

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052919\
 Data File : VW010588.D
 Acq On : 29 May 2019 13:56
 Operator : SY/VA
 Sample : K3072-05
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: May 30 07:31:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

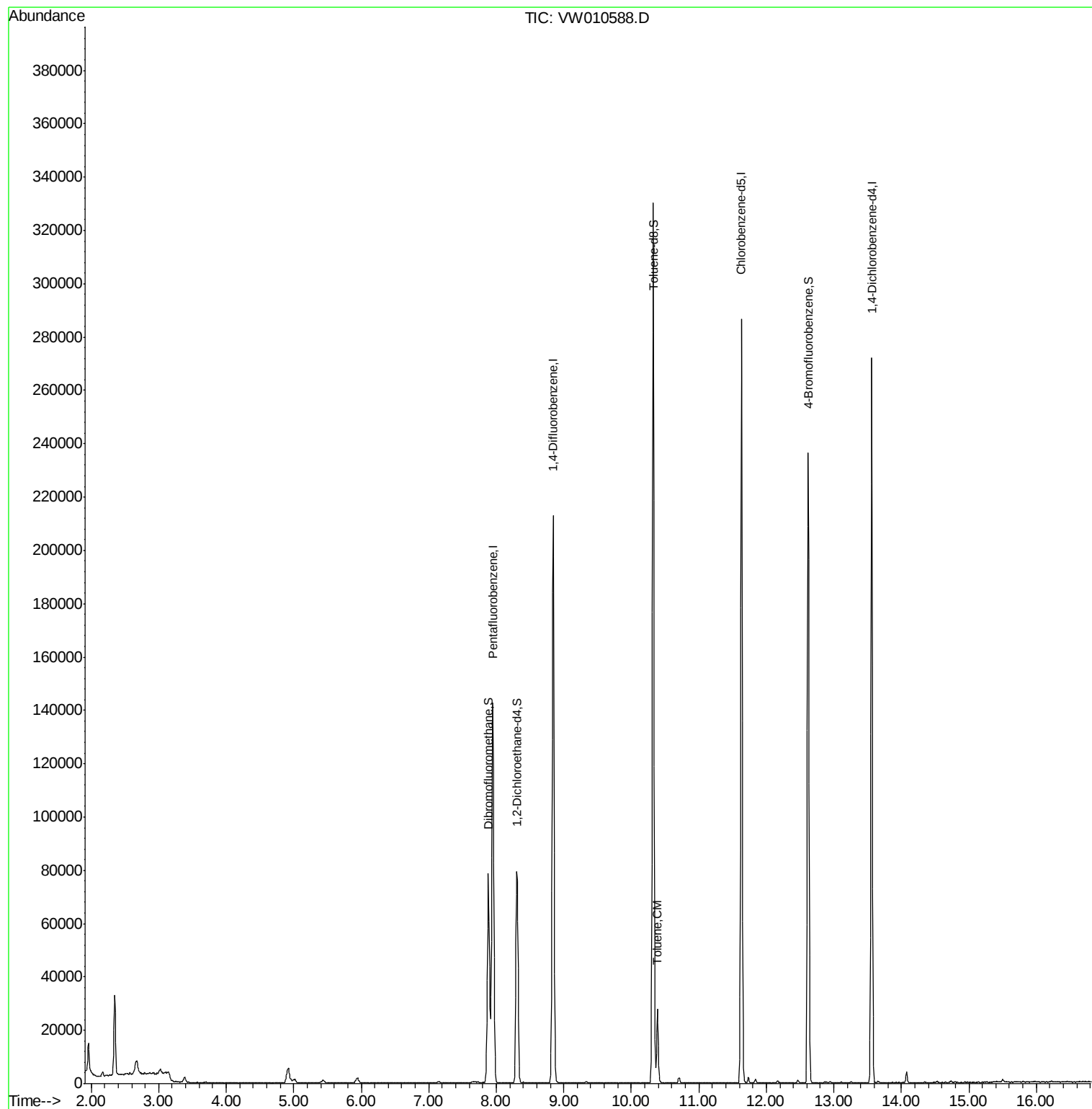
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	167307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	72003	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	62715	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	57851	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
50) Toluene-d8	10.32	98	231491	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.62	95	85384	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
52) Toluene	10.39	92	12701	3.857	ug/l	Qvalue 94

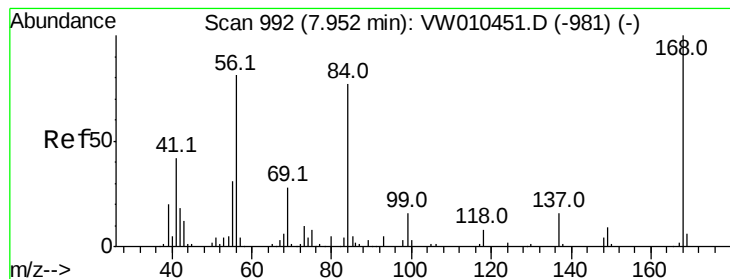
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

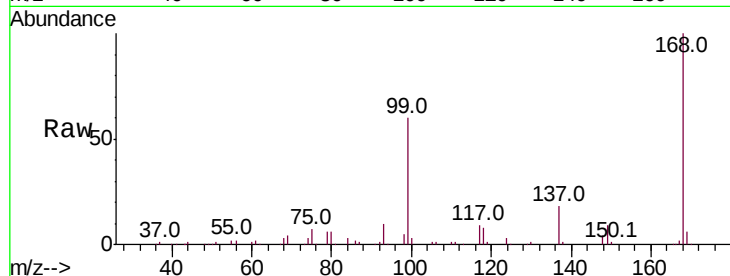
Instrument :
MSVOA_W
ClientSampled :
TP-5

Tot Ion:168 Resp: 107174

Ion Ratio Lower Upper

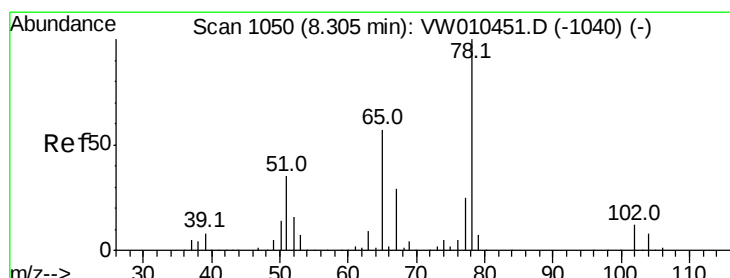
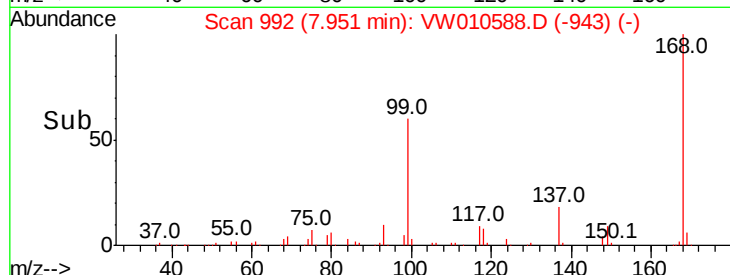
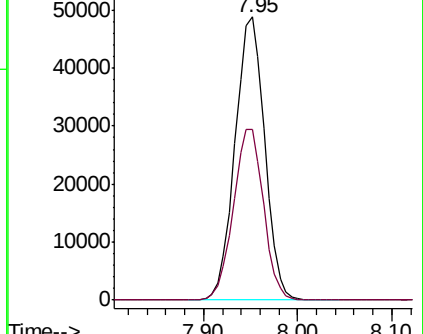
168 100

99 60.1 46.1 69.1



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: 56.693 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010588.D

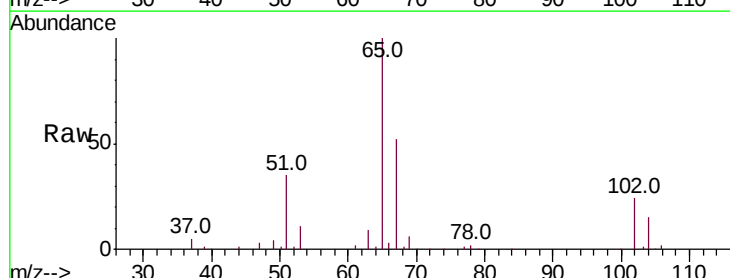
Acq: 29 May 2019 13:56

Tgt Ion: 65 Resp: 62715

Ion Ratio Lower Upper

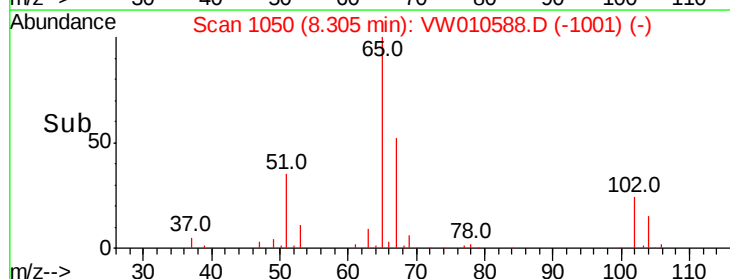
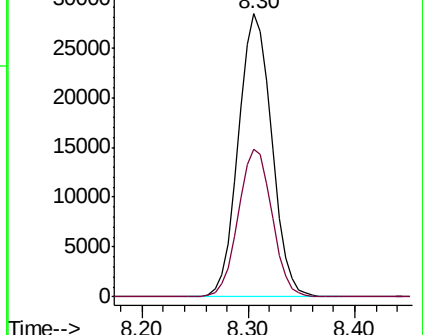
65 100

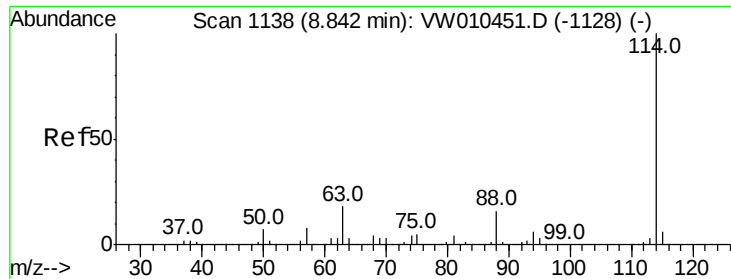
67 52.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

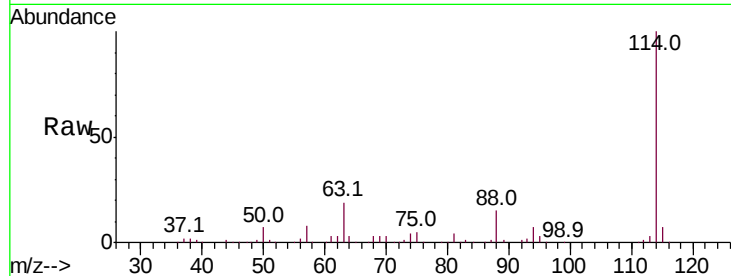




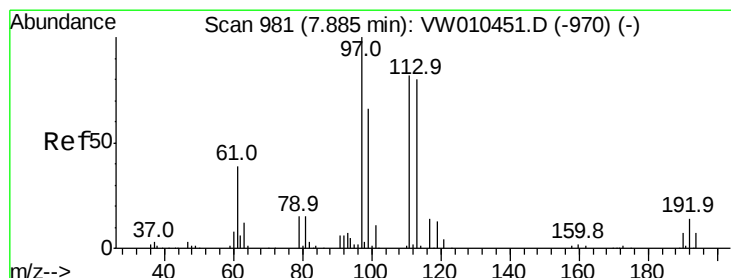
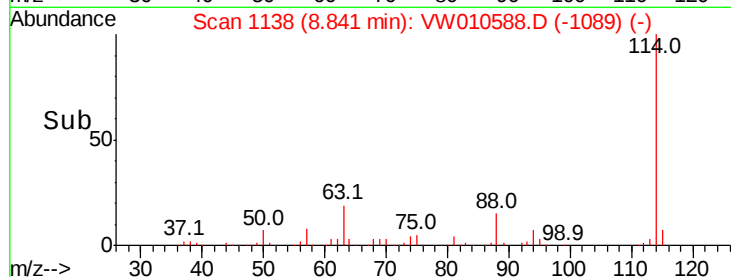
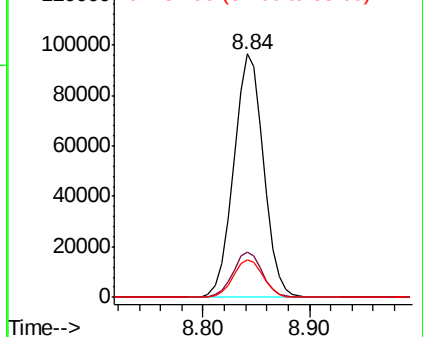
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Tot Ion:	114	Resp:	189400
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.0
88	15.3	0.0	32.0

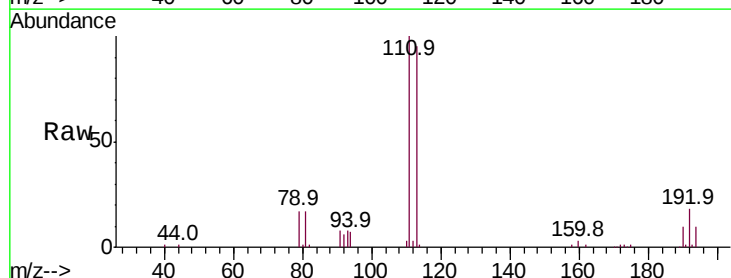


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

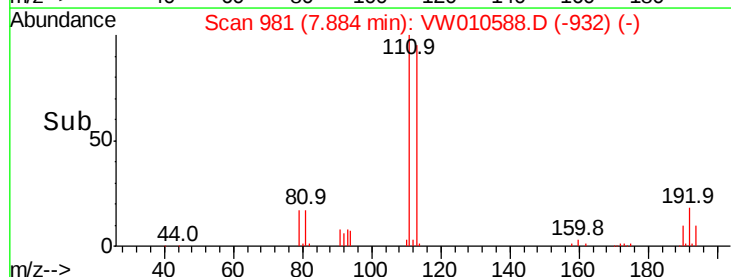
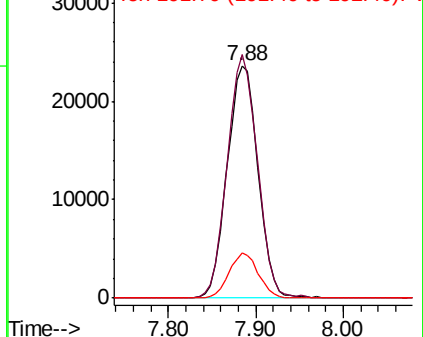


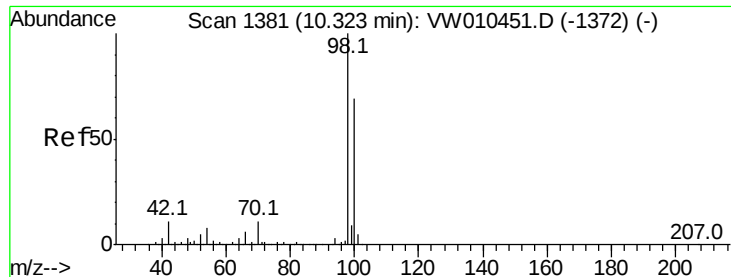
#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

Tgt Ion:	113	Resp:	57851
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	18.2	14.3	21.5



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: 52.727 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010588.D

Acq: 29 May 2019 13:56

Instrument :

MSVOA_W

ClientSampled :

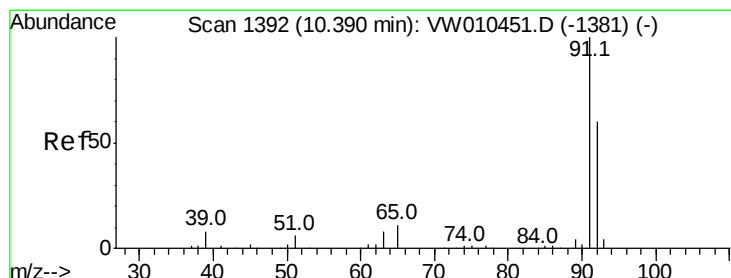
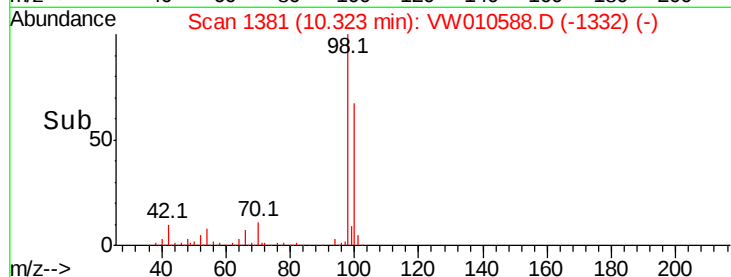
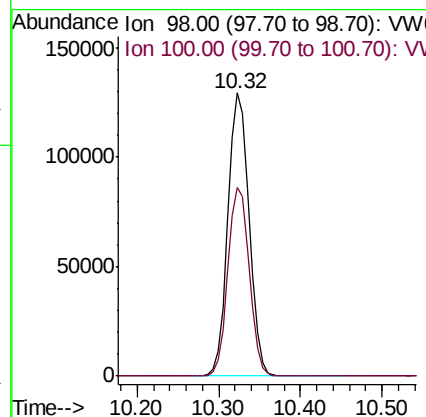
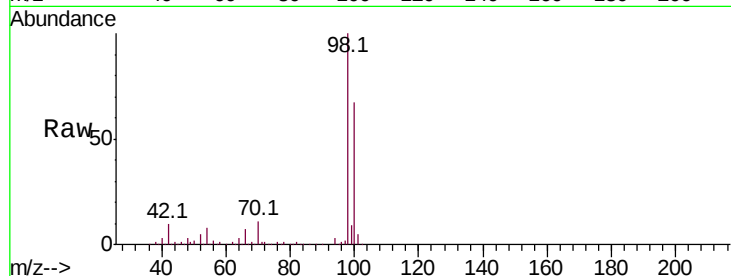
TP-5

Tot Ion: 98 Resp: 231491

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



#52

Toluene

Concen: 3.857 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010588.D

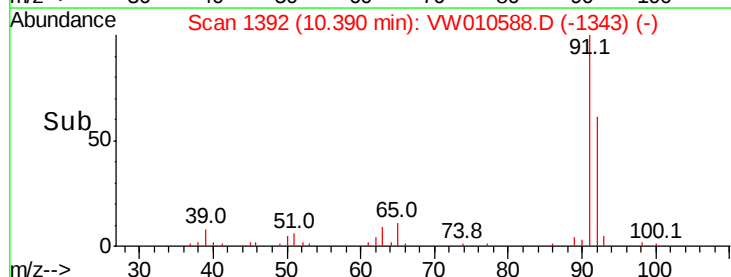
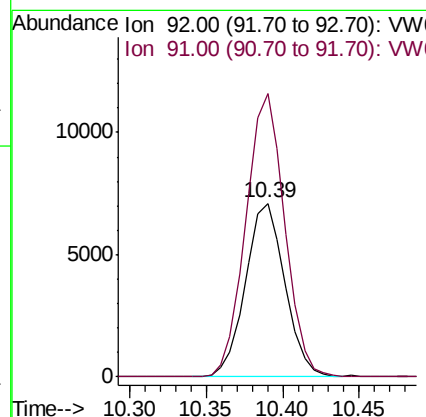
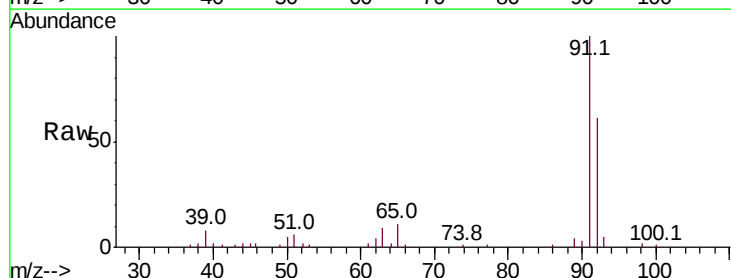
Acq: 29 May 2019 13:56

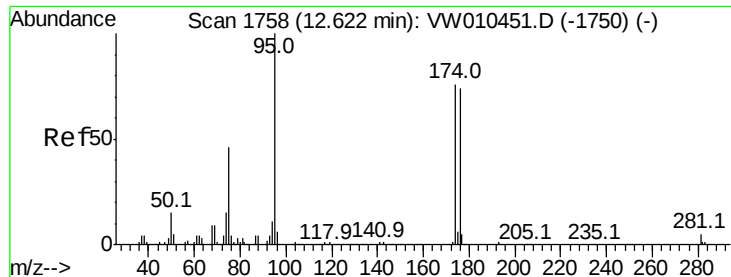
Tgt Ion: 92 Resp: 12701

Ion Ratio Lower Upper

92 100

91 160.7 135.4 203.0

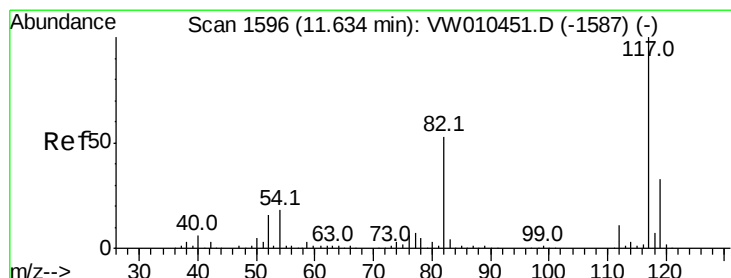
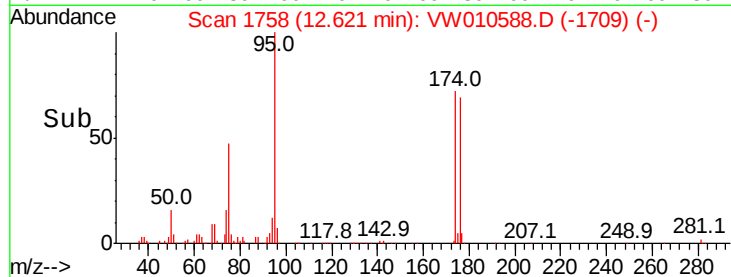
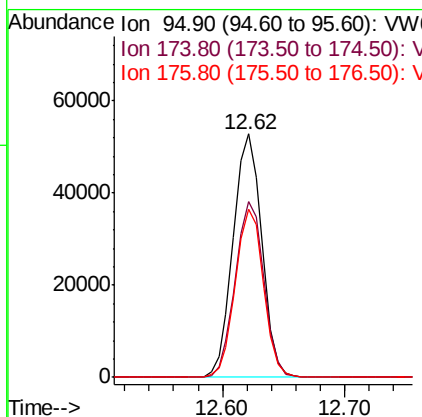
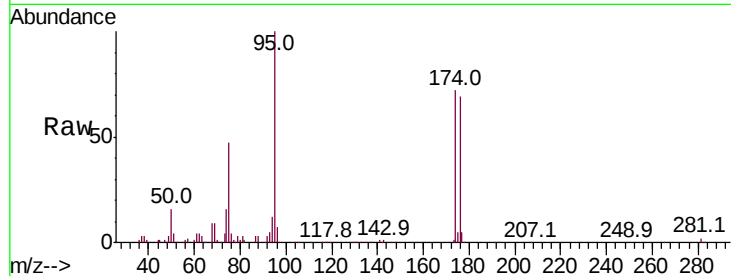




#62
4-Bromofluorobenzene
Concen: 48.826 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010588.D
Acq: 29 May 2019 13:56

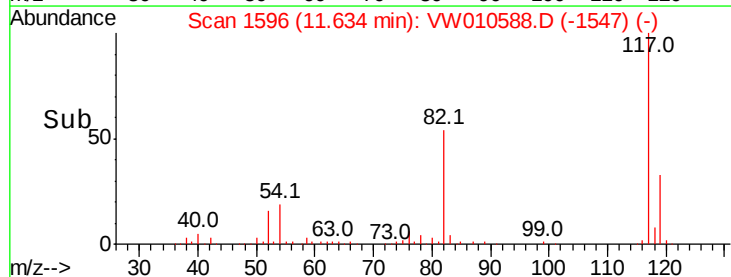
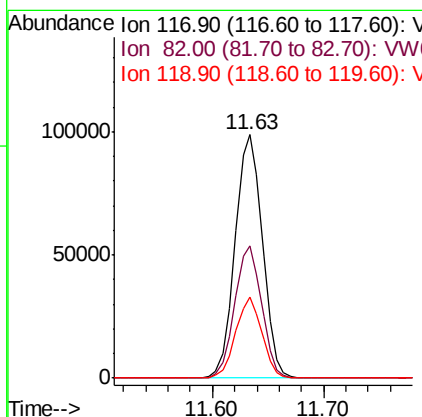
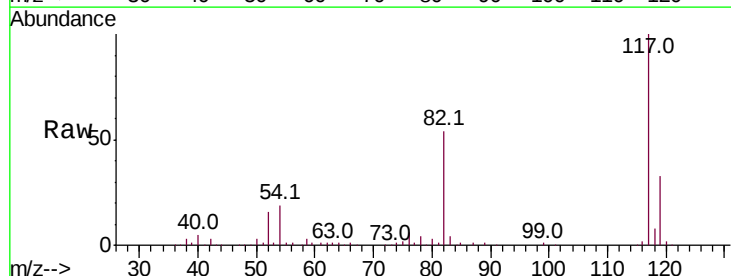
Instrument :
MSVOA_W
ClientSampleId :
TP-5

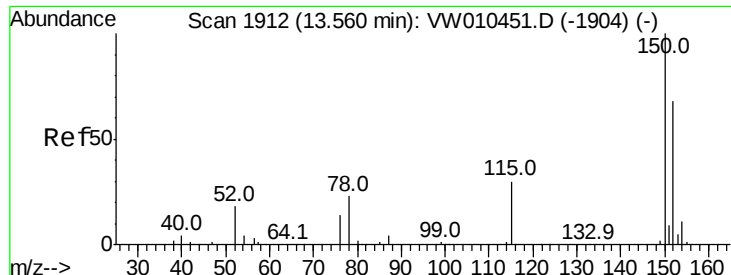
Tot Ion: 95 Resp: 85384
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.6
176 67.8 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010588.D
Acq: 29 May 2019 13:56

Tgt Ion: 117 Resp: 167307
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 33.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010588.D
 Acq: 29 May 2019 13:56

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Tot Ion:152 Resp: 72003
 Ion Ratio Lower Upper
 152 100
 115 62.8 30.3 91.0
 150 158.2 0.0 349.8

