

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001222.D
 Acq On : 15 Jan 2020 16:46
 Operator : SY/MD
 Sample : L1126-03
 Misc : 3.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1-3.0

Quant Time: Jan 16 05:52:11 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	168306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	304181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	131885	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	99070	55.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.46%	
35) Dibromofluoromethane	7.73	113	90387	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.18	98	353851	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.48	95	132881	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

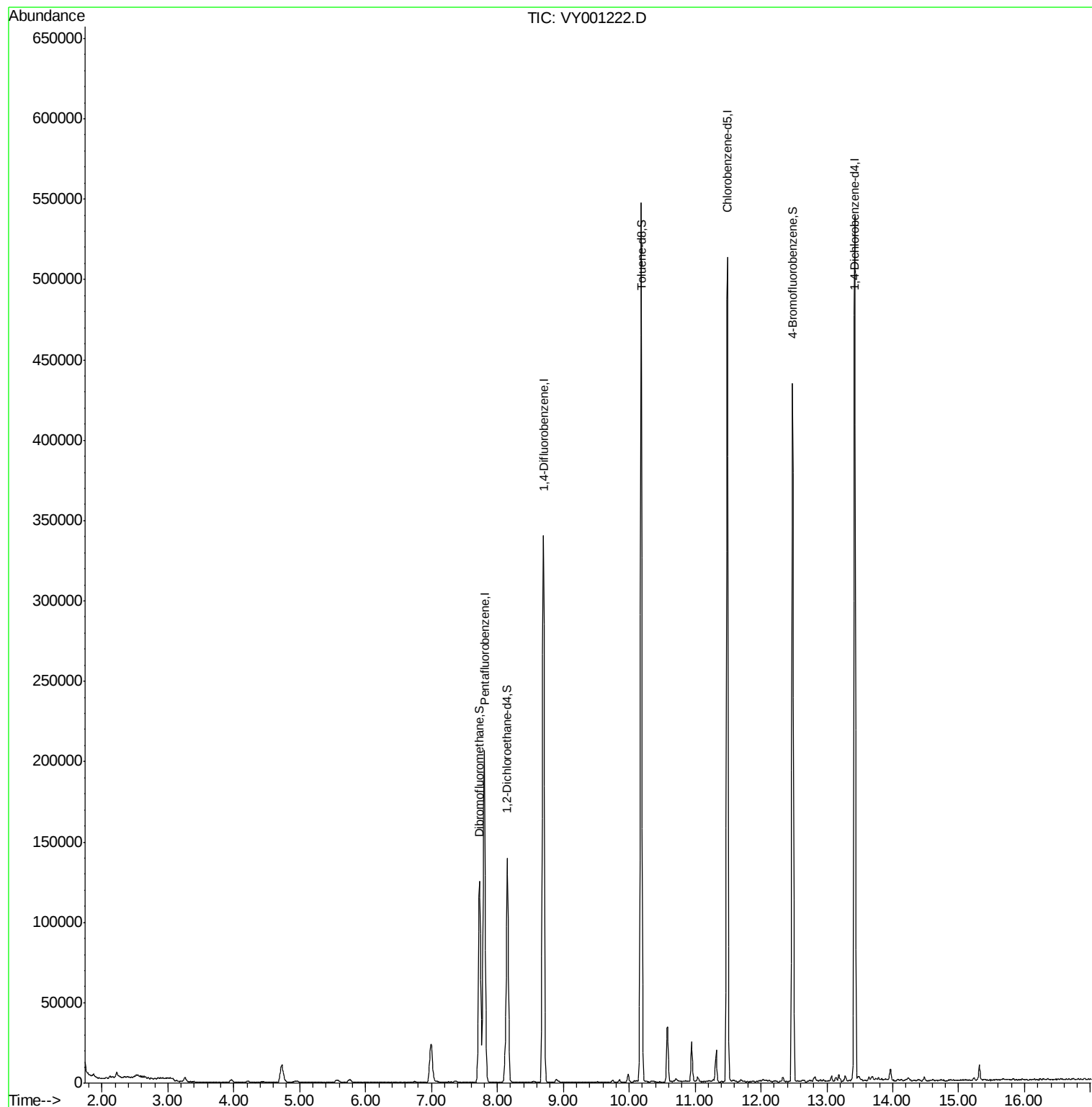
Target Compounds	Qvalue

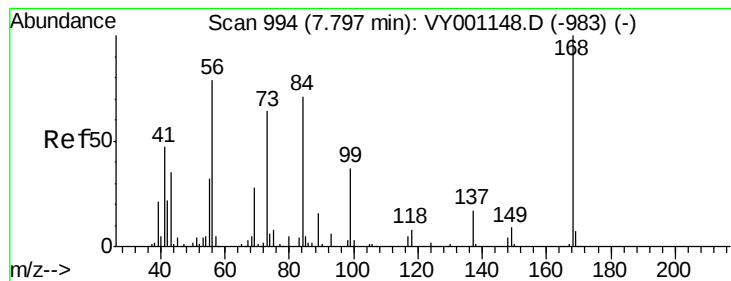
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001222.D

Acq: 15 Jan 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

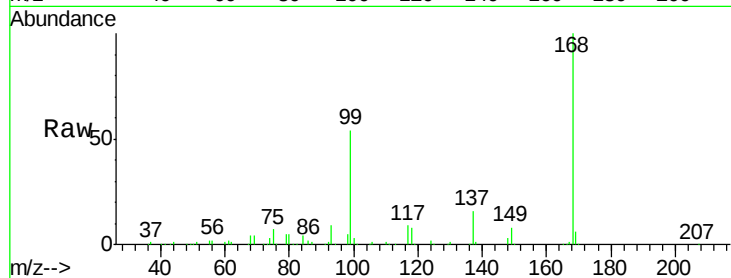
BW-1-3.0

Tot Ion:168 Resp: 168306

Ion Ratio Lower Upper

168 100

99 53.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

40000

20000

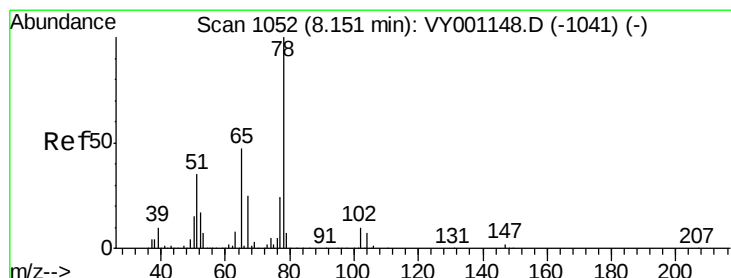
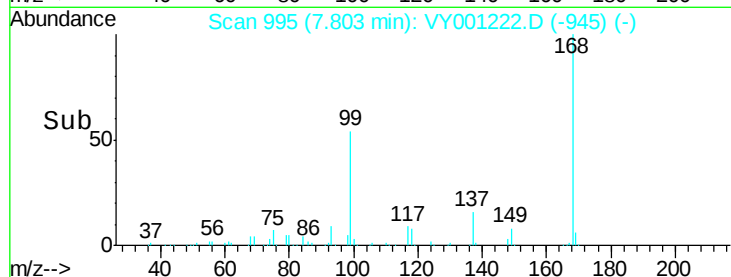
0

7.70

7.80

7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.732 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001222.D

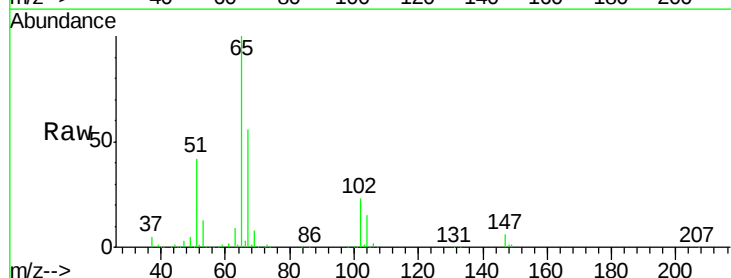
Acq: 15 Jan 2020 16:46

Tgt Ion: 65 Resp: 99070

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.15

50000

40000

30000

20000

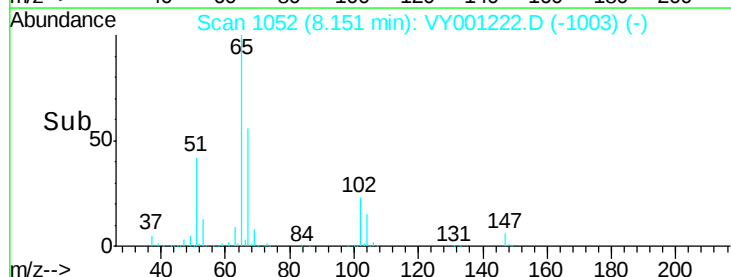
10000

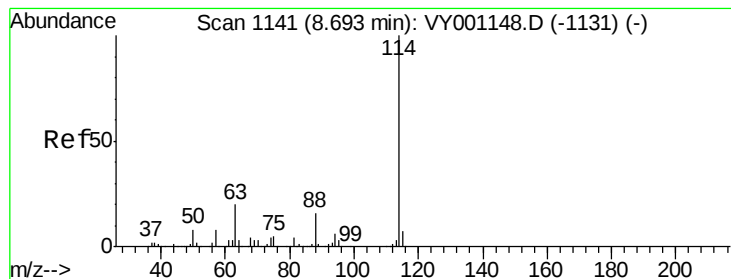
0

8.10

8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001222.D

Acq: 15 Jan 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

BW-1-3.0

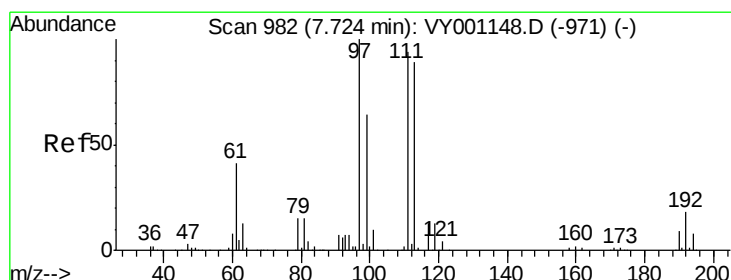
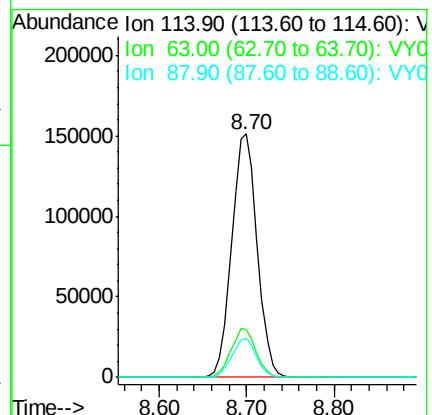
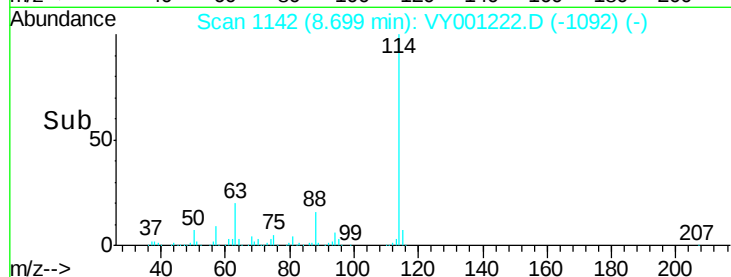
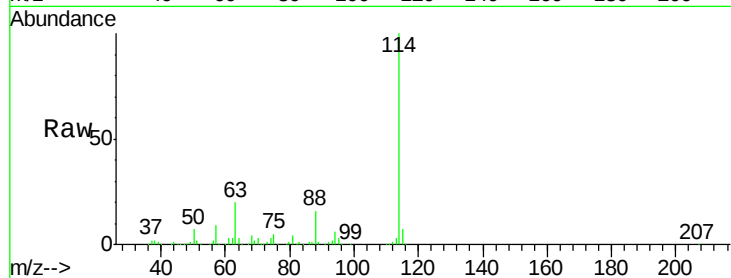
Tot Ion:114 Resp: 304181

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 16.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 50.751 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001222.D

Acq: 15 Jan 2020 16:46

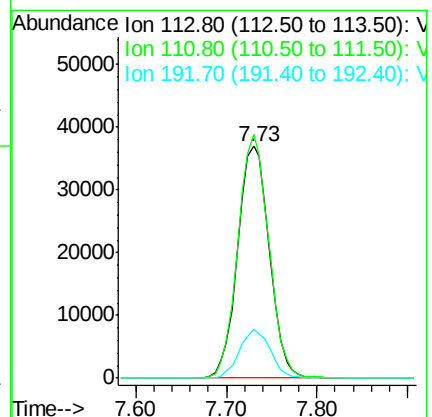
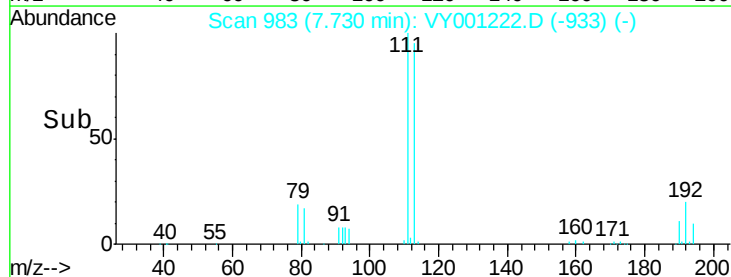
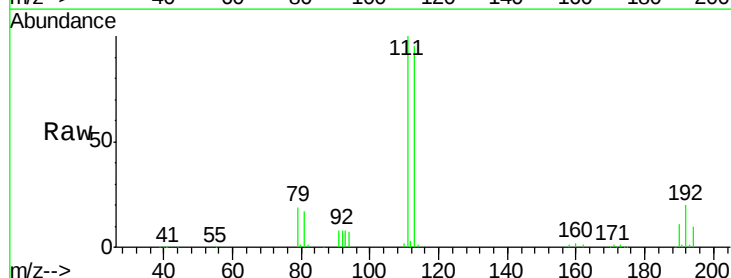
Tgt Ion:113 Resp: 90387

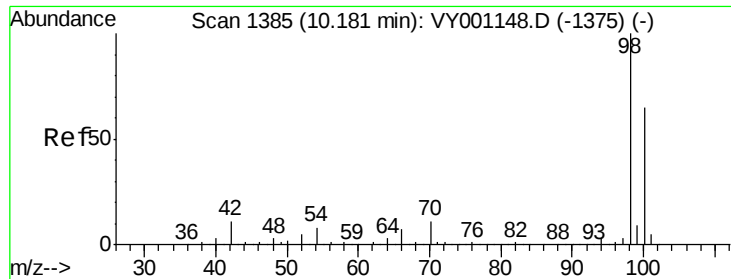
Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 20.3 15.4 23.2





#50

Toluene-d8

Concen: 51.564 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001222.D

Acq: 15 Jan 2020 16:46

Instrument :

MSVOA_Y

ClientSampleId :

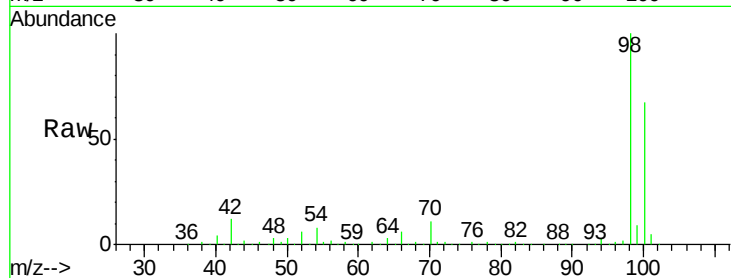
BW-1-3.0

Tot Ion: 98 Resp: 353851

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)

10.18

200000

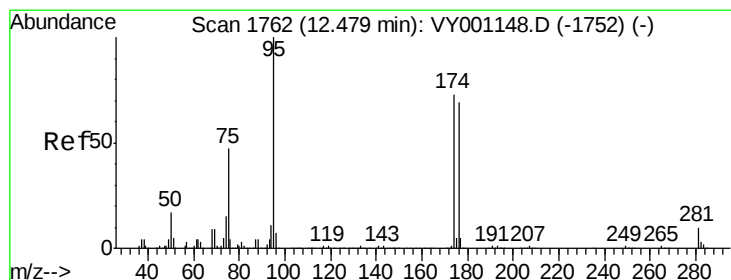
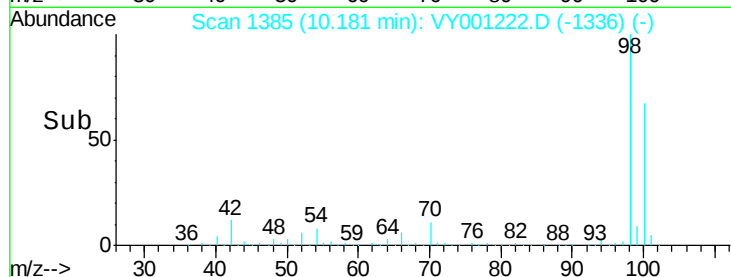
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.364 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001222.D

Acq: 15 Jan 2020 16:46

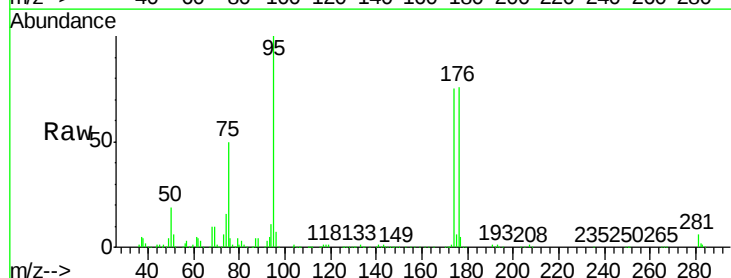
Tgt Ion: 95 Resp: 132881

Ion Ratio Lower Upper

95 100

174 76.7 0.0 143.2

176 74.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

12.48

120000

100000

80000

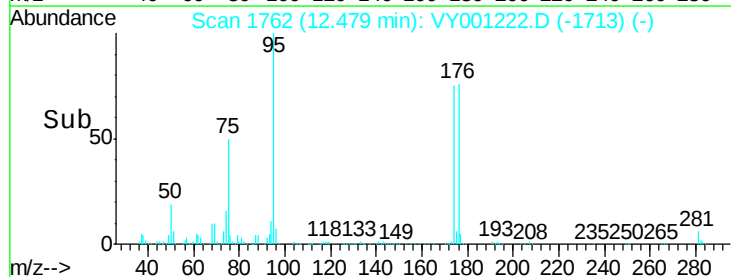
60000

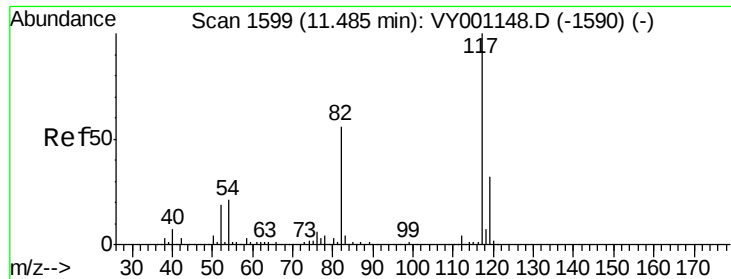
40000

20000

0

Time-->

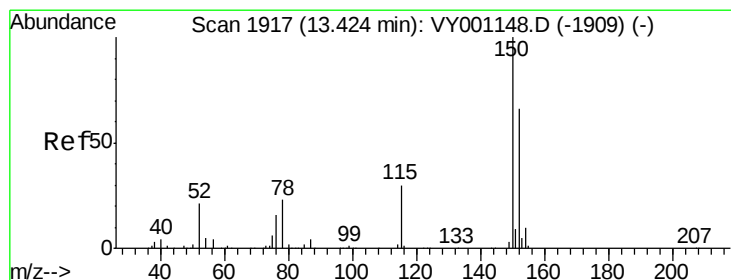
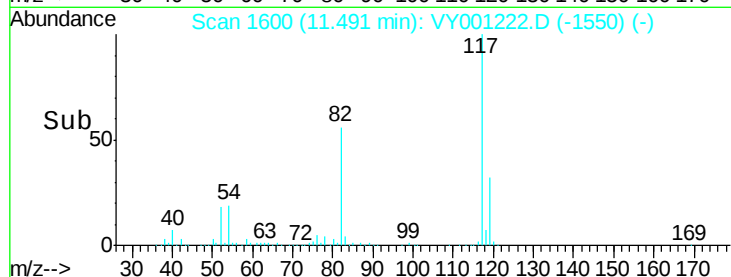
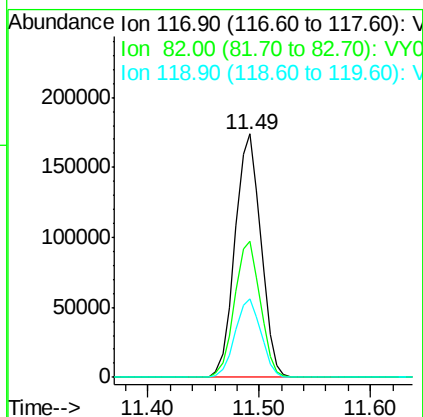
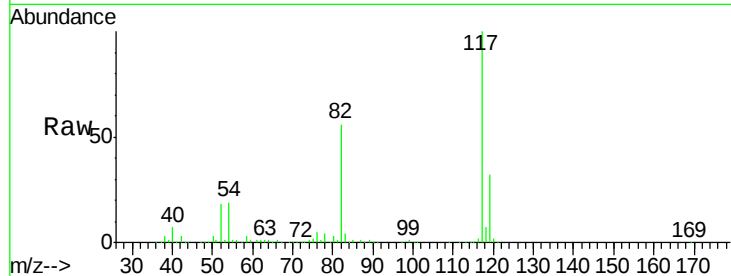




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001222.D
Acq: 15 Jan 2020 16:46

Instrument :
MSVOA_Y
ClientSampleId :
BW-1-3.0

Tot Ion:117 Resp: 279848
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.2 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: VY001222.D
Acq: 15 Jan 2020 16:46

Tgt Ion:152 Resp: 131885
Ion Ratio Lower Upper
152 100
115 59.4 30.9 92.5
150 155.8 0.0 346.8

