

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000380.D
 Acq On : 21 Mar 2018 13:05
 Operator : JC/MD
 Sample : J1993-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6-MH-A

Quant Time: Mar 22 06:17:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

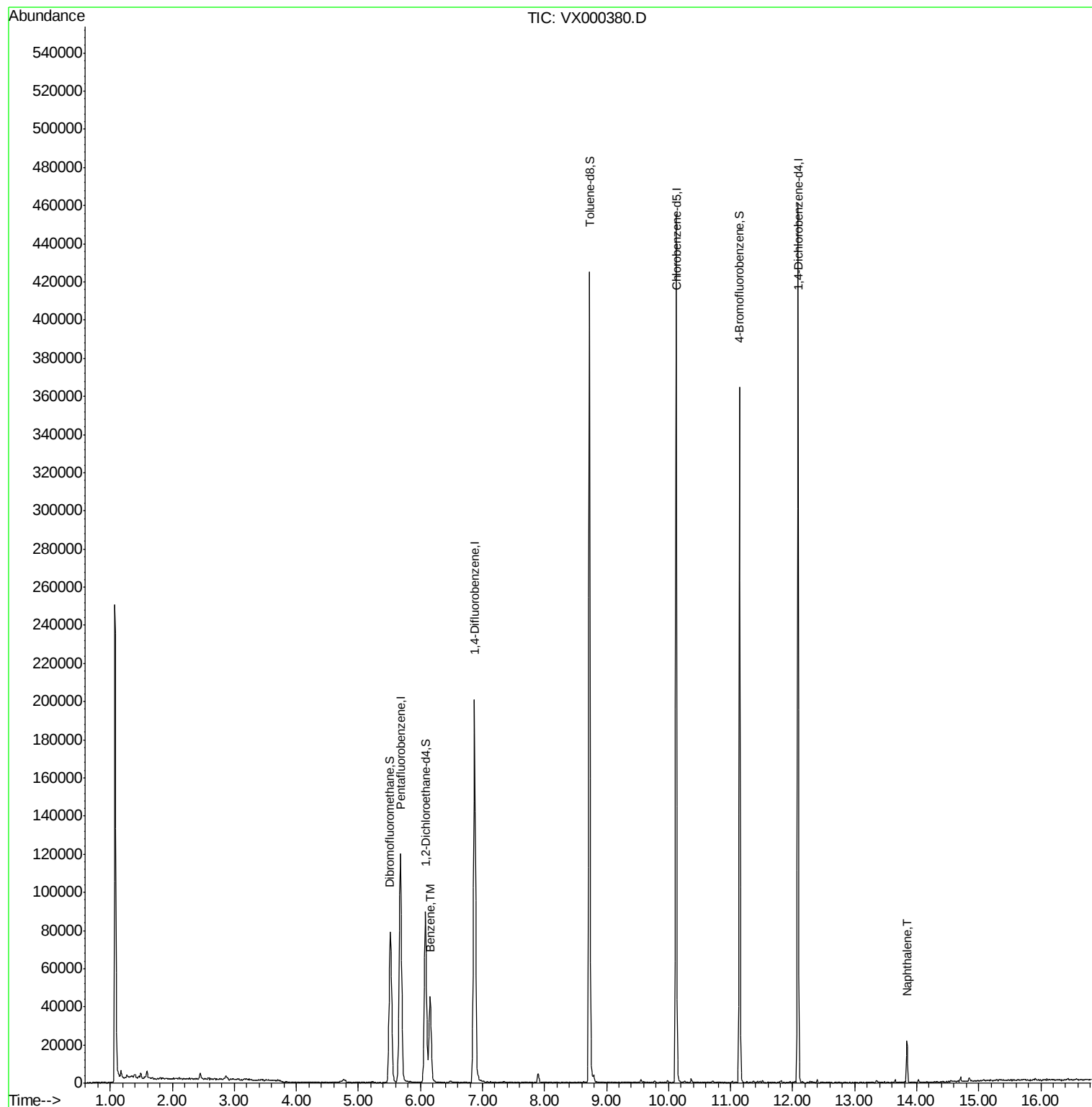
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	113018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	197488	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80961	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
35) Dibromofluoromethane	5.52	113	63324	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	8.73	98	246033	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	11.15	95	82034	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
Target Compounds						
40) Benzene	6.16	78	52304	9.74	ug/l	94
95) Naphthalene	13.84	128	12717	1.77	ug/l	96

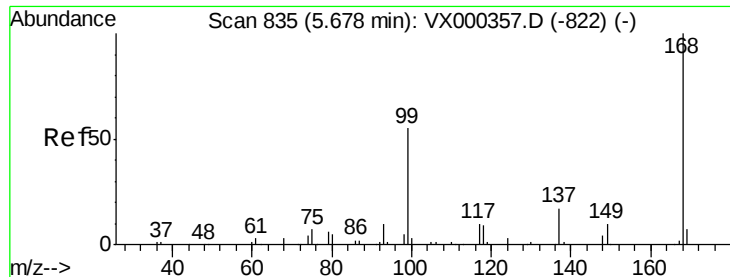
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000380.D

Acq: 21 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

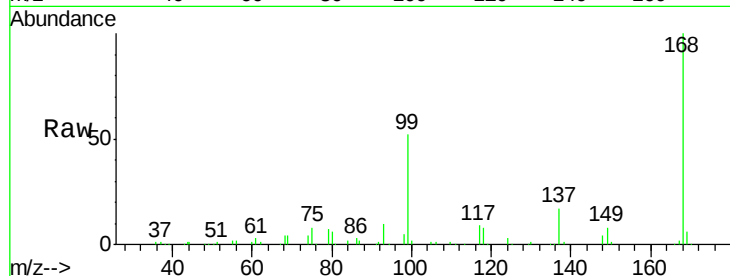
TP-6-MH-A

Tot Ion:168 Resp: 113018

Ion Ratio Lower Upper

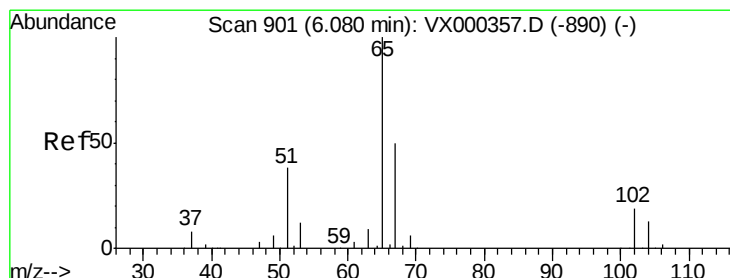
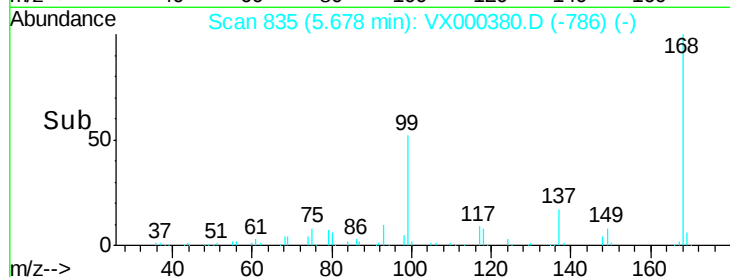
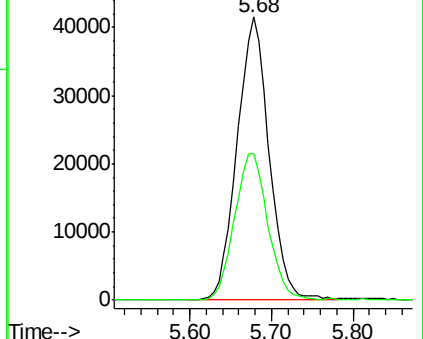
168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000380.D

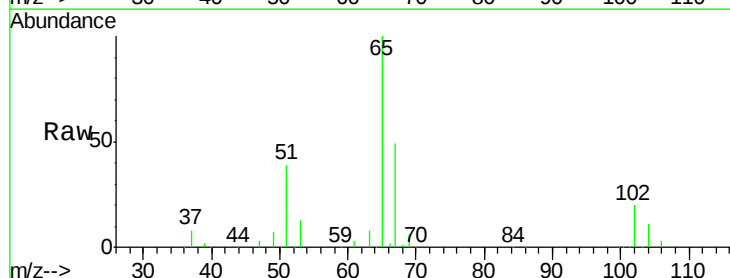
Acq: 21 Mar 2018 13:05

Tgt Ion: 65 Resp: 80961

Ion Ratio Lower Upper

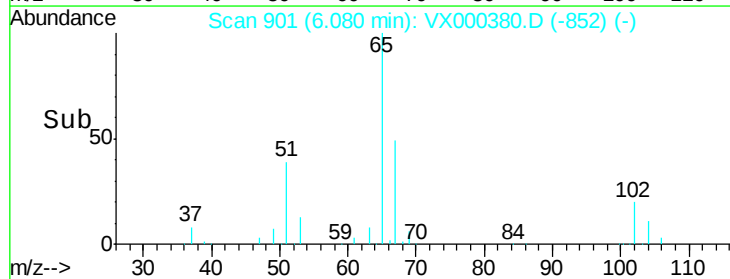
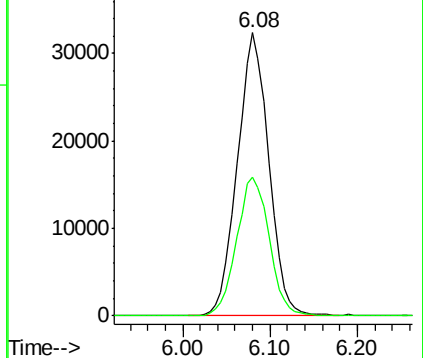
65 100

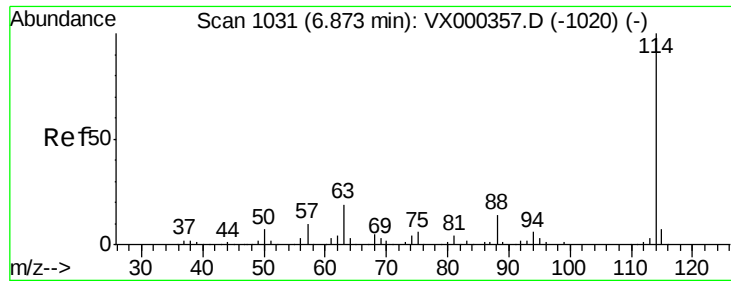
67 50.5 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

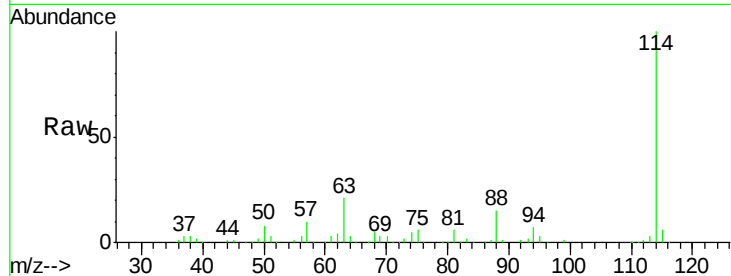




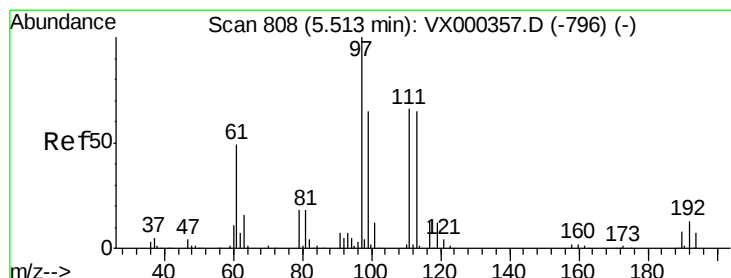
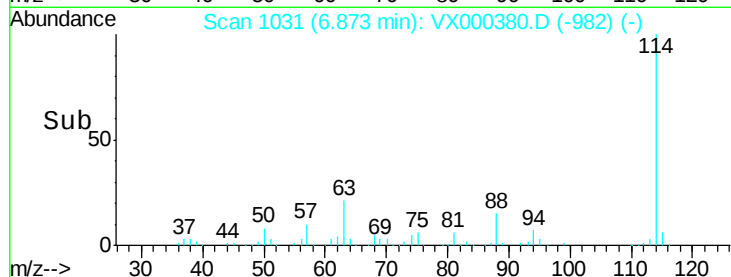
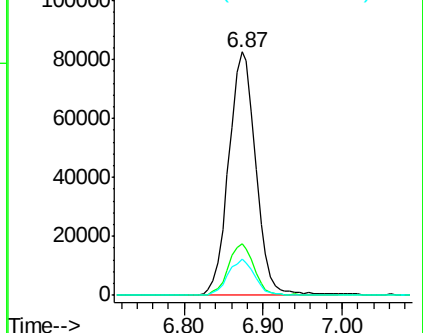
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000380.D
 Acq: 21 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 TP-6-MH-A

Tot Ion:114 Resp: 197488
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.4
 88 14.7 0.0 27.0

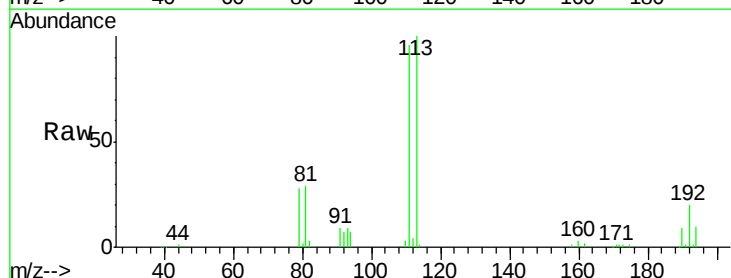


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

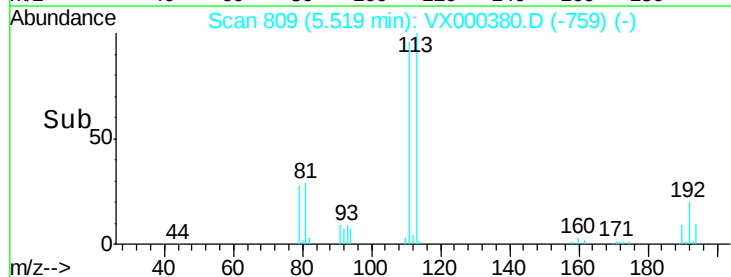
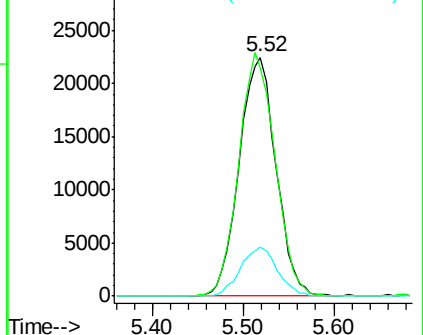


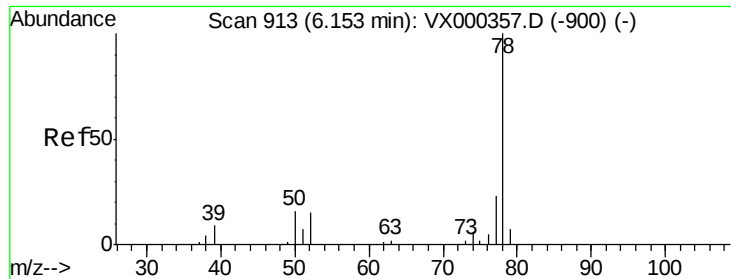
#35
 Dibromofluoromethane
 Concen: 50.89 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000380.D
 Acq: 21 Mar 2018 13:05

Tgt Ion:113 Resp: 63324
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.4 123.6
 192 20.5 15.8 23.6



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





#40

Benzene

Concen: 9.74 ug/l

RT: 6.16 min Scan# 914

Delta R.T. 0.01 min

Lab File: VX000380.D

Acq: 21 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

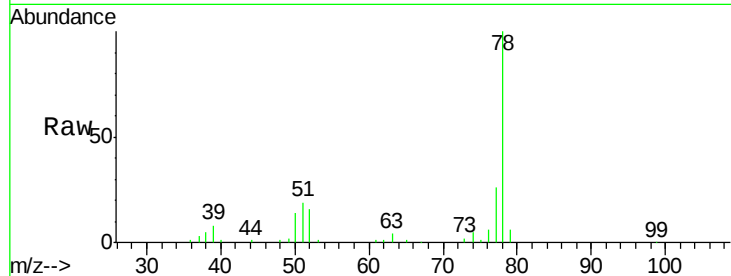
TP-6-MH-A

Tot Ion: 78 Resp: 52304

Ion Ratio Lower Upper

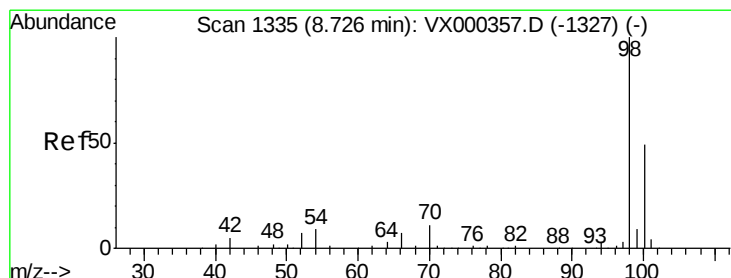
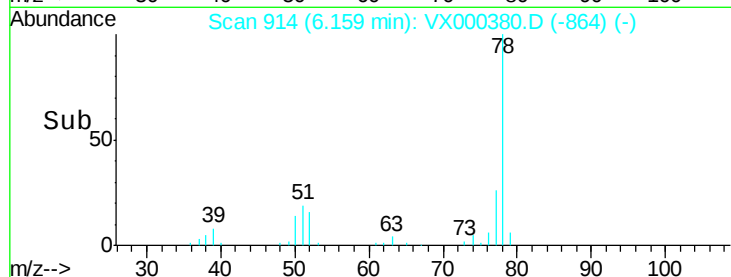
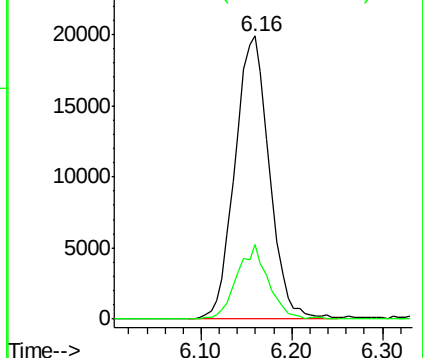
78 100

77 26.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 47.74 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000380.D

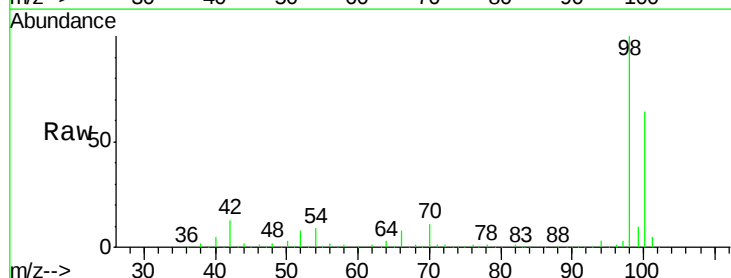
Acq: 21 Mar 2018 13:05

Tgt Ion: 98 Resp: 246033

Ion Ratio Lower Upper

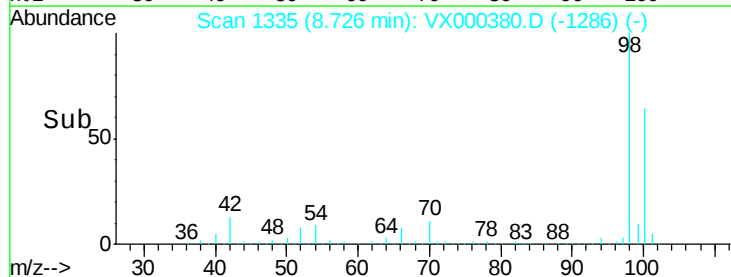
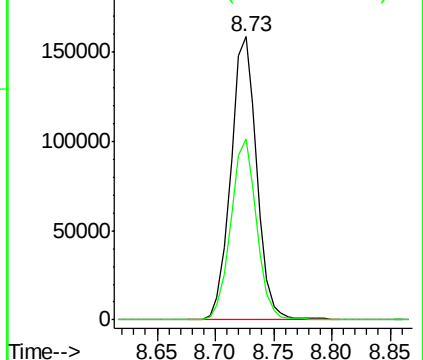
98 100

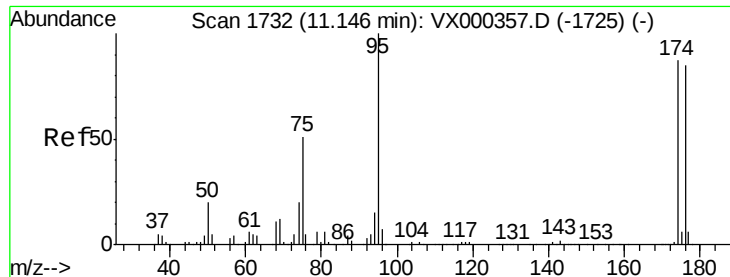
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

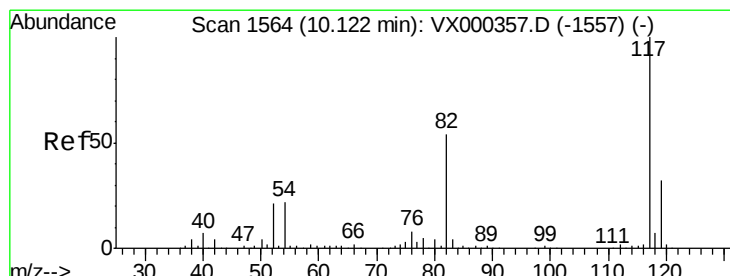
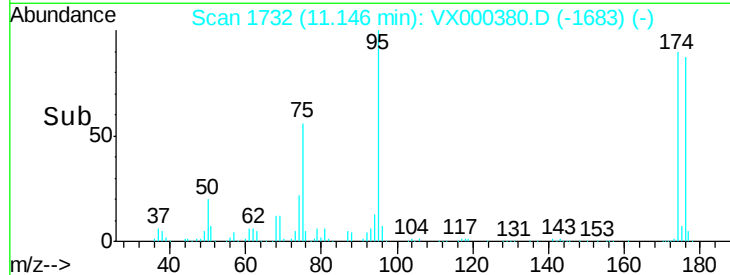
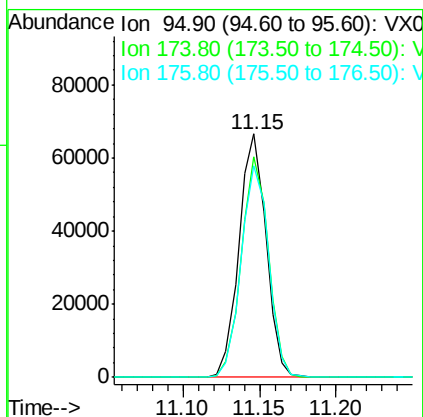
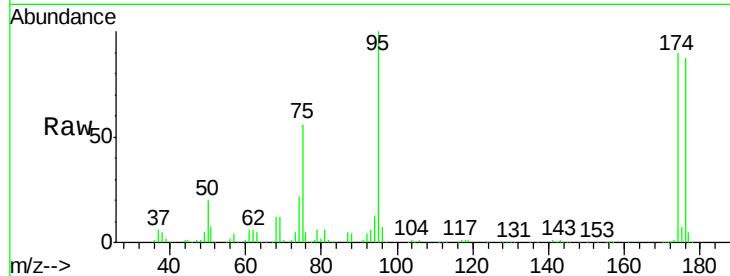




#62
4-Bromofluorobenzene
Concen: 39.19 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000380.D
Acq: 21 Mar 2018 13:05

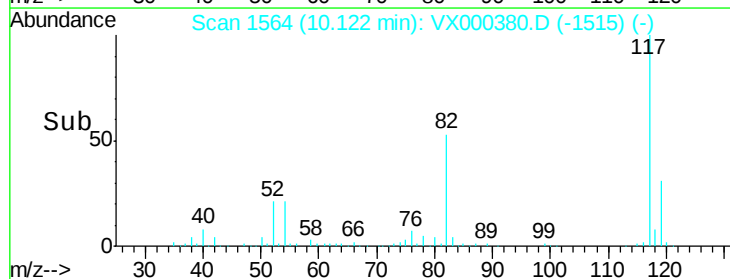
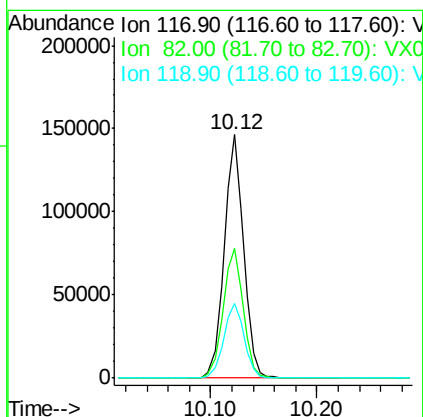
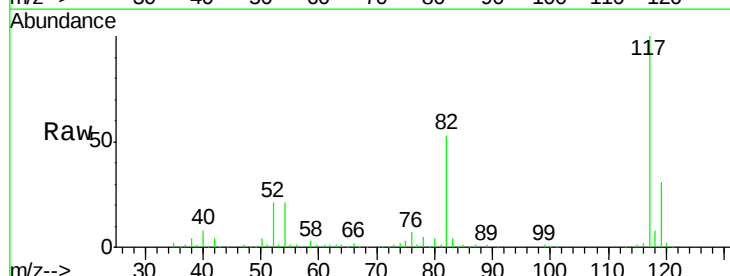
Instrument :
MSVOA_X
ClientSampleId :
TP-6-MH-A

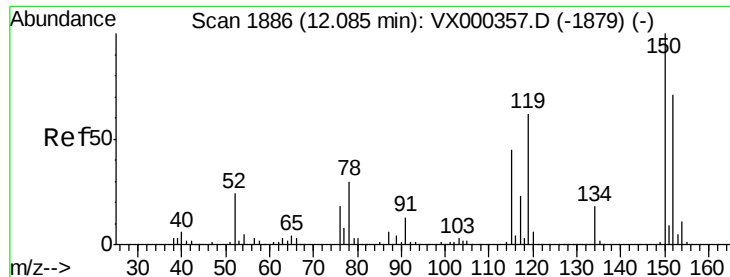
Tot Ion: 95 Resp: 82034
Ion Ratio Lower Upper
95 100
174 90.2 0.0 173.6
176 88.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000380.D
Acq: 21 Mar 2018 13:05

Tgt Ion: 117 Resp: 186224
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 30.7 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000380.D

Acq: 21 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

TP-6-MH-A

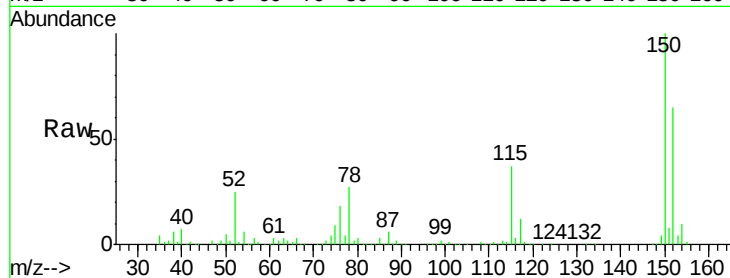
Tot Ion:152 Resp: 87907

Ion Ratio Lower Upper

152 100

115 56.9 39.8 119.3

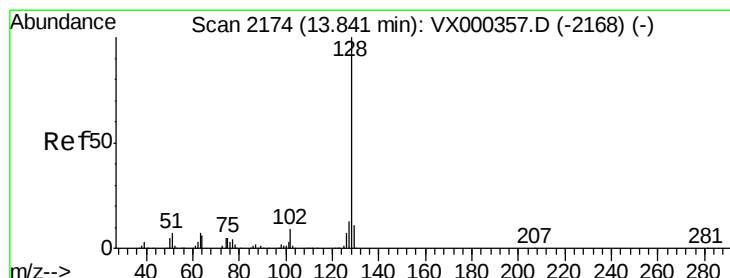
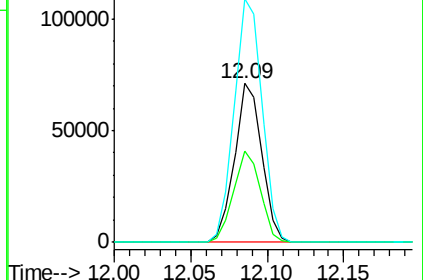
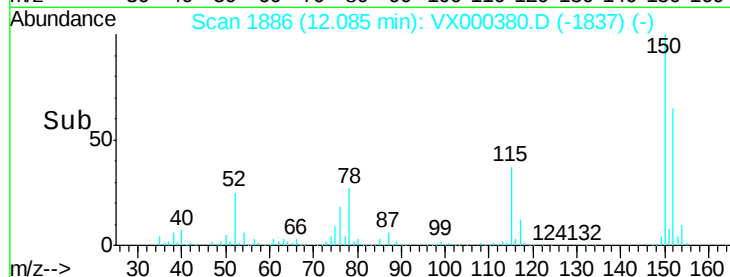
150 156.7 0.0 344.4



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: 1.77 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000380.D

Acq: 21 Mar 2018 13:05

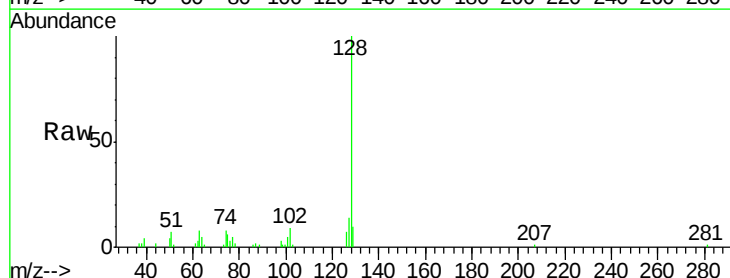
Tgt Ion:128 Resp: 12717

Ion Ratio Lower Upper

128 100

127 11.9 10.6 15.8

129 12.6 8.9 13.3



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

