

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007824.D
 Acq On : 22 Dec 2018 06:40
 Operator : SY/AP
 Sample : VW1223SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1223SBL02

Quant Time: Dec 24 00:01:46 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	67810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52749	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38689	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.88	113	34490	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.32	98	130519	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.62	95	50554	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

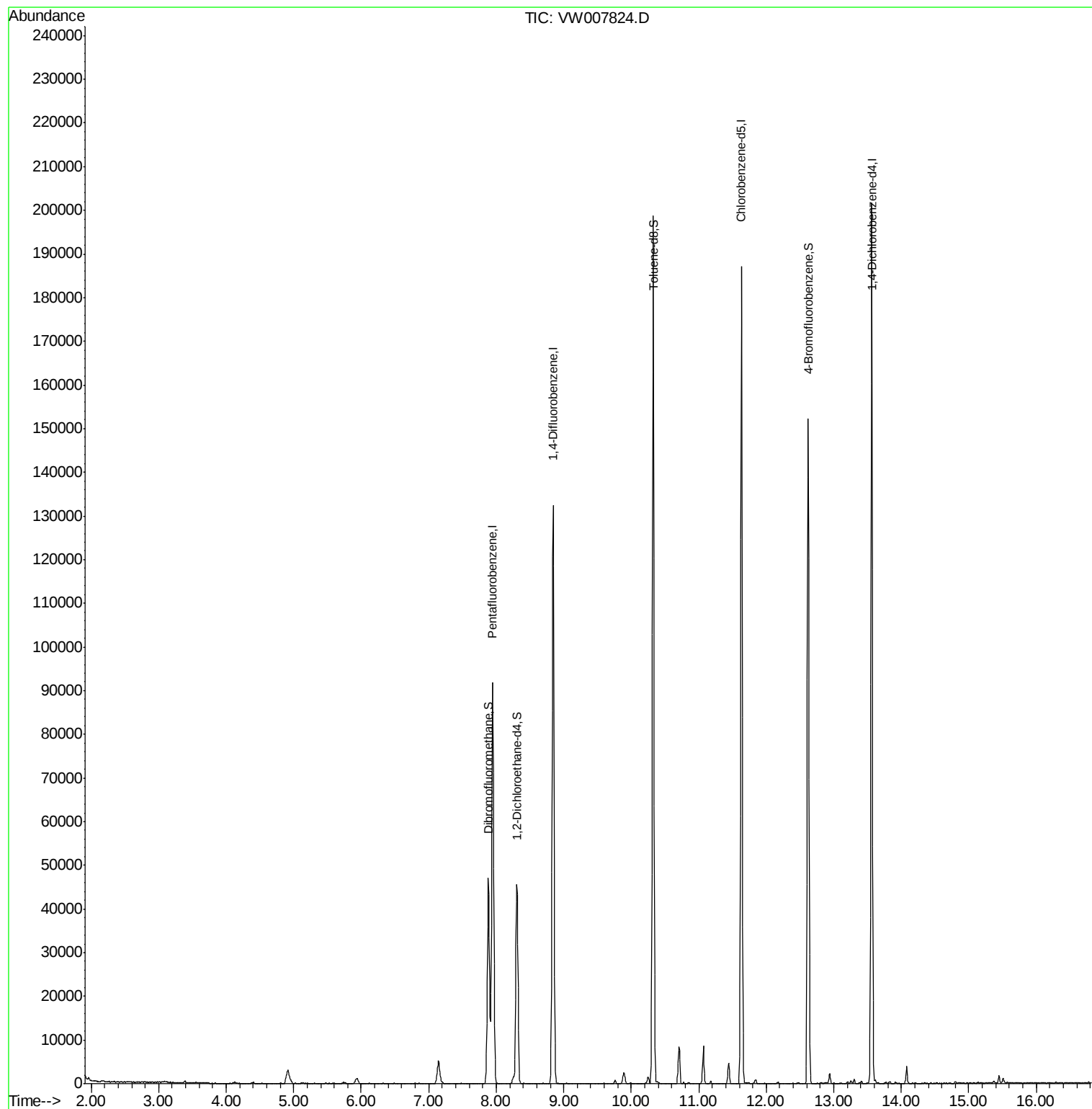
Target Compounds	Qvalue
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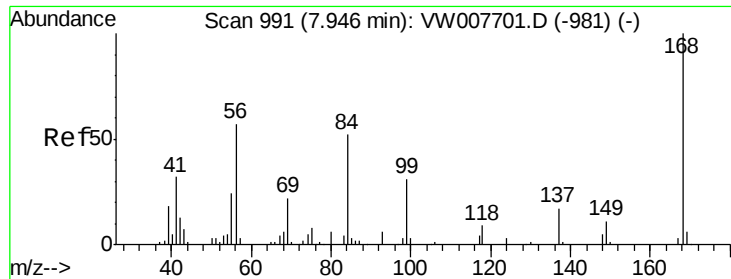
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007824.D

Acq: 22 Dec 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

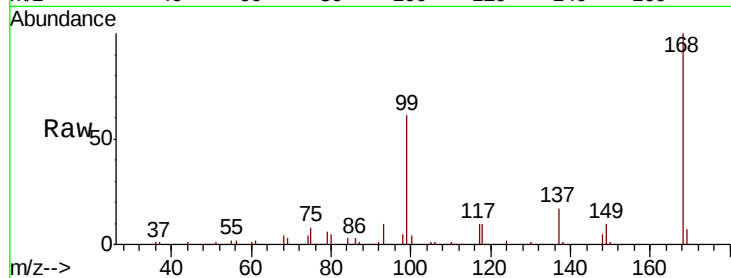
VW1223SBL02

Tot Ion:168 Resp: 67810

Ion Ratio Lower Upper

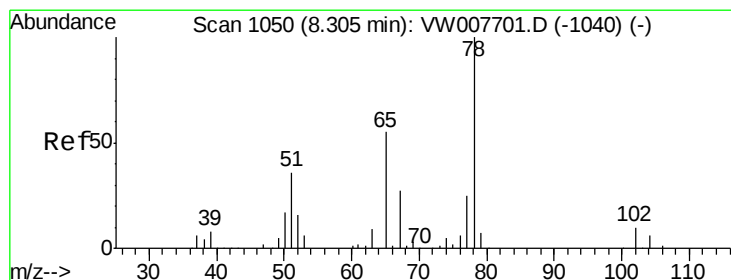
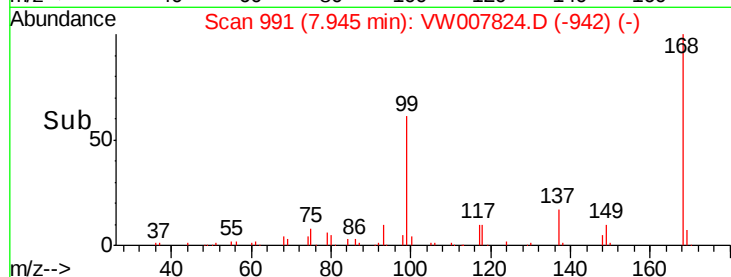
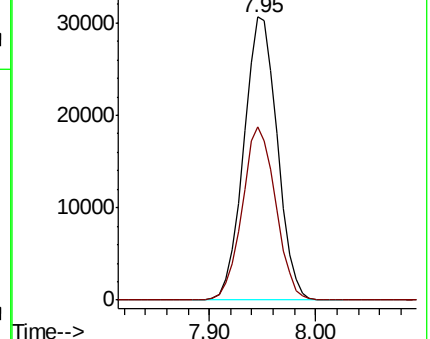
168 100

99 61.3 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: 52.055 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007824.D

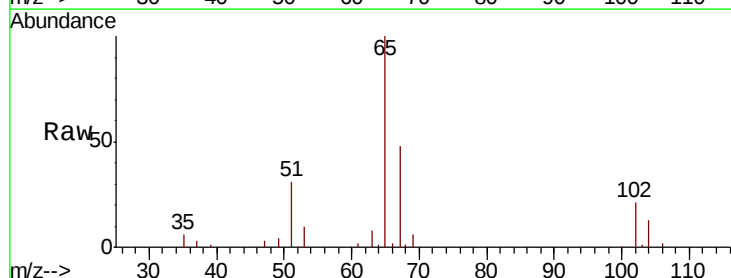
Acq: 22 Dec 2018 06:40

Tgt Ion: 65 Resp: 38689

Ion Ratio Lower Upper

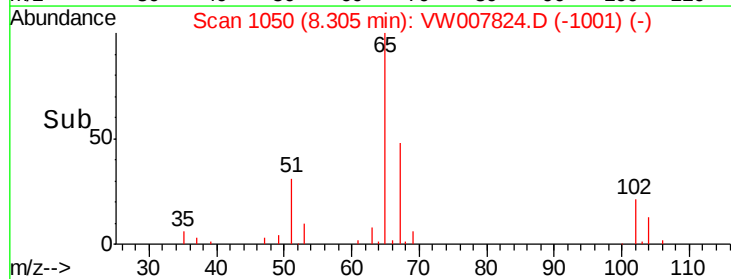
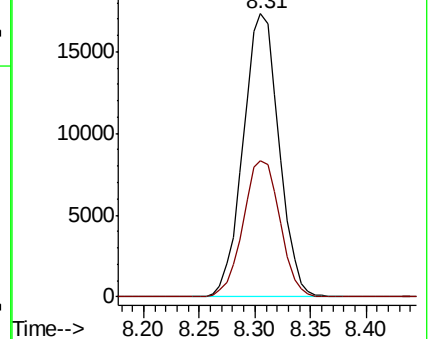
65 100

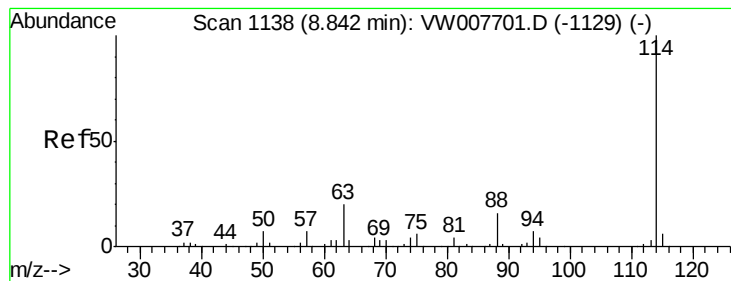
67 49.6 0.0 100.6



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: VW007824.D

Acq: 22 Dec 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

VW1223SBL02

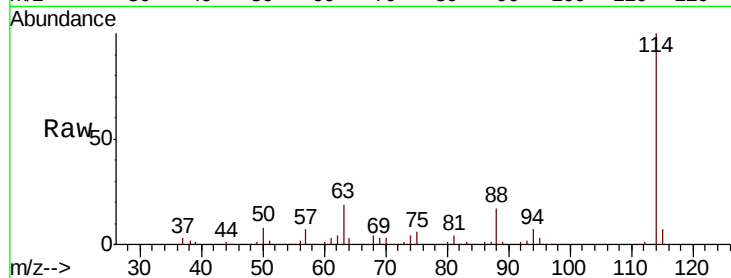
Tot Ion:114 Resp: 115028

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

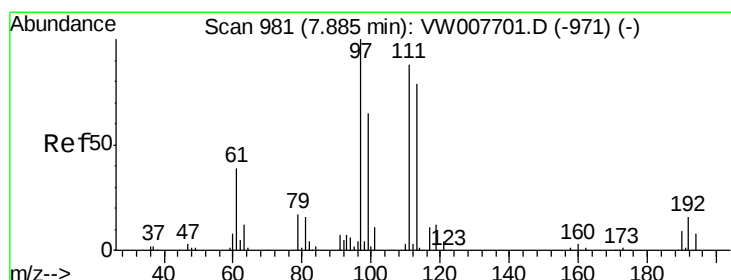
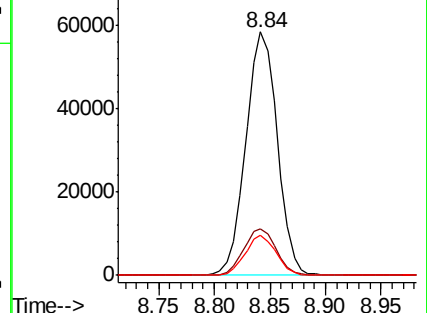
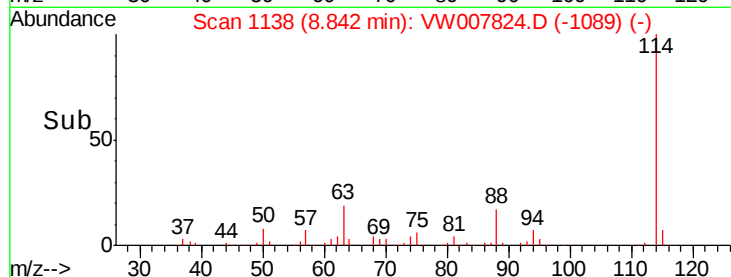
88 16.6 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 49.150 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007824.D

Acq: 22 Dec 2018 06:40

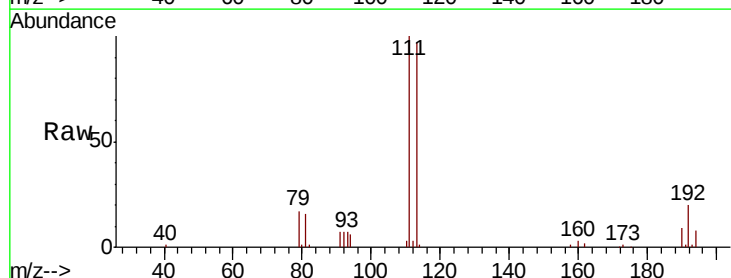
Tgt Ion:113 Resp: 34490

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

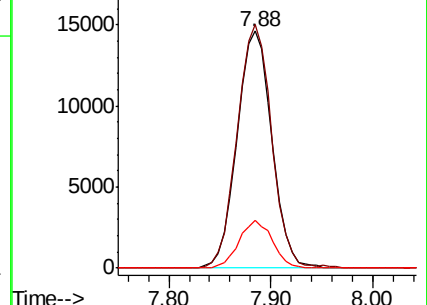
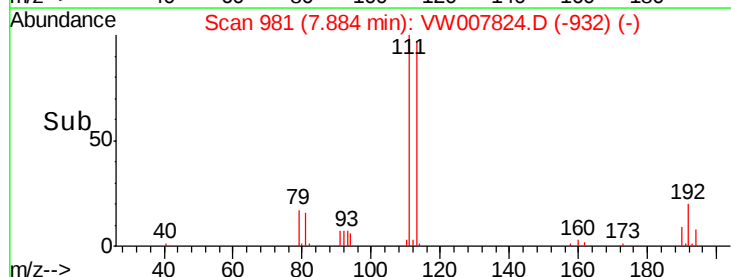
192 19.4 15.5 23.3

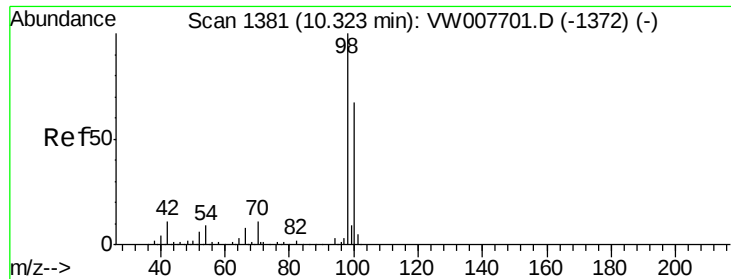


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.338 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007824.D

Acq: 22 Dec 2018 06:40

Instrument :

MSVOA_W

ClientSampleId :

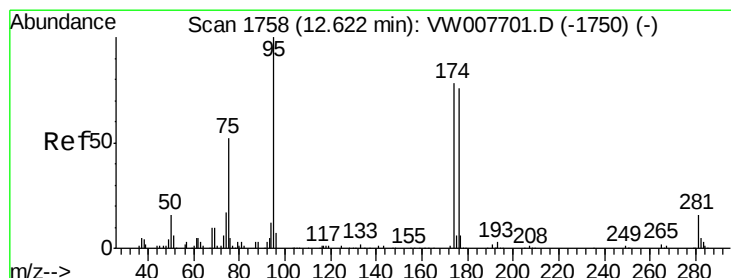
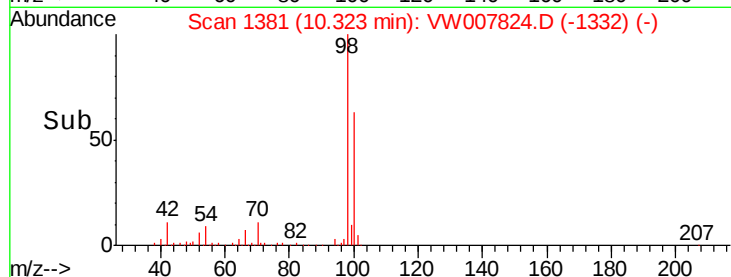
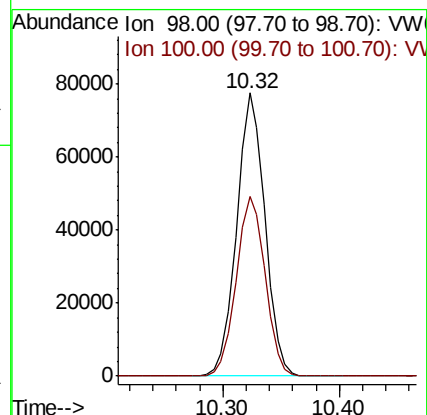
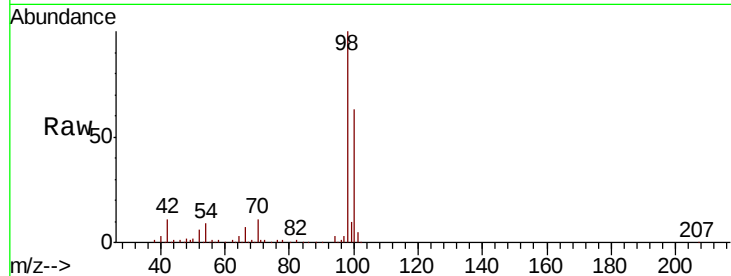
VW1223SBL02

Tot Ion: 98 Resp: 130519

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.467 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007824.D

Acq: 22 Dec 2018 06:40

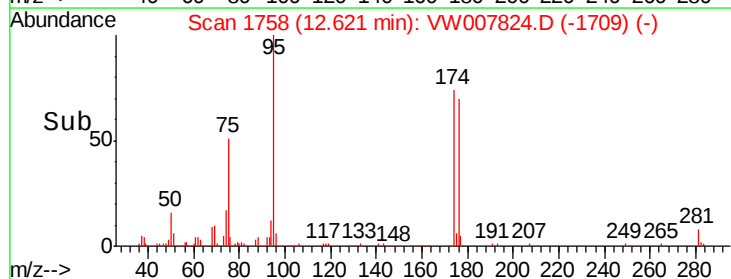
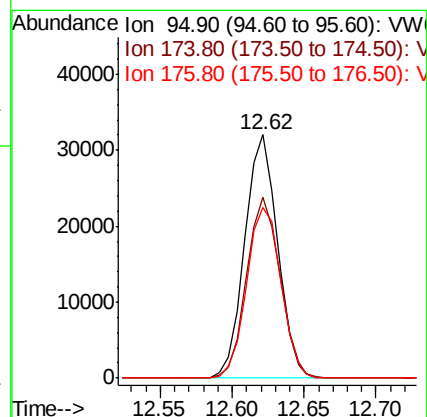
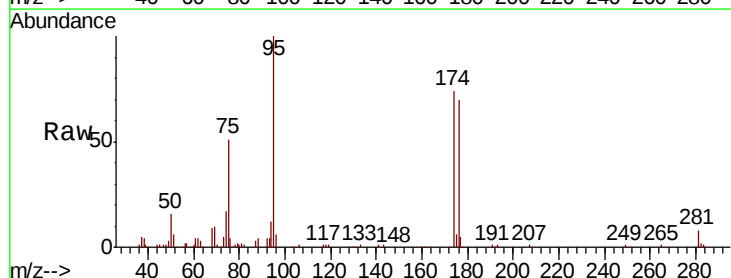
Tgt Ion: 95 Resp: 50554

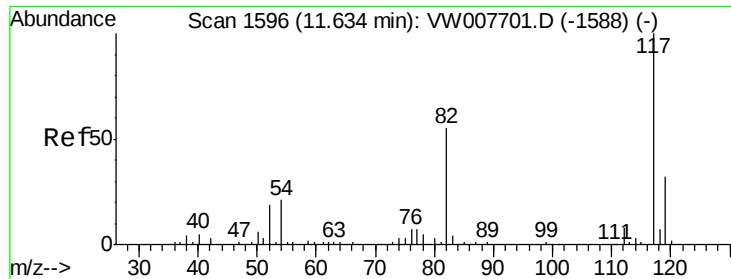
Ion Ratio Lower Upper

95 100

174 75.6 0.0 152.2

176 73.1 0.0 146.8

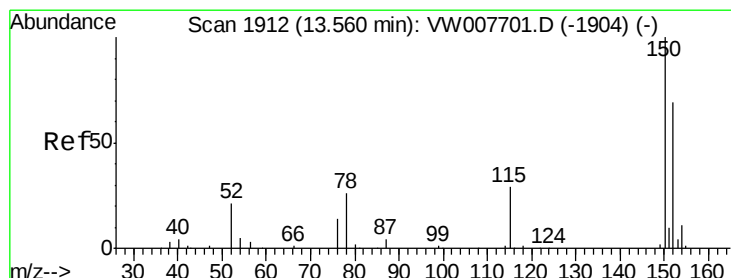
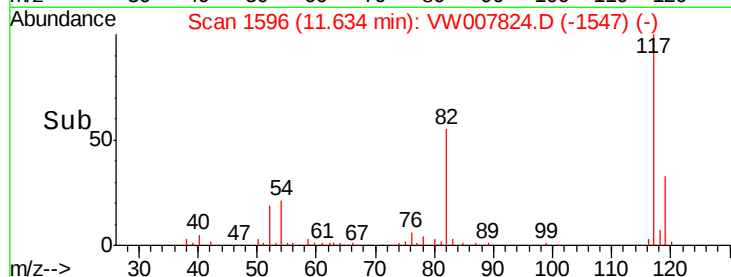
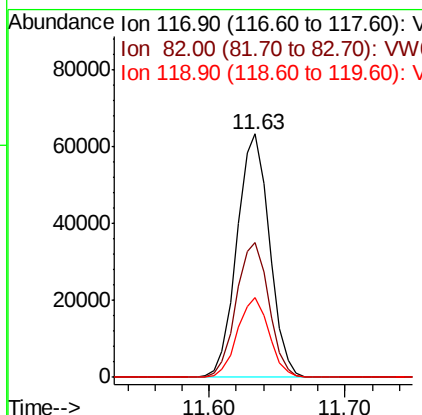
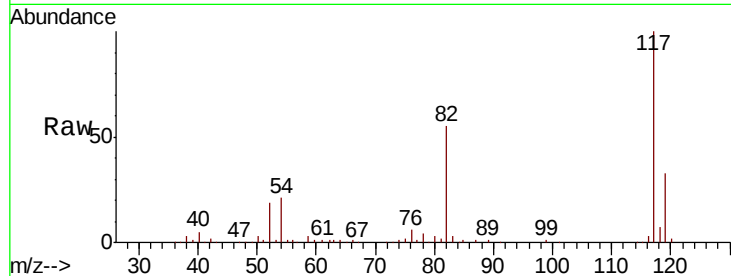




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007824.D
Acq: 22 Dec 2018 06:40

Instrument :
MSVOA_W
ClientSampleId :
VW1223SBL02

Tot Ion:117 Resp: 105573
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007824.D
Acq: 22 Dec 2018 06:40

Tgt Ion:152 Resp: 52749
Ion Ratio Lower Upper
152 100
115 62.9 31.8 95.4
150 158.7 0.0 350.8

