

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007730.D
 Acq On : 20 Dec 2018 06:49
 Operator : SY/AP
 Sample : J6379-06RE
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0006-01RE

Quant Time: Dec 20 08:11:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

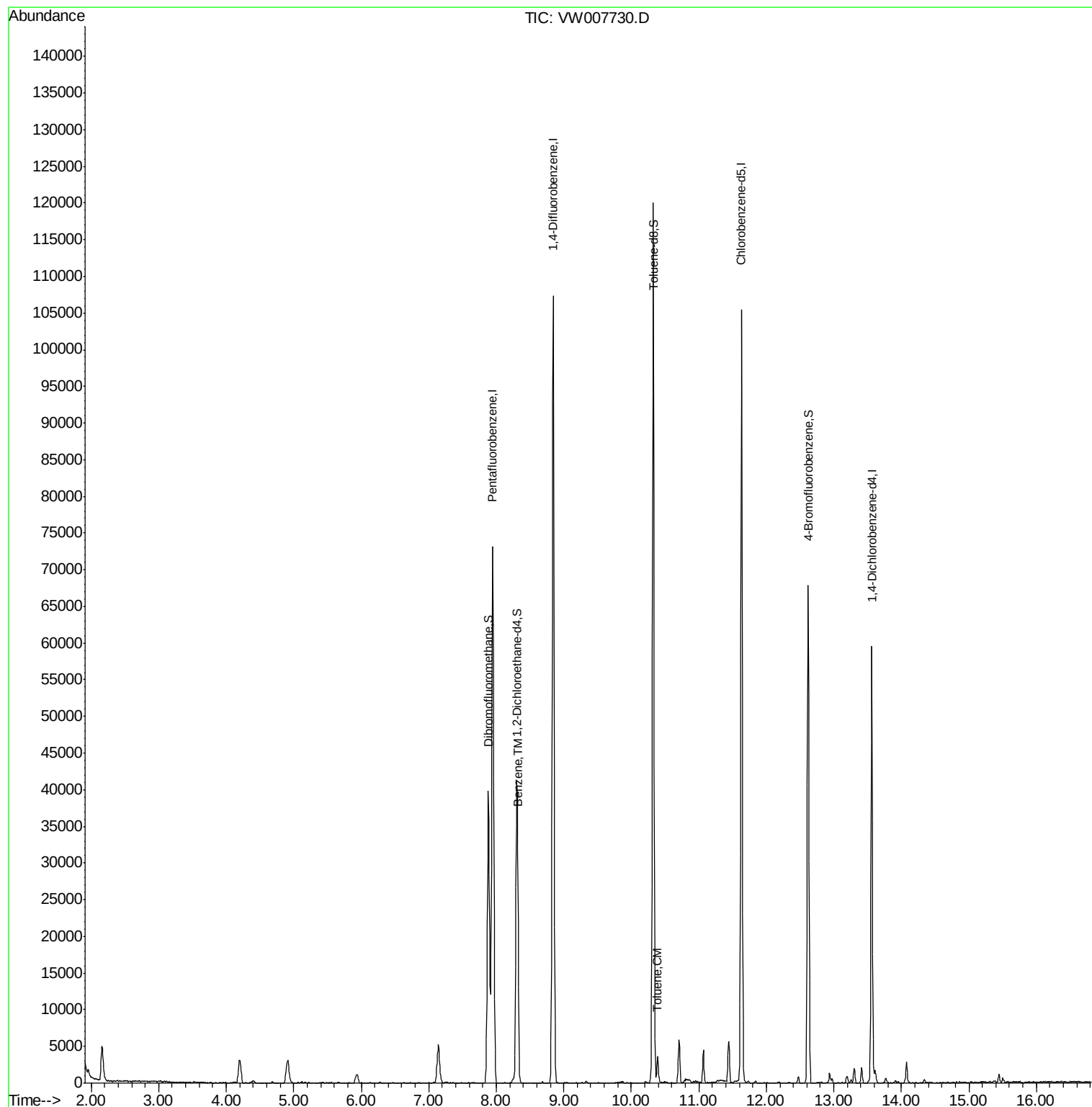
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	89375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	60229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33506	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	28620	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	10.32	98	79816	38.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.66%	
62) 4-Bromofluorobenzene	12.62	95	20267	25.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.04%	
Target Compounds						
40) Benzene	8.32	78	2384	1.036	ug/l	92
52) Toluene	10.39	92	1666	1.079	ug/l	97

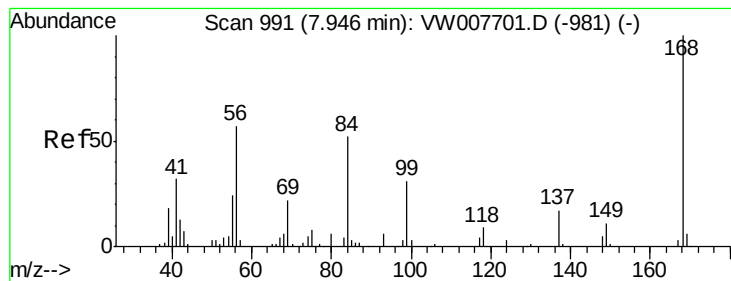
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 20 Dec 2018 06:49

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MSVOA_W

ClientSampleId :

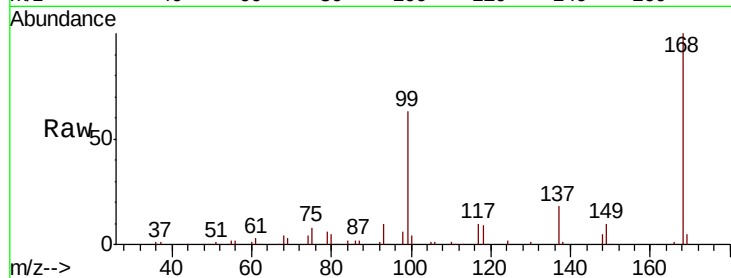
P001-SS004-0006-01RE

Tot Ion:168 Resp: 54531

Ion Ratio Lower Upper

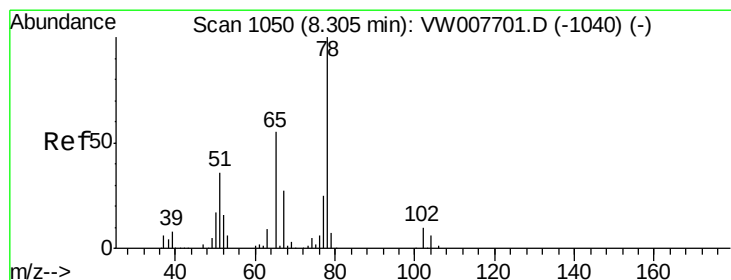
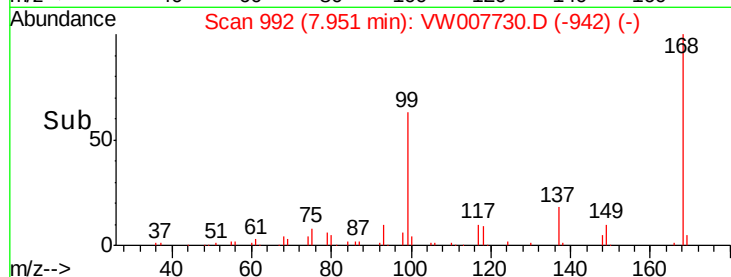
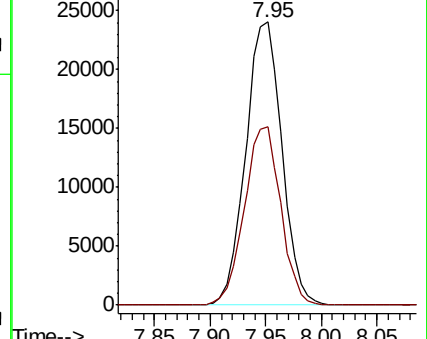
168 100

99 63.1 54.0 81.0



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: 56.060 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007730.D

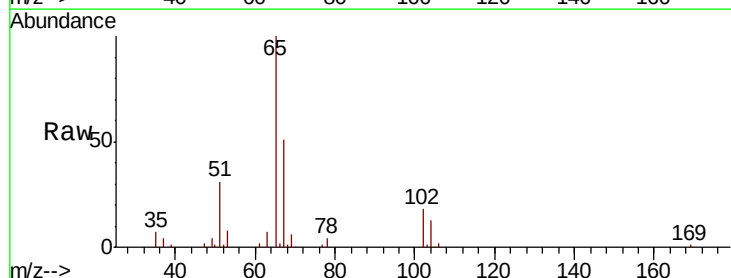
Acq: 20 Dec 2018 06:49

Tgt Ion: 65 Resp: 33506

Ion Ratio Lower Upper

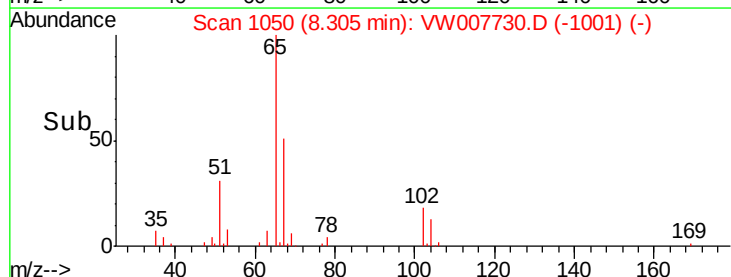
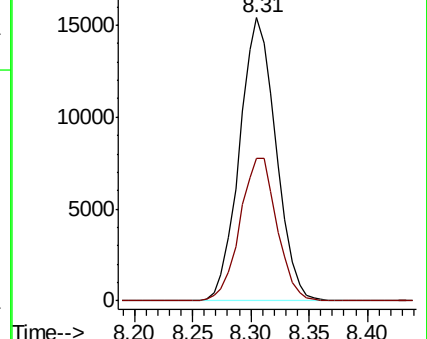
65 100

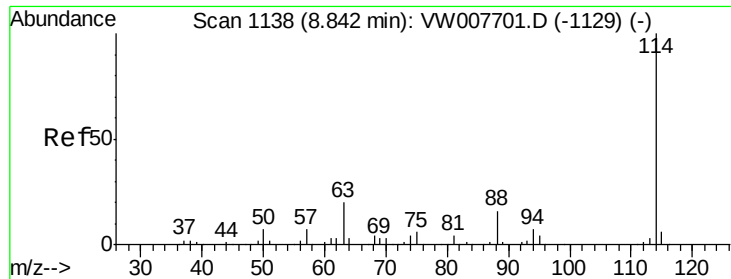
67 51.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

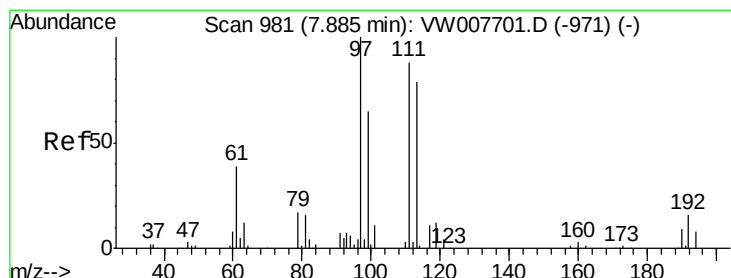
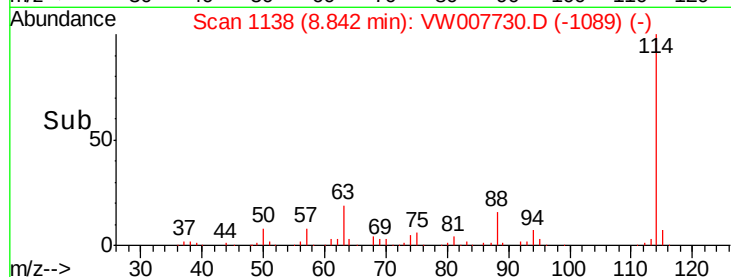
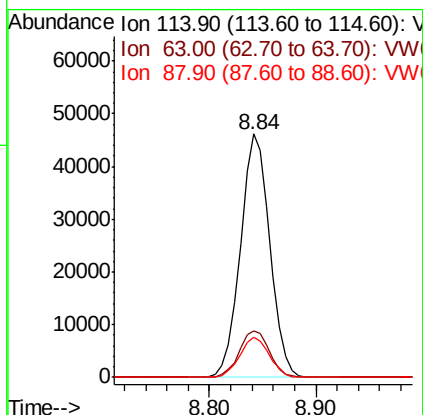
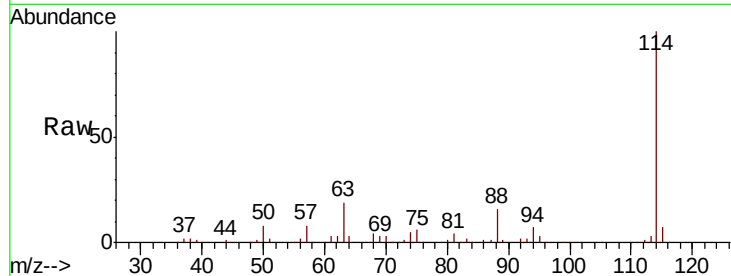




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007730.D
 Acq: 20 Dec 2018 06:49

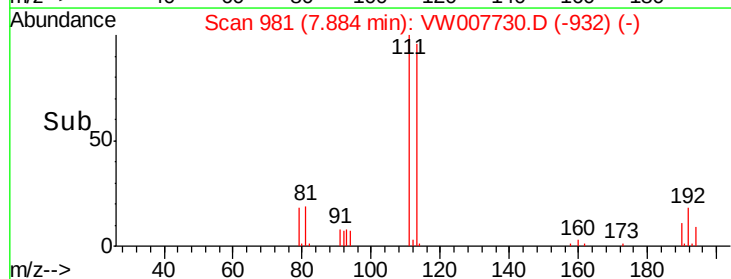
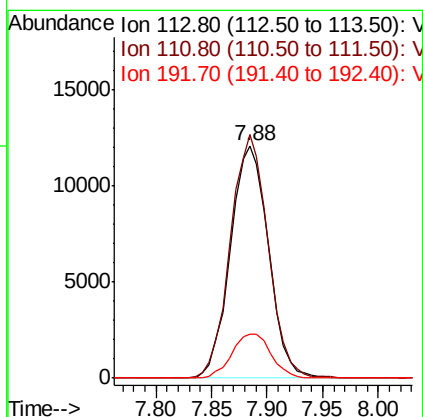
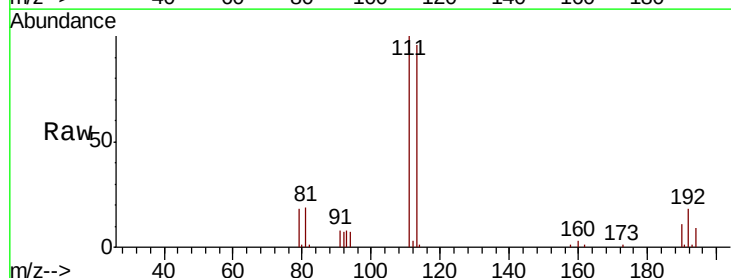
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS004-0006-01RE

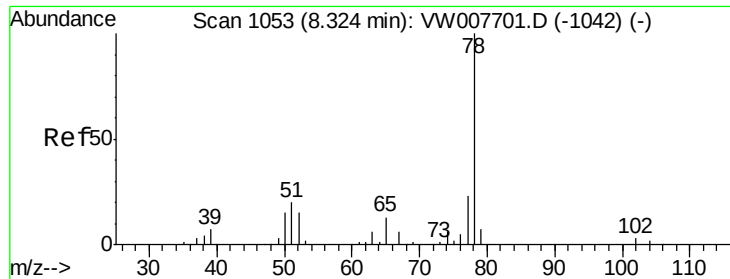
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	16.3	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.491 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007730.D
 Acq: 20 Dec 2018 06:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	19.3	15.5	23.3





#40

Benzene

Concen: 1.036 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007730.D

Acq: 20 Dec 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

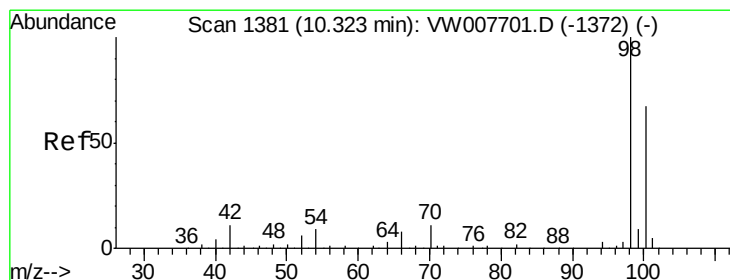
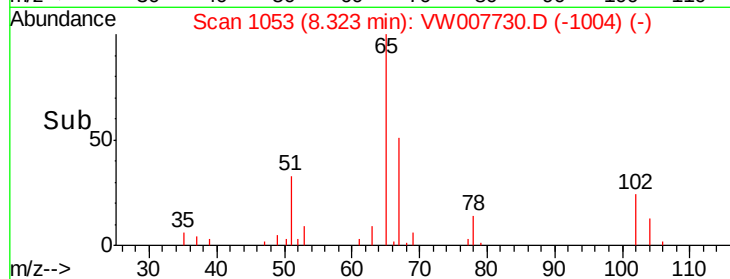
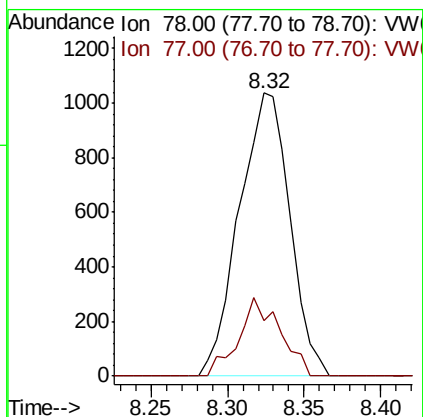
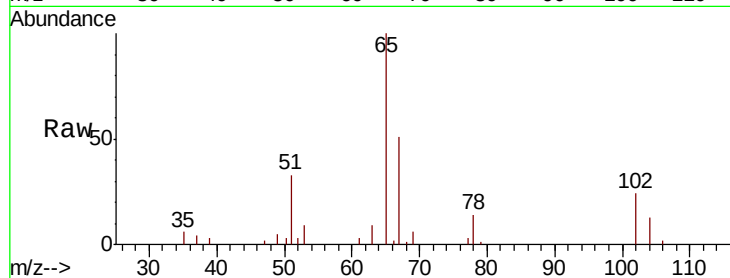
P001-SS004-0006-01RE

Tot Ion: 78 Resp: 2384

Ion Ratio Lower Upper

78 100

77 19.7 18.7 28.1



#50

Toluene-d8

Concen: 38.831 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007730.D

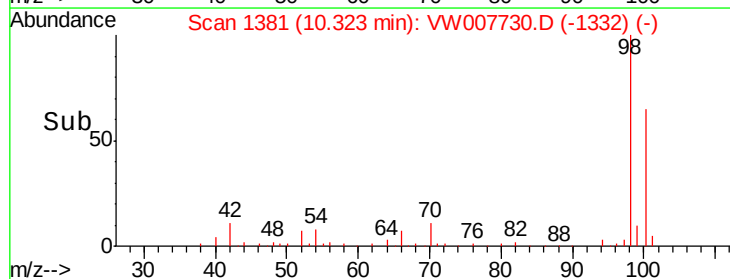
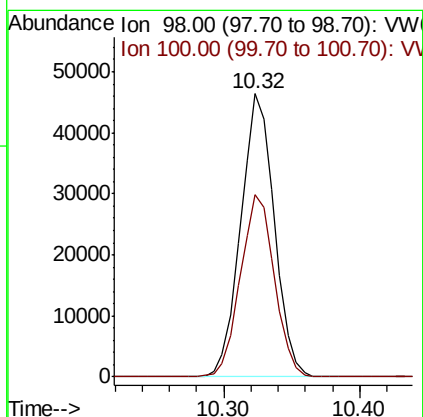
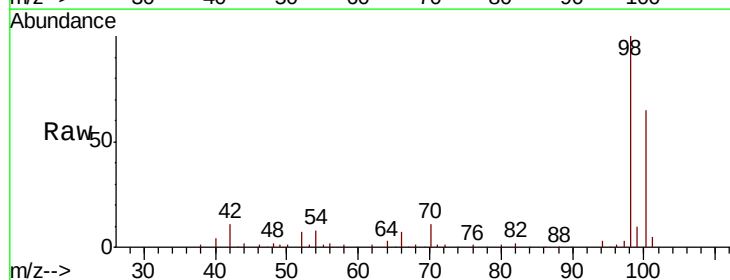
Acq: 20 Dec 2018 06:49

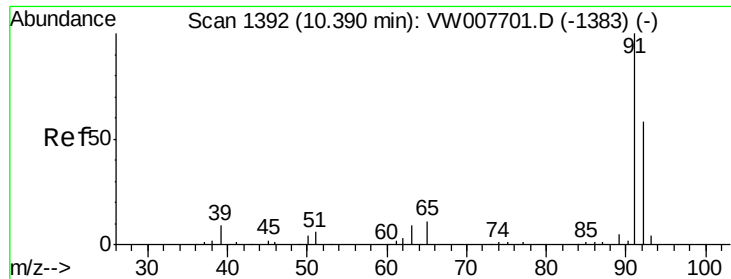
Tgt Ion: 98 Resp: 79816

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2





#52

Toluene

Concen: 1.079 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007730.D

Acq: 20 Dec 2018 06:49

Instrument :

MSVOA_W

ClientSampleId :

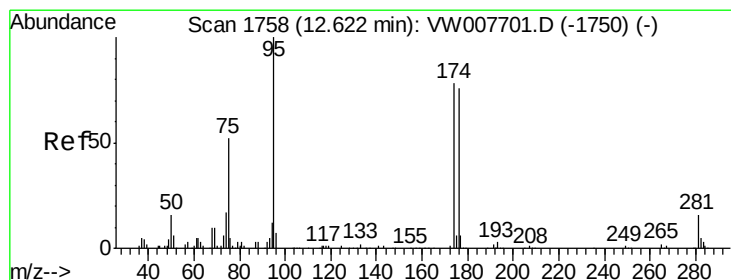
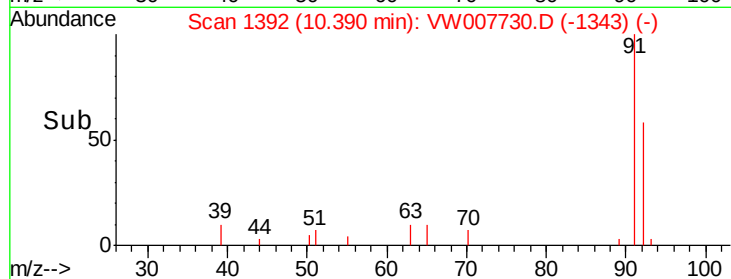
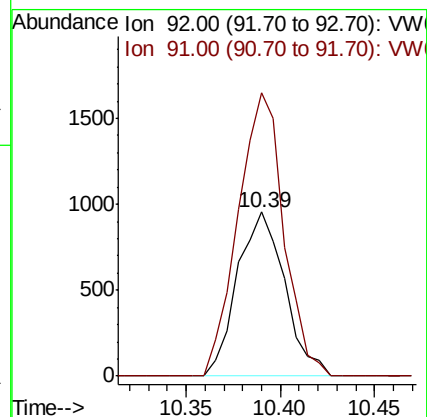
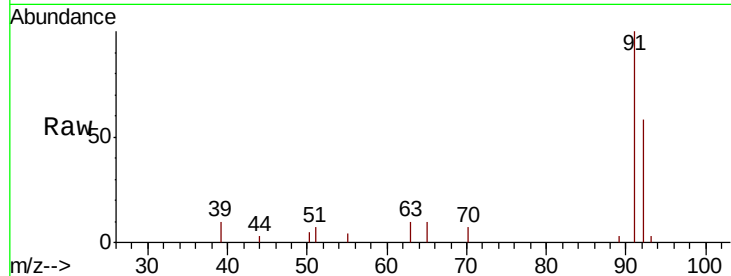
P001-SS004-0006-01RE

Tot Ion: 92 Resp: 1666

Ion Ratio Lower Upper

92 100

91 166.4 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 25.523 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007730.D

Acq: 20 Dec 2018 06:49

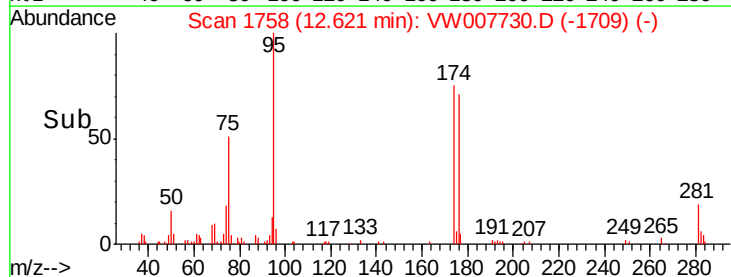
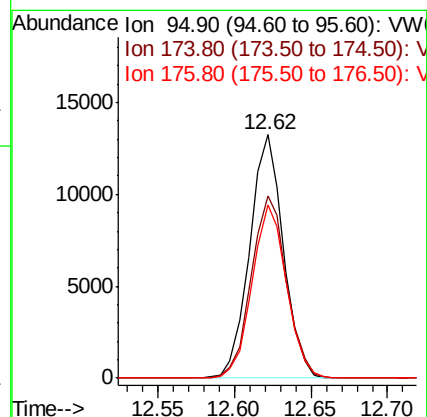
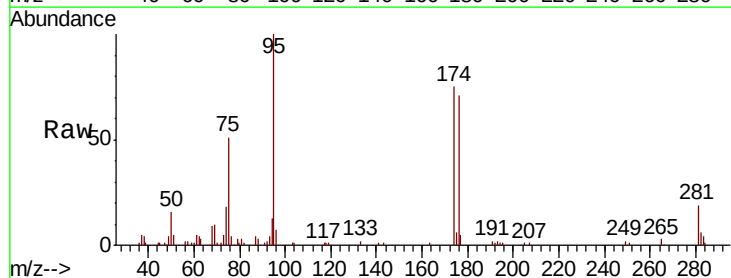
Tgt Ion: 95 Resp: 20267

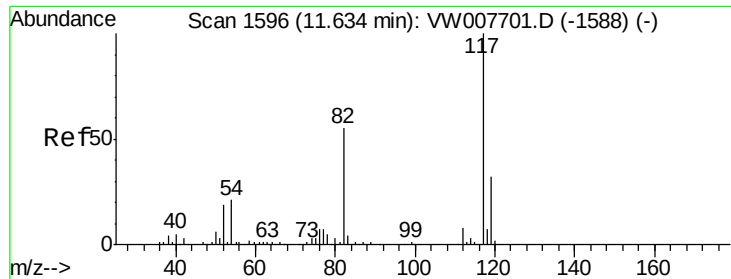
Ion Ratio Lower Upper

95 100

174 78.0 0.0 152.2

176 72.8 0.0 146.8

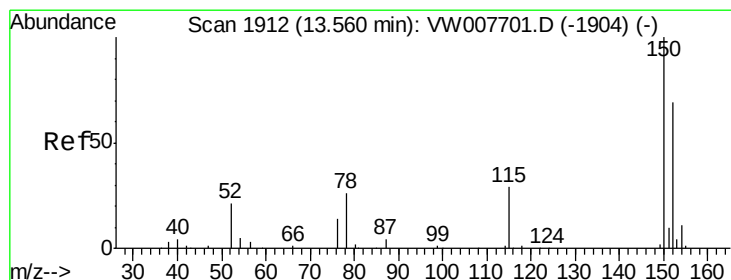
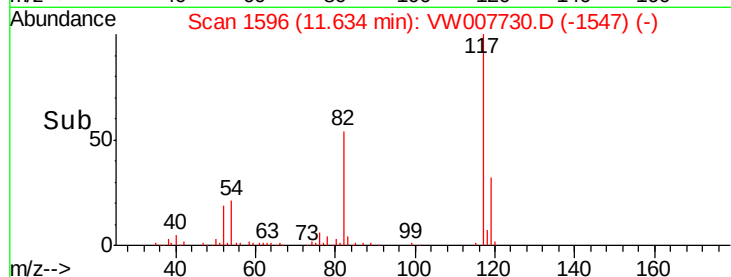
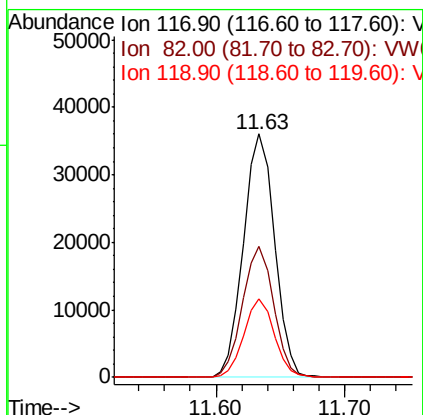
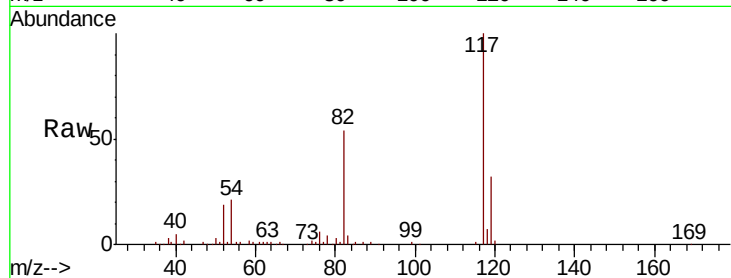




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007730.D
Acq: 20 Dec 2018 06:49

Instrument :
MSVOA_W
ClientSampleId :
P001-SS004-0006-01RE

Tot Ion:117 Resp: 60229
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007730.D
Acq: 20 Dec 2018 06:49

Tgt Ion:152 Resp: 15842
Ion Ratio Lower Upper
152 100
115 59.8 31.8 95.4
150 156.5 0.0 350.8

