

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW052919\
 Data File : VW010589.D
 Acq On : 29 May 2019 14:24
 Operator : SY/VA
 Sample : K3072-08
 Misc : 5.95G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8

Quant Time: Jun 08 07:30:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

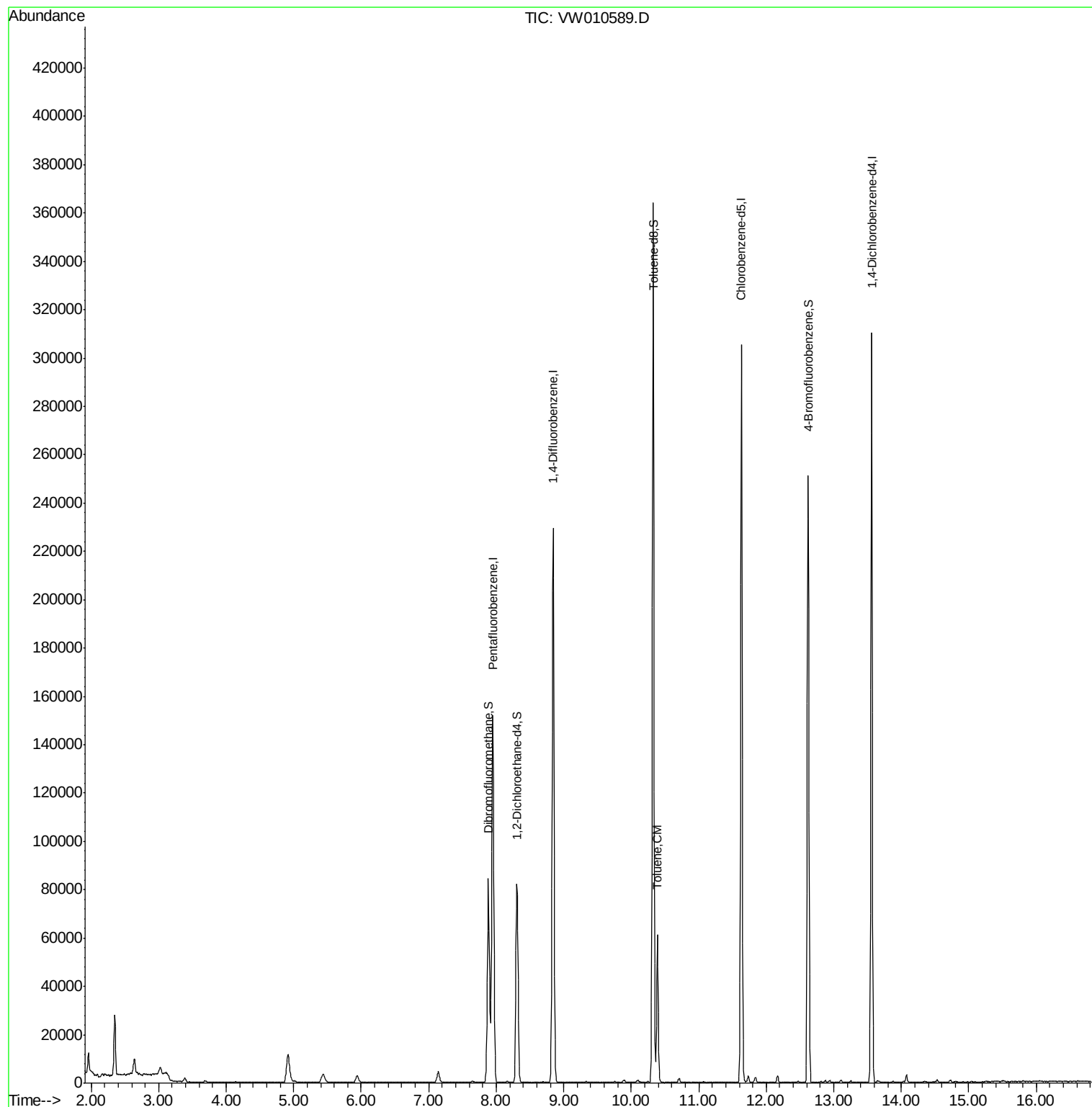
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	206607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	182709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	64226	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	60938	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	10.32	98	250334	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	92300	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
52) Toluene	10.39	92	27376	7.620	ug/l	Qvalue 98

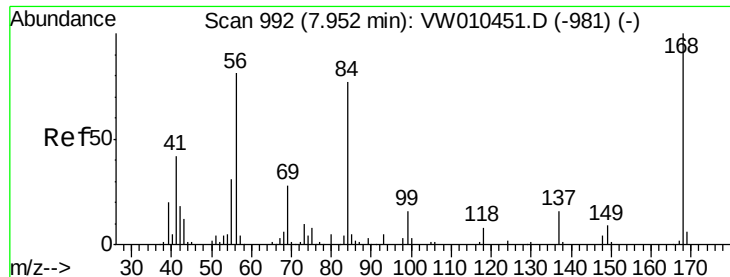
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

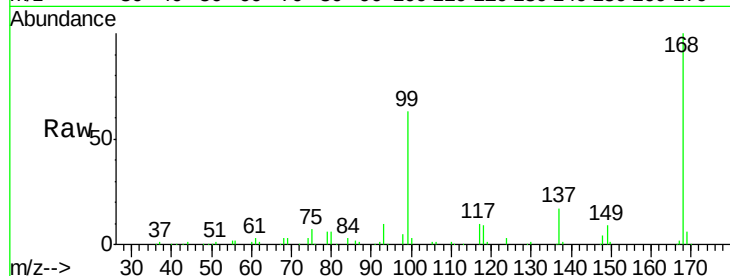
TP-8

Tot Ion:168 Resp: 114800

Ion Ratio Lower Upper

168 100

99 63.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

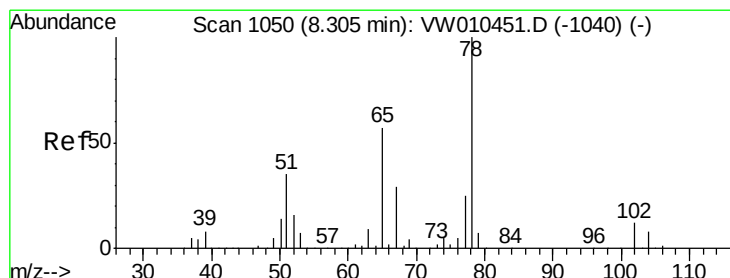
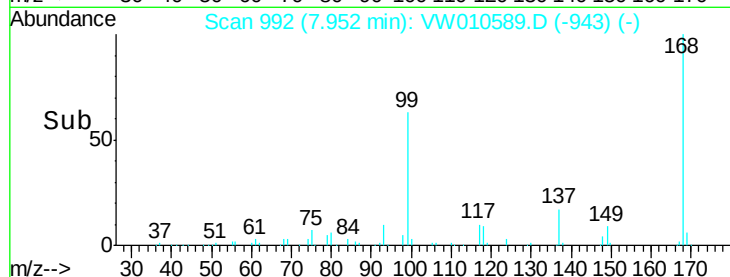
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.202 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010589.D

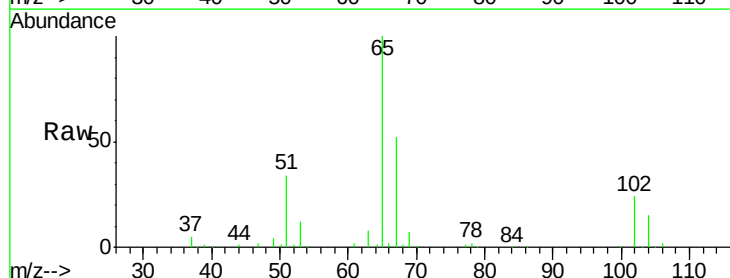
Acq: 29 May 2019 14:24

Tgt Ion: 65 Resp: 64226

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

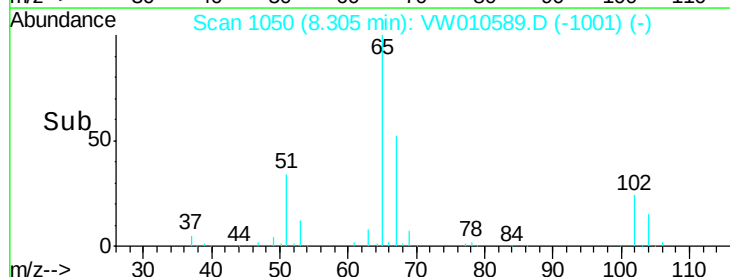
20000

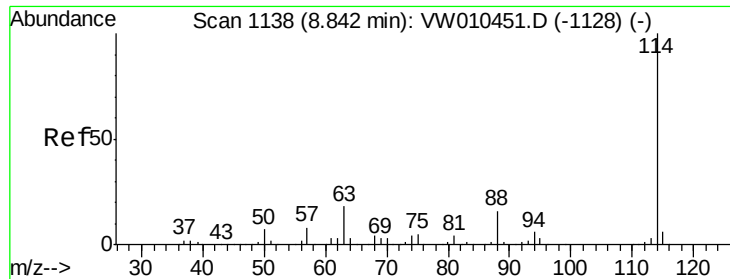
10000

0

Time-->

8.20 8.30 8.40

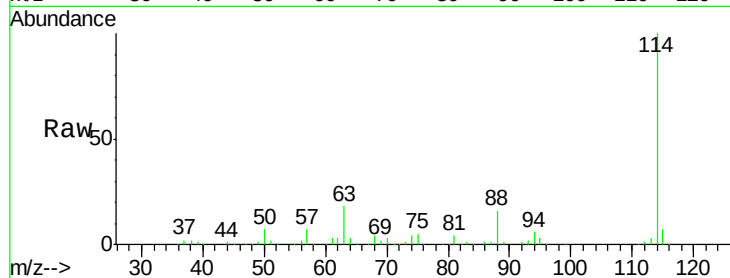




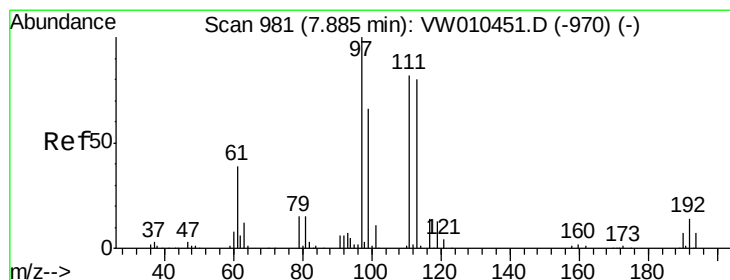
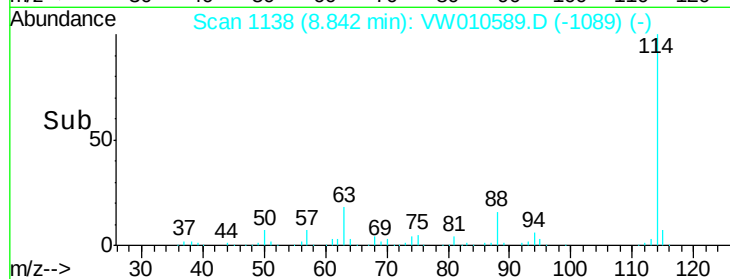
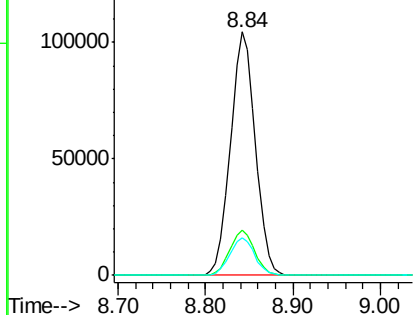
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Instrument :
MSVOA_W
ClientSampled :
TP-8

Tot Ion:114 Resp: 206607
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.0
88 15.6 0.0 32.0

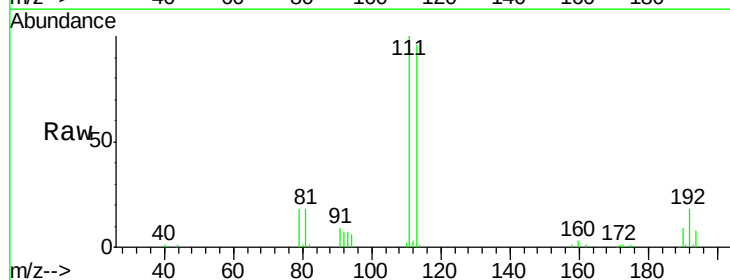


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

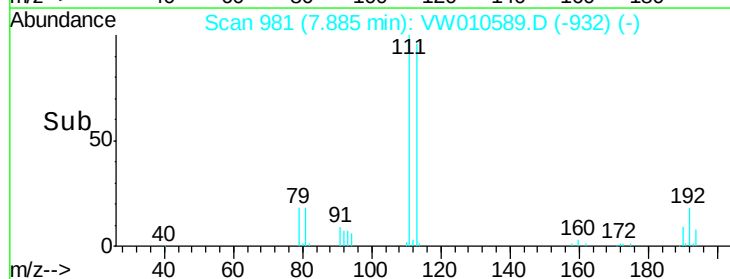
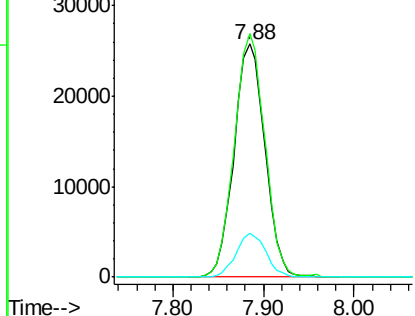


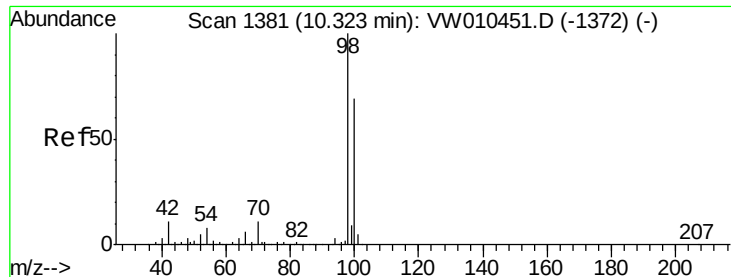
#35
Dibromofluoromethane
Concen: 48.608 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Tgt Ion:113 Resp: 60938
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.1 14.3 21.5



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: 52.270 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

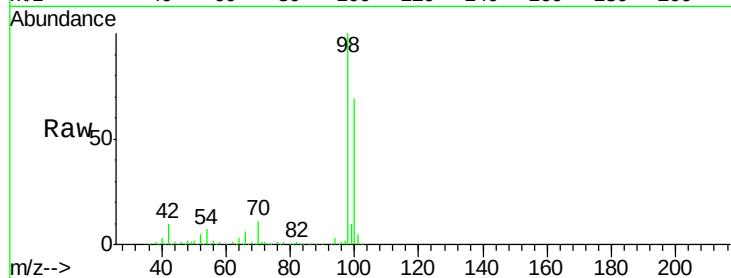
TP-8

Tot Ion: 98 Resp: 250334

Ion Ratio Lower Upper

98 100

100 67.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

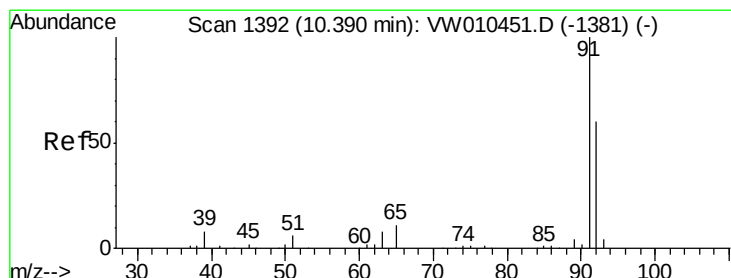
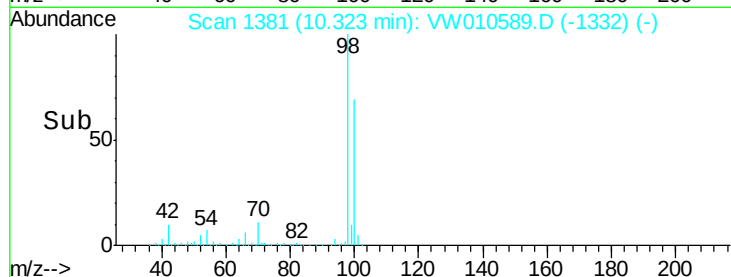
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#52

Toluene

Concen: 7.620 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010589.D

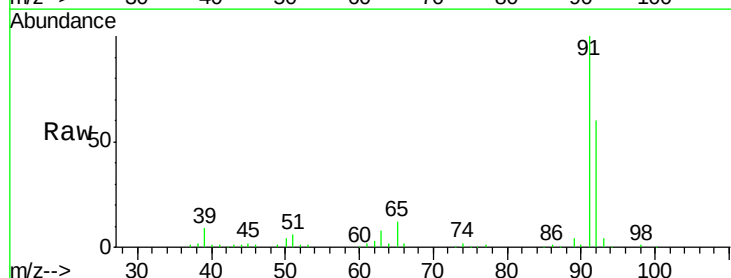
Acq: 29 May 2019 14:24

Tgt Ion: 92 Resp: 27376

Ion Ratio Lower Upper

92 100

91 166.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

30000

25000

20000

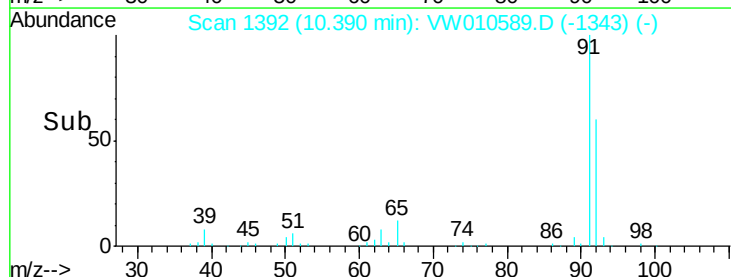
15000

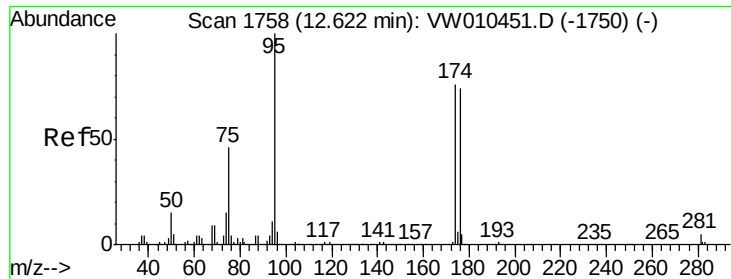
10000

5000

0

Time--> 10.30 10.40





#62

4-Bromofluorobenzene

Concen: 48.385 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

TP-8

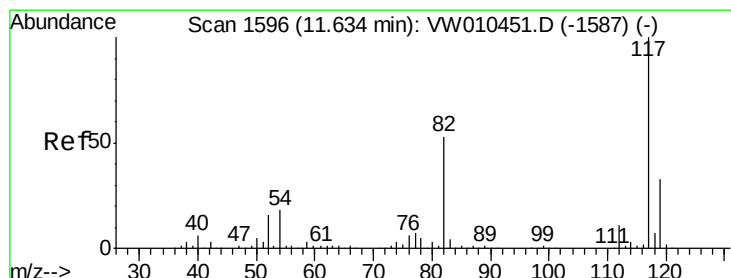
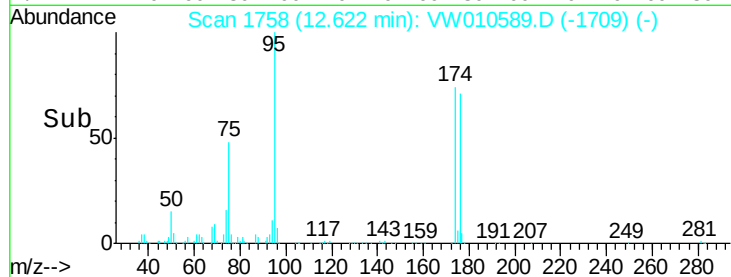
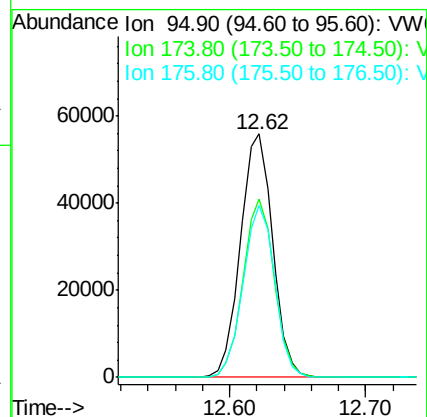
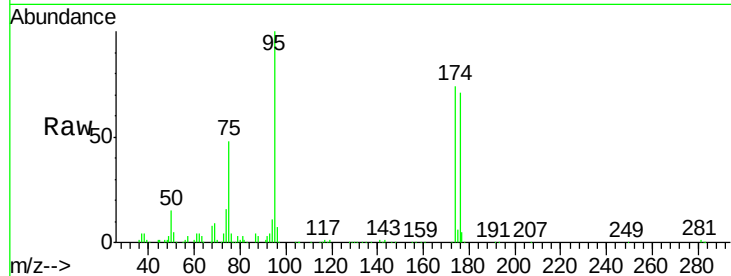
Tot Ion: 95 Resp: 92300

Ion Ratio Lower Upper

95 100

174 71.4 0.0 148.6

176 69.4 0.0 144.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

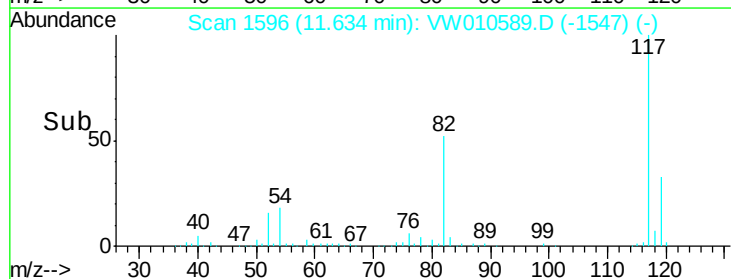
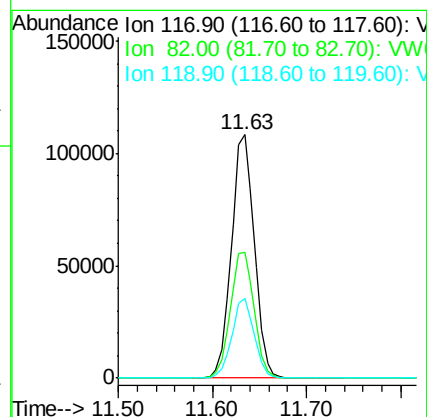
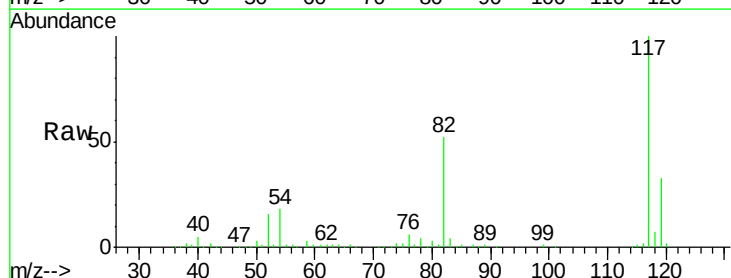
Tgt Ion: 117 Resp: 182709

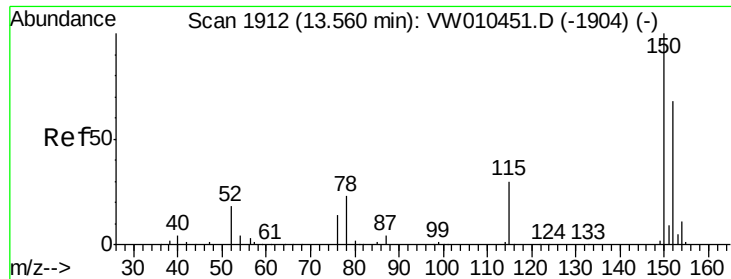
Ion Ratio Lower Upper

117 100

82 51.9 42.8 64.2

119 32.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

TP-8

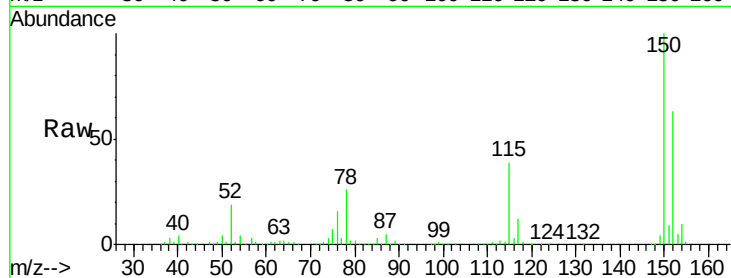
Tot Ion:152 Resp: 80447

Ion Ratio Lower Upper

152 100

115 62.0 30.3 91.0

150 157.8 0.0 349.8



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

