

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013259.D
 Acq On : 24 Sep 2019 05:30
 Operator : SY/VA
 Sample : K4957-09
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-9.5-10.0

Quant Time: Sep 24 08:43:54 2019
 Quant Method : Z:\V0ASRV\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	168510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	246876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69213	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.88	113	69634	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.32	98	286326	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	79966	41.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.40%	

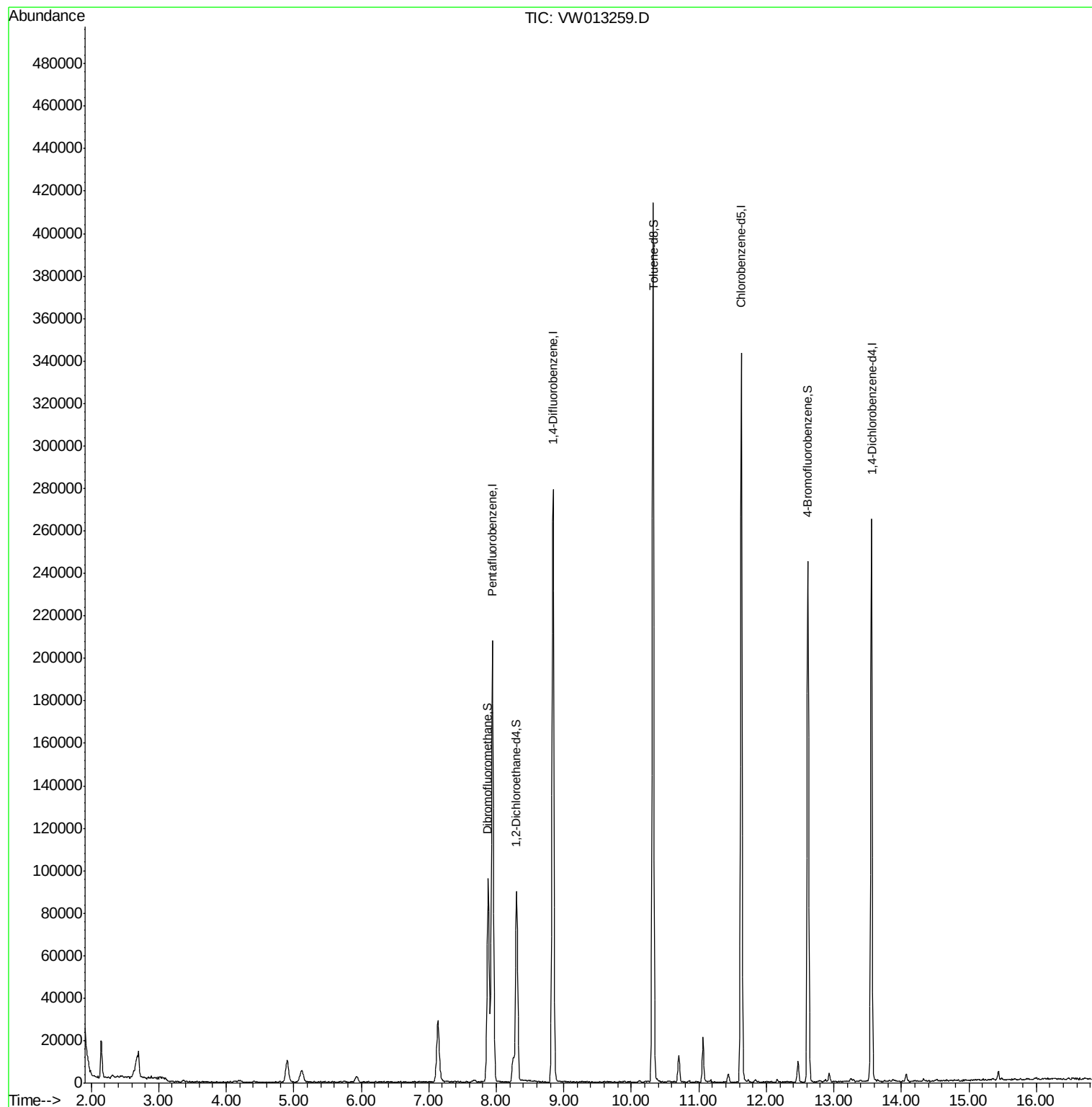
Target Compounds	Qvalue

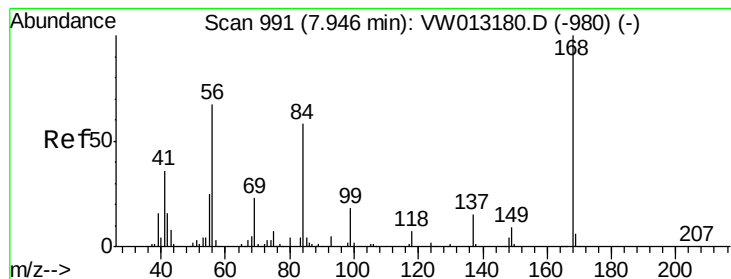
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

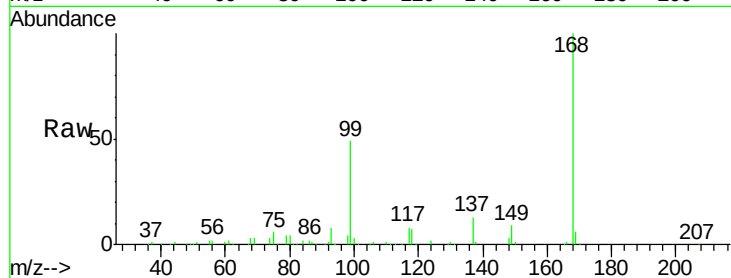
SB-32-9.5-10.0

Tot Ion:168 Resp: 168510

Ion Ratio Lower Upper

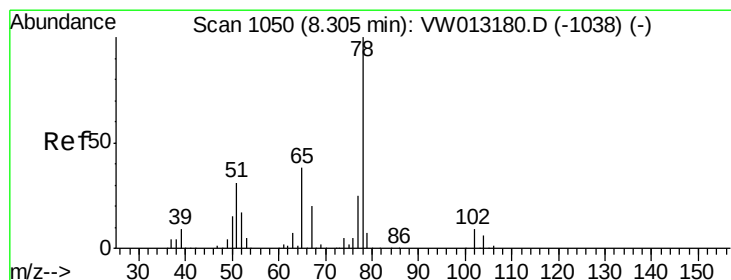
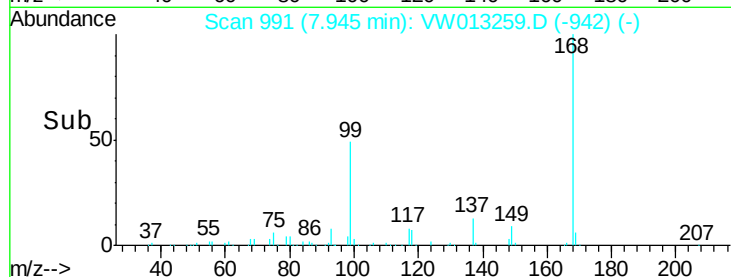
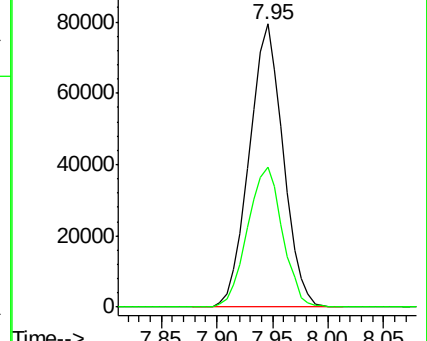
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 50.326 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013259.D

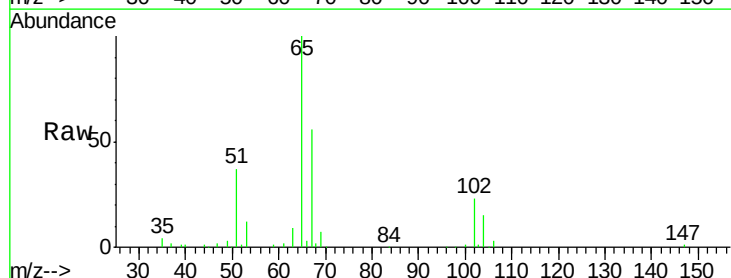
Acq: 24 Sep 2019 05:30

Tgt Ion: 65 Resp: 69213

Ion Ratio Lower Upper

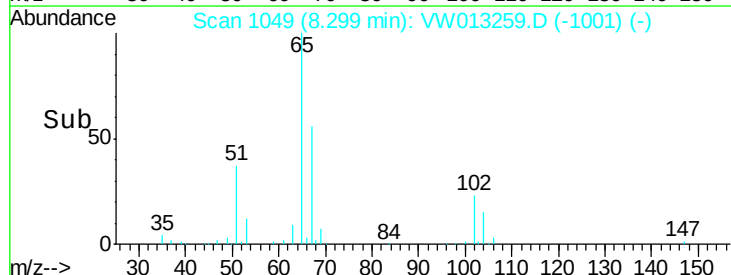
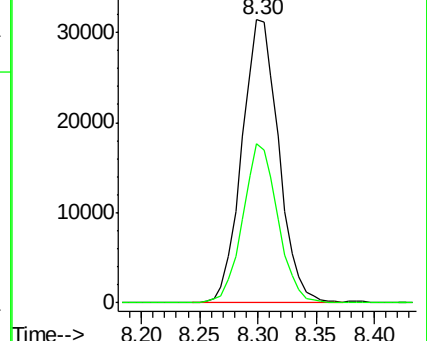
65 100

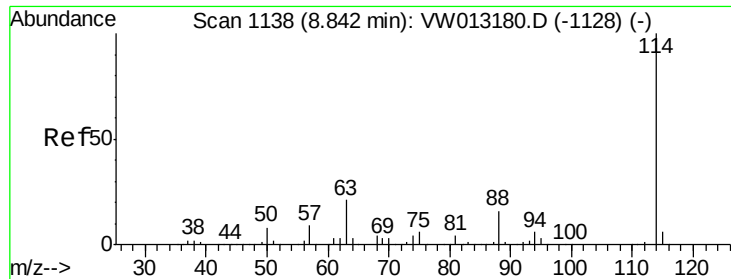
67 53.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

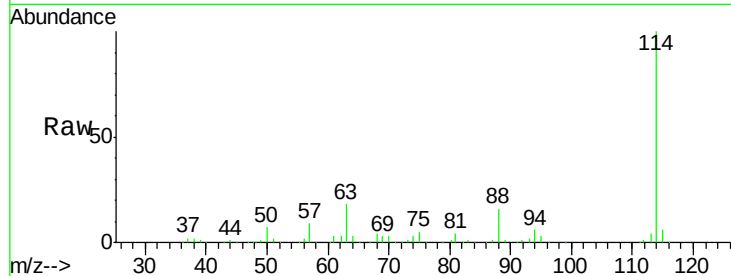




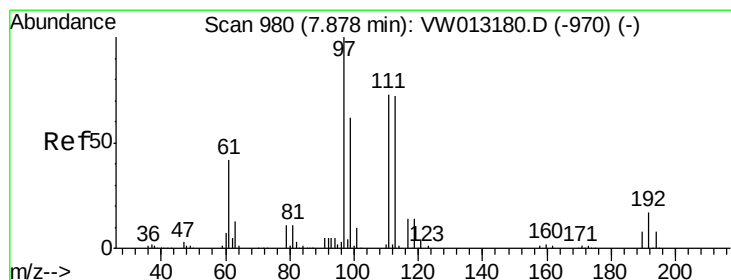
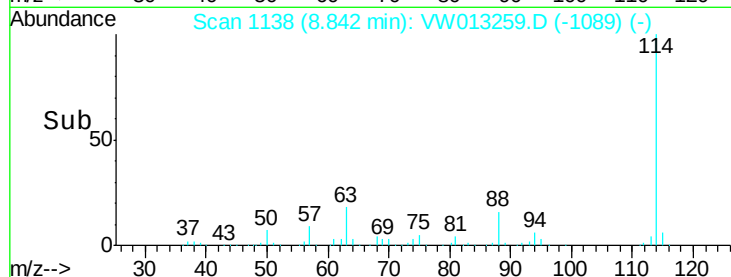
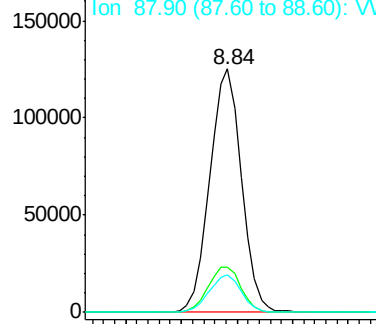
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013259.D
Acq: 24 Sep 2019 05:30

Instrument :
MSVOA_W
ClientSampleId :
SB-32-9.5-10.0

Tot Ion:114 Resp: 246876
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.4
88 15.6 0.0 32.0

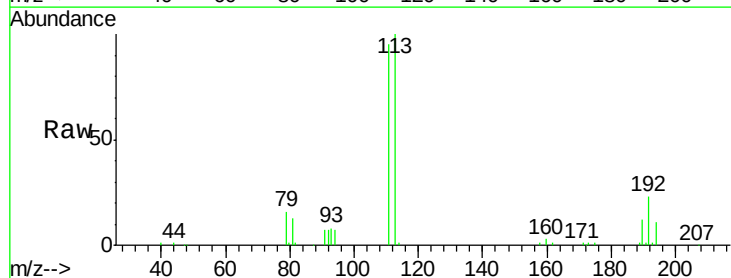


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

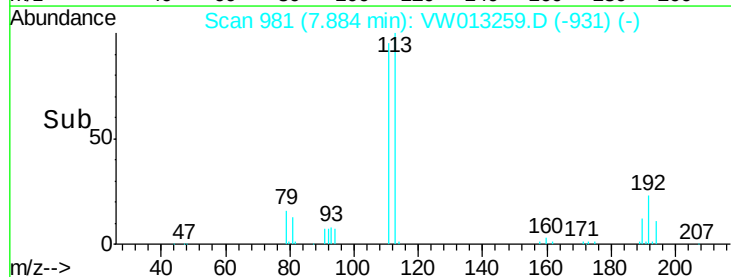
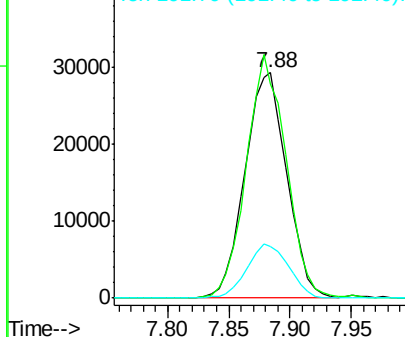


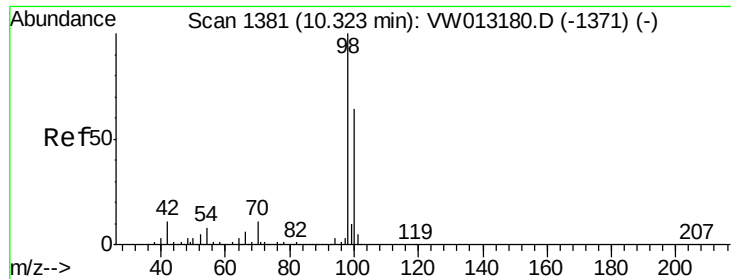
#35
Dibromofluoromethane
Concen: 51.284 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013259.D
Acq: 24 Sep 2019 05:30

Tgt Ion:113 Resp: 69634
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 24.0 19.1 28.7



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: 50.386 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013259.D

Acq: 24 Sep 2019 05:30

Instrument :

MSVOA_W

ClientSampleId :

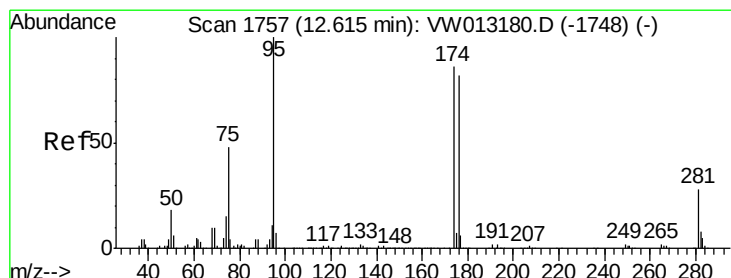
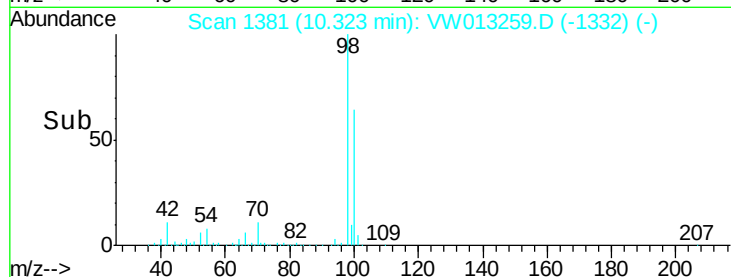
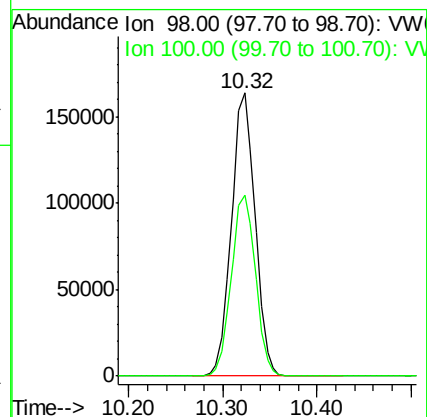
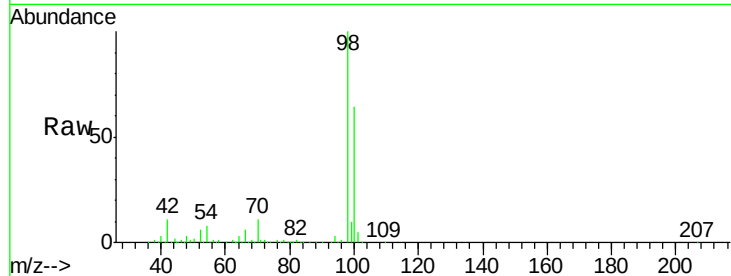
SB-32-9.5-10.0

Tot Ion: 98 Resp: 286326

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 41.195 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013259.D

Acq: 24 Sep 2019 05:30

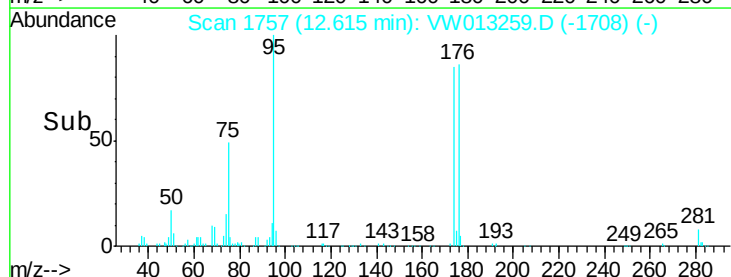
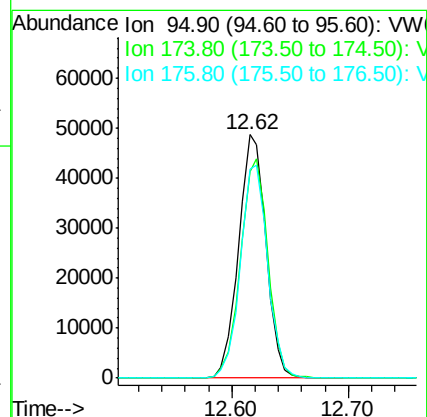
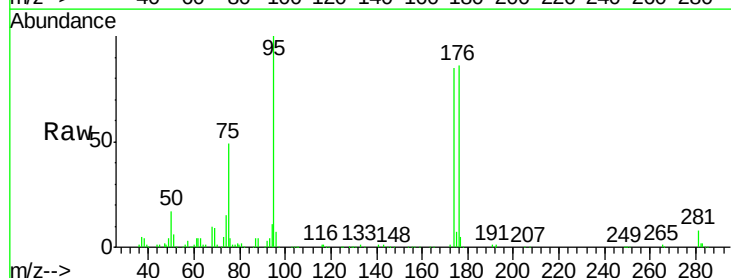
Tgt Ion: 95 Resp: 79966

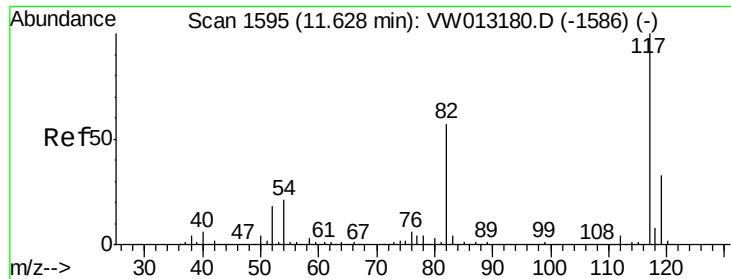
Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.4

176 87.1 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: VW013259.D

Acq: 24 Sep 2019 05:30

Instrument :

MSVOA_W

ClientSampleId :

SB-32-9.5-10.0

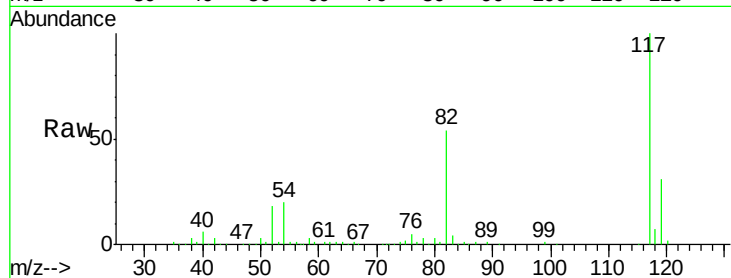
Tot Ion:117 Resp: 200935

Ion Ratio Lower Upper

117 100

82 54.5 45.9 68.9

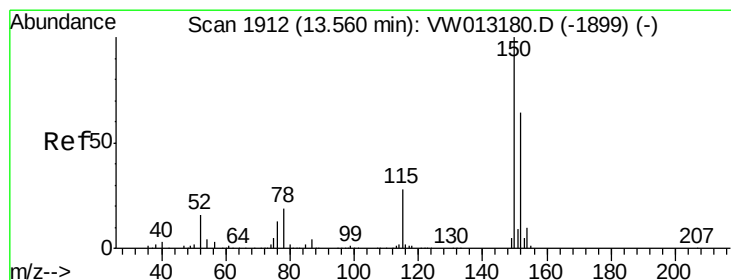
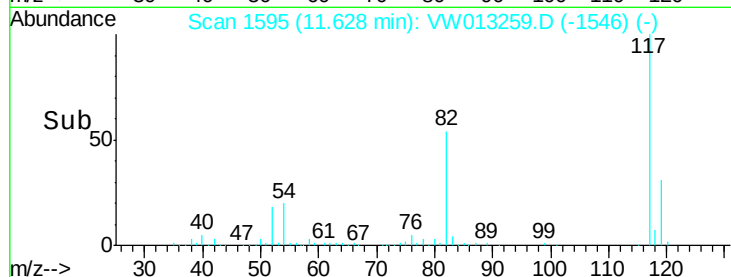
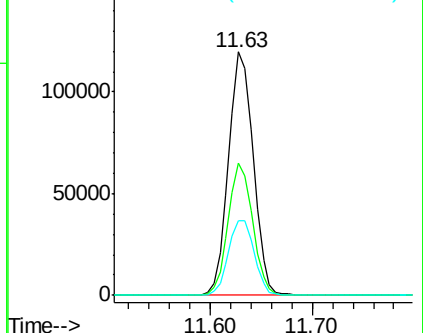
119 30.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013259.D

Acq: 24 Sep 2019 05:30

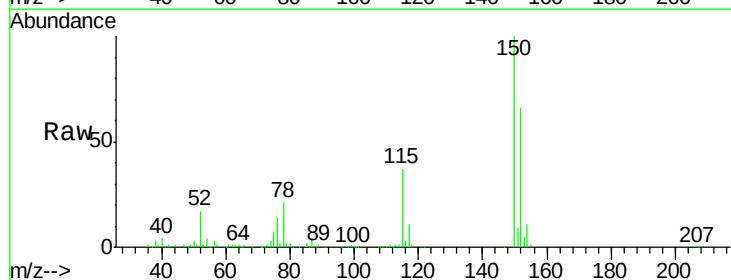
Tgt Ion:152 Resp: 78219

Ion Ratio Lower Upper

152 100

115 55.9 27.3 81.9

150 154.6 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

