

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013281.D
 Acq On : 24 Sep 2019 17:22
 Operator : SY/VA
 Sample : K5020-05
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

Quant Time: Sep 25 08:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

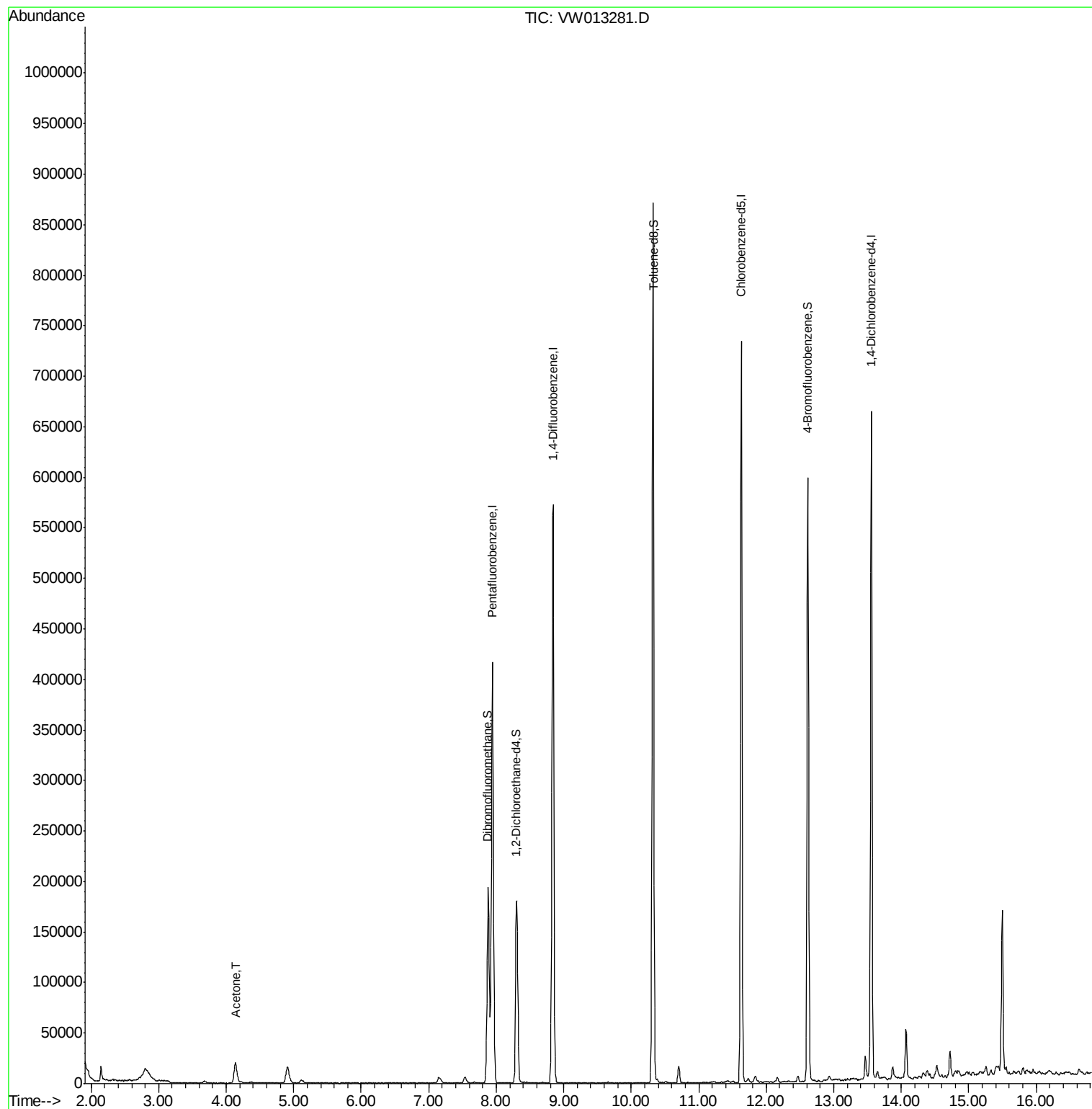
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	512815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	190581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144684	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	7.88	113	142421	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.32	98	597040	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	187507	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
Target Compounds						
16) Acetone	4.14	43	41898	66.203	ug/l	Qvalue 94

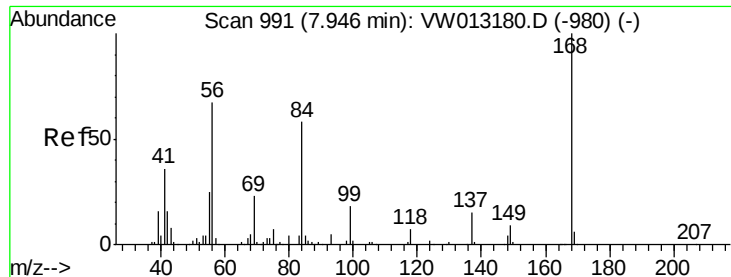
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

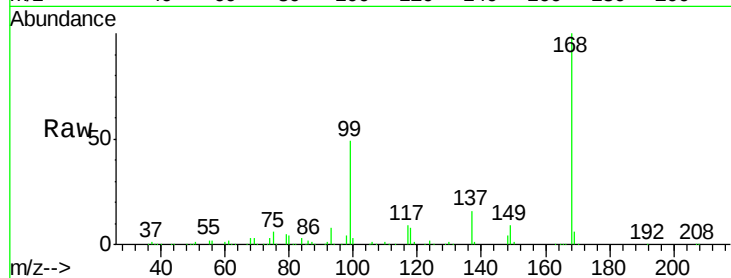
RT-5124

Tot Ion:168 Resp: 343858

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

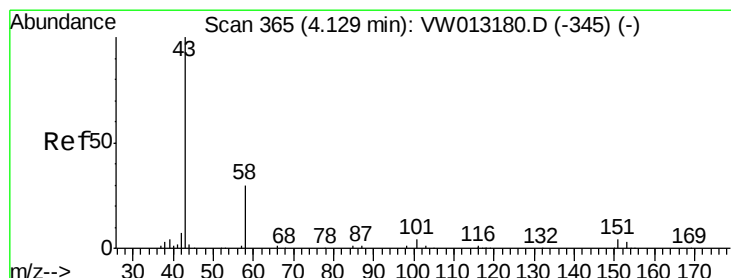
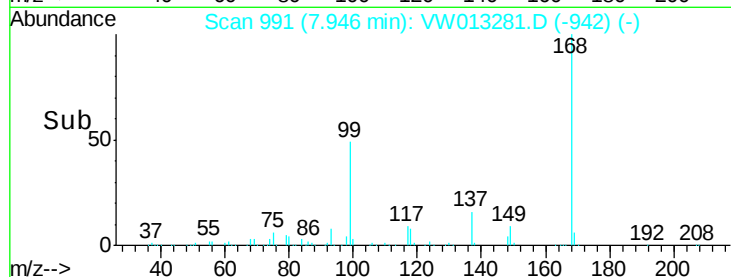
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 66.203 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013281.D

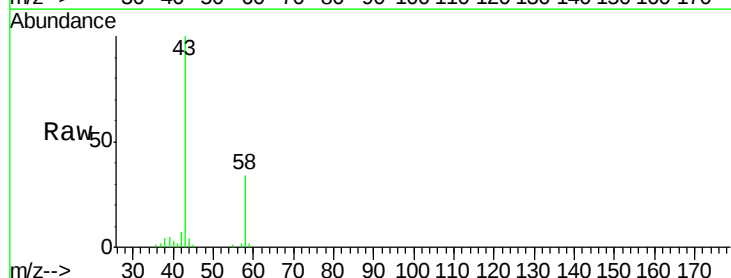
Acq: 24 Sep 2019 17:22

Tgt Ion: 43 Resp: 41898

Ion Ratio Lower Upper

43 100

58 33.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

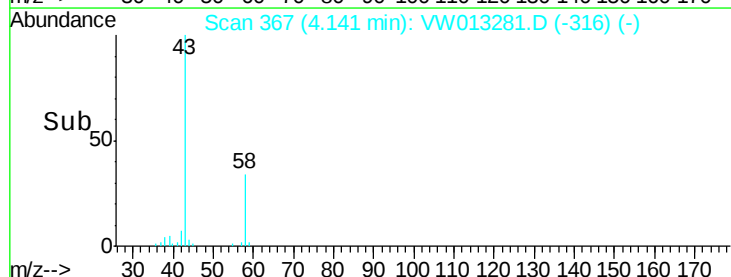
15000

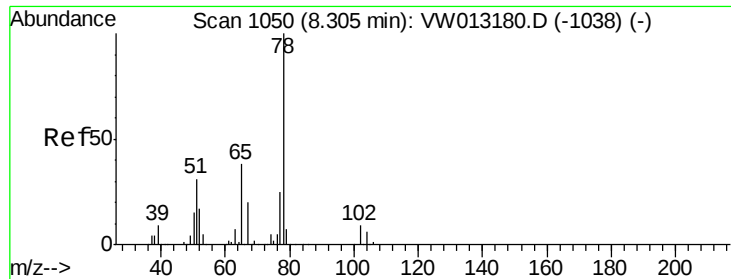
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 51.555 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

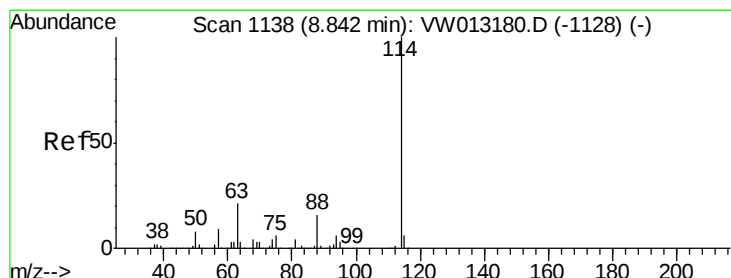
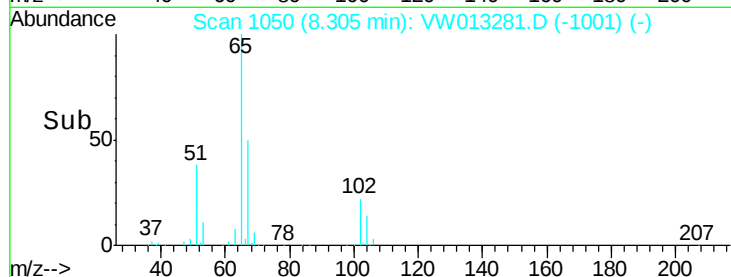
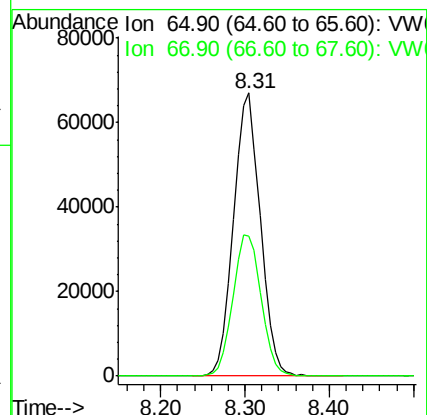
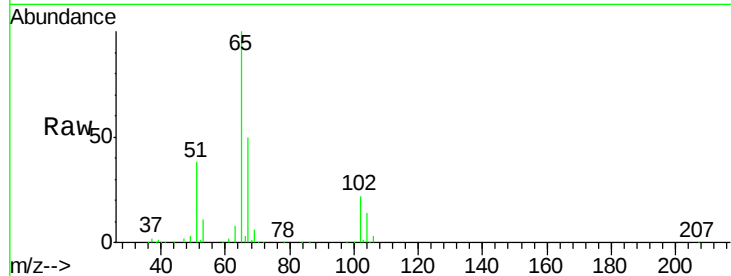
RT-5124

Tot Ion: 65 Resp: 144684

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

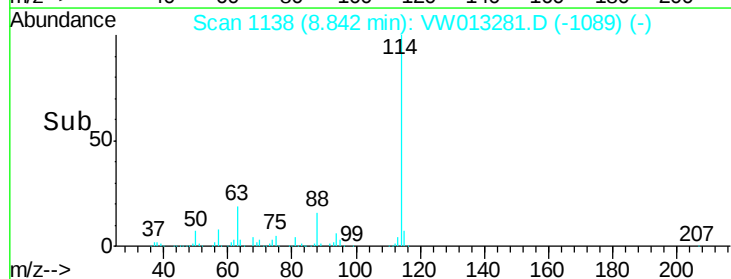
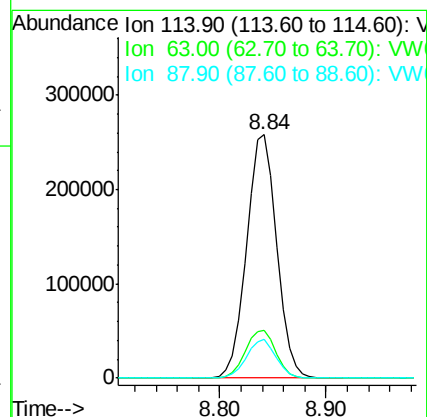
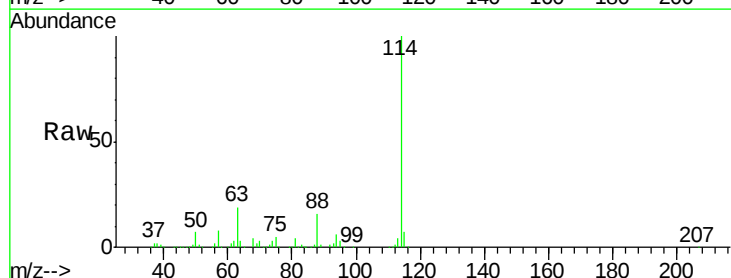
Tgt Ion: 114 Resp: 512815

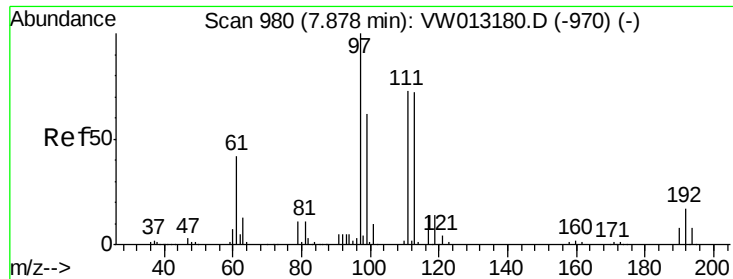
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.9 0.0 32.0

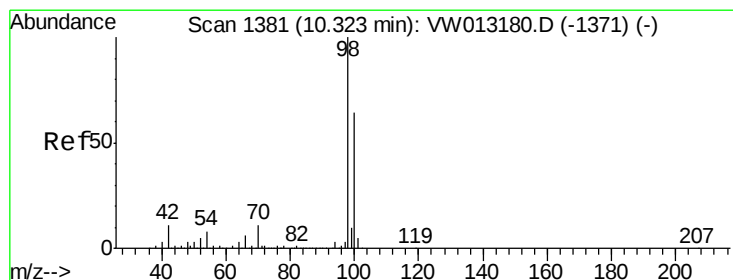
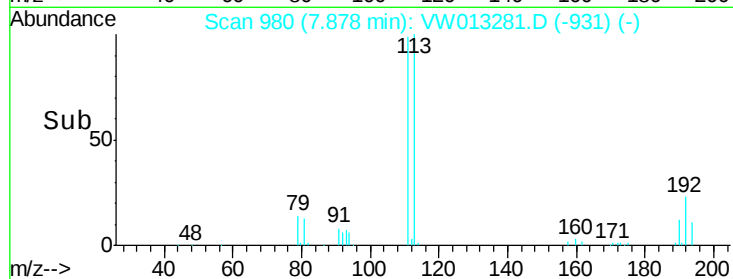
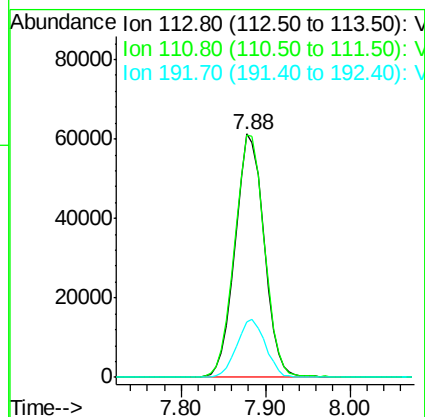
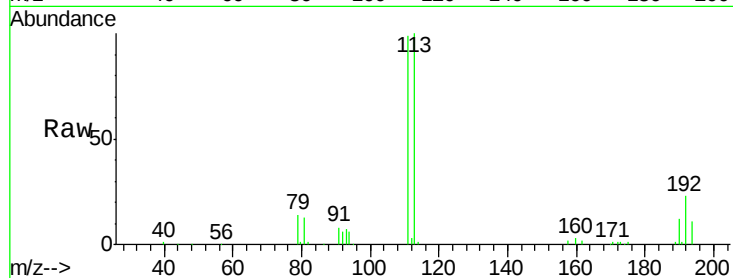




#35
 Dibromofluoromethane
 Concen: 50.495 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013281.D
 Acq: 24 Sep 2019 17:22

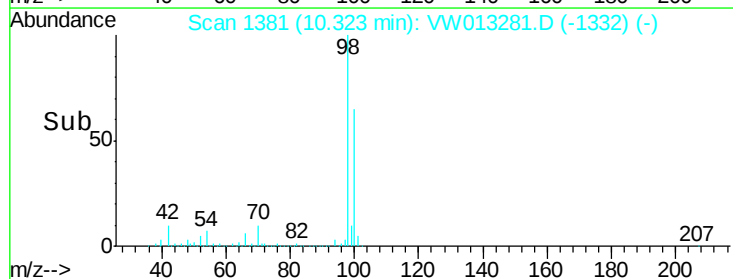
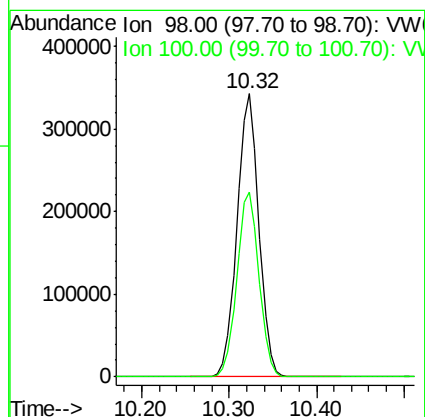
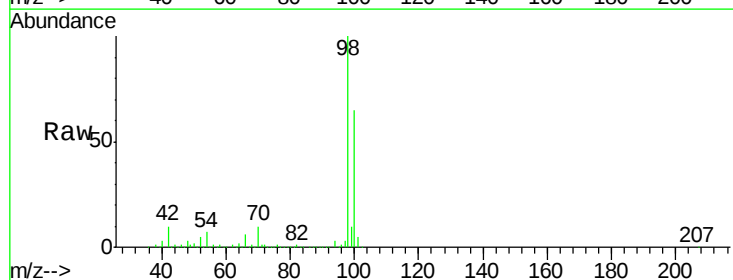
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-5124

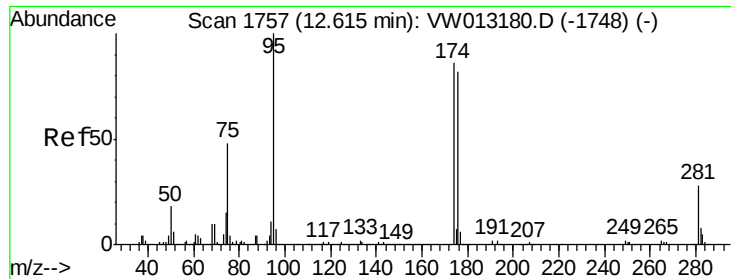
Tot Ion:113 Resp: 142421
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 23.4 19.1 28.7



#50
 Toluene-d8
 Concen: 50.579 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013281.D
 Acq: 24 Sep 2019 17:22

Tgt Ion: 98 Resp: 597040
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.503 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

RT-5124

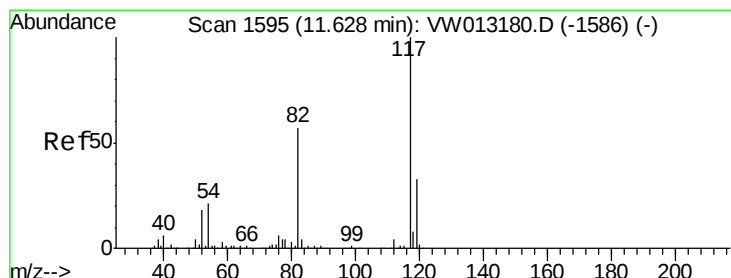
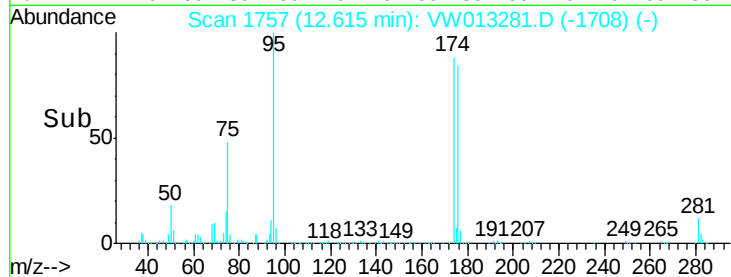
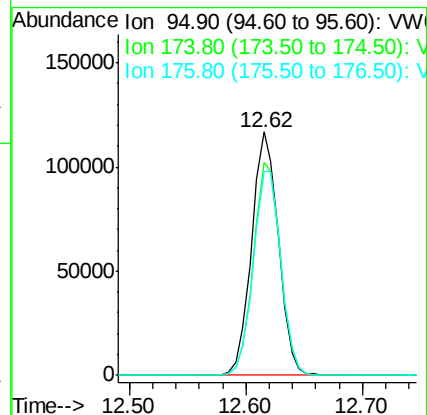
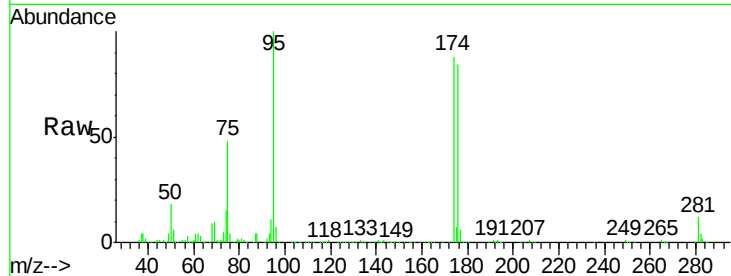
Tot Ion: 95 Resp: 187507

Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.4

176 86.7 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

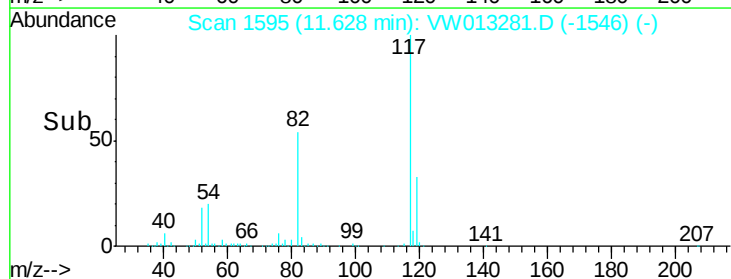
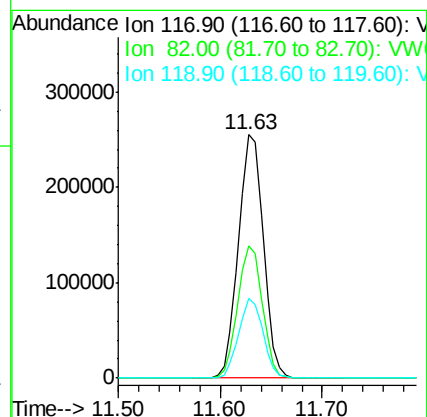
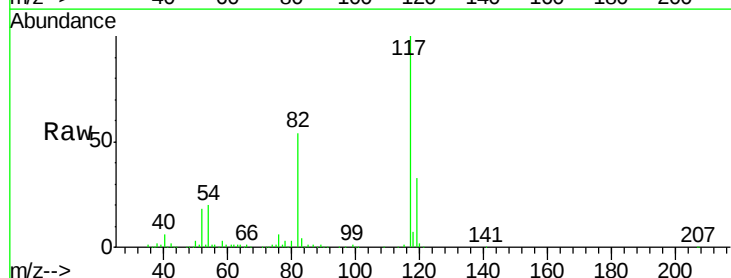
Tgt Ion: 117 Resp: 430483

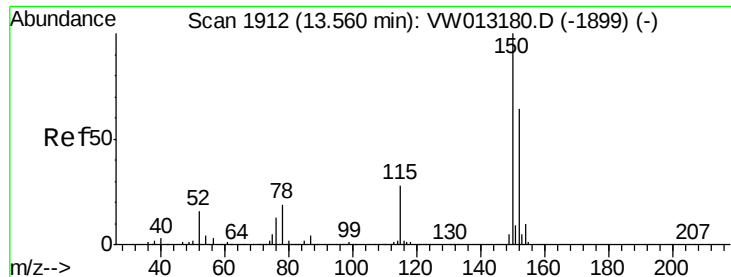
Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

119 32.7 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013281.D

Acq: 24 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

RT-5124

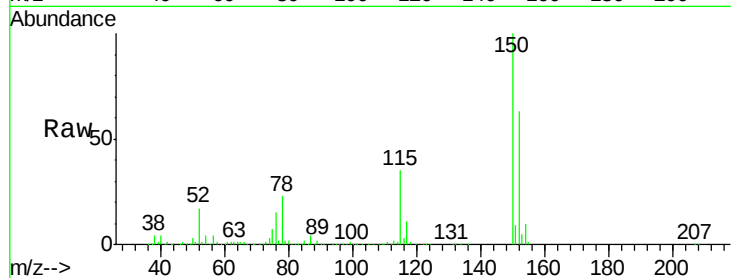
Tot Ion:152 Resp: 190581

Ion Ratio Lower Upper

152 100

115 55.6 27.3 81.9

150 158.1 0.0 349.0



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

