

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013356.D
 Acq On : 01 Oct 2019 02:57
 Operator : SY/VA
 Sample : K4946-07
 Misc : 6.80G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-3 (10-12)

Quant Time: Oct 01 06:44:58 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	354567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192324	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147167	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	150842	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.32	98	610299	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.62	95	186256	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

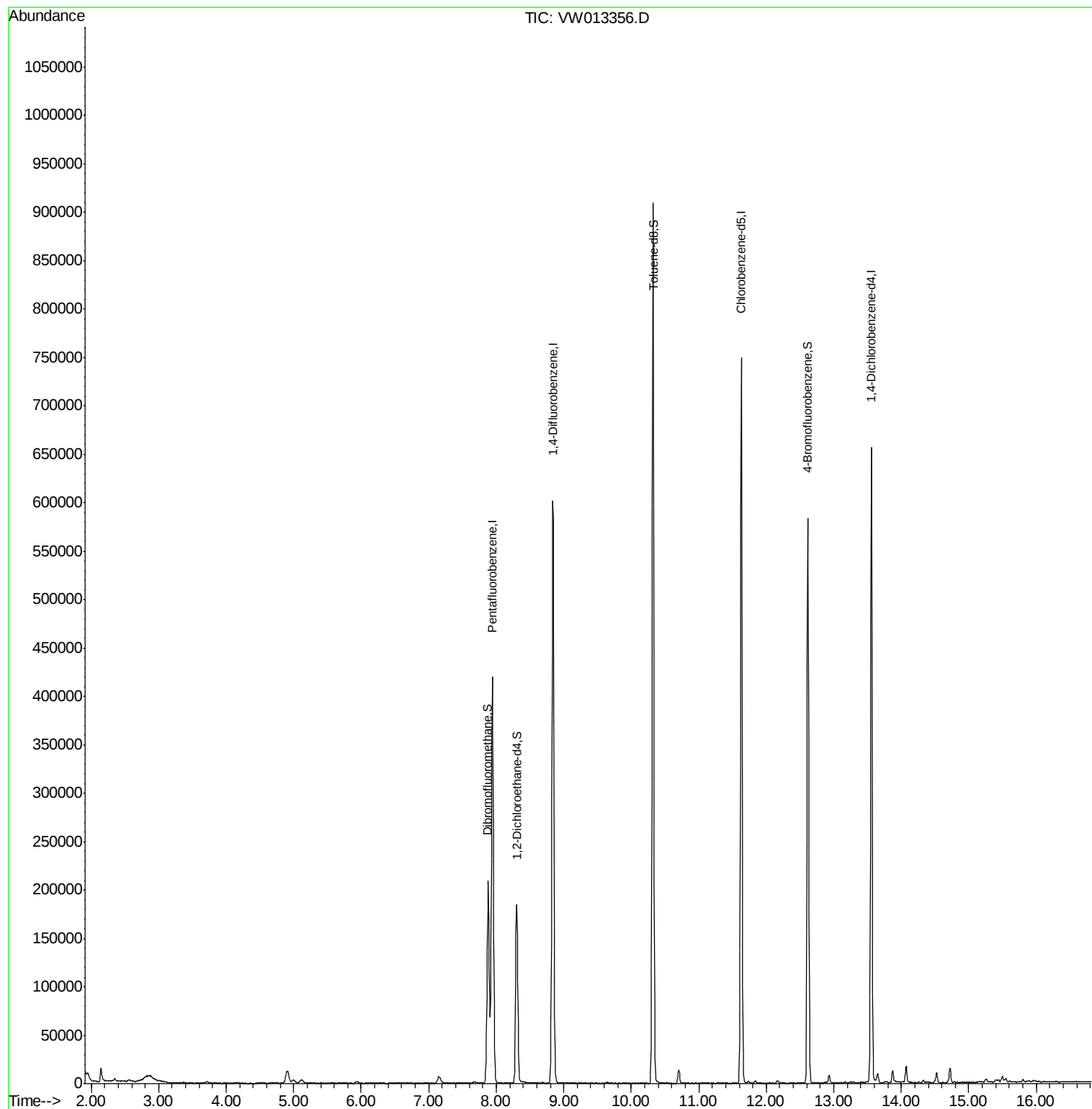
Target Compounds	Qvalue

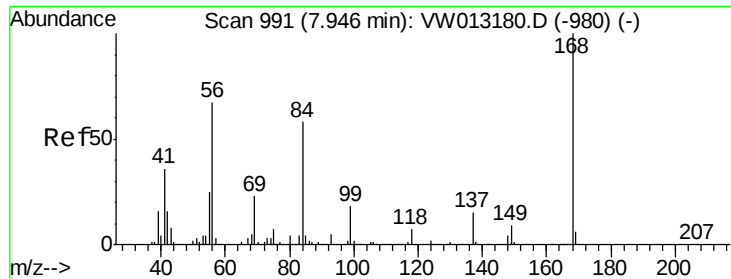
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampled :

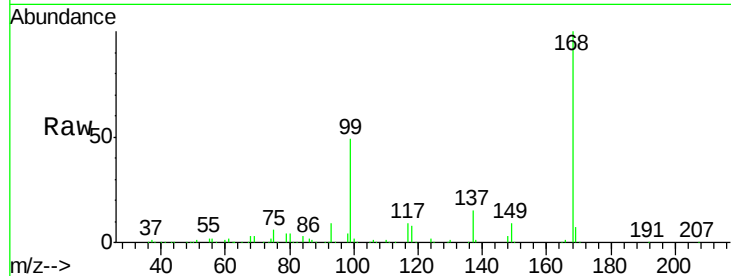
GP-3 (10-12)

Tot Ion:168 Resp: 354567

Ion Ratio Lower Upper

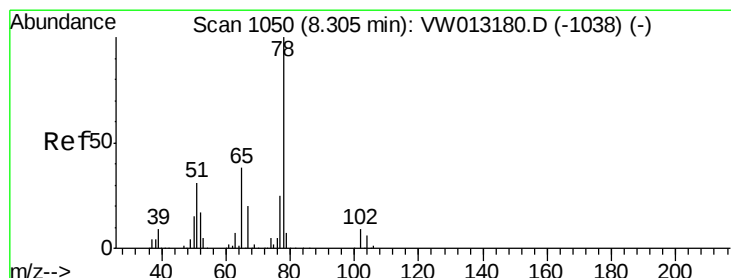
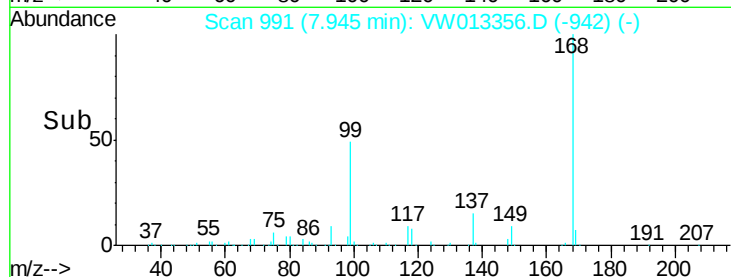
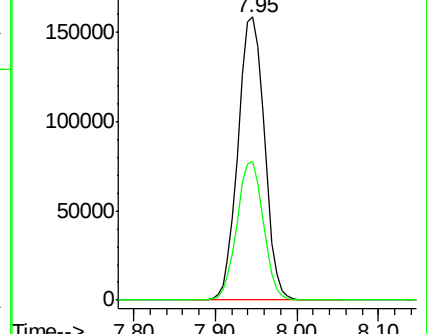
168 100

99 49.2 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: 50.856 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013356.D

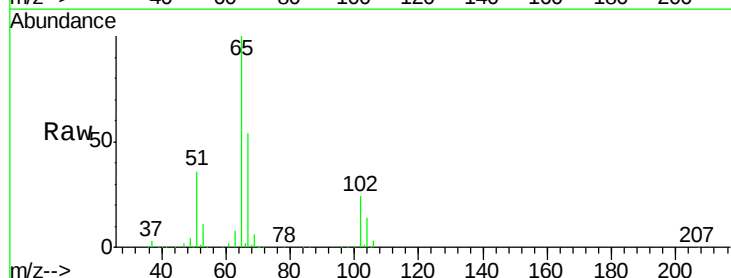
Acq: 01 Oct 2019 02:57

Tgt Ion: 65 Resp: 147167

Ion Ratio Lower Upper

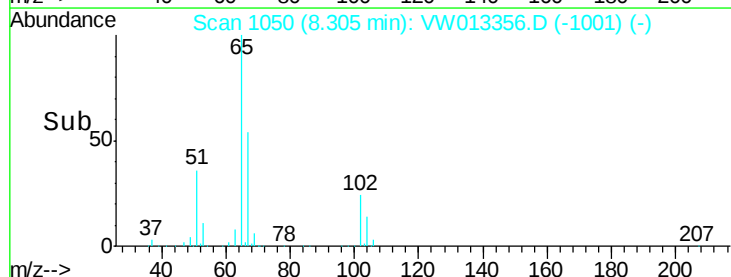
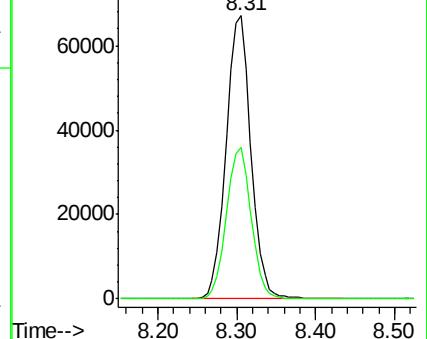
65 100

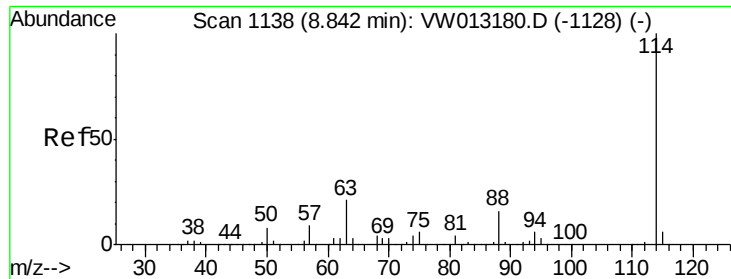
67 53.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

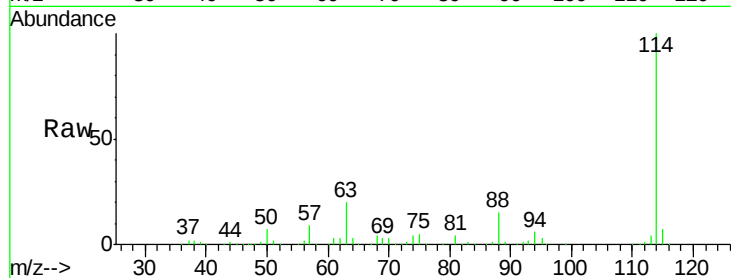




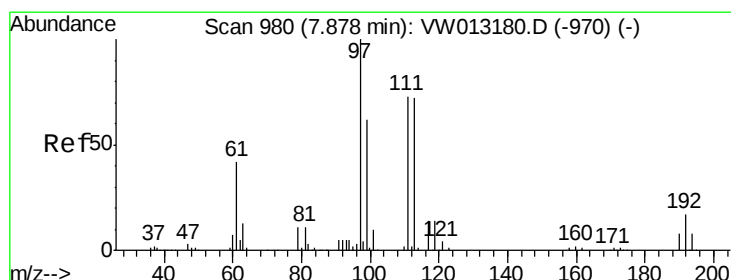
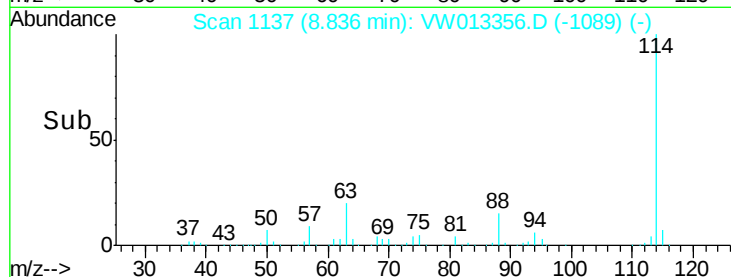
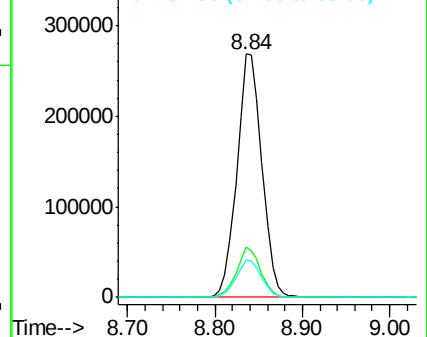
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-3_(10-12)

Tot Ion:114 Resp: 534906
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.2 0.0 32.0

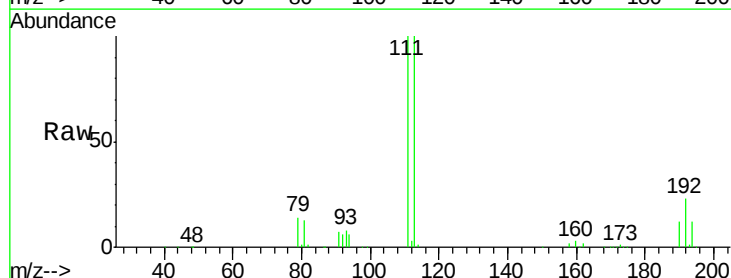


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

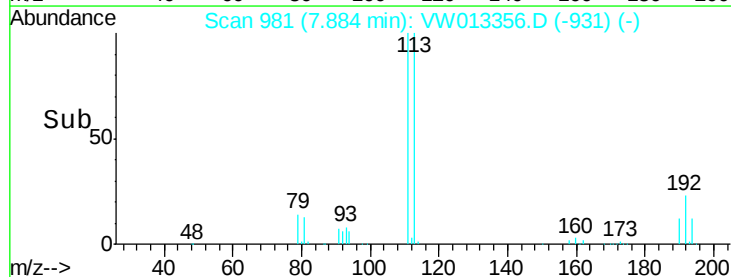
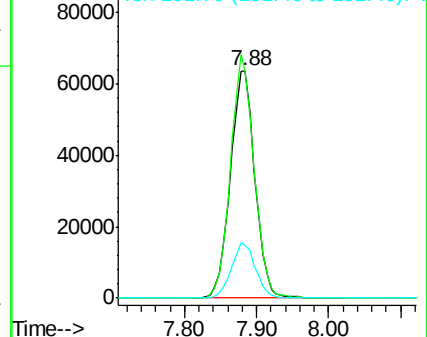


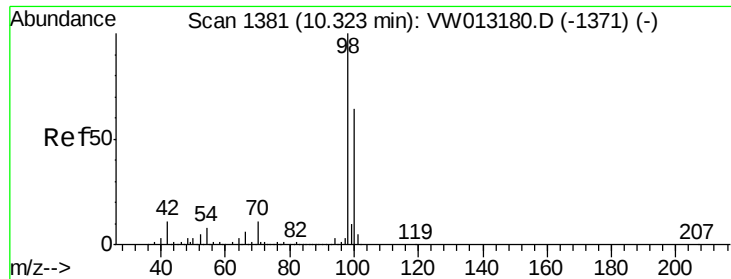
#35
 Dibromofluoromethane
 Concen: 51.272 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013356.D
 Acq: 01 Oct 2019 02:57

Tgt Ion:113 Resp: 150842
 Ion Ratio Lower Upper
 113 100
 111 102.8 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: 49.567 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

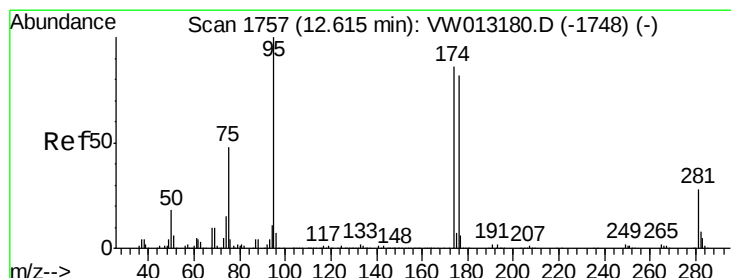
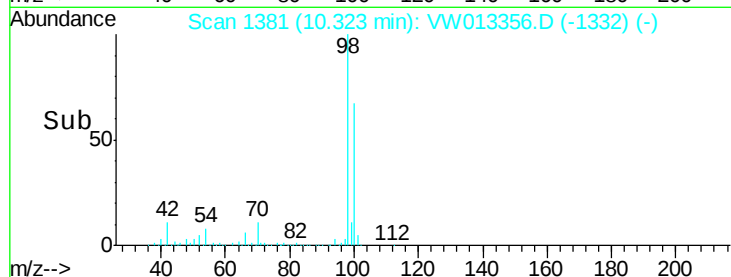
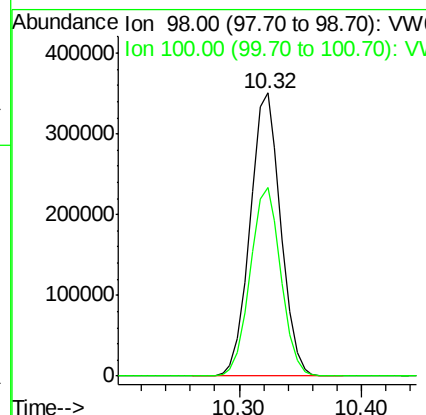
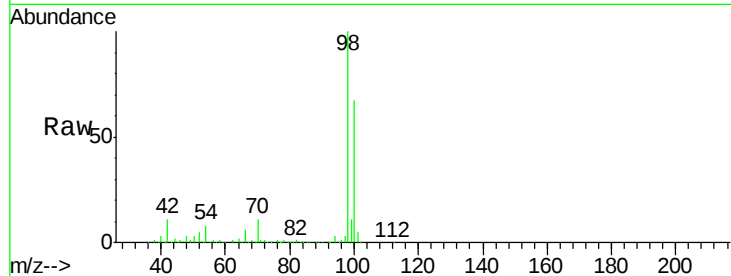
GP-3 (10-12)

Tot Ion: 98 Resp: 610299

Ion Ratio Lower Upper

98 100

100 66.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.285 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013356.D

Acq: 01 Oct 2019 02:57

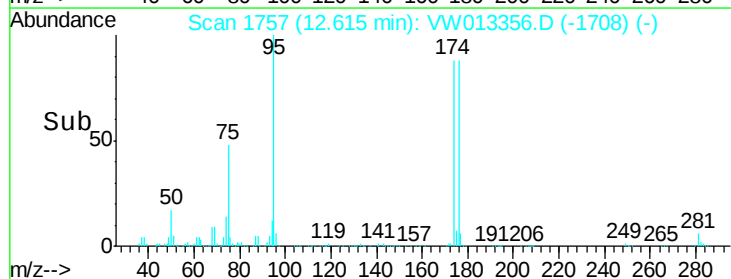
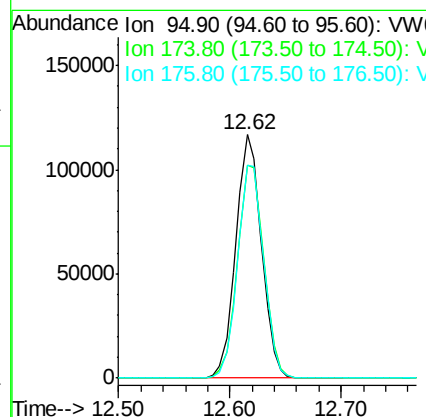
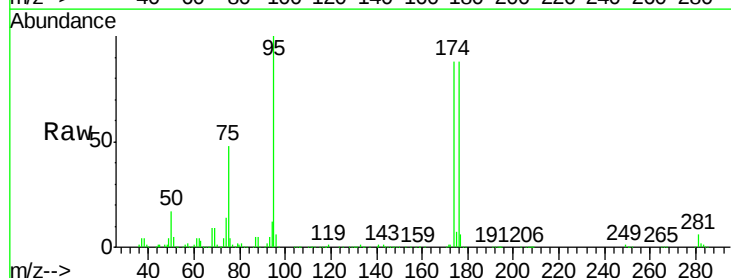
Tgt Ion: 95 Resp: 186256

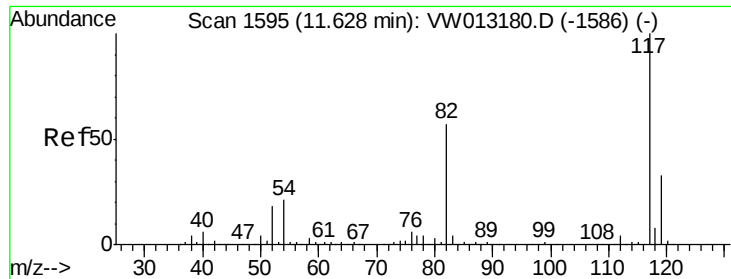
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.4

176 88.8 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: VW013356.D

Acq: 01 Oct 2019 02:57

Instrument :

MSVOA_W

ClientSampleId :

GP-3_(10-12)

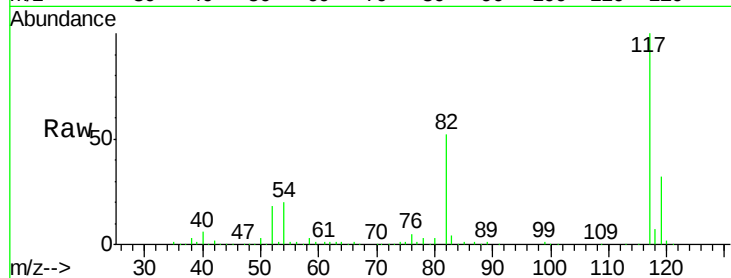
Tot Ion:117 Resp: 445744

Ion Ratio Lower Upper

117 100

82 52.4 45.9 68.9

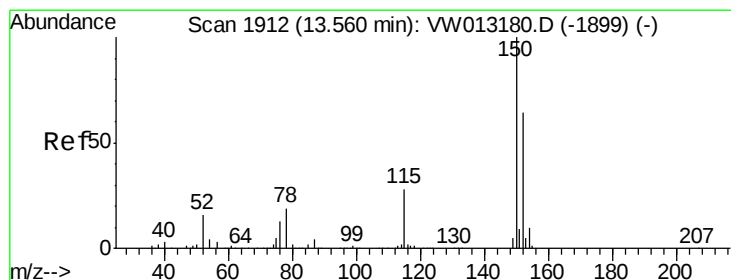
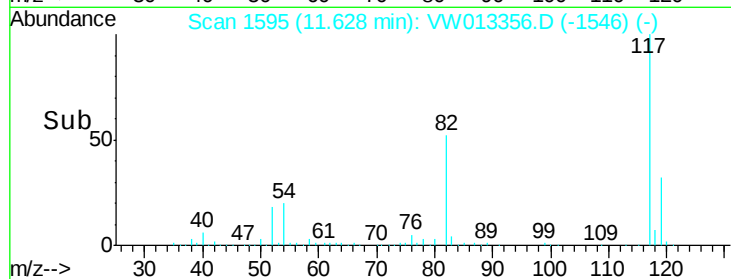
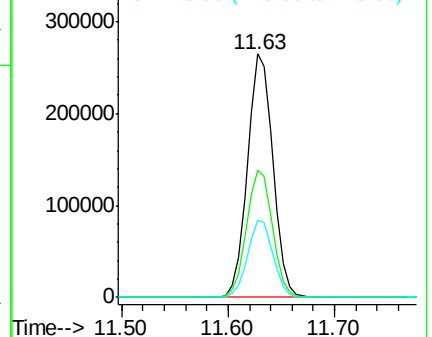
119 31.5 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013356.D

Acq: 01 Oct 2019 02:57

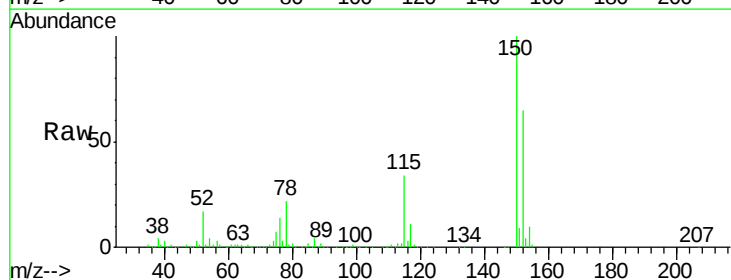
Tgt Ion:152 Resp: 192324

Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 155.9 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

