

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013227.D
 Acq On : 23 Sep 2019 13:29
 Operator : SY/VA
 Sample : K4997-04
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-09-091919

Quant Time: Sep 24 07:04:30 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	338762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	499232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	403974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163105	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134989	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.88	113	140985	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.32	98	573285	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	170547	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	

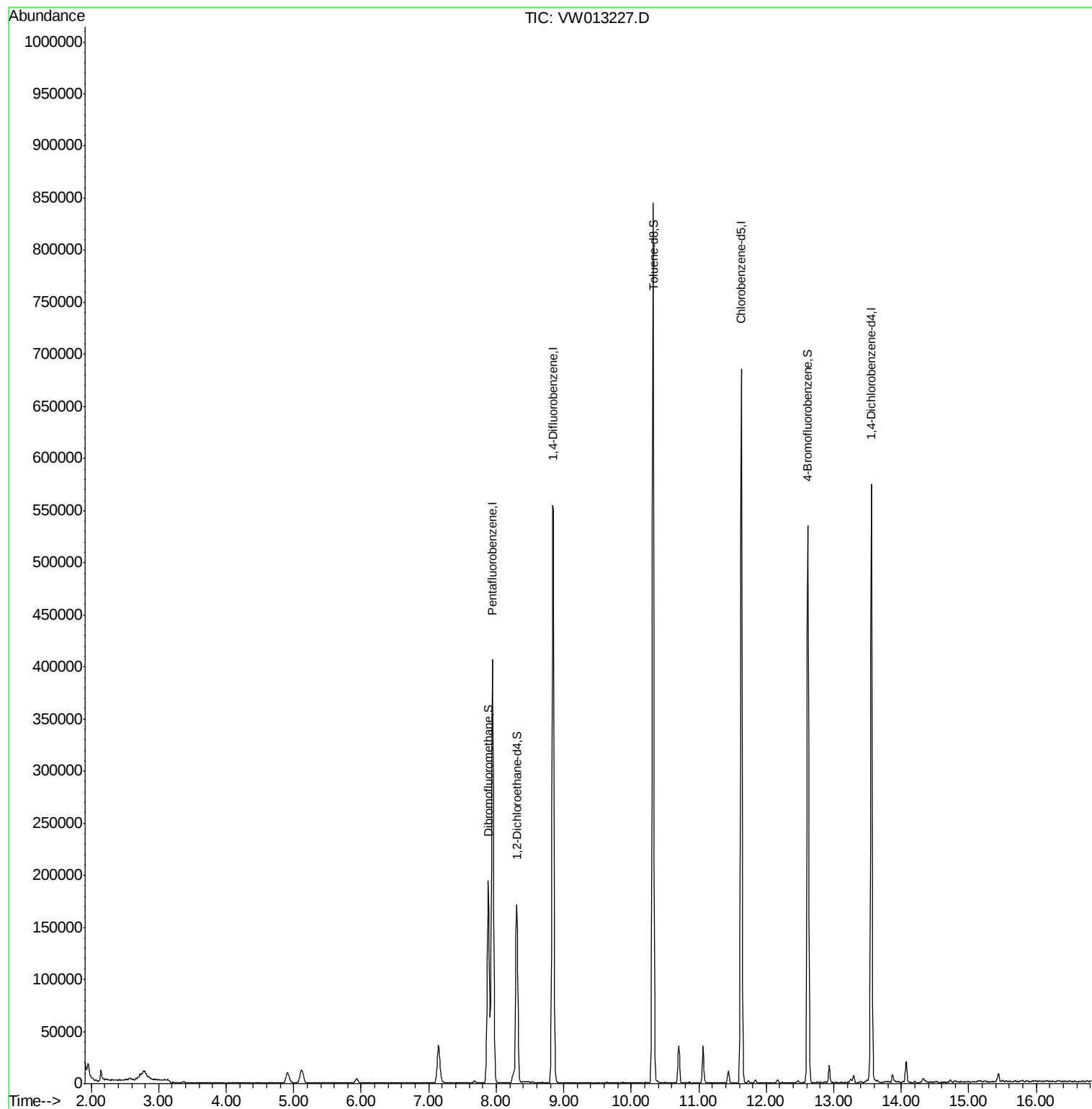
Target Compounds	Qvalue

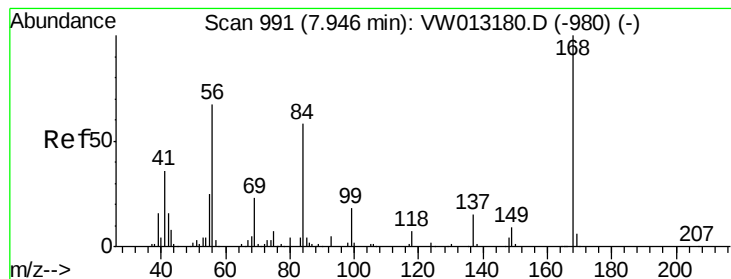
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013227.D

Acq: 23 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

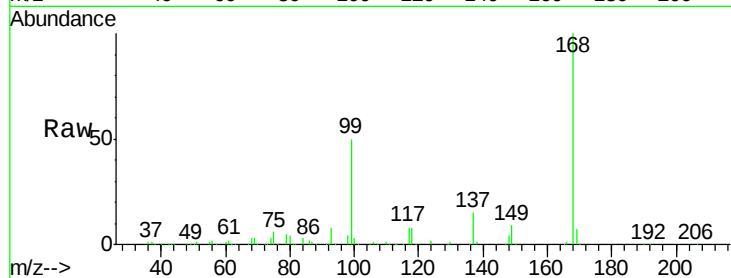
WC-09-091919

Tot Ion:168 Resp: 338762

Ion Ratio Lower Upper

168 100

99 49.6 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

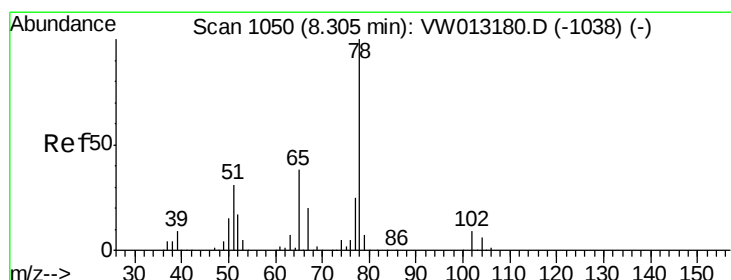
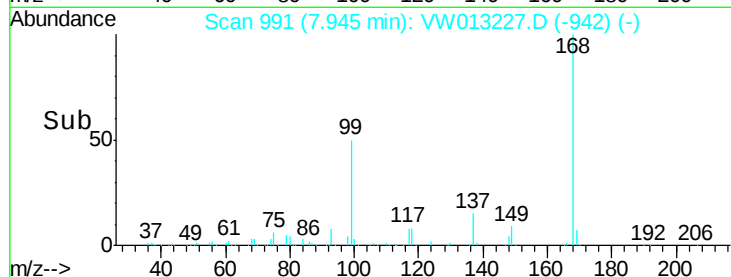
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.824 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013227.D

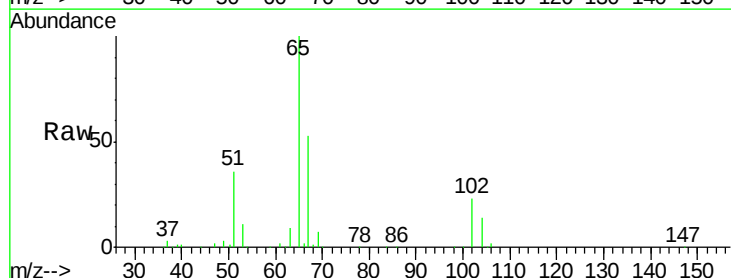
Acq: 23 Sep 2019 13:29

Tgt Ion: 65 Resp: 134989

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

8.31

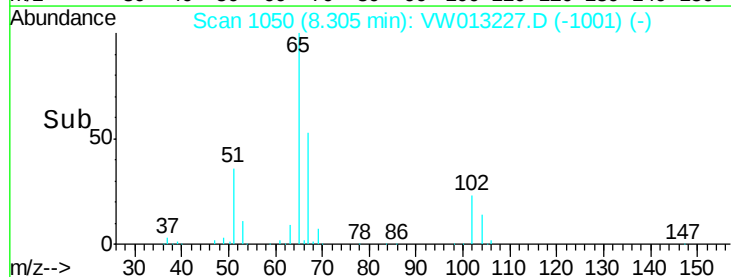
60000

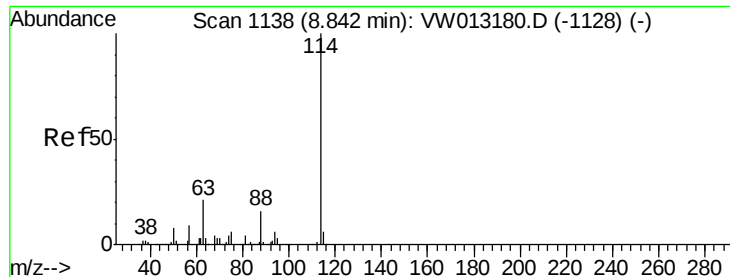
40000

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: VW013227.D

Acq: 23 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

WC-09-091919

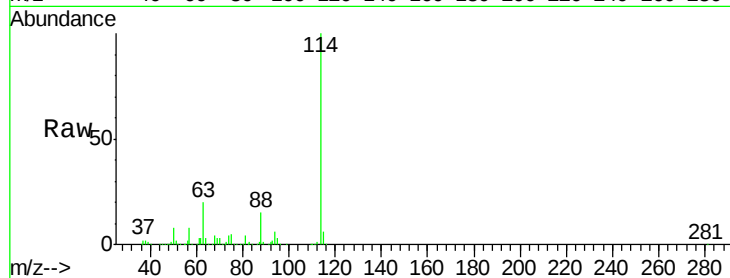
Tot Ion:114 Resp: 499232

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

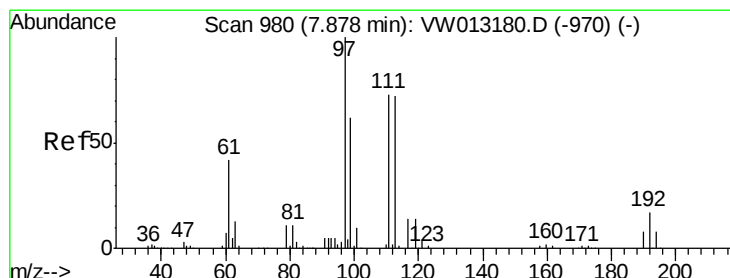
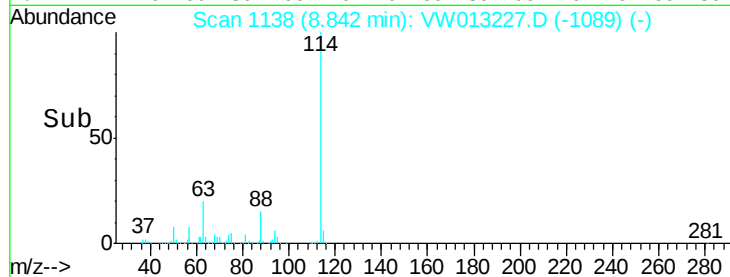
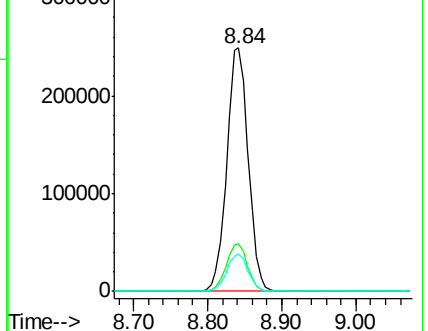
88 15.3 0.0 32.0



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: 51.346 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013227.D

Acq: 23 Sep 2019 13:29

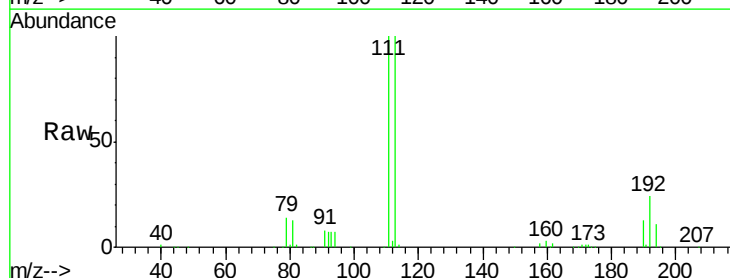
Tgt Ion:113 Resp: 140985

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

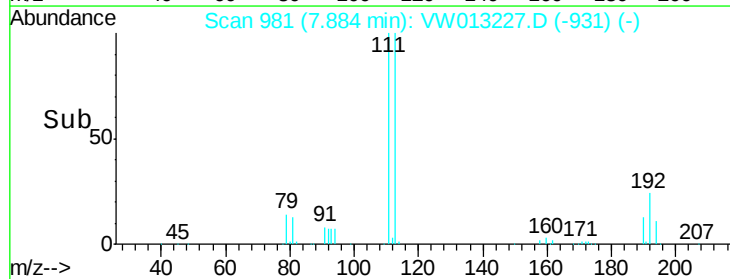
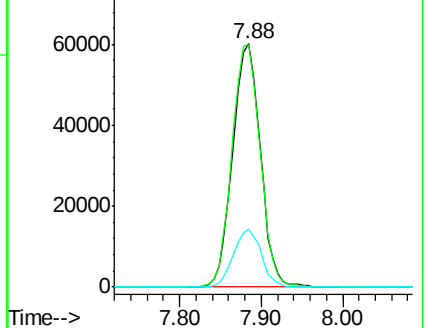
192 23.8 19.1 28.7

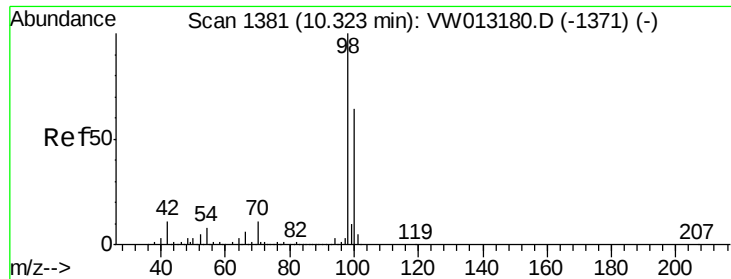


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.888 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013227.D

Acq: 23 Sep 2019 13:29

Instrument :

MSVOA_W

ClientSampleId :

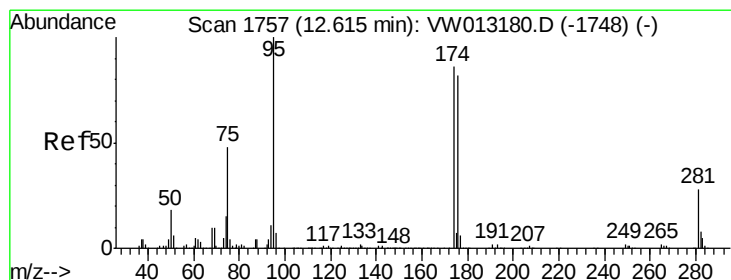
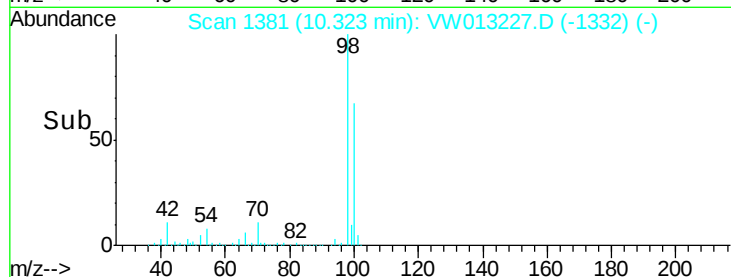
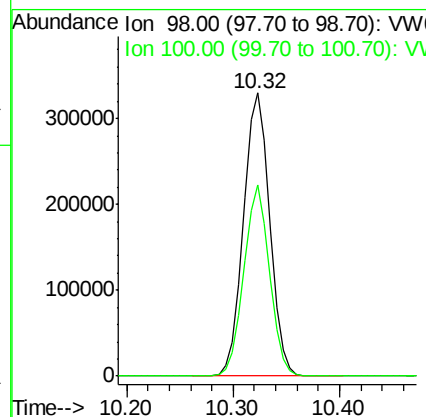
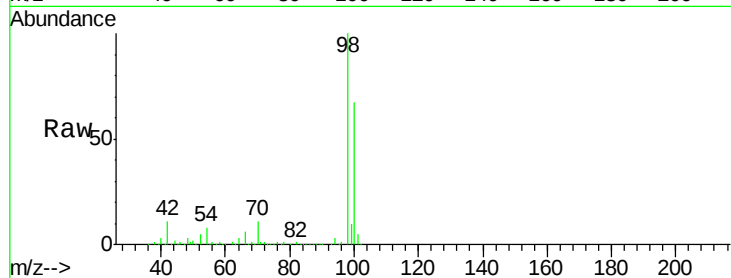
WC-09-091919

Tot Ion: 98 Resp: 573285

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.447 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013227.D

Acq: 23 Sep 2019 13:29

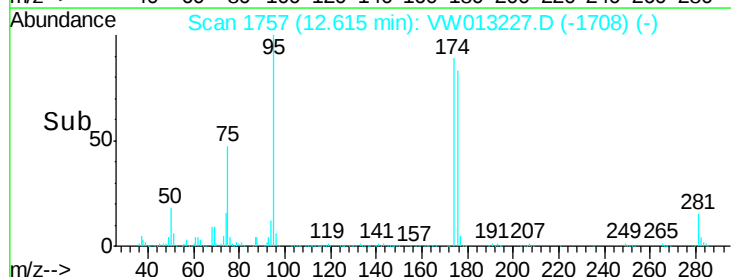
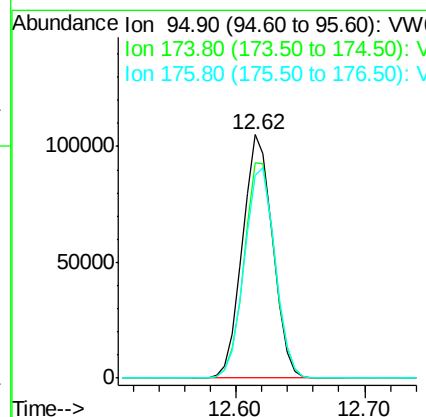
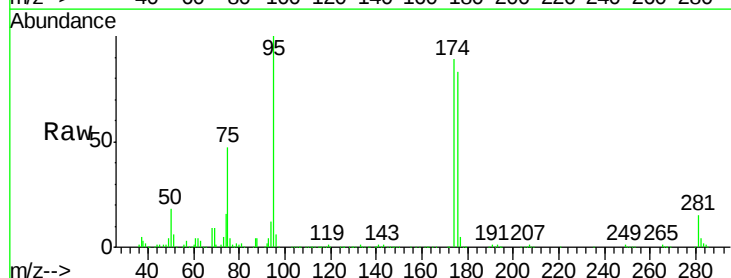
Tgt Ion: 95 Resp: 170547

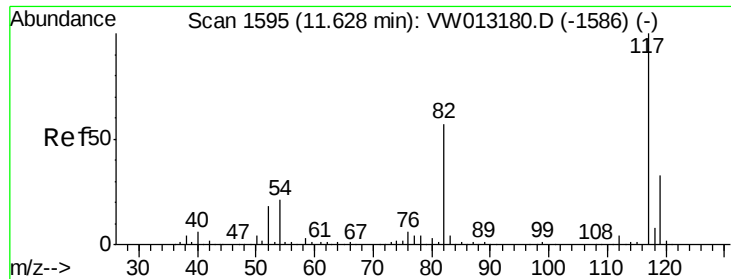
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.4

176 87.6 0.0 172.2

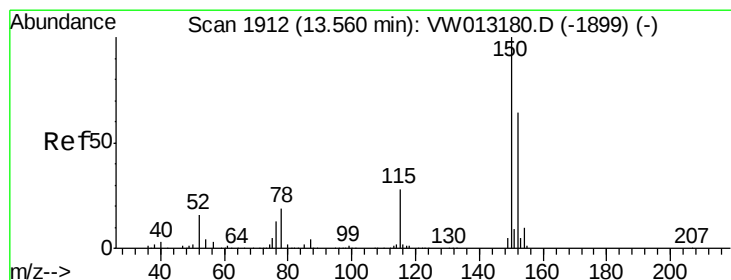
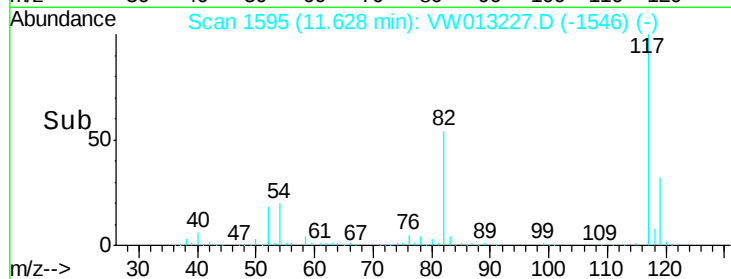
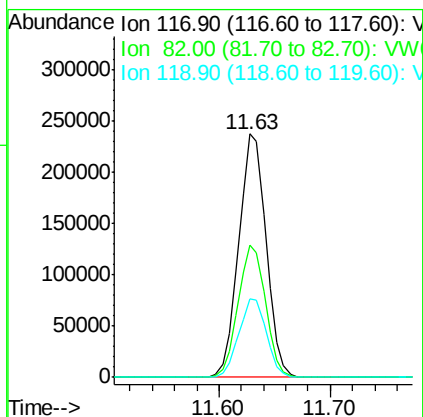
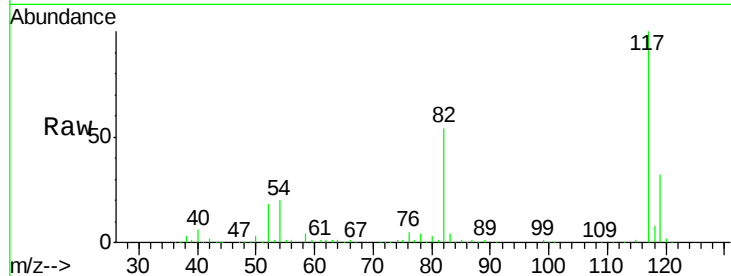




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013227.D
Acq: 23 Sep 2019 13:29

Instrument :
MSVOA_W
ClientSampled :
WC-09-091919

Tot Ion:117 Resp: 403974
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013227.D
Acq: 23 Sep 2019 13:29

Tgt Ion:152 Resp: 163105
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 157.6 0.0 349.0

