

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013114.D
 Acq On : 18 Sep 2019 15:36
 Operator : SY/VA
 Sample : K4931-01
 Misc : 3.69G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 290-371

Quant Time: Sep 19 08:50:10 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

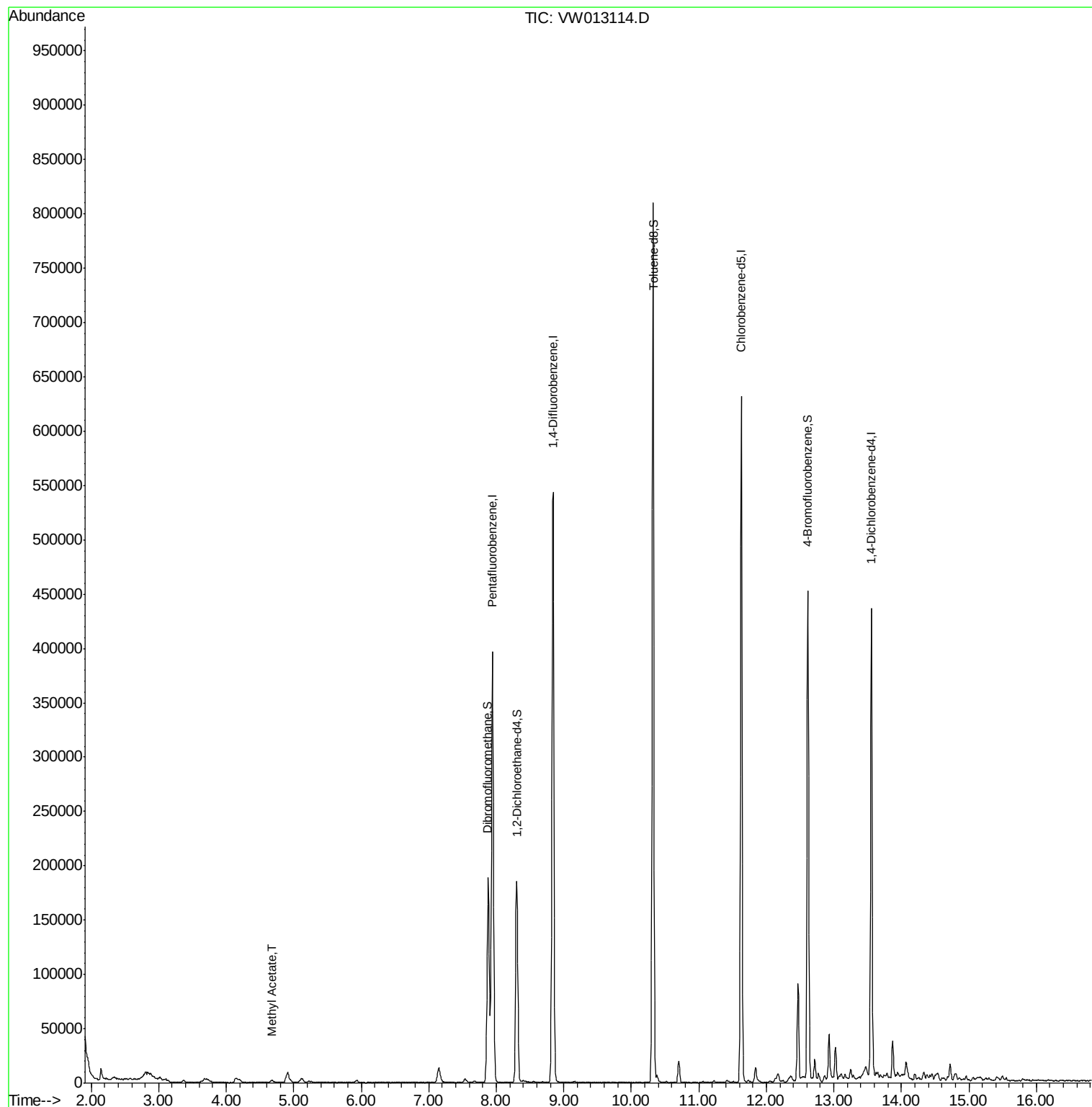
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147674	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.88	113	138851	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
50) Toluene-d8	10.32	98	542467	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.62	95	144389	39.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.38%	
Target Compounds						
18) Methyl Acetate	4.67	43	4294	2.524	ug/l	Qvalue 97

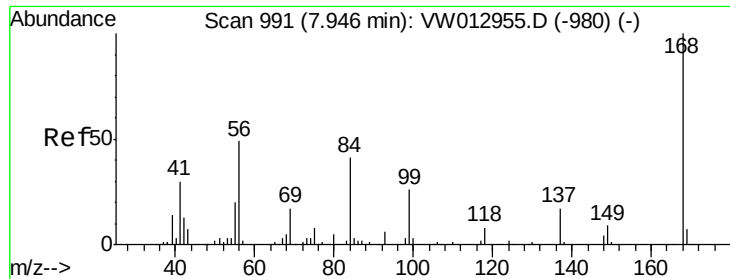
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013114.D

Acq: 18 Sep 2019 15:36

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MSVOA_W

ClientSampleId :

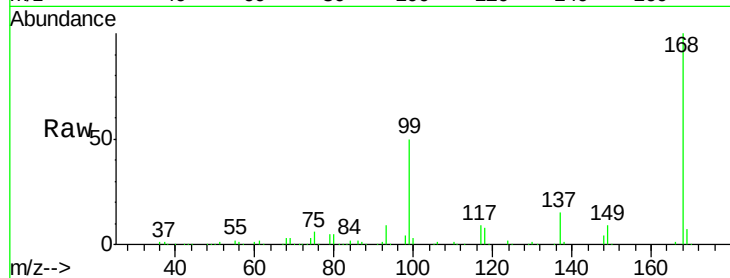
290-371

Tot Ion:168 Resp: 323349

Ion Ratio Lower Upper

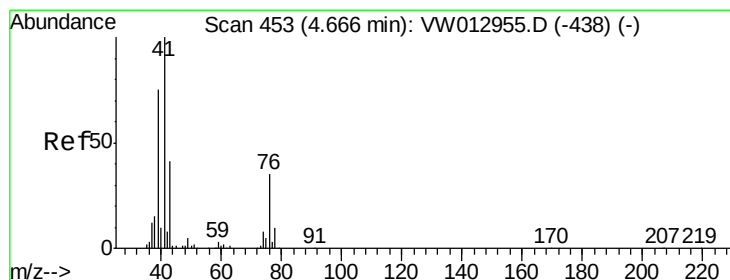
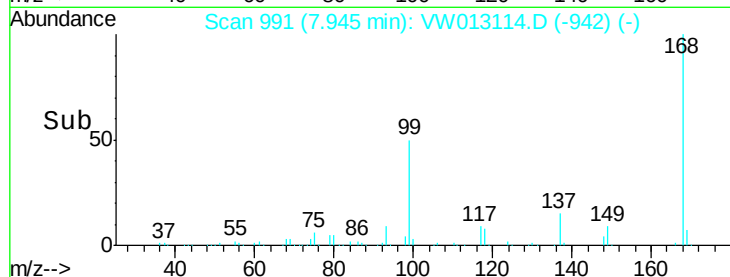
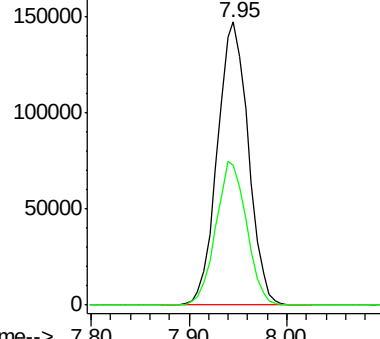
168 100

99 49.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#18

Methyl Acetate

Concen: 2.524 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013114.D

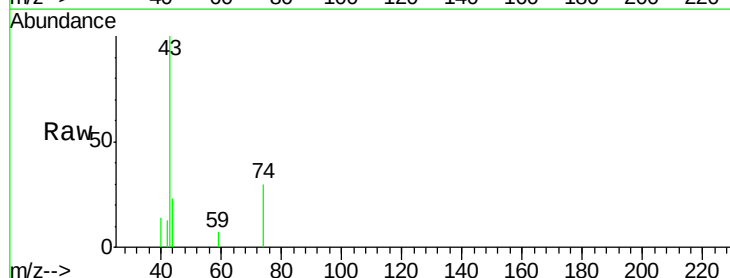
Acq: 18 Sep 2019 15:36

Tgt Ion: 43 Resp: 4294

Ion Ratio Lower Upper

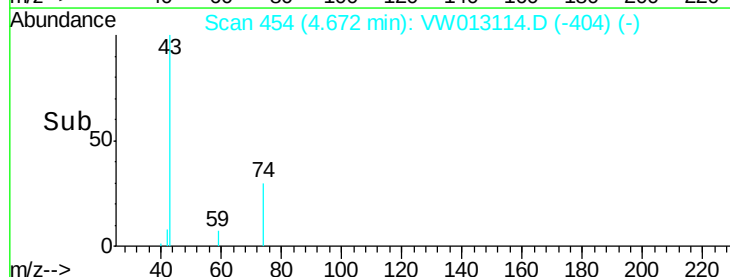
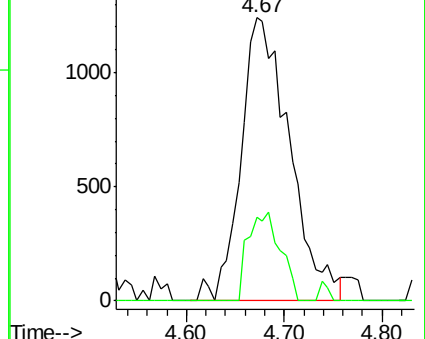
43 100

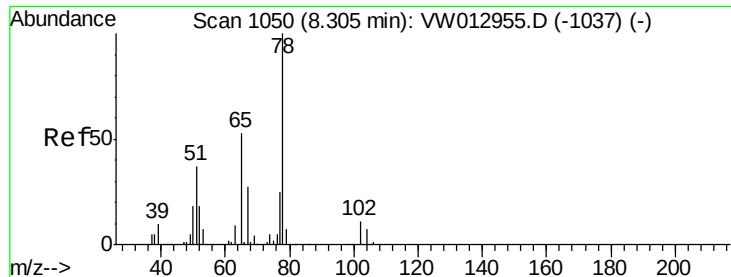
74 20.7 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

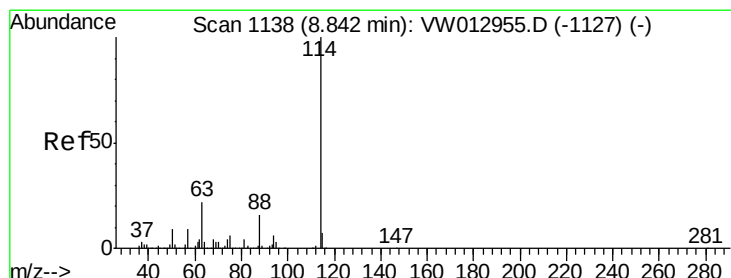
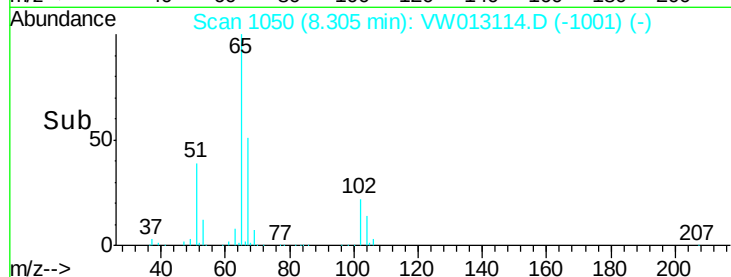
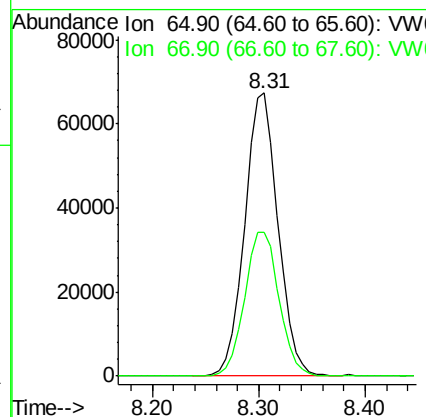
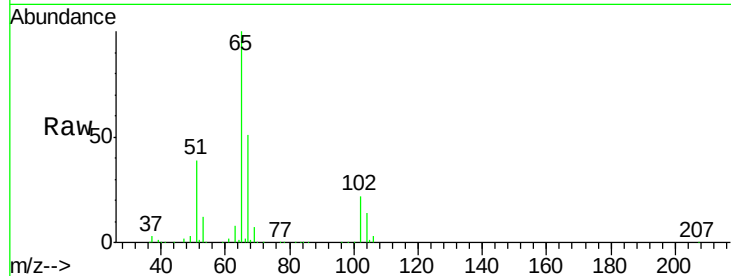




#33
 1,2-Dichloroethane-d4
 Concen: 49.450 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013114.D
 Acq: 18 Sep 2019 15:36

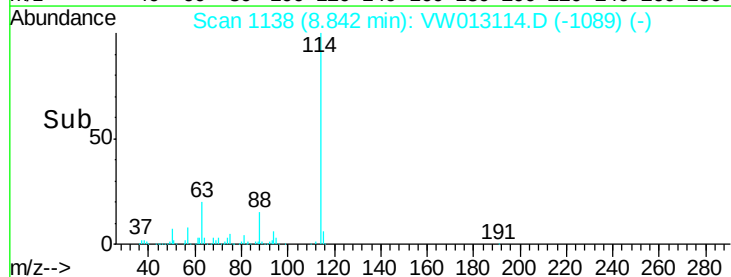
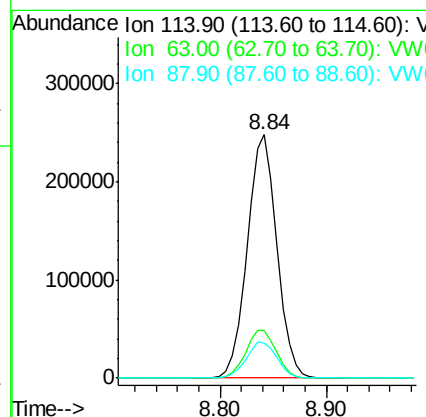
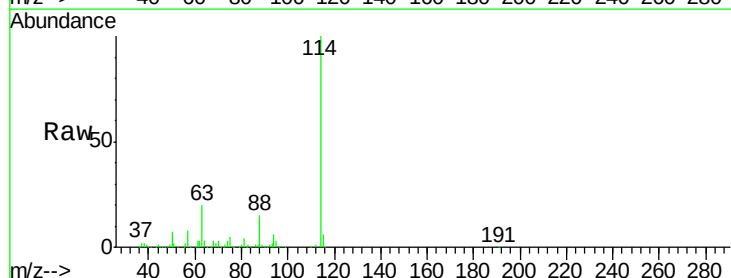
Instrument :
 MSVOA_W
 ClientSampled :
 290-371

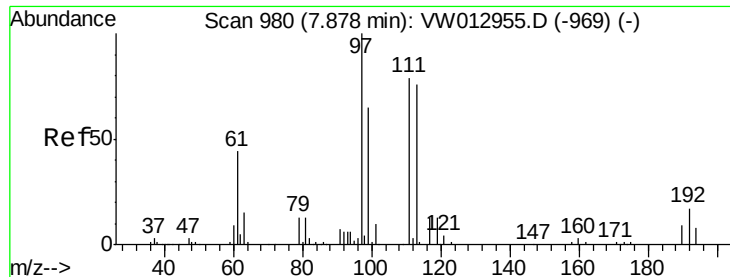
Tot Ion: 65 Resp: 147674
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013114.D
 Acq: 18 Sep 2019 15:36

Tgt Ion: 114 Resp: 482514
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.4
 88 14.6 0.0 31.6

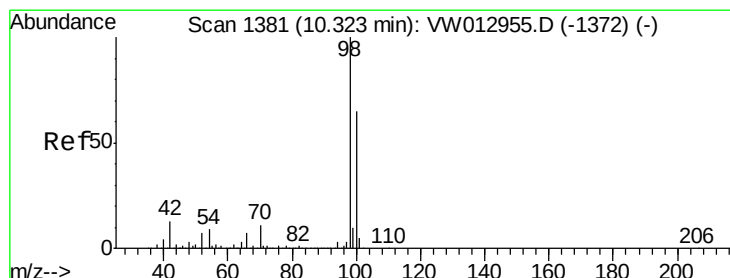
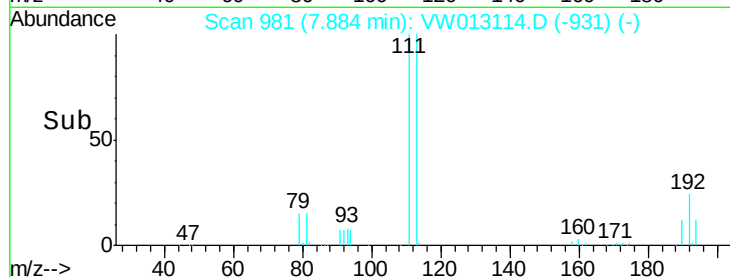
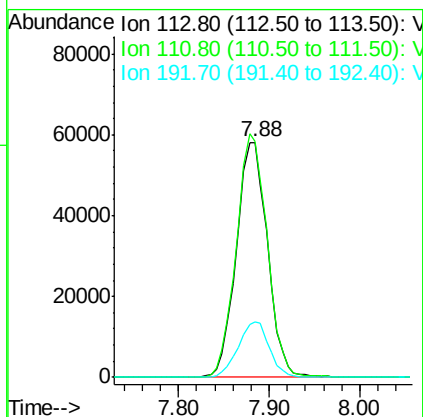
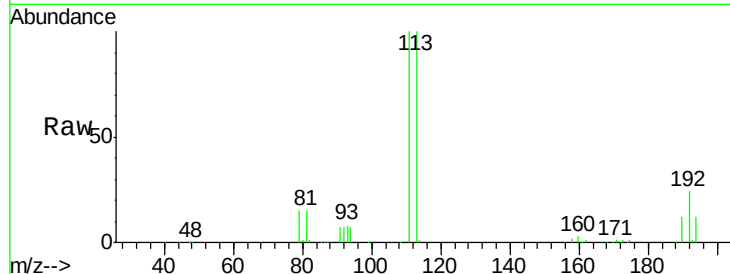




#35
 Dibromofluoromethane
 Concen: 53.033 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013114.D
 Acq: 18 Sep 2019 15:36

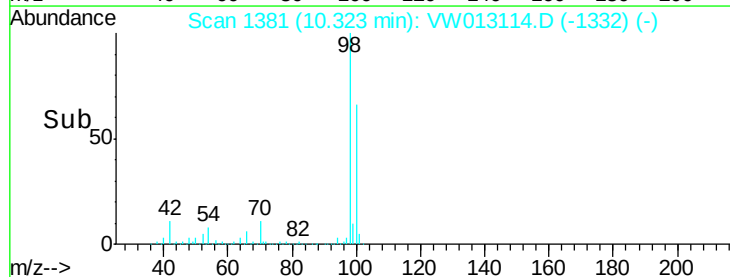
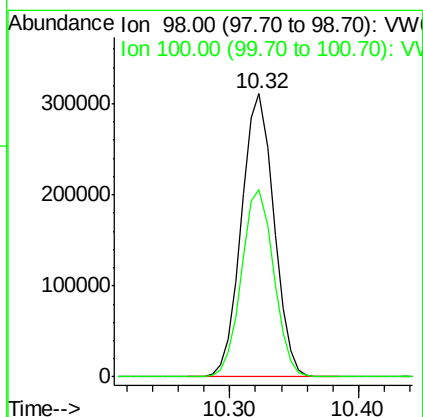
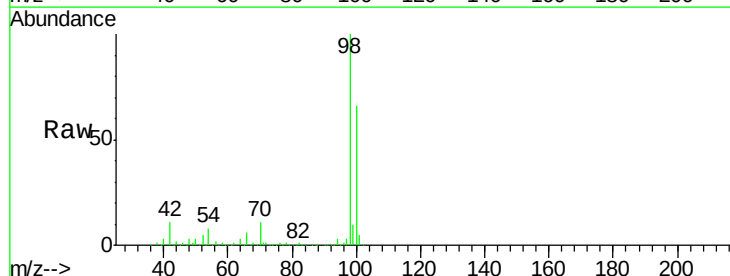
Instrument :
 MSVOA_W
 ClientSampleId :
 290-371

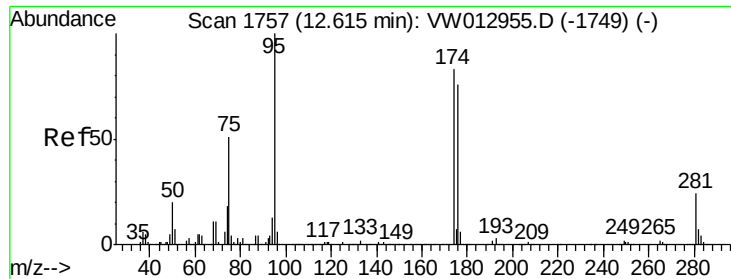
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.8	124.2
192	23.6	17.8	26.8



#50
 Toluene-d8
 Concen: 52.948 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013114.D
 Acq: 18 Sep 2019 15:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 39.194 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013114.D

Acq: 18 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

290-371

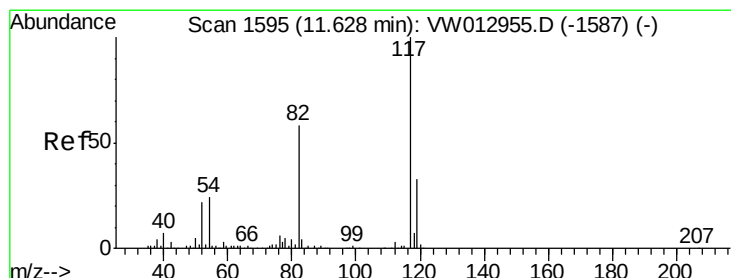
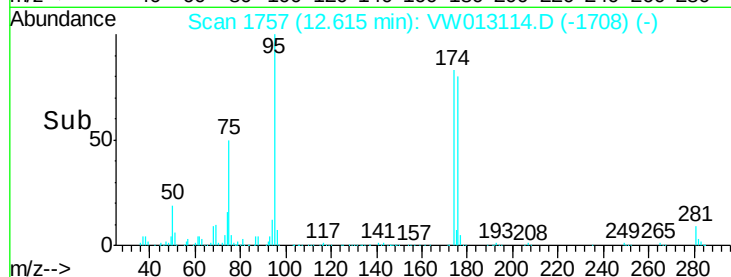
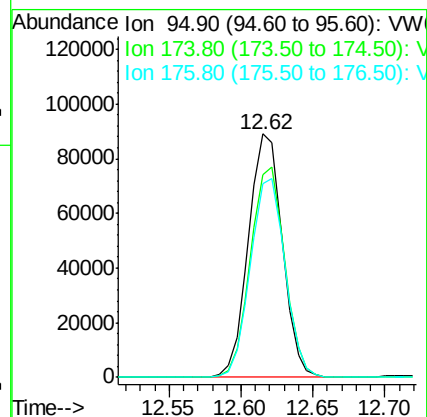
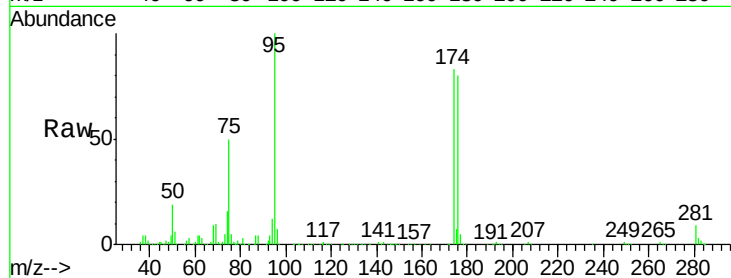
Tot Ion: 95 Resp: 144389

Ion Ratio Lower Upper

95 100

174 87.5 0.0 170.4

176 83.9 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: VW013114.D

Acq: 18 Sep 2019 15:36

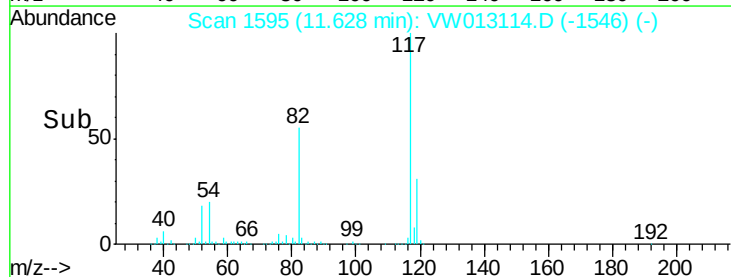
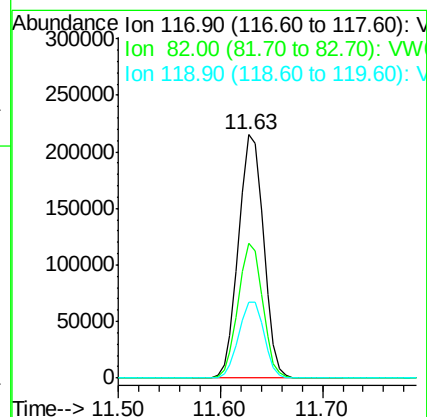
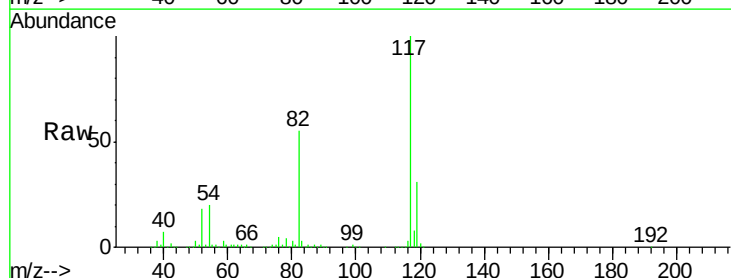
Tgt Ion: 117 Resp: 365567

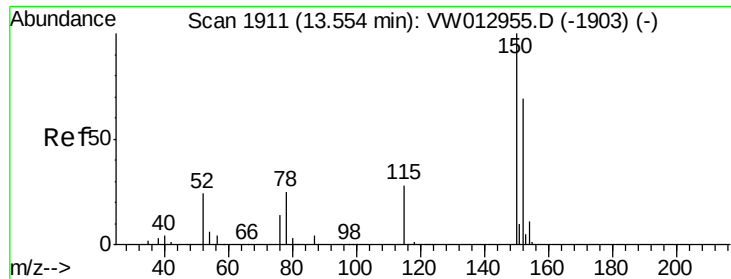
Ion Ratio Lower Upper

117 100

82 55.4 46.3 69.5

119 31.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013114.D

Acq: 18 Sep 2019 15:36

Instrument :

MSVOA_W

ClientSampleId :

290-371

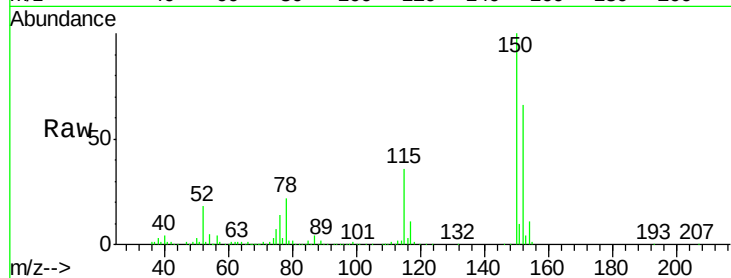
Tot Ion:152 Resp: 122840

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.4

150 155.9 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

