

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010663.D
 Acq On : 03 Jun 2019 16:55
 Operator : SY/VA
 Sample : K3138-09
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-07-1.5-2.0

Quant Time: Jun 04 08:14:18 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	173012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115581	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	88242	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	87859	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.32	98	355063	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.62	95	130145	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

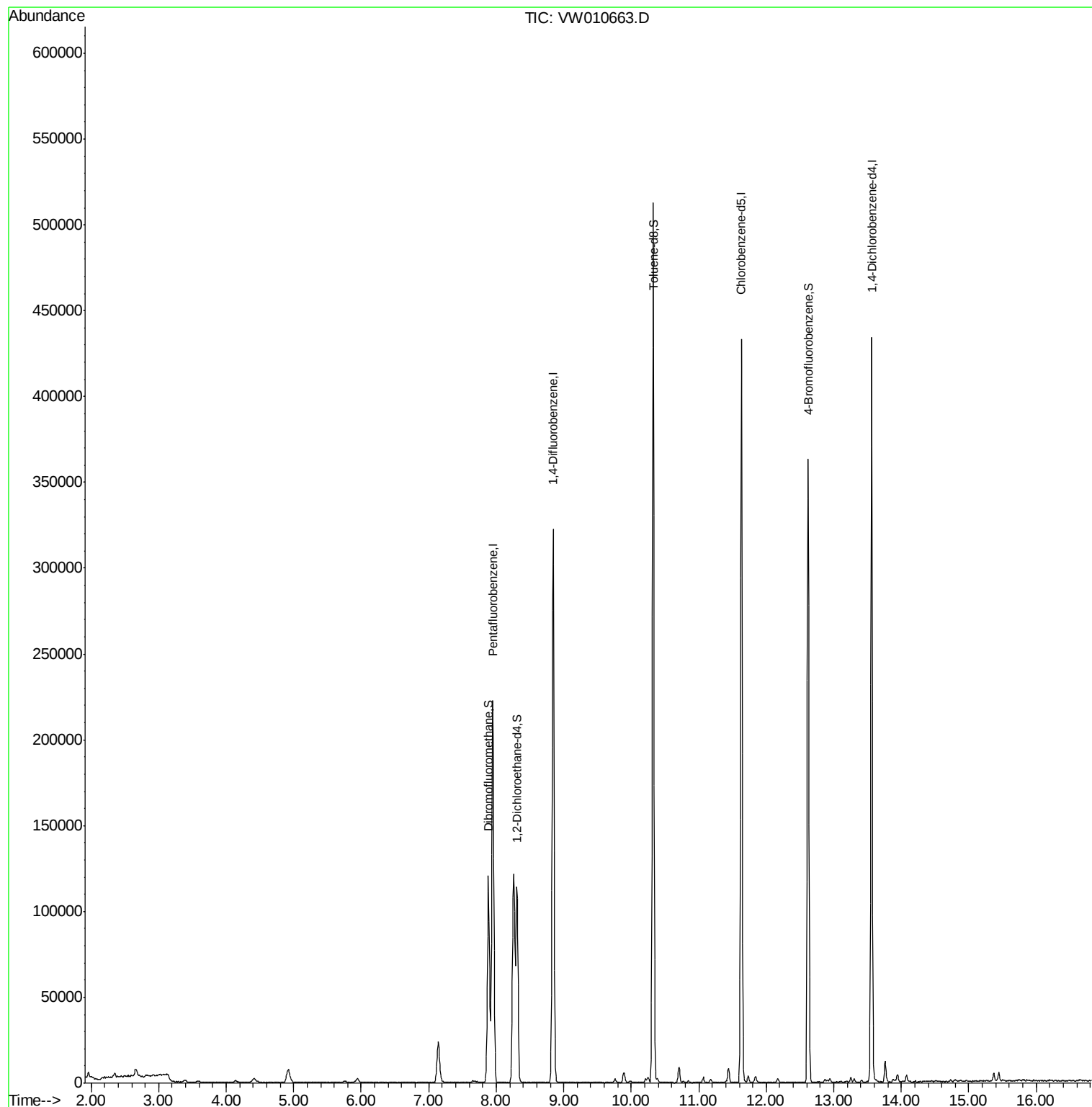
Target Compounds	Qvalue
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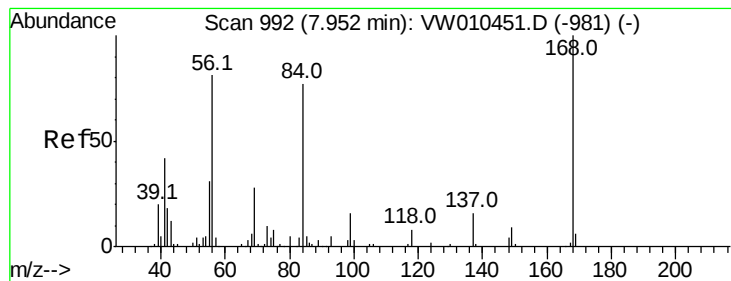
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

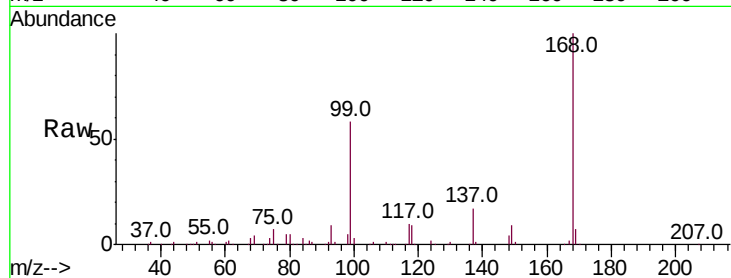
B-07-1.5-2.0

Tot Ion:168 Resp: 173012

Ion Ratio Lower Upper

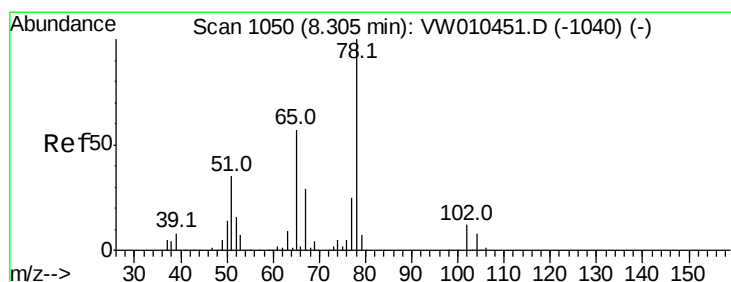
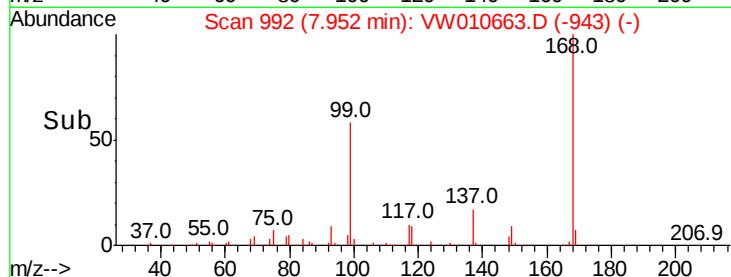
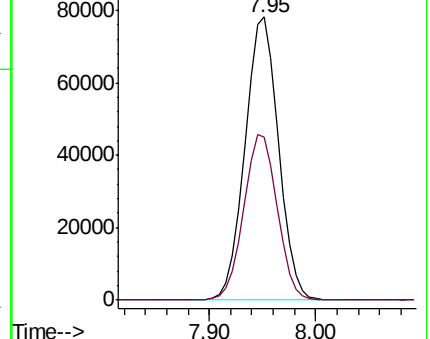
168 100

99 57.6 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: 49.414 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010663.D

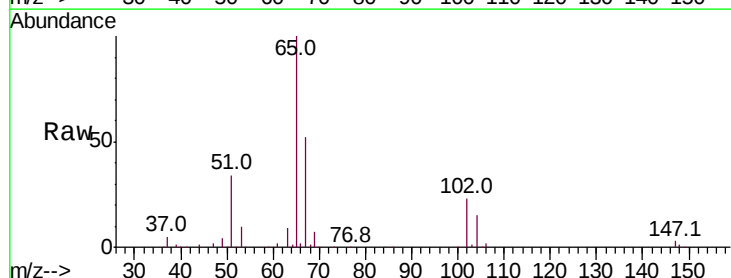
Acq: 03 Jun 2019 16:55

Tgt Ion: 65 Resp: 88242

Ion Ratio Lower Upper

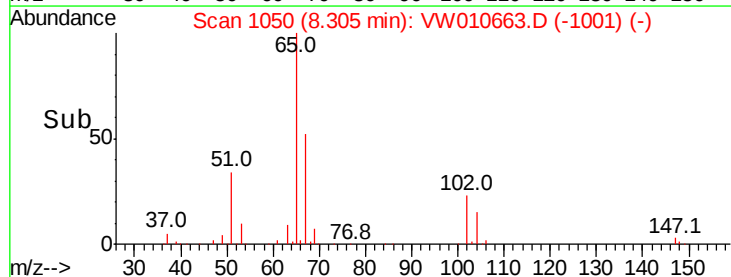
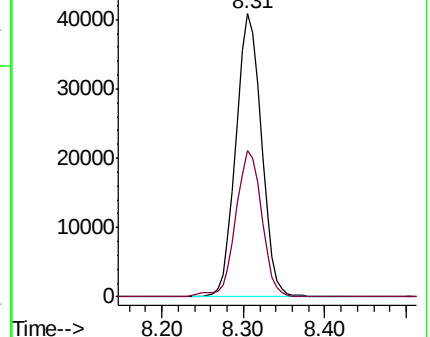
65 100

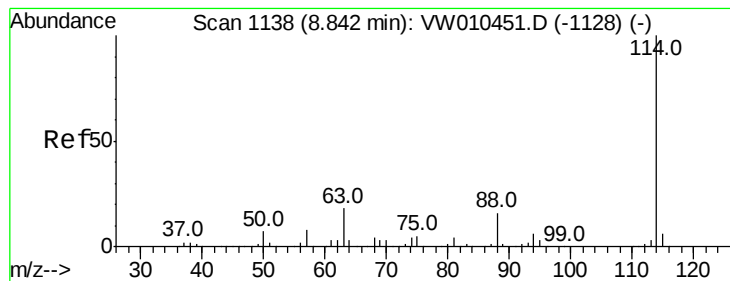
67 53.2 0.0 103.6



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: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

B-07-1.5-2.0

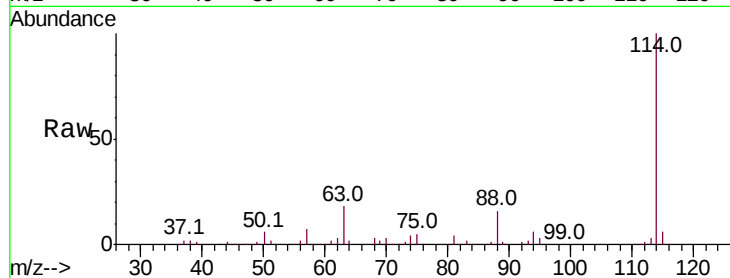
Tot Ion:114 Resp: 295425

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.0

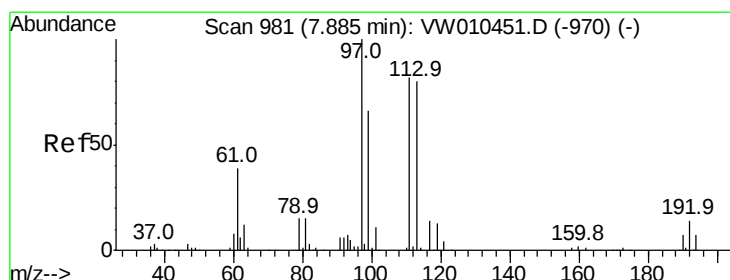
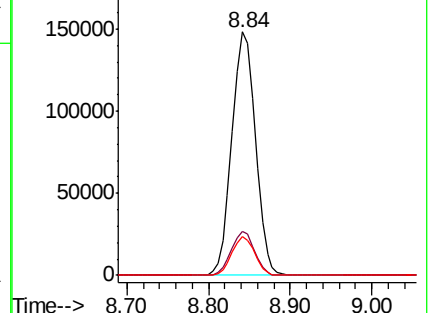
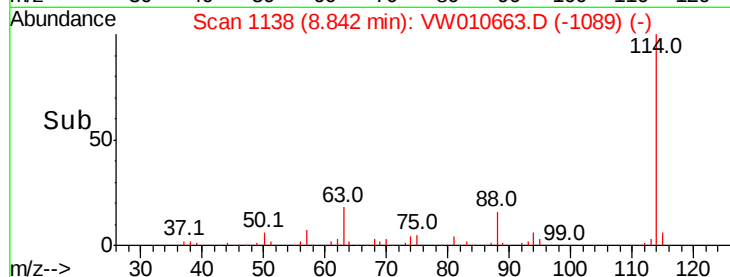
88 16.0 0.0 32.0



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: 49.013 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

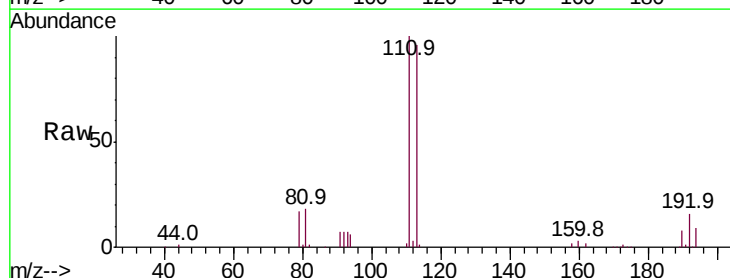
Tgt Ion:113 Resp: 87859

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

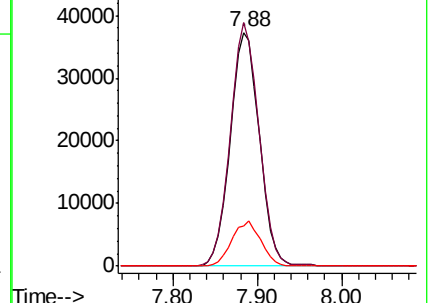
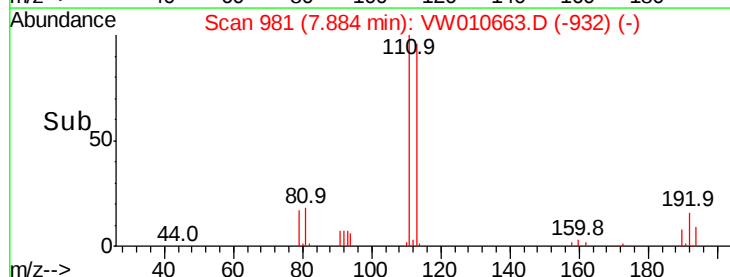
192 19.0 14.3 21.5

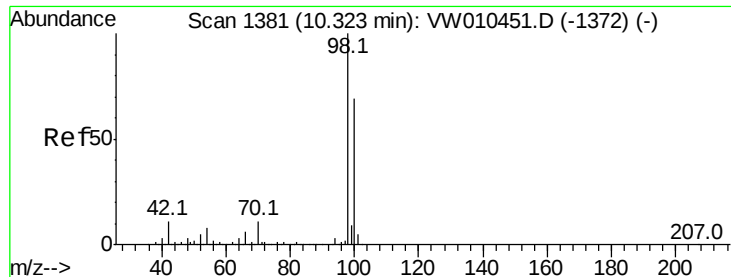


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.849 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

Instrument :

MSVOA_W

ClientSampleId :

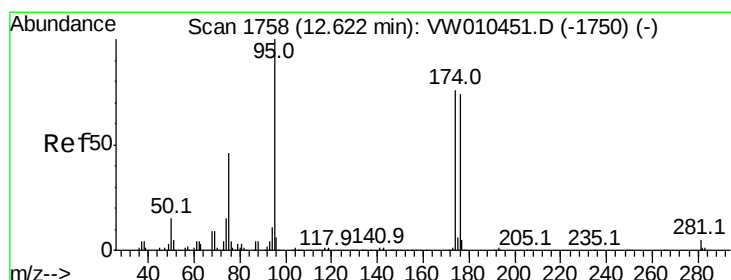
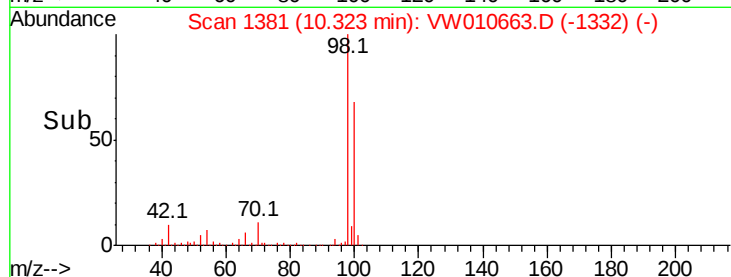
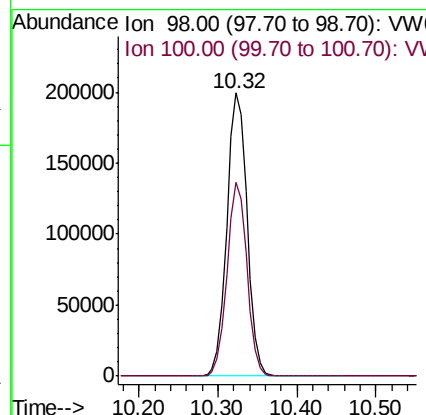
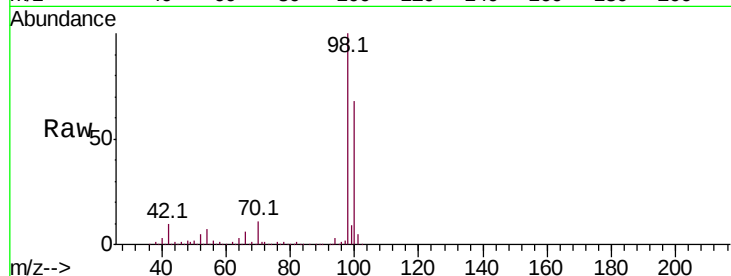
B-07-1.5-2.0

Tot Ion: 98 Resp: 355063

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 47.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010663.D

Acq: 03 Jun 2019 16:55

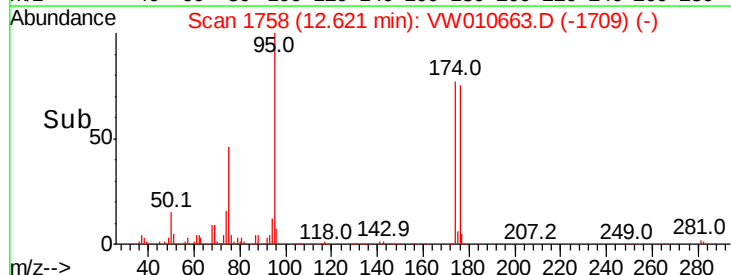
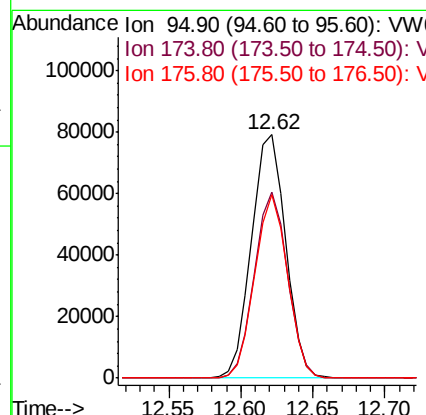
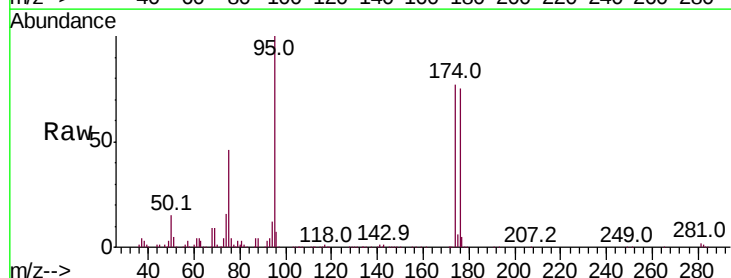
Tgt Ion: 95 Resp: 130145

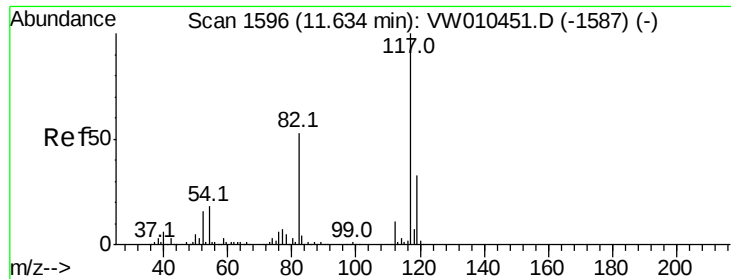
Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.6

176 72.4 0.0 144.2

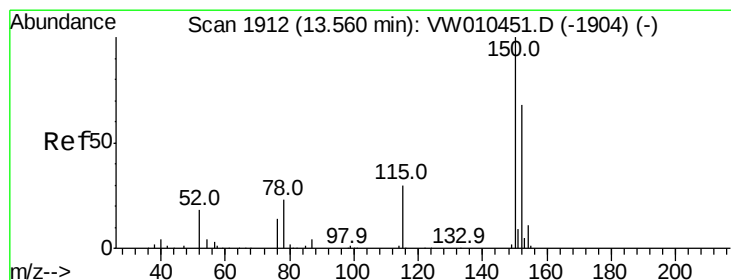
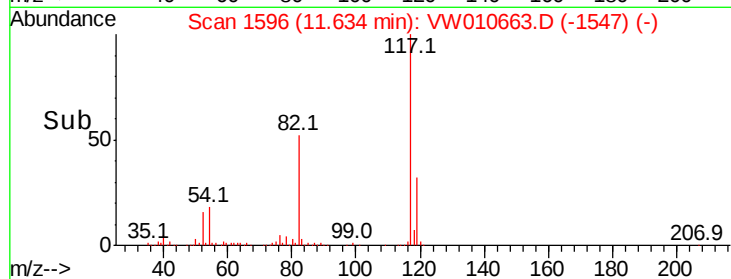
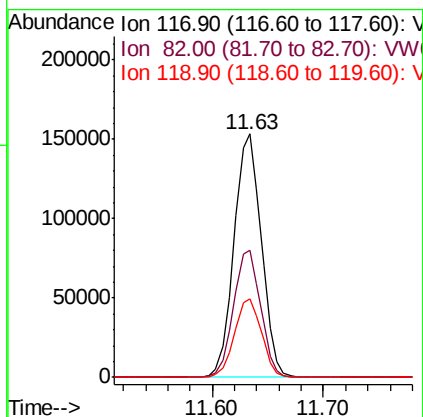
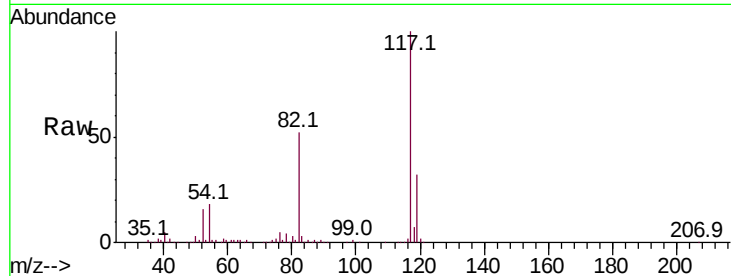




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010663.D
Acq: 03 Jun 2019 16:55

Instrument :
MSVOA_W
ClientSampleId :
B-07-1.5-2.0

Tot Ion:117 Resp: 260108
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 32.2 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: VW010663.D
Acq: 03 Jun 2019 16:55

Tgt Ion:152 Resp: 115581
Ion Ratio Lower Upper
152 100
115 61.3 30.3 91.0
150 159.2 0.0 349.8

