

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003611.D
 Acq On : 27 Jun 2018 14:14
 Operator : SY/AP
 Sample : J3676-01
 Misc : 2.85G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

Quant Time: Jun 27 14:42:10 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	88611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	144002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37414	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	44853	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	7.89	113	39668	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	
50) Toluene-d8	10.33	98	111136	31.32	ug/l	0.00
Spiked Amount			Recovery	=	62.64%	
62) 4-Bromofluorobenzene	12.63	95	31045	24.72	ug/l	0.00
Spiked Amount			Recovery	=	49.44%	

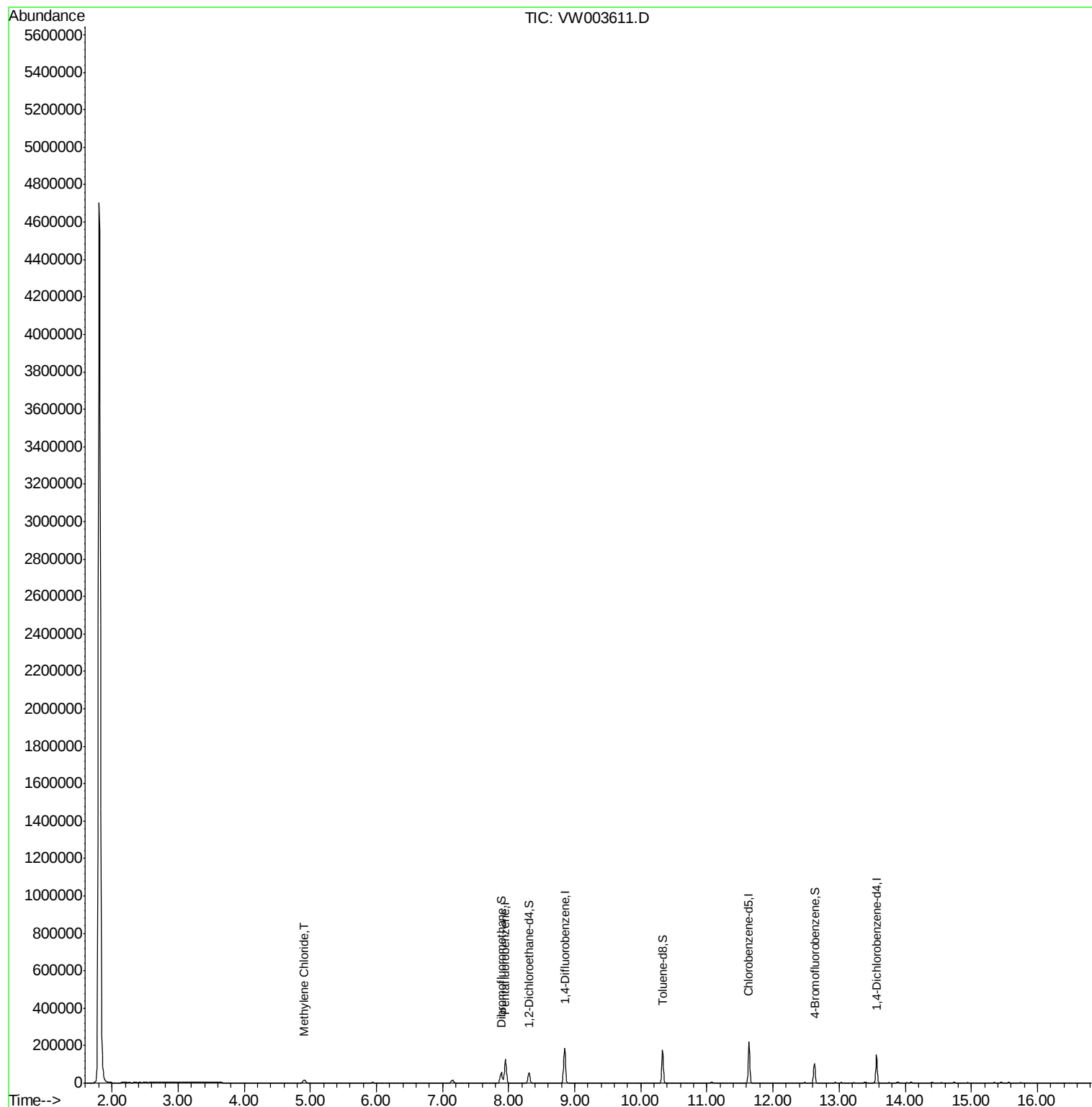
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	10687	9.53	ug/l	98

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

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Quant Title : SW846 8260
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: VW003611.D

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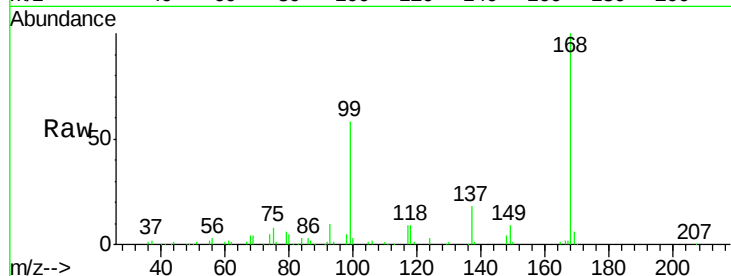
Instrument :
MSVOA_W
ClientSampleId :
RO-1-4

Tot Ion:168 Resp: 88611

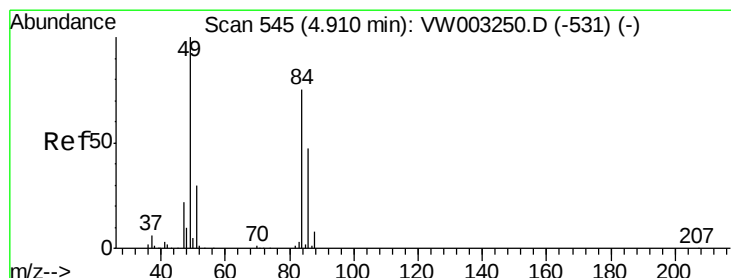
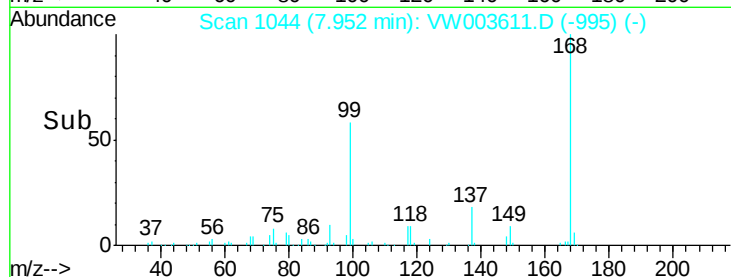
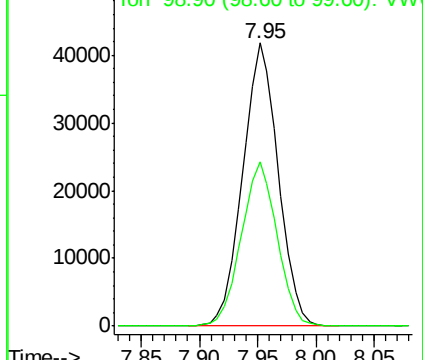
Ion Ratio Lower Upper

168 100

99 58.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.53 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003611.D

Acq: 27 Jun 2018 14:14

Tgt Ion: 84 Resp: 10687

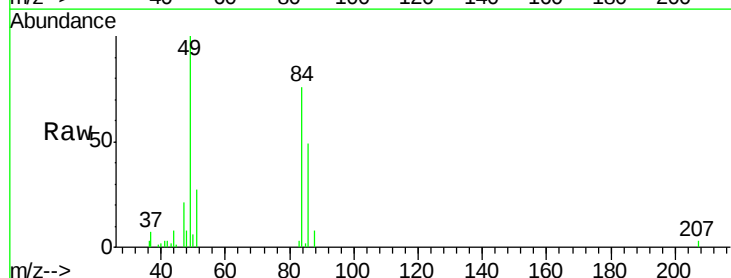
Ion Ratio Lower Upper

84 100

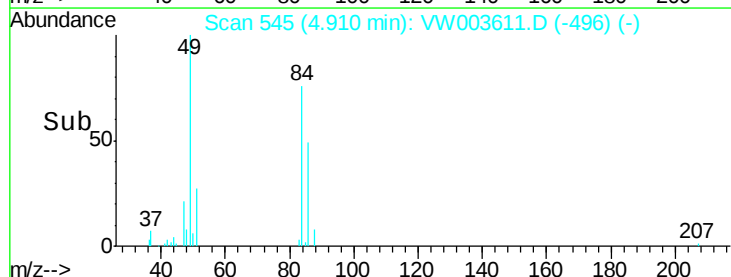
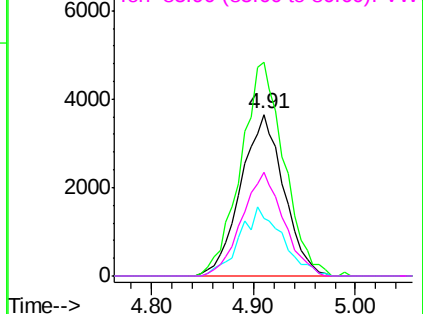
49 132.0 106.3 159.5

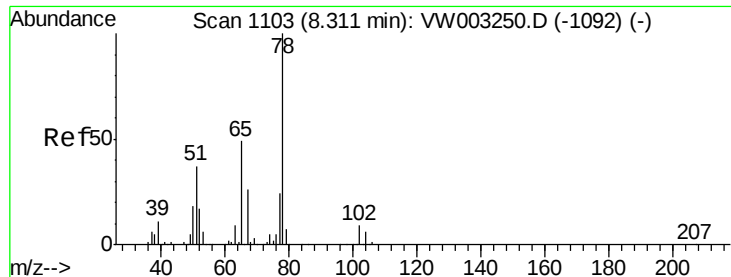
51 35.8 32.0 48.0

86 64.2 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

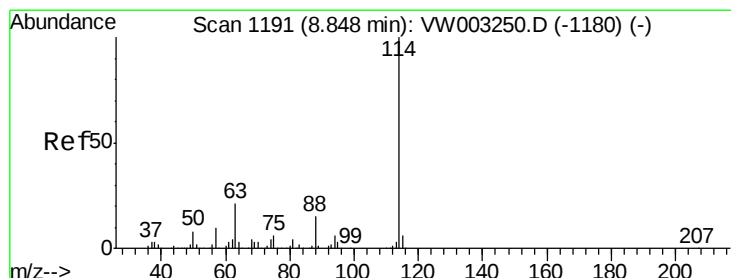
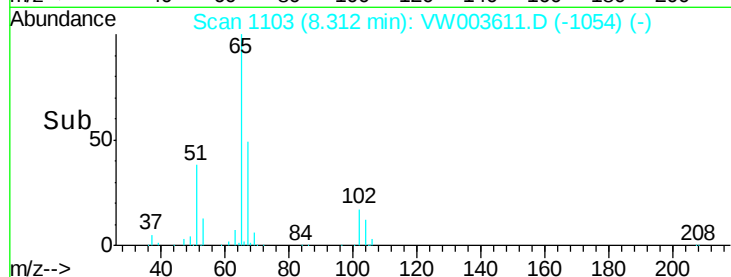
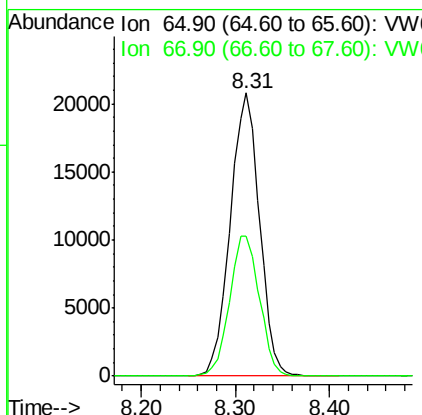
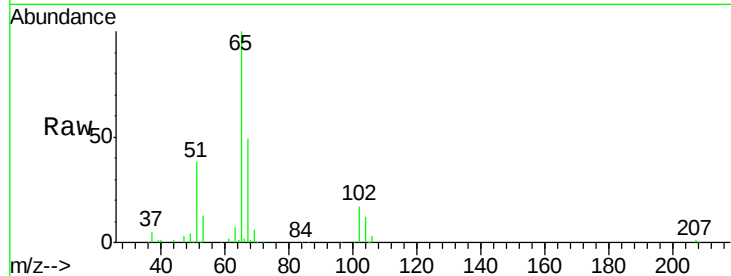




#33
 1,2-Dichloroethane-d4
 Concen: 46.73 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003611.D
 Acq: 27 Jun 2018 14:14

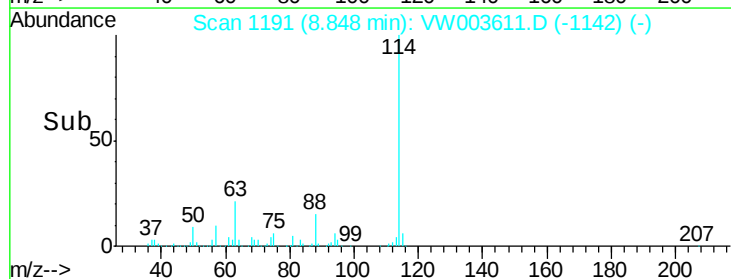
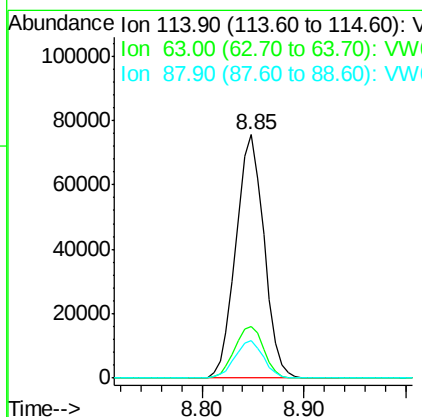
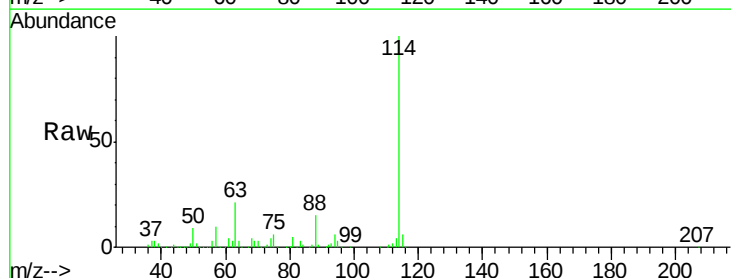
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

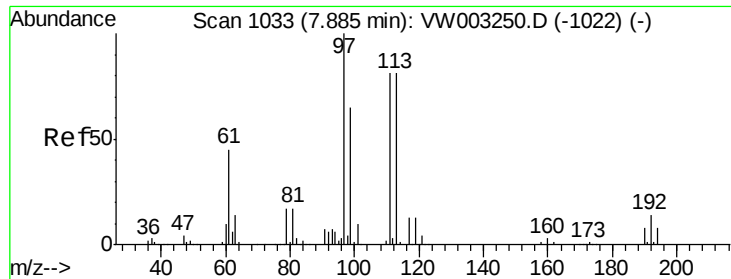
Tot Ion: 65 Resp: 44853
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003611.D
 Acq: 27 Jun 2018 14:14

Tgt Ion: 114 Resp: 144002
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.4 0.0 29.6

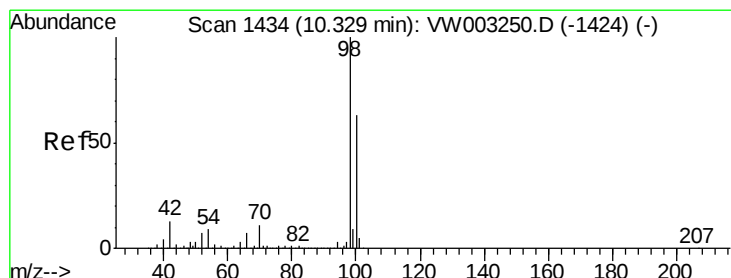
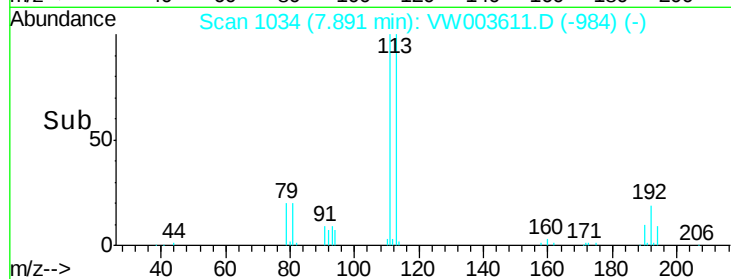
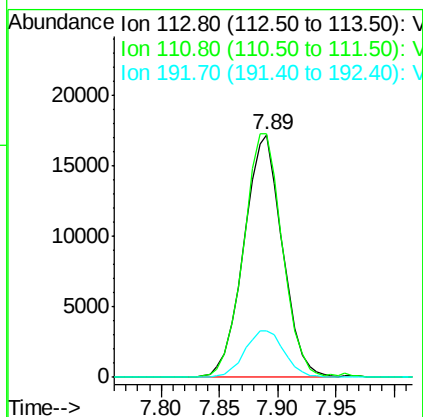
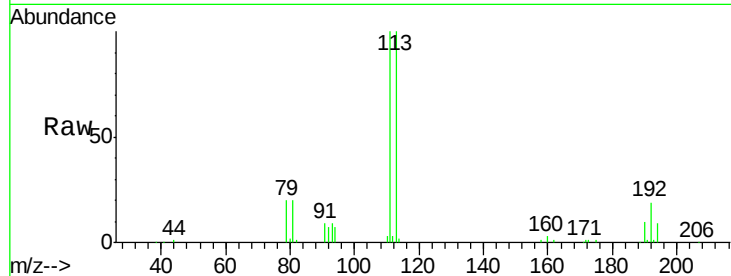




#35
 Dibromofluoromethane
 Concen: 44.33 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003611.D
 Acq: 27 Jun 2018 14:14

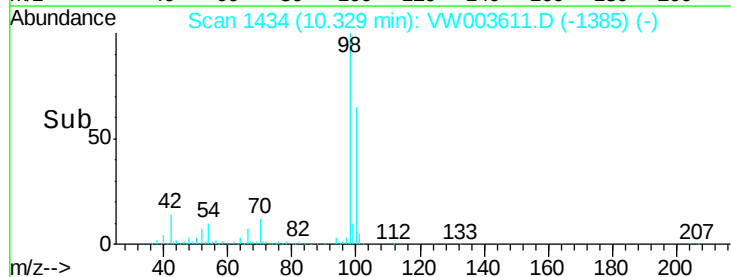
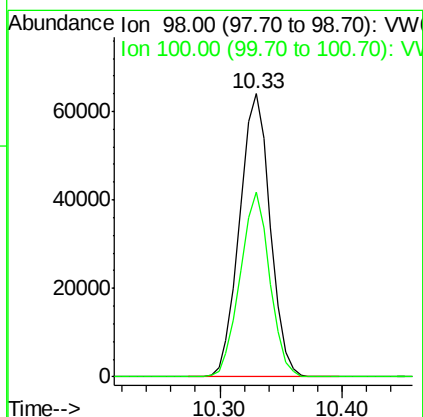
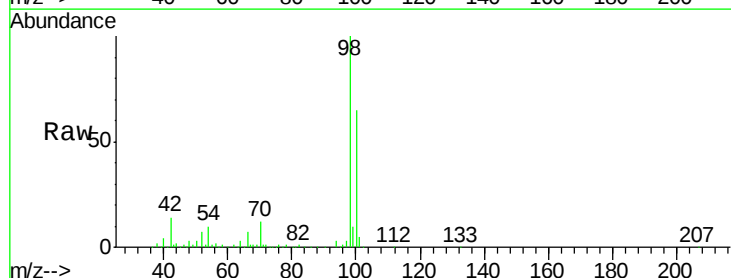
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-4

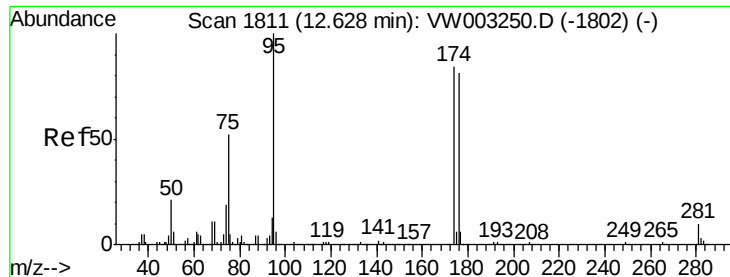
Tot Ion:113 Resp: 39668
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 19.8 16.2 24.2



#50
 Toluene-d8
 Concen: 31.32 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003611.D
 Acq: 27 Jun 2018 14:14

Tgt Ion: 98 Resp: 111136
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 24.72 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003611.D

Acq: 27 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

RO-1-4

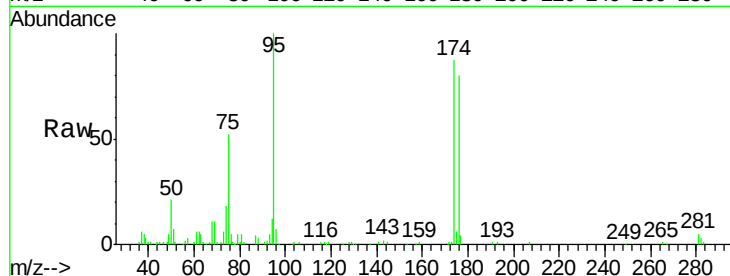
Tot Ion: 95 Resp: 31045

Ion Ratio Lower Upper

95 100

174 85.3 0.0 166.4

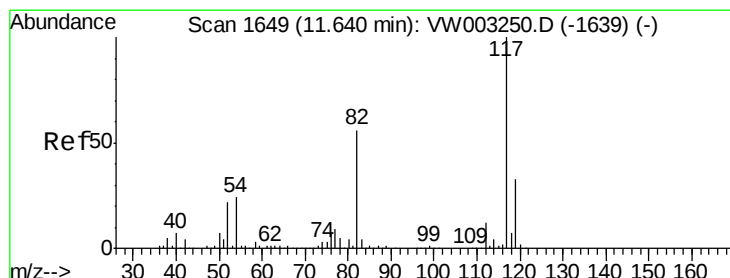
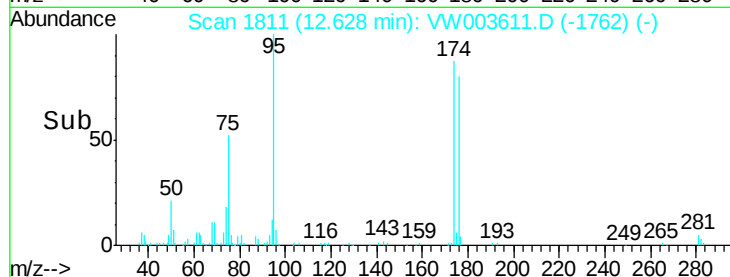
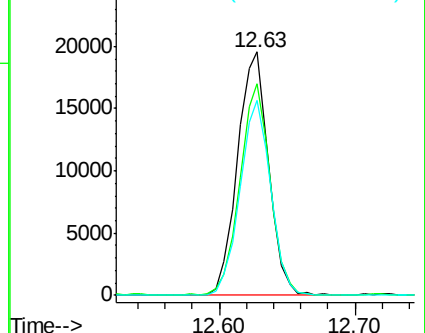
176 79.4 0.0 162.0



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. -0.01 min

Lab File: VW003611.D

Acq: 27 Jun 2018 14:14

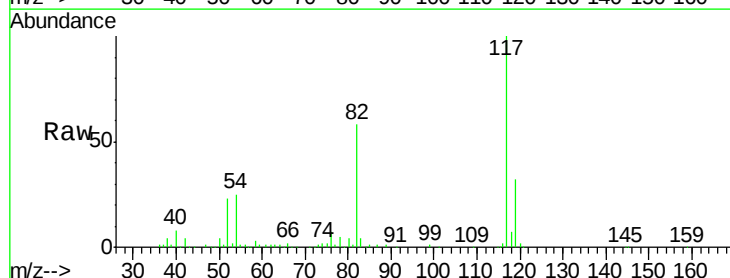
Tgt Ion: 117 Resp: 117348

Ion Ratio Lower Upper

117 100

82 57.6 44.6 67.0

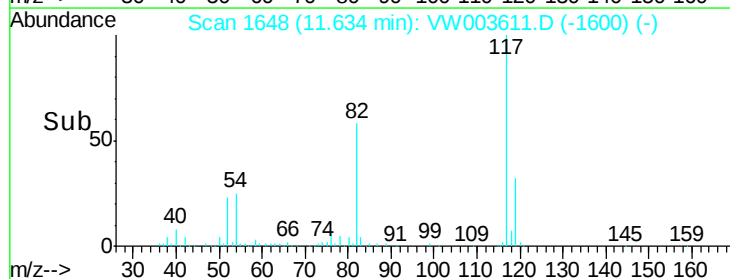
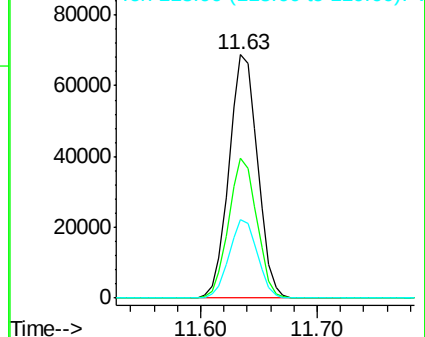
119 32.4 26.7 40.1

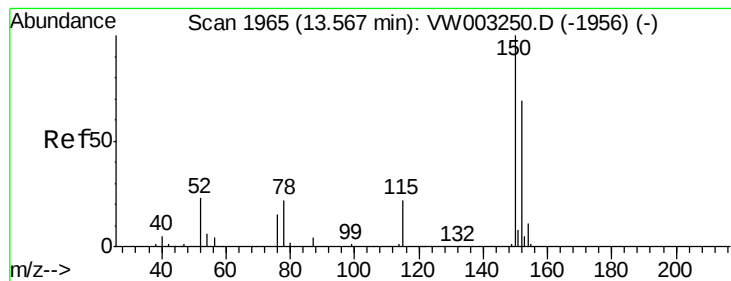


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003611.D

Acq: 27 Jun 2018 14:14

Instrument :

MSVOA_W

ClientSampleId :

RO-1-4

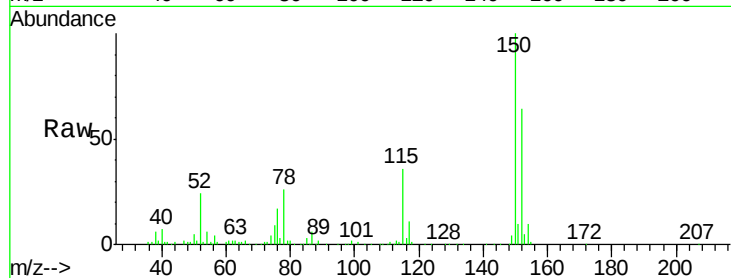
Tot Ion:152 Resp: 37414

Ion Ratio Lower Upper

152 100

115 59.2 29.3 88.0

150 156.9 0.0 349.6



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

