

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062750.D
 Acq On : 18 Jun 2019 15:31
 Operator : VA/AP
 Sample : K3419-04
 Misc : 3.88g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Jun 19 06:26:41 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

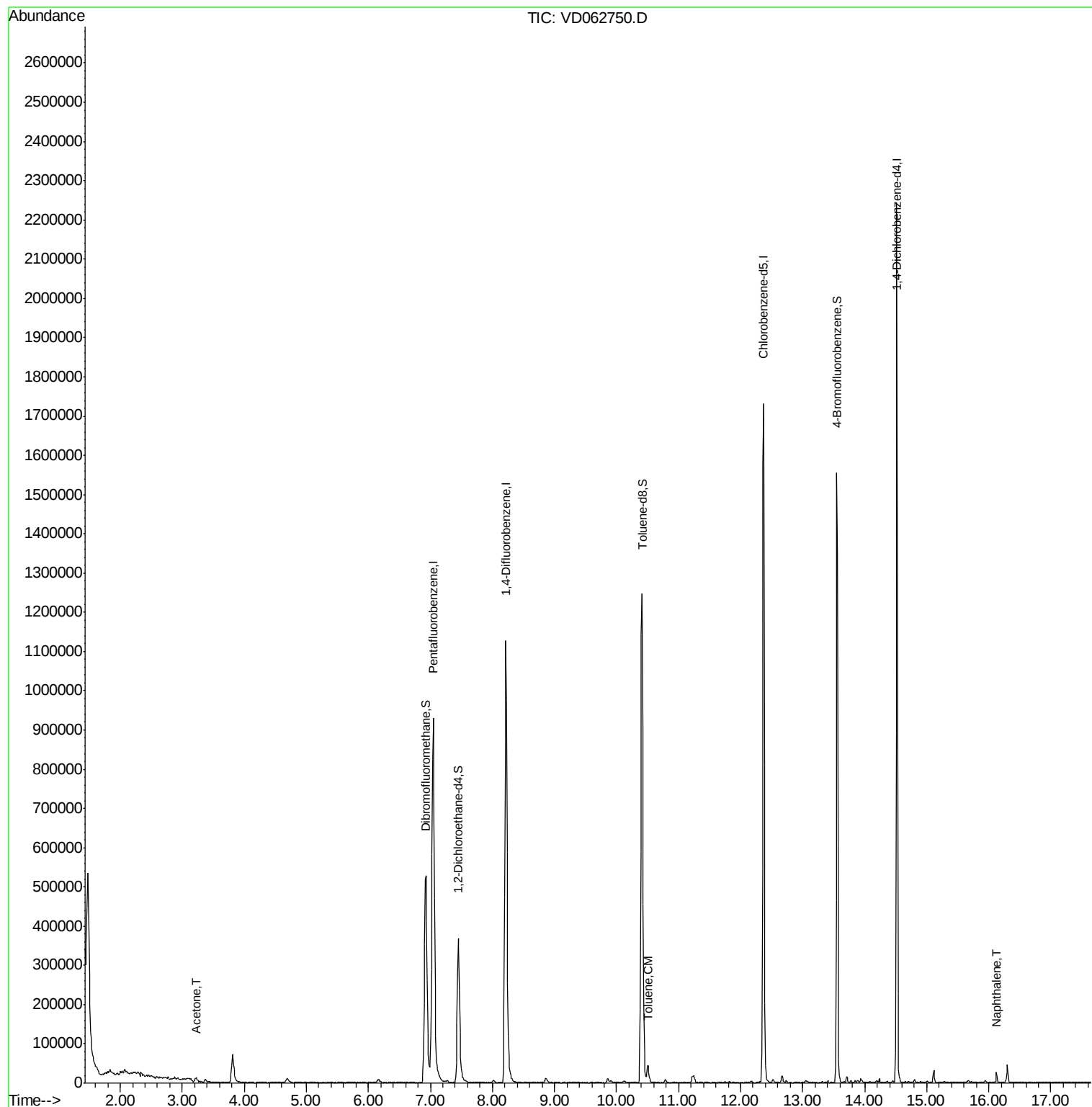
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	888657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1192053	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	955162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	464665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	438480	34.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.38%	
35) Dibromofluoromethane	6.93	113	488207	38.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.66%	
50) Toluene-d8	10.41	98	1025715	38.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	13.55	95	450873	36.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.08%	
Target Compounds						
16) Acetone	3.23	43	20870	8.888	ug/l #	88
52) Toluene	10.51	92	19288	1.077	ug/l	83
95) Naphthalene	16.12	128	15841	4.324	ug/l #	87

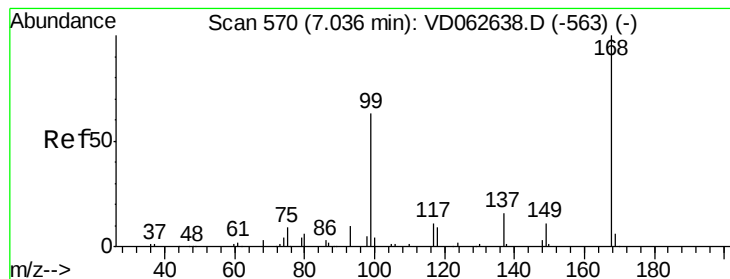
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

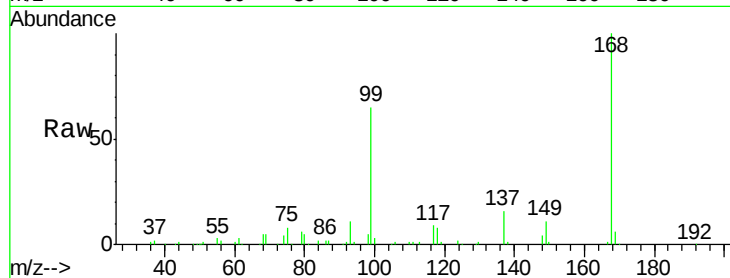
TP-B

Tot Ion:168 Resp: 888657

Ion Ratio Lower Upper

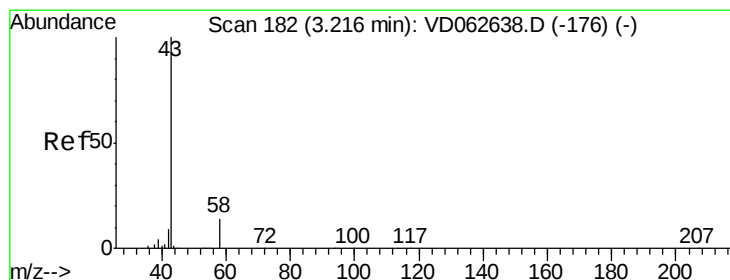
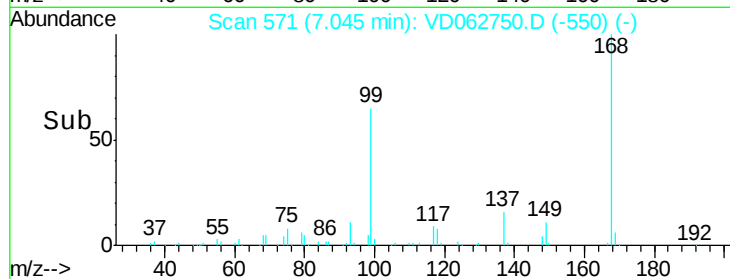
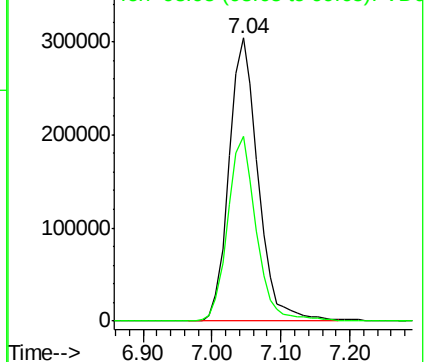
168 100

99 65.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.888 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062750.D

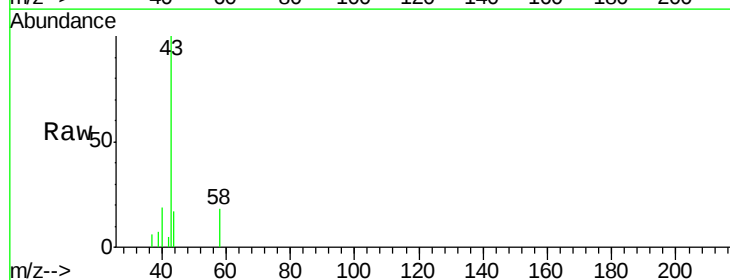
Acq: 18 Jun 2019 15:31

Tgt Ion: 43 Resp: 20870

Ion Ratio Lower Upper

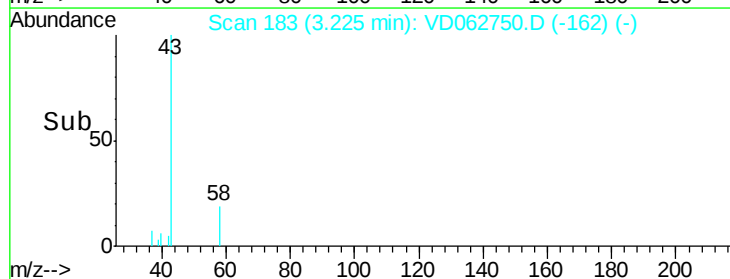
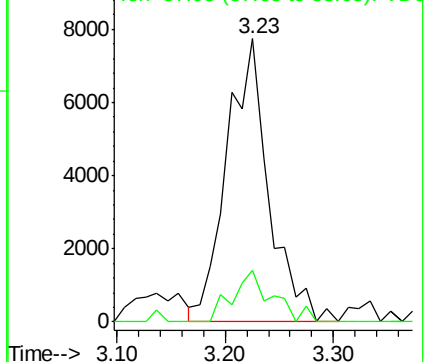
43 100

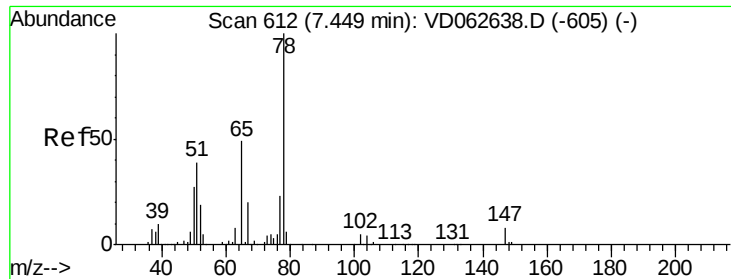
58 18.2 10.8 16.2#



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: 34.194 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062750.D

Acq: 18 Jun 2019 15:31

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MSVOA_D

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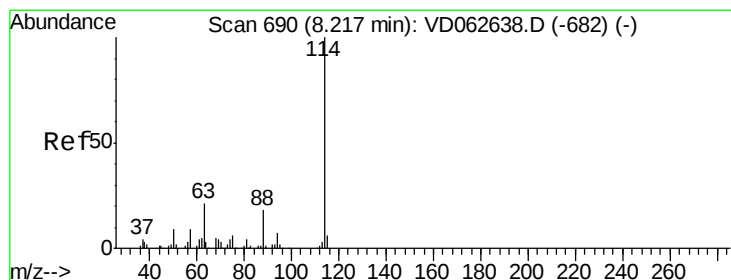
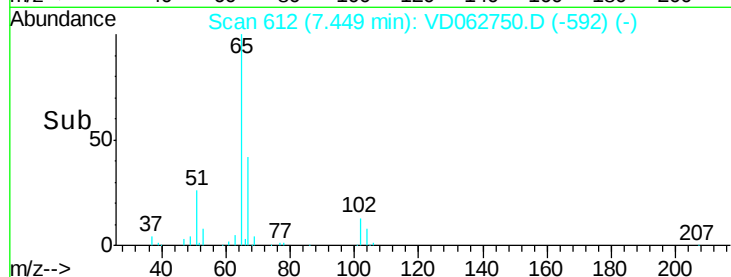
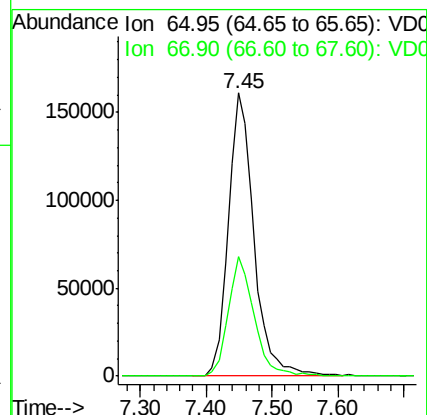
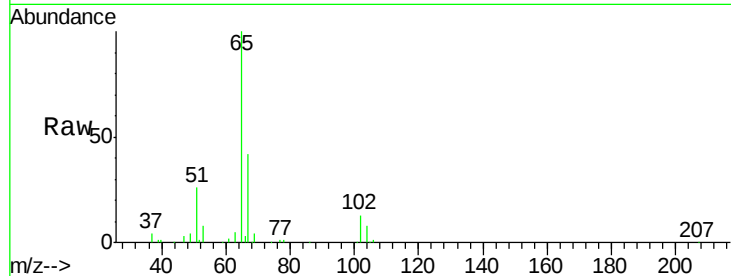
TP-B

Tot Ion: 65 Resp: 438480

Ion Ratio Lower Upper

65 100

67 42.4 0.0 81.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062750.D

Acq: 18 Jun 2019 15:31

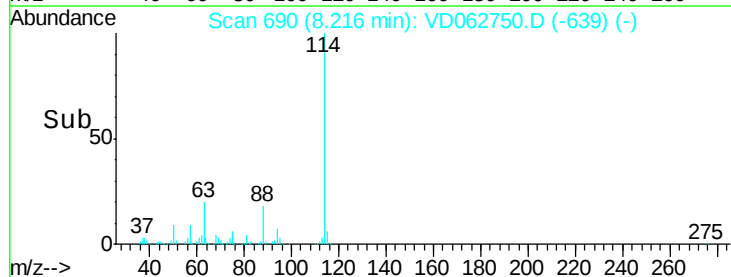
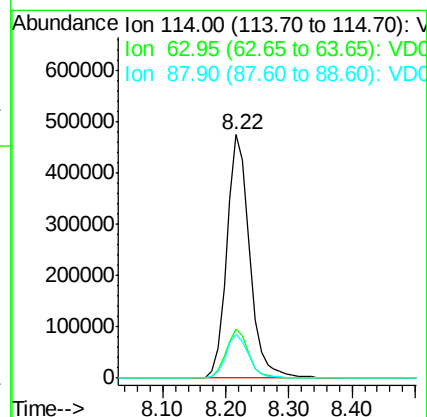
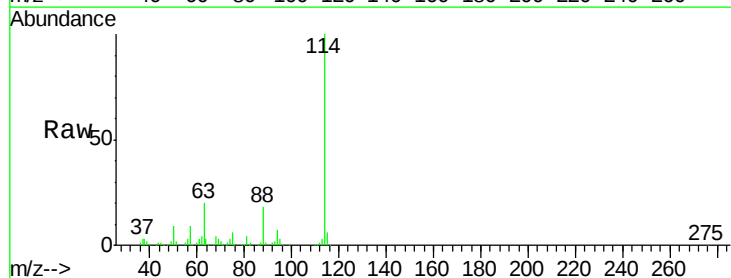
Tgt Ion: 114 Resp: 1192053

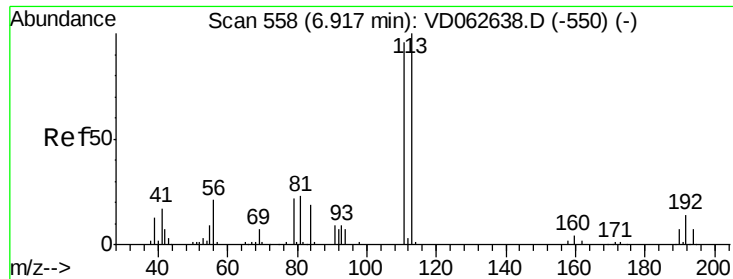
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 17.8 0.0 36.8

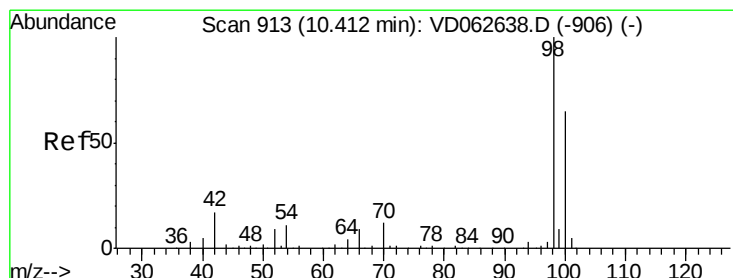
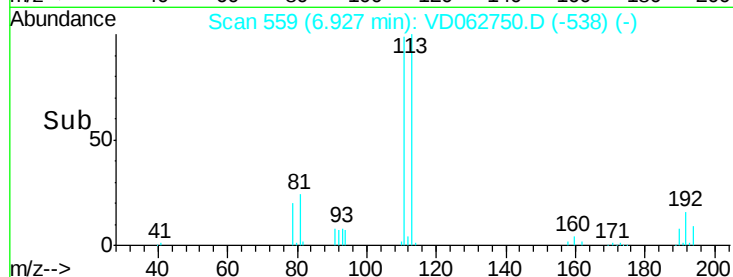
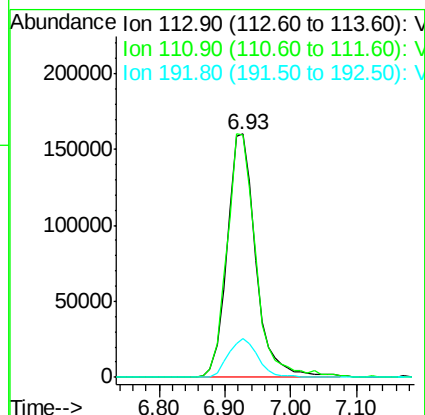
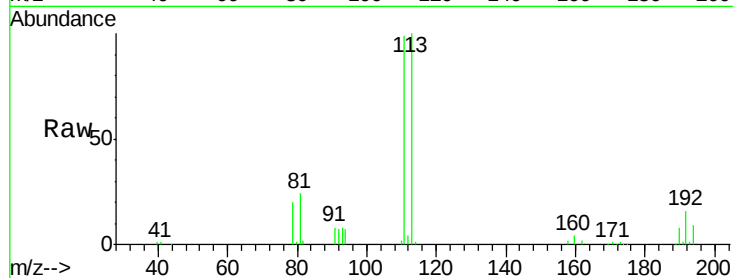




#35
Dibromofluoromethane
Concen: 38.834 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD062750.D
Acq: 18 Jun 2019 15:31

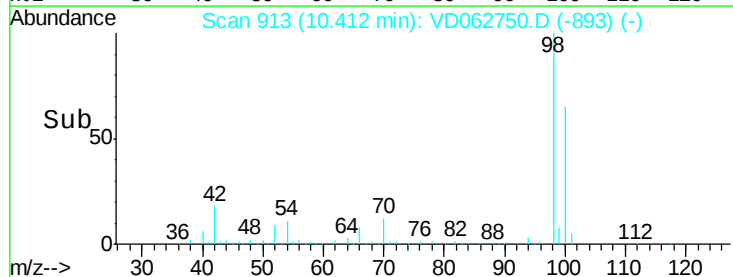
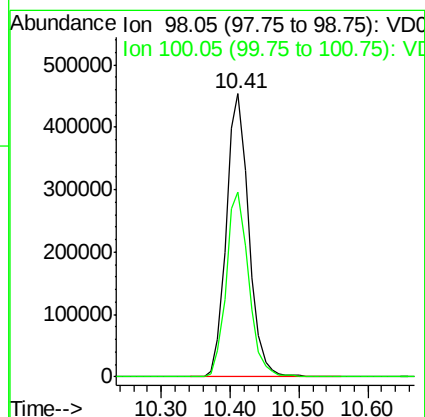
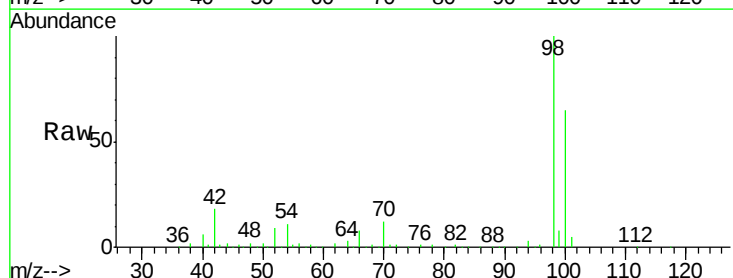
Instrument :
MSVOA_D
ClientSampleId :
TP-B

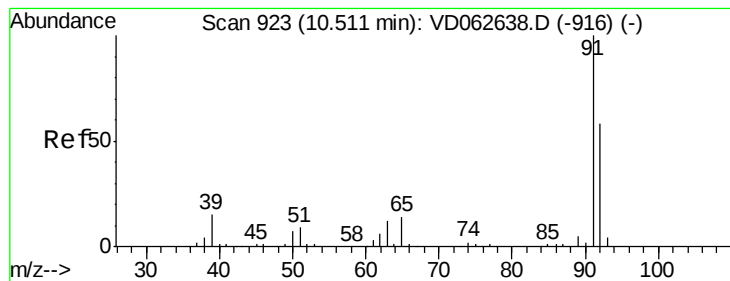
Tot Ion:113 Resp: 488207
Ion Ratio Lower Upper
113 100
111 99.5 76.4 114.6
192 16.0 11.4 17.0



#50
Toluene-d8
Concen: 38.784 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062750.D
Acq: 18 Jun 2019 15:31

Tgt Ion: 98 Resp: 1025715
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#52

Toluene

Concen: 1.077 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062750.D

Acq: 18 Jun 2019 15:31

Instrument :

MSVOA_D

ClientSampleId :

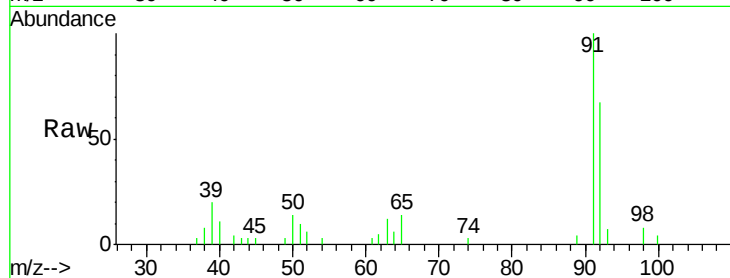
TP-B

Tot Ion: 92 Resp: 19288

Ion Ratio Lower Upper

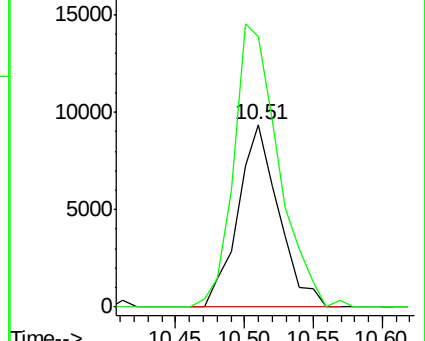
92 100

91 148.4 137.0 205.6

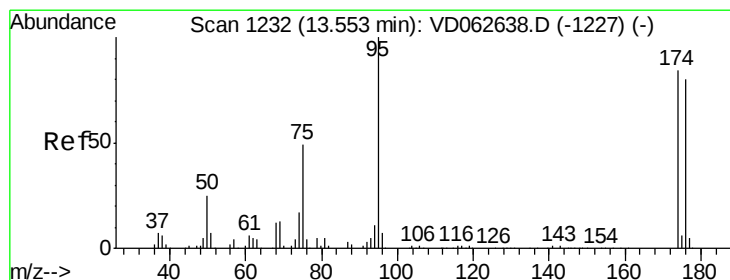
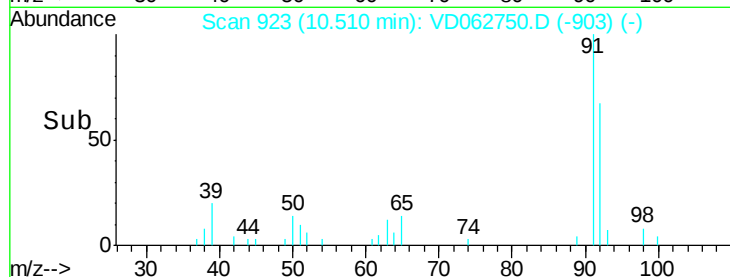


Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 36.543 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062750.D

Acq: 18 Jun 2019 15:31

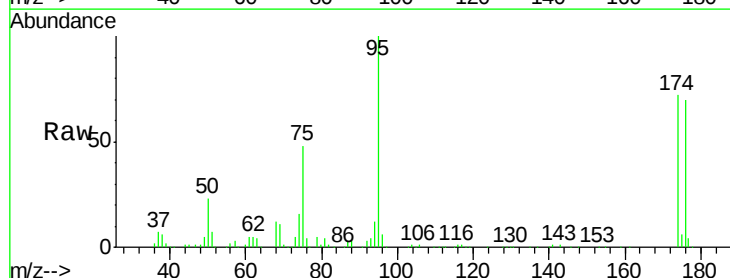
Tgt Ion: 95 Resp: 450873

Ion Ratio Lower Upper

95 100

174 71.8 0.0 167.0

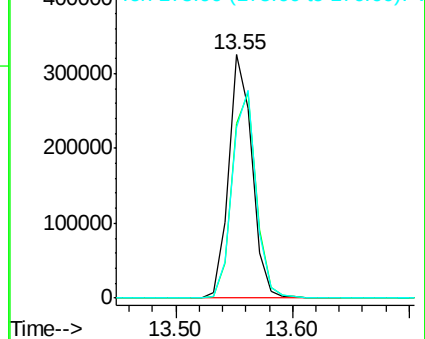
176 70.3 0.0 159.2



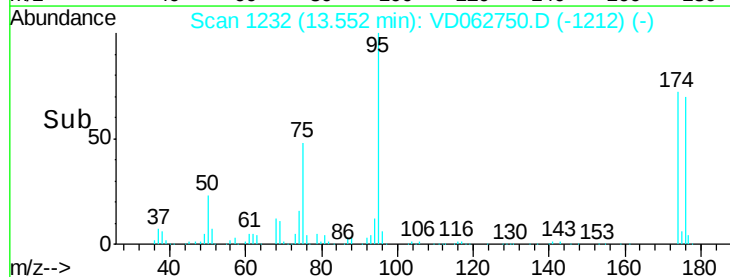
Abundance Ion 95.00 (94.70 to 95.70): VDC

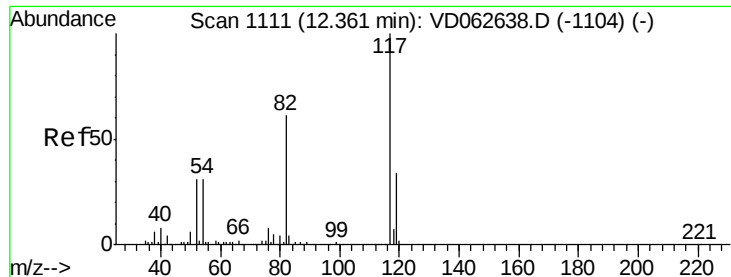
Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



Time-->

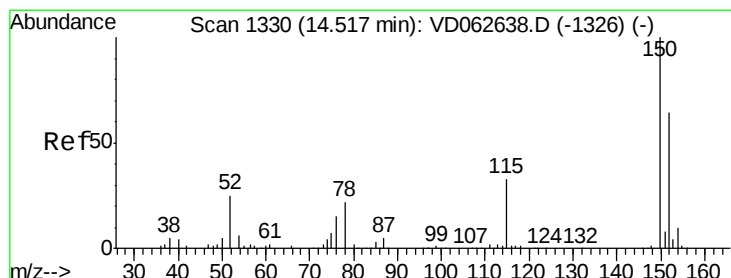
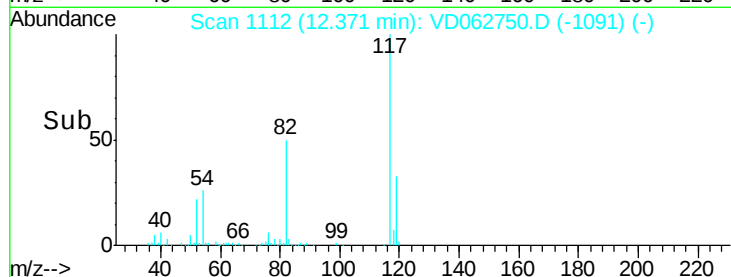
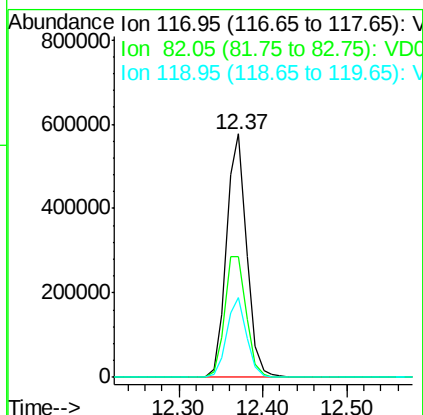
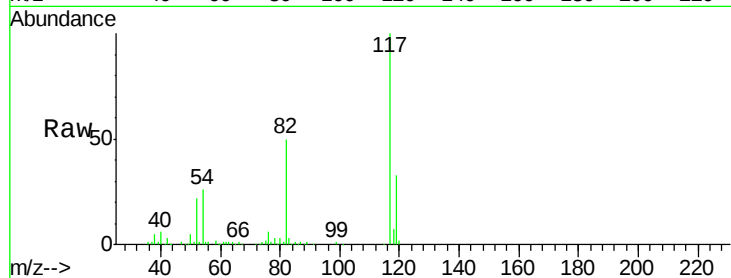




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062750.D
Acq: 18 Jun 2019 15:31

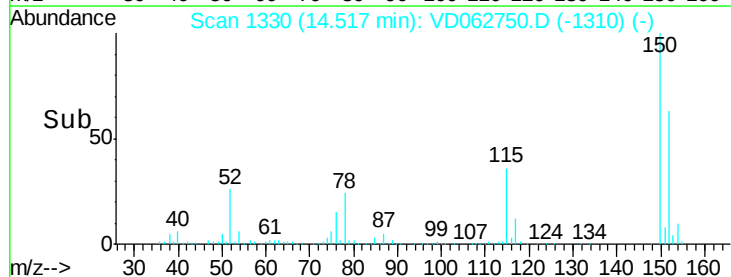
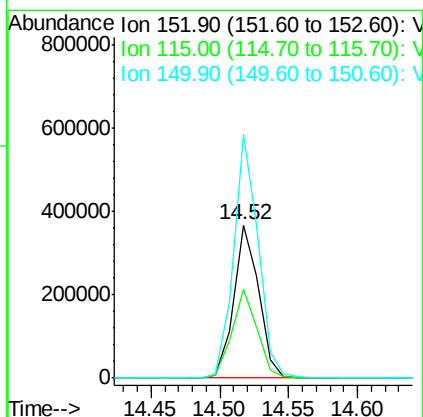
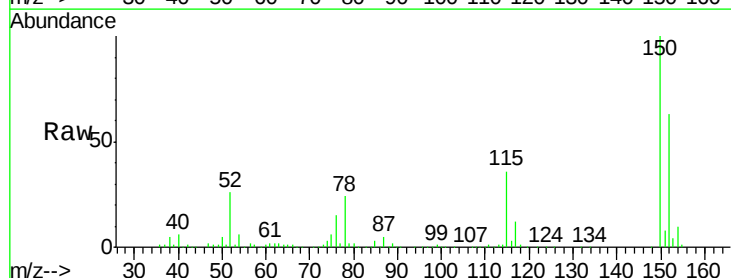
Instrument :
MSVOA_D
ClientSampleId :
TP-B

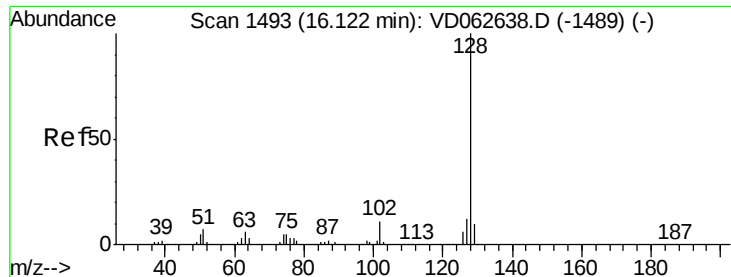
Tot Ion:117 Resp: 955162
Ion Ratio Lower Upper
117 100
82 49.8 48.7 73.1
119 32.7 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062750.D
Acq: 18 Jun 2019 15:31

Tgt Ion:152 Resp: 464665
Ion Ratio Lower Upper
152 100
115 58.0 30.1 90.5
150 159.2 0.0 314.0

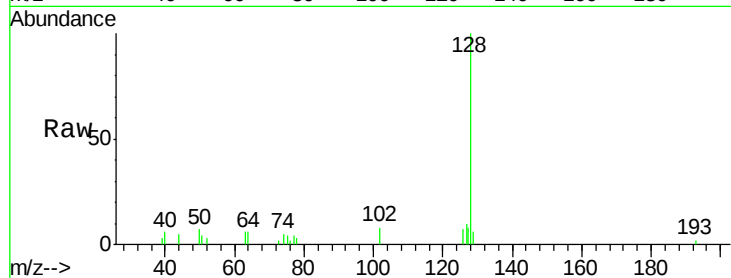




#95
Naphthalene
Concen: 4.324 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD062750.D
Acq: 18 Jun 2019 15:31

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tot Ion:128 Resp: 15841
Ion Ratio Lower Upper
128 100
127 17.9 9.7 14.5#
129 5.9 8.1 12.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

