

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013353.D
 Acq On : 01 Oct 2019 01:40
 Operator : SY/VA
 Sample : K4946-04
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-2 (1-3)

Quant Time: Oct 01 06:38:05 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	337352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89445	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153009	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
35) Dibromofluoromethane	7.88	113	149938	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
50) Toluene-d8	10.32	98	584234	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.62	95	123431	31.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.68%	

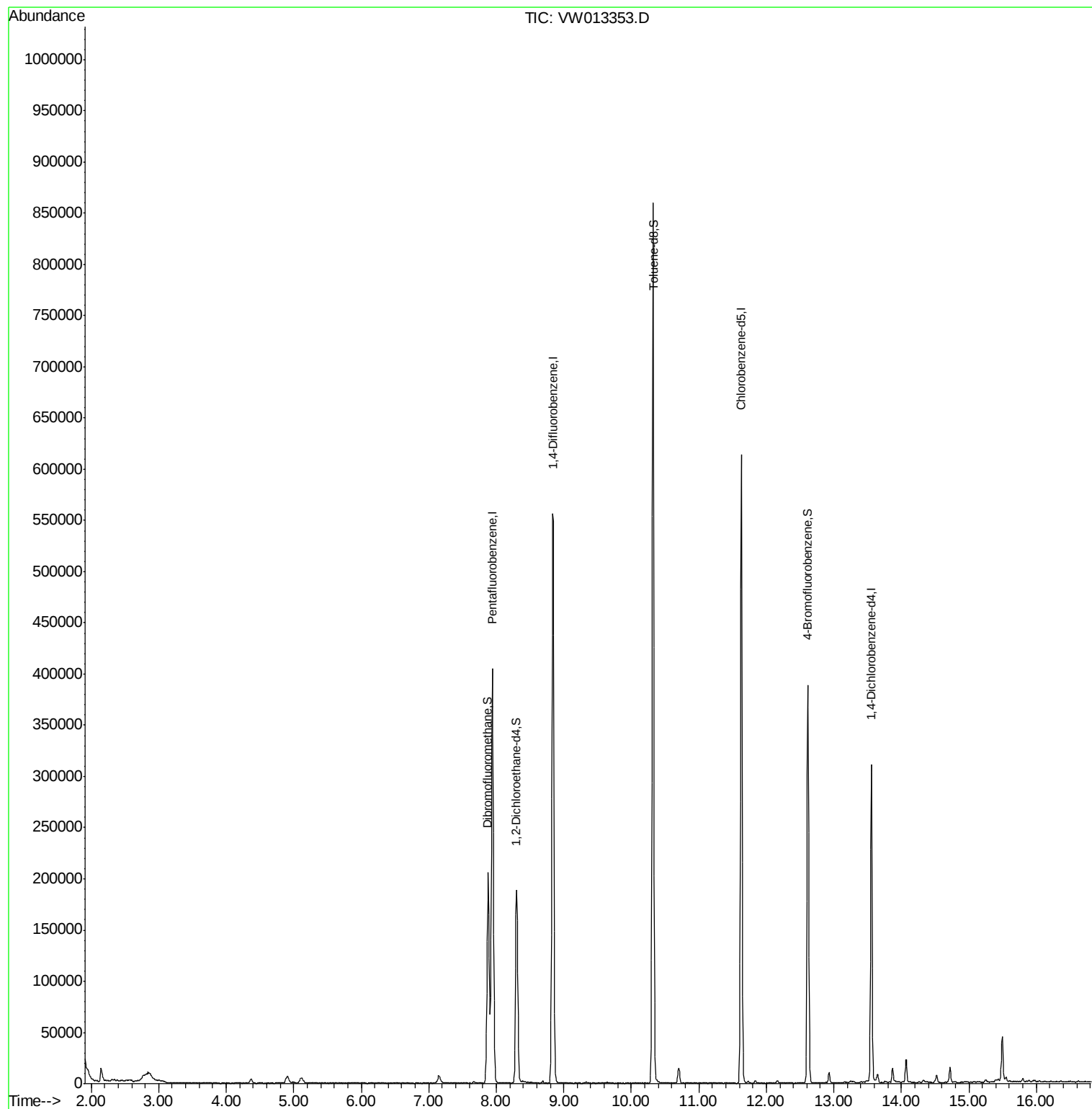
Target Compounds	Qvalue

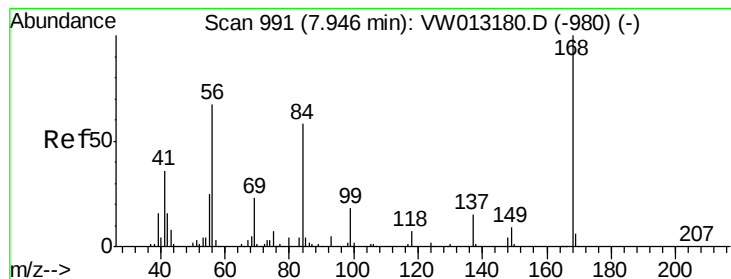
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
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: VW013353.D

Acq: 01 Oct 2019 01:40

Instrument :

MSVOA_W

ClientSampleId :

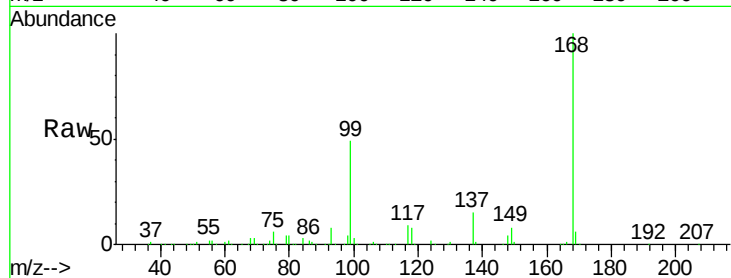
GP-2 (1-3)

Tot Ion:168 Resp: 337352

Ion Ratio Lower Upper

168 100

99 48.8 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

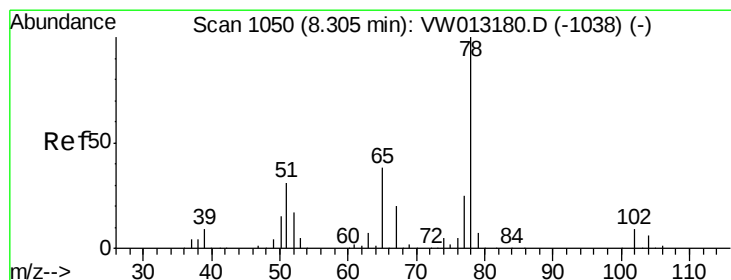
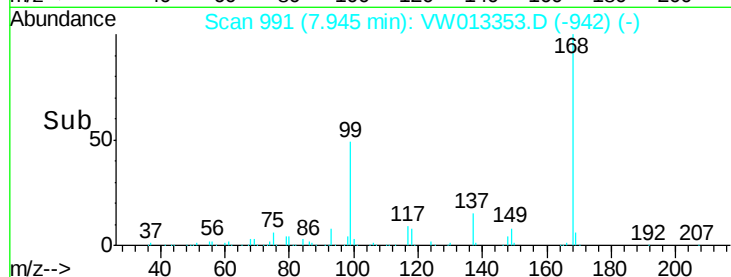
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.573 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013353.D

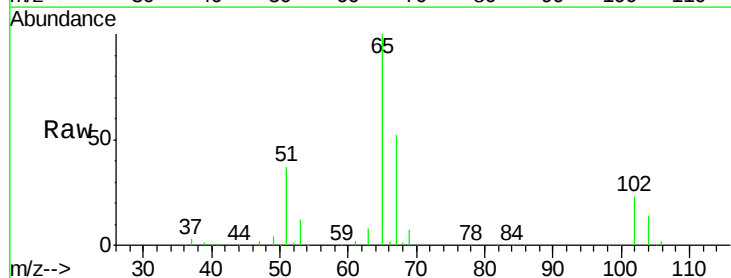
Acq: 01 Oct 2019 01:40

Tgt Ion: 65 Resp: 153009

Ion Ratio Lower Upper

65 100

67 53.0 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

80000

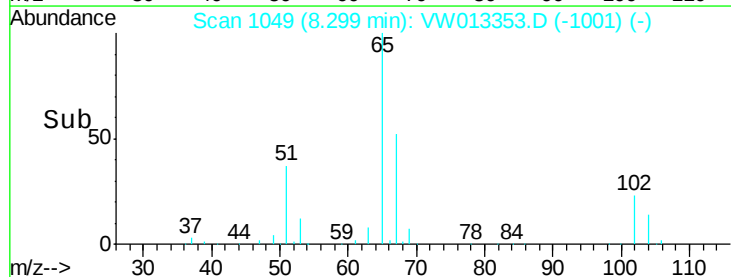
60000

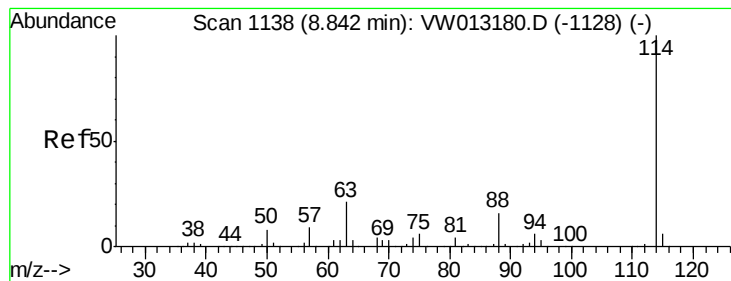
40000

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: VW013353.D

Acq: 01 Oct 2019 01:40

Instrument :

MSVOA_W

ClientSampleId :

GP-2 (1-3)

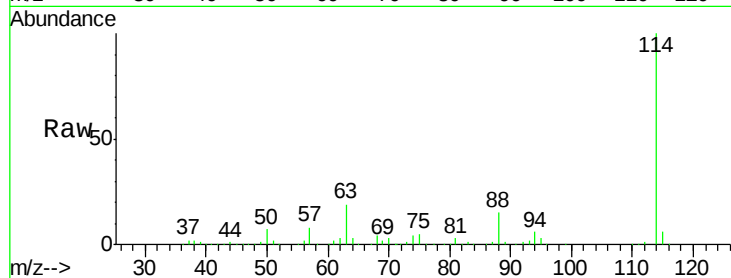
Tot Ion:114 Resp: 500885

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

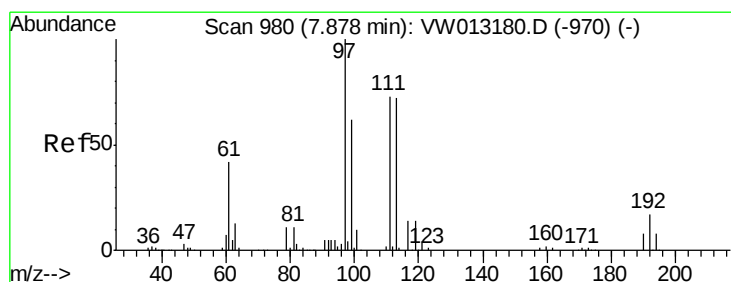
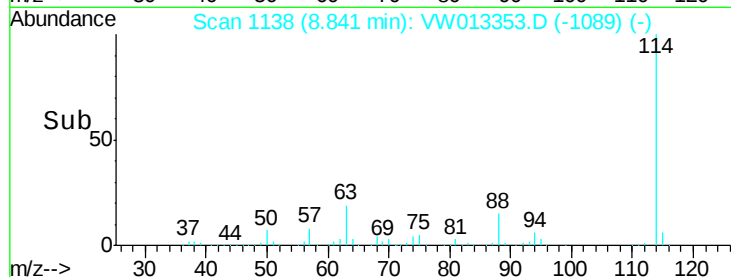
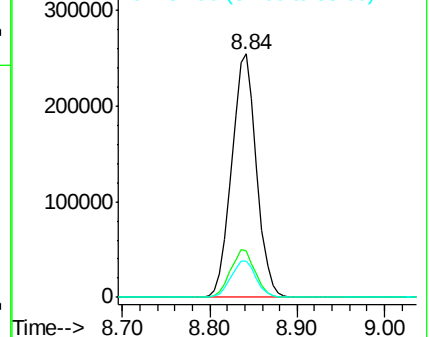
88 15.1 0.0 32.0



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: 54.427 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013353.D

Acq: 01 Oct 2019 01:40

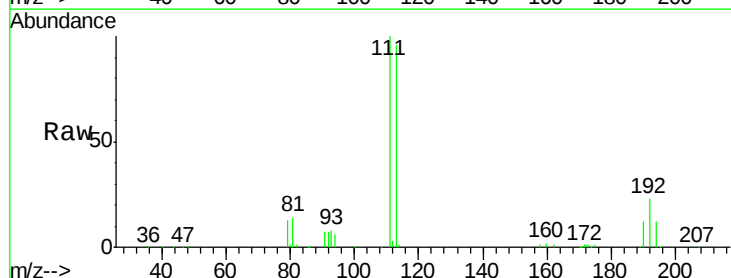
Tgt Ion:113 Resp: 149938

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

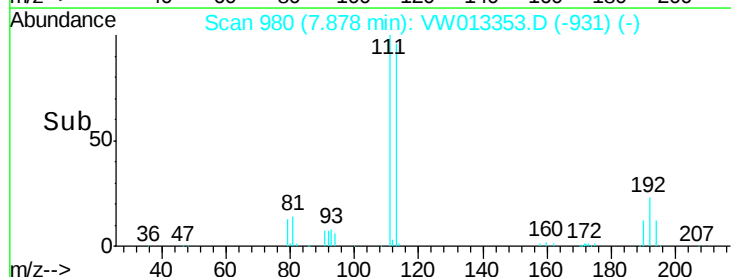
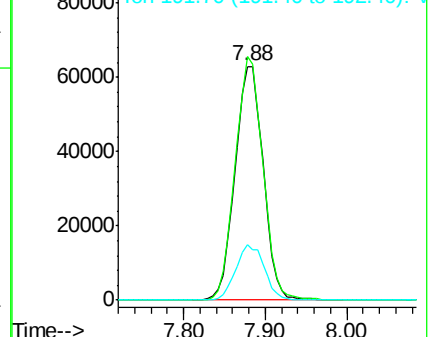
192 23.8 19.1 28.7

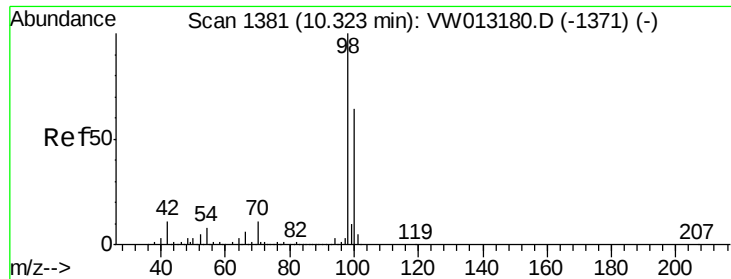


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013353.D

Acq: 01 Oct 2019 01:40

Instrument :

MSVOA_W

ClientSampleId :

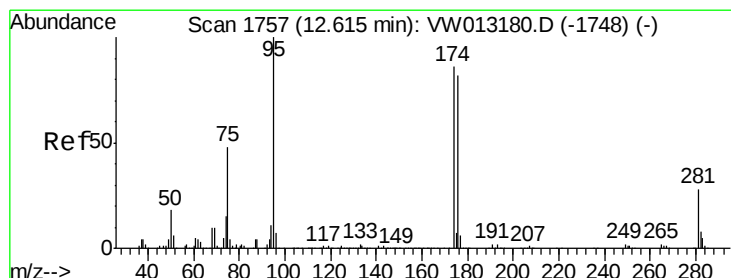
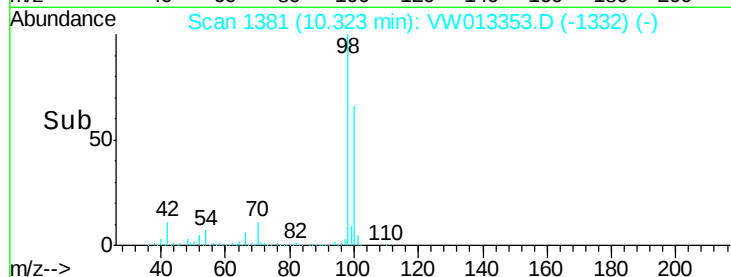
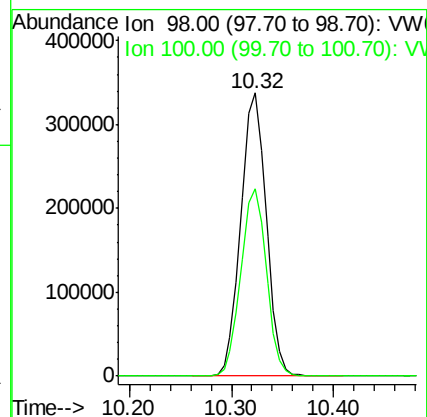
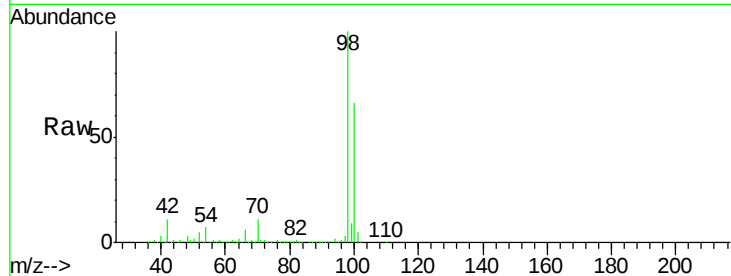
GP-2 (1-3)

Tot Ion: 98 Resp: 584234

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 31.341 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013353.D

Acq: 01 Oct 2019 01:40

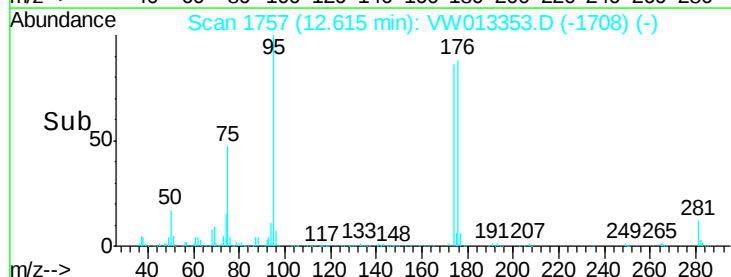
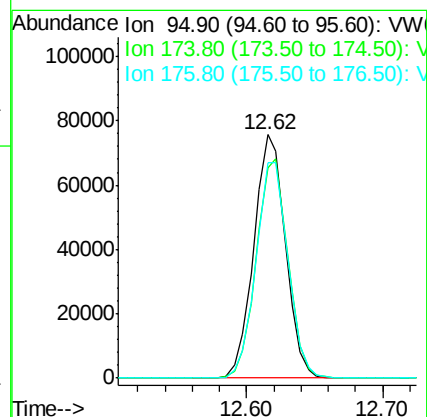
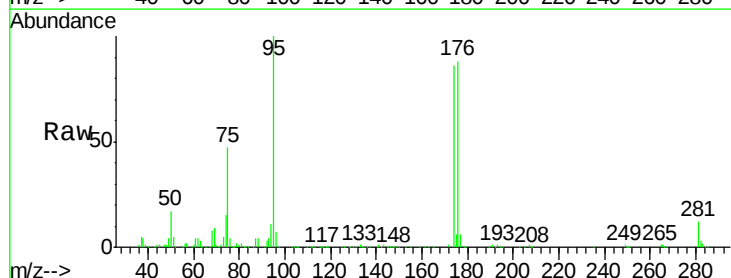
Tgt Ion: 95 Resp: 123431

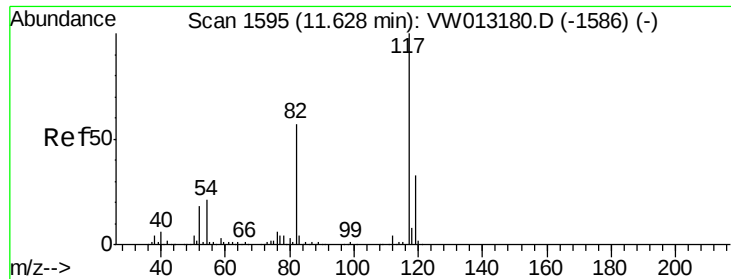
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.4

176 90.5 0.0 172.2

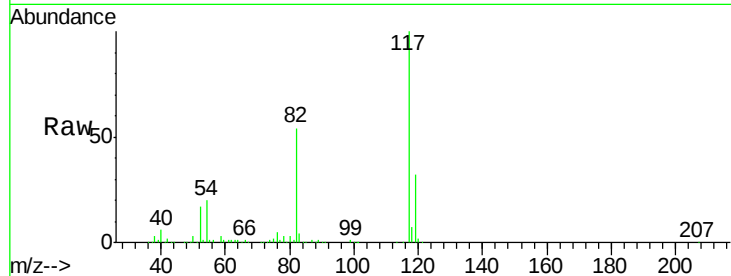




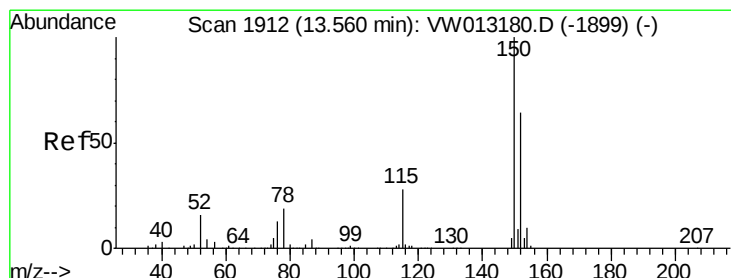
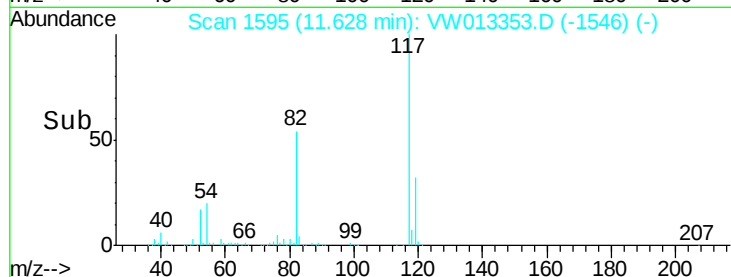
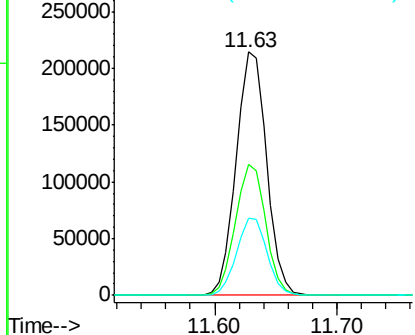
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Instrument :
MSVOA_W
ClientSampleId :
GP-2 (1-3)

Tot Ion:117 Resp: 370022
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 31.9 26.2 39.2

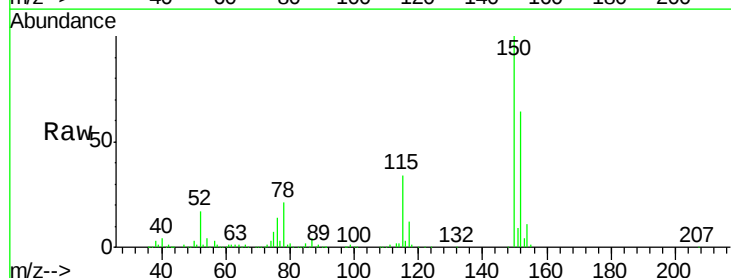


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013353.D
Acq: 01 Oct 2019 01:40

Tgt Ion:152 Resp: 89445
Ion Ratio Lower Upper
152 100
115 56.2 27.3 81.9
150 158.7 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

