

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001184.D
 Acq On : 13 Jan 2020 16:53
 Operator : SY/MD
 Sample : L1107-02
 Misc : 5.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-209-3.0

Quant Time: Jan 14 11:21:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	267945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105997	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	83418	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
35) Dibromofluoromethane	7.72	113	80818	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.18	98	318334	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.48	95	115997	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

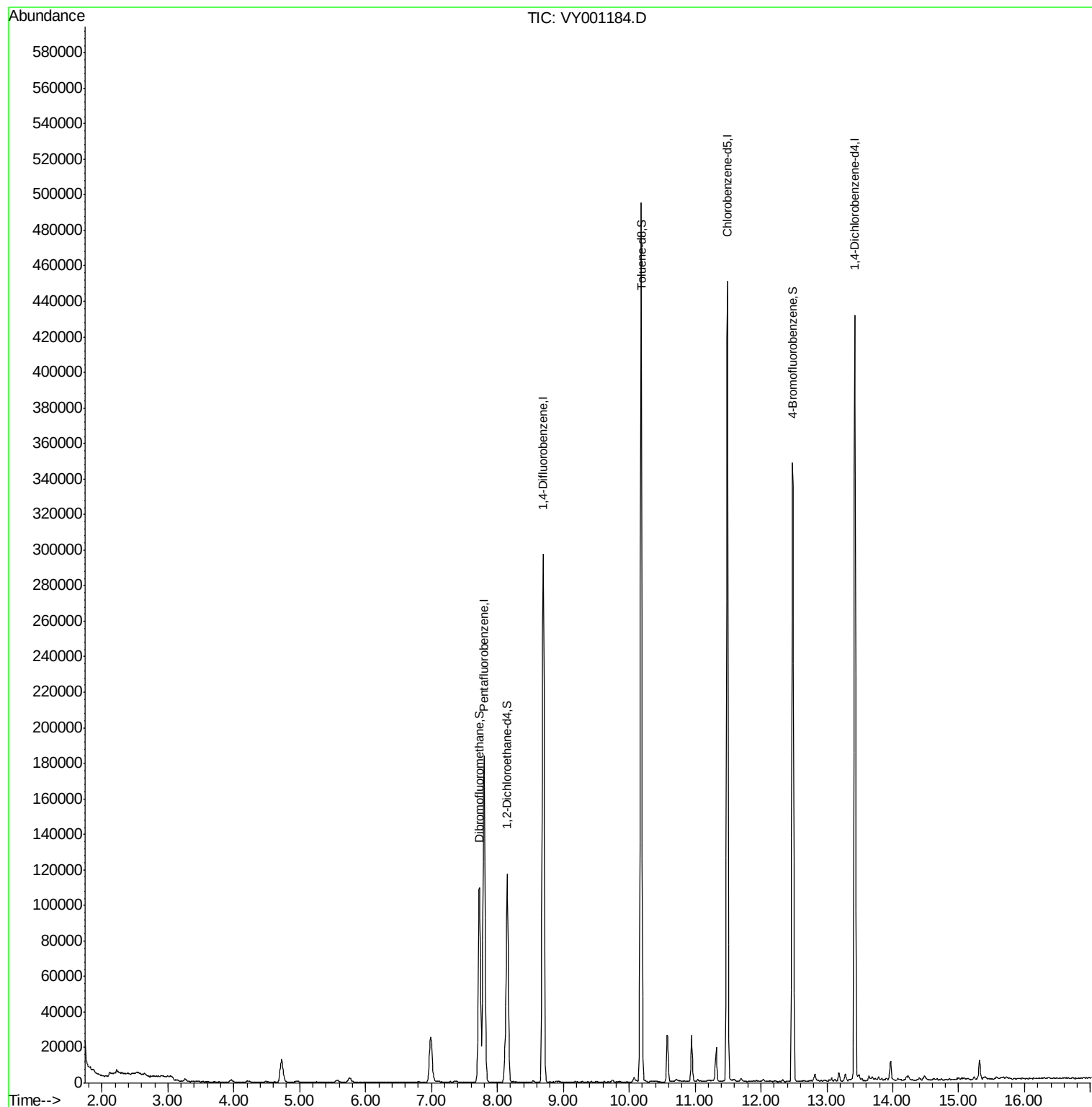
Target Compounds	Qvalue

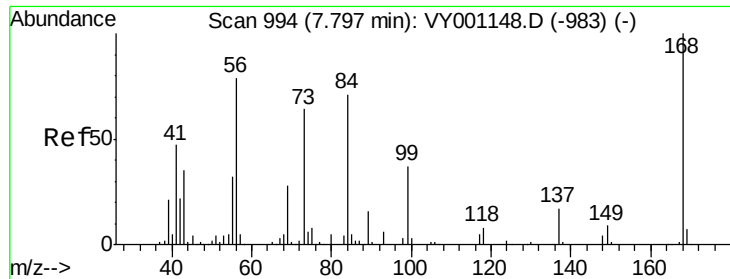
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampleId :

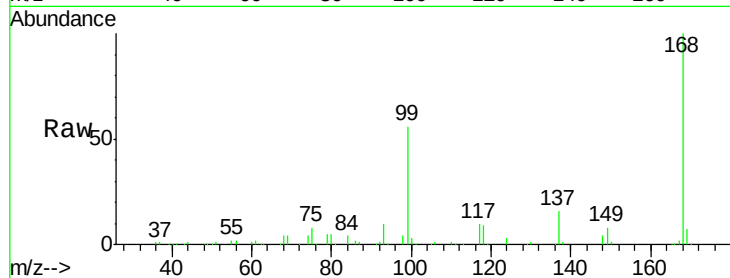
BW-209-3.0

Tot Ion:168 Resp: 145394

Ion Ratio Lower Upper

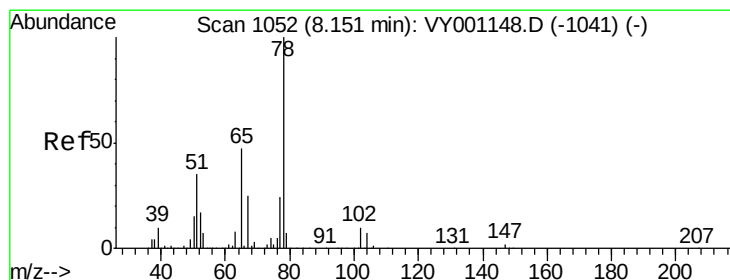
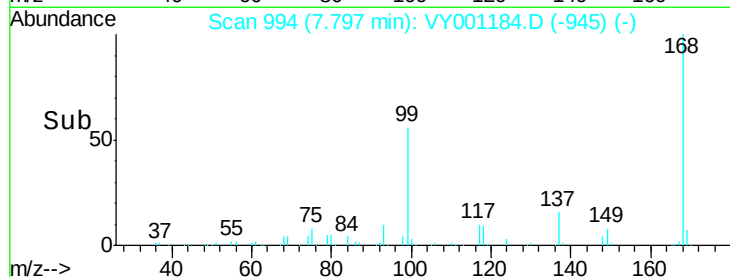
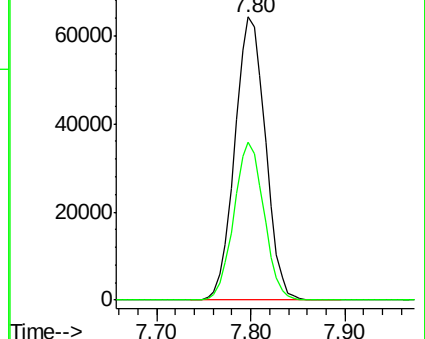
168 100

99 55.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001184.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001184.D (-983) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.322 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001184.D

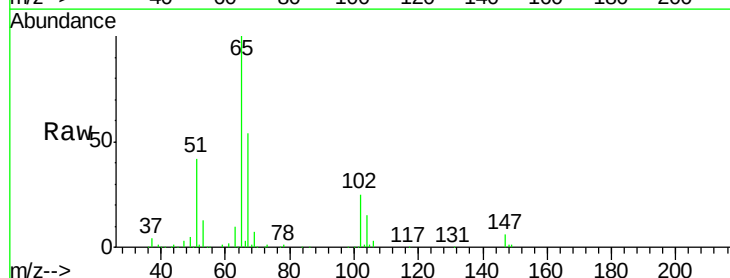
Acq: 13 Jan 2020 16:53

Tgt Ion: 65 Resp: 83418

Ion Ratio Lower Upper

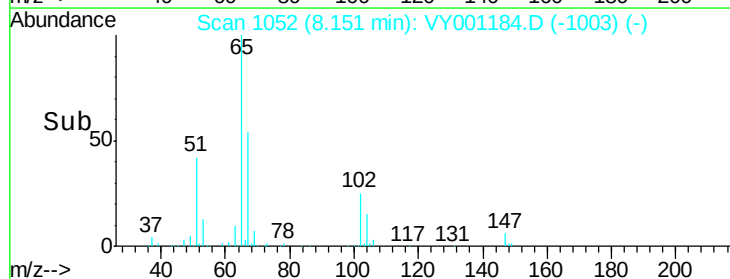
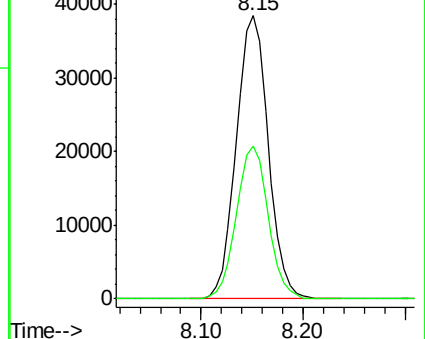
65 100

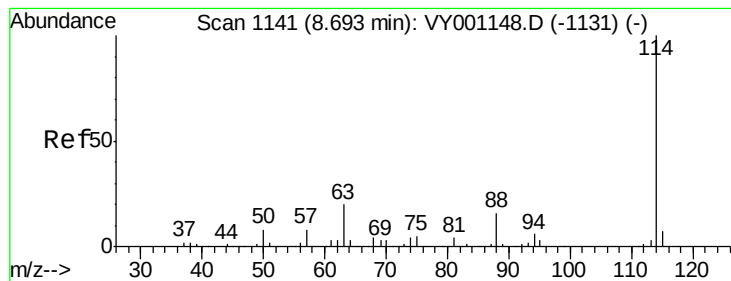
67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001184.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001184.D (-1041) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampleId :

BW-209-3.0

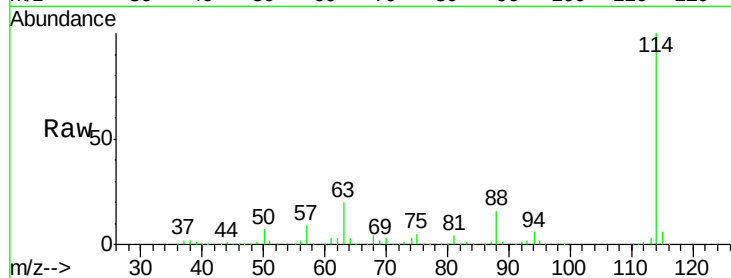
Tot Ion:114 Resp: 267945

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

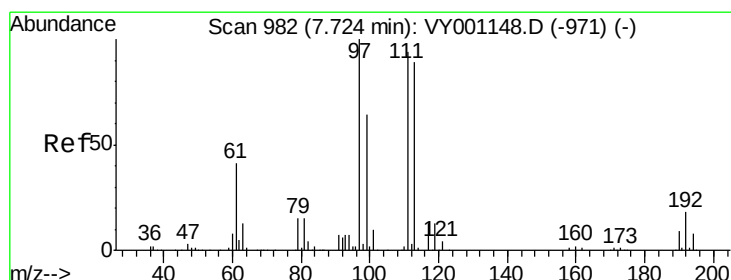
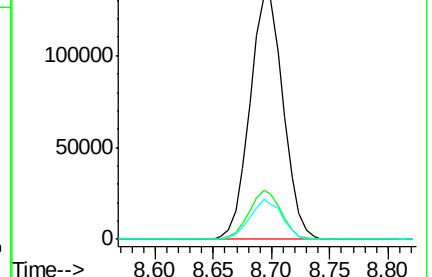
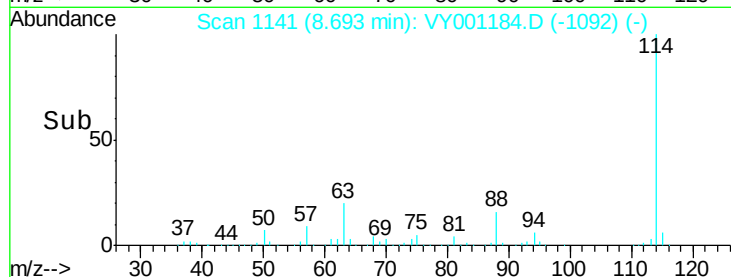
88 16.2 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.515 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

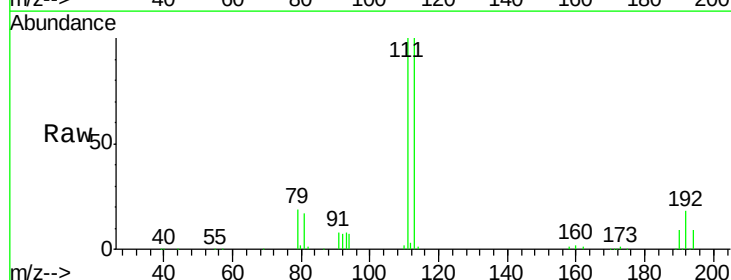
Tgt Ion:113 Resp: 80818

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

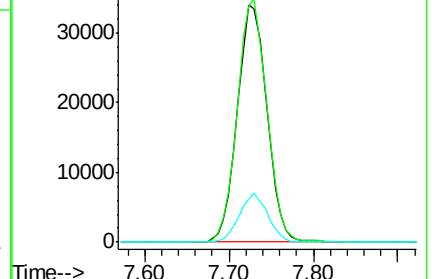
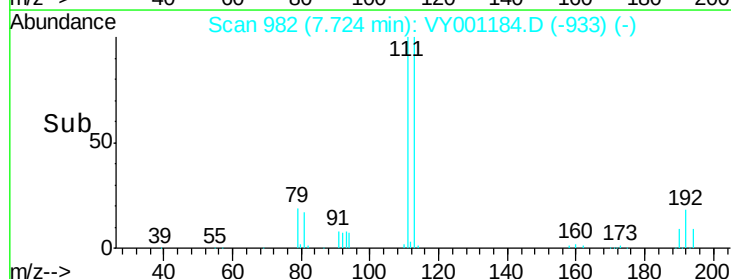
192 19.6 15.4 23.2

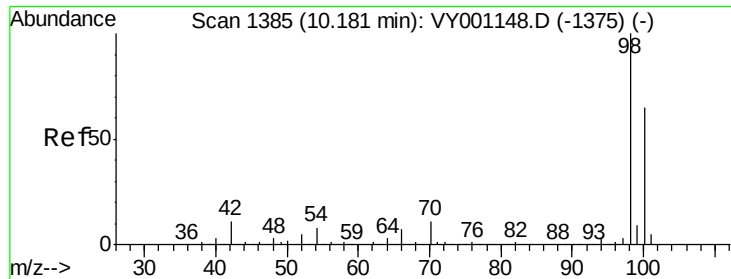


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.662 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampled :

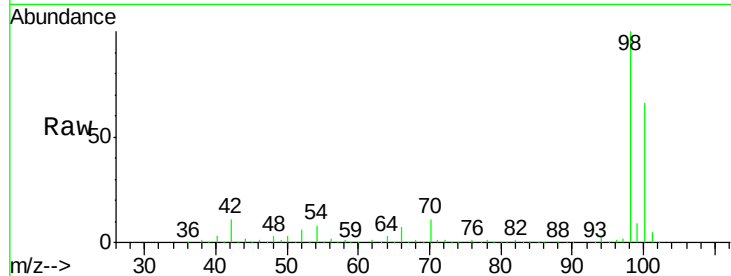
BW-209-3.0

Tot Ion: 98 Resp: 318334

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001184.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001184.D (-1375) (-)

200000

150000

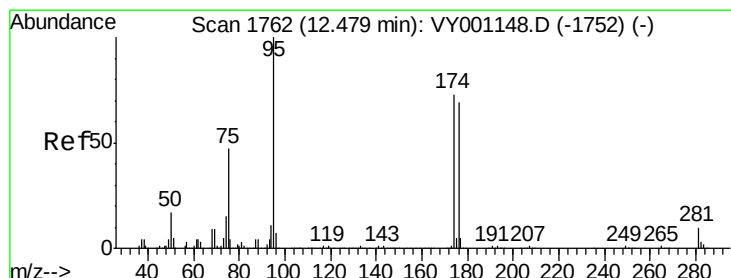
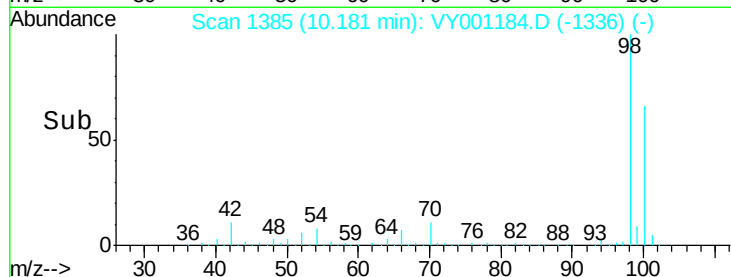
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 46.937 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

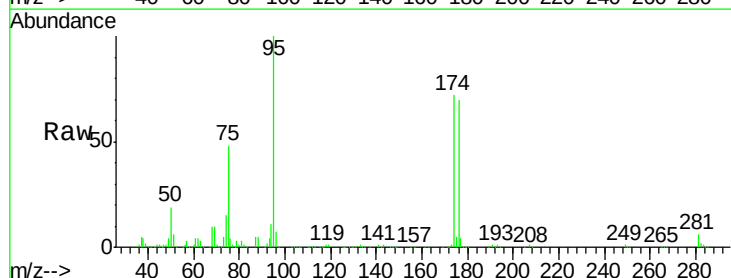
Tgt Ion: 95 Resp: 115997

Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 71.6 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001184.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001184.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001184.D (-1752) (-)

100000

80000

60000

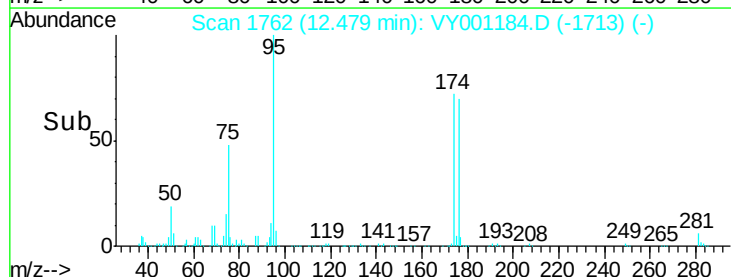
40000

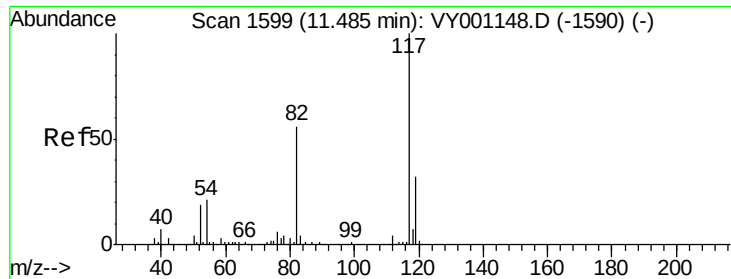
20000

0

12.40 12.50

Time-->

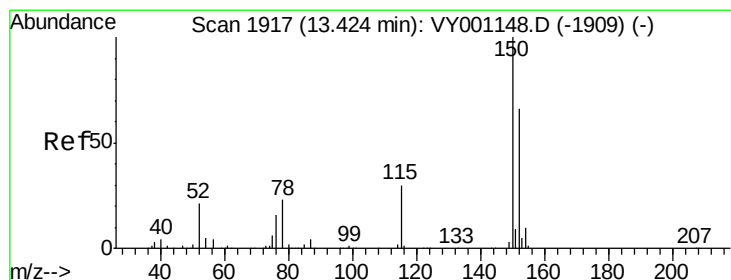
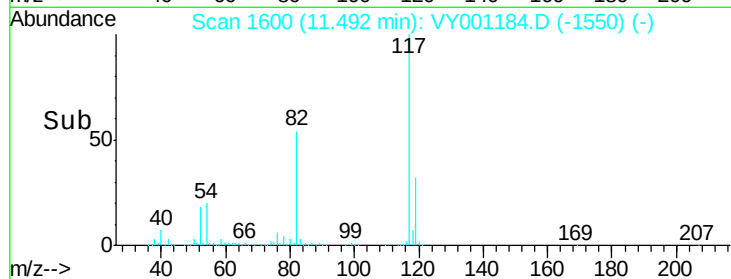
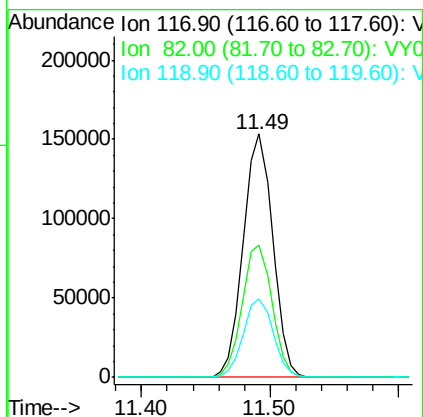
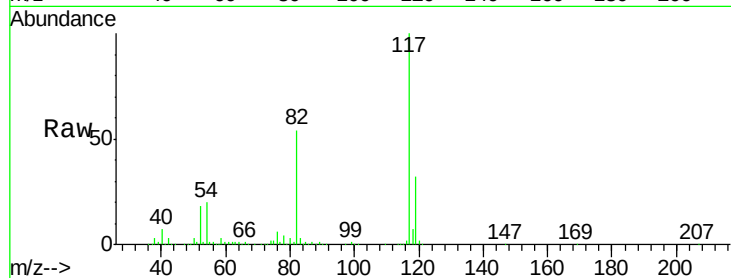




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Instrument :
MSVOA_Y
ClientSampleId :
BW-209-3.0

Tot Ion:117 Resp: 242824
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Tgt Ion:152 Resp: 105997
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.5
150 158.1 0.0 346.8

