

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061719\
 Data File : VD062739.D
 Acq On : 17 Jun 2019 20:55
 Operator : VA/AP
 Sample : K3419-02
 Misc : 4.61g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-A

Quant Time: Jun 18 07:10:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

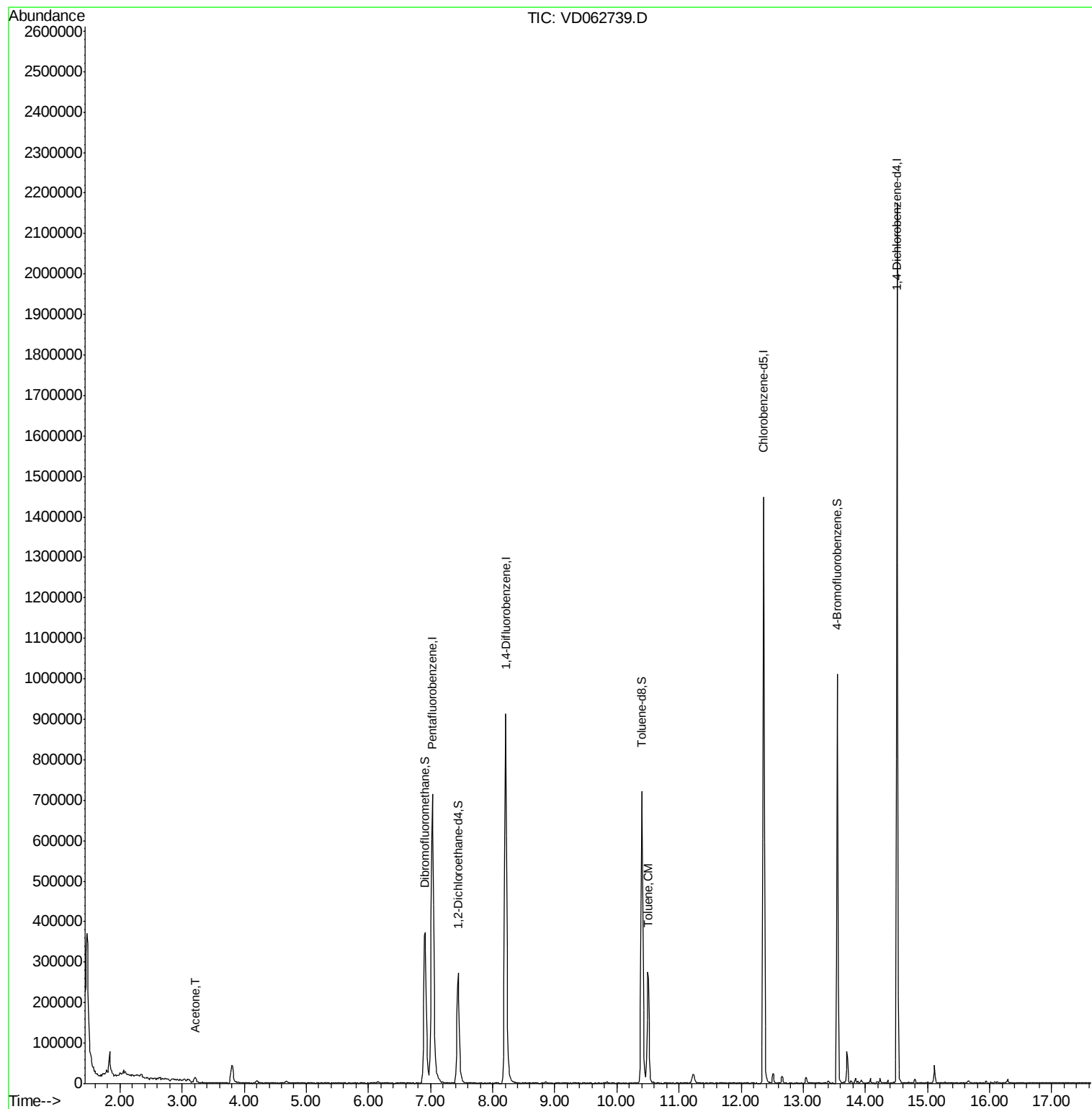
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	690184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	953337	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	795841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	437347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	303065	30.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.86%	
35) Dibromofluoromethane	6.91	113	316599	31.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.98%	
50) Toluene-d8	10.40	98	591074	27.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	55.90%	
62) 4-Bromofluorobenzene	13.55	95	281290	28.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.02%	
Target Compounds						
16) Acetone	3.21	43	28131	15.425	ug/l	97
52) Toluene	10.50	92	128889	8.999	ug/l	98

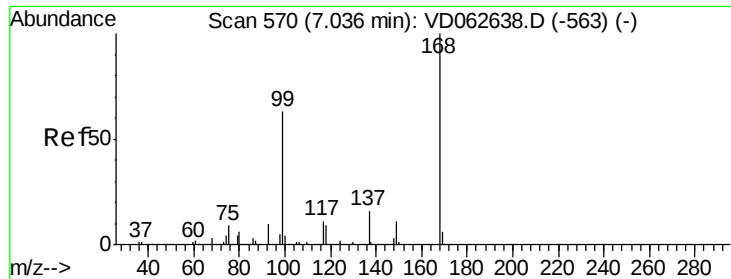
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

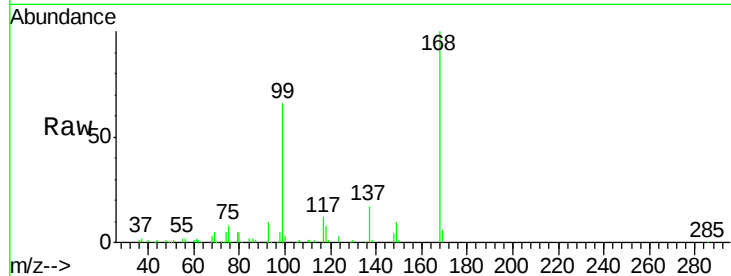
TP-A

Tot Ion:168 Resp: 690184

Ion Ratio Lower Upper

168 100

99 65.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

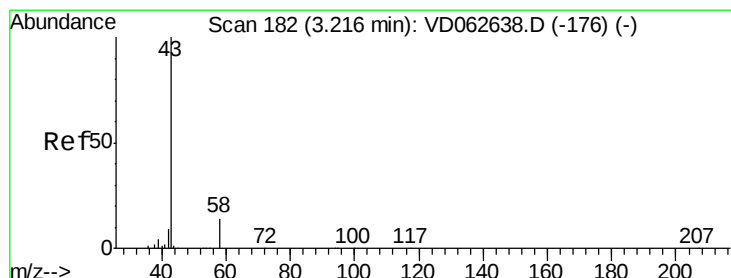
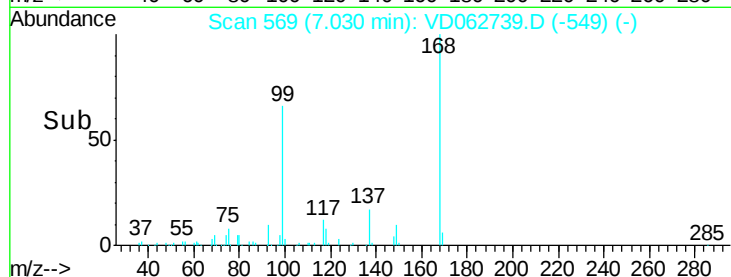
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.425 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062739.D

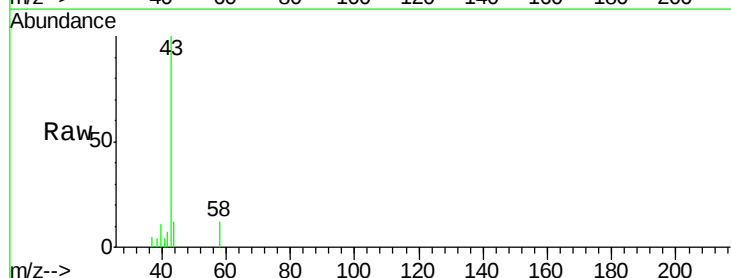
Acq: 17 Jun 2019 20:55

Tgt Ion: 43 Resp: 28131

Ion Ratio Lower Upper

43 100

58 12.4 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

12000

10000

8000

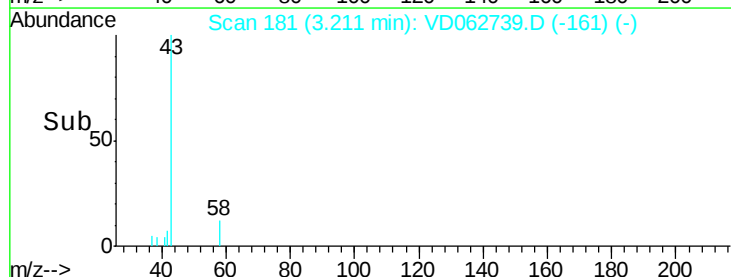
6000

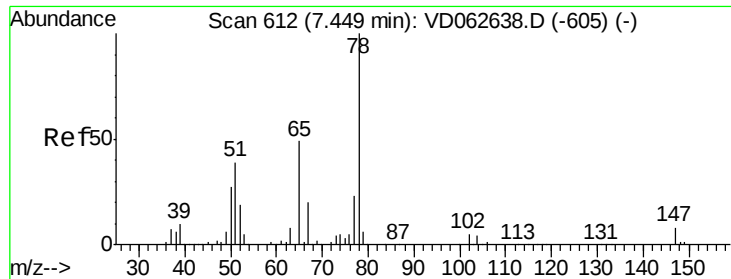
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 30.430 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062739.D

Acq: 17 Jun 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

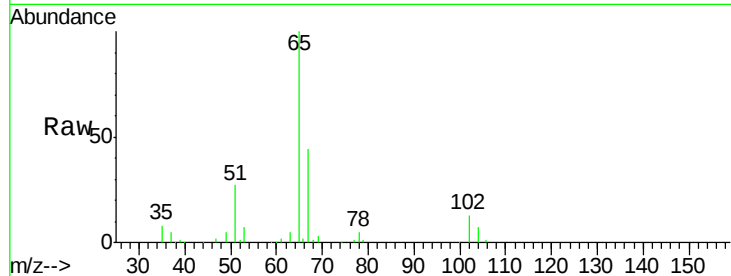
TP-A

Tot Ion: 65 Resp: 303065

Ion Ratio Lower Upper

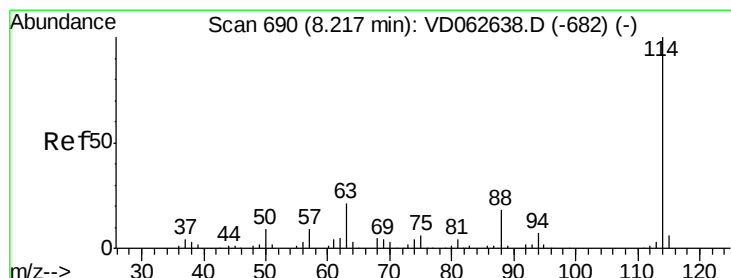
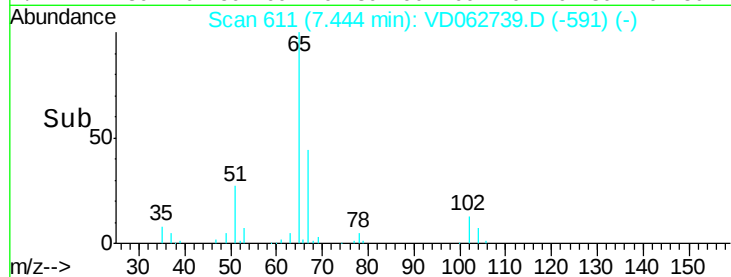
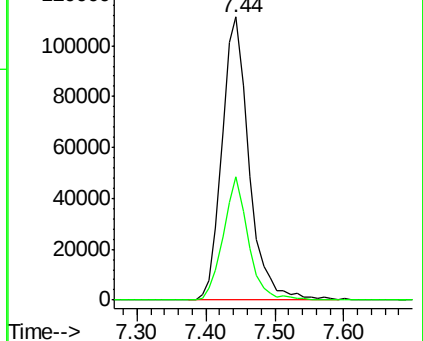
65 100

67 43.6 0.0 81.8



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. -0.01 min

Lab File: VD062739.D

Acq: 17 Jun 2019 20:55

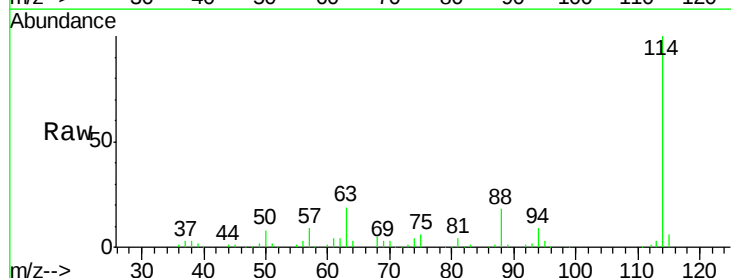
Tgt Ion: 114 Resp: 953337

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

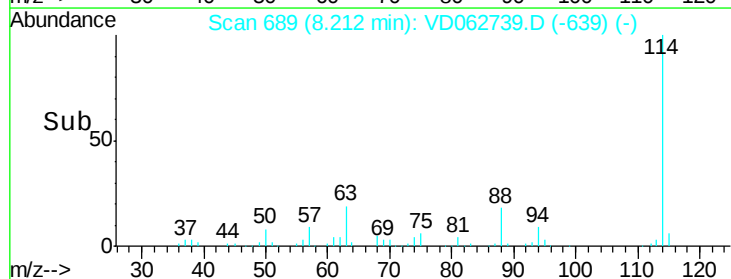
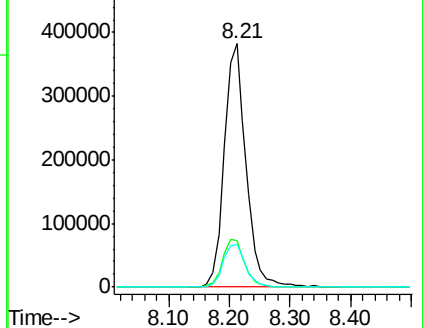
88 17.7 0.0 36.8

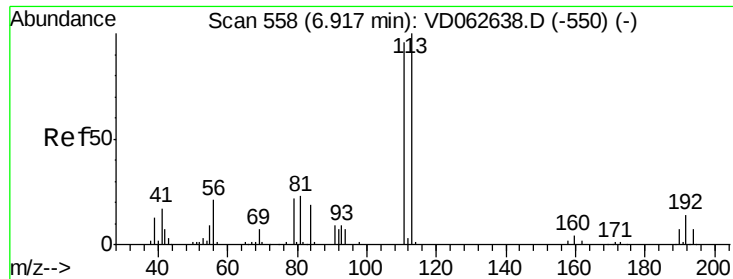


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 31.489 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD062739.D

Acq: 17 Jun 2019 20:55

Instrument :

MSVOA_D

ClientSampleId :

TP-A

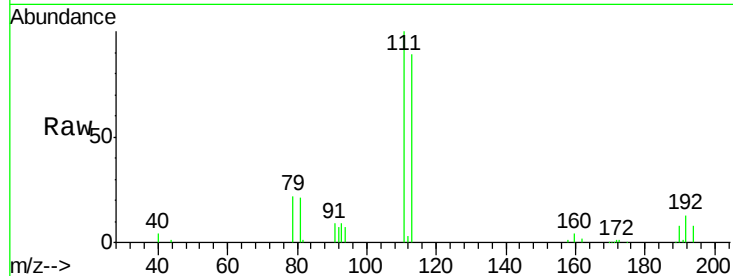
Tot Ion:113 Resp: 316599

Ion Ratio Lower Upper

113 100

111 112.8 76.4 114.6

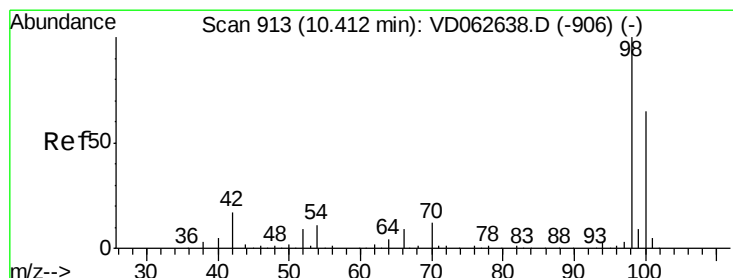
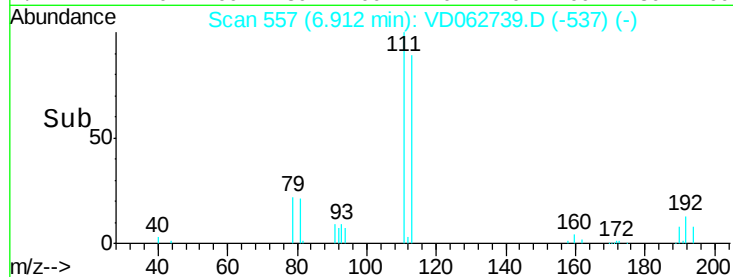
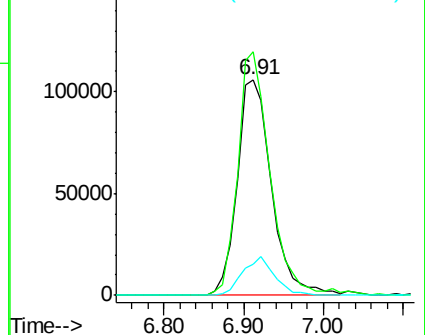
192 14.3 11.4 17.0



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: 27.946 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062739.D

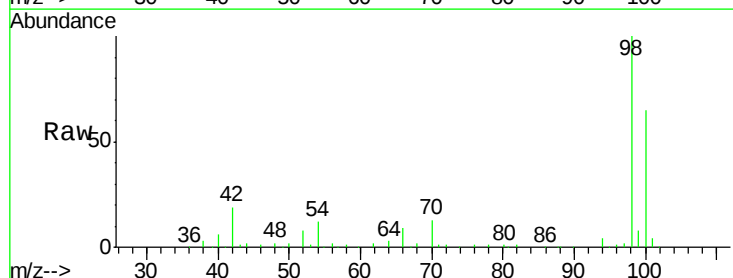
Acq: 17 Jun 2019 20:55

Tgt Ion: 98 Resp: 591074

Ion Ratio Lower Upper

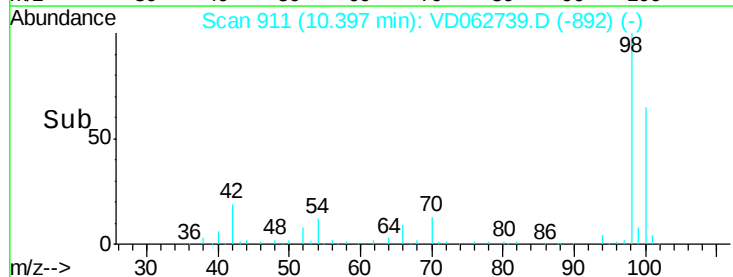
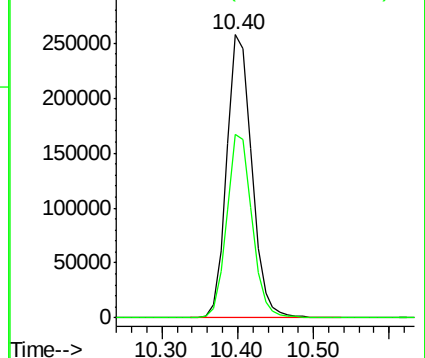
98 100

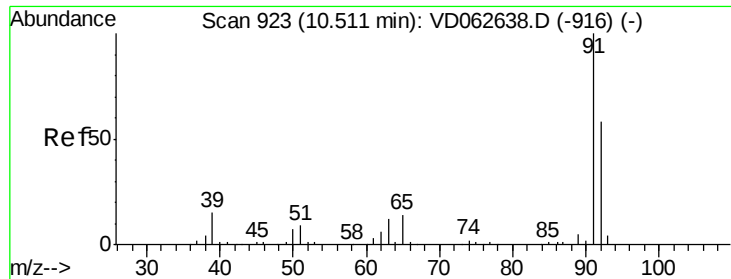
100 64.6 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

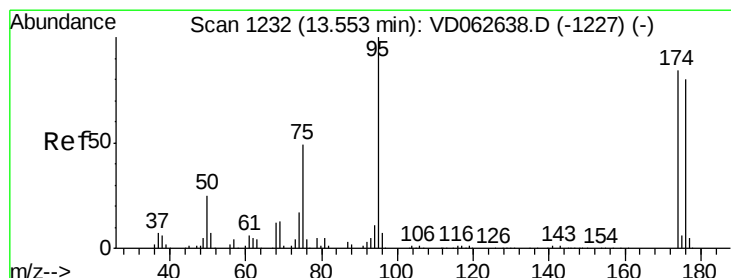
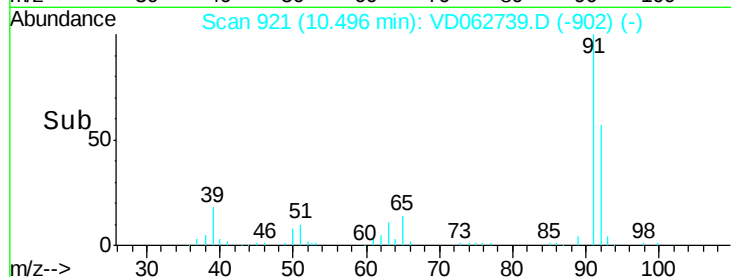
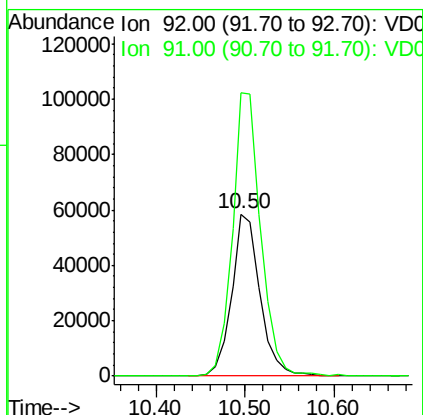
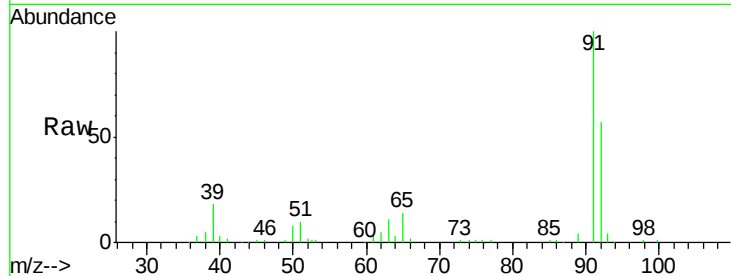




#52
Toluene
Concen: 8.999 ug/l
RT: 10.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: VD062739.D
Acq: 17 Jun 2019 20:55

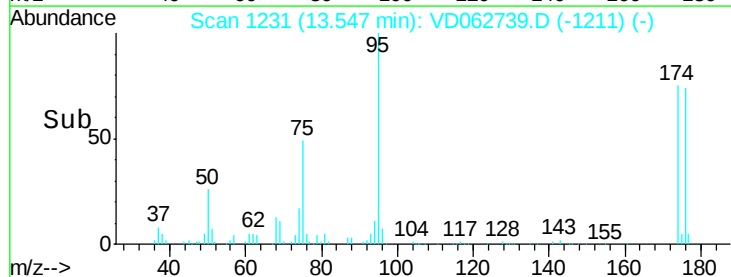
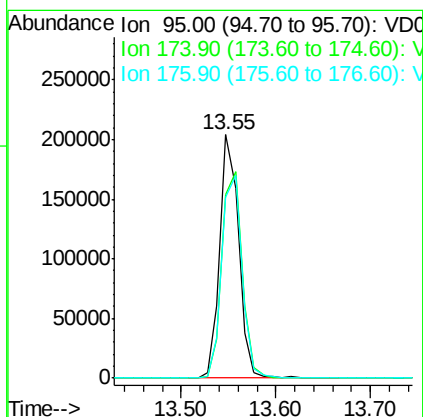
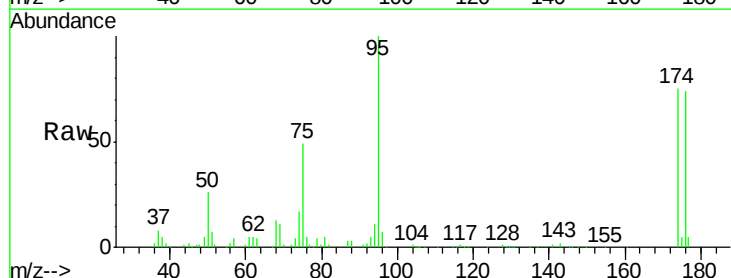
Instrument :
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ClientSampleId :
TP-A

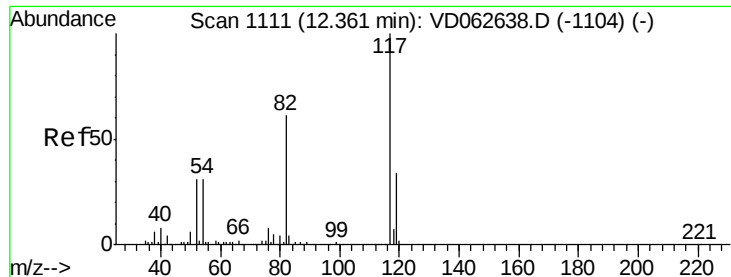
Tot Ion: 92 Resp: 128889
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6



#62
4-Bromofluorobenzene
Concen: 28.507 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062739.D
Acq: 17 Jun 2019 20:55

Tgt Ion: 95 Resp: 281290
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.0
176 74.4 0.0 159.2

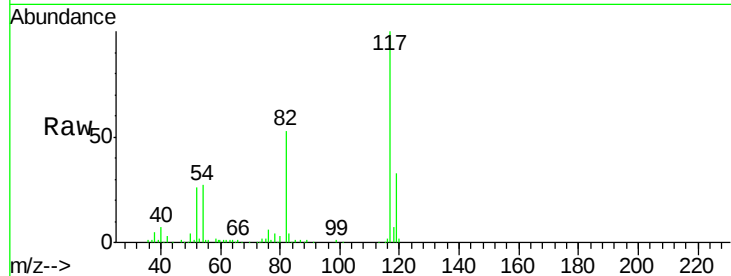




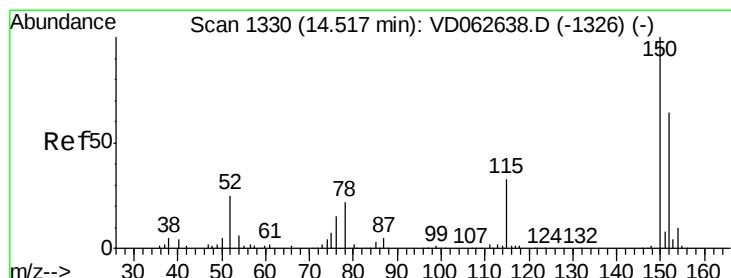
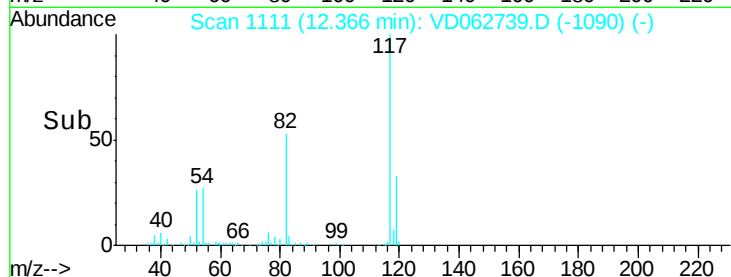
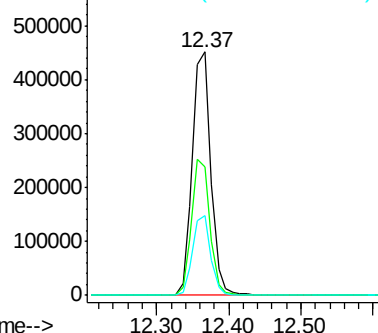
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062739.D
Acq: 17 Jun 2019 20:55

Instrument :
MSVOA_D
ClientSampleId :
TP-A

Tot Ion:117 Resp: 795841
Ion Ratio Lower Upper
117 100
82 52.6 48.7 73.1
119 32.9 27.0 40.6

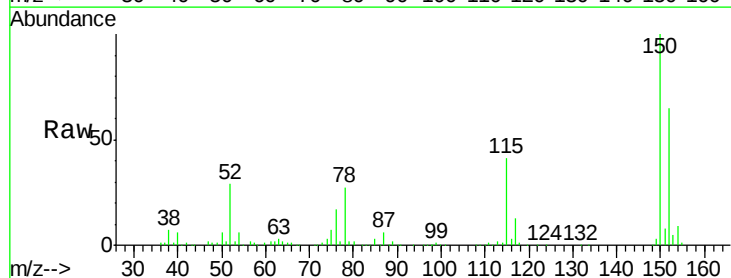


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062739.D
Acq: 17 Jun 2019 20:55

Tgt Ion:152 Resp: 437347
Ion Ratio Lower Upper
152 100
115 62.6 30.1 90.5
150 153.6 0.0 314.0



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

