

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000378.D
 Acq On : 21 Mar 2018 12:14
 Operator : JC/MD
 Sample : J1756-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-032018-A

Quant Time: Mar 22 06:12:42 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

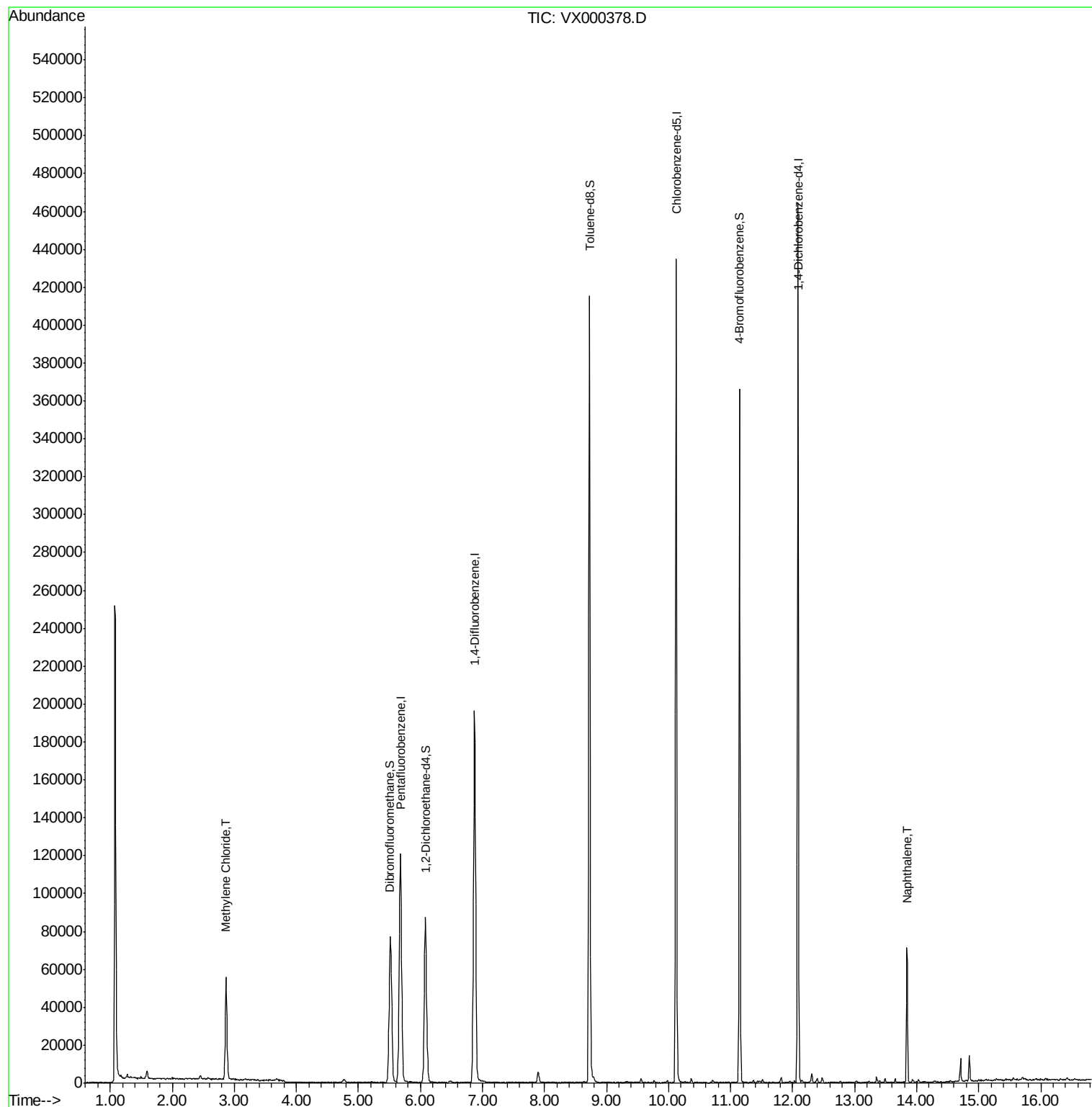
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	113684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	193399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	187190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	87710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80194	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	5.51	113	61781	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	8.73	98	245072	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.15	95	80930	39.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.88%	
Target Compounds						
20) Methylene Chloride	2.87	84	23565	16.53	ug/l	93
95) Naphthalene	13.84	128	41224	5.75	ug/l	98

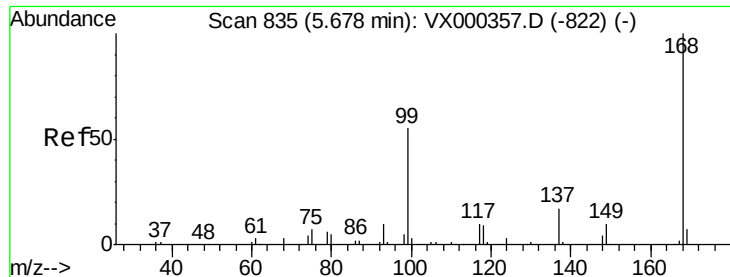
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000378.D

Acq: 21 Mar 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

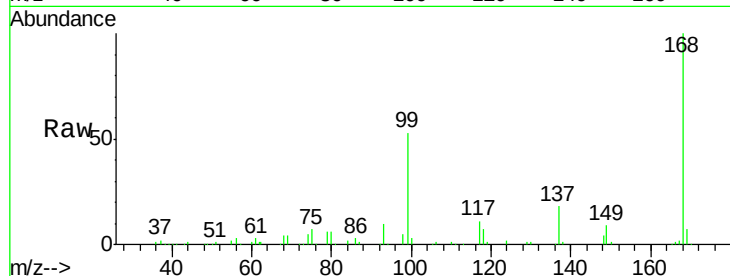
OR-03-032018-A

Tot Ion:168 Resp: 113684

Ion Ratio Lower Upper

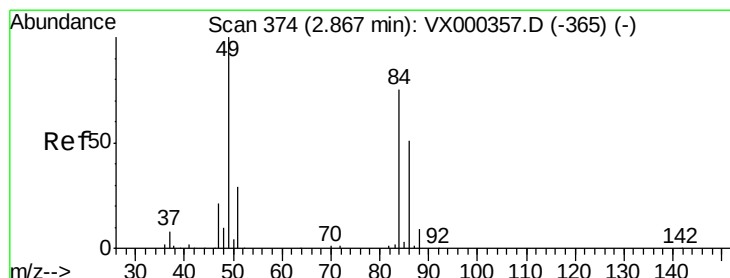
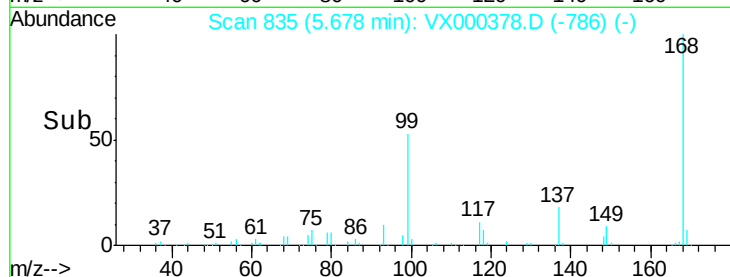
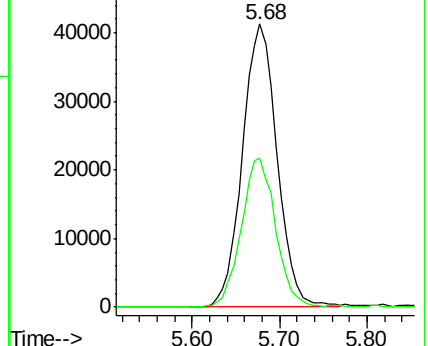
168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 16.53 ug/l

RT: 2.87 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

Tgt Ion: 84 Resp: 23565

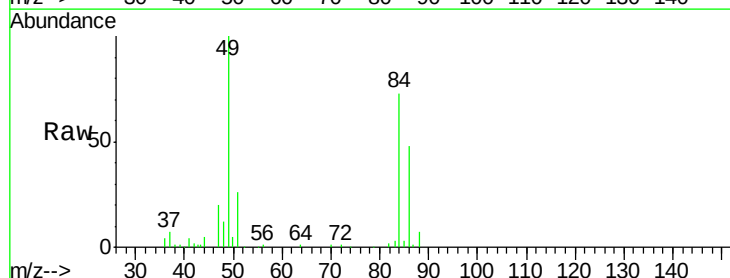
Ion Ratio Lower Upper

84 100

49 137.0 100.6 151.0

51 35.1 31.6 47.4

86 66.0 52.6 78.8

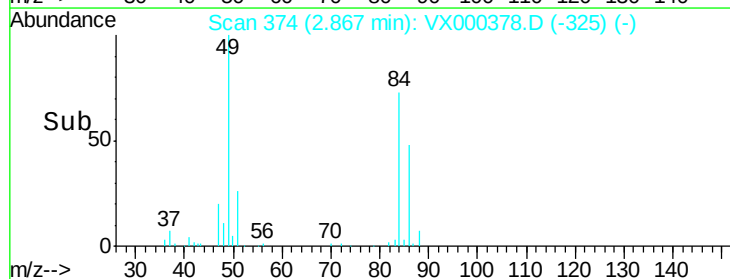
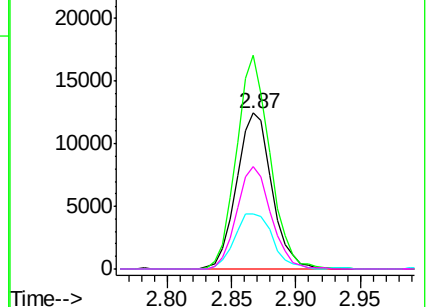


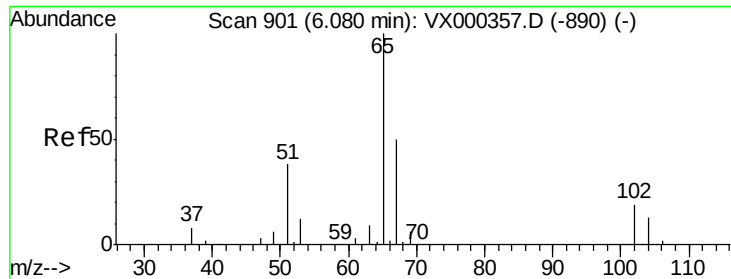
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

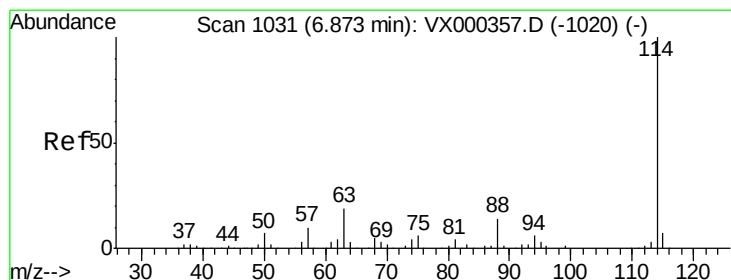
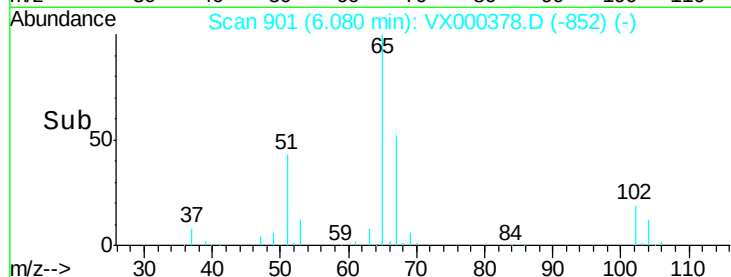
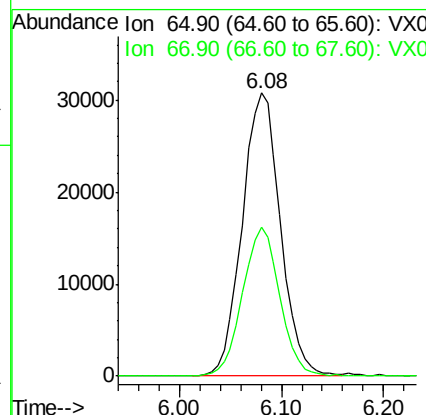
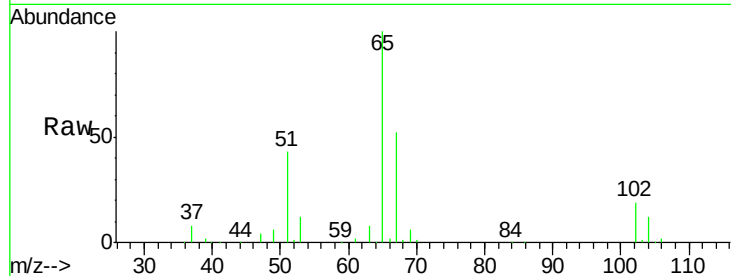




#33
 1,2-Dichloroethane-d4
 Concen: 54.04 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000378.D
 Acq: 21 Mar 2018 12:14

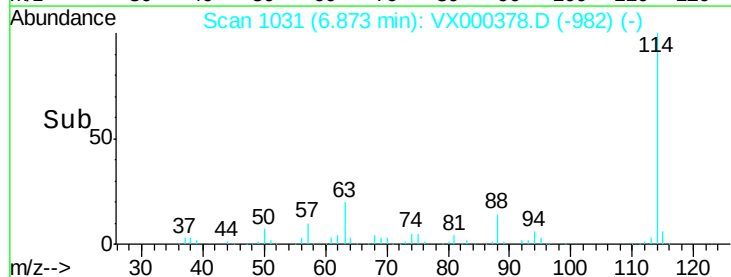
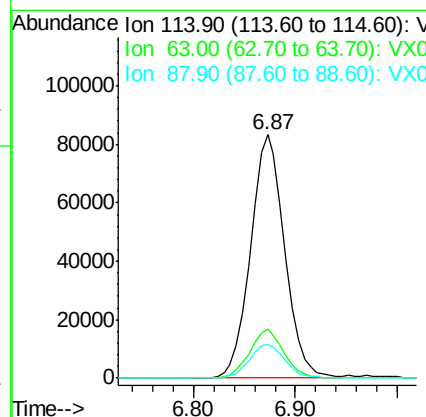
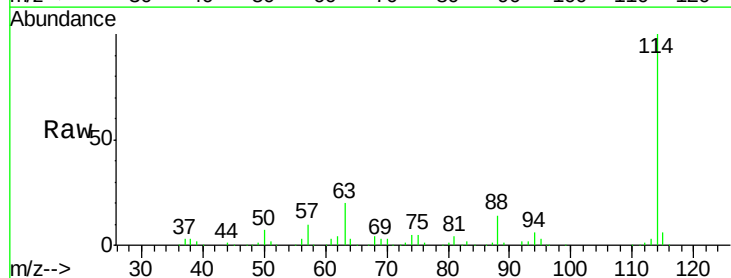
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-032018-A

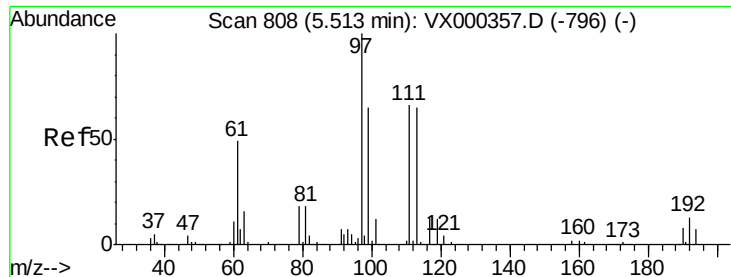
Tot Ion: 65 Resp: 80194
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000378.D
 Acq: 21 Mar 2018 12:14

Tgt Ion: 114 Resp: 193399
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 13.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.70 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

OR-03-032018-A

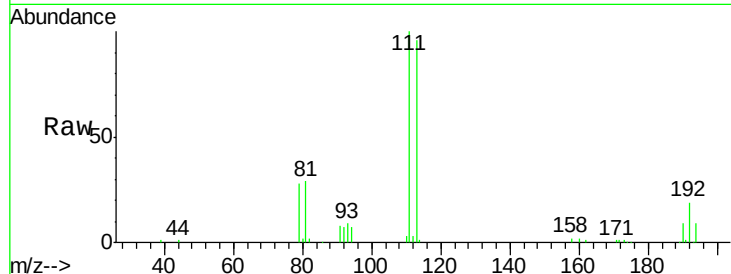
Tot Ion:113 Resp: 61781

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

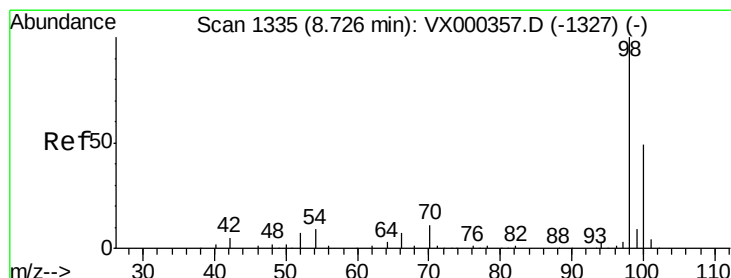
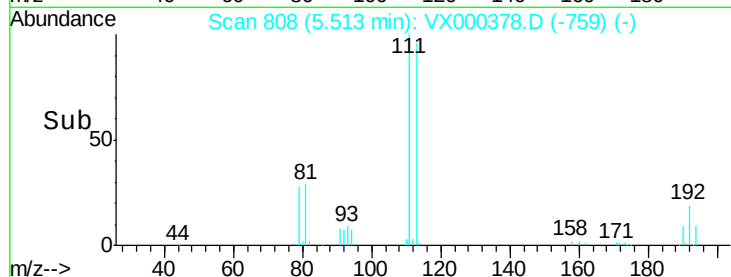
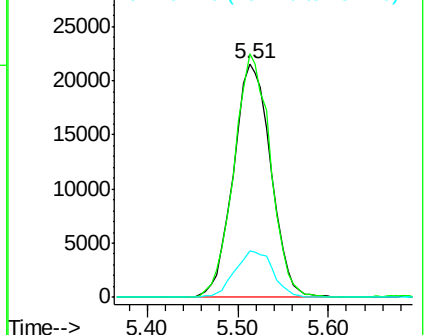
192 20.1 15.8 23.6



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



#50

Toluene-d8

Concen: 48.56 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000378.D

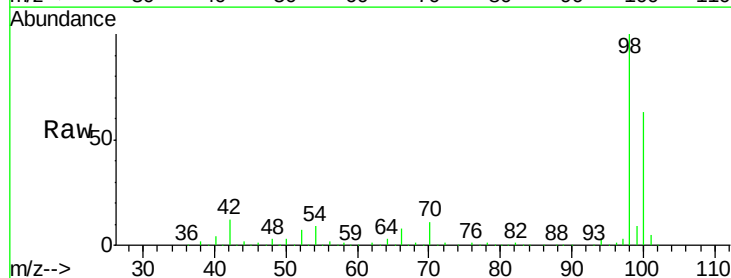
Acq: 21 Mar 2018 12:14

Tgt Ion: 98 Resp: 245072

Ion Ratio Lower Upper

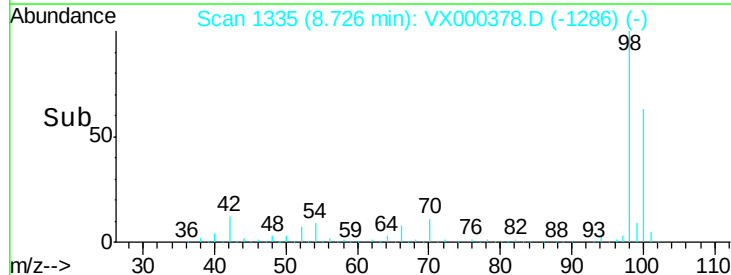
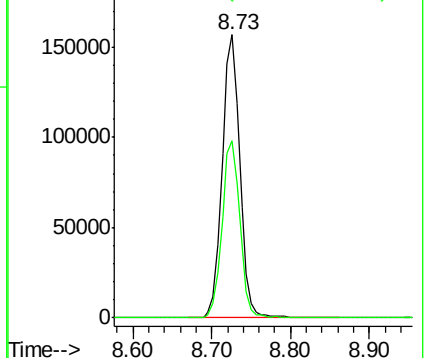
98 100

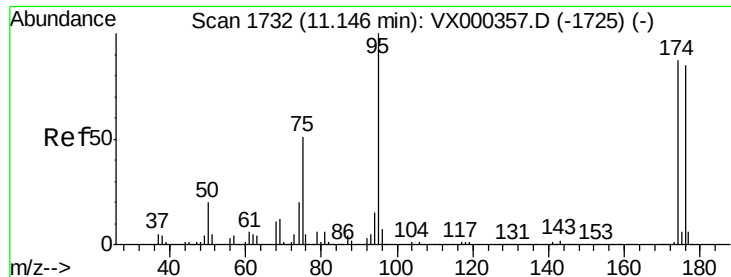
100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

OR-03-032018-A

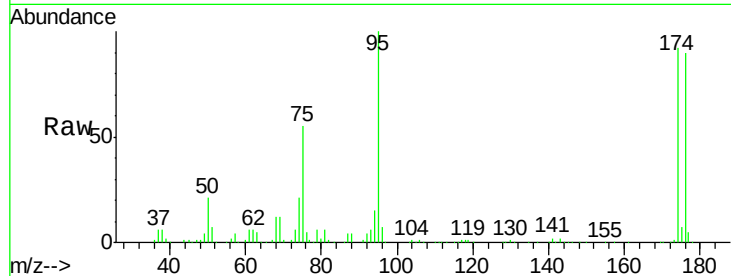
Tot Ion: 95 Resp: 80930

Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.6

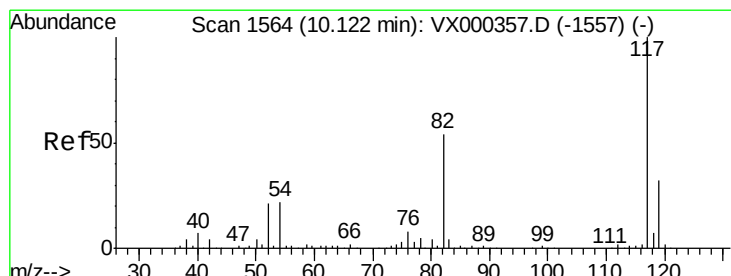
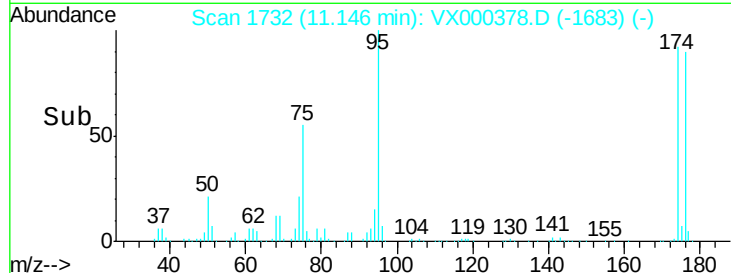
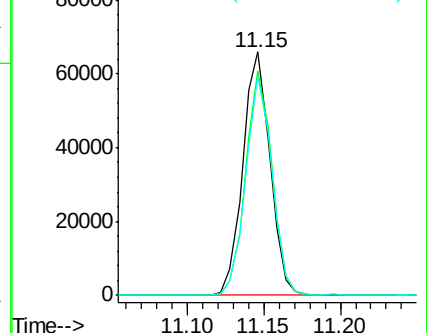
176 87.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000378.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000378.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000378.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

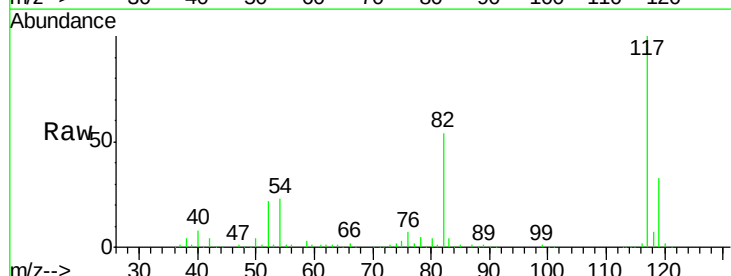
Tgt Ion: 117 Resp: 187190

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

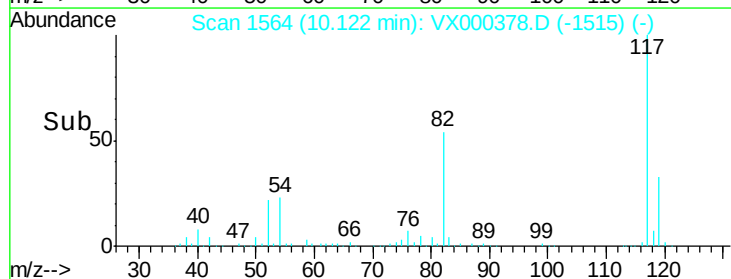
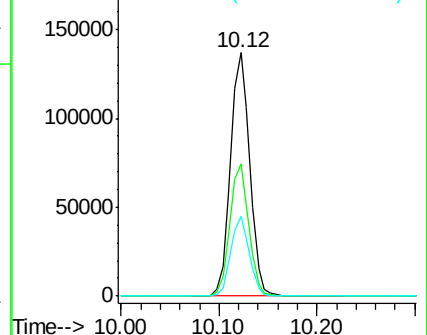
119 32.6 24.9 37.3

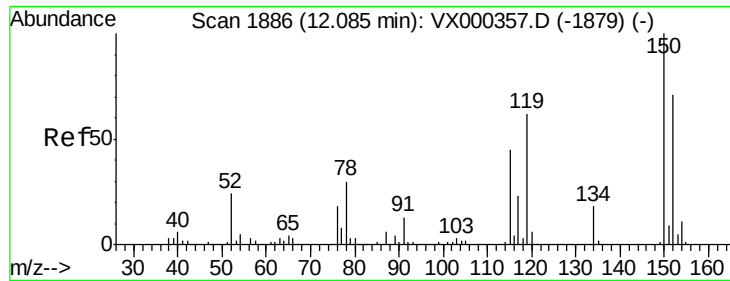


Abundance Ion 116.90 (116.60 to 117.60): VX000378.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000378.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000378.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

Instrument :

MSVOA_X

ClientSampleId :

OR-03-032018-A

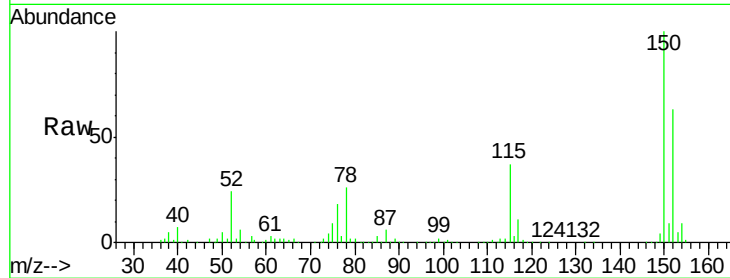
Tot Ion:152 Resp: 87710

Ion Ratio Lower Upper

152 100

115 57.4 39.8 119.3

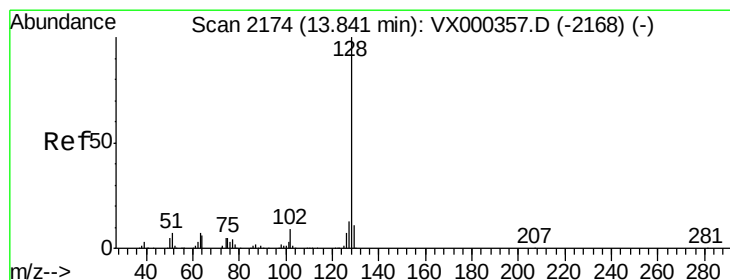
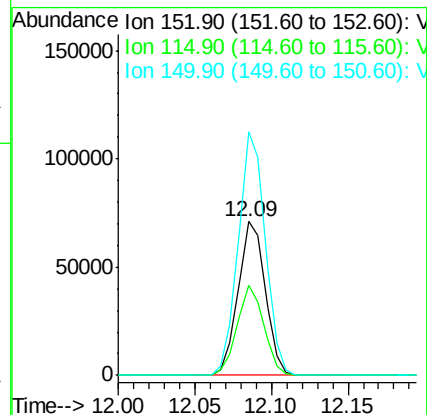
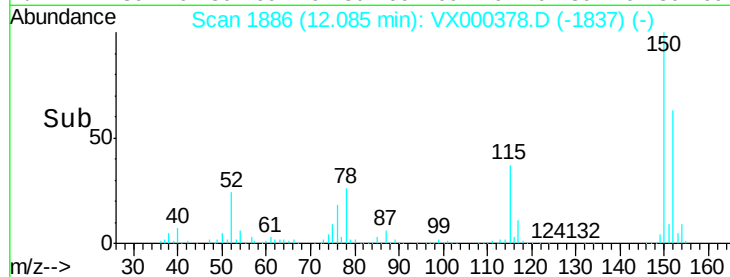
150 156.9 0.0 344.4



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: 5.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000378.D

Acq: 21 Mar 2018 12:14

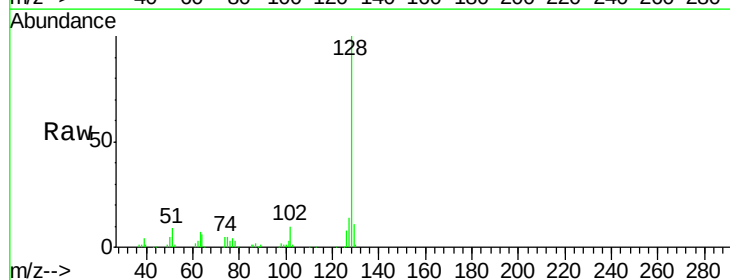
Tgt Ion:128 Resp: 41224

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

129 11.7 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

