

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003989.D
 Acq On : 17 Jul 2018 17:02
 Operator : VA/AP
 Sample : J3819-03
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-B

Quant Time: Jul 18 05:20:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

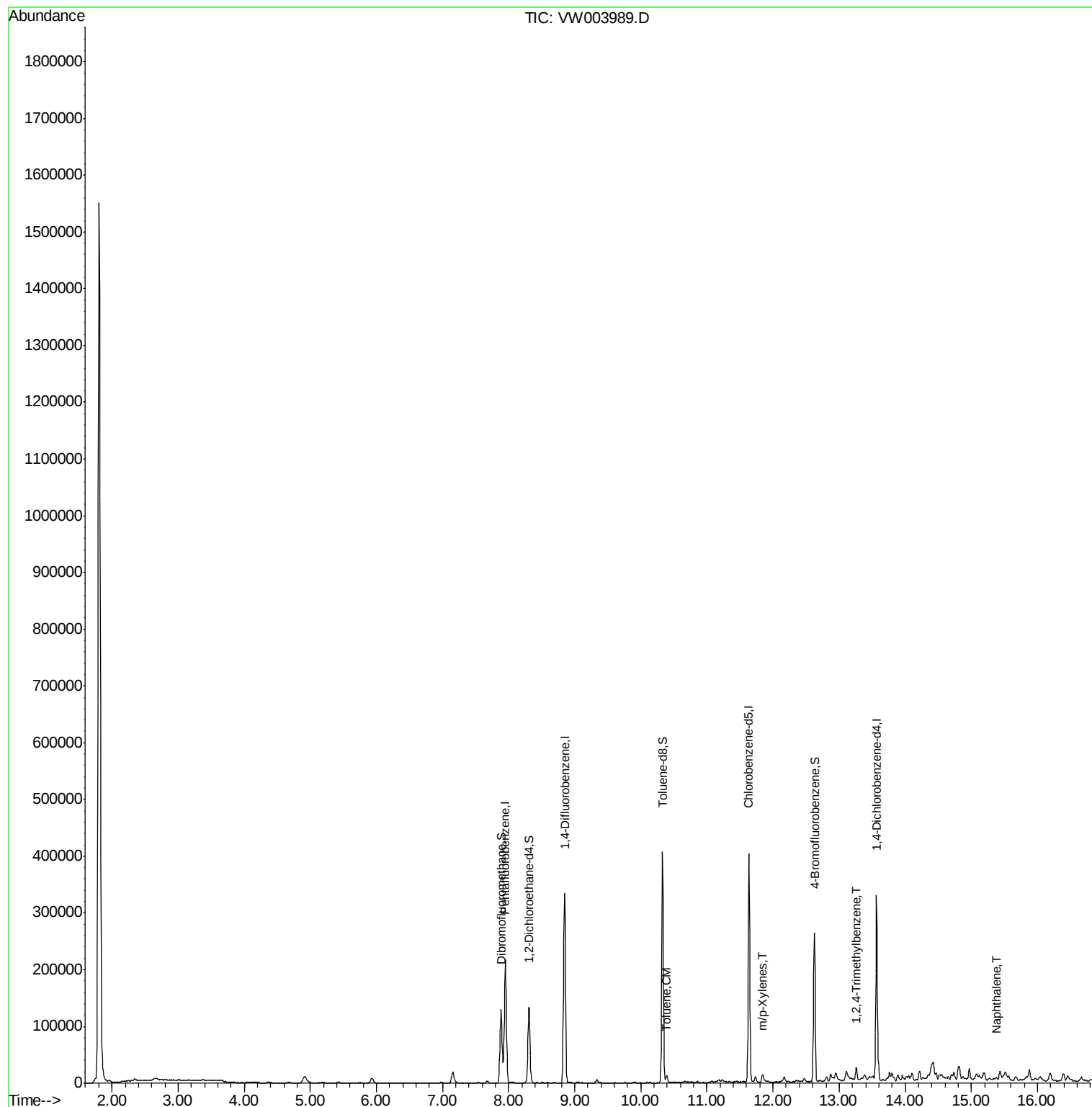
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	216541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108692	62.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.02%	
35) Dibromofluoromethane	7.88	113	90450	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
50) Toluene-d8	10.33	98	259081	38.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.64%	
62) 4-Bromofluorobenzene	12.63	95	82744	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.76%	
Target Compounds						
52) Toluene	10.39	92	4815	1.02	ug/l	99
68) m/p-Xylenes	11.84	106	3829	1.24	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	12253	2.43	ug/l	97
95) Naphthalene	15.38	128	3864	1.20	ug/l	97

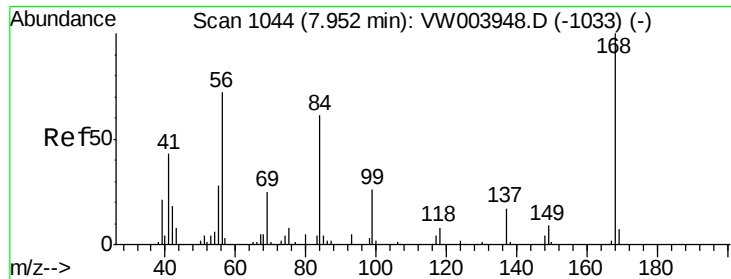
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

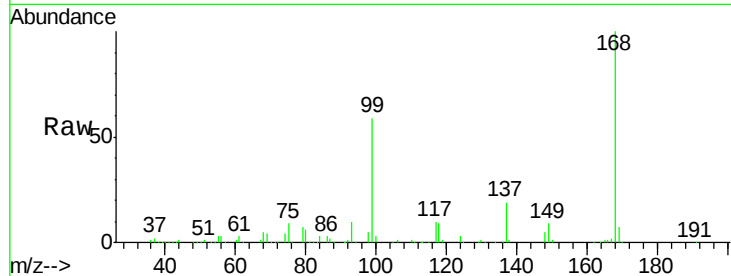
AU-05-071318-B

Tot Ion:168 Resp: 155546

Ion Ratio Lower Upper

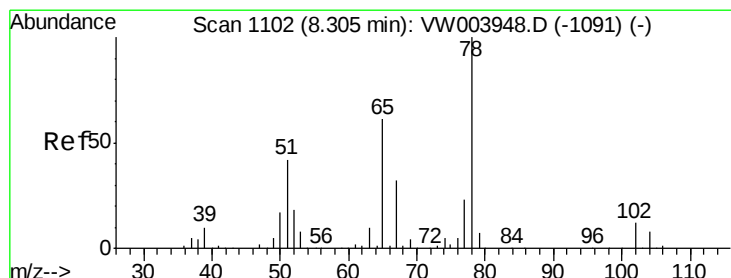
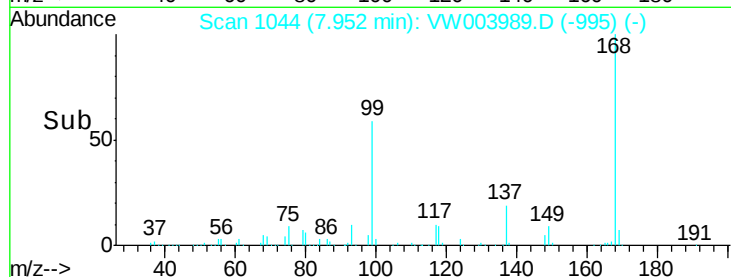
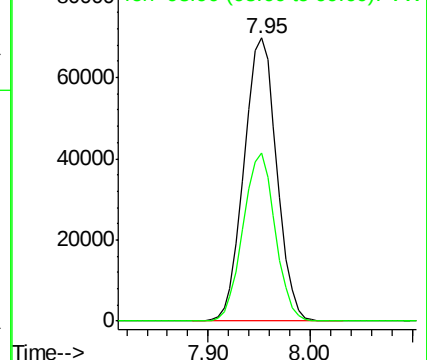
168 100

99 59.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 62.51 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003989.D

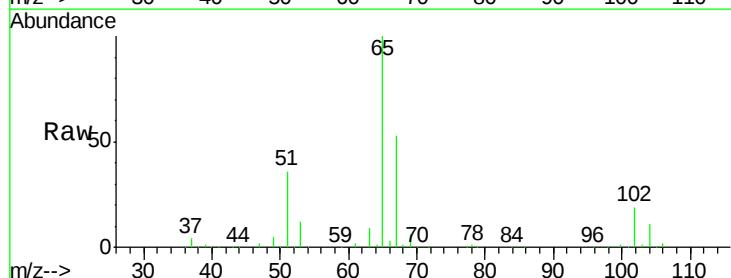
Acq: 17 Jul 2018 17:02

Tgt Ion: 65 Resp: 108692

Ion Ratio Lower Upper

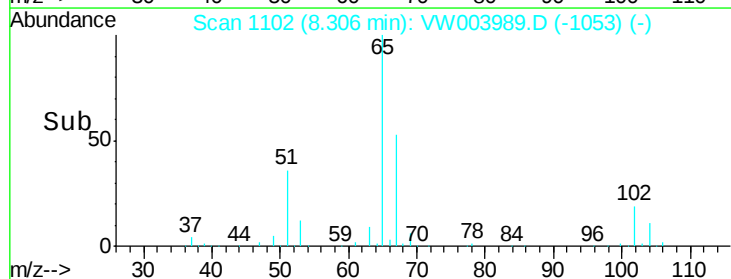
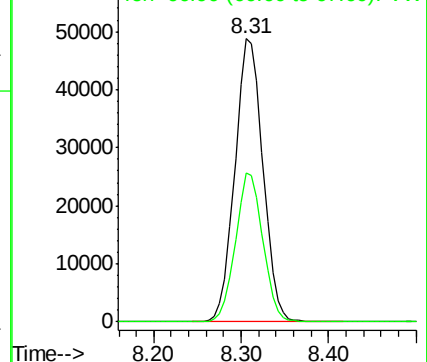
65 100

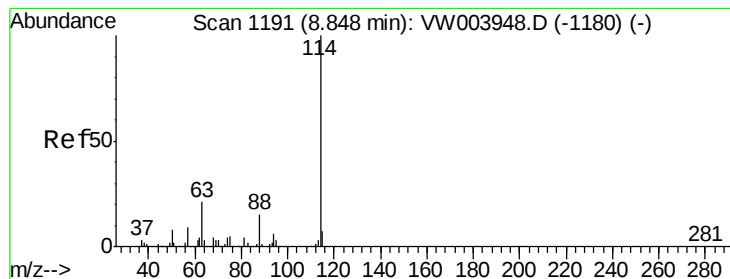
67 51.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-B

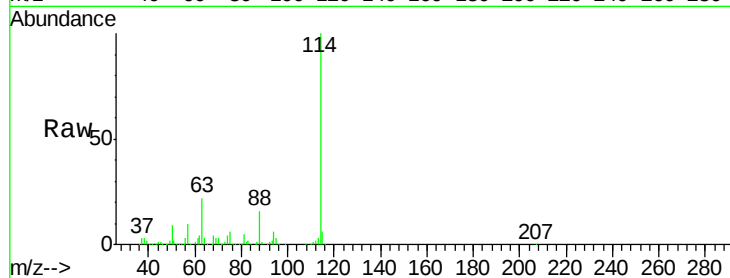
Tot Ion:114 Resp: 268055

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

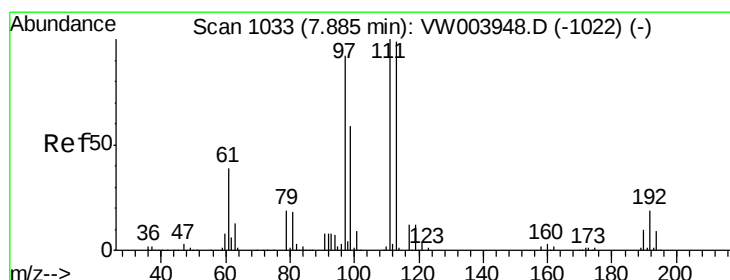
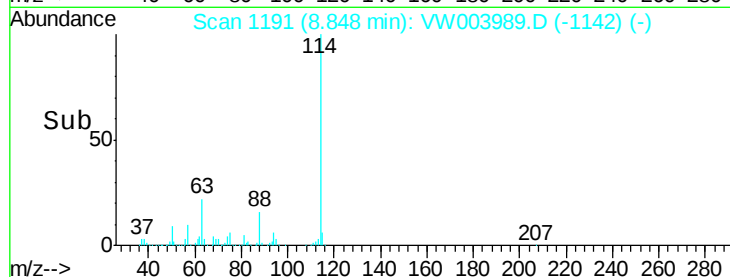
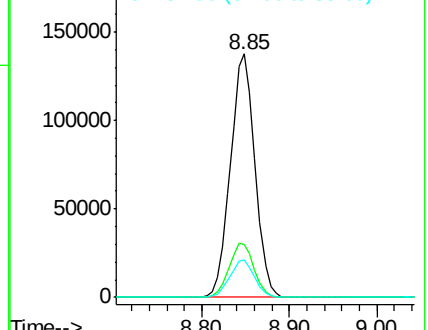
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.59 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

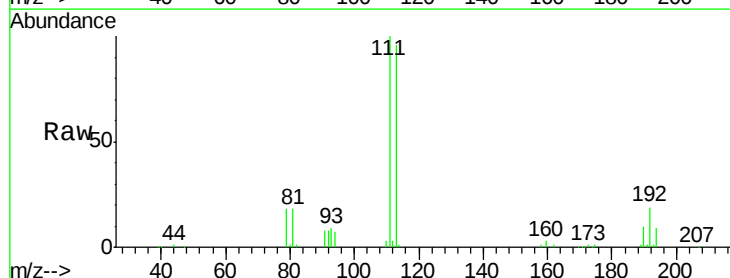
Tgt Ion:113 Resp: 90450

Ion Ratio Lower Upper

113 100

111 103.4 81.3 121.9

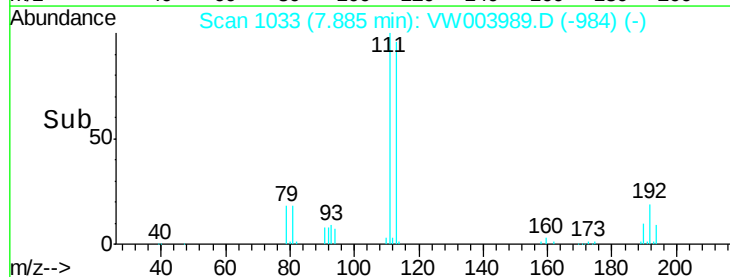
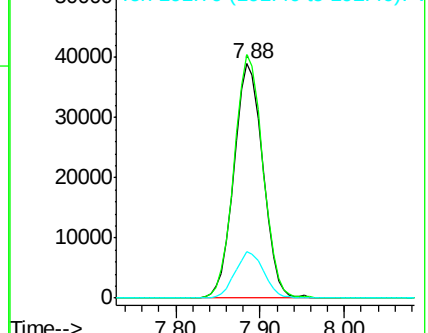
192 19.6 15.8 23.6

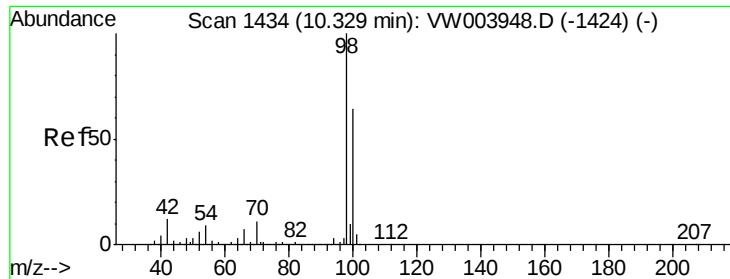


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.82 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

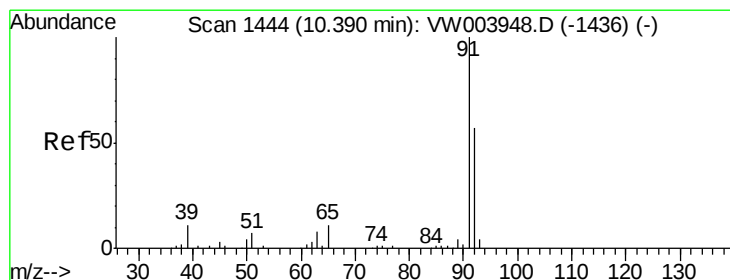
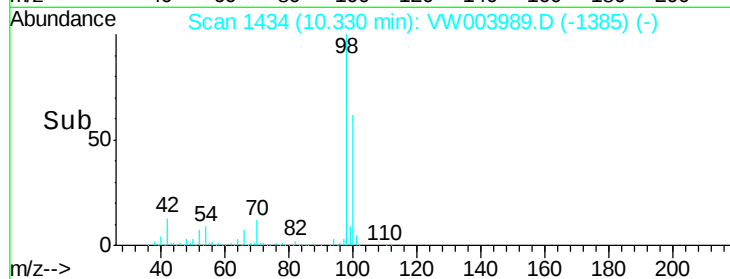
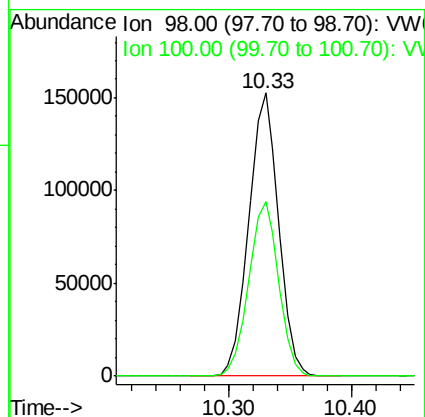
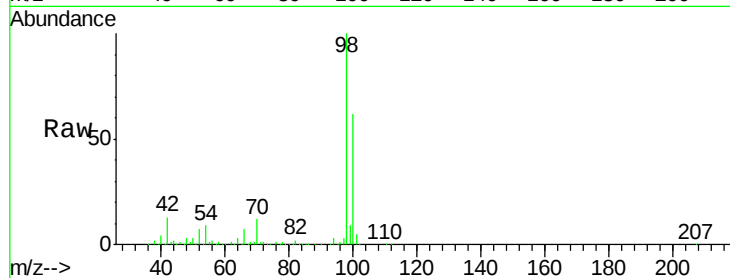
AU-05-071318-B

Tot Ion: 98 Resp: 259081

Ion Ratio Lower Upper

98 100

100 61.7 51.2 76.8



#52

Toluene

Concen: 1.02 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003989.D

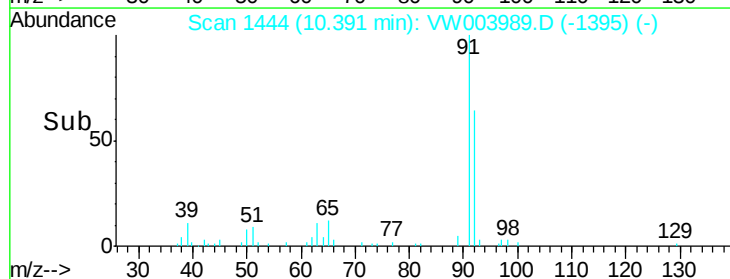
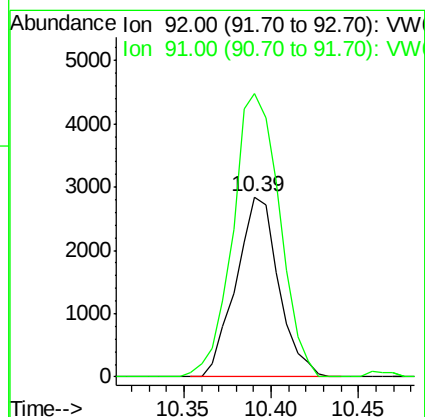
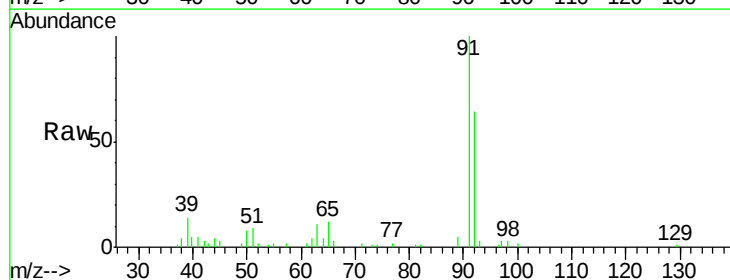
Acq: 17 Jul 2018 17:02

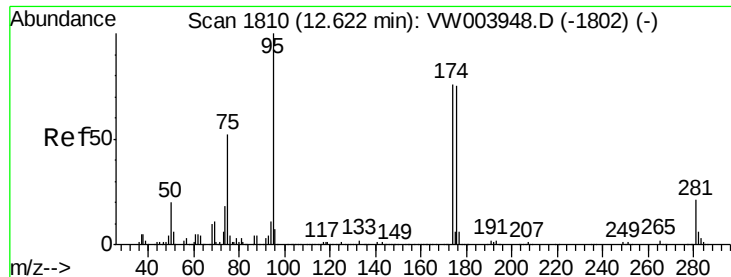
Tgt Ion: 92 Resp: 4815

Ion Ratio Lower Upper

92 100

91 172.8 139.6 209.4





#62

4-Bromofluorobenzene

Concen: 34.38 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-B

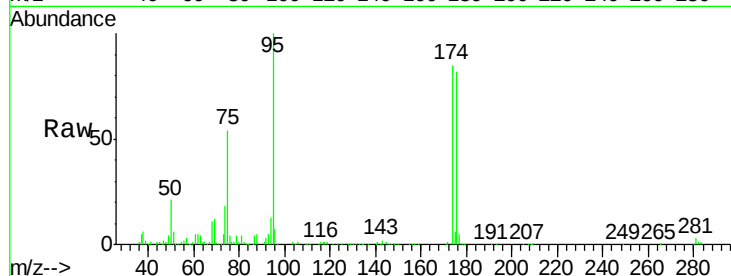
Tot Ion: 95 Resp: 82744

Ion Ratio Lower Upper

95 100

174 82.8 0.0 160.2

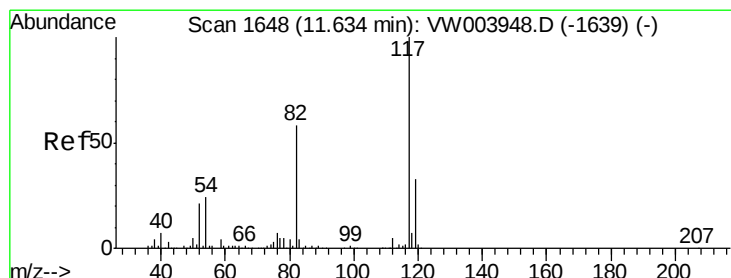
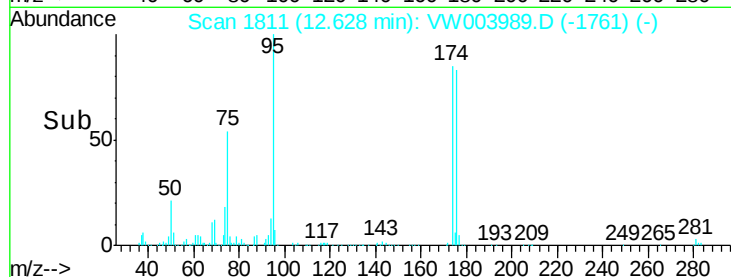
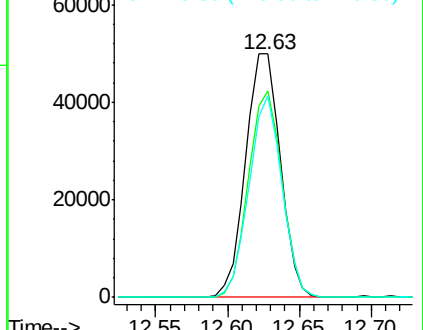
176 78.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

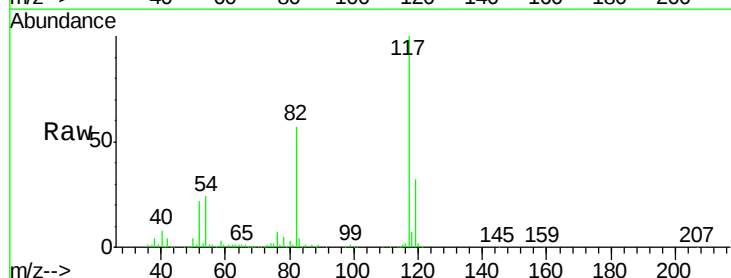
Tgt Ion: 117 Resp: 216541

Ion Ratio Lower Upper

117 100

82 56.8 46.5 69.7

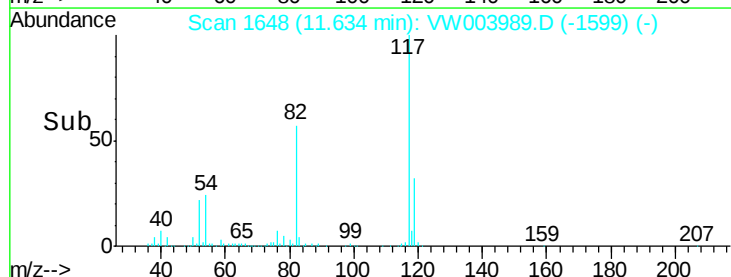
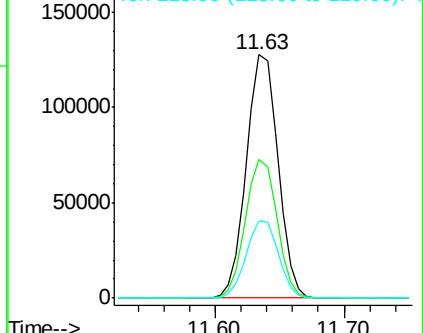
119 31.6 26.2 39.2

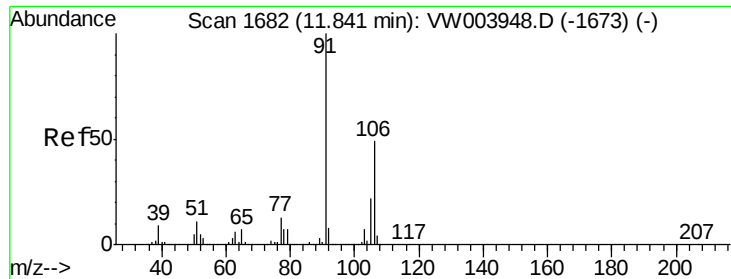


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#68

m/p-Xvlenes

Concen: 1.24 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

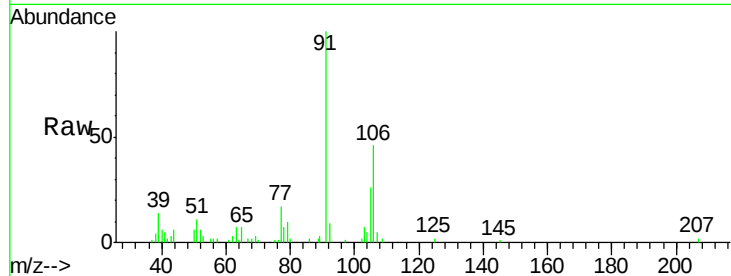
AU-05-071318-B

Tot Ion:106 Resp: 3829

Ion Ratio Lower Upper

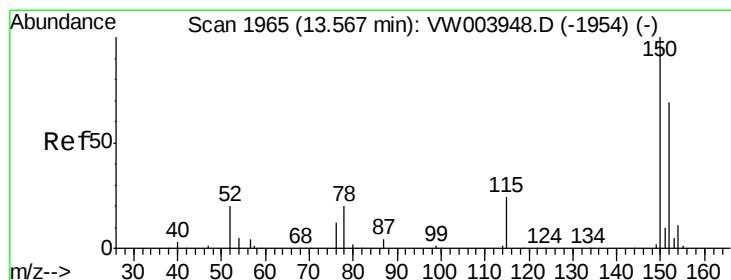
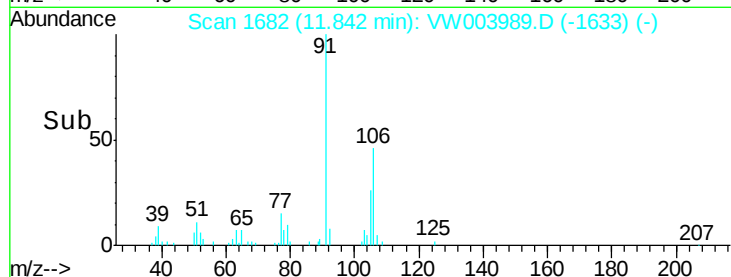
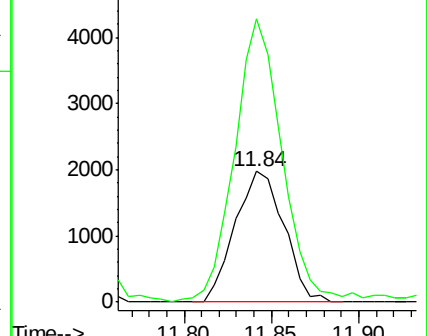
106 100

91 216.9 164.2 246.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003989.D

Acq: 17 Jul 2018 17:02

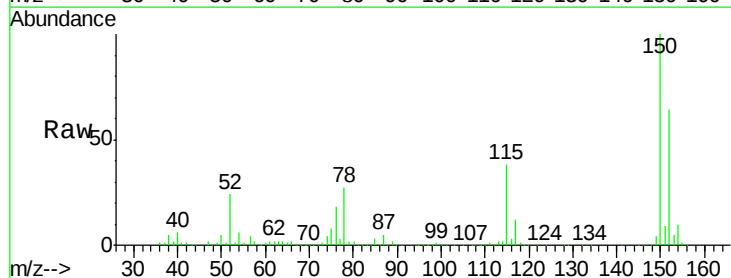
Tgt Ion:152 Resp: 82270

Ion Ratio Lower Upper

152 100

115 59.5 29.2 87.6

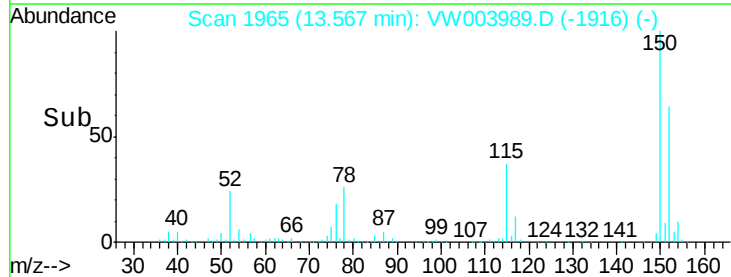
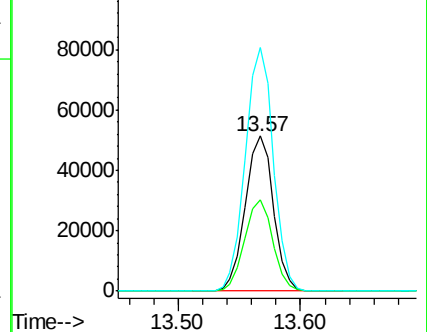
150 156.1 0.0 345.2

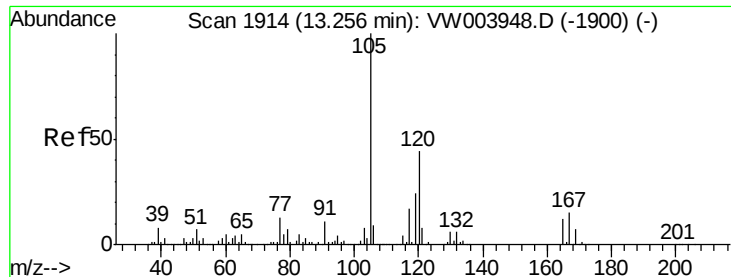


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

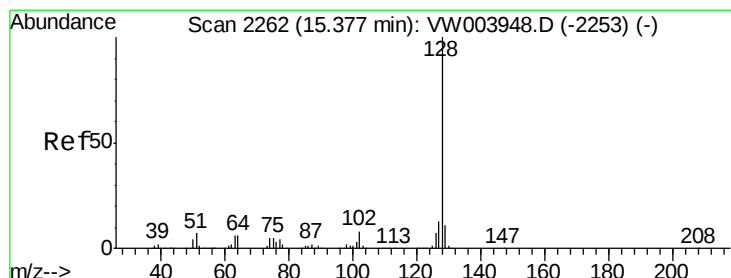
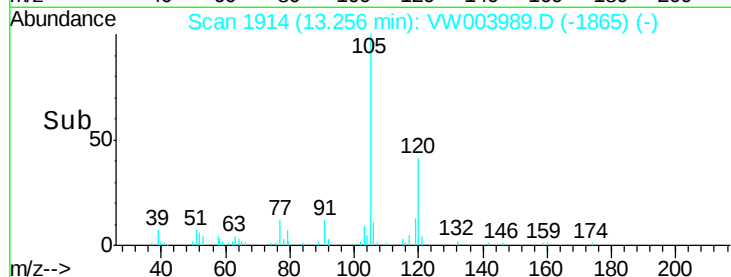
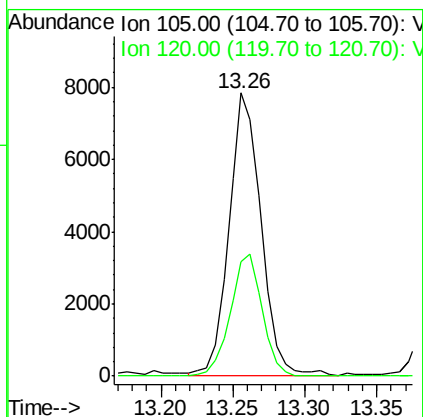
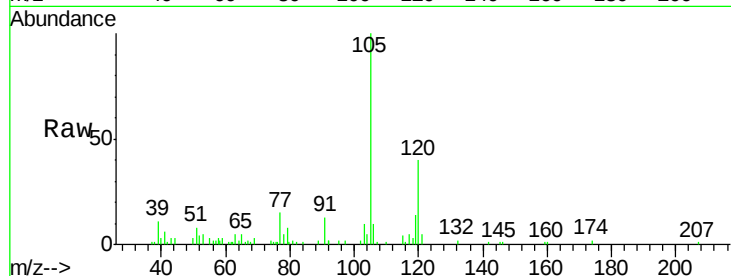




#84
 1,2,4-Trimethylbenzene
 Concen: 2.43 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003989.D
 Acq: 17 Jul 2018 17:02

Instrument :
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 AU-05-071318-B

Tot Ion:105 Resp: 12253
 Ion Ratio Lower Upper
 105 100
 120 42.4 22.1 66.1



#95
 Naphthalene
 Concen: 1.20 ug/l
 RT: 15.38 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VW003989.D
 Acq: 17 Jul 2018 17:02

Tgt Ion:128 Resp: 3864
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.7 16.1
 129 12.7 8.7 13.1

