

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007740.D
 Acq On : 20 Dec 2018 11:08
 Operator : SY/AP
 Sample : J6386-08
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS005-1824-01

Quant Time: Dec 20 11:45:29 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	44296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	82273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	33692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	27055	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
35) Dibromofluoromethane	7.88	113	23828	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.32	98	72882	38.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.04%	
62) 4-Bromofluorobenzene	12.62	95	27688	37.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.76%	

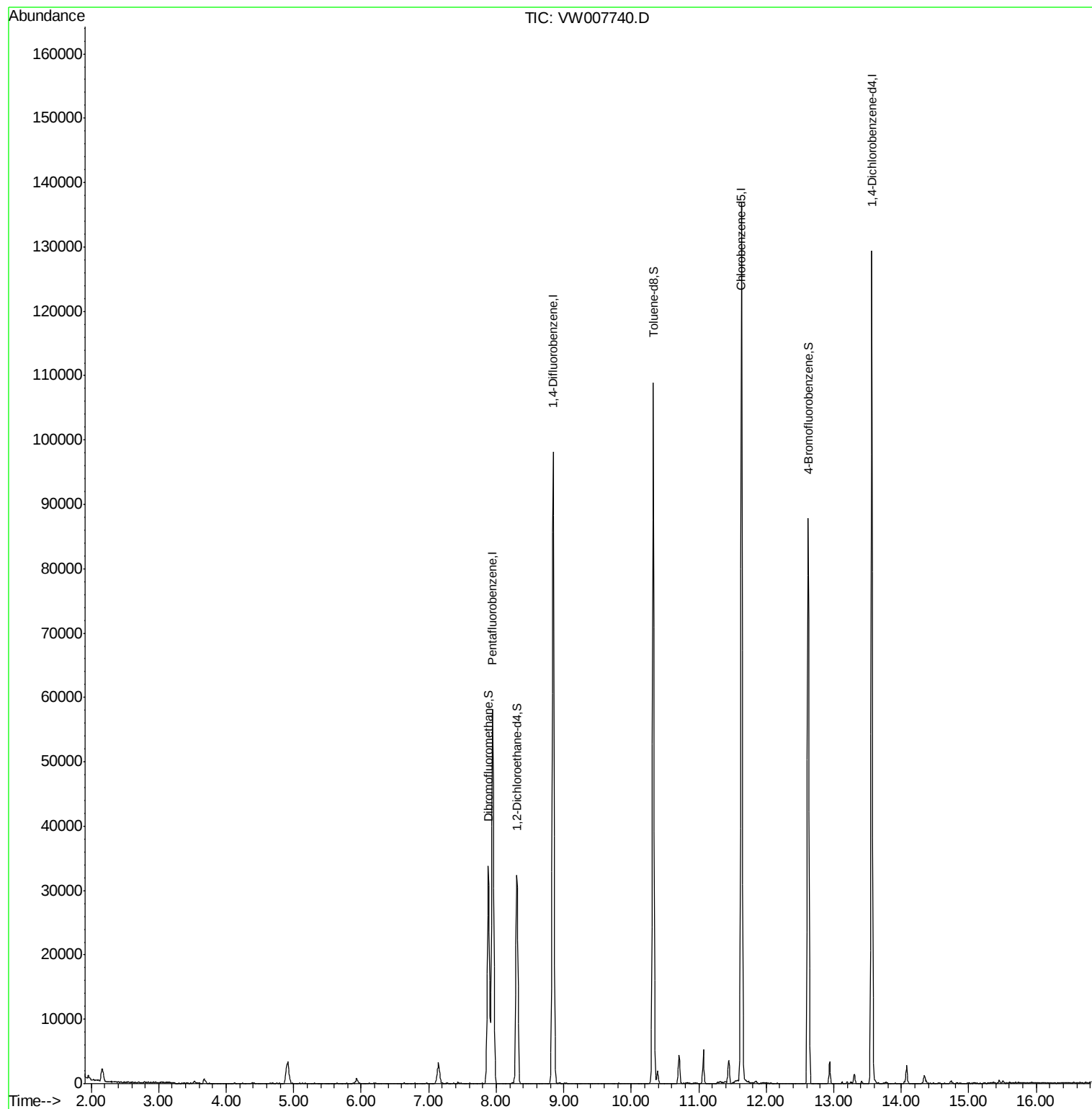
Target Compounds	Qvalue

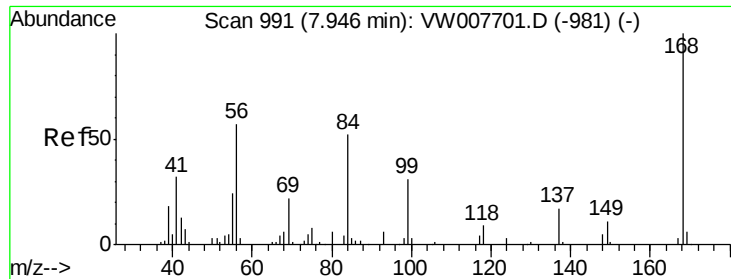
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 20 Dec 2018 11:08

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MSVOA_W

ClientSampleId :

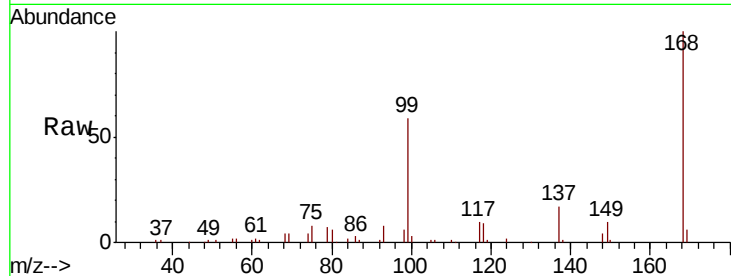
P001-SS005-1824-01

Tot Ion:168 Resp: 44296

Ion Ratio Lower Upper

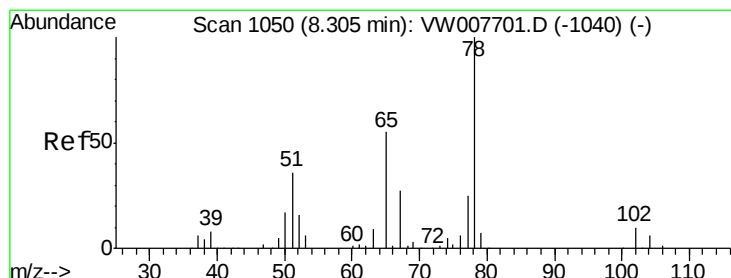
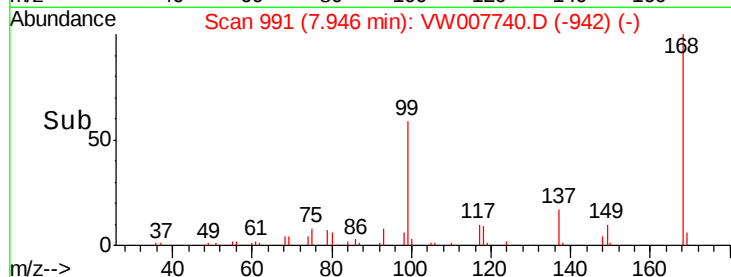
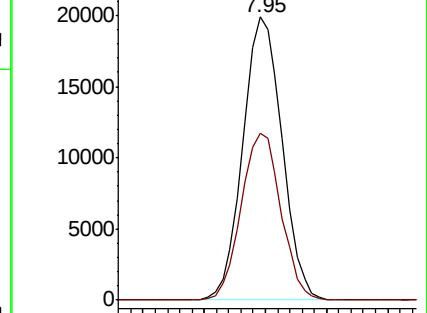
168 100

99 58.8 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: 55.726 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007740.D

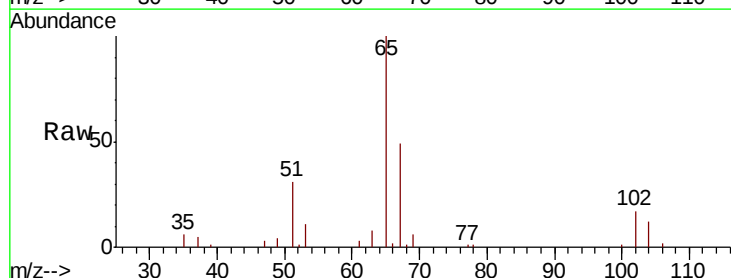
Acq: 20 Dec 2018 11:08

Tgt Ion: 65 Resp: 27055

Ion Ratio Lower Upper

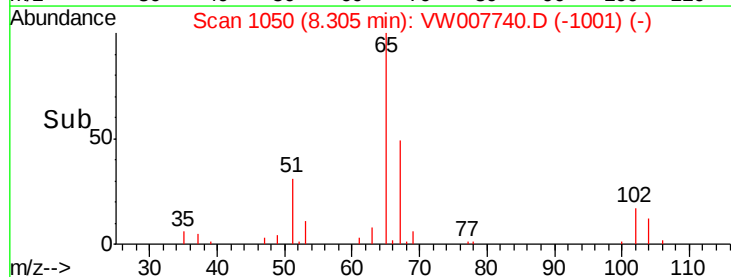
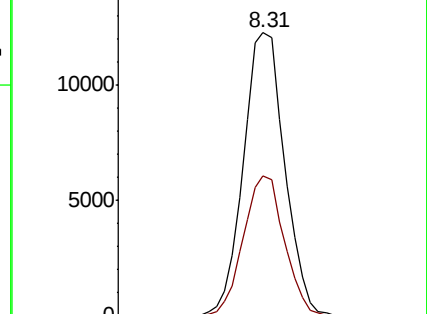
65 100

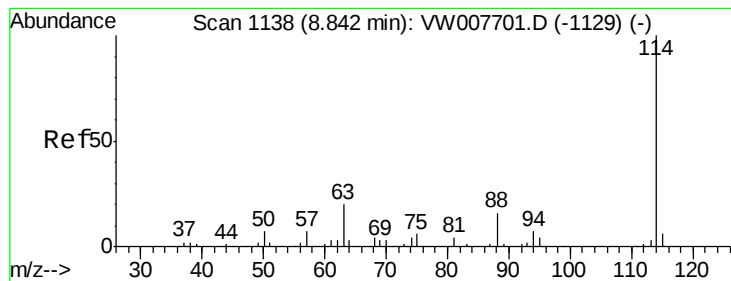
67 49.1 0.0 100.6



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: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-1824-01

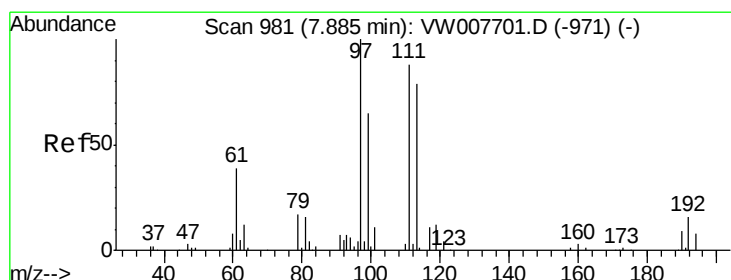
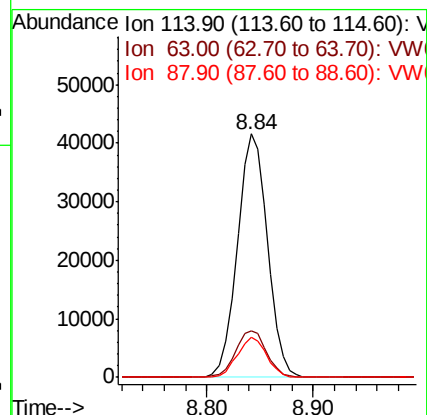
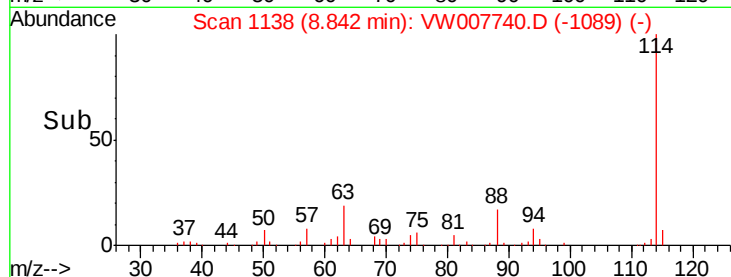
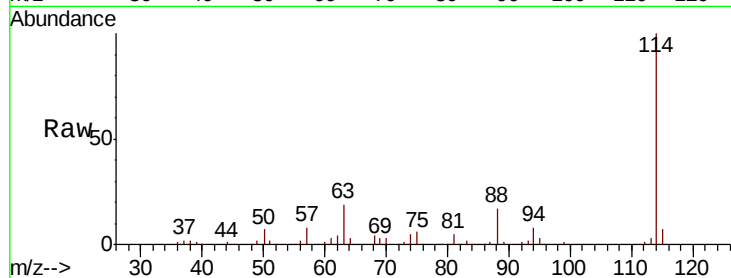
Tot Ion:114 Resp: 82273

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.475 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

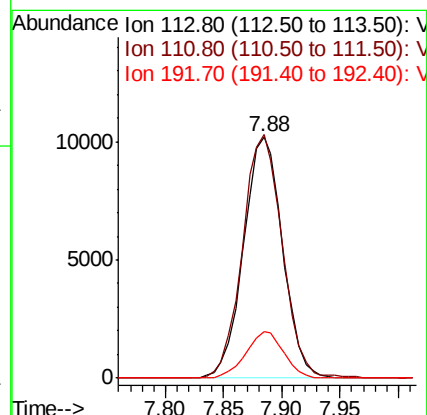
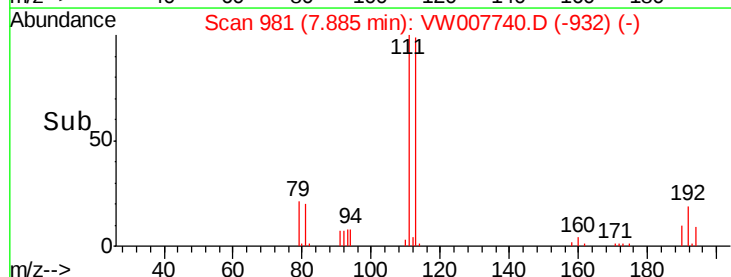
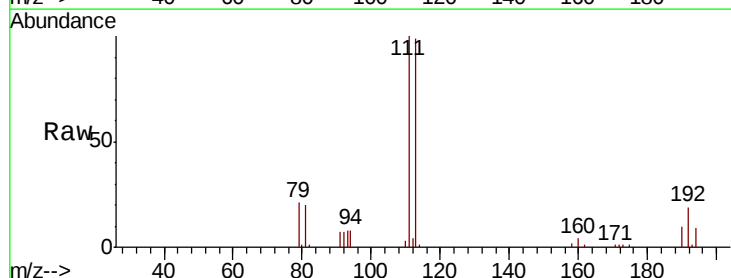
Tgt Ion:113 Resp: 23828

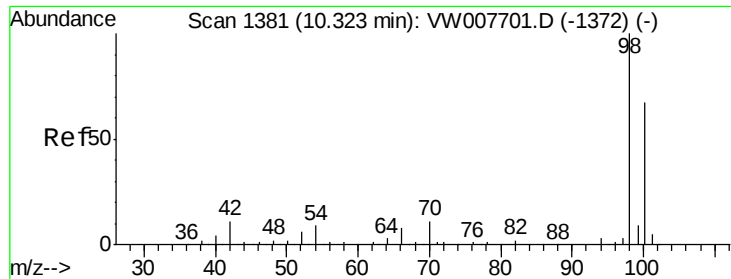
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 18.5 15.5 23.3





#50

Toluene-d8

Concen: 38.519 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

ClientSampleId :

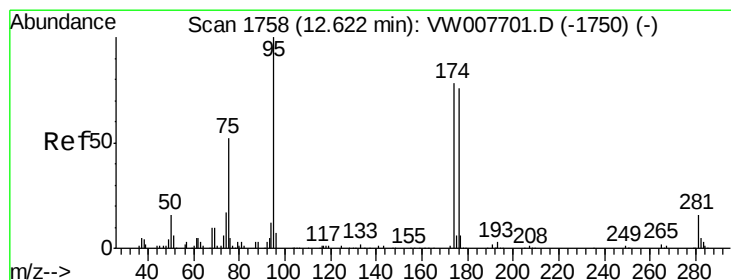
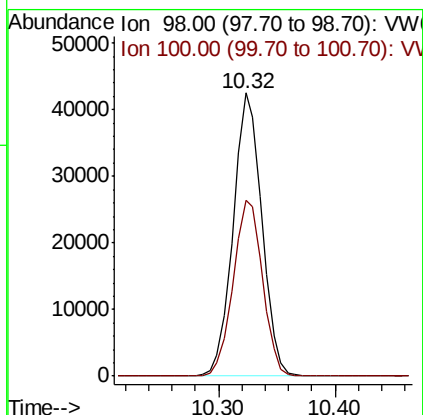
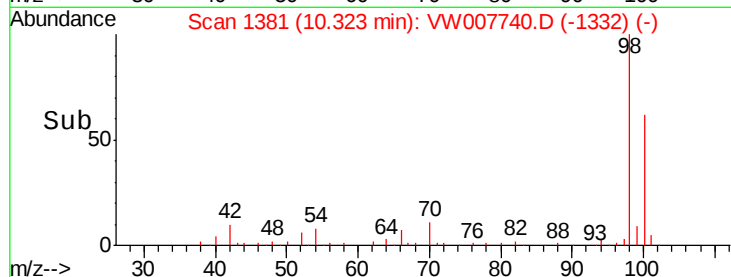
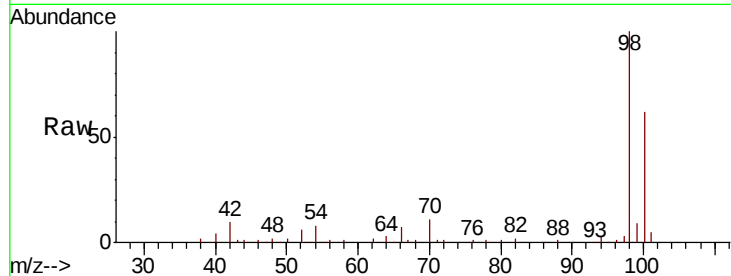
P001-SS005-1824-01

Tot Ion: 98 Resp: 72882

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 37.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

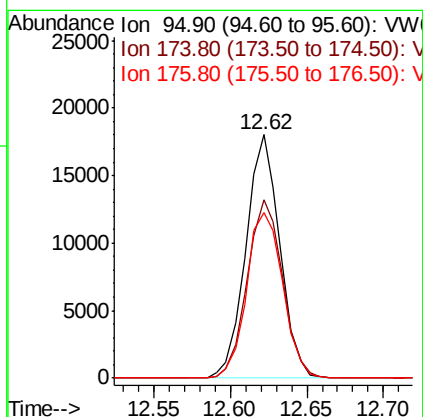
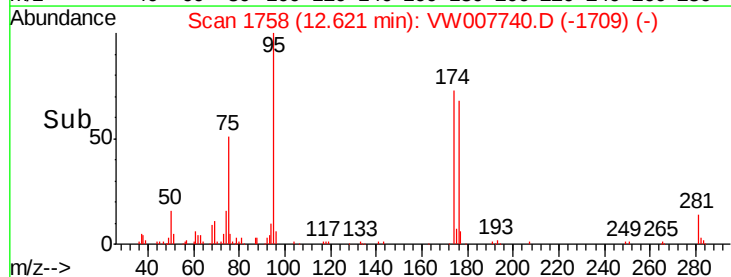
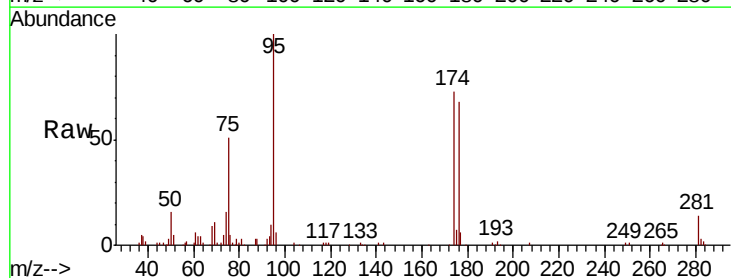
Tgt Ion: 95 Resp: 27688

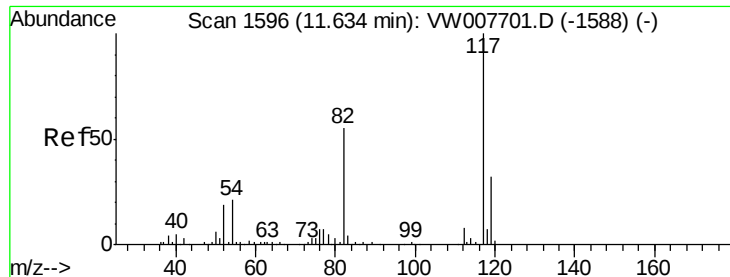
Ion Ratio Lower Upper

95 100

174 76.4 0.0 152.2

176 72.7 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: VW007740.D

Acq: 20 Dec 2018 11:08

Instrument :

MSVOA_W

ClientSampleId :

P001-SS005-1824-01

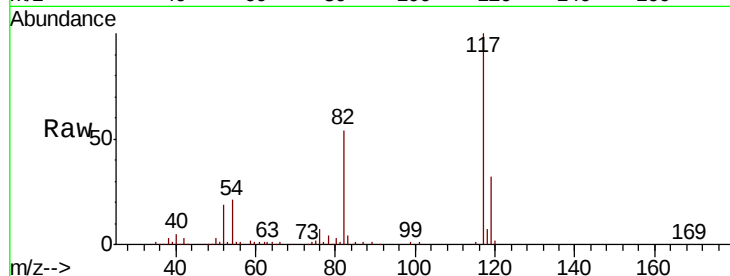
Tot Ion:117 Resp: 75964

Ion Ratio Lower Upper

117 100

82 54.1 44.3 66.5

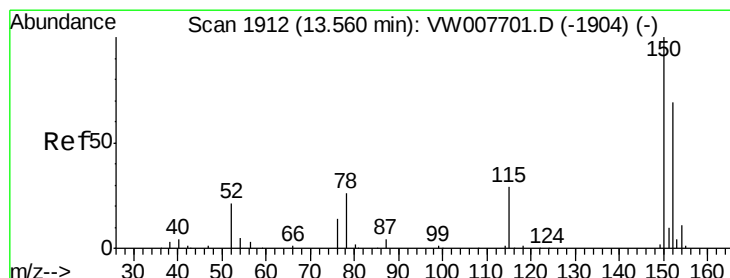
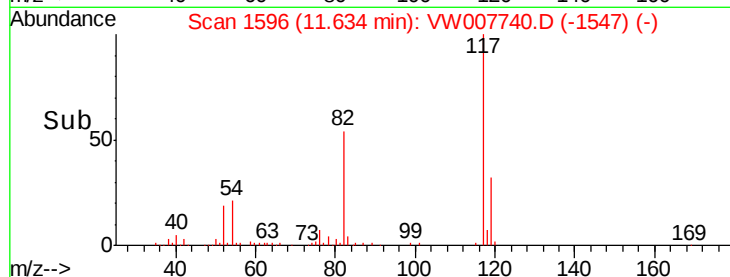
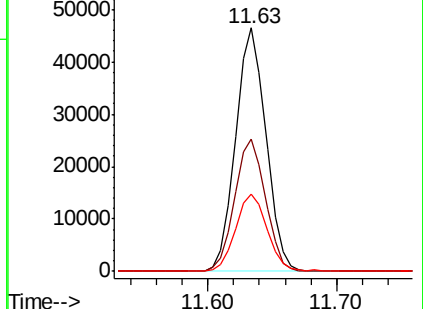
119 31.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007740.D

Acq: 20 Dec 2018 11:08

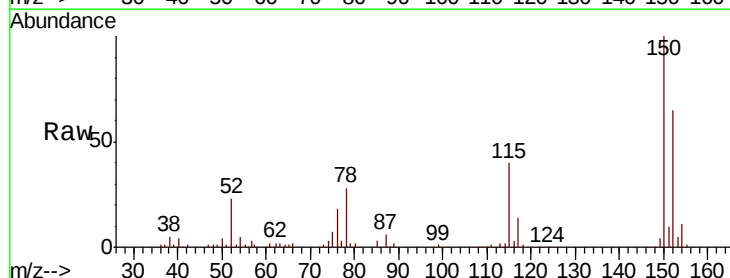
Tgt Ion:152 Resp: 33692

Ion Ratio Lower Upper

152 100

115 60.8 31.8 95.4

150 155.5 0.0 350.8



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

