

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013671.D
 Acq On : 23 Oct 2019 17:06
 Operator : SY/VA
 Sample : K5501-08
 Misc : 8.31G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 186-14-(2.1)

Quant Time: Oct 24 07:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	111115	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	7.88	113	118453	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	472574	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	148856	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	

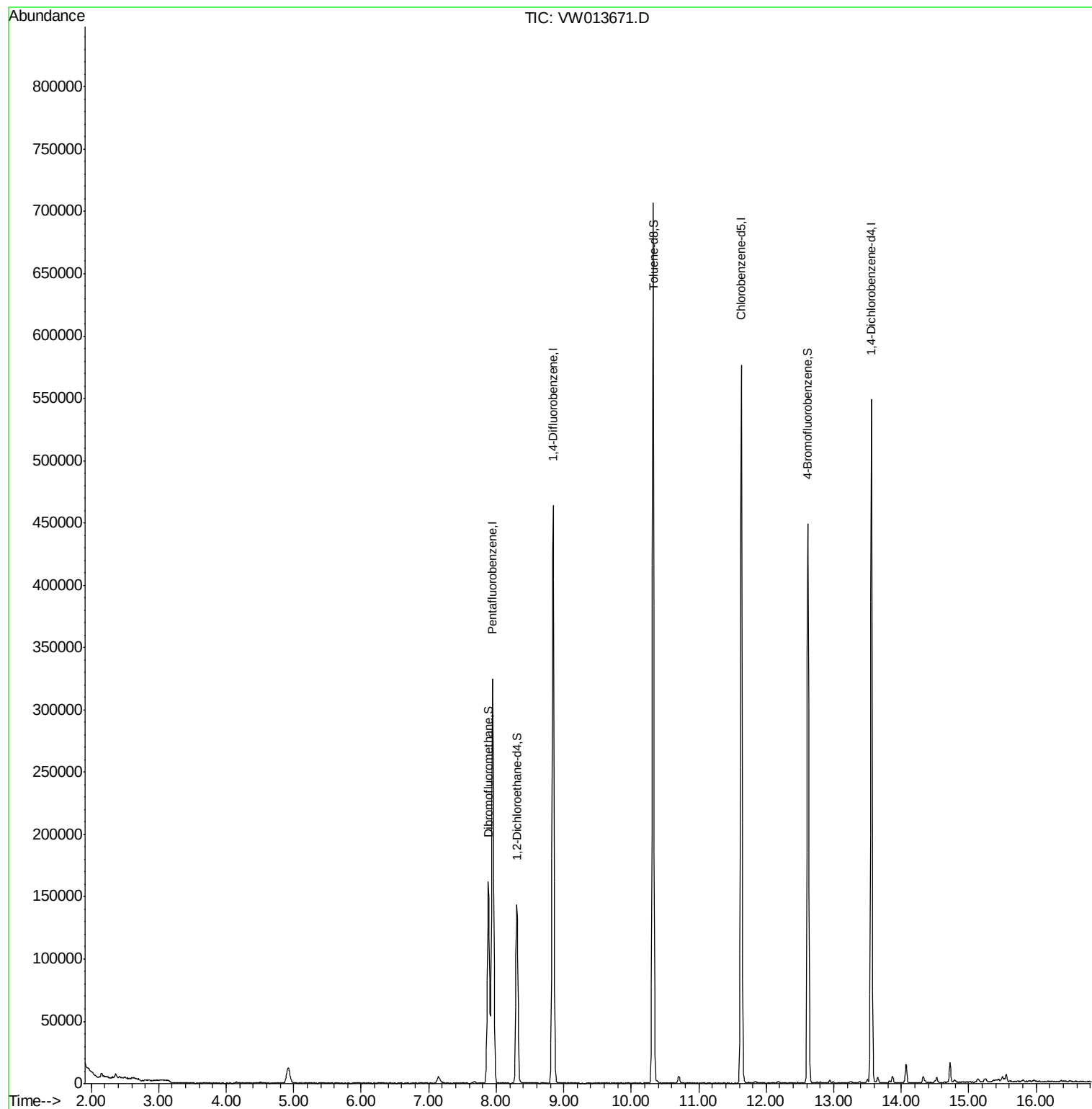
Target Compounds	Qvalue

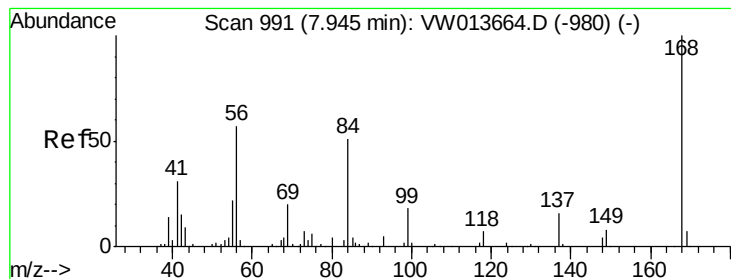
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :

MSVOA_W

ClientSampleId :

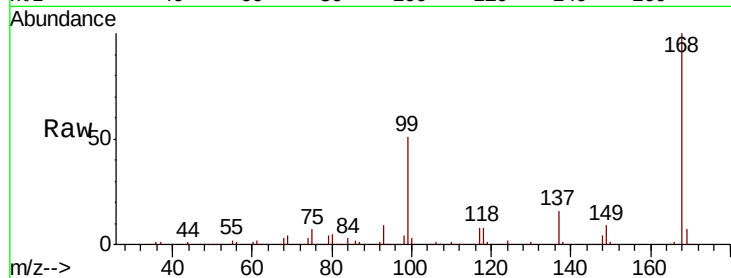
186-14-(2.1)

Tot Ion:168 Resp: 272252

Ion Ratio Lower Upper

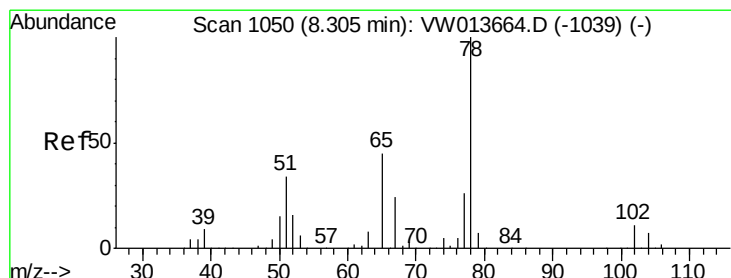
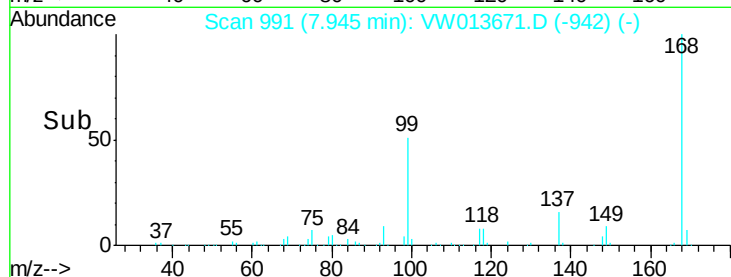
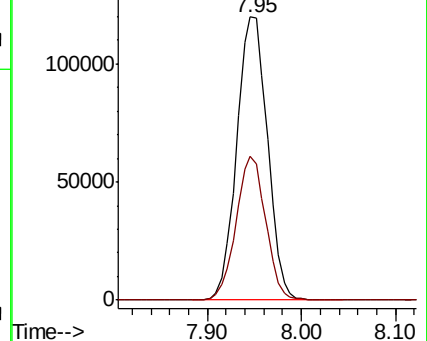
168 100

99 51.0 39.0 58.6



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: 54.406 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013671.D

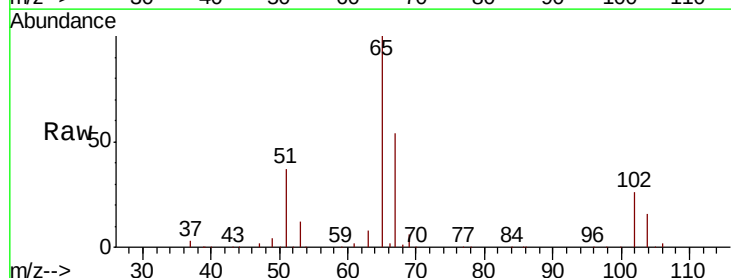
Acq: 23 Oct 2019 17:06

Tgt Ion: 65 Resp: 111115

Ion Ratio Lower Upper

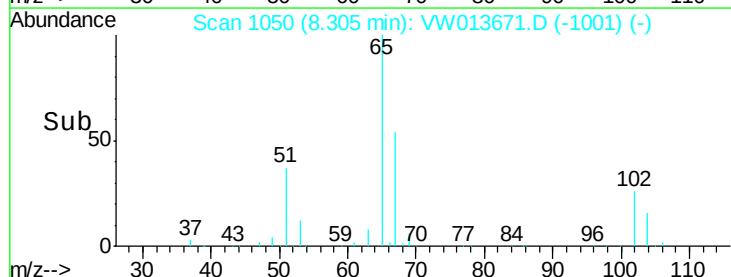
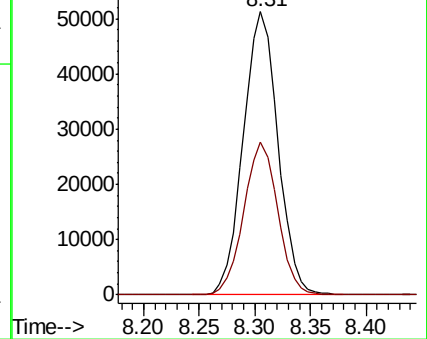
65 100

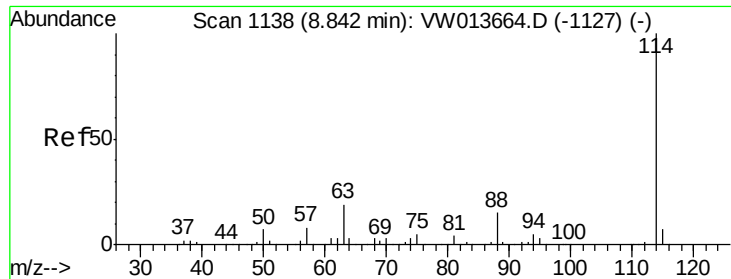
67 52.9 0.0 109.4



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: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :

MSVOA_W

ClientSampleId :

186-14-(2.1)

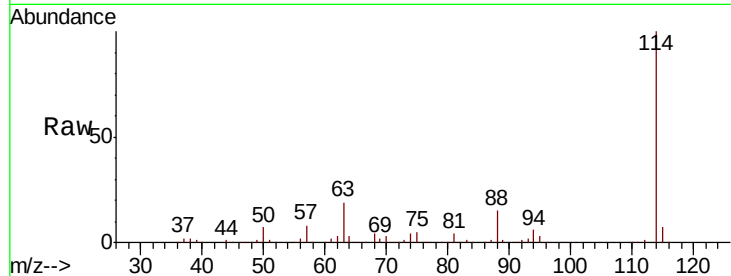
Tot Ion:114 Resp: 410180

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

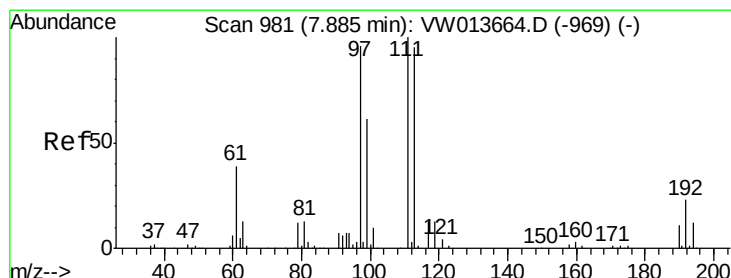
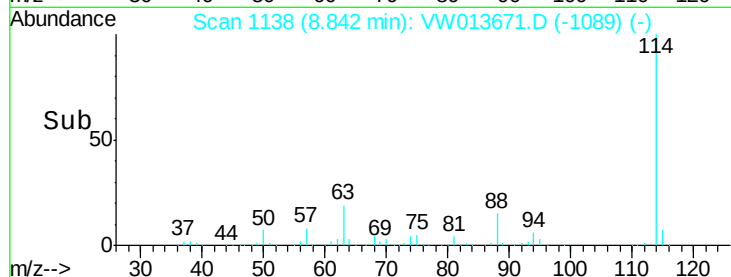
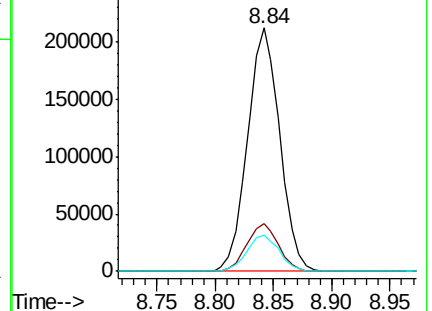
88 15.0 0.0 30.2



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: 51.972 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013671.D

Acq: 23 Oct 2019 17:06

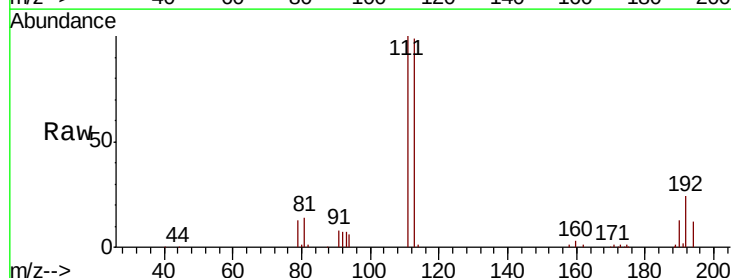
Tgt Ion:113 Resp: 118453

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

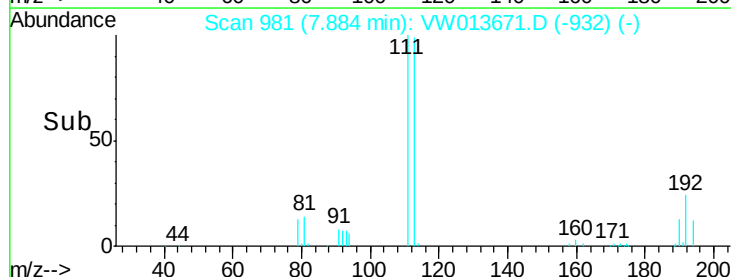
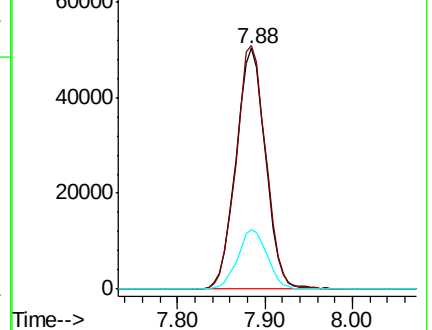
192 24.6 19.4 29.2

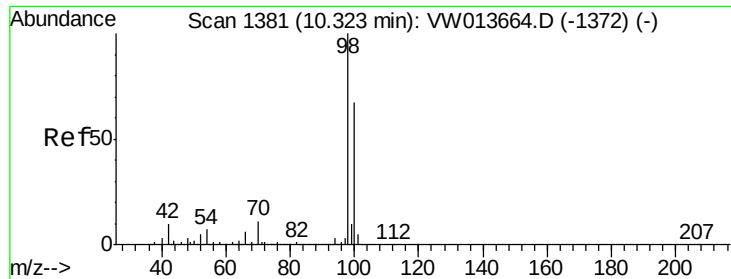


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.885 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013671.D

Acq: 23 Oct 2019 17:06

Instrument :

MSVOA_W

ClientSampled :

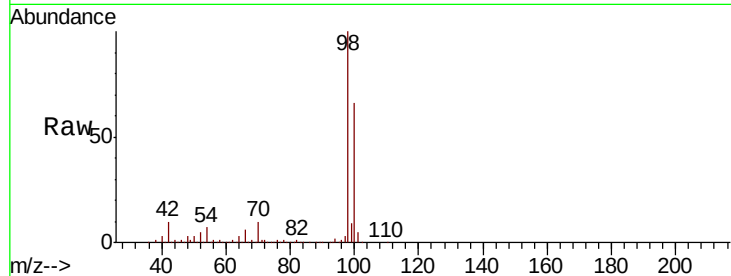
186-14-(2.1)

Tot Ion: 98 Resp: 472574

Ion Ratio Lower Upper

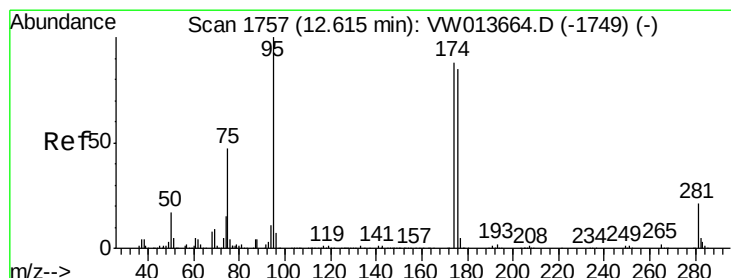
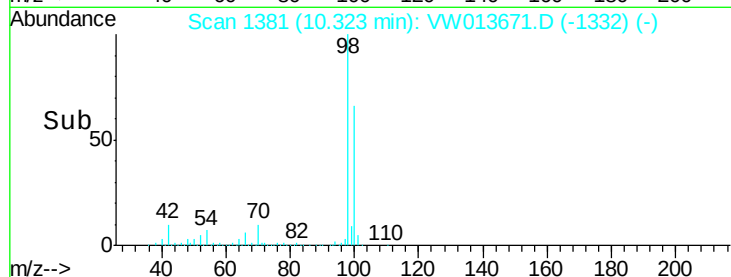
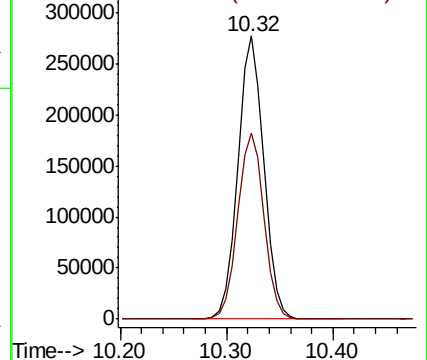
98 100

100 66.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.336 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013671.D

Acq: 23 Oct 2019 17:06

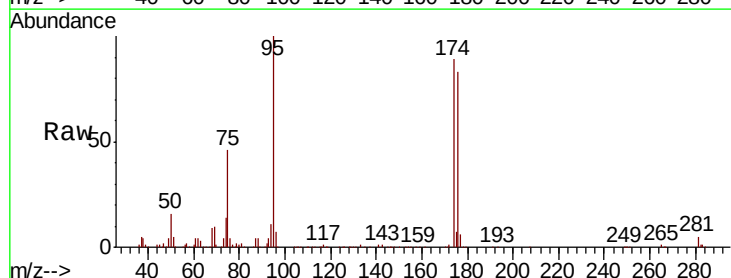
Tgt Ion: 95 Resp: 148856

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.6

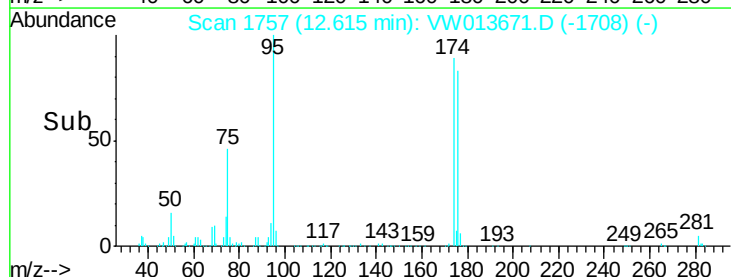
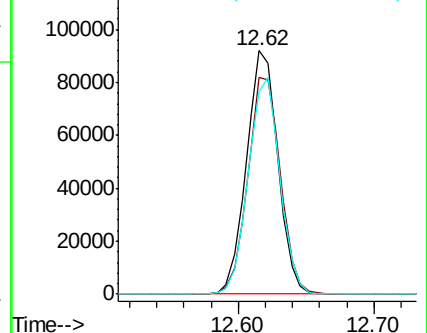
176 89.3 0.0 178.0

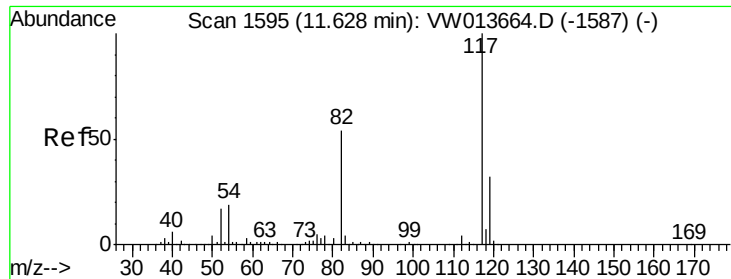


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

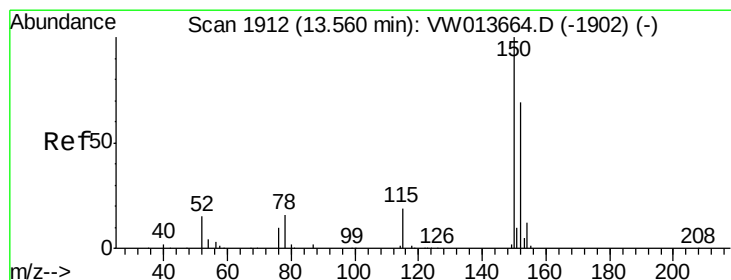
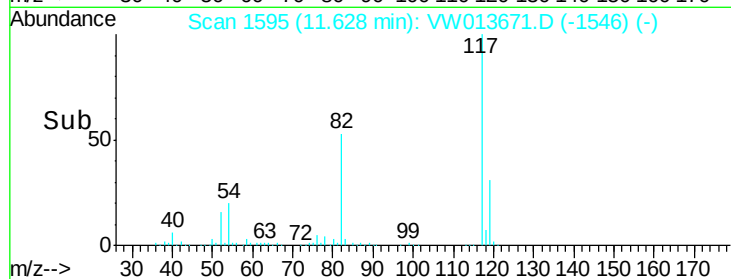
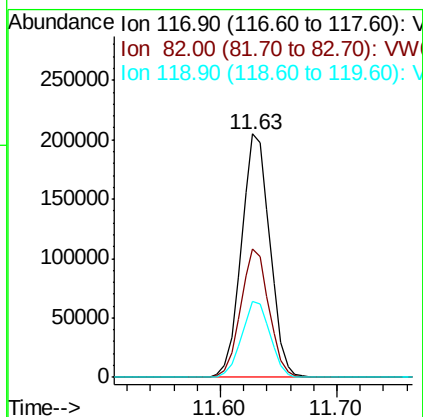
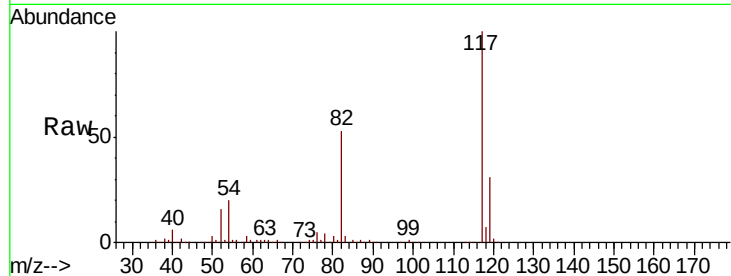




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Instrument :
MSVOA_W
ClientSampleId :
186-14-(2.1)

Tot Ion:117 Resp: 348720
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013671.D
Acq: 23 Oct 2019 17:06

Tgt Ion:152 Resp: 157395
Ion Ratio Lower Upper
152 100
115 54.1 27.4 82.2
150 157.4 0.0 345.4

