

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013228.D
 Acq On : 23 Sep 2019 13:55
 Operator : SY/VA
 Sample : K4997-06
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-10-091919

Quant Time: Sep 24 07:06:32 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	332623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	398476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160363	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133902	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	7.88	113	135825	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.32	98	560754	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	164585	42.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.36%	

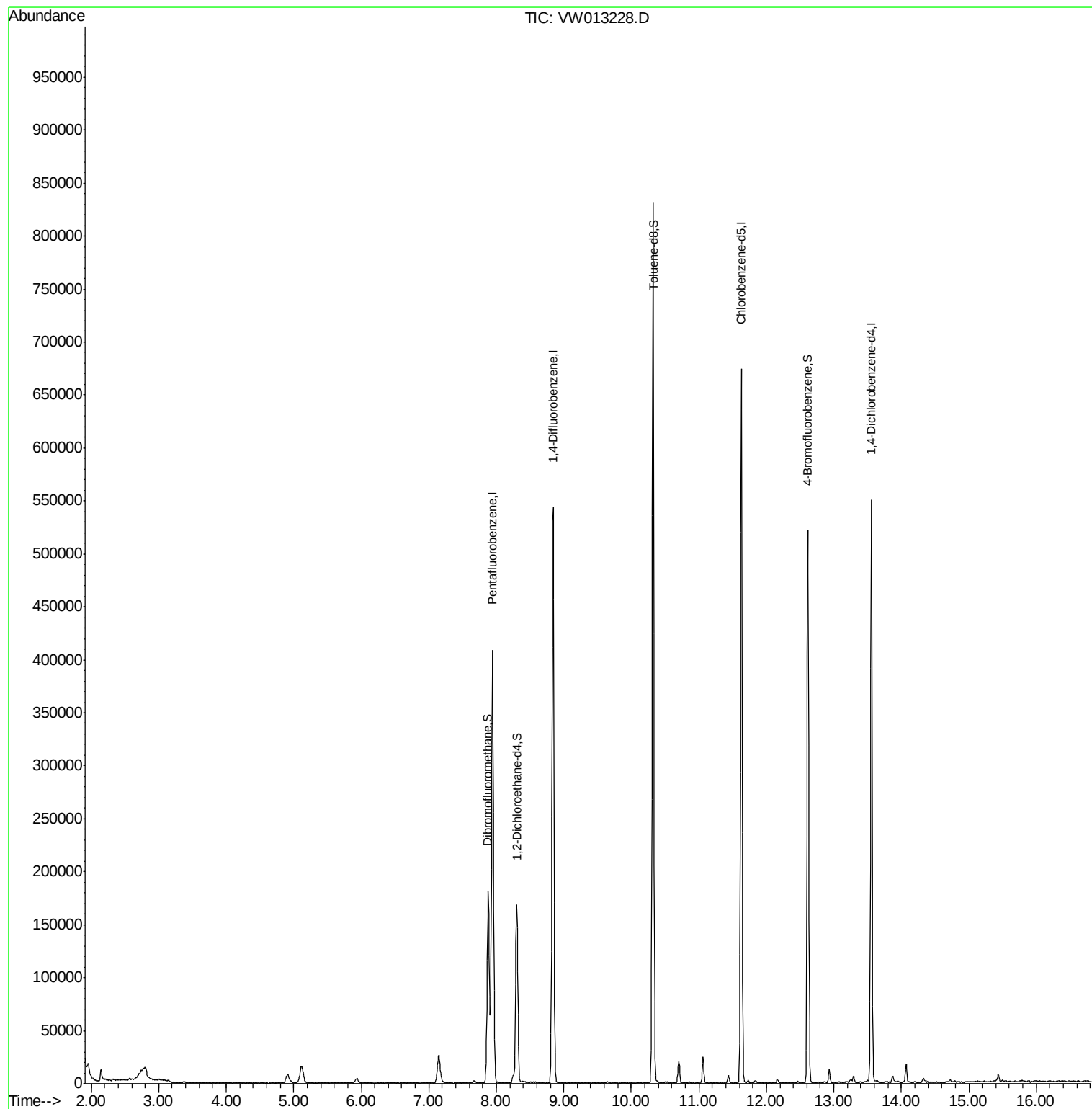
Target Compounds	Qvalue
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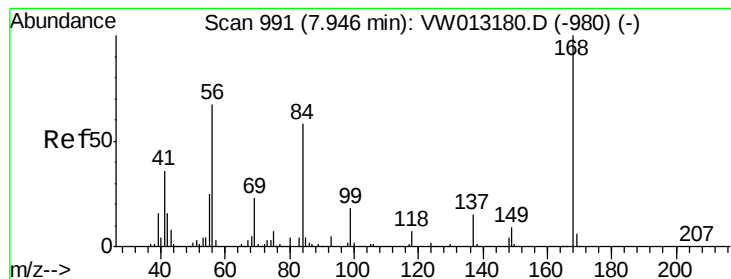
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

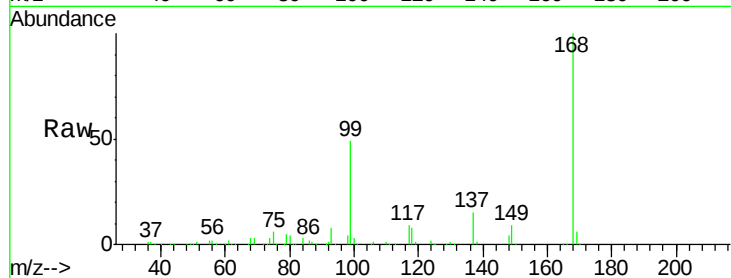
WC-10-091919

Tot Ion:168 Resp: 332623

Ion Ratio Lower Upper

168 100

99 49.5 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

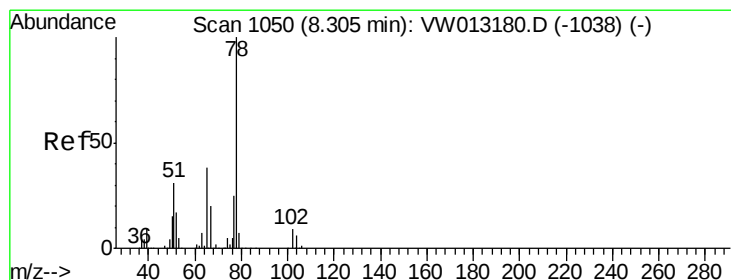
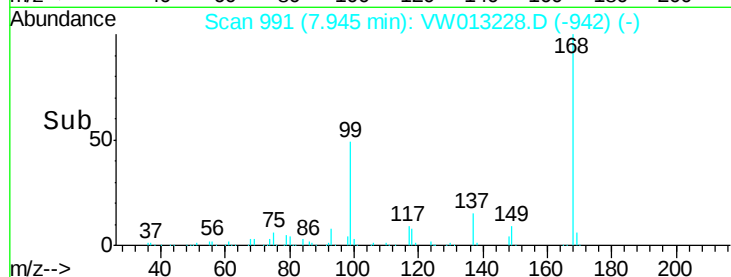
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.325 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013228.D

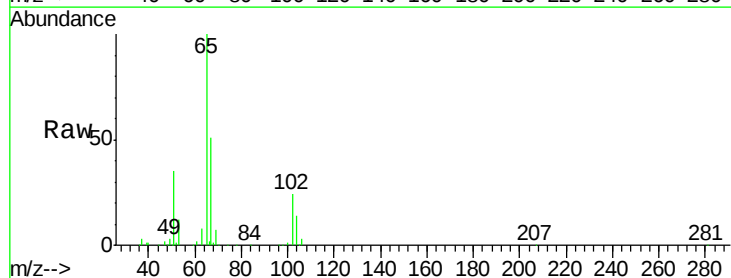
Acq: 23 Sep 2019 13:55

Tgt Ion: 65 Resp: 133902

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

8.31

60000

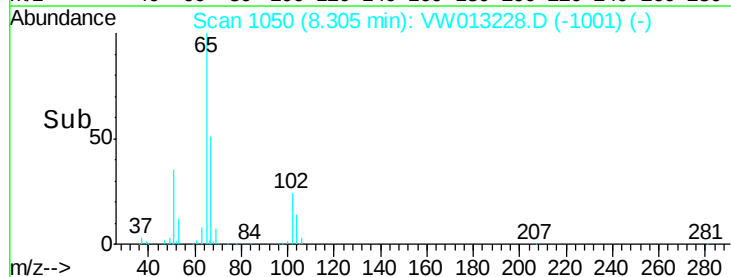
40000

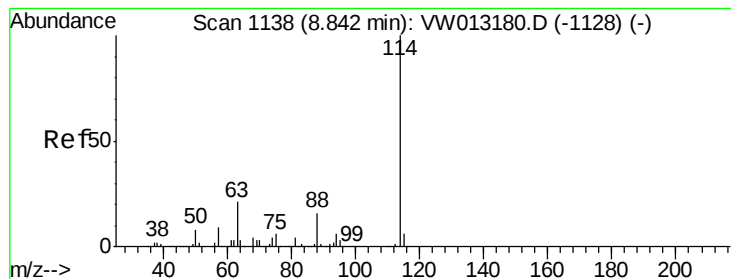
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

WC-10-091919

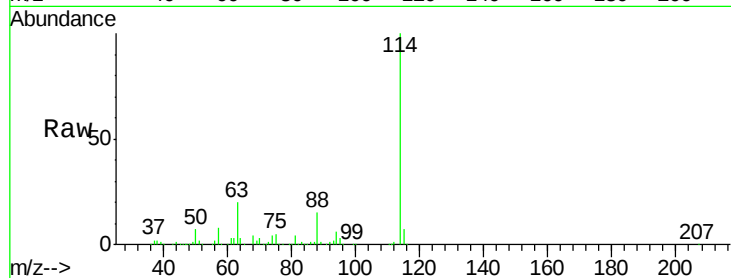
Tot Ion:114 Resp: 490410

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

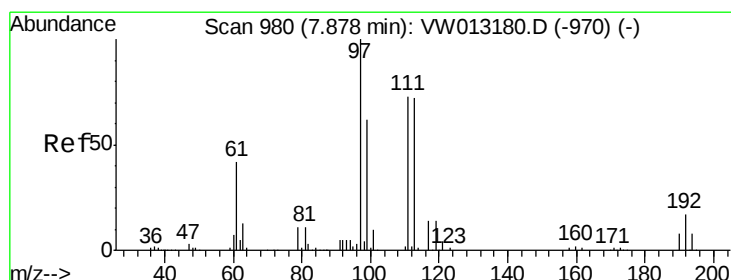
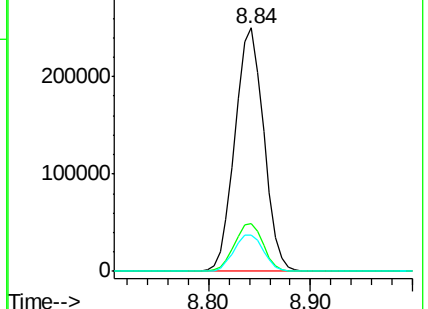
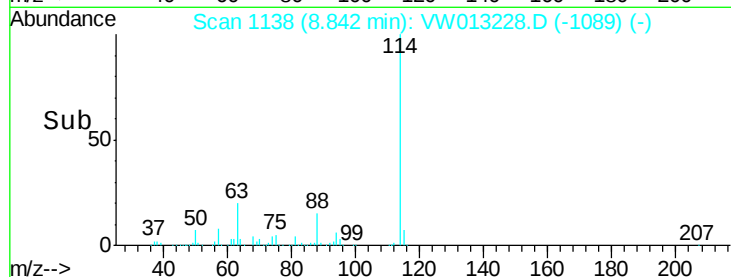
88 14.7 0.0 32.0



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: 50.357 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

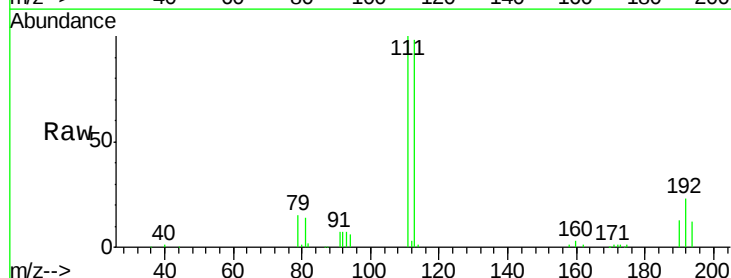
Tgt Ion:113 Resp: 135825

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

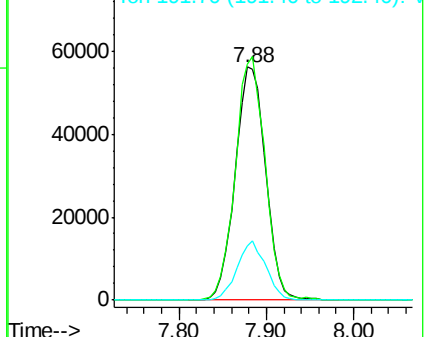
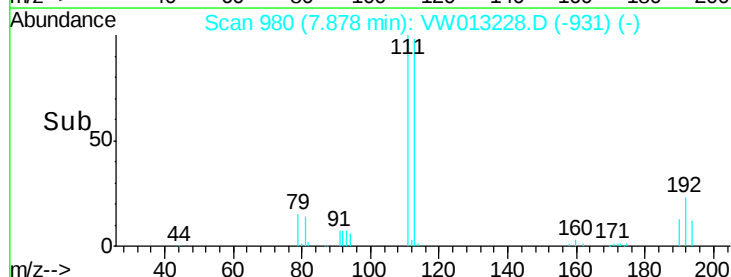
192 23.8 19.1 28.7

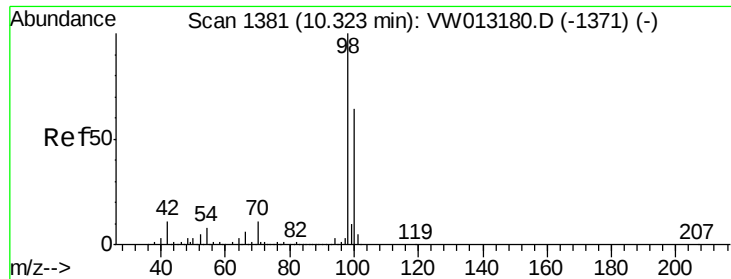


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.675 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

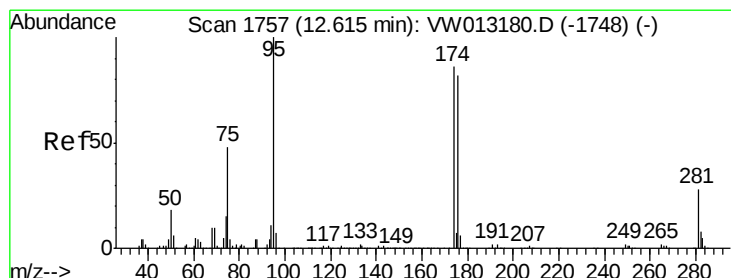
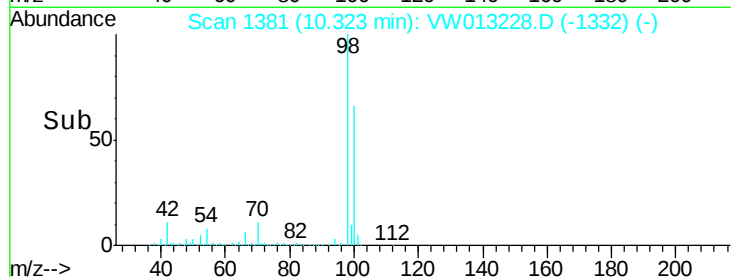
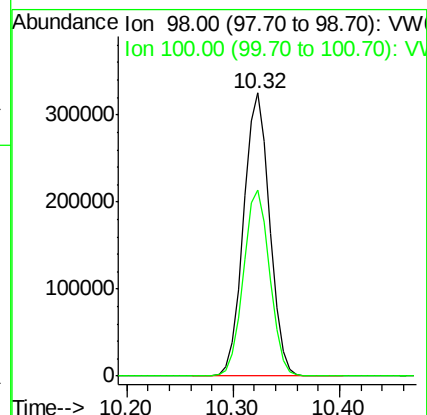
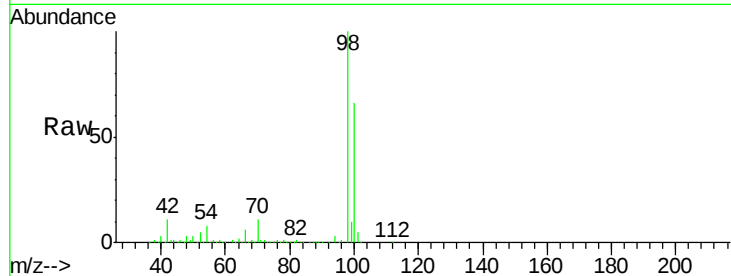
WC-10-091919

Tot Ion: 98 Resp: 560754

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 42.683 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

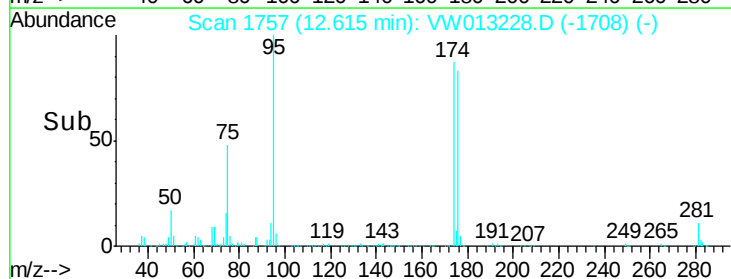
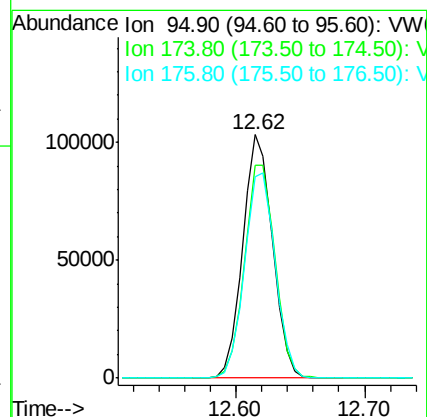
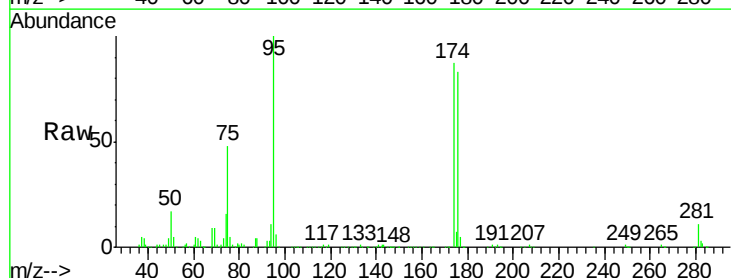
Tgt Ion: 95 Resp: 164585

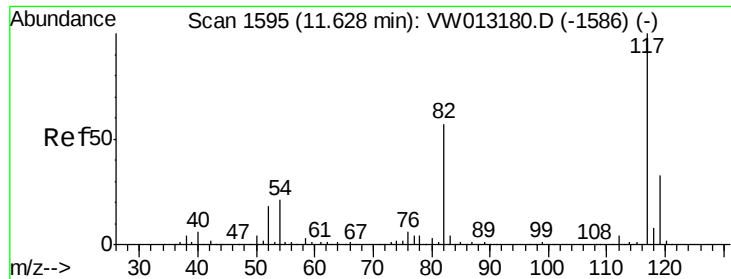
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.4

176 86.8 0.0 172.2

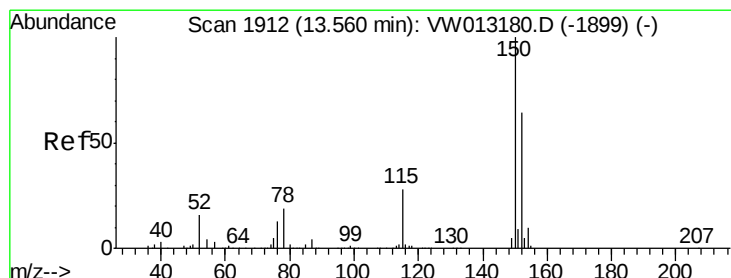
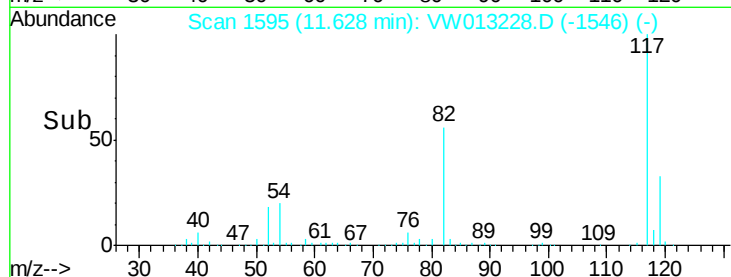
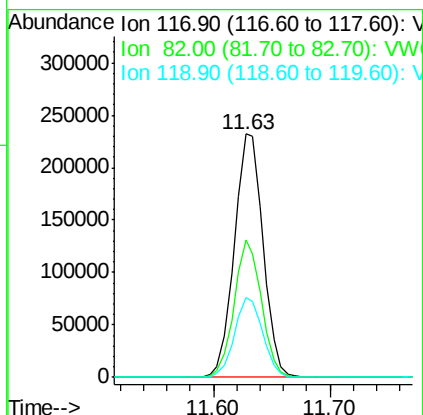
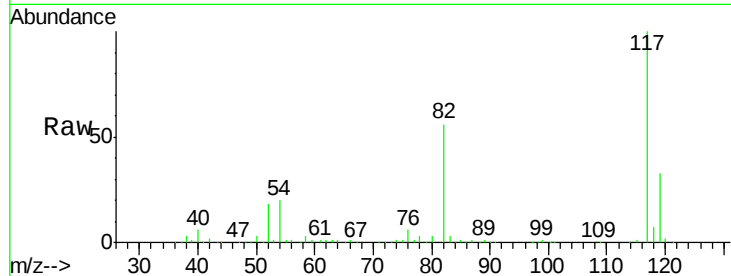




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013228.D
Acq: 23 Sep 2019 13:55

Instrument :
MSVOA_W
ClientSampleId :
WC-10-091919

Tot Ion:117 Resp: 398476
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 33.0 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: VW013228.D
Acq: 23 Sep 2019 13:55

Tgt Ion:152 Resp: 160363
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 154.3 0.0 349.0

