

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008174.D
 Acq On : 11 Jan 2019 04:13
 Operator : SY/AP
 Sample : K1005-05
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-010918-C

Quant Time: Jan 11 07:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58914	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54768	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	50477	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.32	98	206494	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	67332	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	

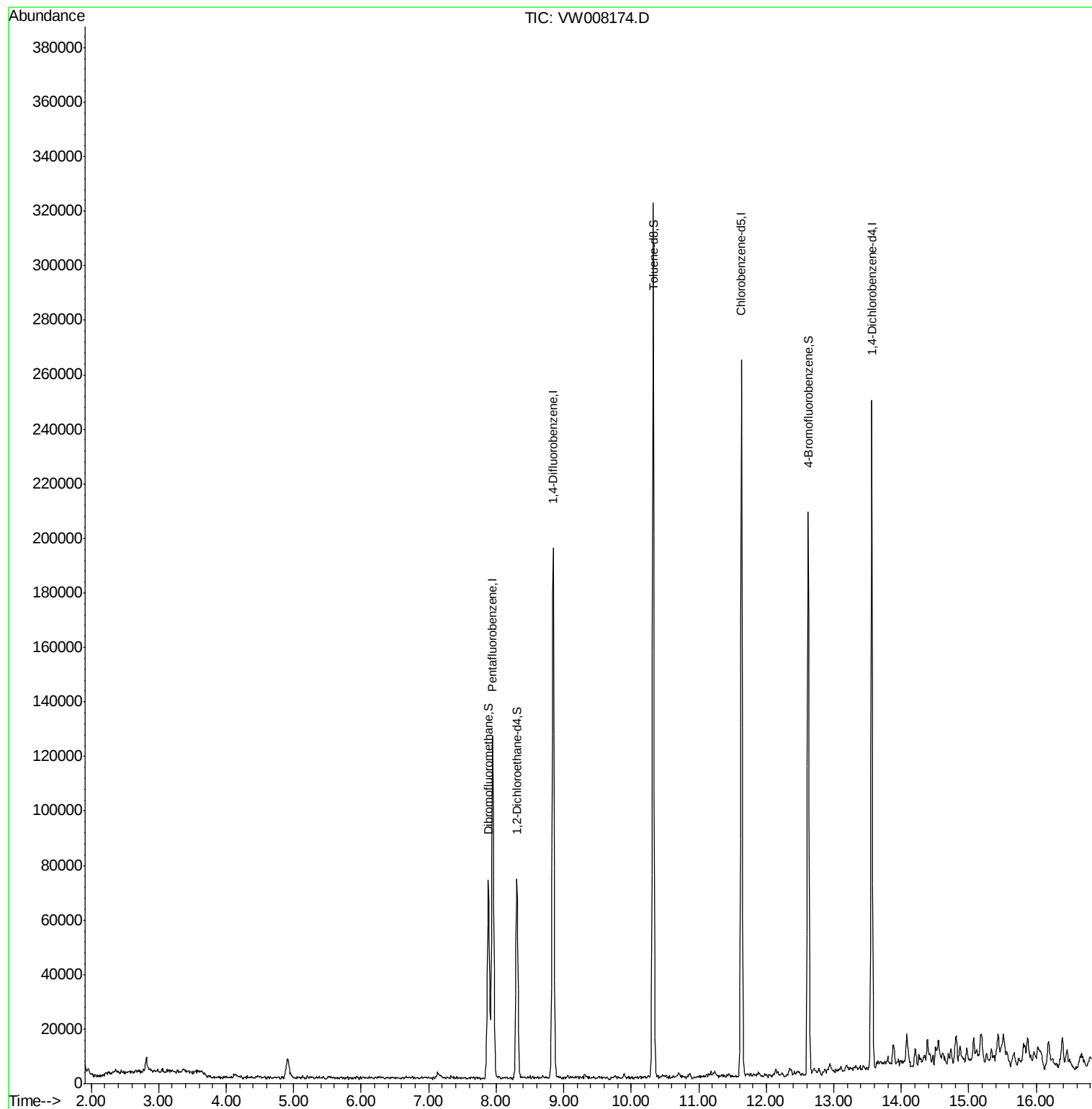
Target Compounds	Qvalue

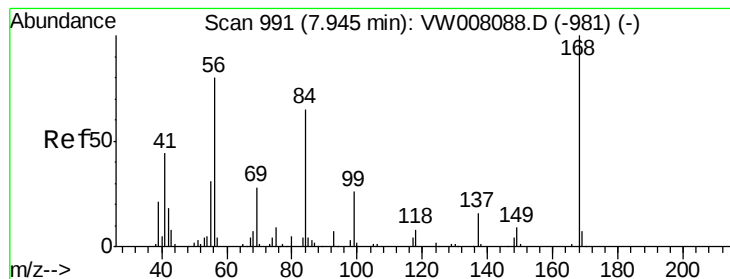
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008174.D

Acq: 11 Jan 2019 04:13

Instrument :

MSVOA_W

ClientSampleId :

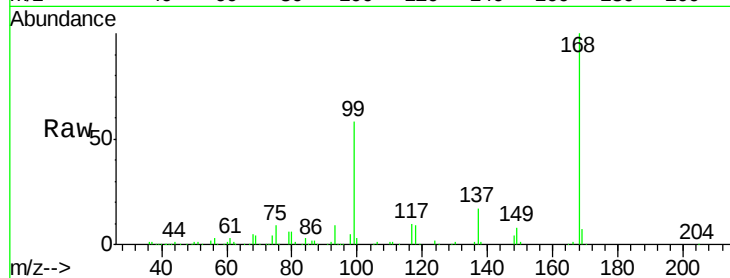
HR-06-010918-C

Tot Ion:168 Resp: 88978

Ion Ratio Lower Upper

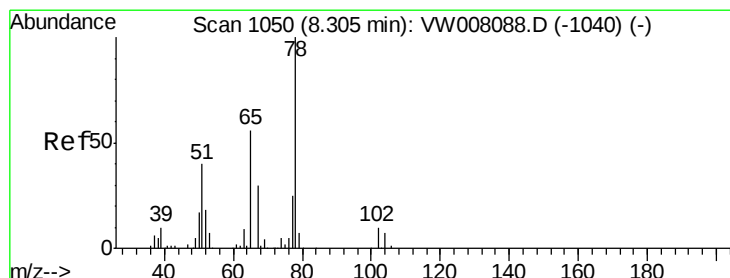
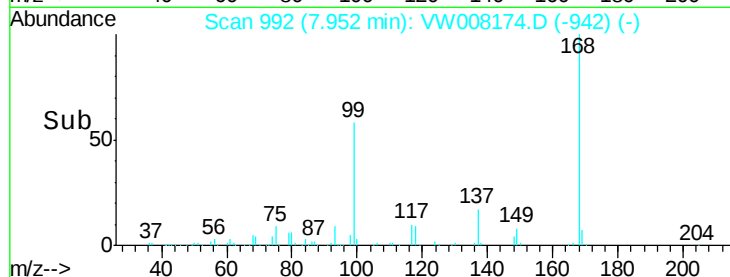
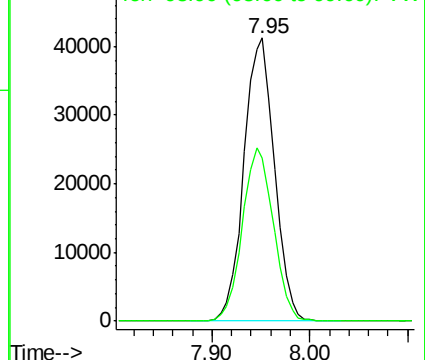
168 100

99 57.8 52.6 78.8



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: 54.766 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008174.D

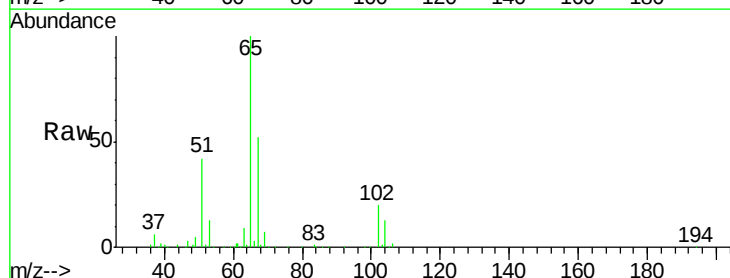
Acq: 11 Jan 2019 04:13

Tgt Ion: 65 Resp: 54768

Ion Ratio Lower Upper

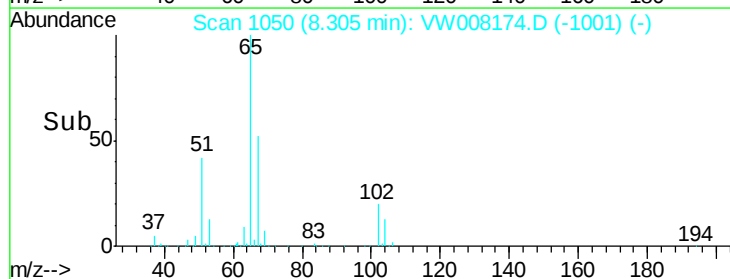
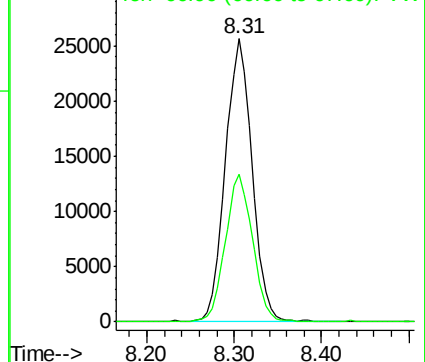
65 100

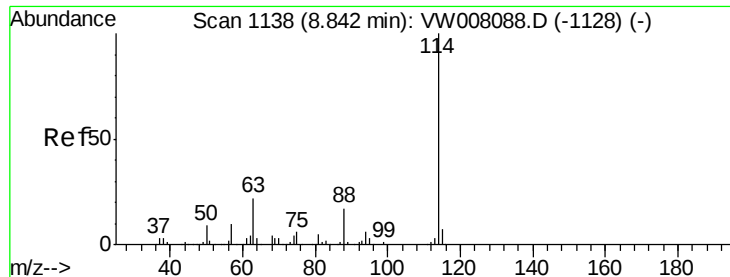
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

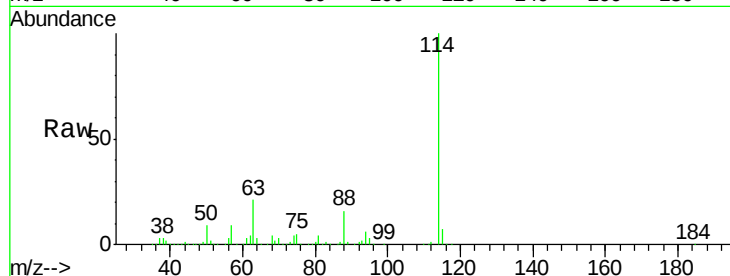




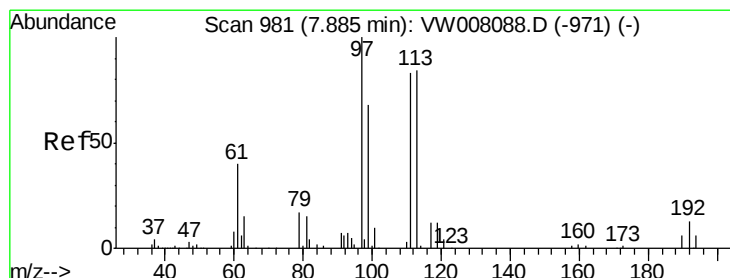
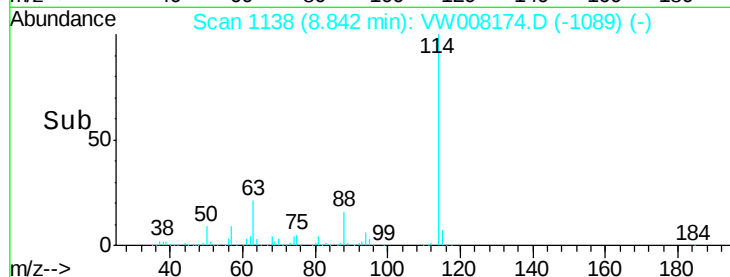
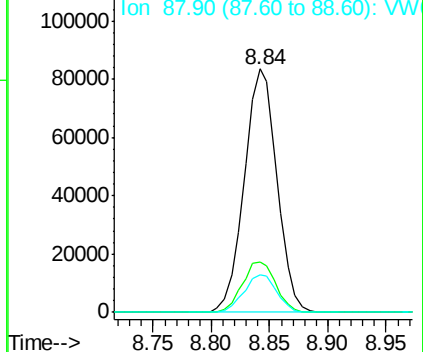
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008174.D
 Acq: 11 Jan 2019 04:13

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-010918-C

Tot Ion:114 Resp: 163579
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.6 0.0 33.4

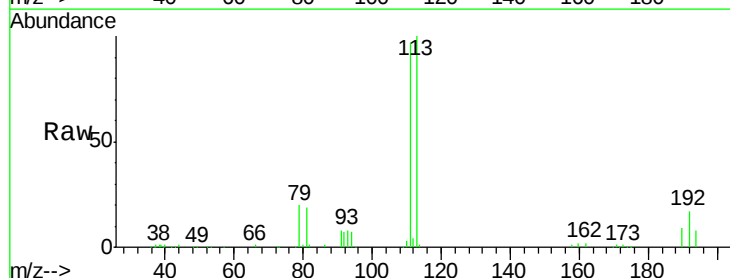


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

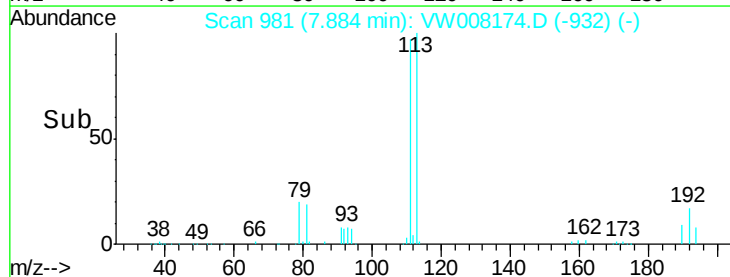
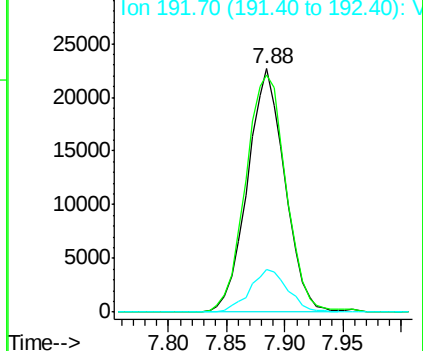


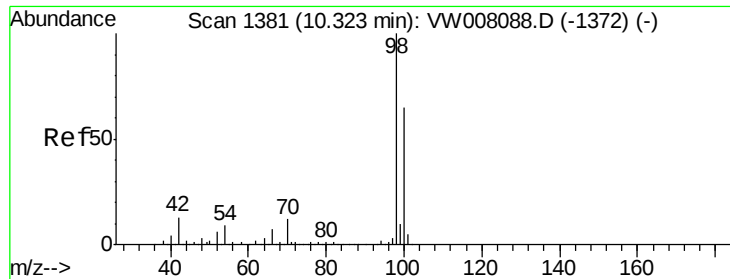
#35
 Dibromofluoromethane
 Concen: 52.908 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008174.D
 Acq: 11 Jan 2019 04:13

Tgt Ion:113 Resp: 50477
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.8 122.8
 192 17.6 12.8 19.2



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: 51.577 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008174.D

Acq: 11 Jan 2019 04:13

Instrument :

MSVOA_W

ClientSampleId :

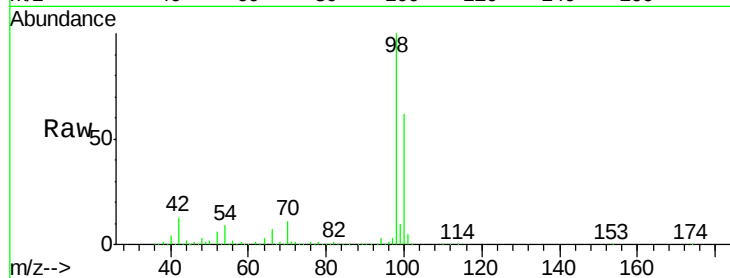
HR-06-010918-C

Tot Ion: 98 Resp: 206494

Ion Ratio Lower Upper

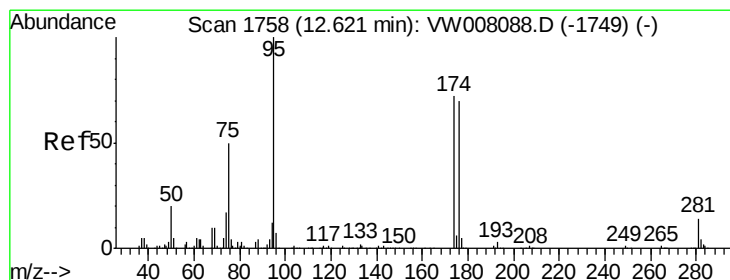
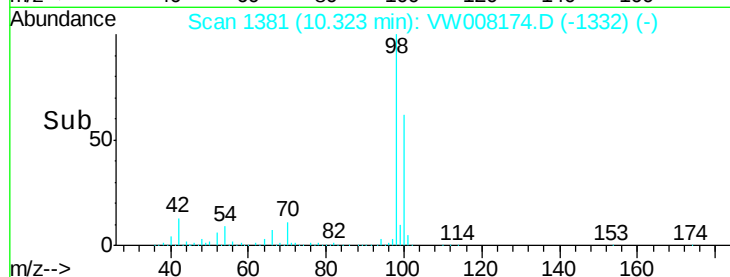
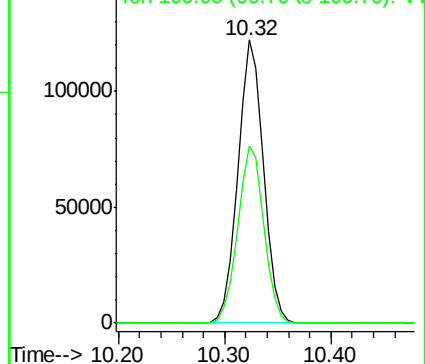
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.912 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008174.D

Acq: 11 Jan 2019 04:13

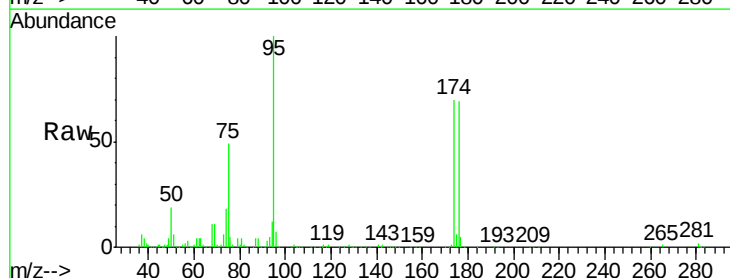
Tgt Ion: 95 Resp: 67332

Ion Ratio Lower Upper

95 100

174 71.0 0.0 143.0

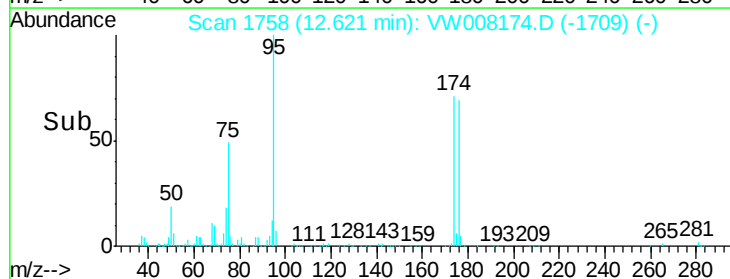
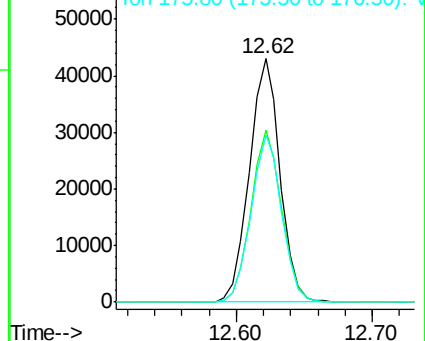
176 69.0 0.0 140.2

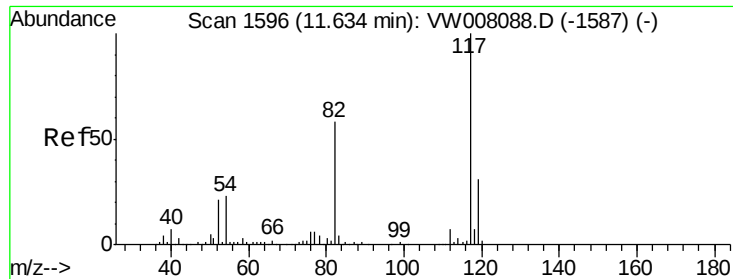


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

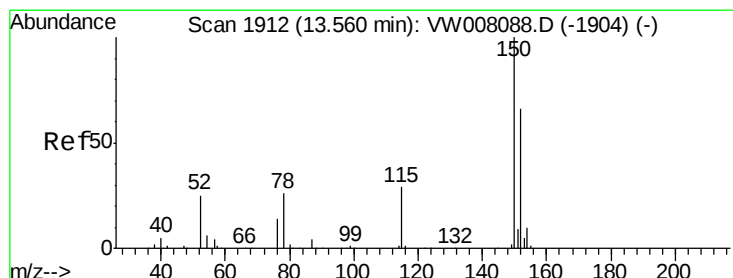
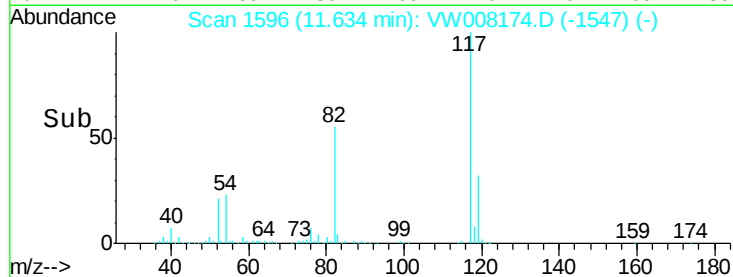
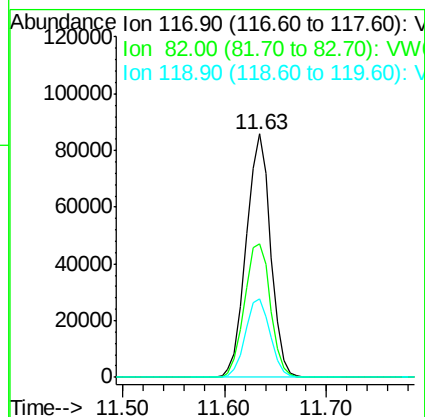
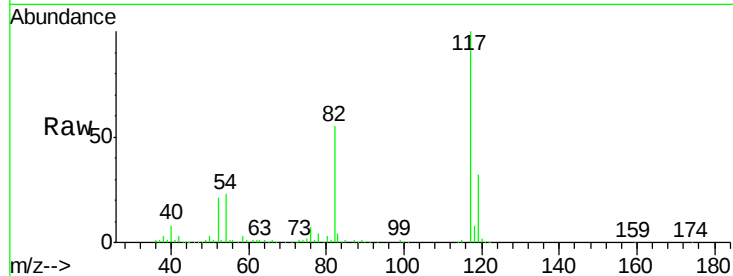




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008174.D
Acq: 11 Jan 2019 04:13

Instrument :
MSVOA_W
ClientSampleId :
HR-06-010918-C

Tot Ion:117 Resp: 142631
Ion Ratio Lower Upper
117 100
82 55.0 46.4 69.6
119 32.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008174.D
Acq: 11 Jan 2019 04:13

Tgt Ion:152 Resp: 58914
Ion Ratio Lower Upper
152 100
115 61.6 30.8 92.4
150 160.6 0.0 350.2

