

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013062.D
 Acq On : 17 Sep 2019 01:55
 Operator : SY/VA
 Sample : K4885-01
 Misc : 6.40G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-1868-RBR-200035

Quant Time: Sep 17 08:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	361033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	560827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	192982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	183333	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
35) Dibromofluoromethane	7.88	113	158839	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.32	98	663812	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	
62) 4-Bromofluorobenzene	12.62	95	206285	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

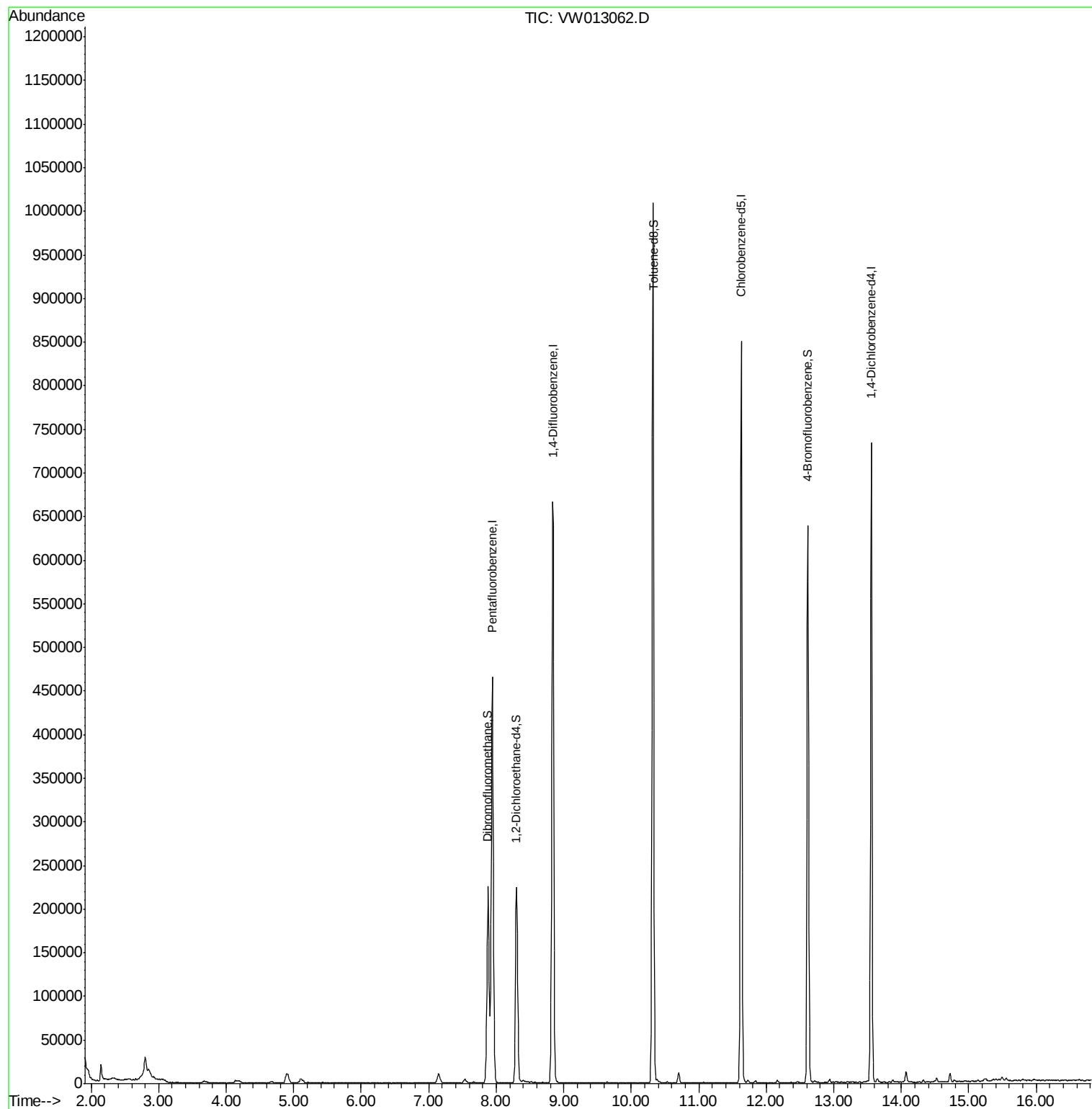
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013062.D

Acq: 17 Sep 2019 01:55

Instrument :

MSVOA_W

ClientSampleId :

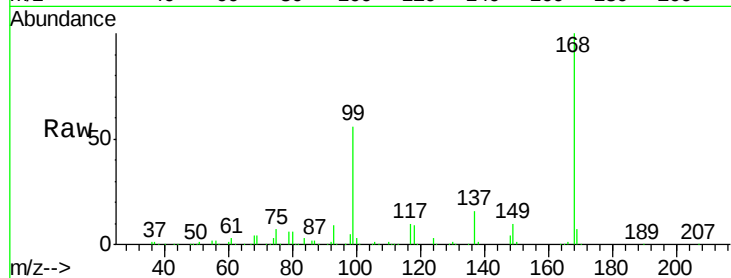
RT-1868-RBR-200035

Tot Ion:168 Resp: 361033

Ion Ratio Lower Upper

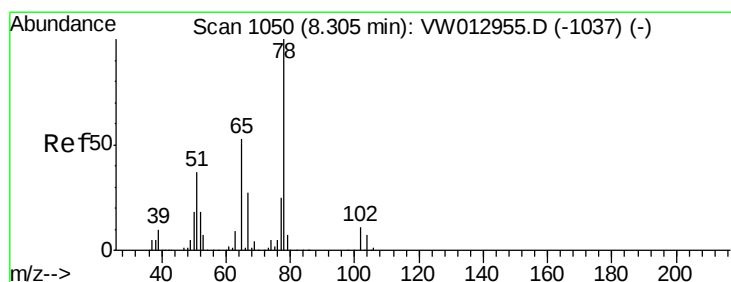
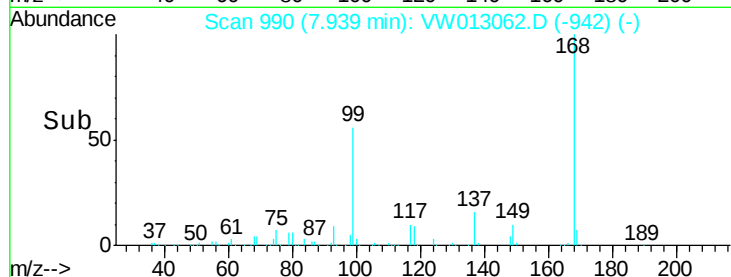
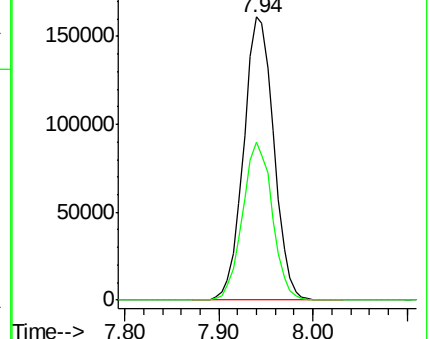
168 100

99 55.8 46.2 69.2



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: 54.982 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013062.D

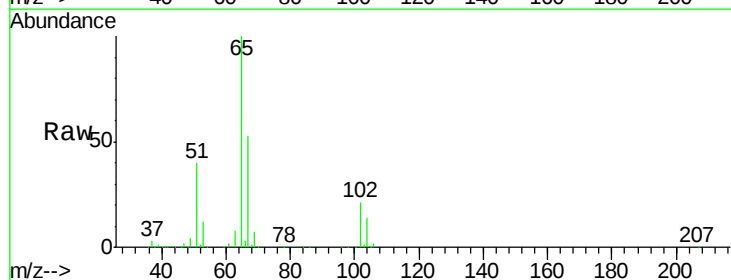
Acq: 17 Sep 2019 01:55

Tgt Ion: 65 Resp: 183333

Ion Ratio Lower Upper

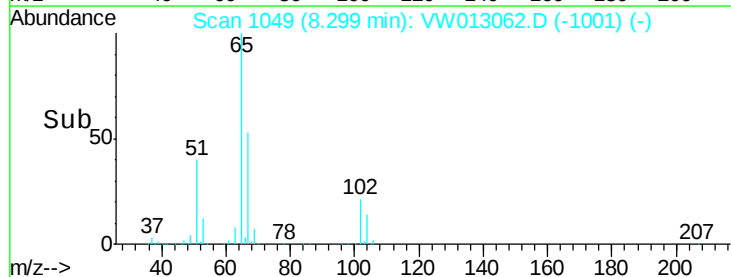
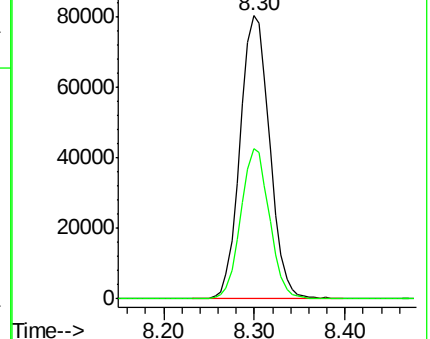
65 100

67 51.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

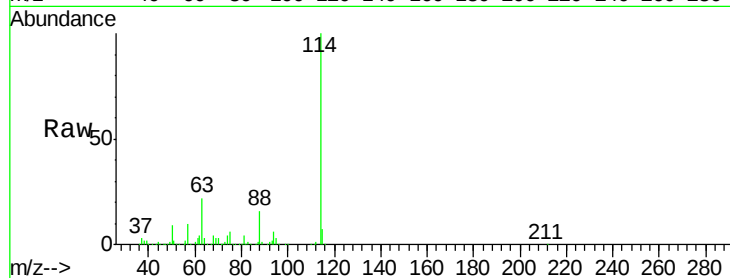




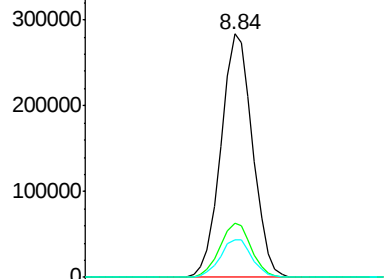
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013062.D
 Acq: 17 Sep 2019 01:55

Instrument :
 MSVOA_W
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 RT-1868-RBR-200035

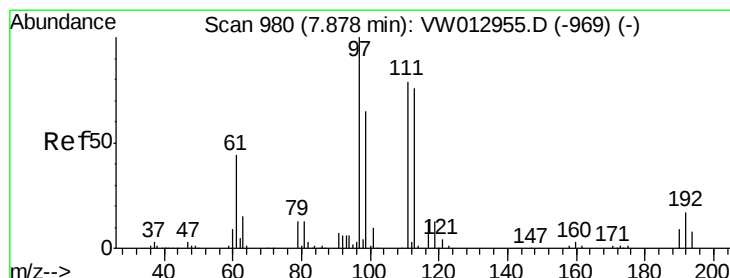
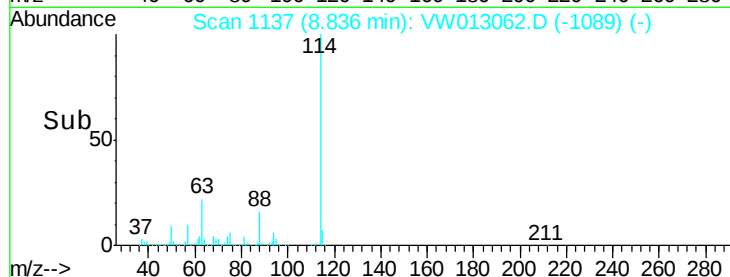
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.4
88	15.6	0.0	31.6



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

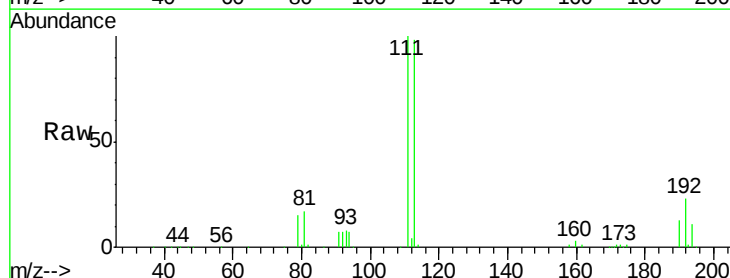


Time-->

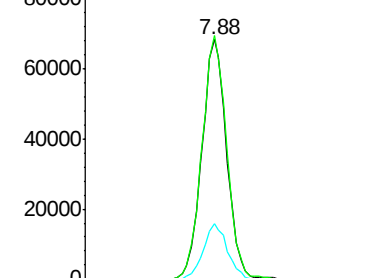


#35
 Dibromofluoromethane
 Concen: 52.196 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013062.D
 Acq: 17 Sep 2019 01:55

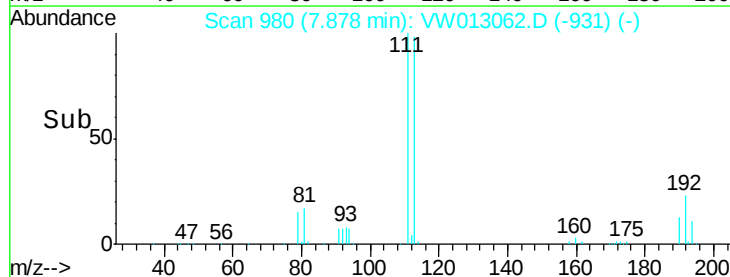
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.8	124.2
192	22.2	17.8	26.8

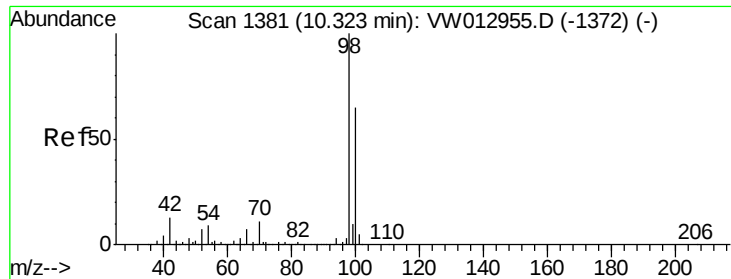


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->

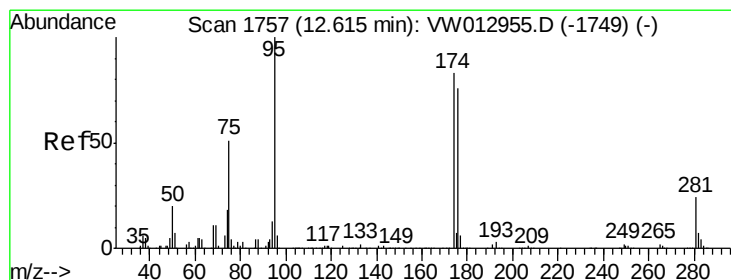
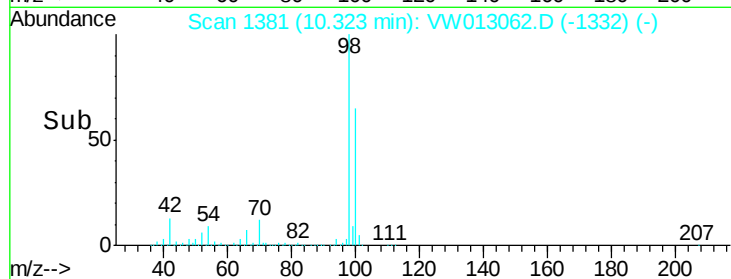
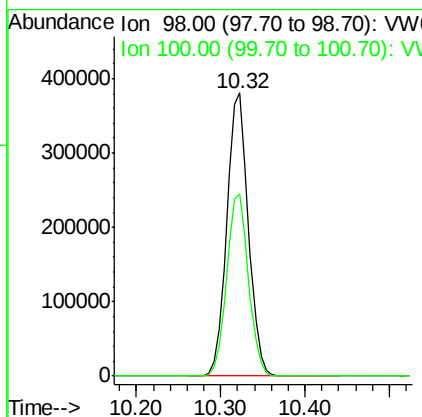
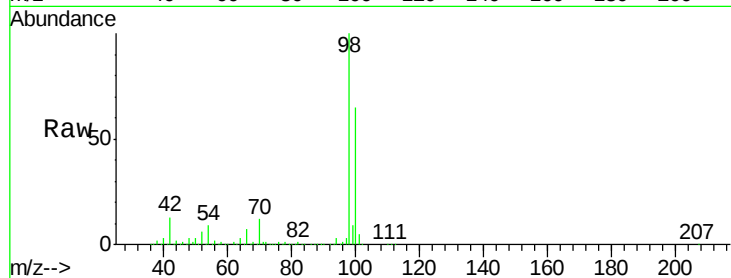




#50
Toluene-d8
Concen: 55.745 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013062.D
Acq: 17 Sep 2019 01:55

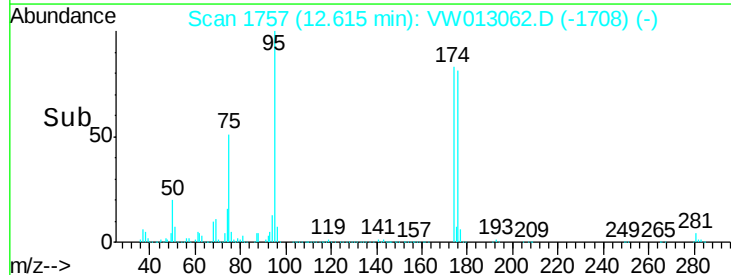
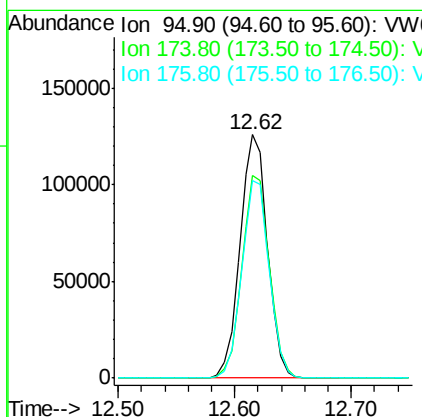
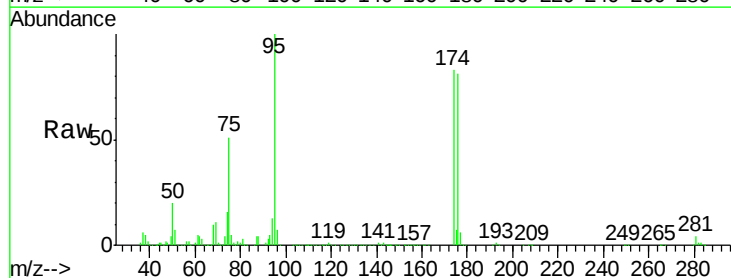
Instrument :
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RT-1868-RBR-200035

Tot Ion: 98 Resp: 663812
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.176 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013062.D
Acq: 17 Sep 2019 01:55

Tgt Ion: 95 Resp: 206285
Ion Ratio Lower Upper
95 100
174 83.7 0.0 170.4
176 81.4 0.0 164.6

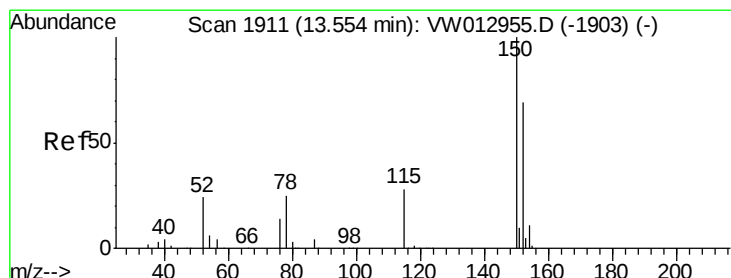
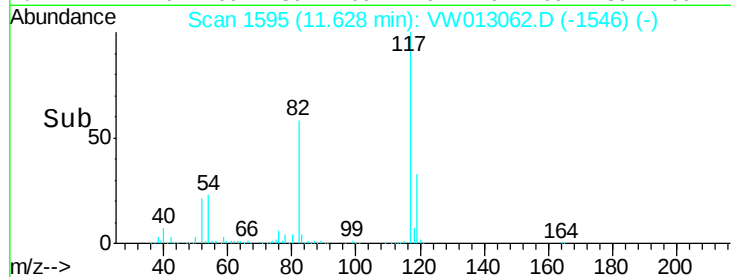
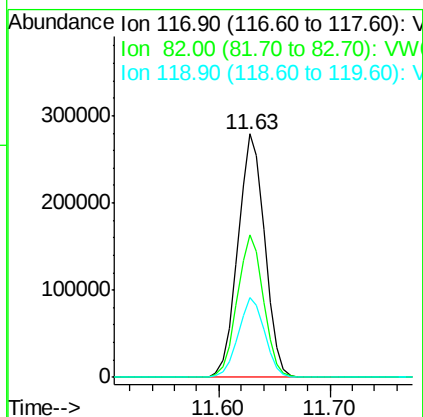
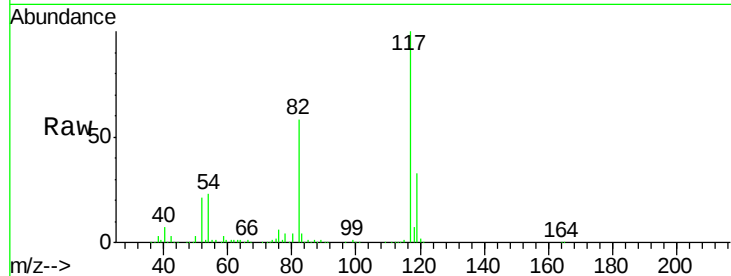




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013062.D
Acq: 17 Sep 2019 01:55

Instrument :
MSVOA_W
ClientSampleId :
RT-1868-RBR-200035

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.3	69.5
119	32.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013062.D
Acq: 17 Sep 2019 01:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.8	86.4
150	154.3	0.0	340.2

