

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082019\
 Data File : VD063688.D
 Acq On : 20 Aug 2019 16:49
 Operator : JC/SY
 Sample : K4388-03
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T4-B1-(2)

Quant Time: Aug 21 04:23:38 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

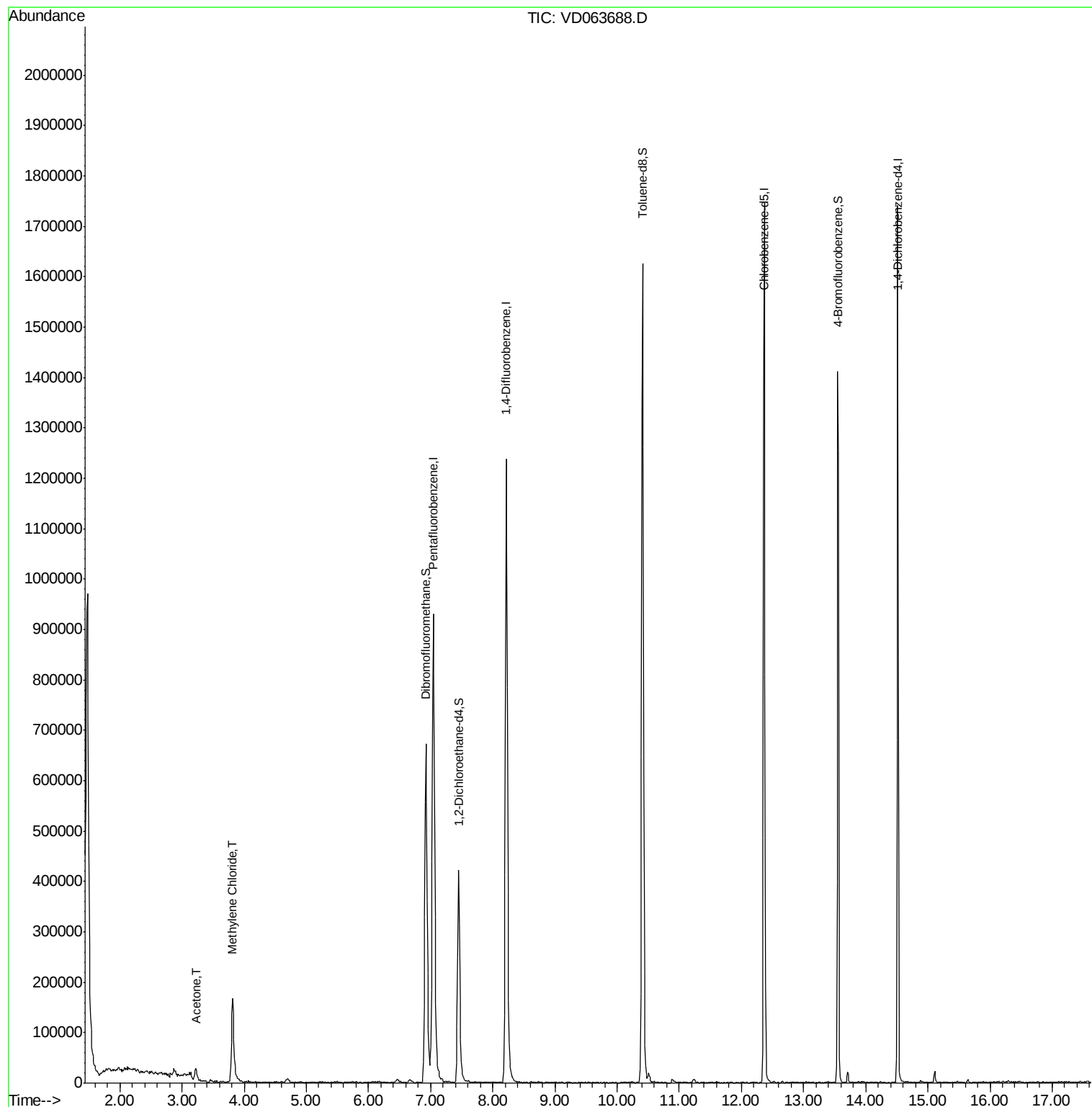
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	894611	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1388279	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	962330	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	360218	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	470261	49.18	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	6.92	113	588967	50.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.41	98	1315860	51.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	13.55	95	419962	36.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.10%	
Target Compounds						
16) Acetone	3.22	43	53060	27.296	ug/l #	92
20) Methylene Chloride	3.81	84	104280	12.406	ug/l	98

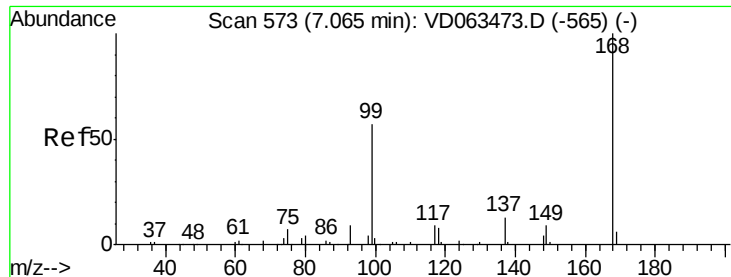
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

ClientSampleId :

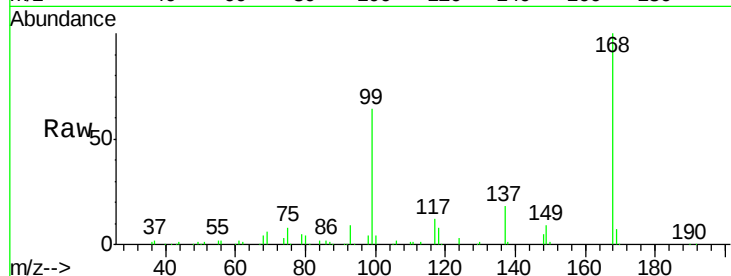
T4-B1-(2)

Tot Ion:168 Resp: 894611

Ion Ratio Lower Upper

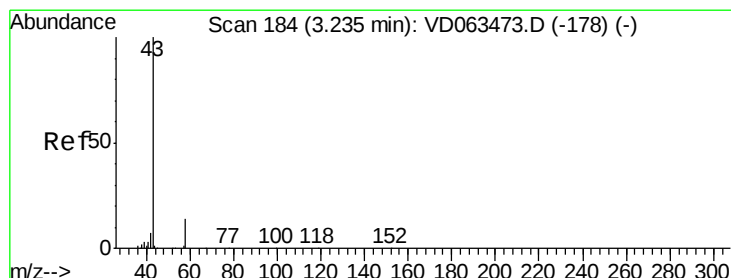
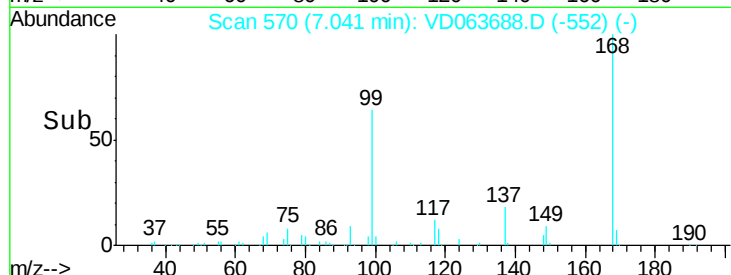
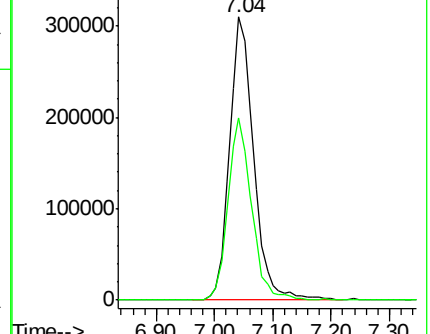
168 100

99 64.3 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: 27.296 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063688.D

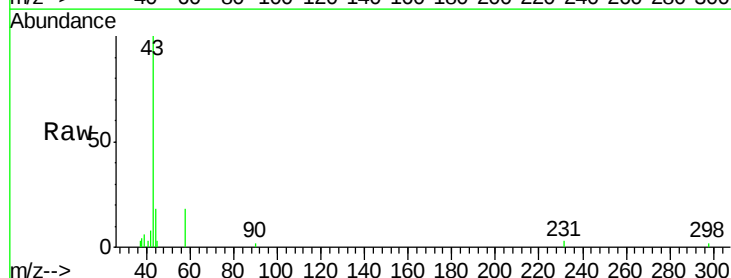
Acq: 20 Aug 2019 16:49

Tgt Ion: 43 Resp: 53060

Ion Ratio Lower Upper

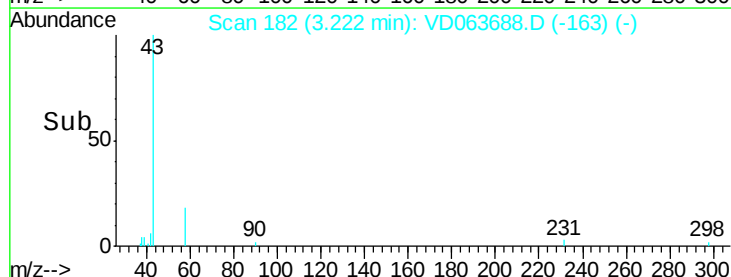
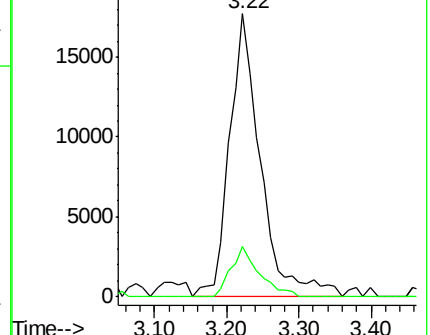
43 100

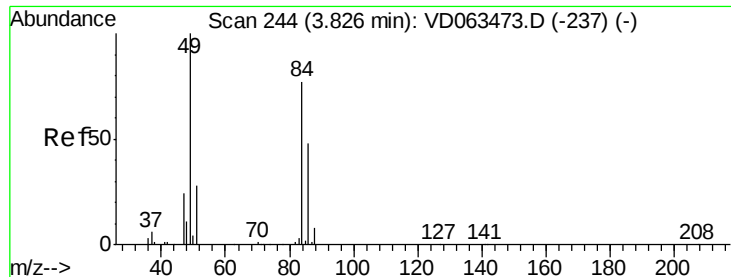
58 17.7 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 12.406 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063688.D

Acq: 20 Aug 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

T4-B1-(2)

Tot Ion: 84 Resp: 104280

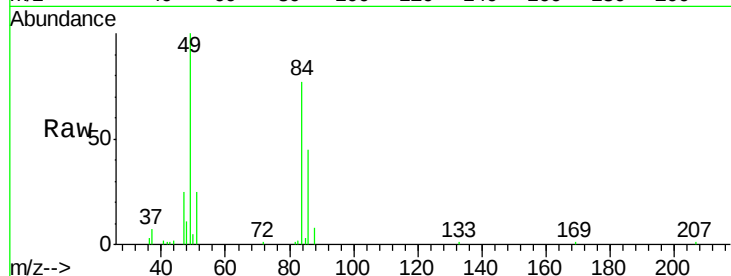
Ion Ratio Lower Upper

84 100

49 130.2 103.4 155.2

51 32.4 28.5 42.7

86 58.6 49.4 74.2

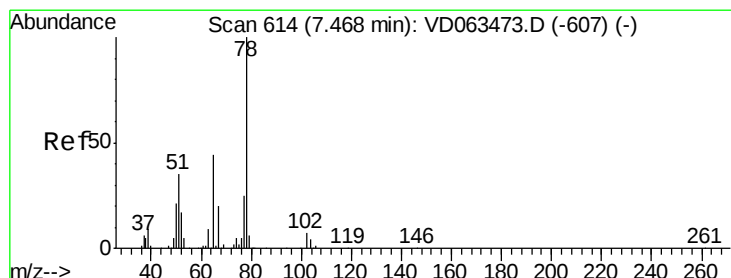
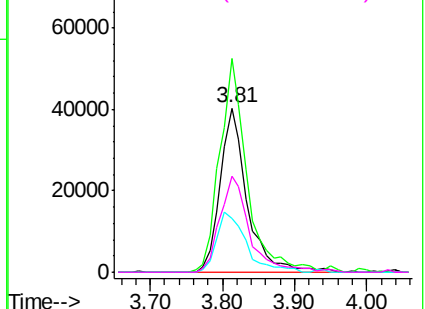
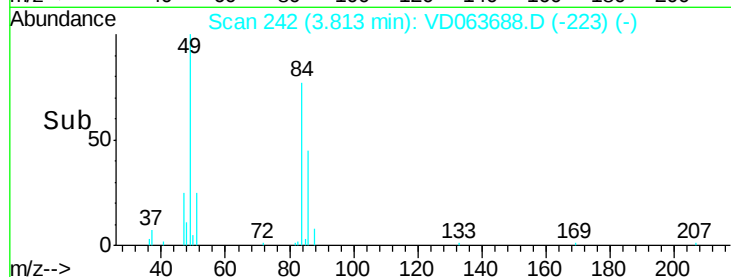


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.177 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063688.D

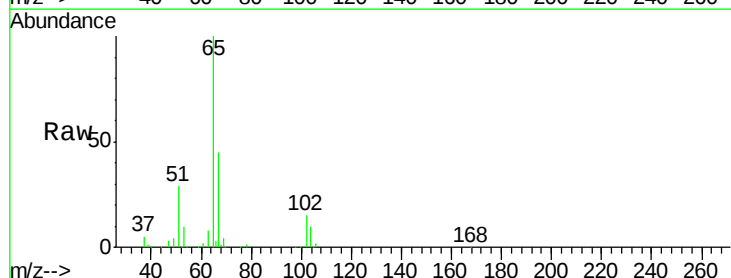
Acq: 20 Aug 2019 16:49

Tgt Ion: 65 Resp: 470261

Ion Ratio Lower Upper

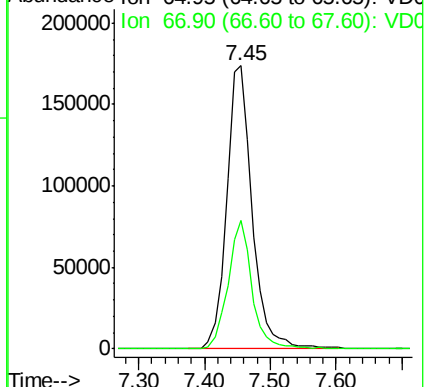
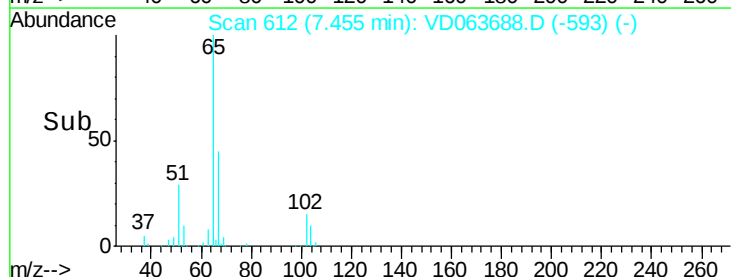
65 100

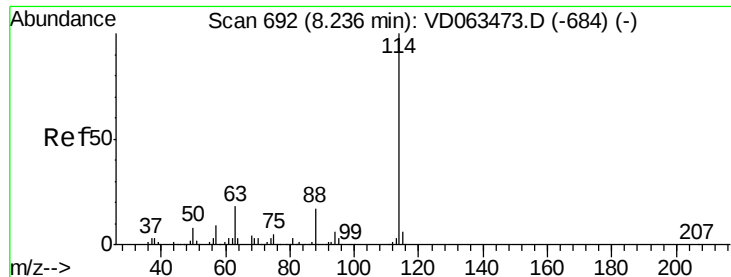
67 45.2 0.0 89.2



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: VD063688.D

Acq: 20 Aug 2019 16:49

Instrument :

MSVOA_D

ClientSampleId :

T4-B1-(2)

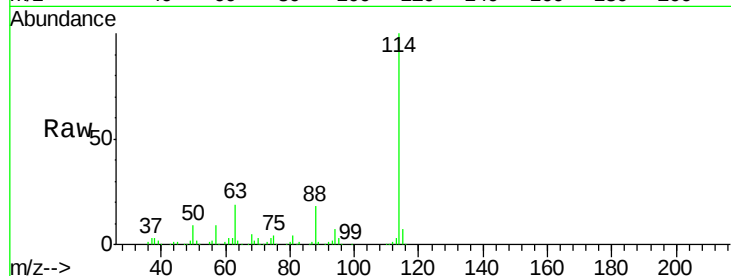
Tot Ion:114 Resp: 1388279

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

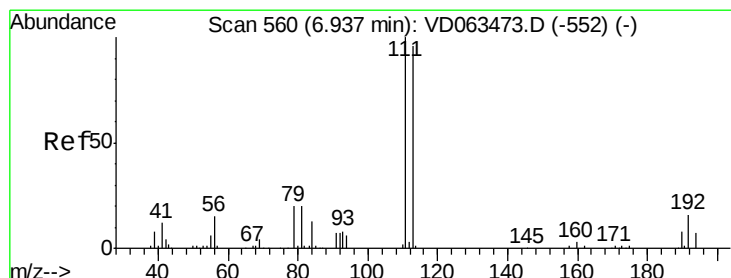
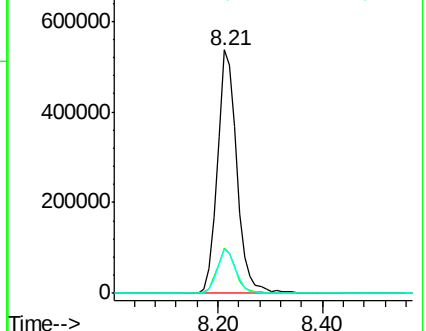
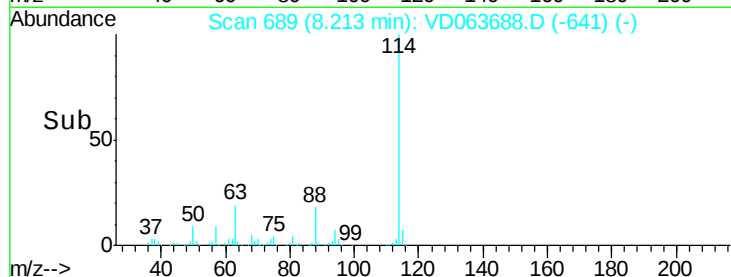
88 18.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.373 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063688.D

Acq: 20 Aug 2019 16:49

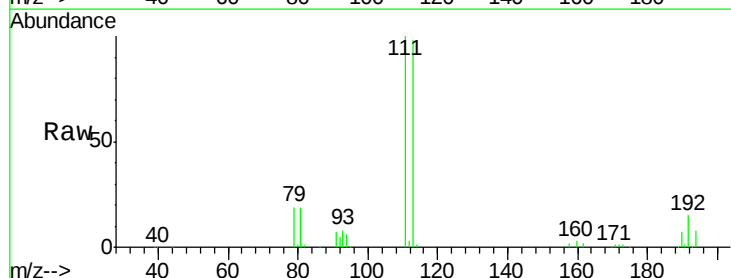
Tgt Ion:113 Resp: 588967

Ion Ratio Lower Upper

113 100

111 102.0 83.1 124.7

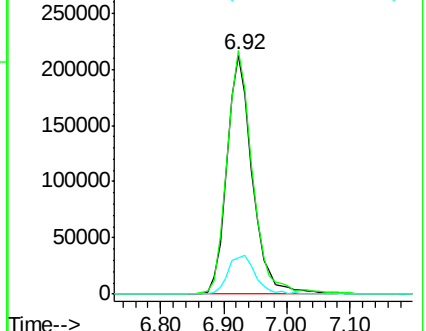
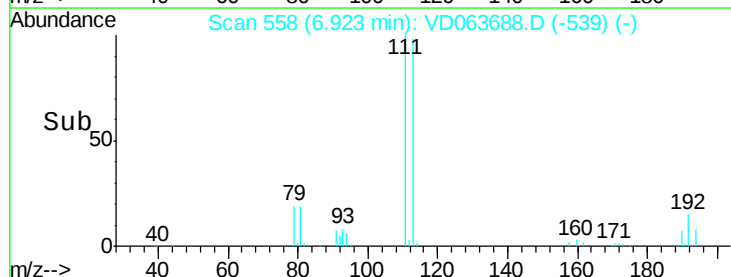
192 15.4 13.1 19.7

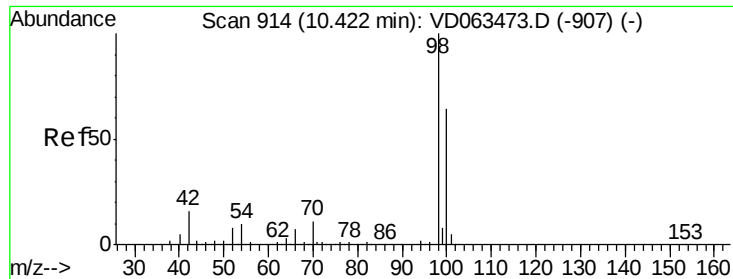


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

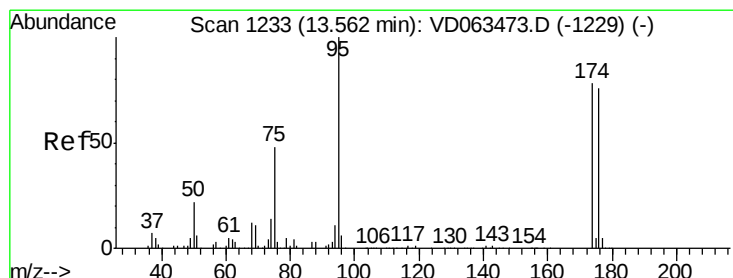
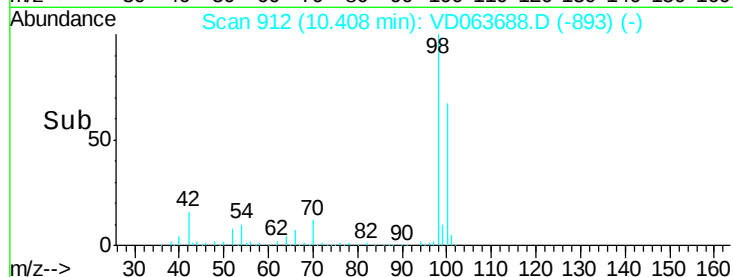
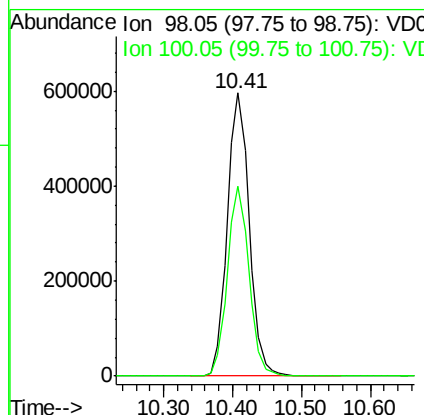
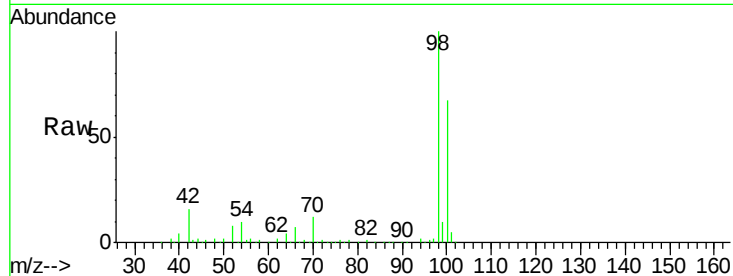




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

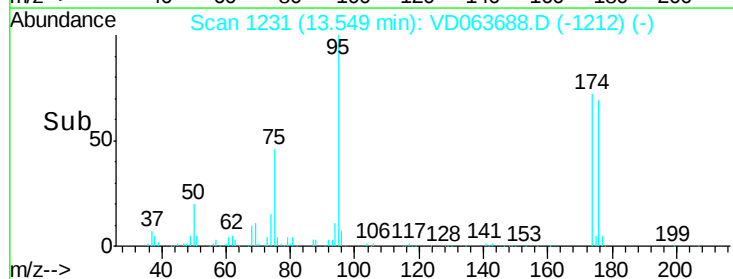
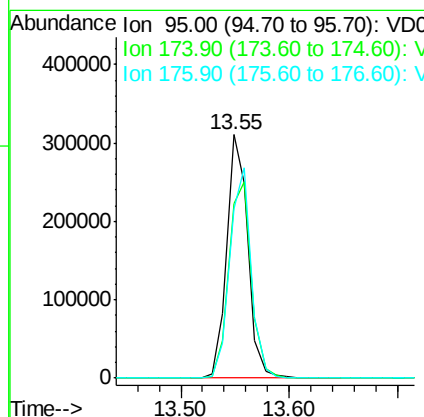
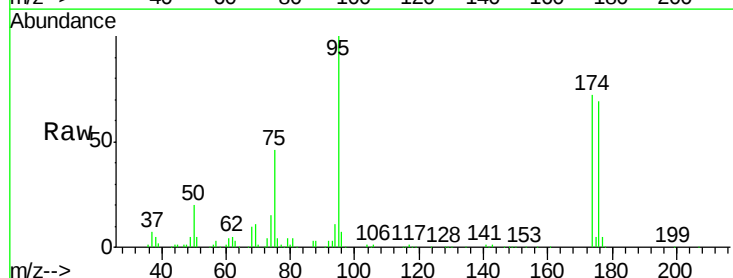
Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

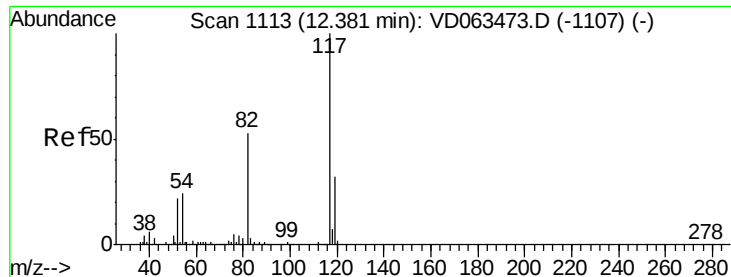
Tot Ion: 98 Resp: 1315860
Ion Ratio Lower Upper
98 100
100 67.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 36.045 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion: 95 Resp: 419962
Ion Ratio Lower Upper
95 100
174 71.9 0.0 155.4
176 69.3 0.0 152.4

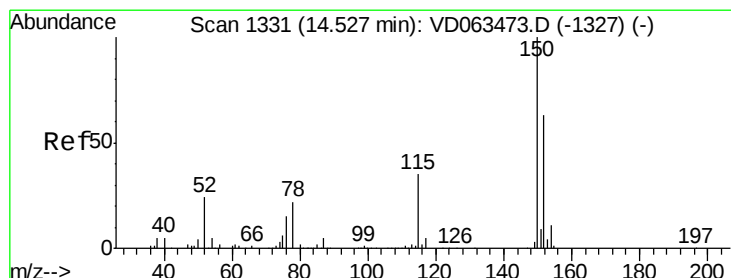
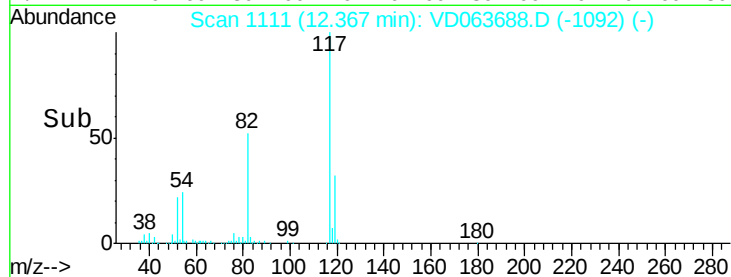
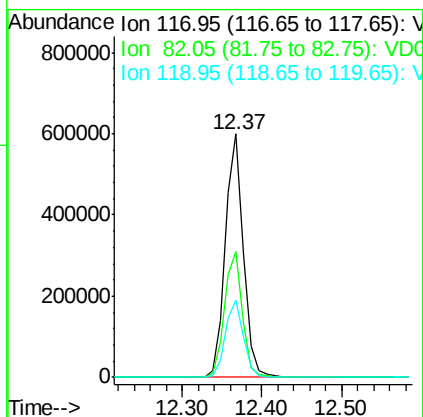
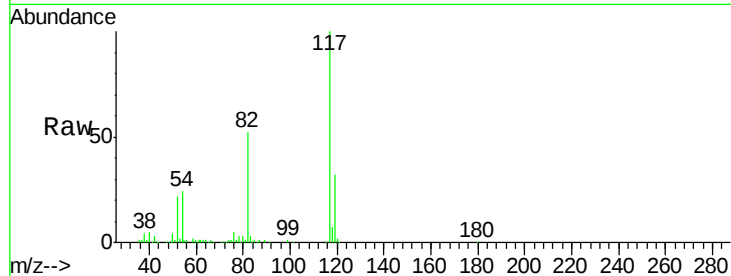




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063688.D
Acq: 20 Aug 2019 16:49

Instrument :
MSVOA_D
ClientSampleId :
T4-B1-(2)

Tot Ion:117 Resp: 962330
Ion Ratio Lower Upper
117 100
82 51.8 42.0 63.0
119 31.7 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: VD063688.D
Acq: 20 Aug 2019 16:49

Tgt Ion:152 Resp: 360218
Ion Ratio Lower Upper
152 100
115 57.4 30.9 92.7
150 155.9 0.0 318.6

