

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008354.D
 Acq On : 18 Jan 2019 14:22
 Operator : SY/VA
 Sample : K1157-08
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-04-011519

Quant Time: Jan 19 02:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	123560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	54205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	47900	66.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.22%	
35) Dibromofluoromethane	7.88	113	43384	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	10.32	98	174110	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.62	95	55036	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	

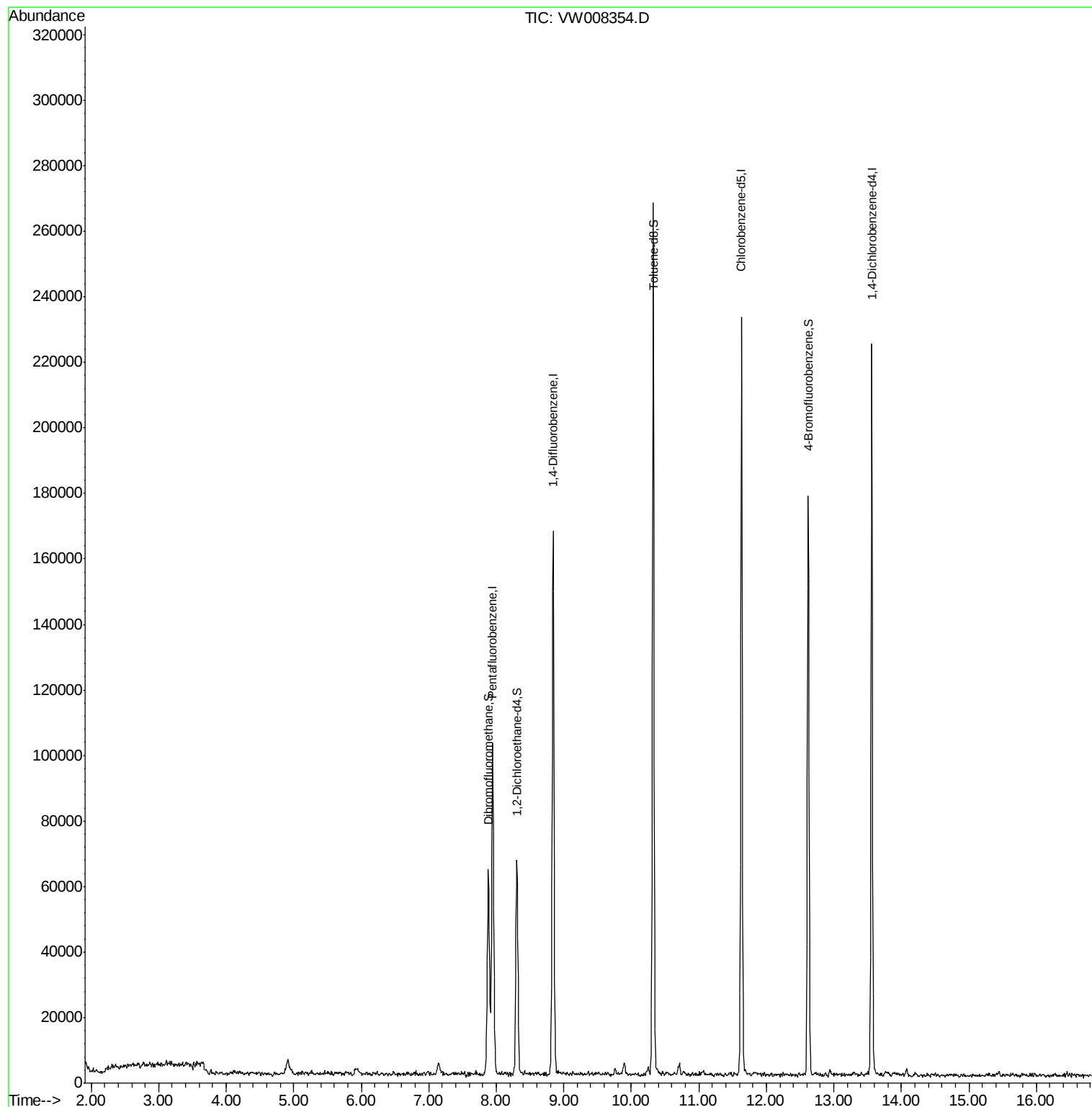
Target Compounds	Qvalue
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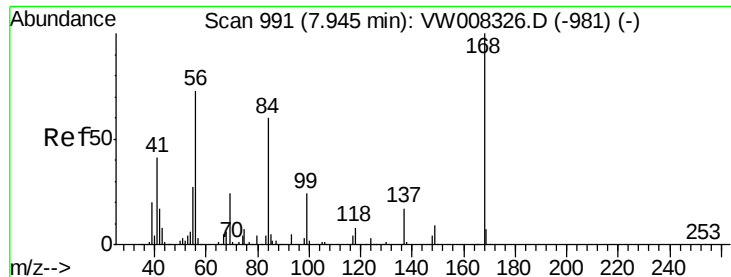
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008354.D

Acq: 18 Jan 2019 14:22

Instrument :

MSVOA_W

ClientSampleId :

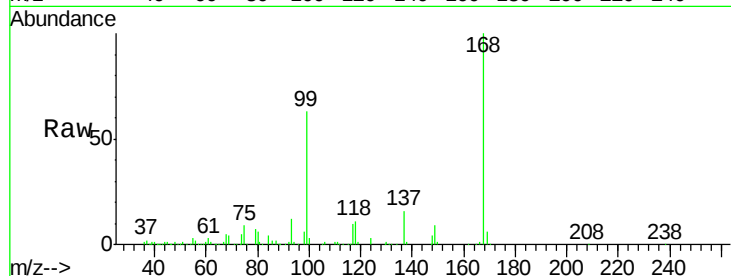
WC-04-011519

Tot Ion:168 Resp: 69131

Ion Ratio Lower Upper

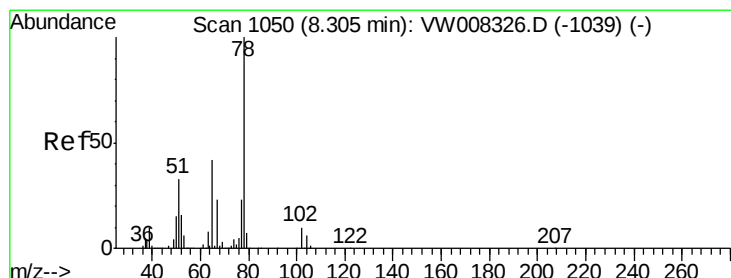
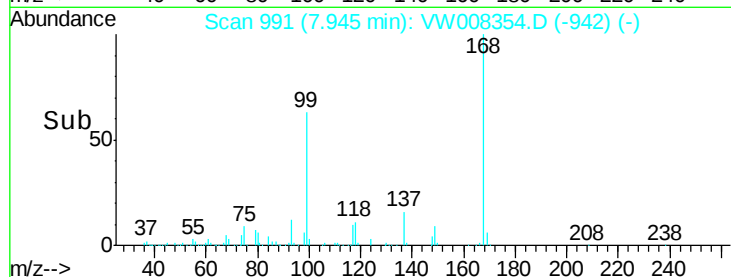
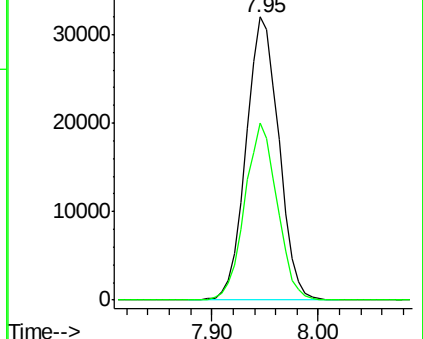
168 100

99 62.6 44.6 66.8



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: 66.609 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008354.D

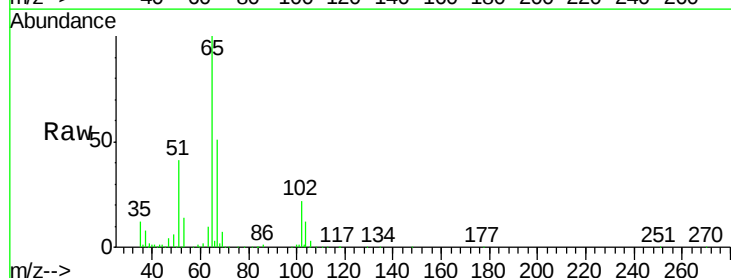
Acq: 18 Jan 2019 14:22

Tgt Ion: 65 Resp: 47900

Ion Ratio Lower Upper

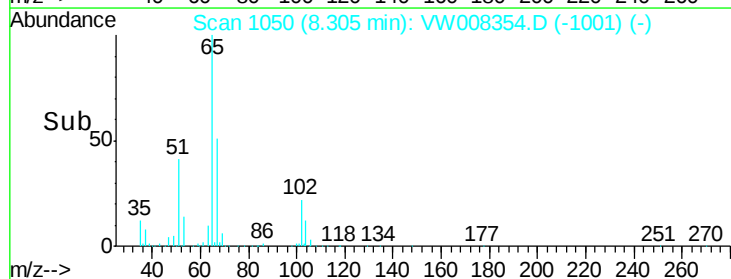
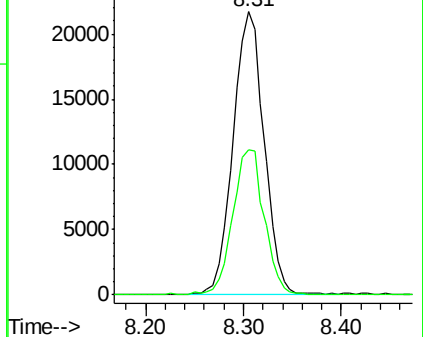
65 100

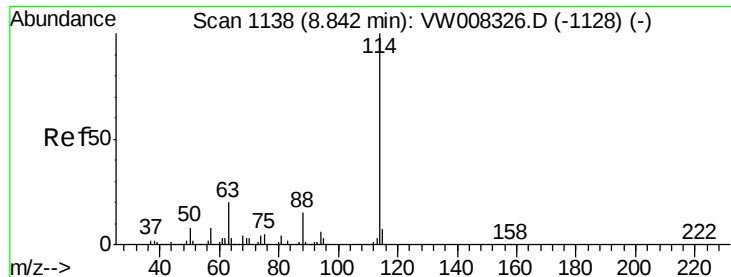
67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

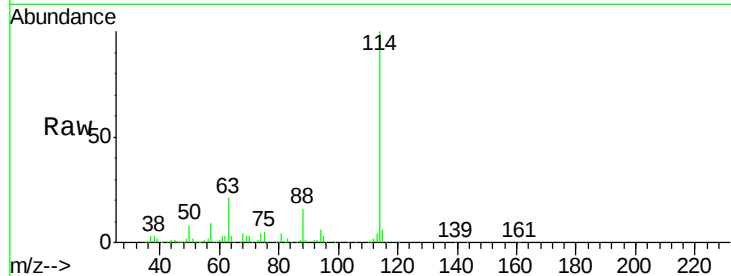




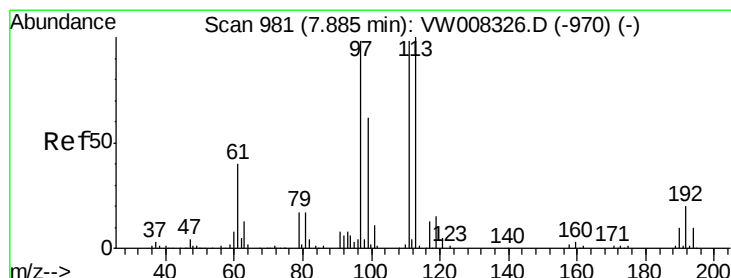
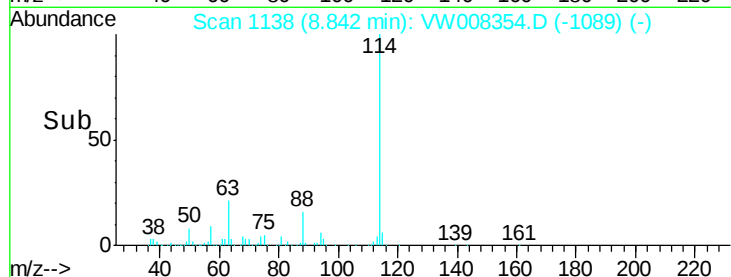
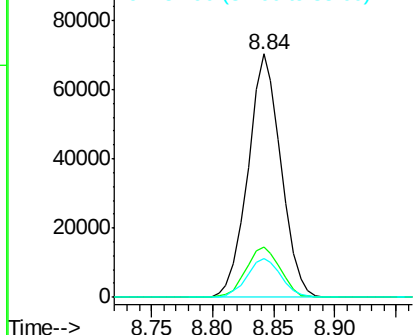
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008354.D
 Acq: 18 Jan 2019 14:22

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-04-011519

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	15.7	0.0	30.4

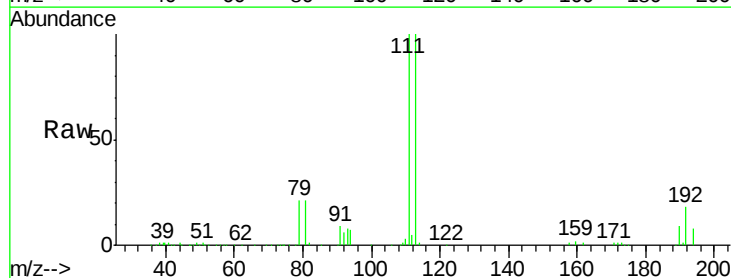


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

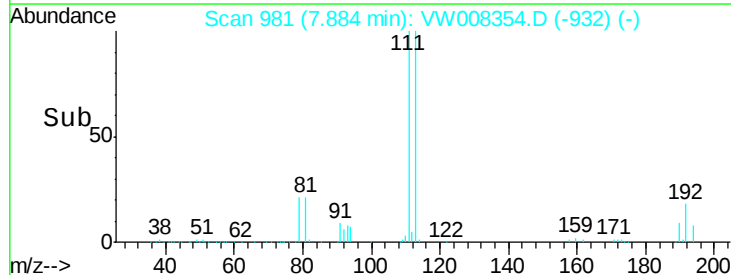
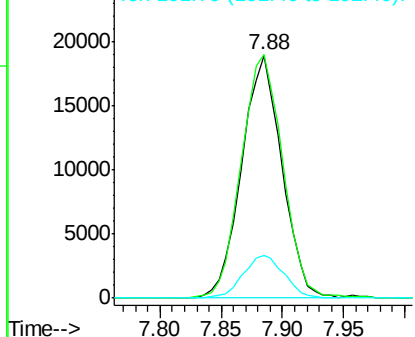


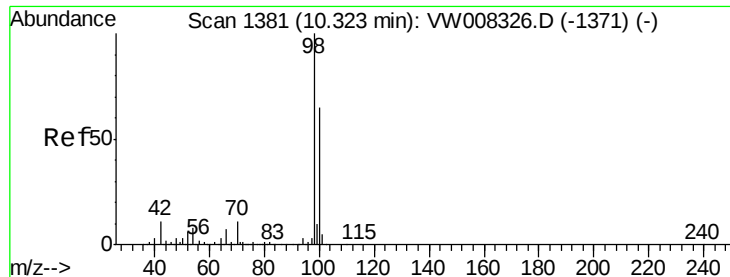
#35
 Dibromofluoromethane
 Concen: 51.667 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008354.D
 Acq: 18 Jan 2019 14:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	17.9	16.3	24.5



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: 52.781 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008354.D

Acq: 18 Jan 2019 14:22

Instrument :

MSVOA_W

ClientSampleId :

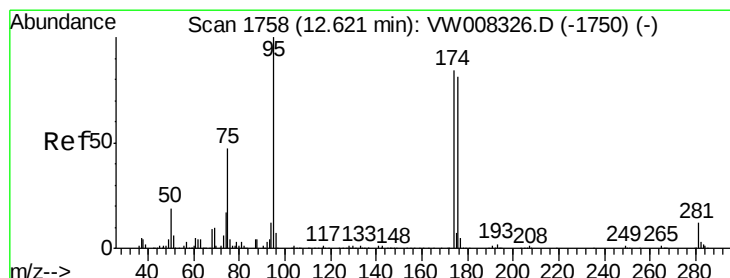
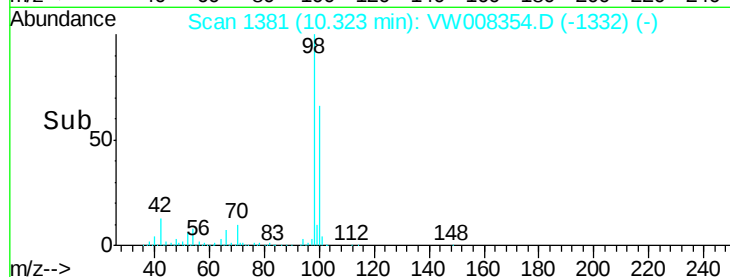
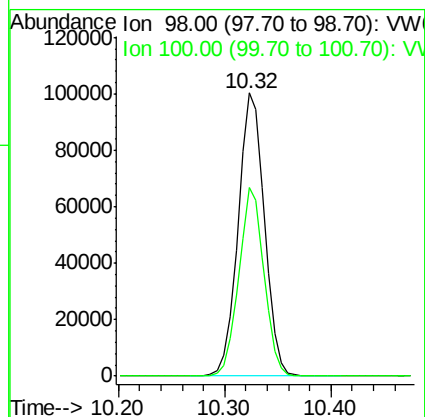
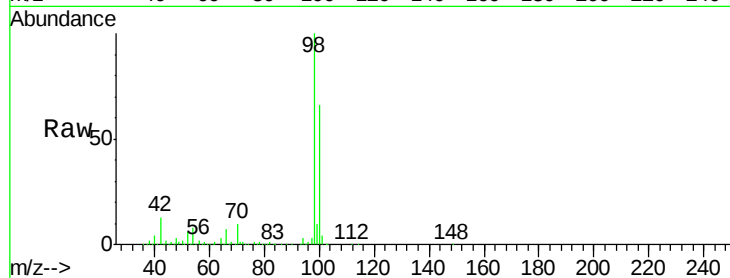
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Tot Ion: 98 Resp: 174110

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 46.519 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008354.D

Acq: 18 Jan 2019 14:22

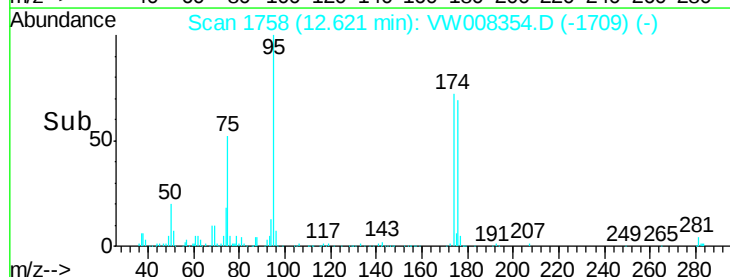
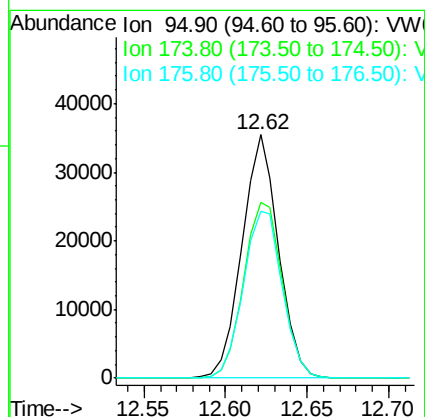
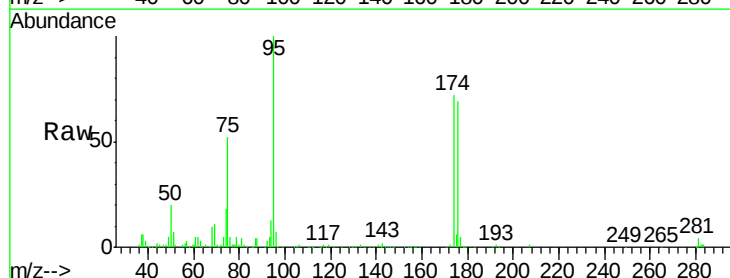
Tgt Ion: 95 Resp: 55036

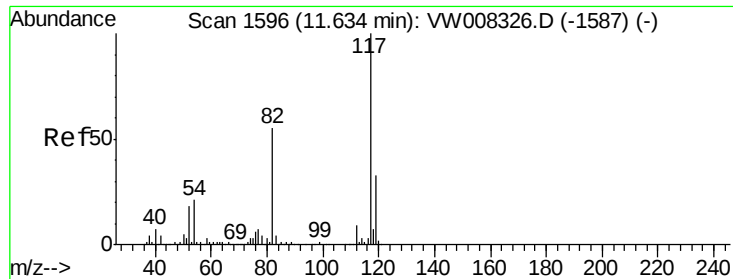
Ion Ratio Lower Upper

95 100

174 76.9 0.0 166.0

176 73.6 0.0 160.0

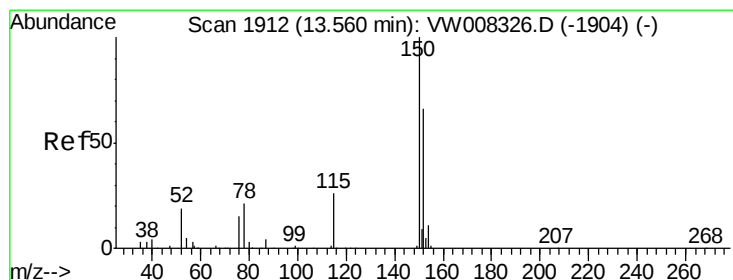
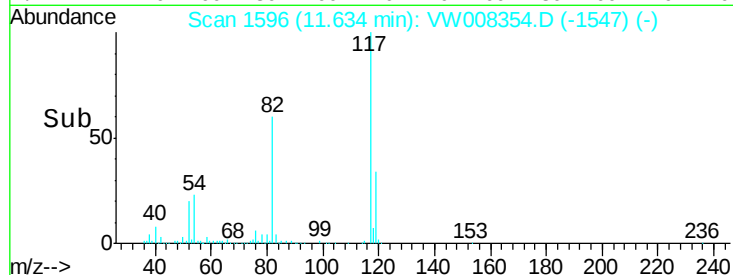
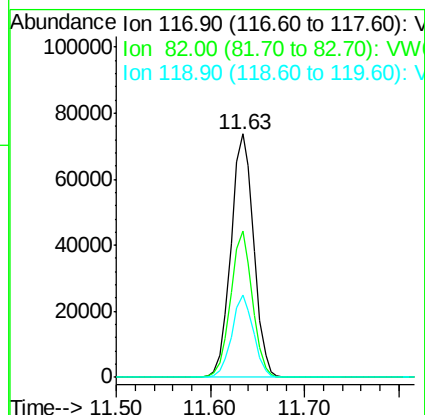
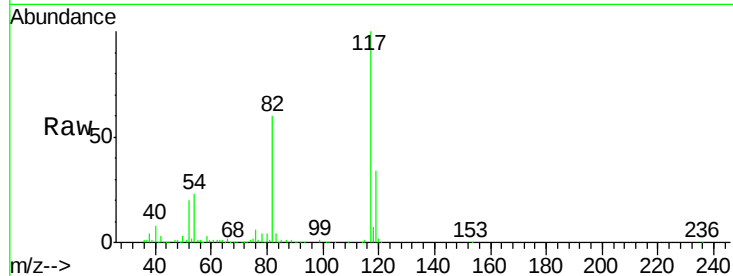




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008354.D
Acq: 18 Jan 2019 14:22

Instrument :
MSVOA_W
ClientSampleId :
WC-04-011519

Tot Ion:117 Resp: 123560
Ion Ratio Lower Upper
117 100
82 59.9 44.3 66.5
119 33.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008354.D
Acq: 18 Jan 2019 14:22

Tgt Ion:152 Resp: 54205
Ion Ratio Lower Upper
152 100
115 60.7 28.8 86.4
150 158.0 0.0 351.4

