

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004688.D
 Acq On : 19 Sep 2018 05:36
 Operator : JC/MD
 Sample : J4956-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Quant Time: Sep 19 09:17:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

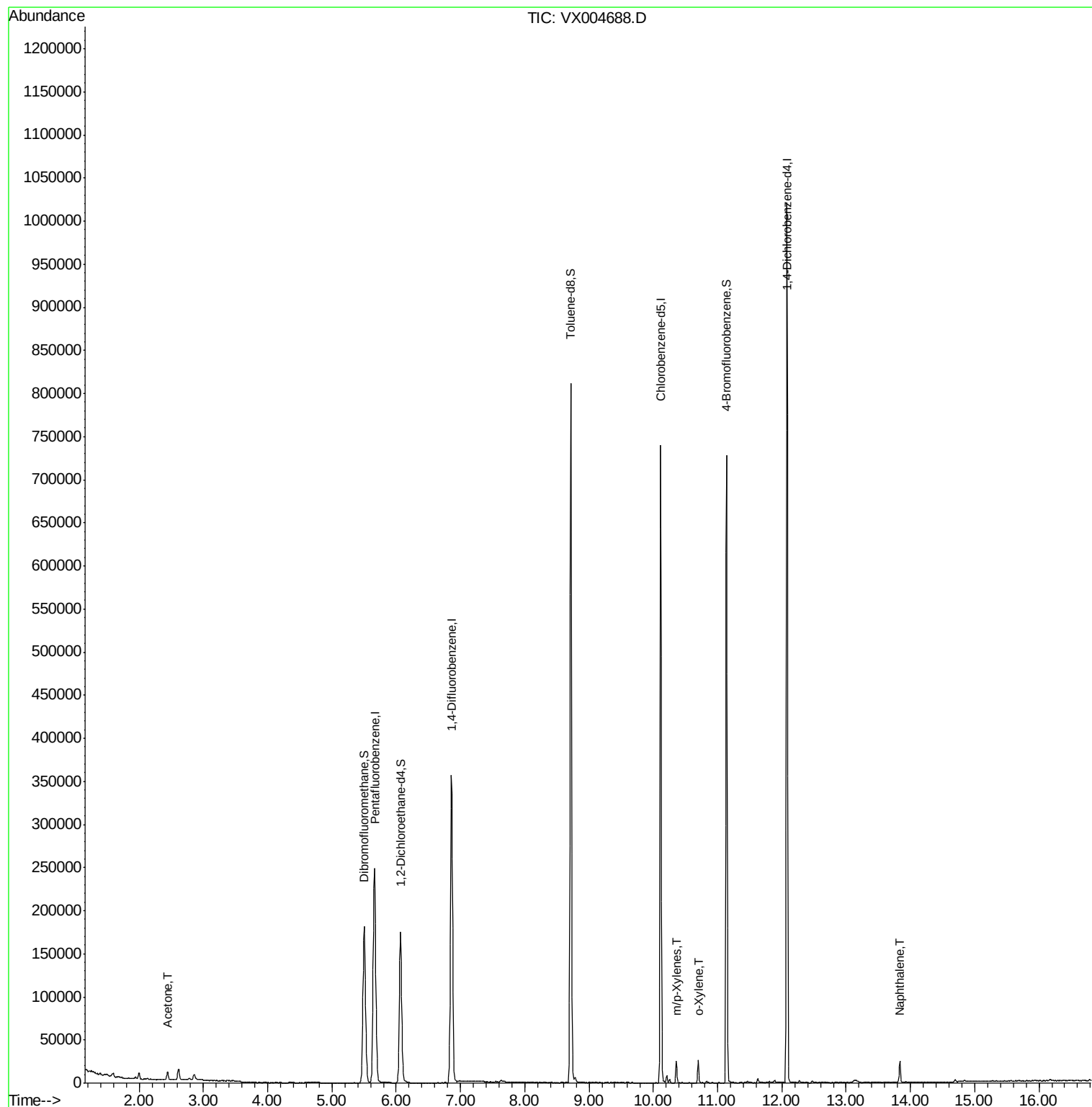
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164746	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.50	113	154033	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
50) Toluene-d8	8.72	98	508864	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
62) 4-Bromofluorobenzene	11.14	95	182427	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	2.45	43	9882	5.87	ug/l	94
68) m/p-Xylenes	10.36	106	6173	1.15	ug/l	99
69) o-Xylene	10.70	106	5592	1.09	ug/l	93
95) Naphthalene	13.83	128	17752	1.18	ug/l	98

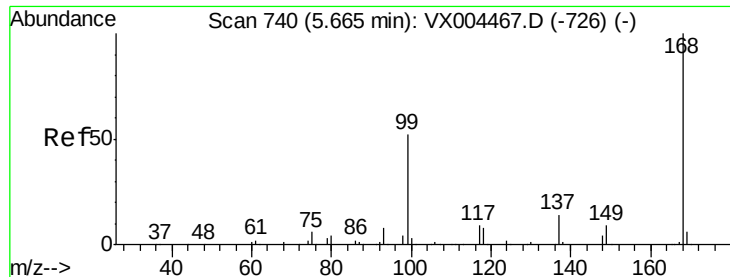
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004688.D

Acq: 19 Sep 2018 05:36

Instrument :

MSVOA_X

ClientSampleId :

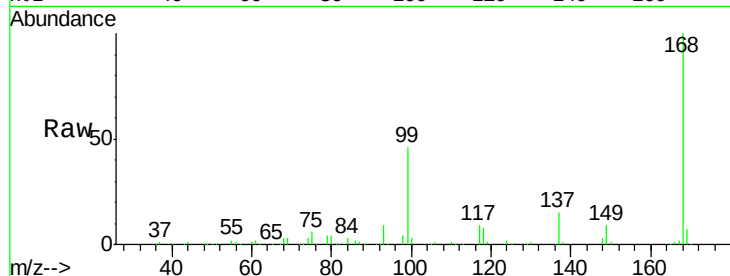
GROUNDWATER

Tot Ion:168 Resp: 267415

Ion Ratio Lower Upper

168 100

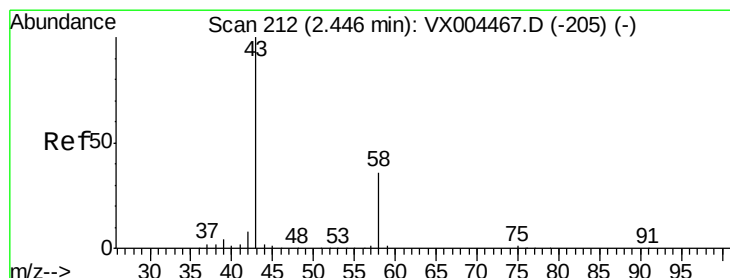
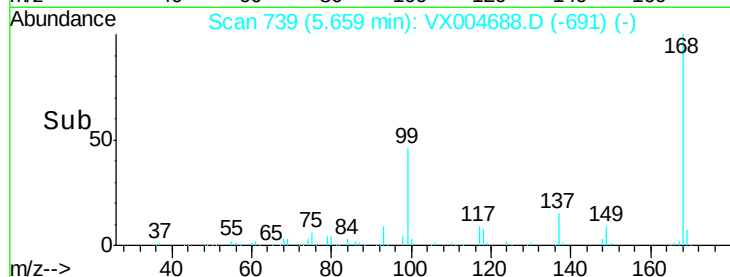
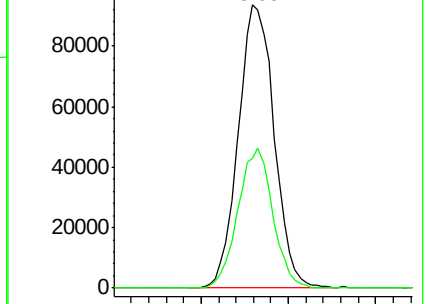
99 45.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66



#16

Acetone

Concen: 5.87 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004688.D

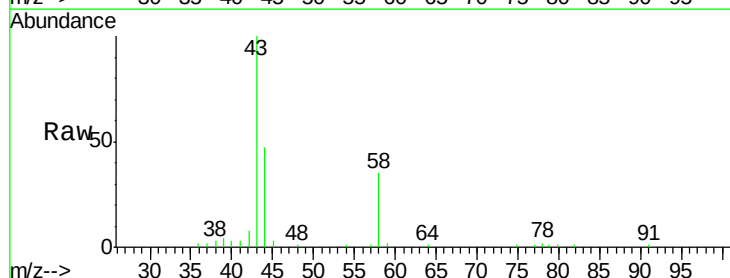
Acq: 19 Sep 2018 05:36

Tgt Ion: 43 Resp: 9882

Ion Ratio Lower Upper

43 100

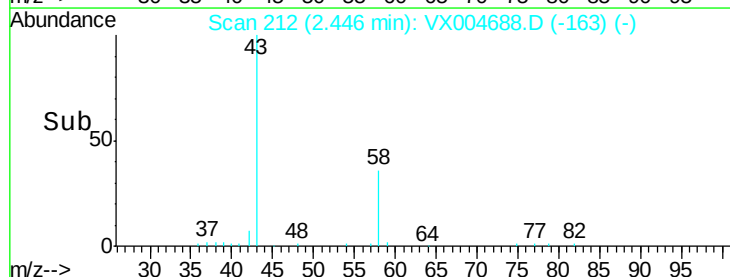
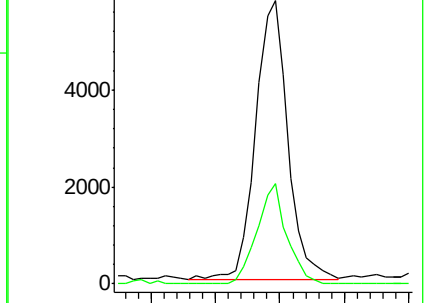
58 36.0 26.2 39.4

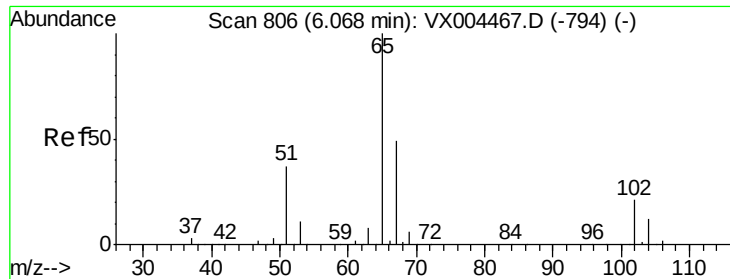


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

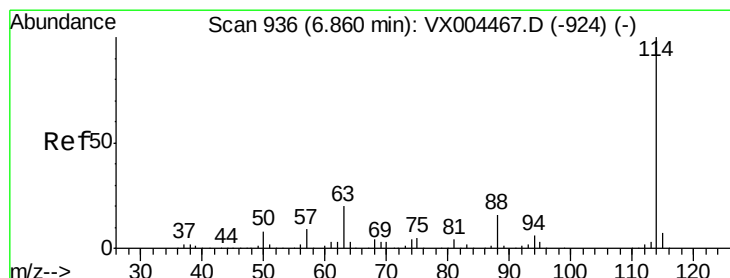
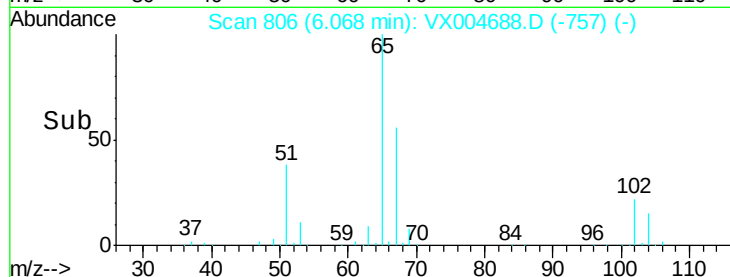
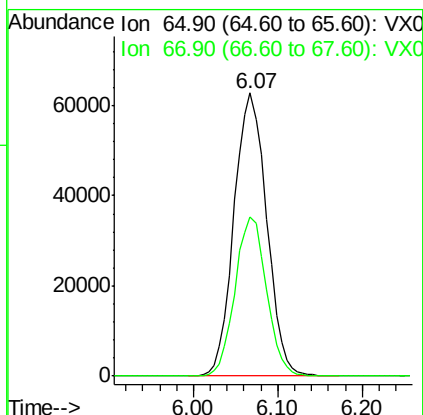
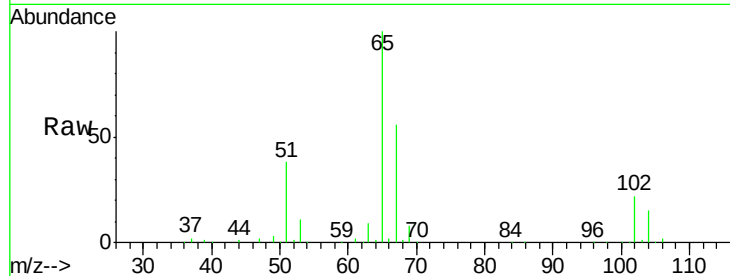




#33
 1,2-Dichloroethane-d4
 Concen: 47.78 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004688.D
 Acq: 19 Sep 2018 05:36

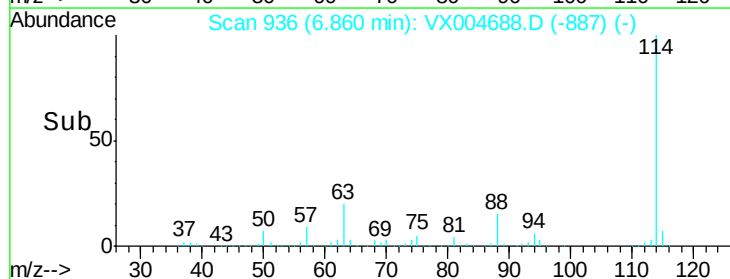
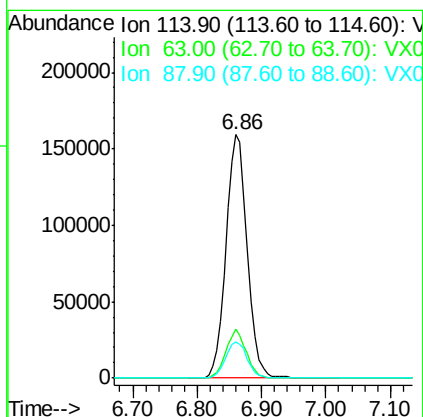
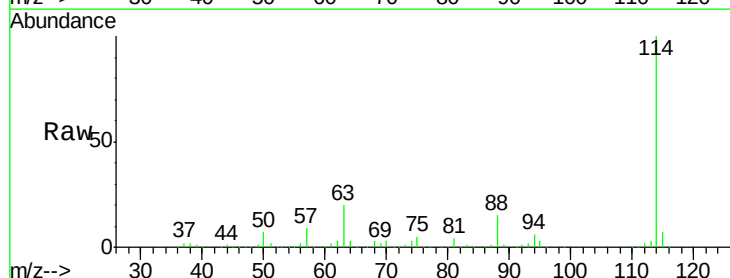
Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

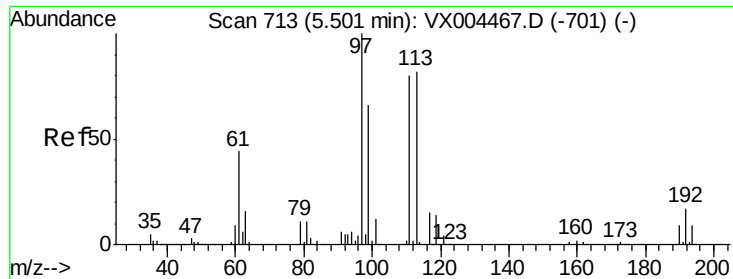
Tot Ion: 65 Resp: 164746
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004688.D
 Acq: 19 Sep 2018 05:36

Tgt Ion: 114 Resp: 369187
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 14.7 0.0 30.4

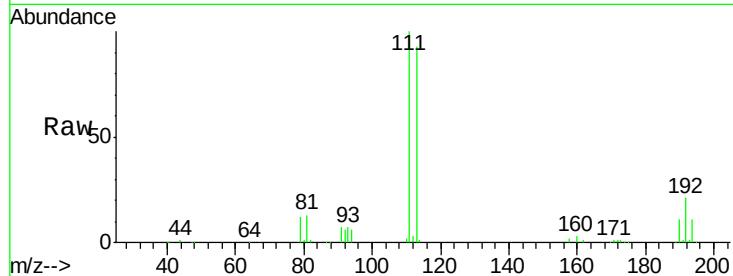




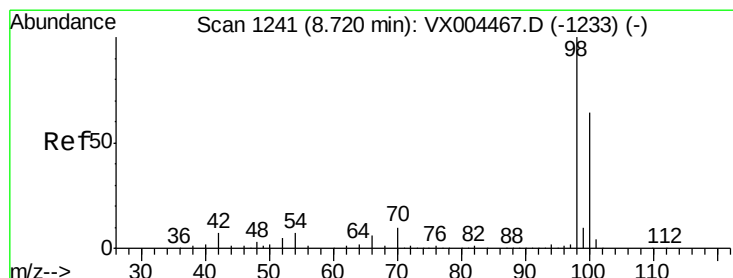
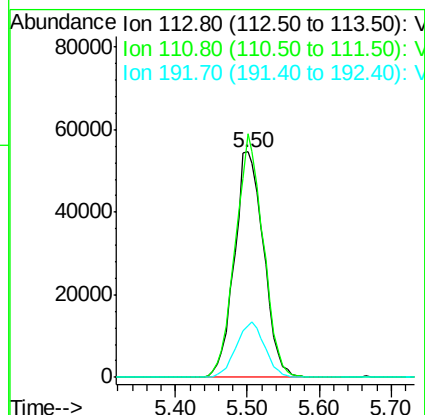
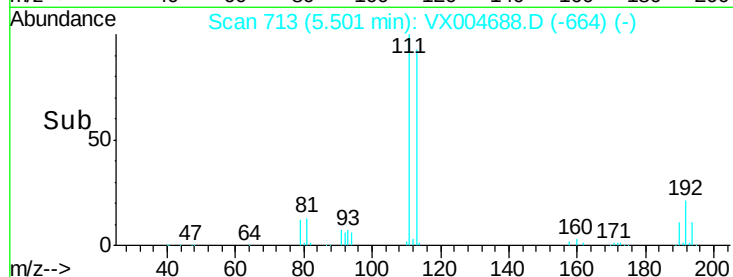
#35
 Dibromofluoromethane
 Concen: 45.59 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004688.D
 Acq: 19 Sep 2018 05:36

Instrument :
 MSVOA_X
 ClientSampleId :
 GROUNDWATER

Tot Ion:113 Resp: 154033
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 24.0 19.4 29.2

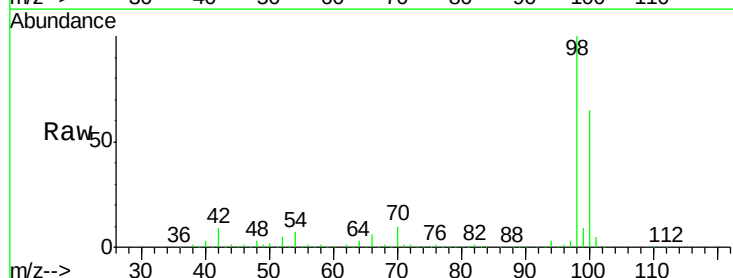


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

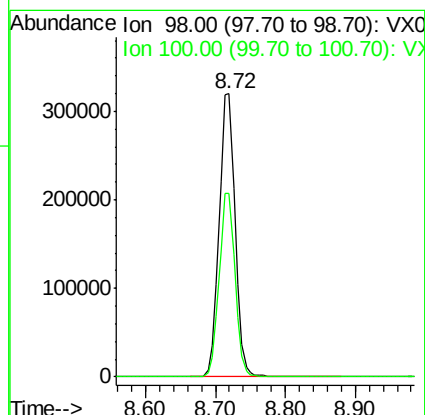
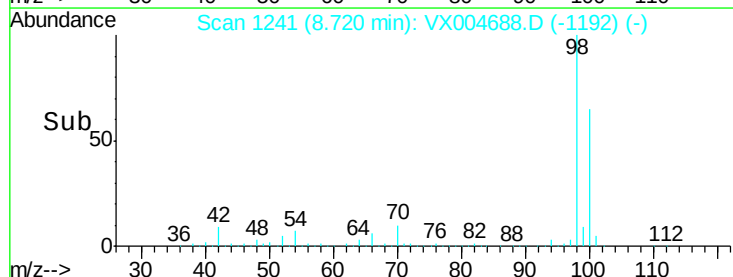


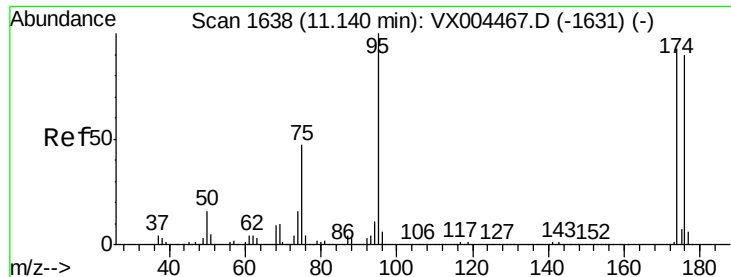
#50
 Toluene-d8
 Concen: 44.91 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VX004688.D
 Acq: 19 Sep 2018 05:36

Tgt Ion: 98 Resp: 508864
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

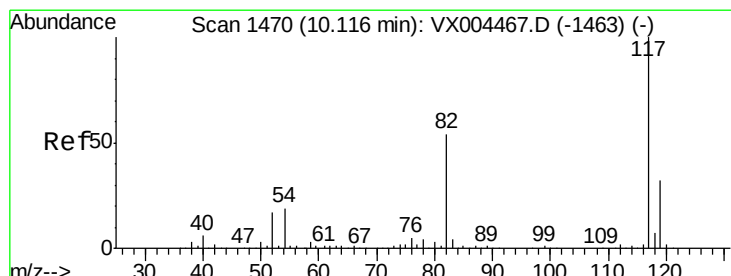
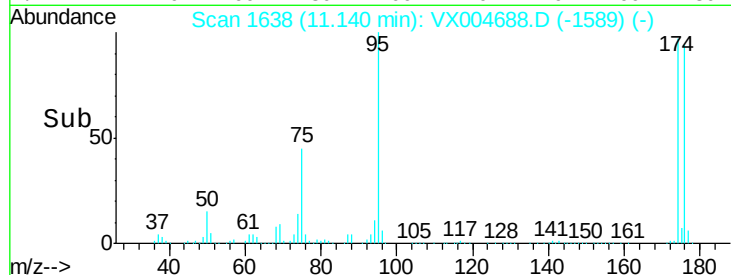
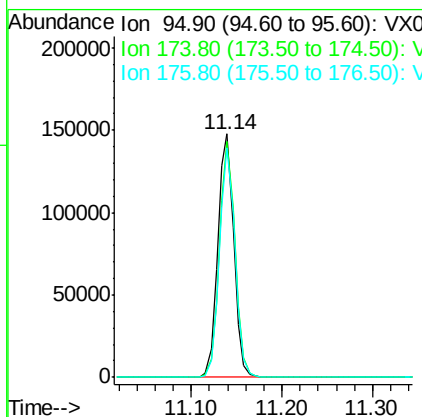
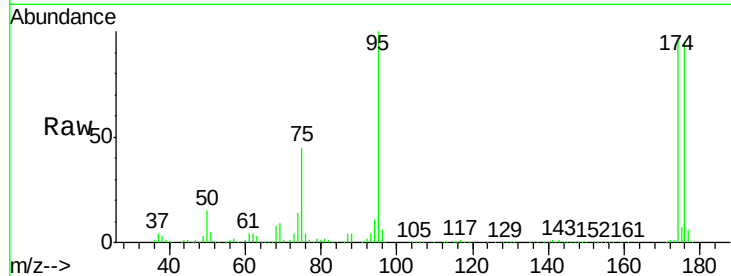




#62
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004688.D
Acq: 19 Sep 2018 05:36

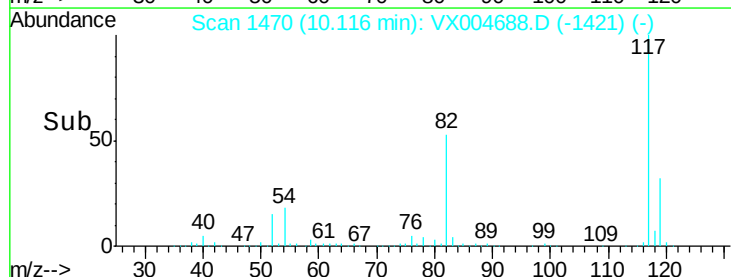
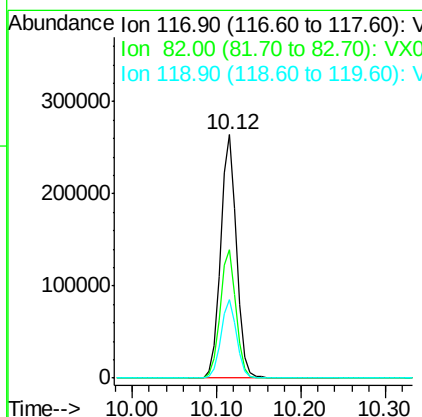
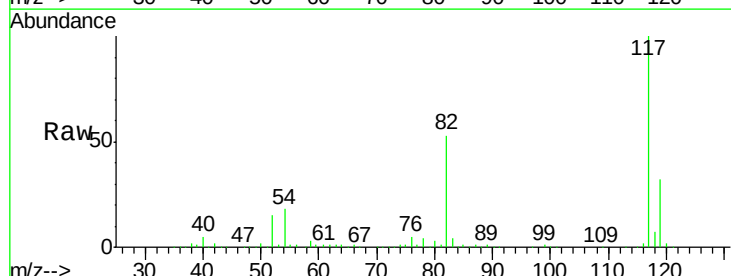
Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

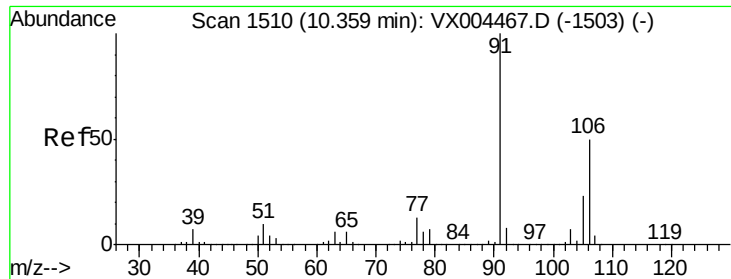
Tot Ion: 95 Resp: 182427
Ion Ratio Lower Upper
95 100
174 95.0 0.0 185.2
176 91.6 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004688.D
Acq: 19 Sep 2018 05:36

Tgt Ion: 117 Resp: 343975
Ion Ratio Lower Upper
117 100
82 52.9 47.8 71.6
119 32.4 29.3 43.9





#68

m/p-Xylenes

Concen: 1.15 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX004688.D

Acq: 19 Sep 2018 05:36

Instrument :

MSVOA_X

ClientSampleId :

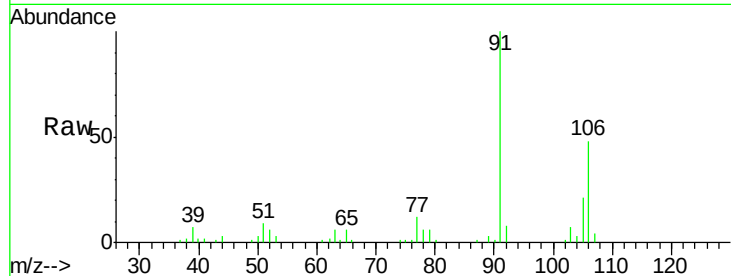
GROUNDWATER

Tot Ion:106 Resp: 6173

Ion Ratio Lower Upper

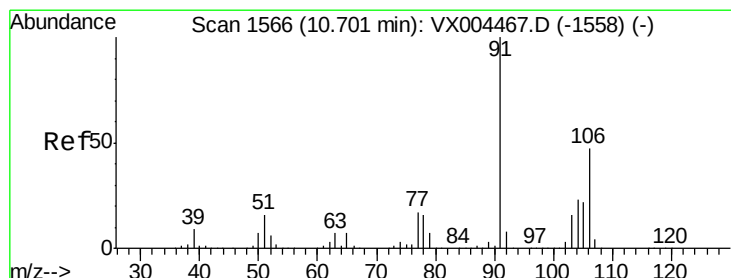
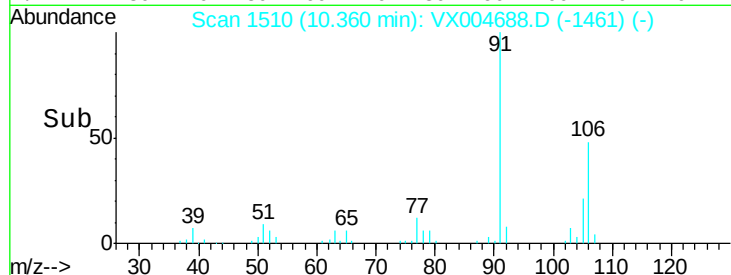
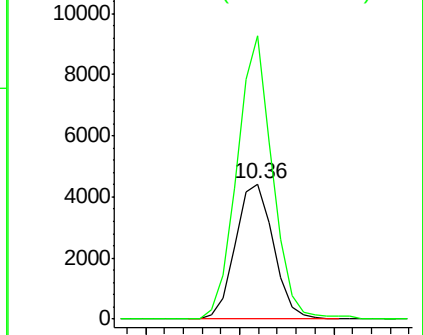
106 100

91 195.5 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.09 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX004688.D

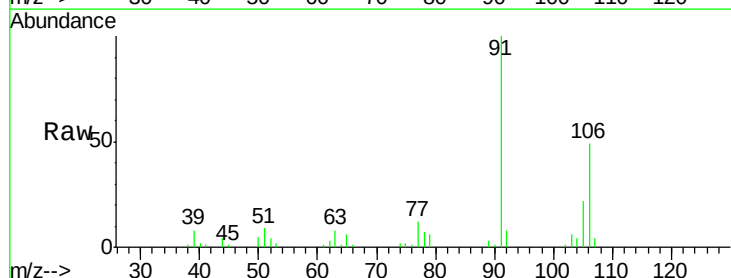
Acq: 19 Sep 2018 05:36

Tgt Ion:106 Resp: 5592

Ion Ratio Lower Upper

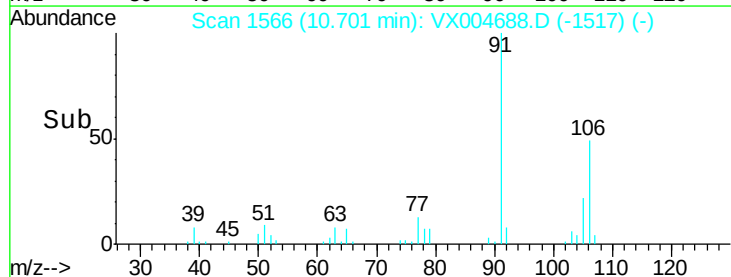
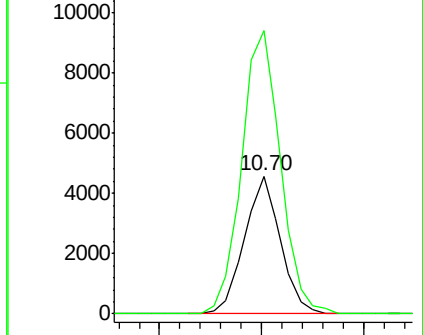
106 100

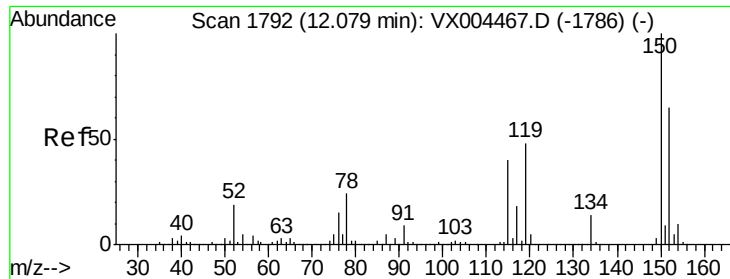
91 221.4 105.1 315.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004688.D

Acq: 19 Sep 2018 05:36

Instrument :

MSVOA_X

ClientSampleId :

GROUNDWATER

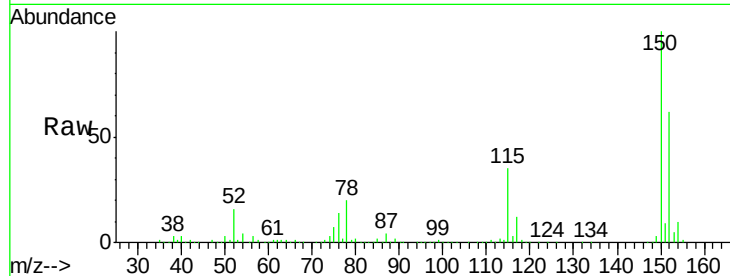
Tot Ion:152 Resp: 220049

Ion Ratio Lower Upper

152 100

115 56.1 39.0 117.0

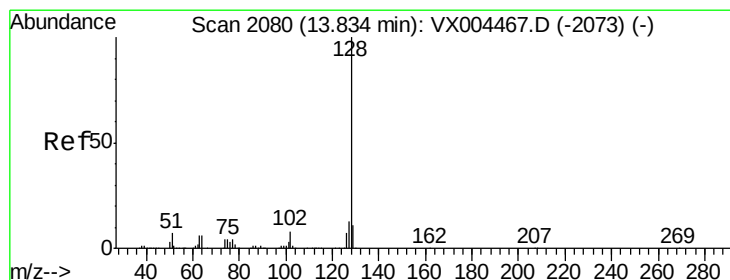
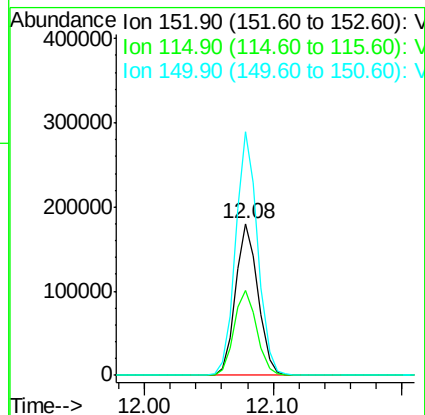
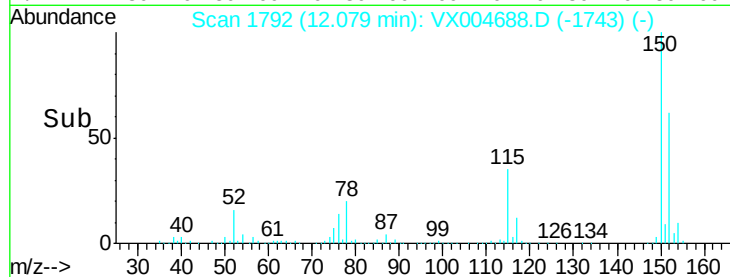
150 156.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 1.18 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004688.D

Acq: 19 Sep 2018 05:36

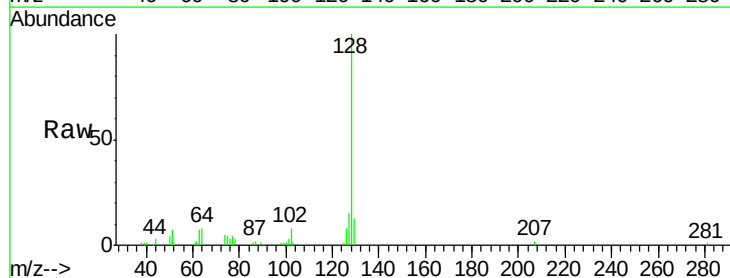
Tgt Ion:128 Resp: 17752

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.0 8.6 12.8



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

