

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003610.D
 Acq On : 27 Jun 2018 13:48
 Operator : SY/AP
 Sample : J3241-17RE
 Misc : 6.27G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-062218-CRE

Quant Time: Jun 27 14:40:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	252703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	117331	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	78419	43.09	ug/l	0.00
Spiked Amount			Recovery	=	86.18%	
35) Dibromofluoromethane	7.89	113	69580	39.70	ug/l	0.00
Spiked Amount			Recovery	=	79.40%	
50) Toluene-d8	10.33	98	218831	31.49	ug/l	0.00
Spiked Amount			Recovery	=	62.98%	
62) 4-Bromofluorobenzene	12.63	95	81452	33.12	ug/l	0.00
Spiked Amount			Recovery	=	66.24%	

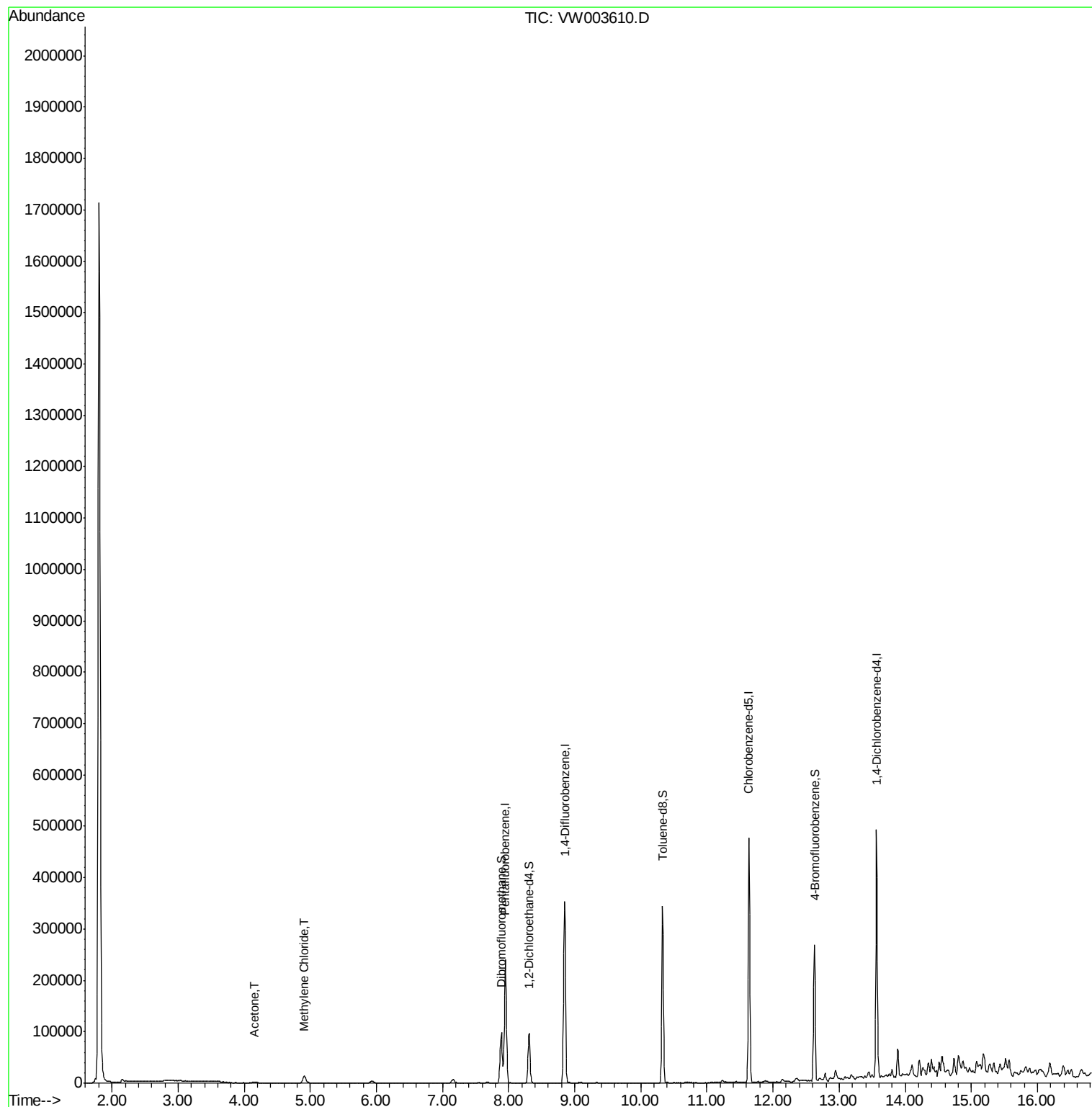
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	3784	9.91	ug/l	# 88
20) Methylene Chloride	4.91	84	10218	2.84	ug/l	92

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

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QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

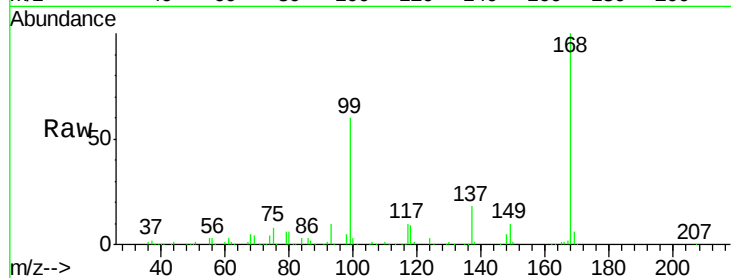
HR-06-062218-CRE

Tot Ion:168 Resp: 168004

Ion Ratio Lower Upper

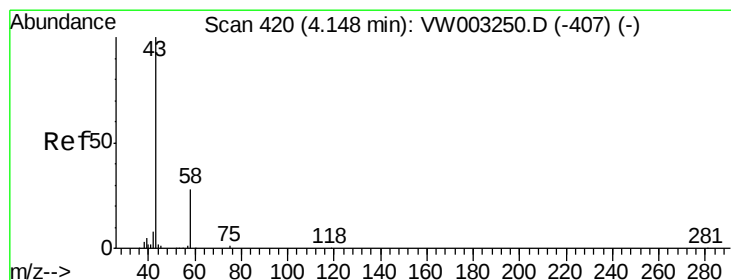
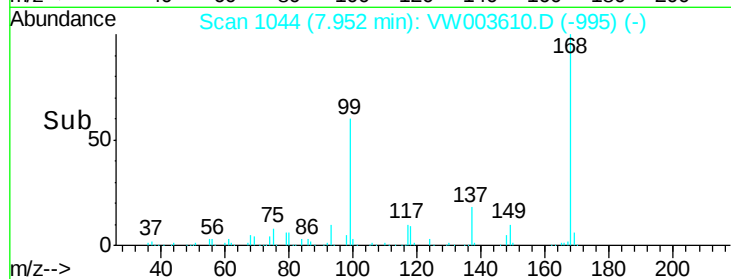
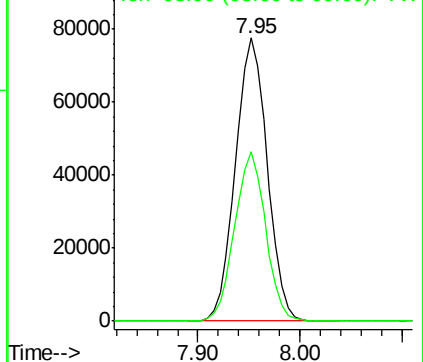
168 100

99 60.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 9.91 ug/l

RT: 4.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VW003610.D

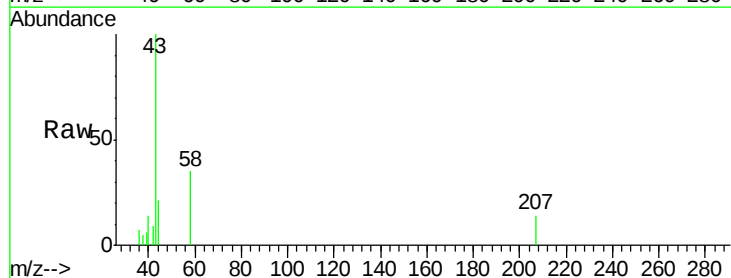
Acq: 27 Jun 2018 13:48

Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

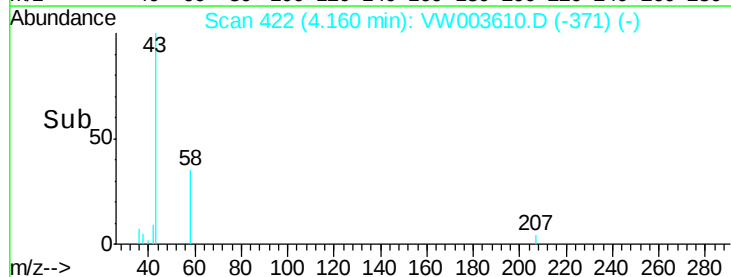
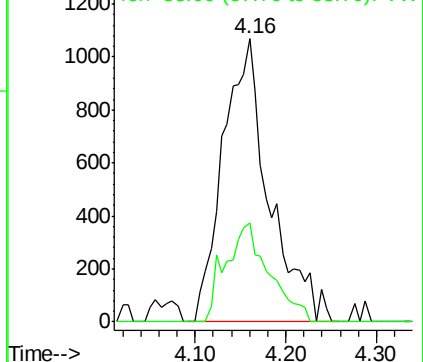
43 100

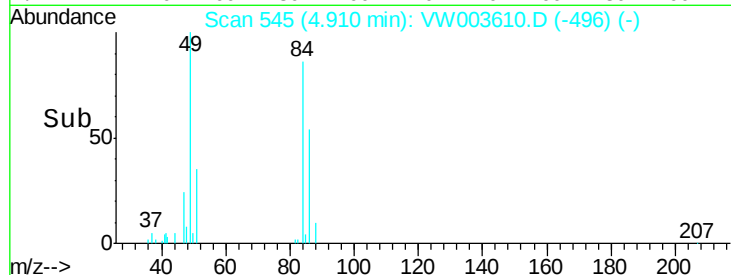
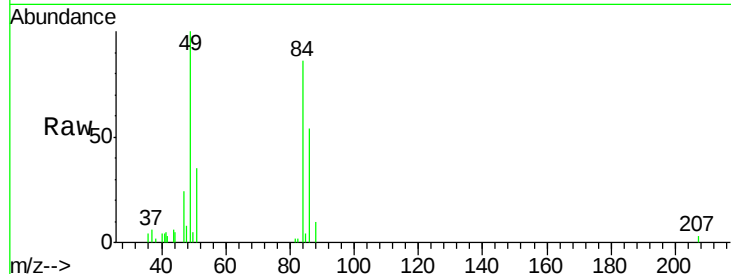
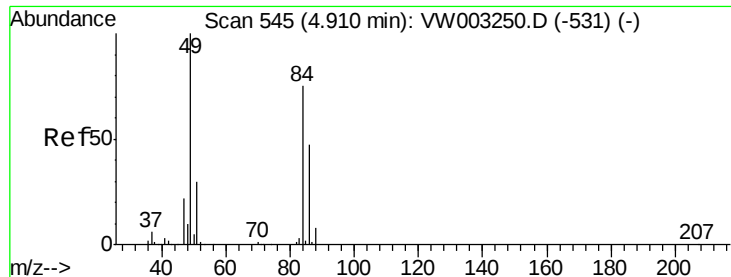
58 34.8 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

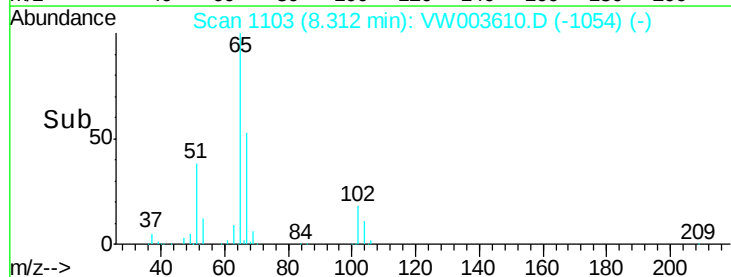
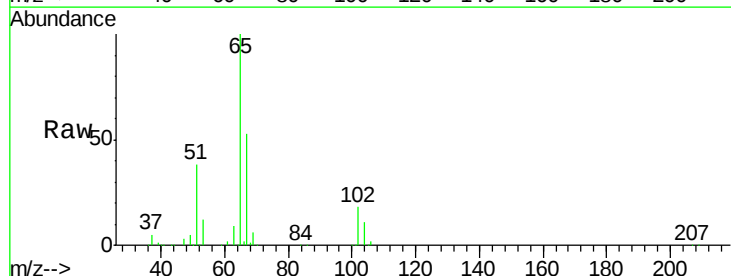
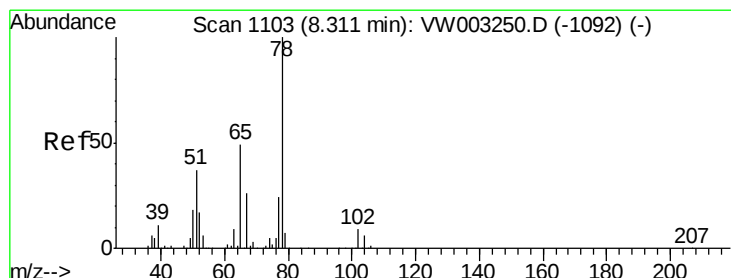
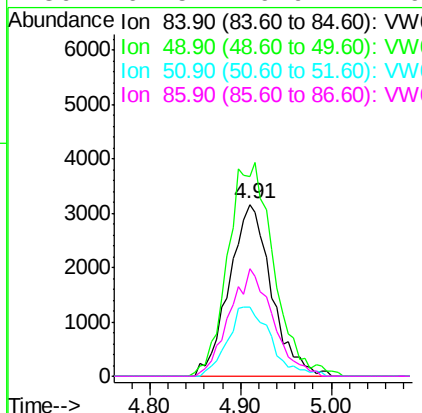




#20
Methvlene Chloride
Concen: 2.84 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

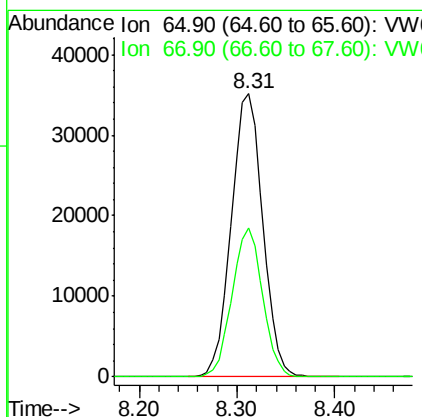
Instrument :
MSVOA_W
ClientSampleId :
HR-06-062218-CRE

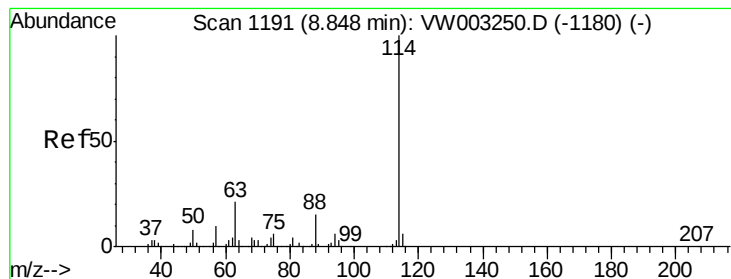
Tot Ion: 84 Resp: 10218
Ion Ratio Lower Upper
84 100
49 116.0 106.3 159.5
51 40.4 32.0 48.0
86 62.5 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 43.09 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion: 65 Resp: 78419
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
HR-06-062218-CRE

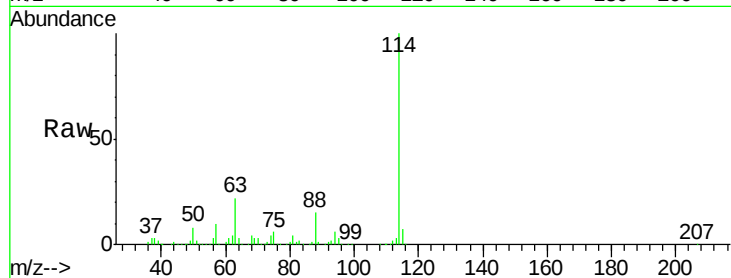
Tot Ion:114 Resp: 282090

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 15.0 0.0 29.6



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

200000

150000

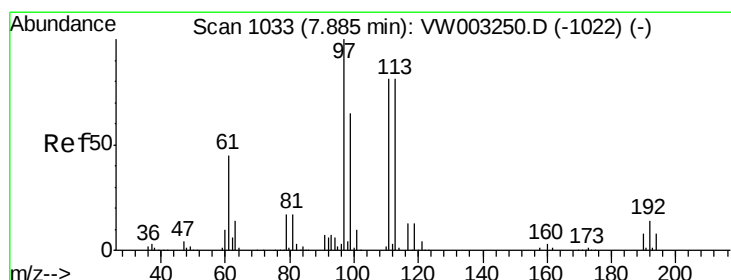
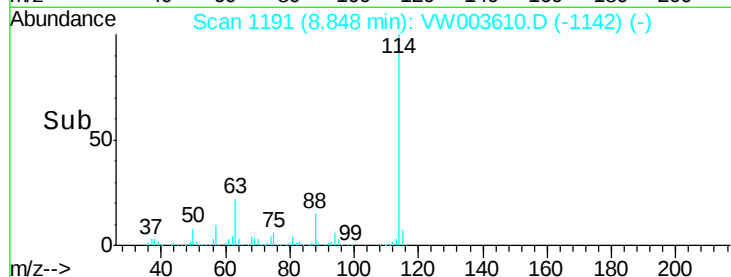
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 39.70 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

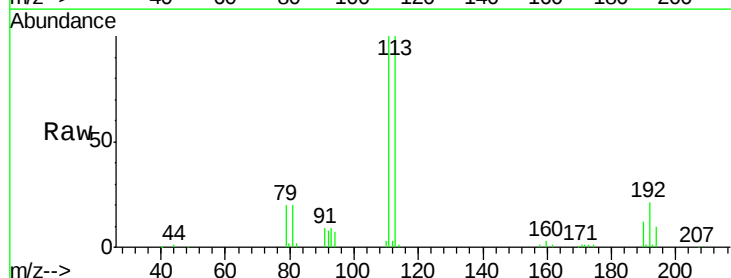
Tgt Ion:113 Resp: 69580

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 19.9 16.2 24.2



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

40000

30000

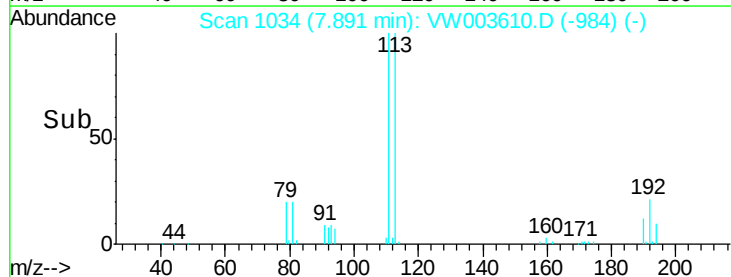
20000

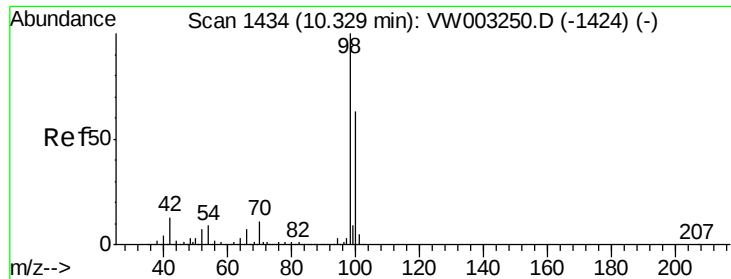
10000

0

7.80 7.90 8.00

Time-->





#50

Toluene-d8

Concen: 31.49 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

Instrument :

MSVOA_W

ClientSampleId :

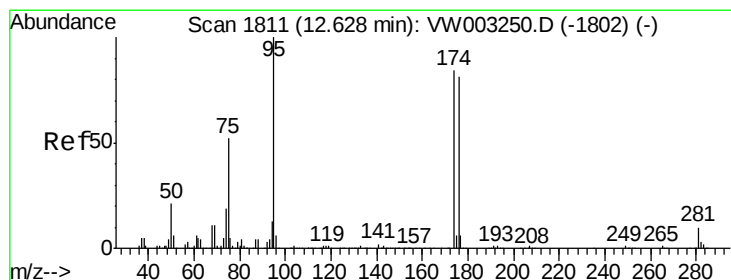
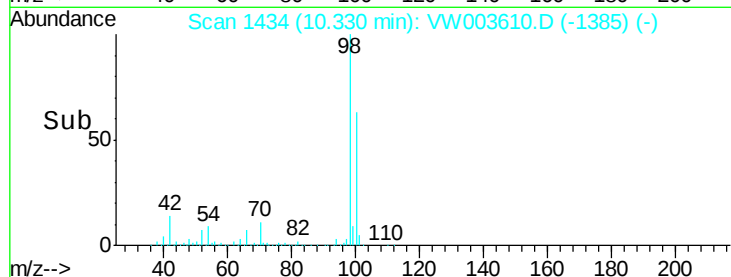
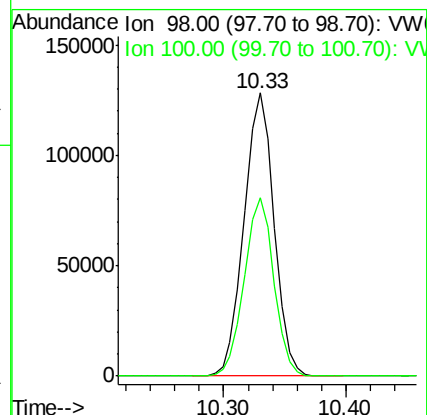
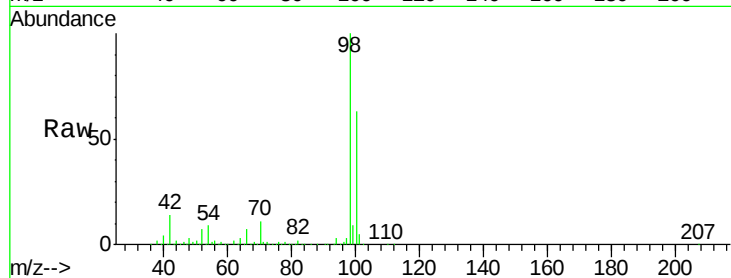
HR-06-062218-CRE

Tot Ion: 98 Resp: 218831

Ion Ratio Lower Upper

98 100

100 62.1 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 33.12 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003610.D

Acq: 27 Jun 2018 13:48

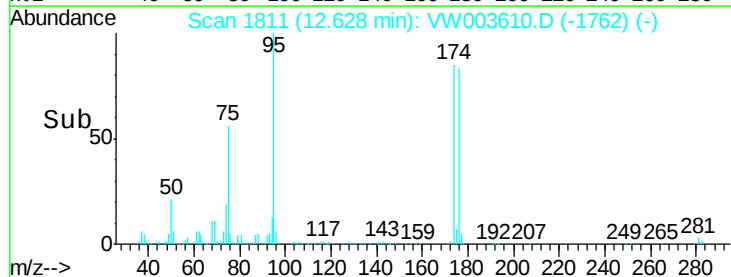
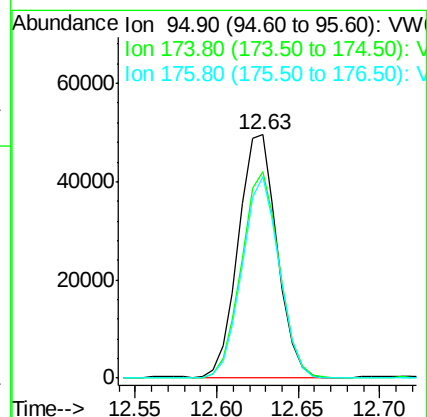
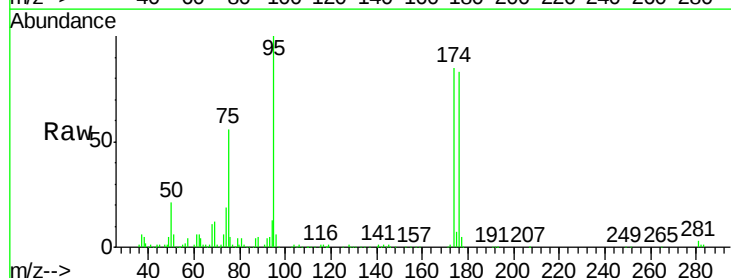
Tgt Ion: 95 Resp: 81452

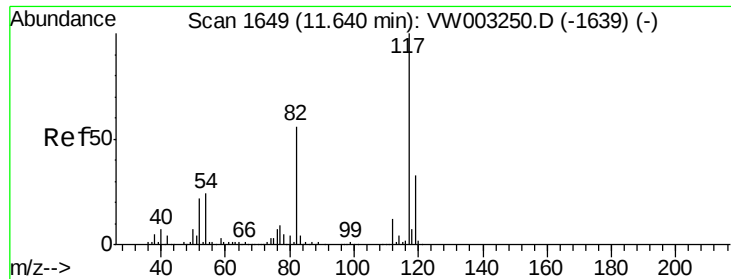
Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.4

176 80.0 0.0 162.0

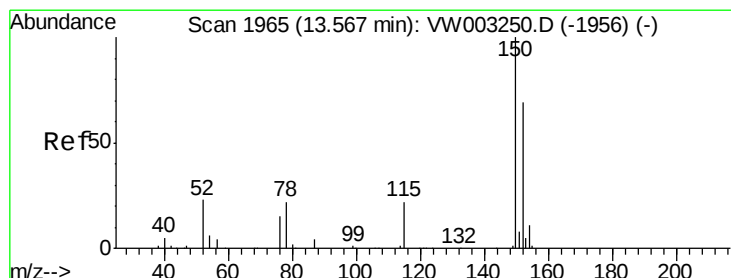
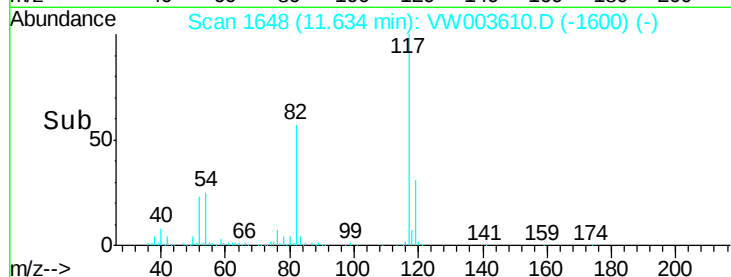
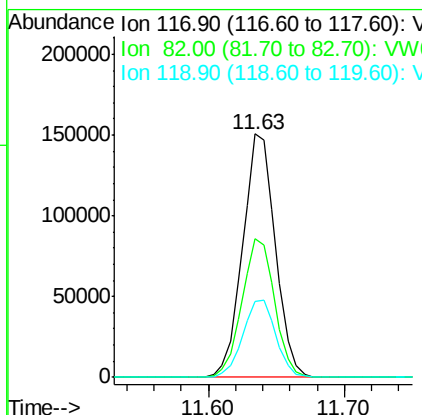
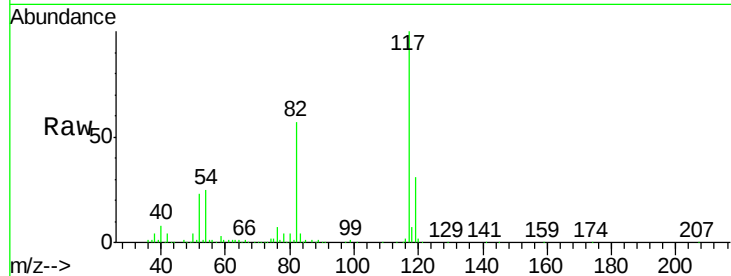




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Instrument :
MSVOA_W
ClientSampleId :
HR-06-062218-CRE

Tot Ion:117 Resp: 252703
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 31.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003610.D
Acq: 27 Jun 2018 13:48

Tgt Ion:152 Resp: 117331
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 156.4 0.0 349.6

