

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
 Data File : VW006023.D
 Acq On : 11 Oct 2018 11:10
 Operator : VA/AP
 Sample : VW1012SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1012SBL01

Quant Time: Oct 11 16:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171258	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	108062	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	7.88	113	110251	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.32	98	421466	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.62	95	152105	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

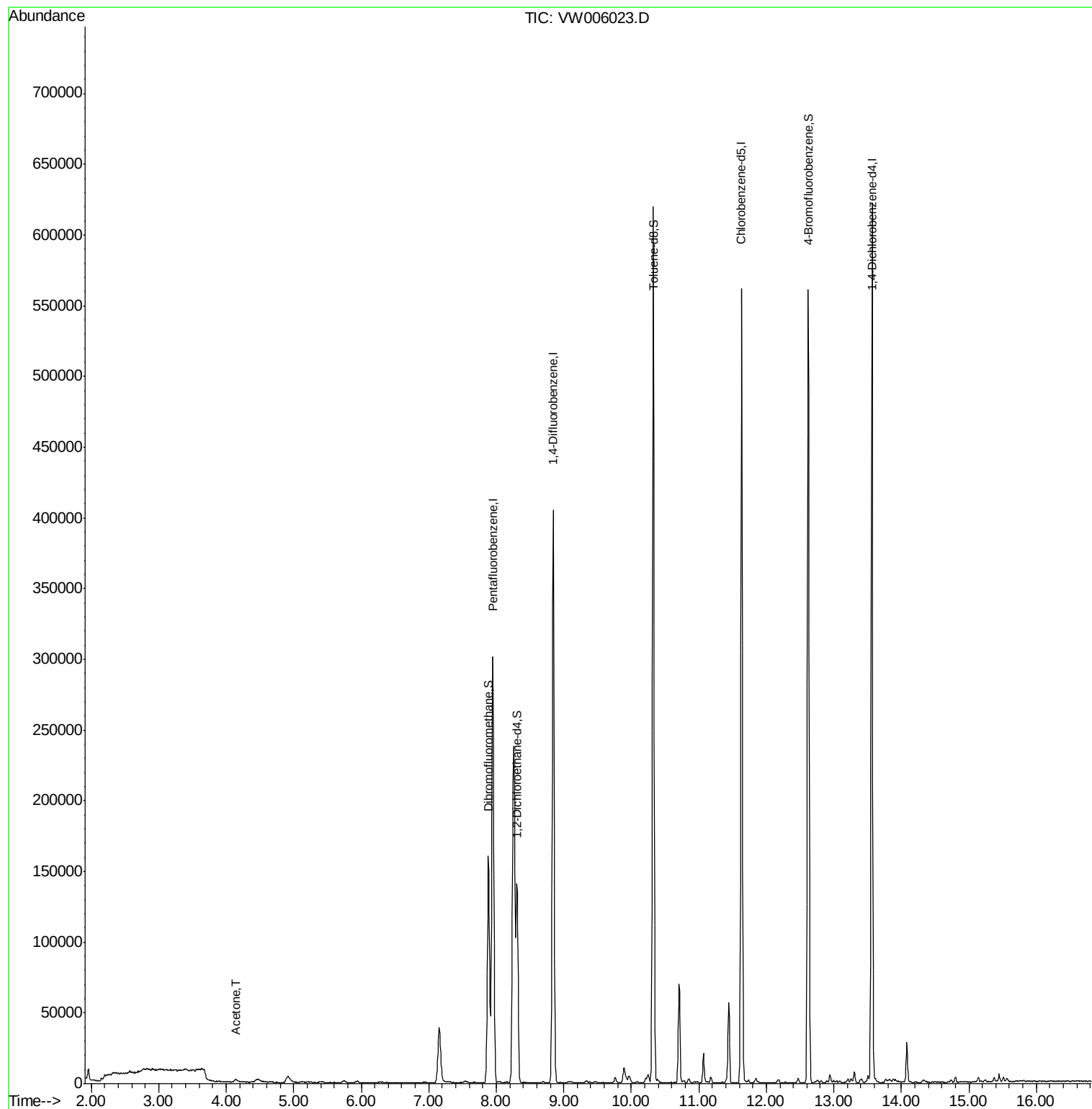
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	4739	9.95	ug/l	97

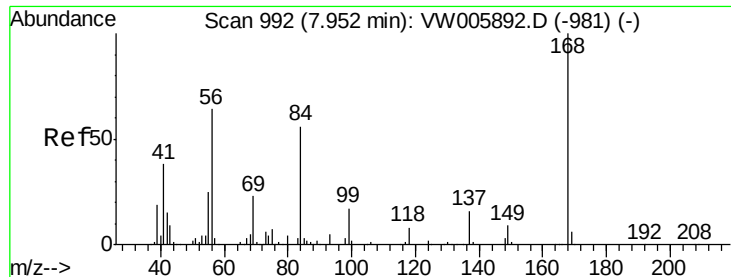
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006023.D

Acq: 11 Oct 2018 11:10

Instrument :

MSVOA_W

ClientSampleId :

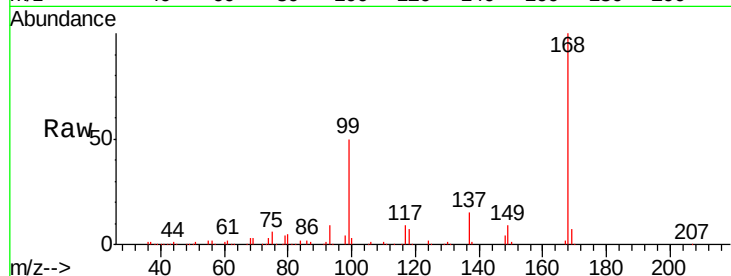
VW1012SBL01

Tgt Ion:168 Resp: 245637

Ion Ratio Lower Upper

168 100

99 50.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

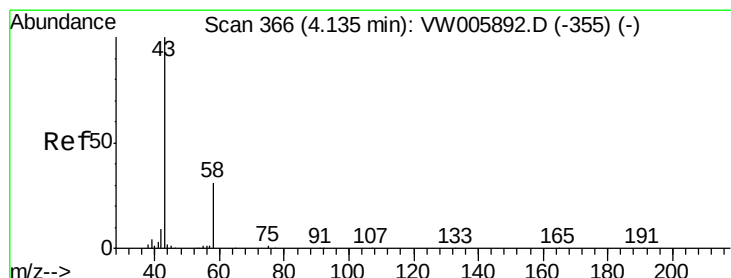
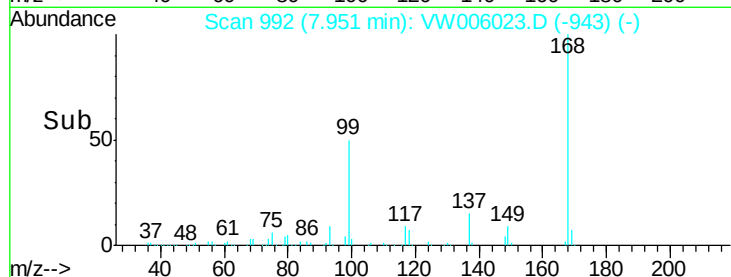
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.95 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW006023.D

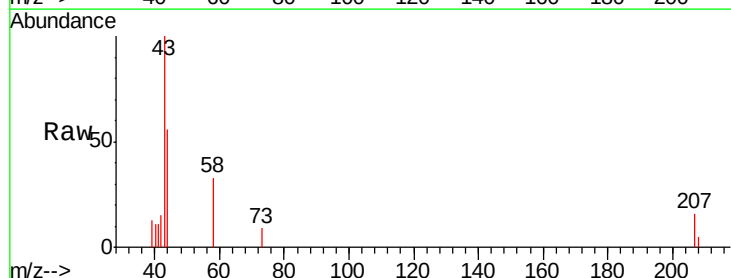
Acq: 11 Oct 2018 11:10

Tgt Ion: 43 Resp: 4739

Ion Ratio Lower Upper

43 100

58 32.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

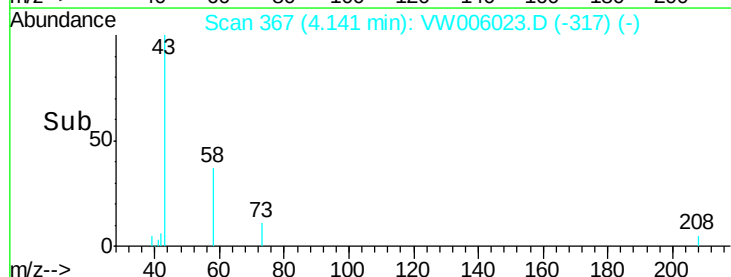
4.14

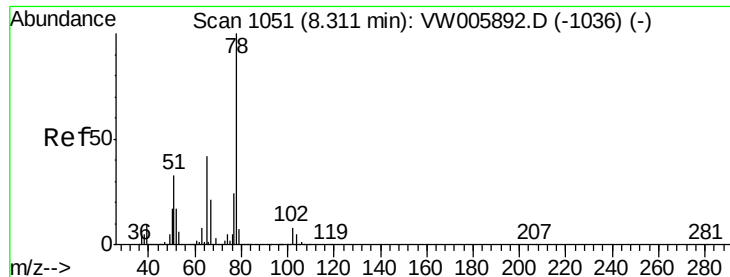
1000

500

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 45.32 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006023.D

Acq: 11 Oct 2018 11:10

Instrument :

MSVOA_W

ClientSampleId :

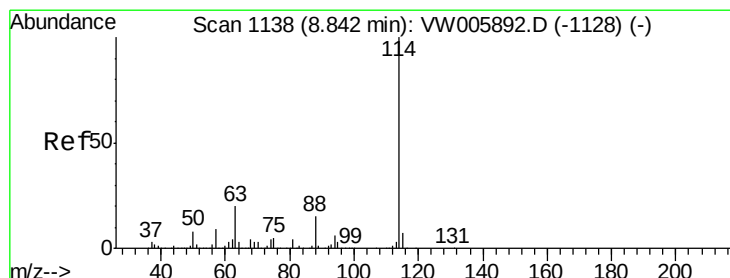
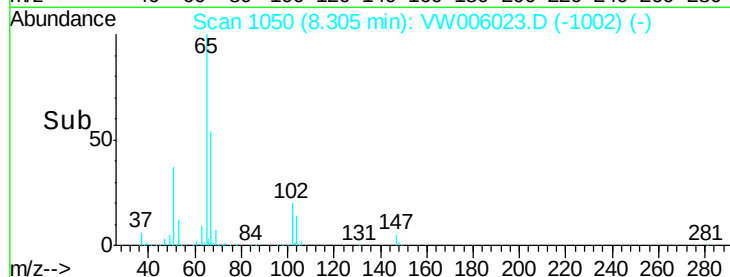
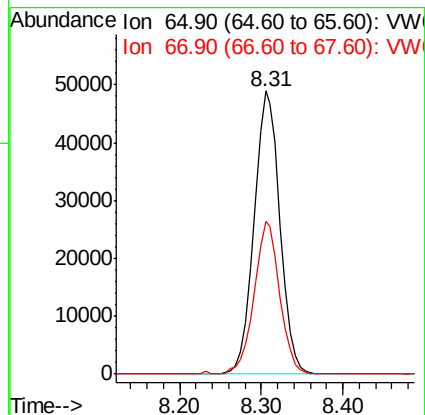
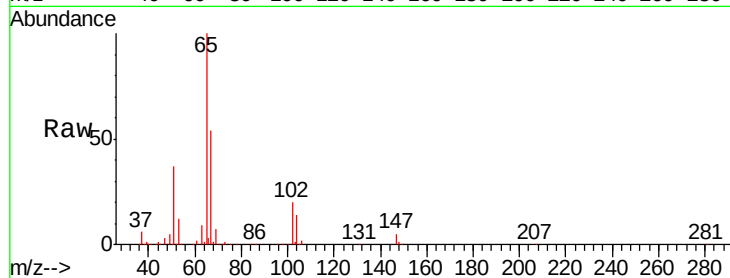
VW1012SBL01

Tgt Ion: 65 Resp: 108062

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW006023.D

Acq: 11 Oct 2018 11:10

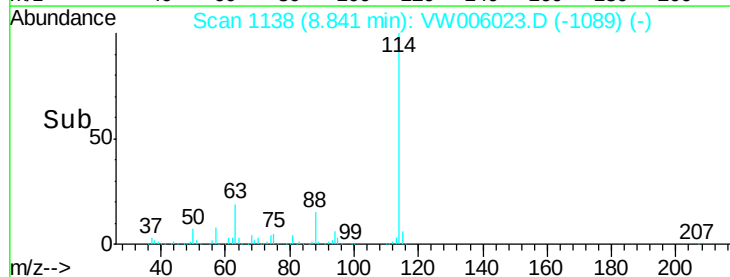
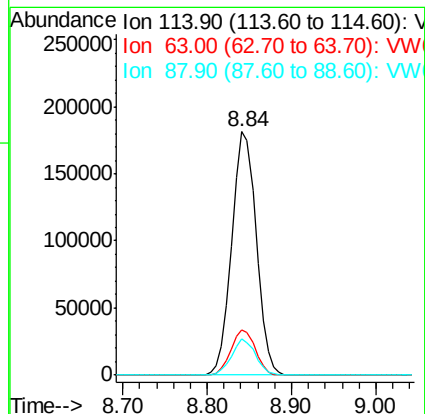
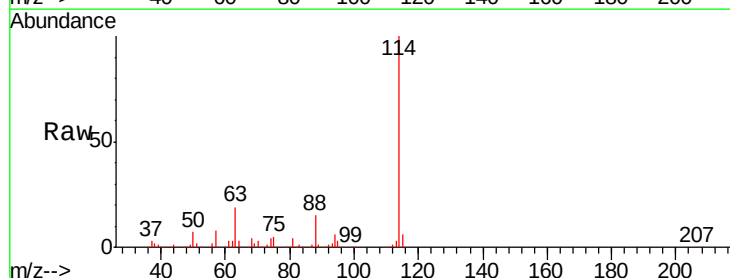
Tgt Ion: 114 Resp: 354424

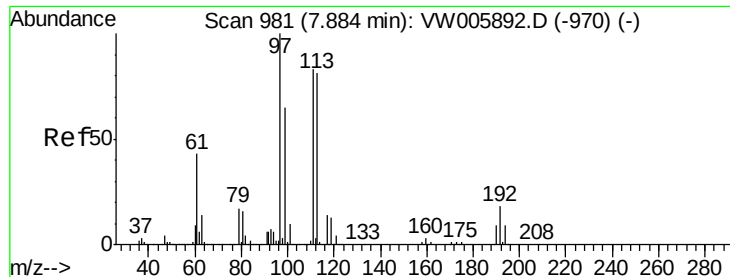
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

88 14.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.72 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006023.D

Acq: 11 Oct 2018 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBL01

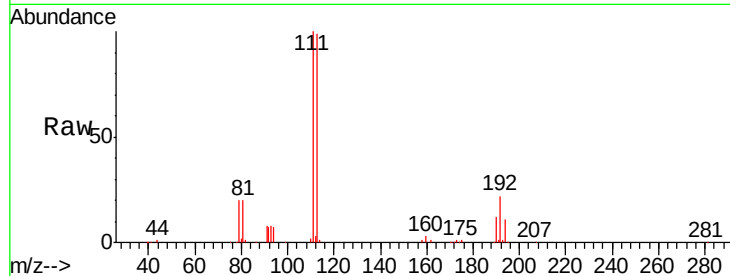
Tgt Ion:113 Resp: 110251

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

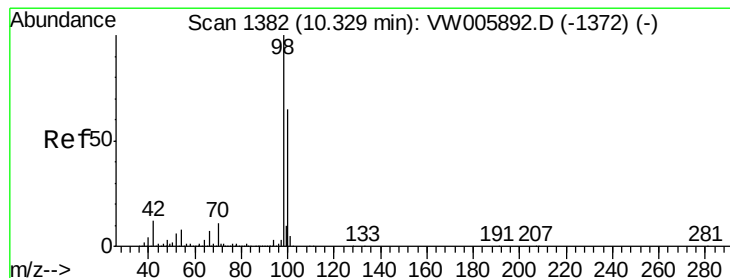
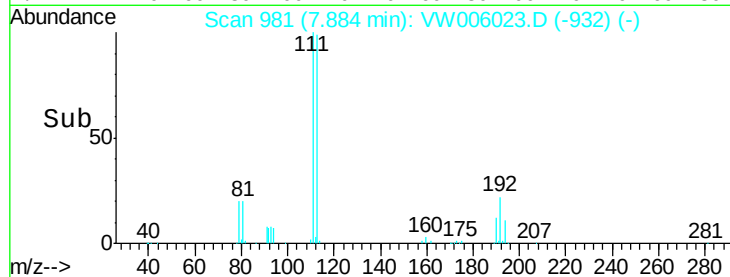
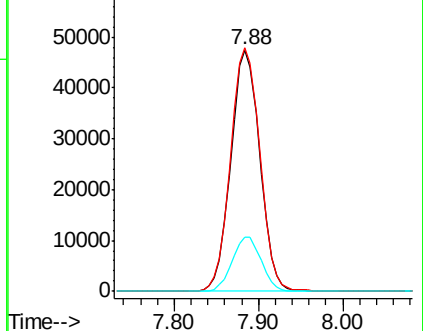
192 22.4 18.3 27.5



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: 48.41 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006023.D

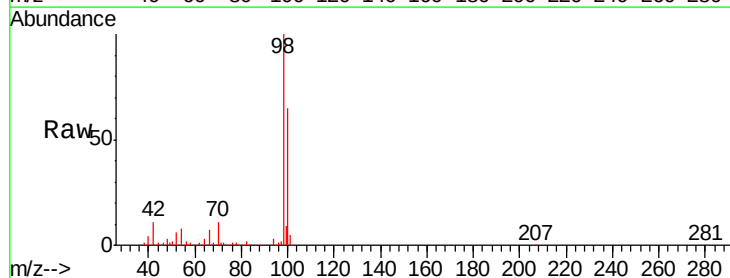
Acq: 11 Oct 2018 11:10

Tgt Ion: 98 Resp: 421466

Ion Ratio Lower Upper

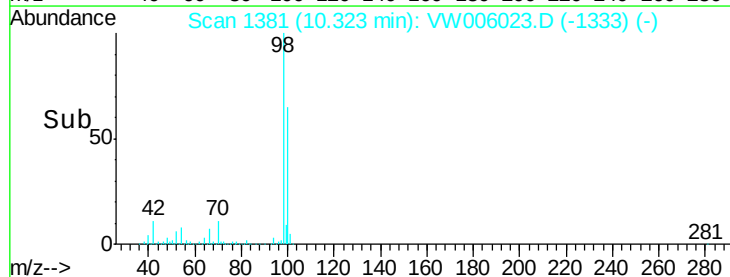
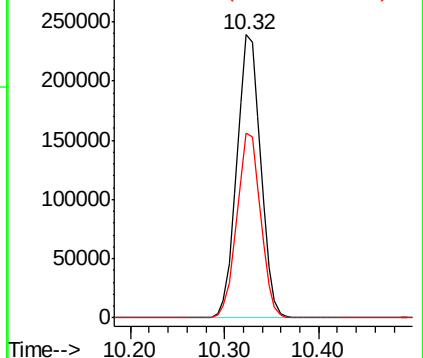
98 100

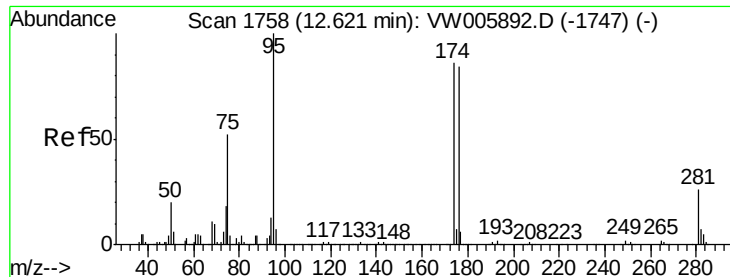
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

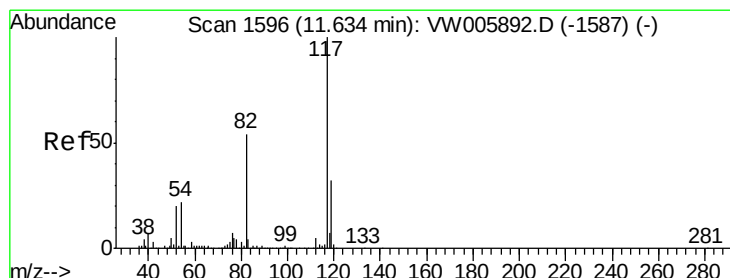
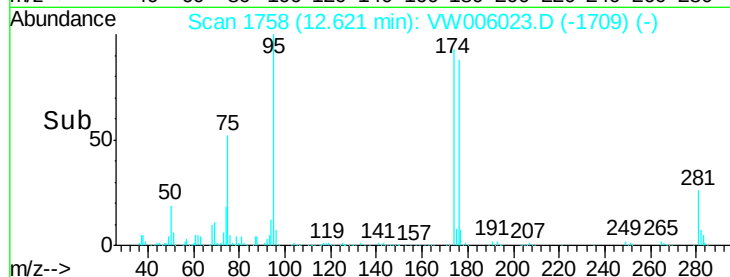
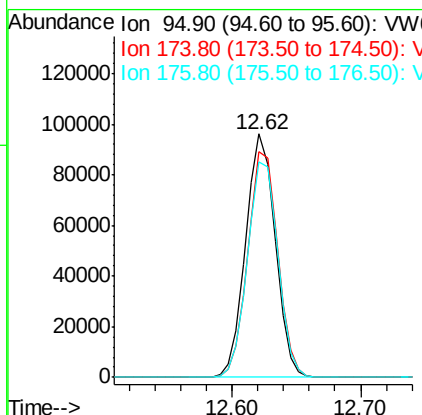
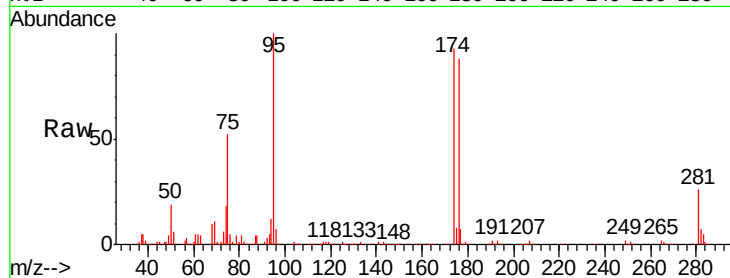




#62
4-Bromofluorobenzene
Concen: 45.92 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006023.D
Acq: 11 Oct 2018 11:10

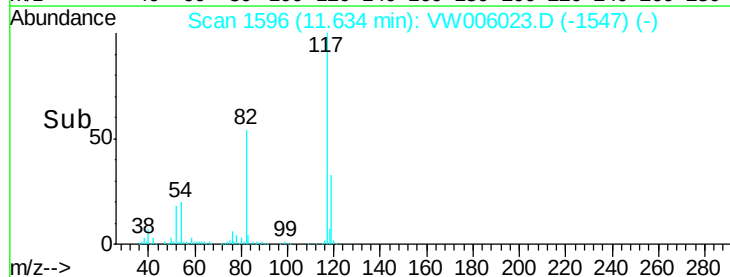
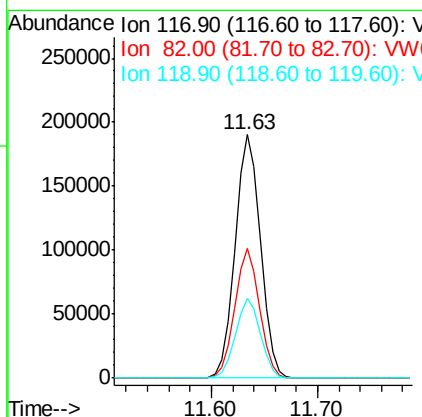
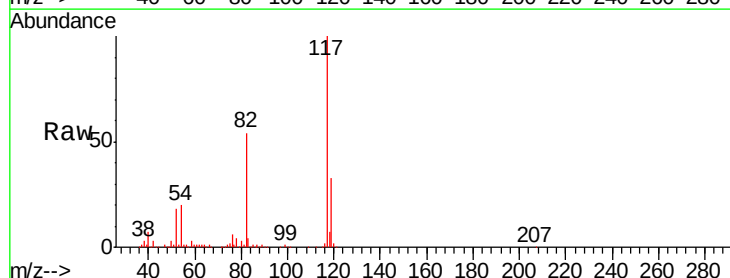
Instrument :
MSVOA_W
ClientSampleId :
VW1012SBL01

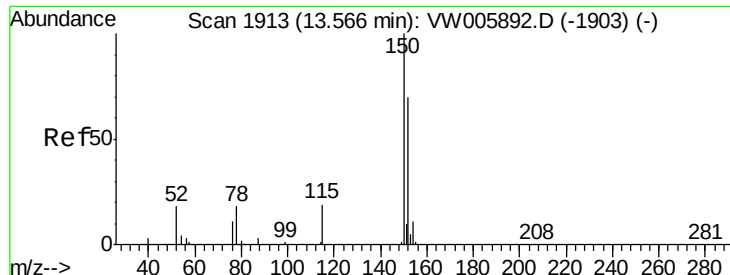
Tgt Ion: 95 Resp: 152105
Ion Ratio Lower Upper
95 100
174 93.7 0.0 176.4
176 91.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006023.D
Acq: 11 Oct 2018 11:10

Tgt Ion: 117 Resp: 318096
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 32.7 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006023.D

Acq: 11 Oct 2018 11:10

Instrument :

MSVOA_W

ClientSampleId :

VW1012SBL01

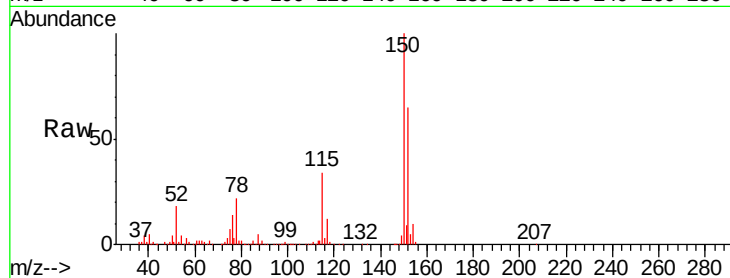
Tgt Ion:152 Resp: 171258

Ion Ratio Lower Upper

152 100

115 55.0 28.3 85.0

150 155.8 0.0 349.2



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

