

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004820.D
 Acq On : 21 Aug 2018 05:26
 Operator : SY/AP
 Sample : J4521-13RE
 Misc : 7.00G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12003RE

Quant Time: Aug 21 07:48:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	178830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	139487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	41128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65694	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	7.89	113	65164	57.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.02%	
50) Toluene-d8	10.33	98	180362	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
62) 4-Bromofluorobenzene	12.62	95	45209	28.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.34%	

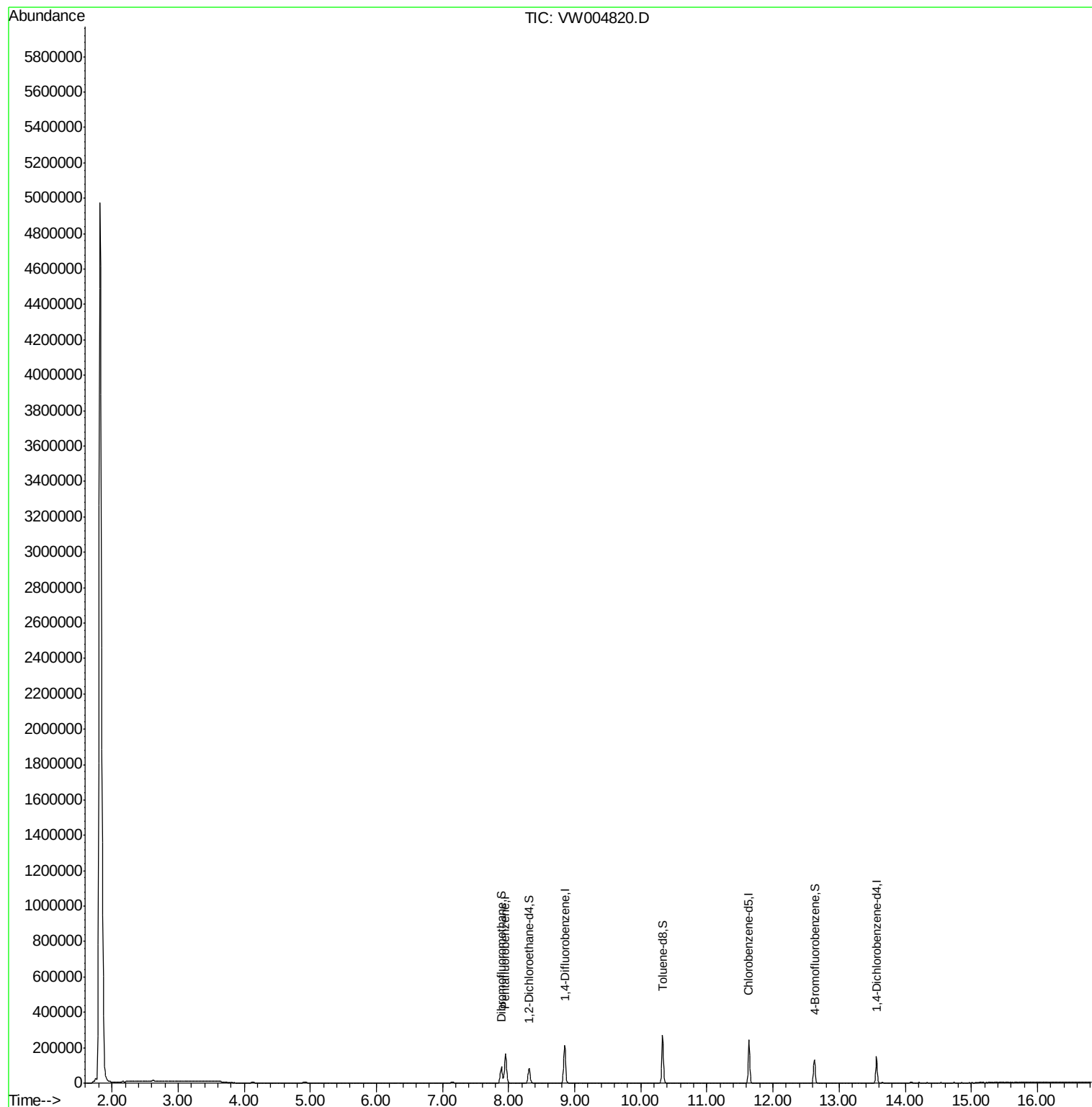
Target Compounds Qvalue

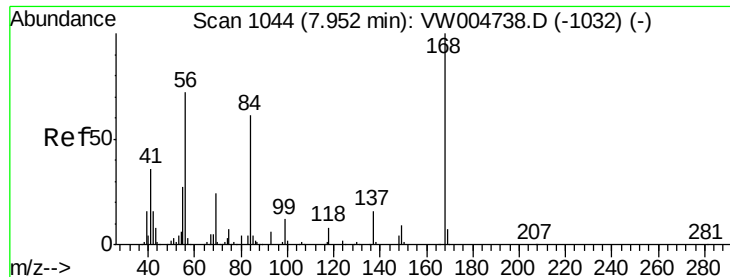
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004820.D

Acq: 21 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampled :

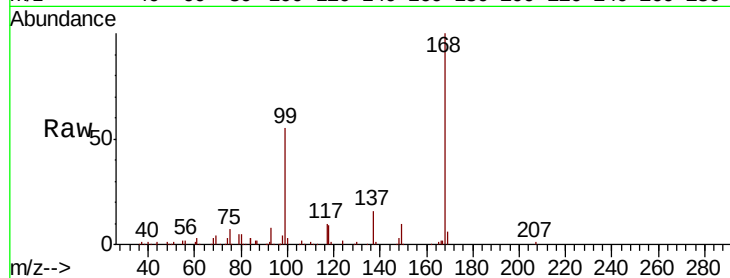
72-12003RE

Tot Ion:168 Resp: 126065

Ion Ratio Lower Upper

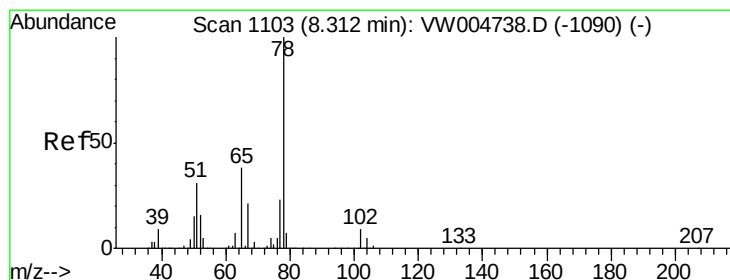
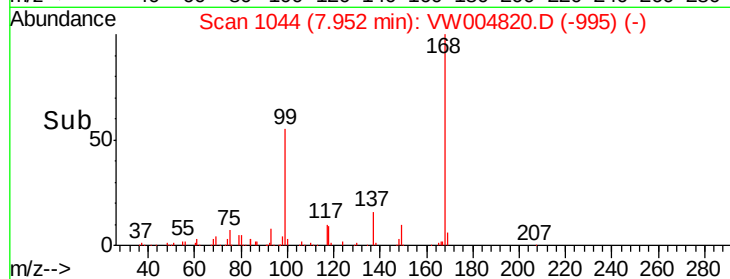
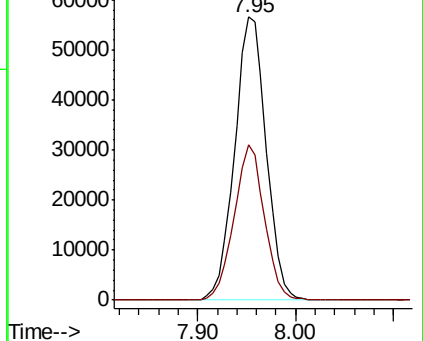
168 100

99 54.9 41.0 61.4



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: 53.90 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004820.D

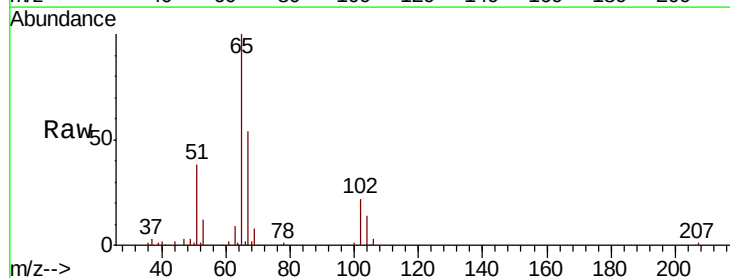
Acq: 21 Aug 2018 05:26

Tgt Ion: 65 Resp: 65694

Ion Ratio Lower Upper

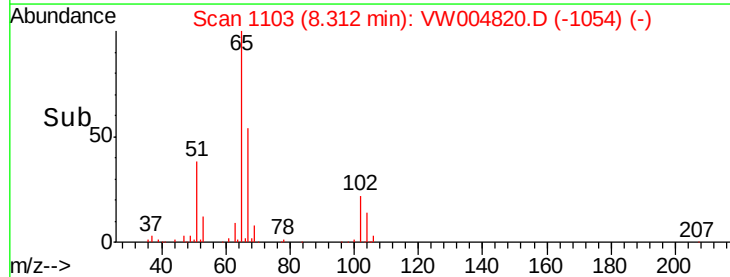
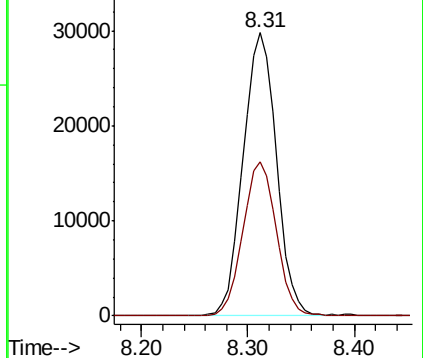
65 100

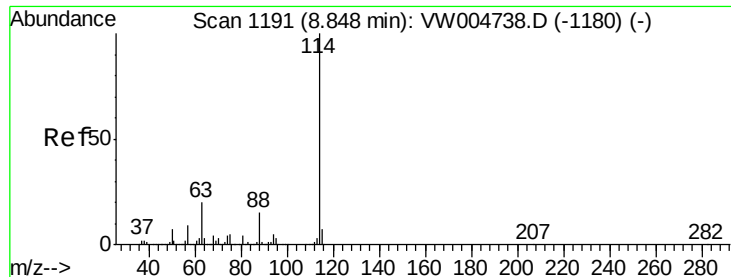
67 54.6 0.0 109.4



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: VW004820.D

Acq: 21 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

72-12003RE

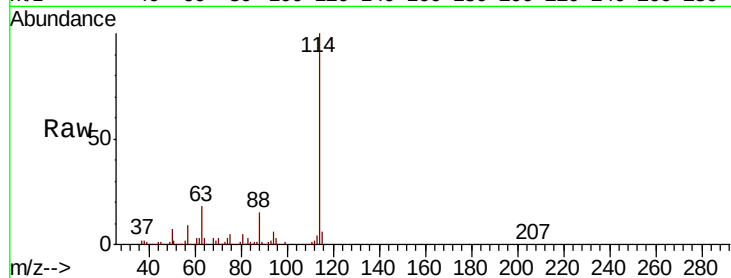
Tot Ion:114 Resp: 178830

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.0

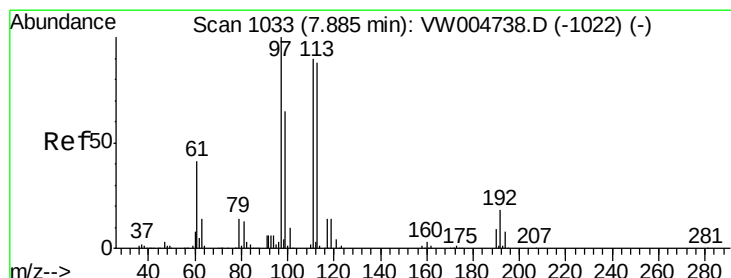
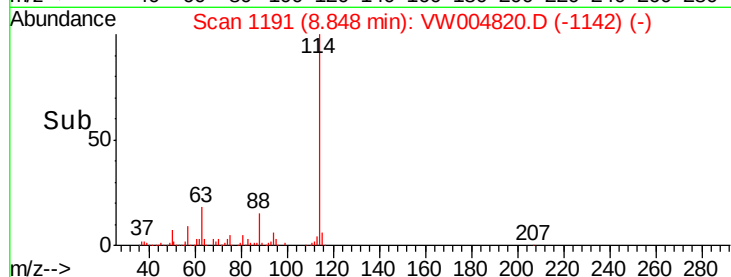
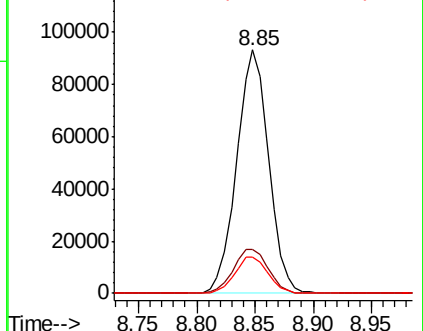
88 14.8 0.0 30.0



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: 57.01 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004820.D

Acq: 21 Aug 2018 05:26

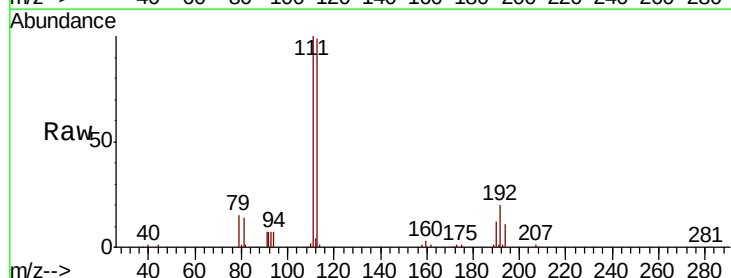
Tgt Ion:113 Resp: 65164

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

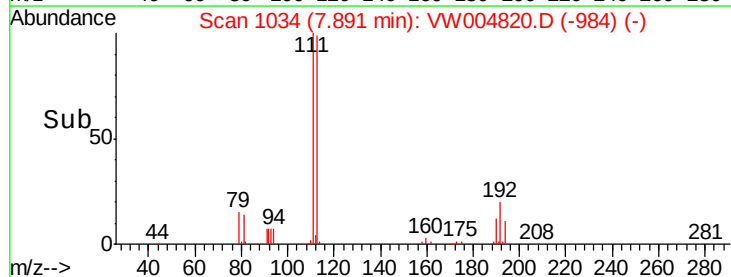
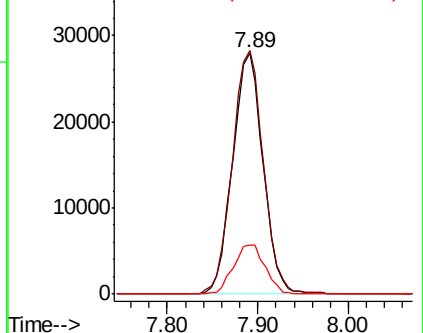
192 21.3 16.7 25.1

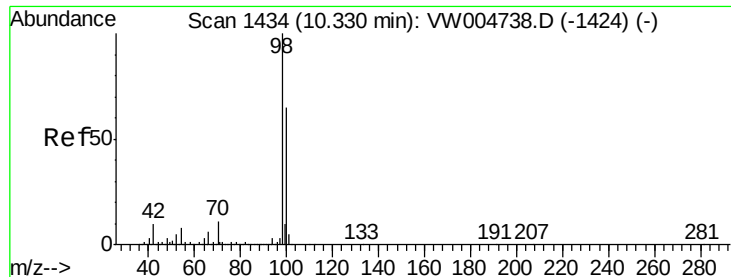


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.42 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004820.D

Acq: 21 Aug 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

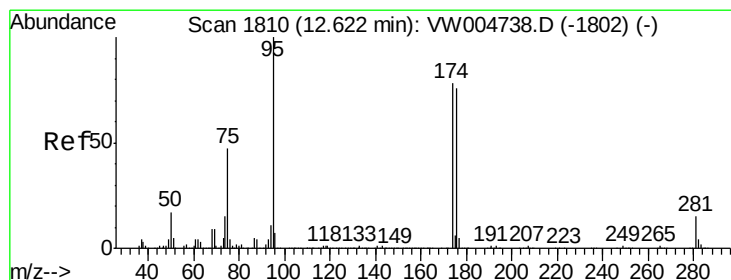
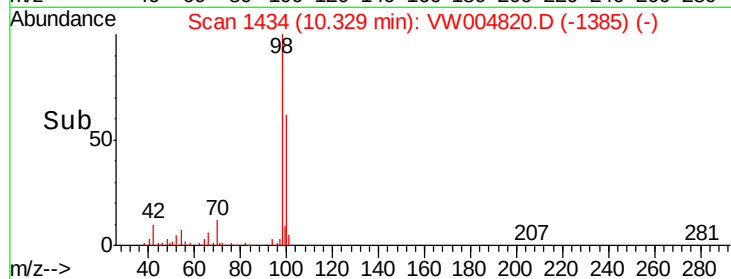
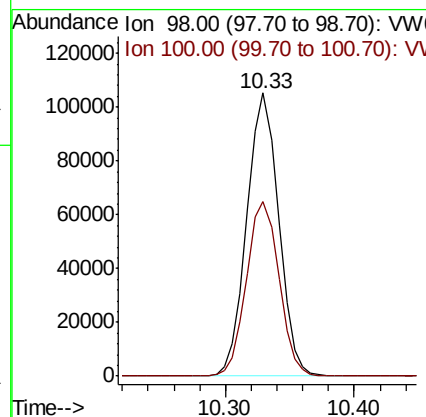
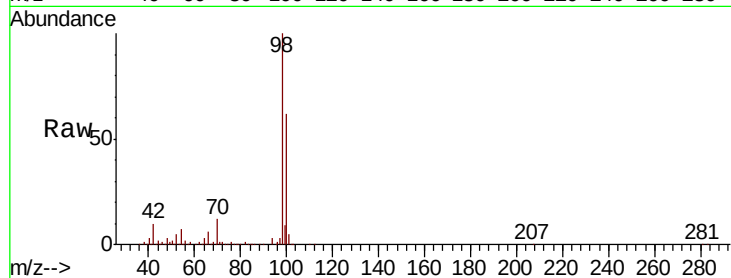
72-12003RE

Tot Ion: 98 Resp: 180362

Ion Ratio Lower Upper

98 100

100 63.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 28.17 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004820.D

Acq: 21 Aug 2018 05:26

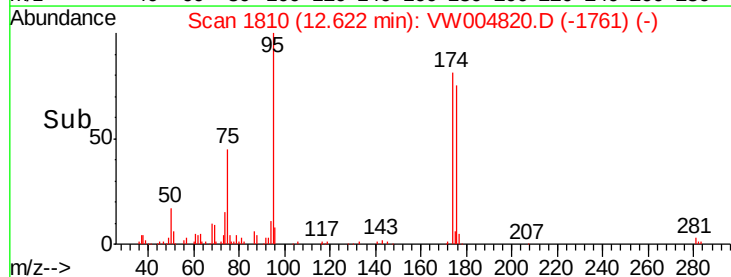
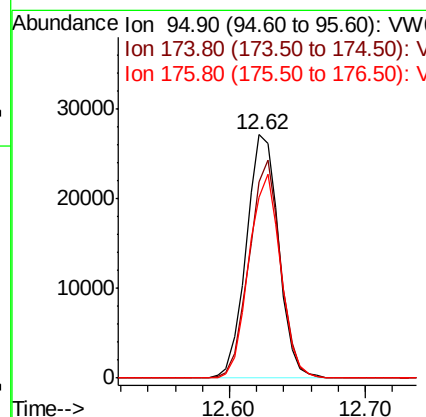
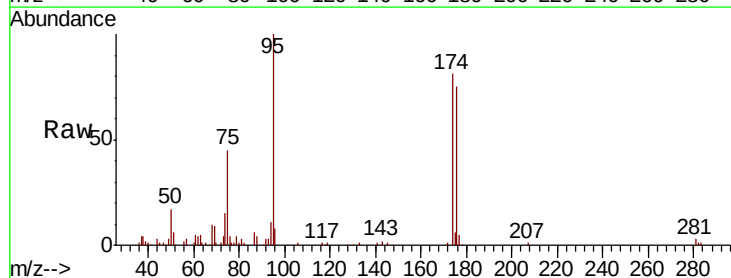
Tgt Ion: 95 Resp: 45209

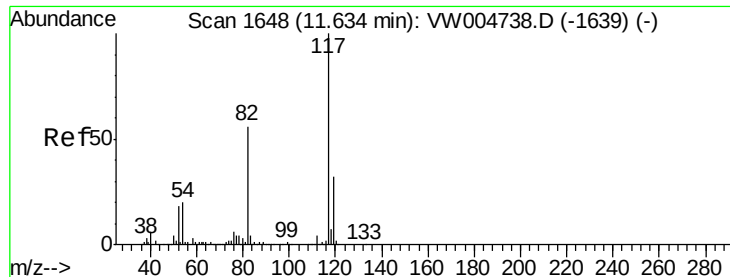
Ion Ratio Lower Upper

95 100

174 86.7 0.0 165.8

176 82.2 0.0 159.8

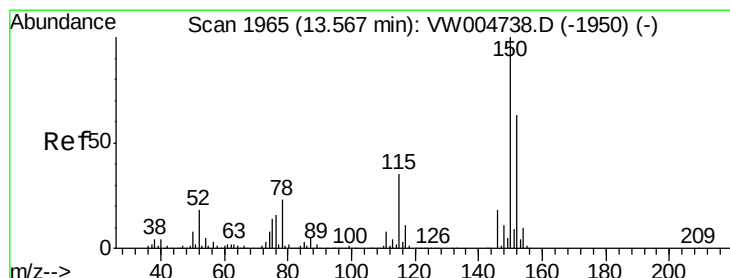
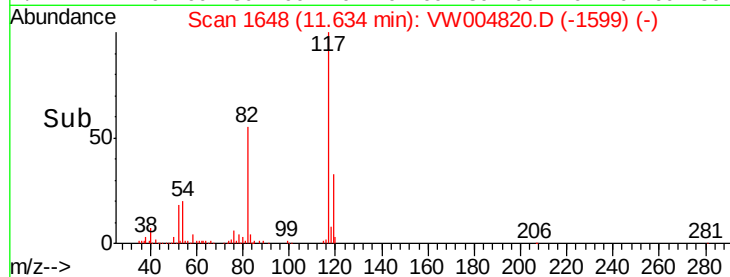
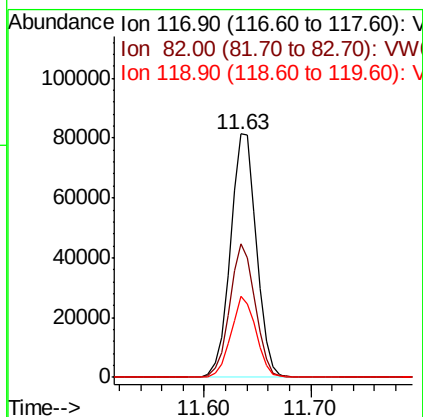
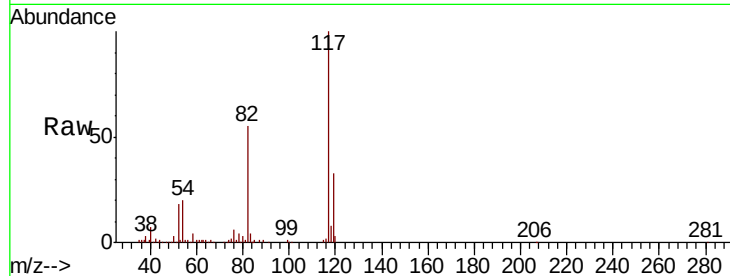




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004820.D
Acq: 21 Aug 2018 05:26

Instrument :
MSVOA_W
ClientSampleId :
72-12003RE

Tot Ion:117 Resp: 139487
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004820.D
Acq: 21 Aug 2018 05:26

Tgt Ion:152 Resp: 41128
Ion Ratio Lower Upper
152 100
115 55.6 28.5 85.5
150 158.0 0.0 344.8

