

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010773.D
 Acq On : 12 Jun 2019 12:49
 Operator : SY/VA
 Sample : VW0612SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0612SBL01

Quant Time: Jun 13 07:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135437	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.88	113	106087	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.32	98	466602	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.62	95	165297	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

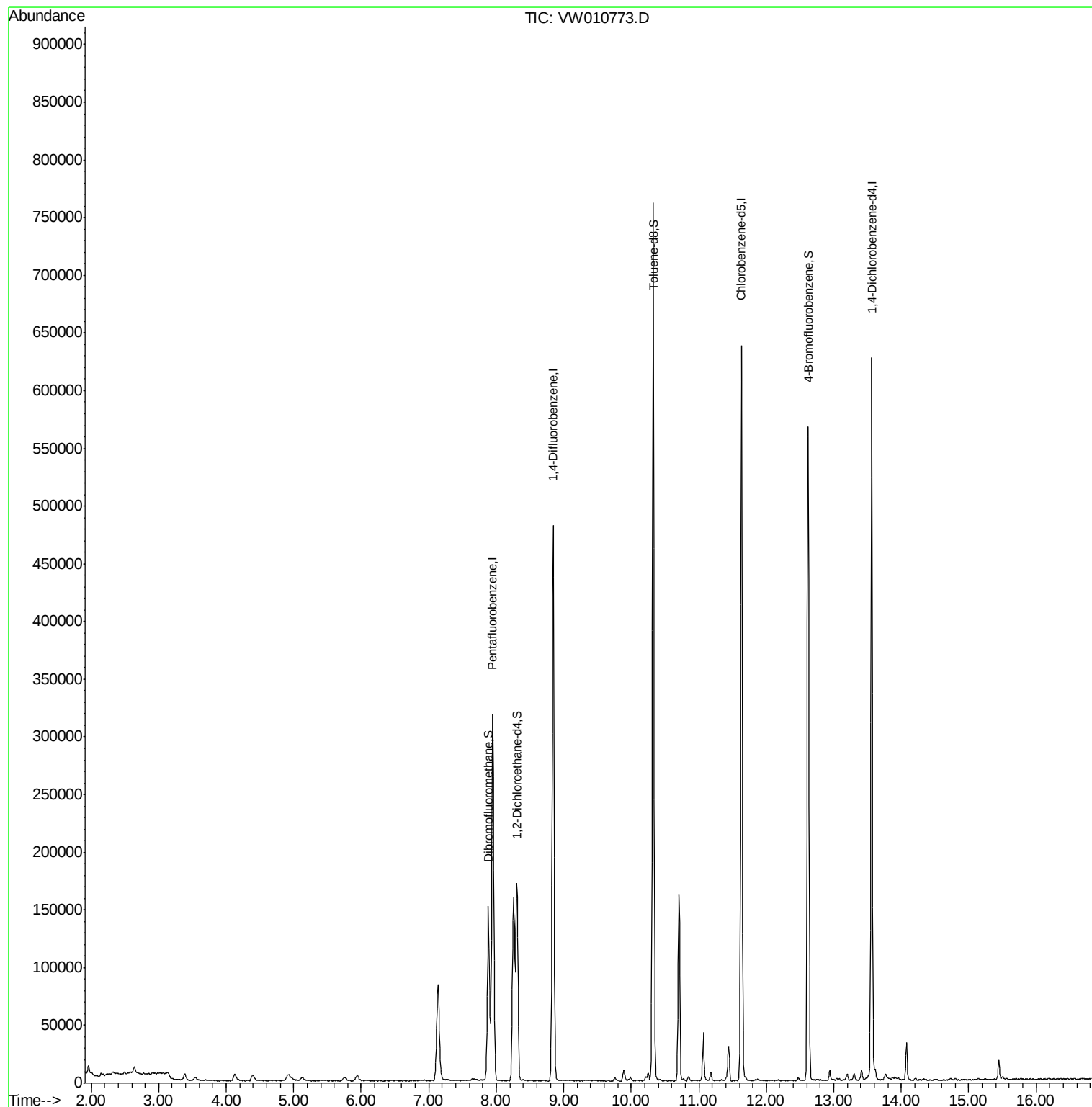
Target Compounds	Qvalue

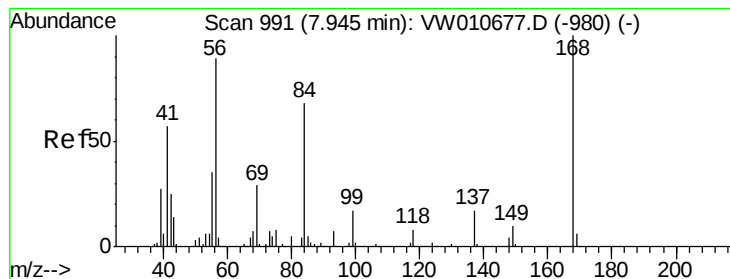
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 12 Jun 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

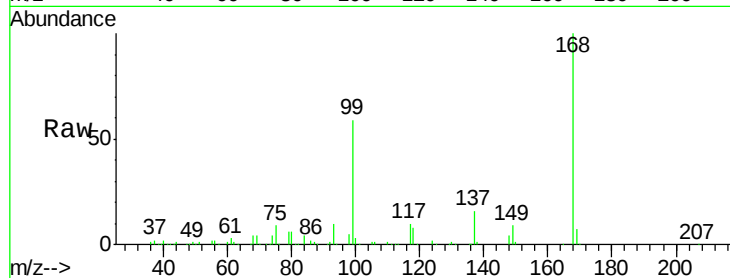
VW0612SBL01

Tot Ion:168 Resp: 233834

Ion Ratio Lower Upper

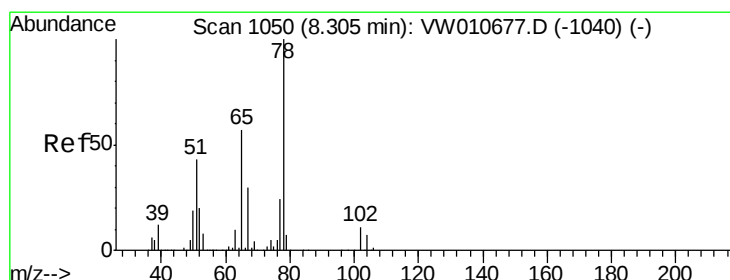
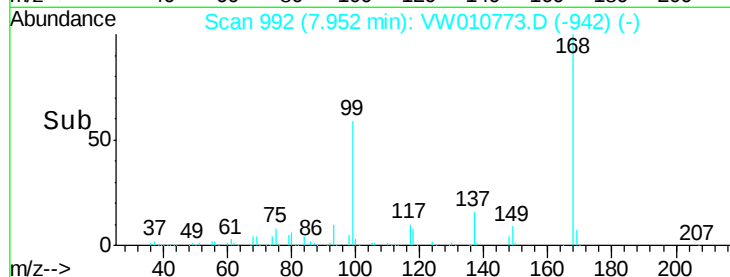
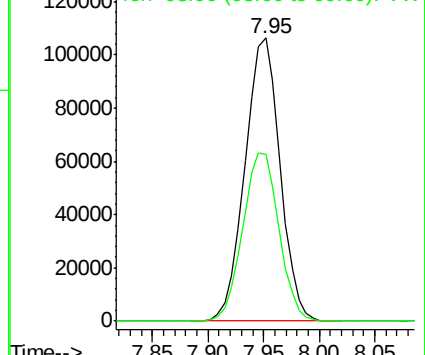
168 100

99 59.2 47.7 71.5



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: 49.140 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010773.D

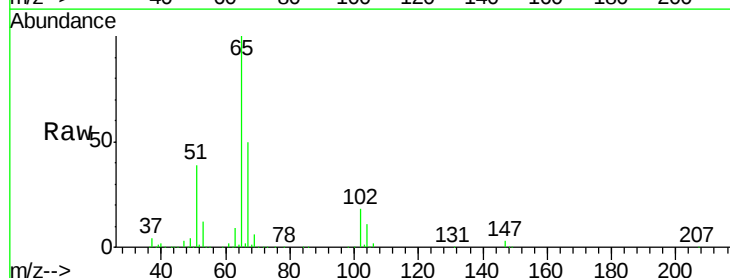
Acq: 12 Jun 2019 12:49

Tgt Ion: 65 Resp: 135437

Ion Ratio Lower Upper

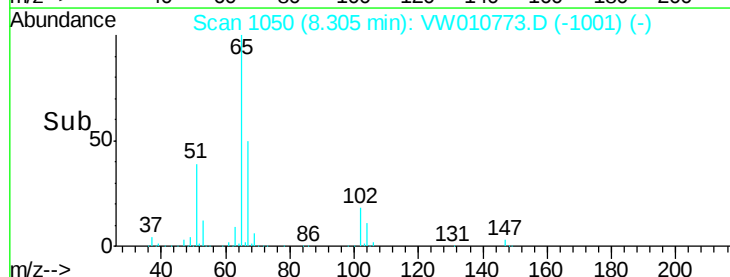
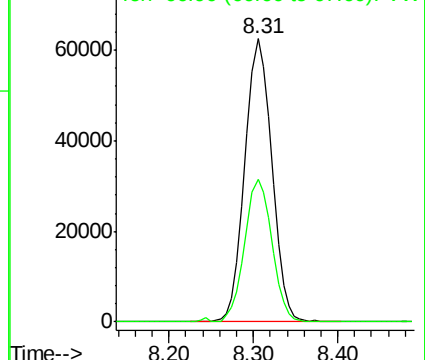
65 100

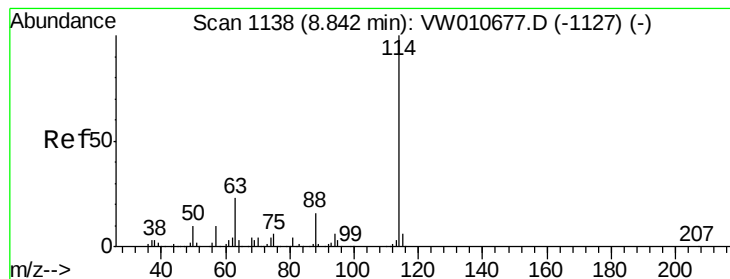
67 50.9 0.0 102.6



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: VW010773.D

Acq: 12 Jun 2019 12:49

Instrument :

MSVOA_W

ClientSampleId :

VW0612SBL01

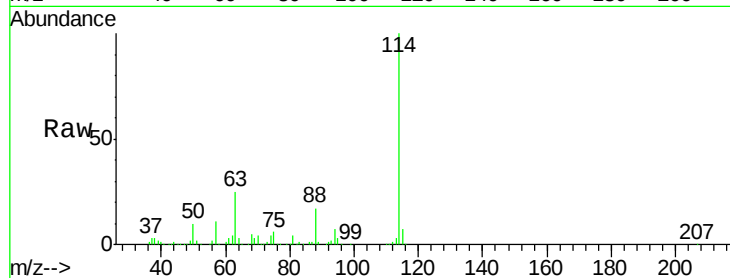
Tot Ion:114 Resp: 374276

Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

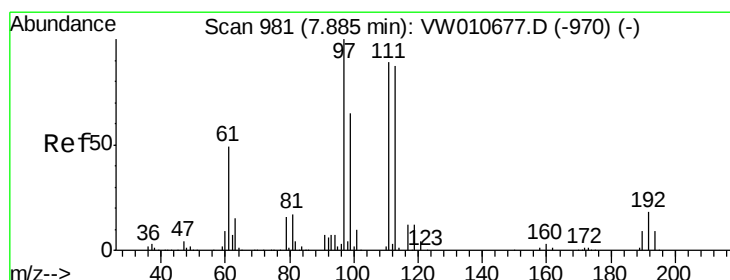
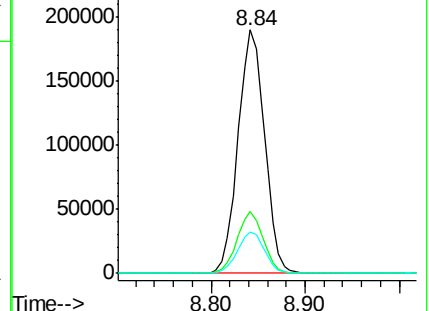
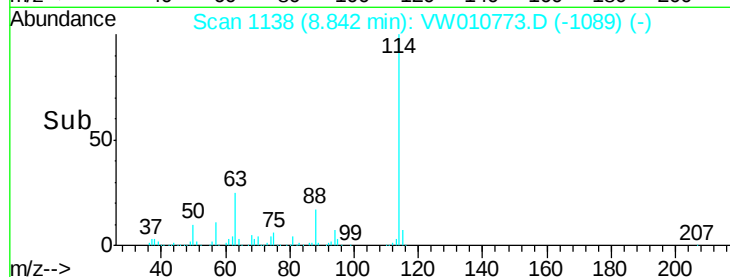
88 17.0 0.0 32.2



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: 52.221 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010773.D

Acq: 12 Jun 2019 12:49

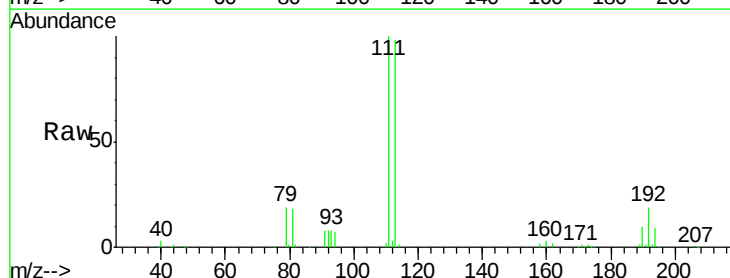
Tgt Ion:113 Resp: 106087

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

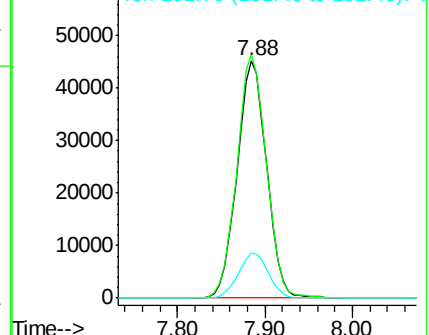
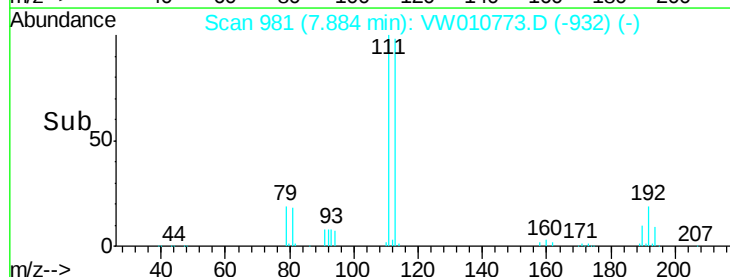
192 19.4 16.4 24.6

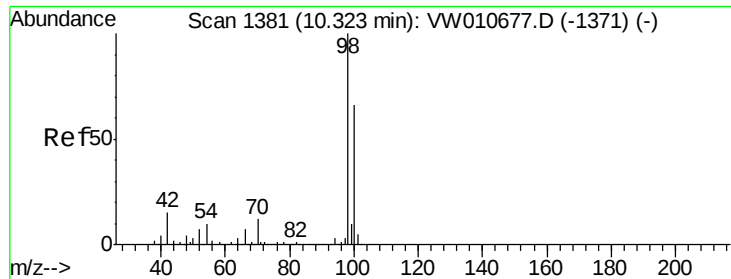


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

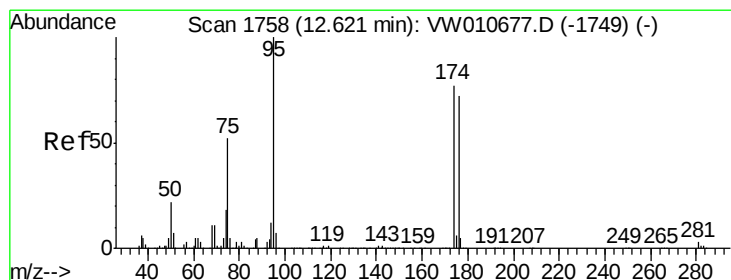
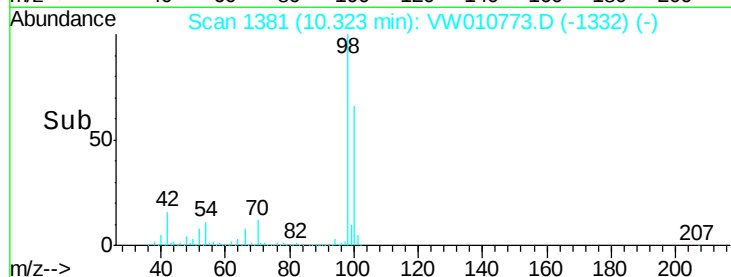
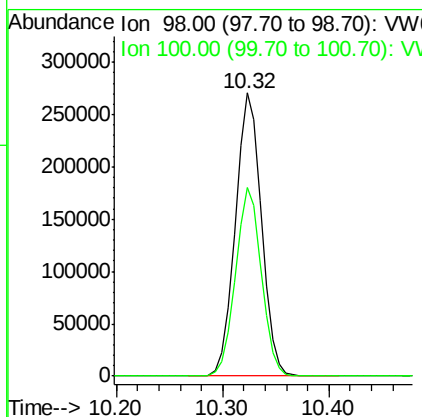
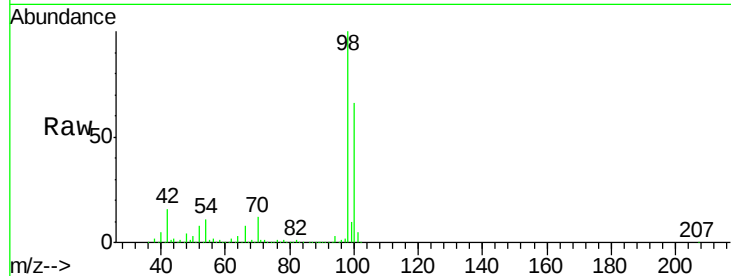




#50
Toluene-d8
Concen: 52.378 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

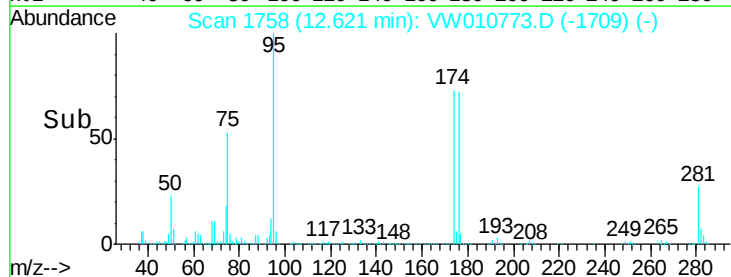
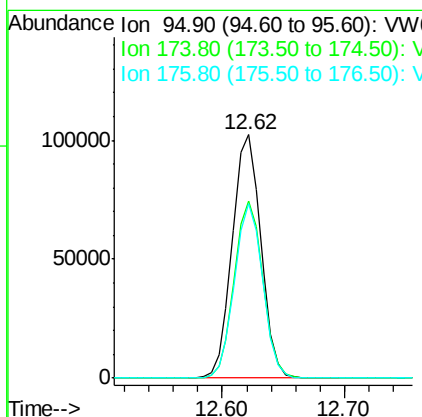
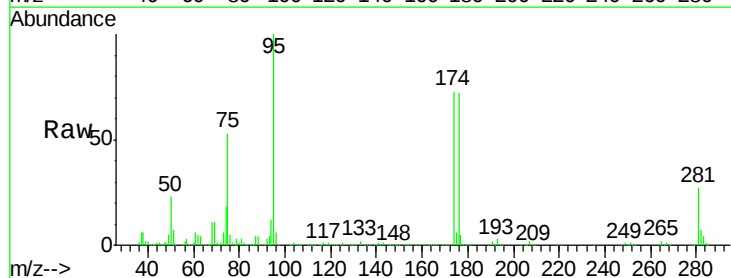
Instrument :
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VW0612SBL01

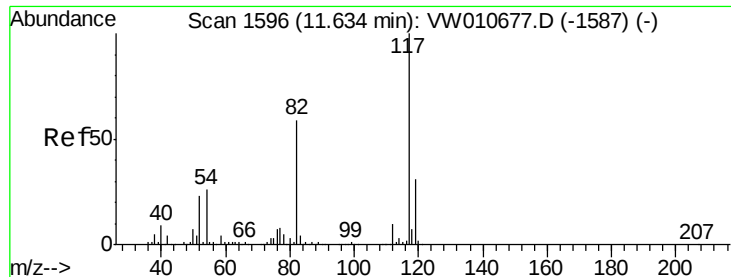
Tot Ion: 98 Resp: 466602
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 50.992 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion: 95 Resp: 165297
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.4
176 70.6 0.0 144.8

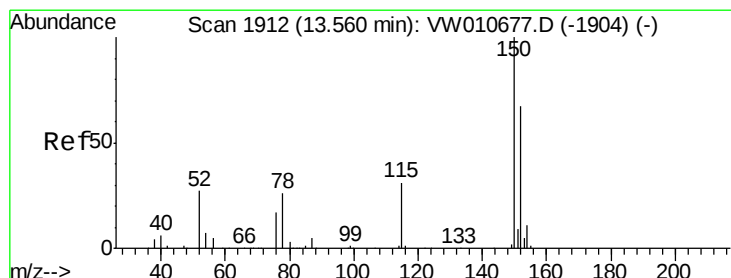
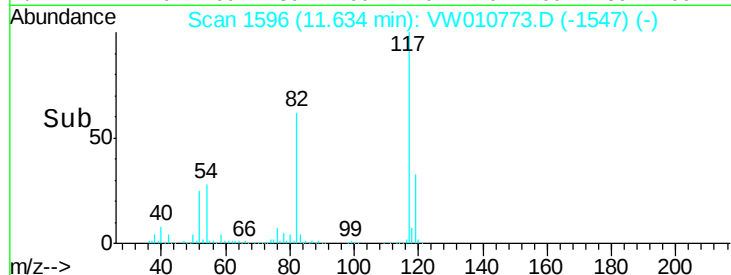
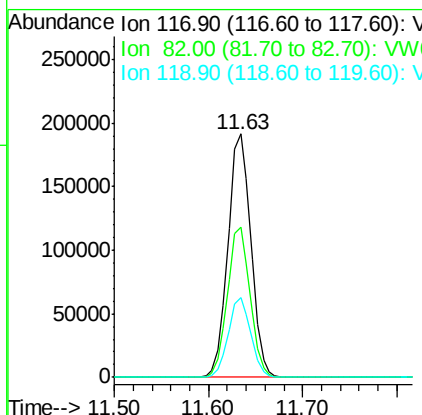
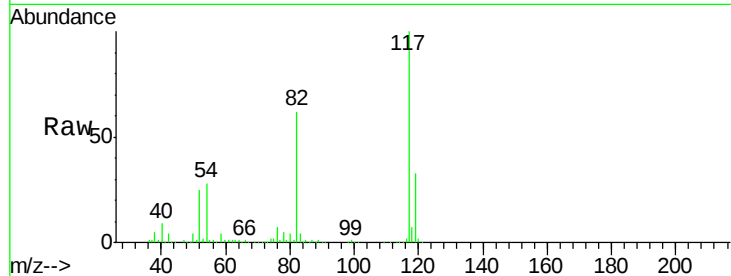




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Instrument :
MSVOA_W
ClientSampleId :
VW0612SBL01

Tot Ion:117 Resp: 324371
Ion Ratio Lower Upper
117 100
82 61.5 47.0 70.4
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010773.D
Acq: 12 Jun 2019 12:49

Tgt Ion:152 Resp: 150033
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 156.8 0.0 345.0

