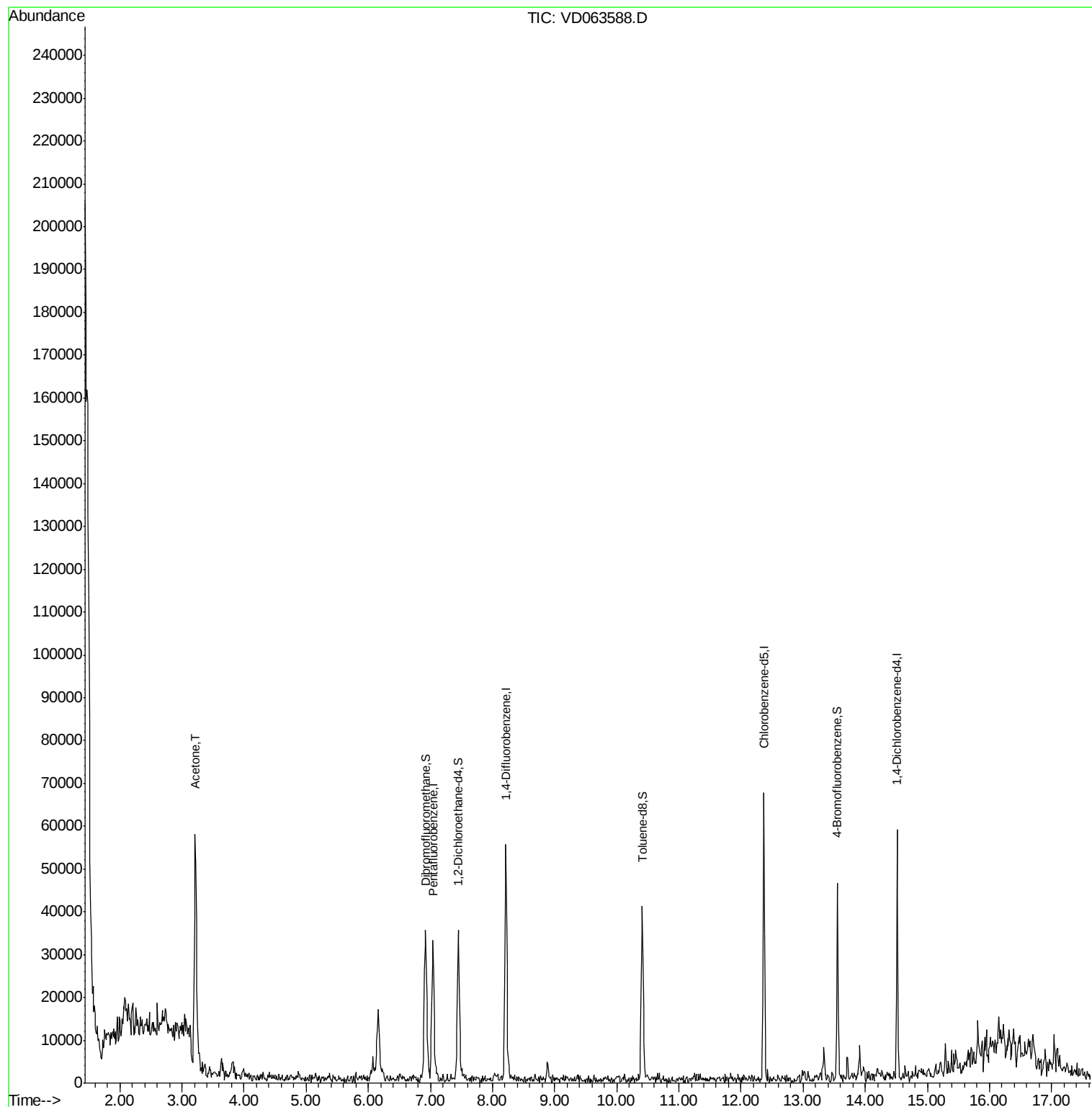
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	32366	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	54489	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	37339	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	12718	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	39237	113.41	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	226.82%	
35) Dibromofluoromethane	6.92	113	29526	64.34	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.68%	
50) Toluene-d8	10.41	98	34396	34.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.18%	
62) 4-Bromofluorobenzene	13.55	95	14359	31.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.80%	
Target Compounds						
16) Acetone	3.21	43	102601	1458.884	ug/l	Qvalue 100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

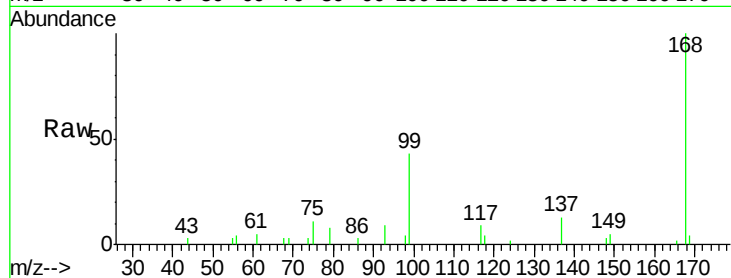
T8-E1-(0)RE

Tot Ion:168 Resp: 32366

Ion Ratio Lower Upper

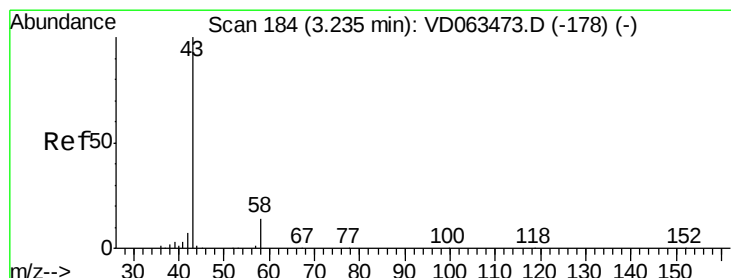
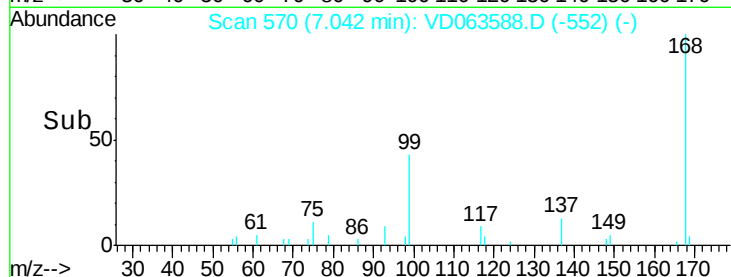
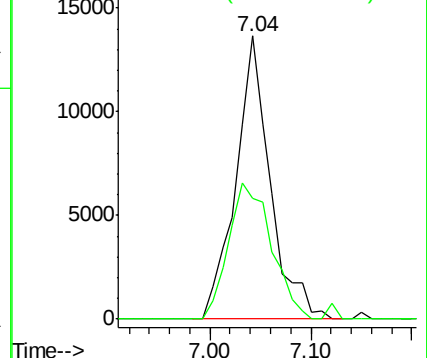
168 100

99 42.8 46.7 70.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1458.884 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063588.D

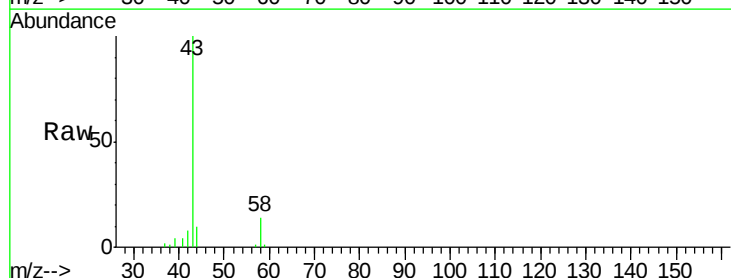
Acq: 14 Aug 2019 21:41

Tgt Ion: 43 Resp: 102601

Ion Ratio Lower Upper

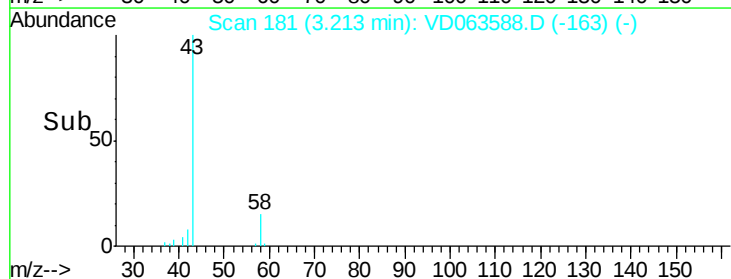
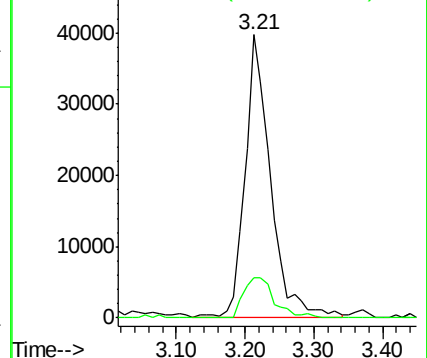
43 100

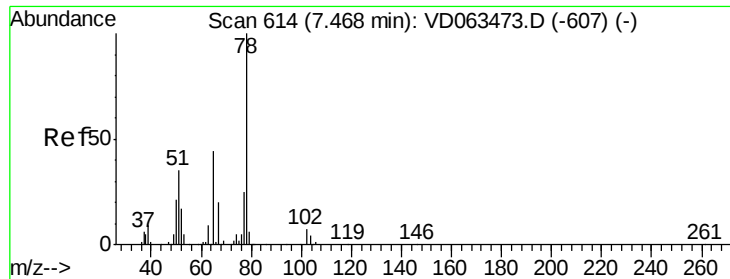
58 14.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

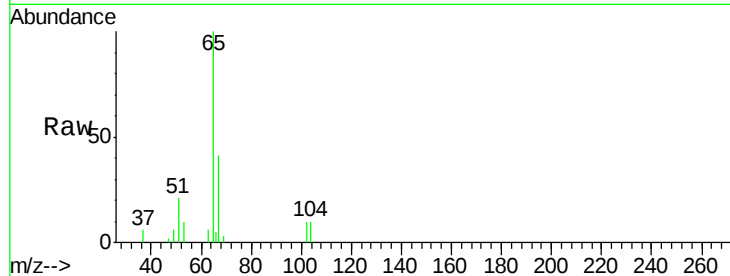




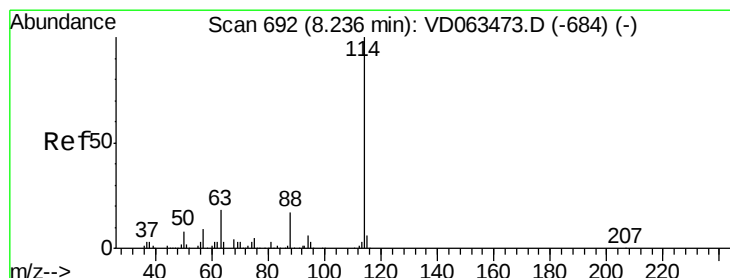
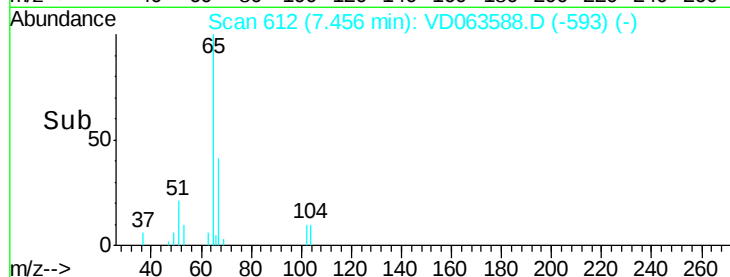
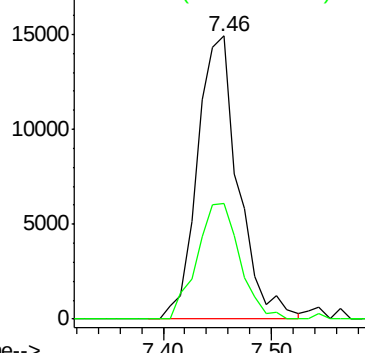
#33
 1,2-Dichloroethane-d4
 Concen: 113.412 ug/l
 RT: 7.46 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-E1-(0)RE

Tot Ion: 65 Resp: 39237
 Ion Ratio Lower Upper
 65 100
 67 40.8 0.0 89.2

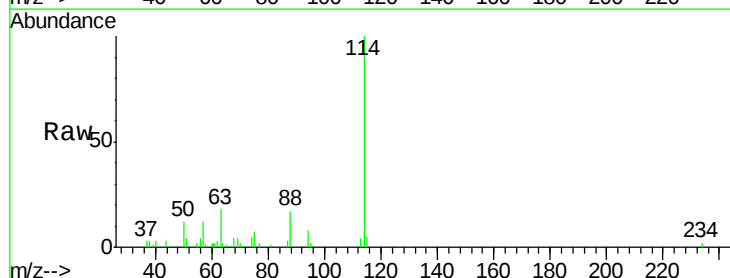


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

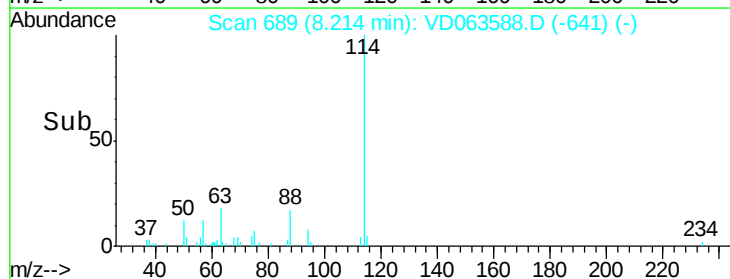
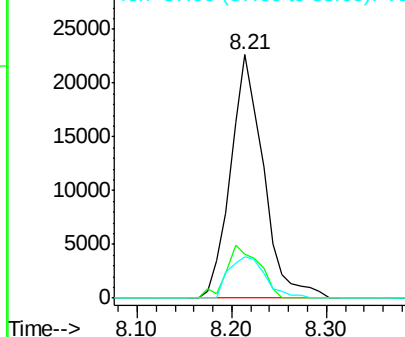


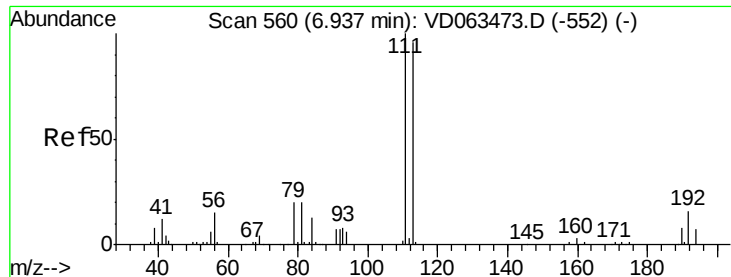
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VD063588.D
 Acq: 14 Aug 2019 21:41

Tgt Ion: 114 Resp: 54489
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.2
 88 17.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 64.339 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)RE

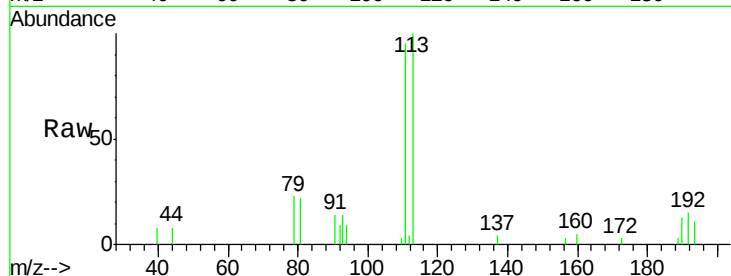
Tot Ion:113 Resp: 29526

Ion Ratio Lower Upper

113 100

111 95.1 83.1 124.7

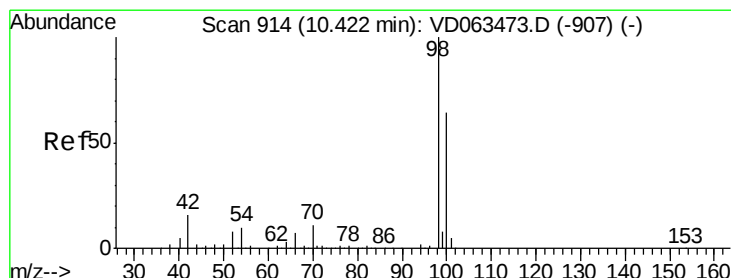
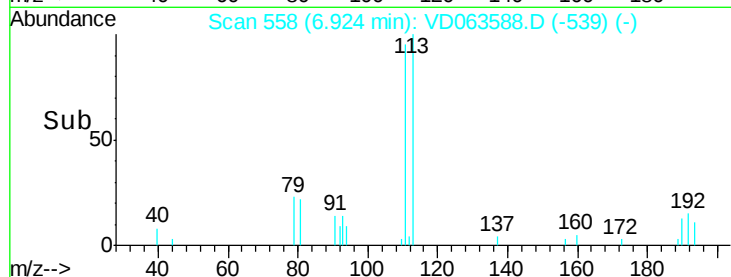
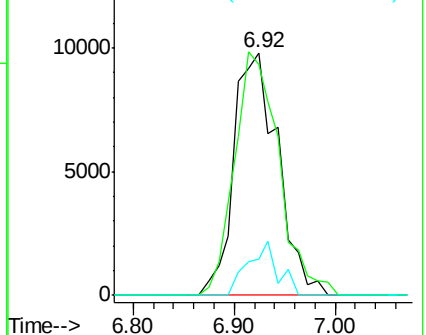
192 14.8 13.1 19.7



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: 34.091 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063588.D

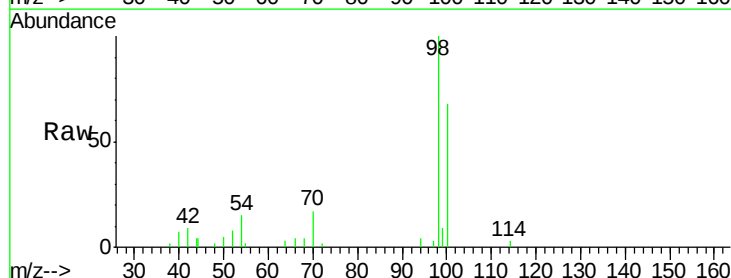
Acq: 14 Aug 2019 21:41

Tgt Ion: 98 Resp: 34396

Ion Ratio Lower Upper

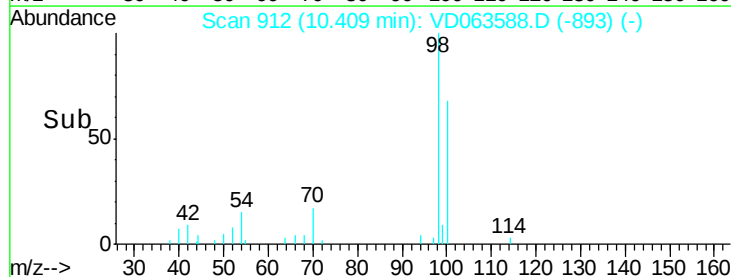
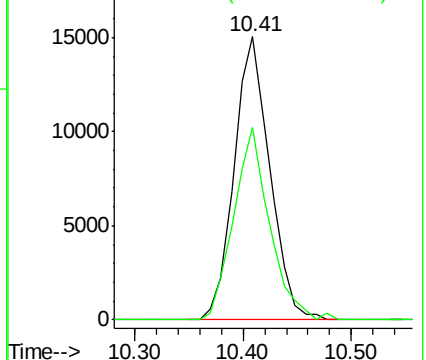
98 100

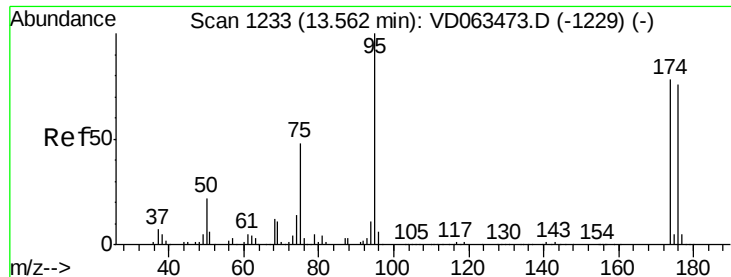
100 67.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

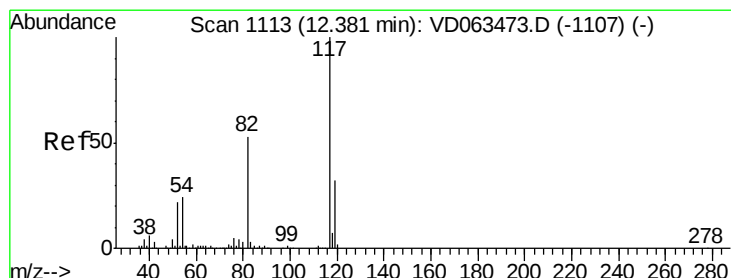
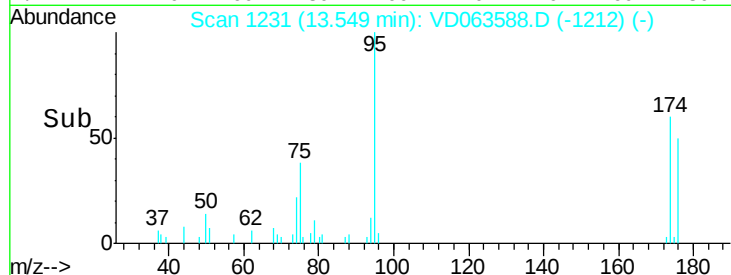
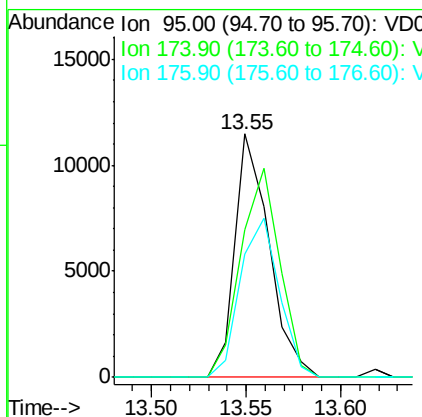
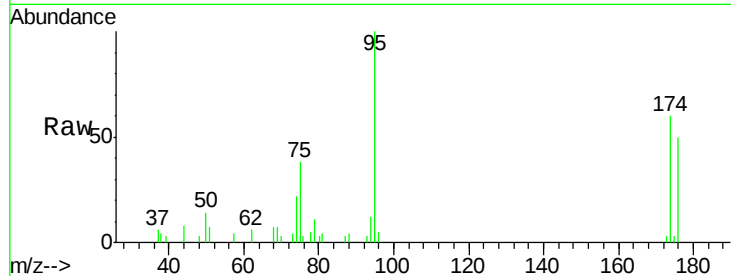




#62
4-Bromofluorobenzene
Concen: 31.400 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

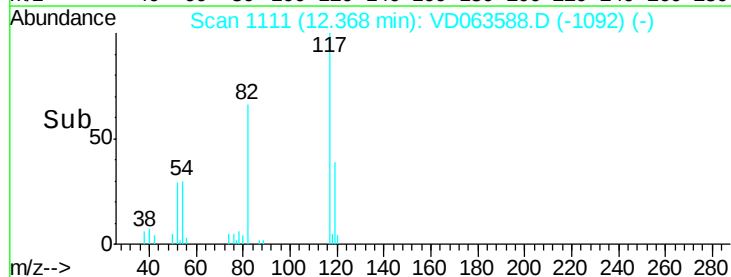
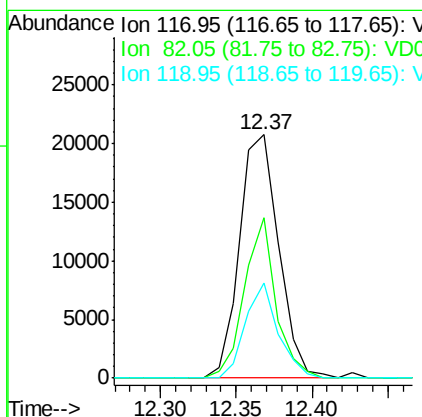
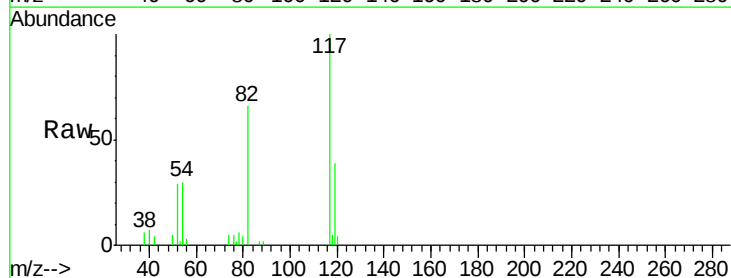
Instrument :
MSVOA_D
ClientSampleId :
T8-E1-(0)RE

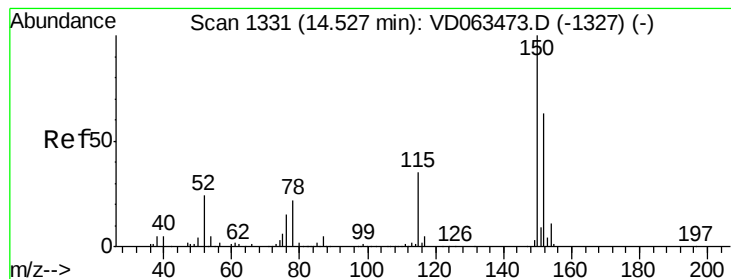
Tot Ion: 95 Resp: 14359
Ion Ratio Lower Upper
95 100
174 60.5 0.0 155.4
176 50.4 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063588.D
Acq: 14 Aug 2019 21:41

Tgt Ion: 117 Resp: 37339
Ion Ratio Lower Upper
117 100
82 66.1 42.0 63.0#
119 39.1 25.4 38.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063588.D

Acq: 14 Aug 2019 21:41

Instrument :

MSVOA_D

ClientSampleId :

T8-E1-(0)RE

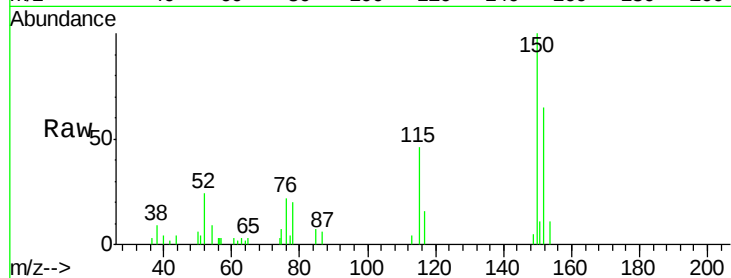
Tot Ion:152 Resp: 12718

Ion Ratio Lower Upper

152 100

115 70.5 30.9 92.7

150 153.9 0.0 318.6



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

