

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013360.D
 Acq On : 01 Oct 2019 04:41
 Operator : SY/VA
 Sample : K4946-11
 Misc : 7.10G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-5_(10-12)

Quant Time: Oct 01 07:05:28 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	339152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	501296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	174871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148392	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	144259	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.32	98	574855	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.62	95	174231	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

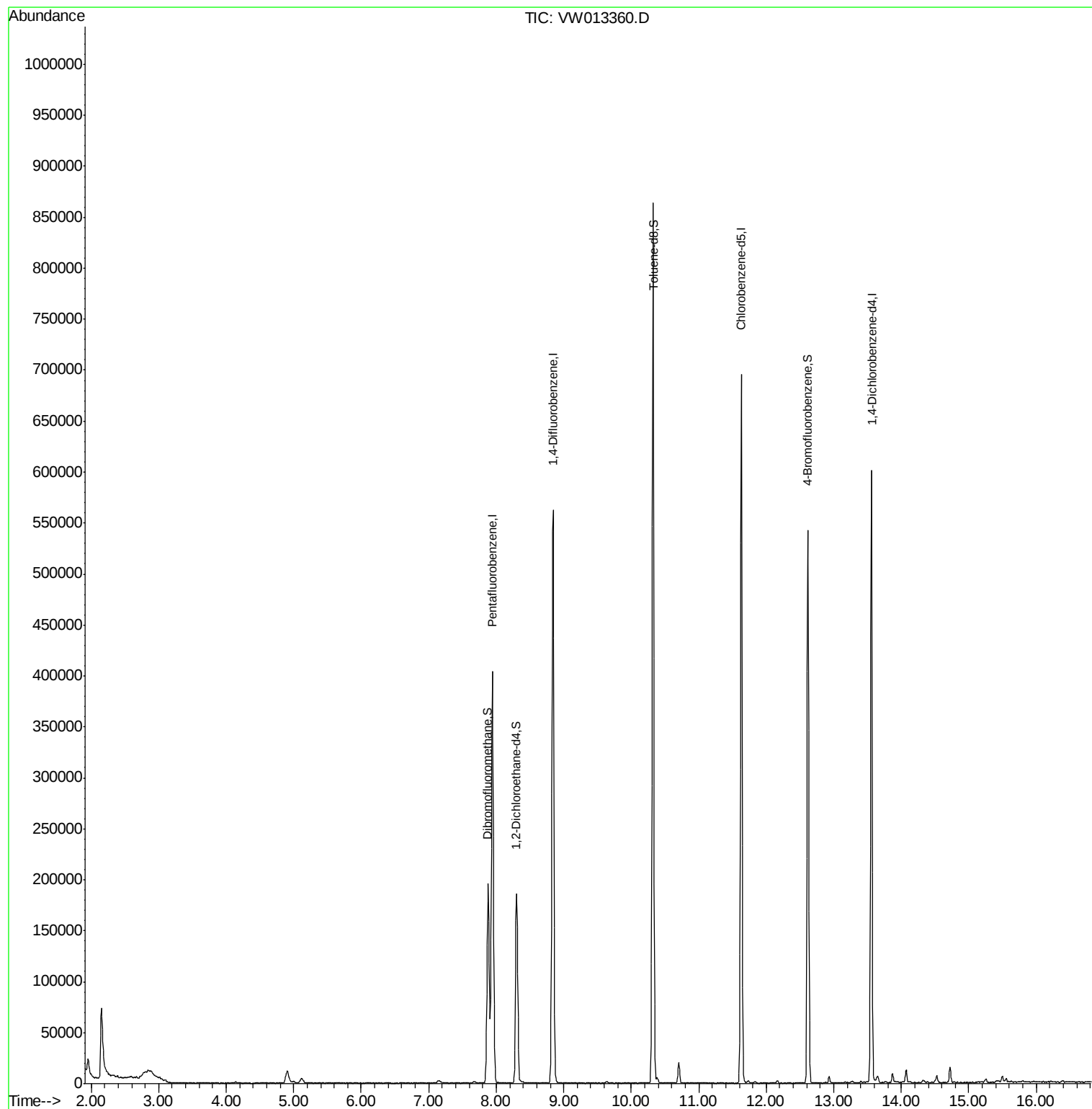
Target Compounds	Qvalue

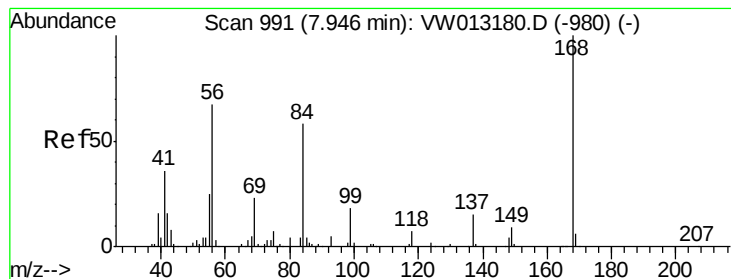
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampleId :

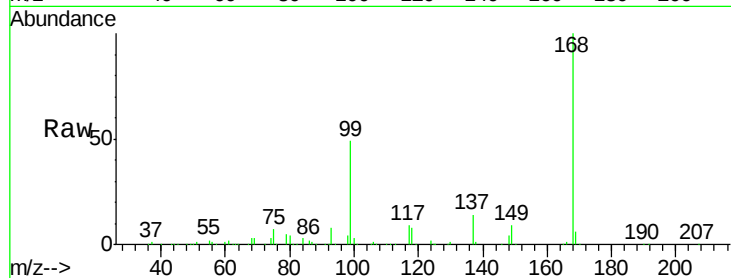
GP-5 (10-12)

Tot Ion:168 Resp: 339152

Ion Ratio Lower Upper

168 100

99 48.7 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

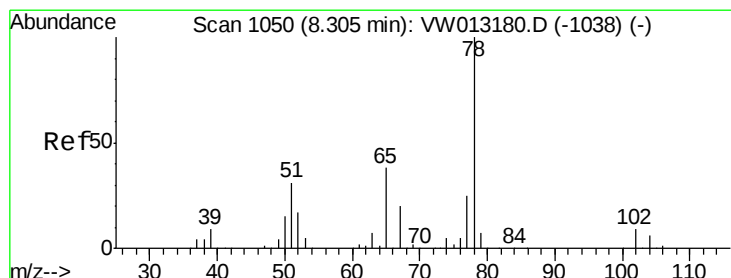
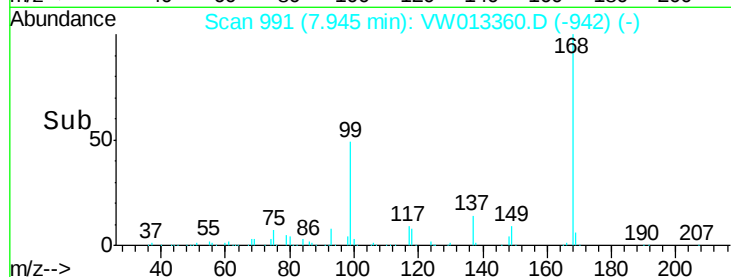
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.610 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013360.D

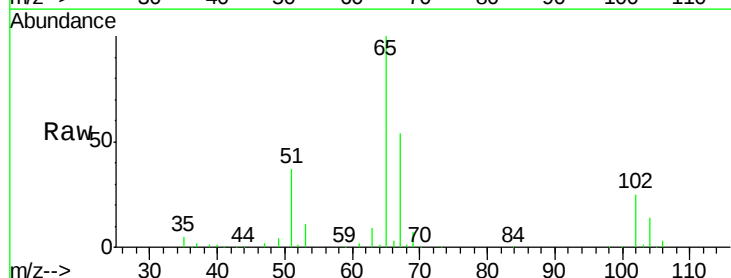
Acq: 01 Oct 2019 04:41

Tgt Ion: 65 Resp: 148392

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

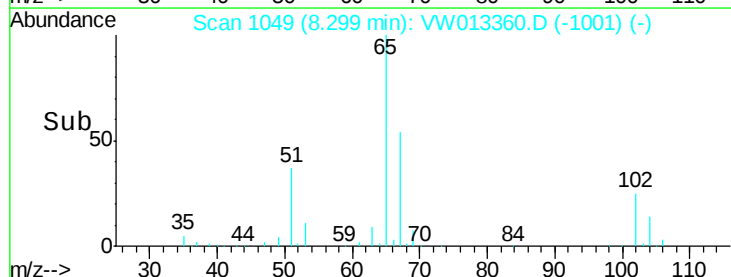
60000

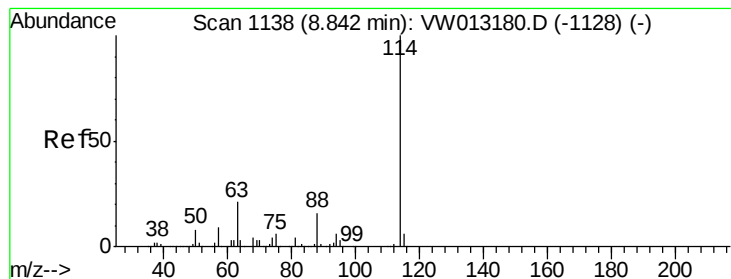
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampleId :

GP-5_(10-12)

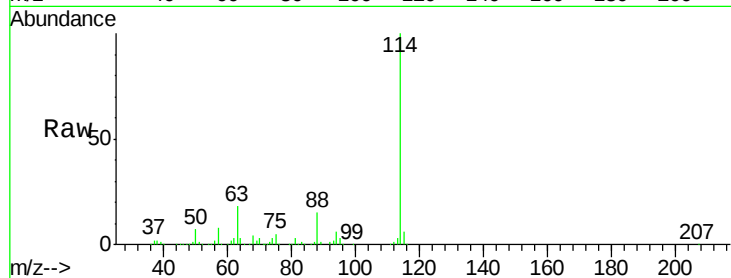
Tot Ion:114 Resp: 501296

Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.4

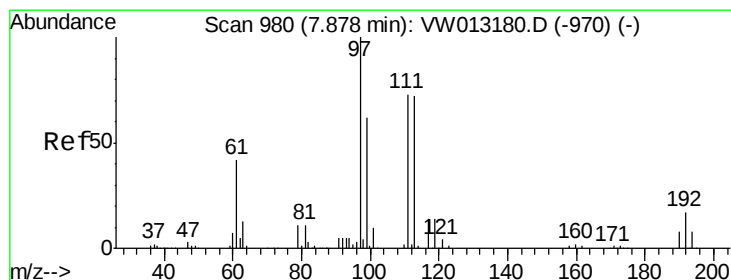
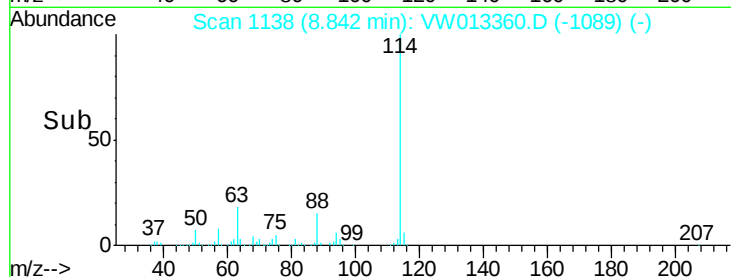
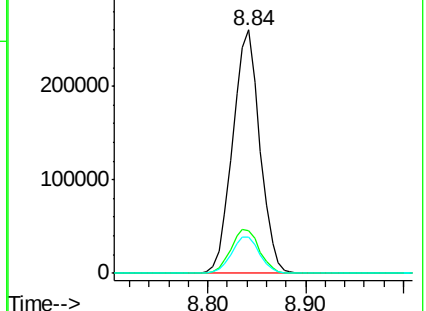
88 14.8 0.0 32.0



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: 52.322 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

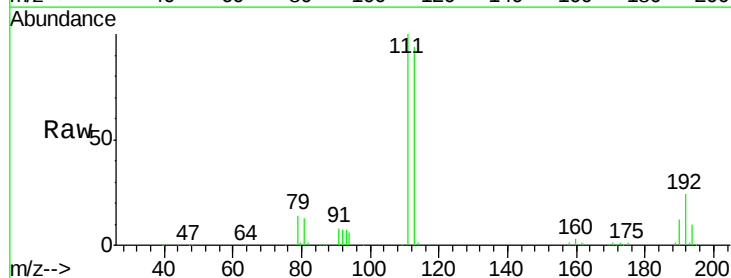
Tgt Ion:113 Resp: 144259

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

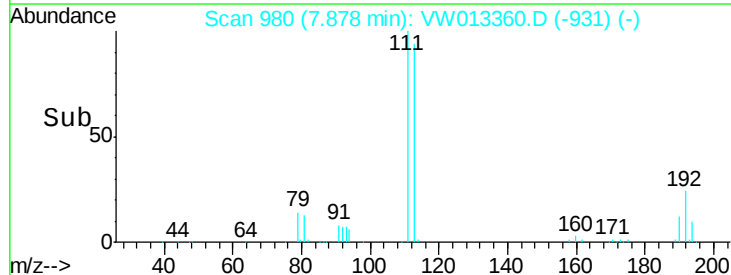
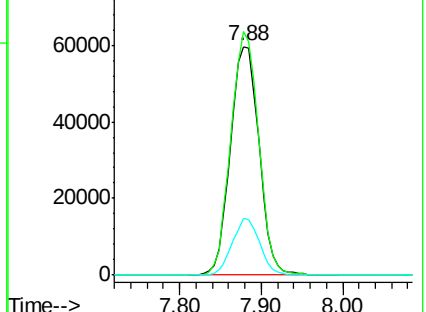
192 23.8 19.1 28.7

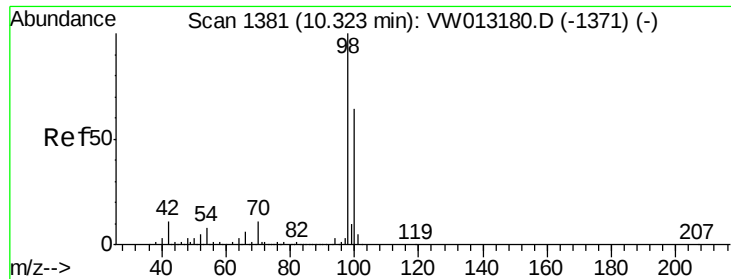


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.819 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampleId :

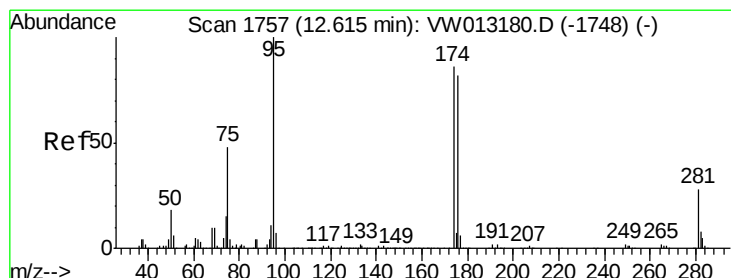
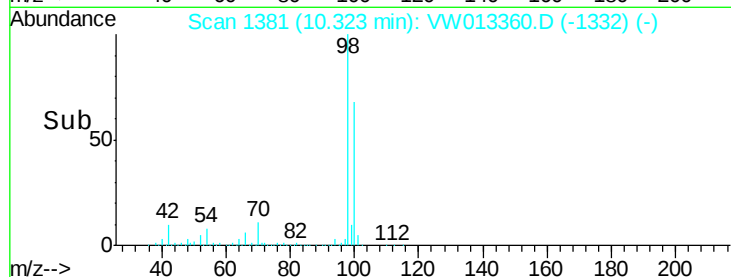
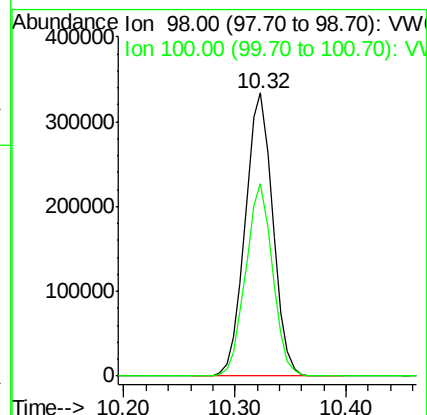
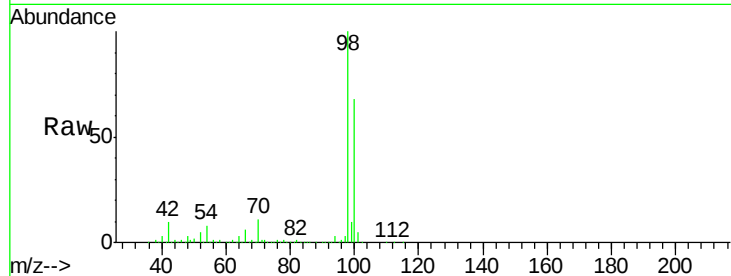
GP-5 (10-12)

Tot Ion: 98 Resp: 574855

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.203 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

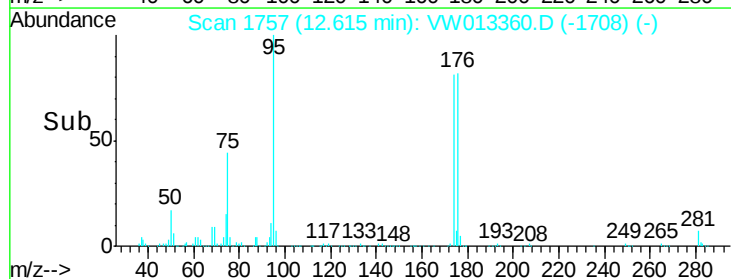
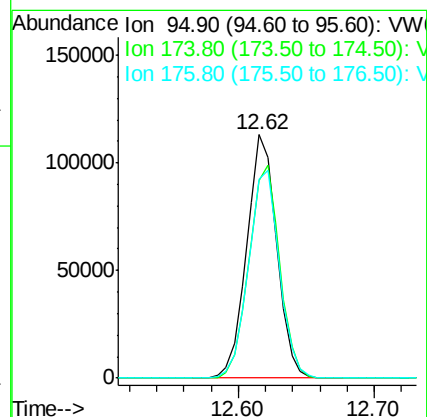
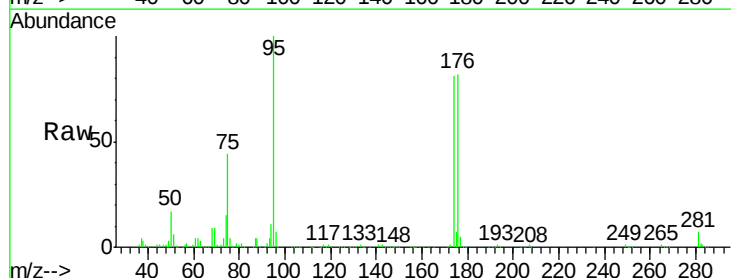
Tgt Ion: 95 Resp: 174231

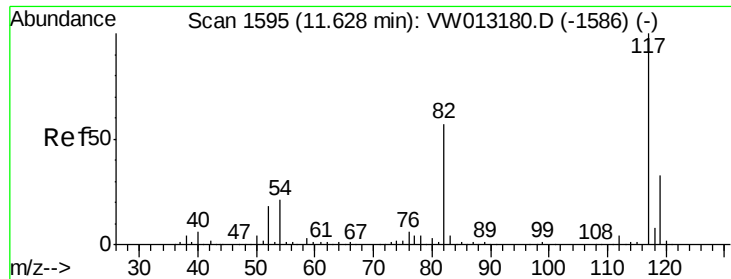
Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.4

176 88.3 0.0 172.2

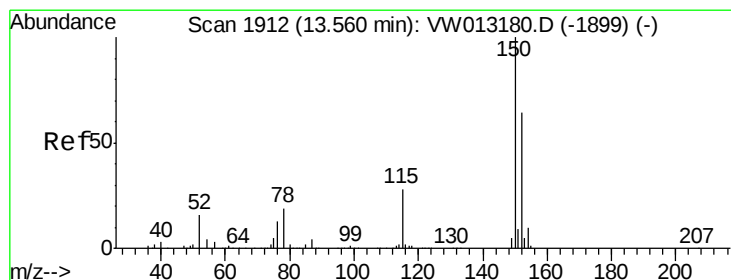
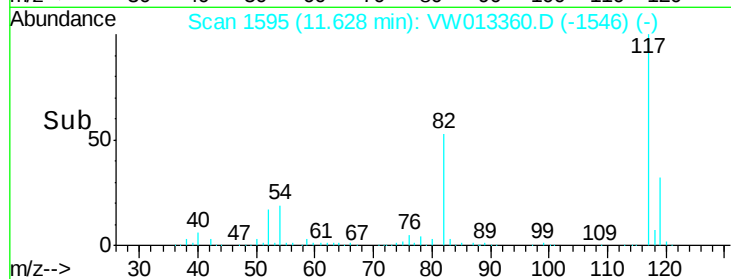
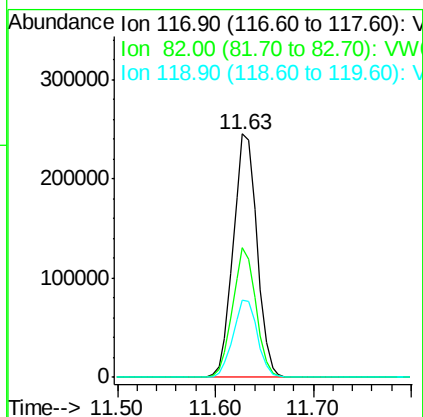
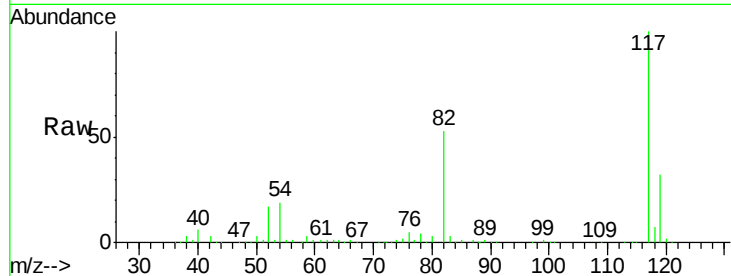




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013360.D
Acq: 01 Oct 2019 04:41

Instrument :
MSVOA_W
ClientSampleId :
GP-5_(10-12)

Tot Ion:117 Resp: 413979
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 31.5 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: VW013360.D
Acq: 01 Oct 2019 04:41

Tgt Ion:152 Resp: 174871
Ion Ratio Lower Upper
152 100
115 52.9 27.3 81.9
150 158.7 0.0 349.0

