

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001183.D
 Acq On : 13 Jan 2020 16:01
 Operator : SY/MD
 Sample : L1107-01
 Misc : 5.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-3.0

Quant Time: Jan 14 11:19:33 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	144526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	116536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	85805	56.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.42%	
35) Dibromofluoromethane	7.73	113	81403	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.18	98	317726	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.48	95	119813	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

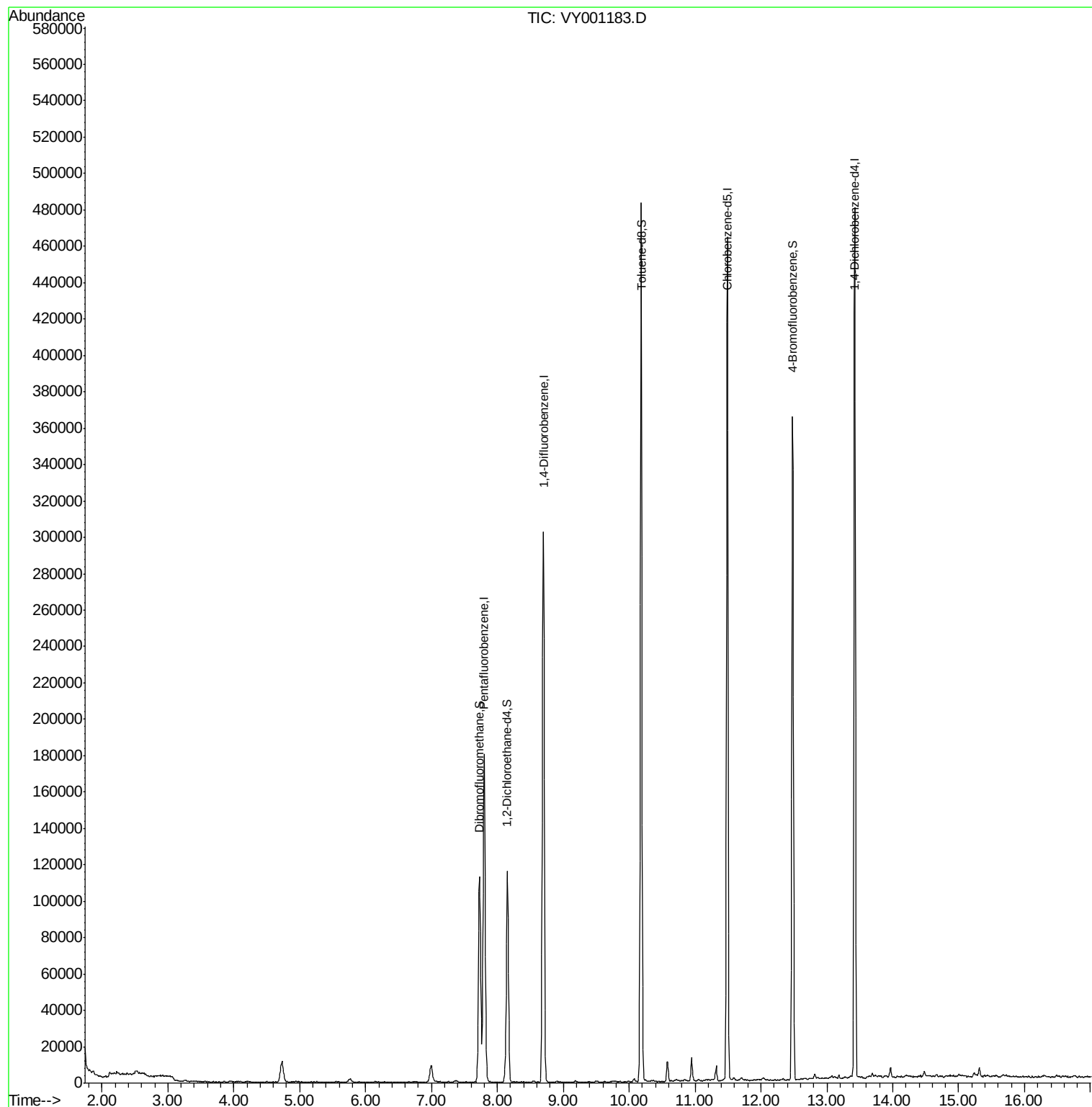
Target Compounds	Qvalue

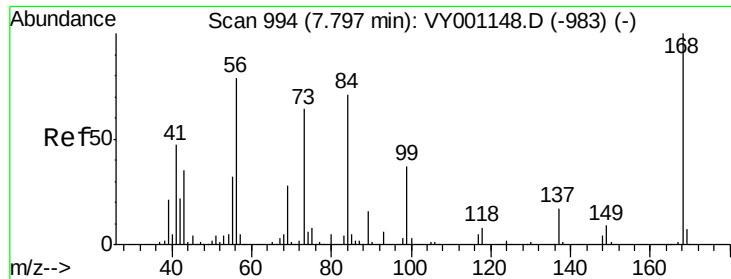
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

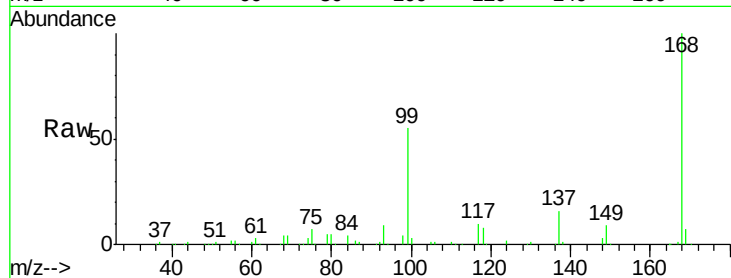
BW-2-3.0

Tot Ion:168 Resp: 144526

Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001183.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001183.D (-945) (-)

7.80

60000

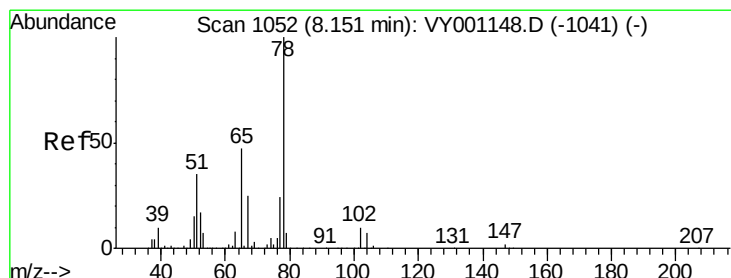
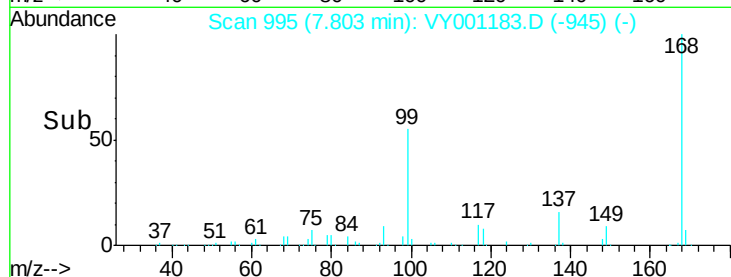
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.212 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001183.D

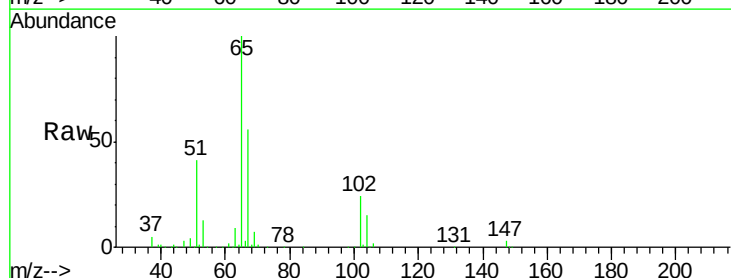
Acq: 13 Jan 2020 16:01

Tgt Ion: 65 Resp: 85805

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001183.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001183.D (-1003) (-)

8.15

40000

30000

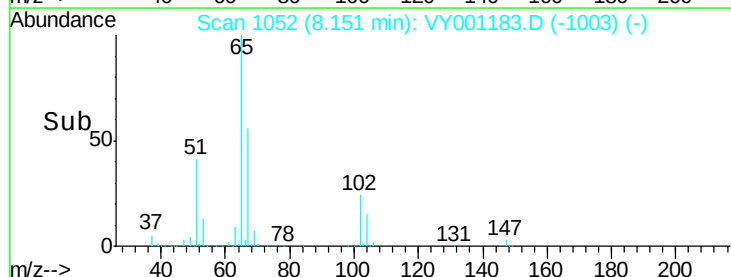
20000

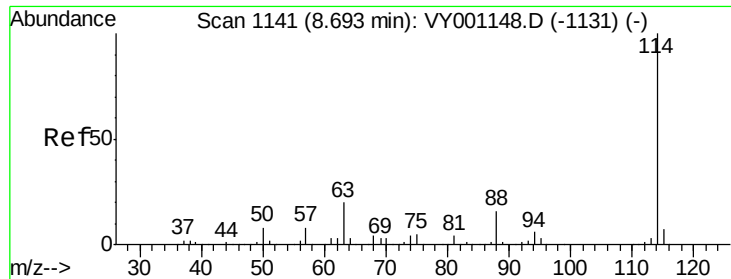
10000

0

Time-->

8.10 8.20 8.30

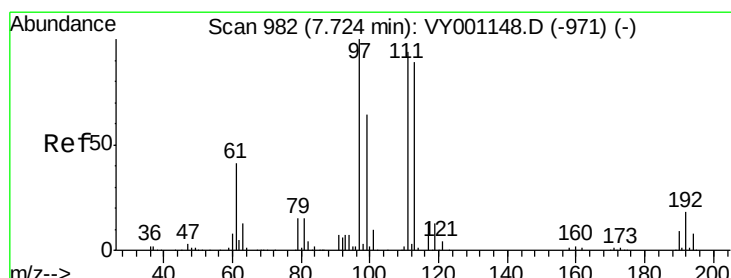
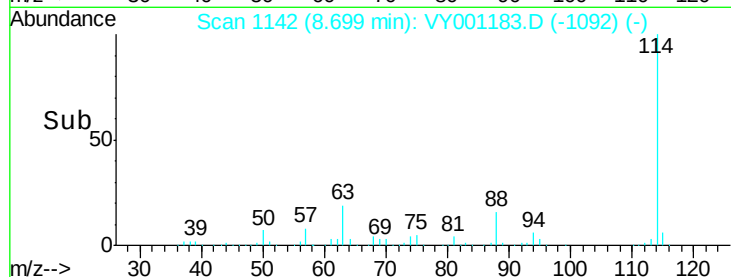
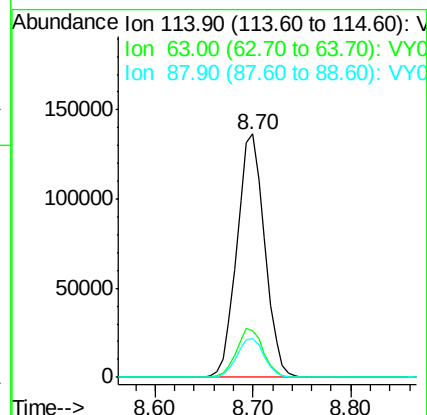
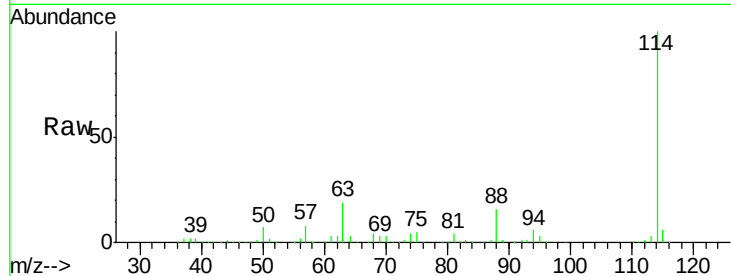




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

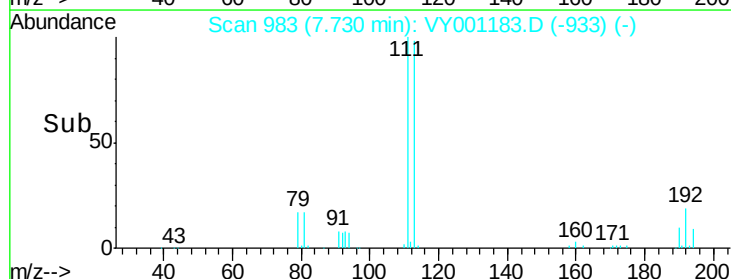
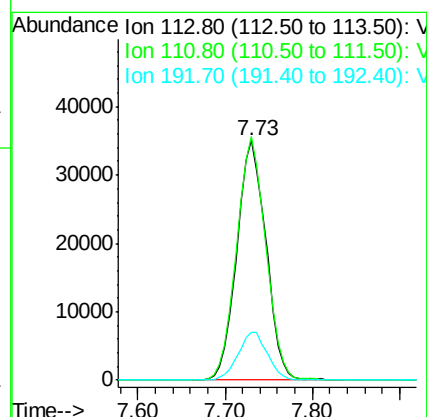
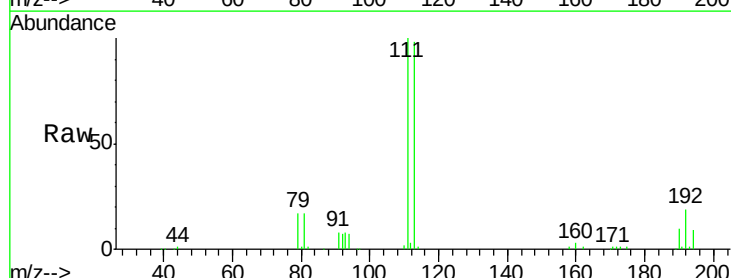
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-3.0

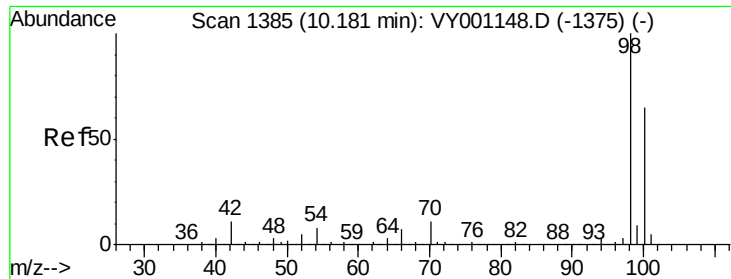
Tot Ion:114 Resp: 268113
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.8
 88 16.2 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 51.856 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

Tgt Ion:113 Resp: 81403
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 20.0 15.4 23.2





#50

Toluene-d8

Concen: 52.528 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

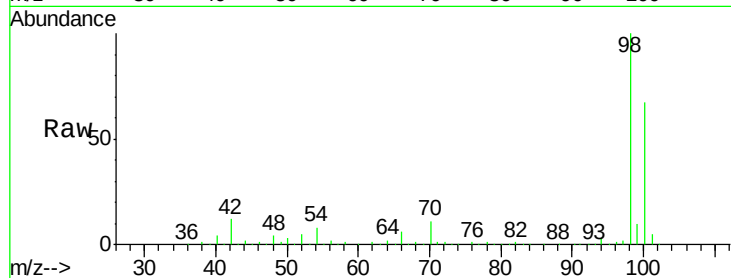
BW-2-3.0

Tot Ion: 98 Resp: 317726

Ion Ratio Lower Upper

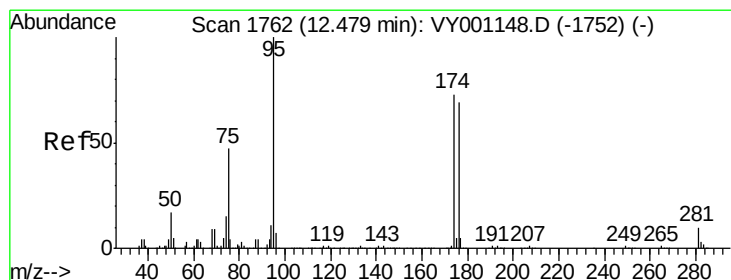
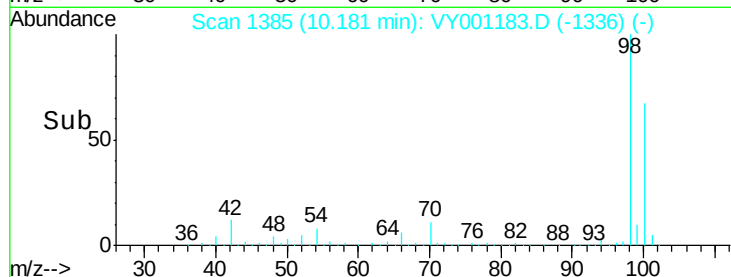
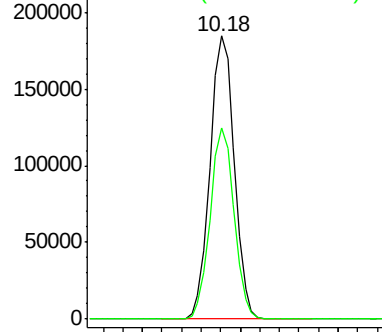
98 100

100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.451 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

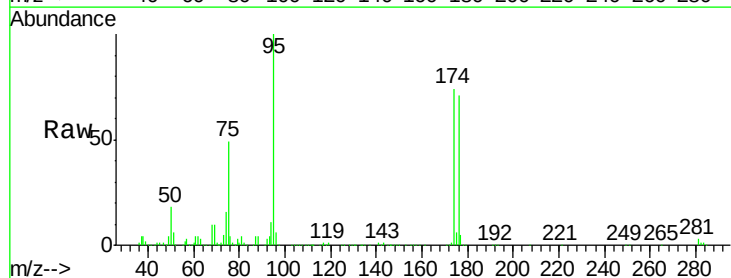
Tgt Ion: 95 Resp: 119813

Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.2

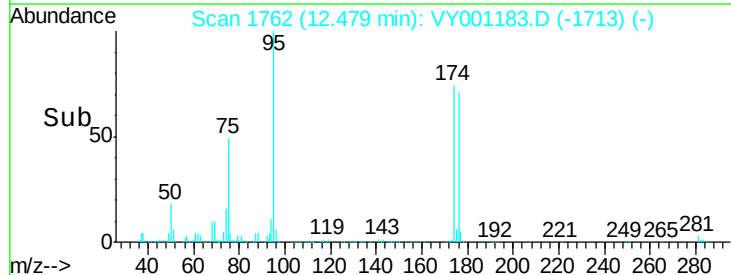
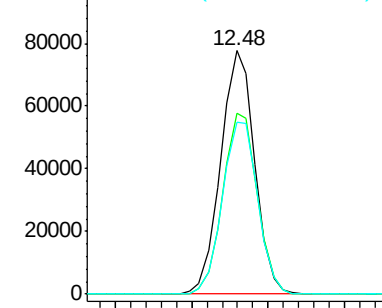
176 73.7 0.0 136.0

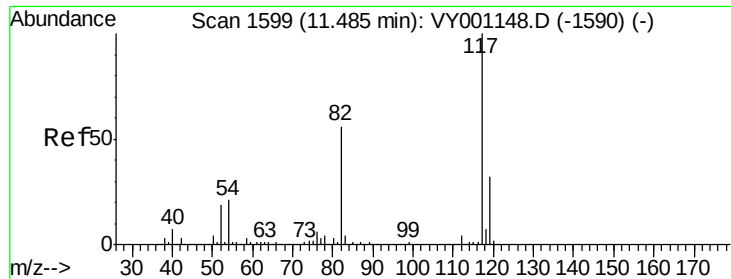


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

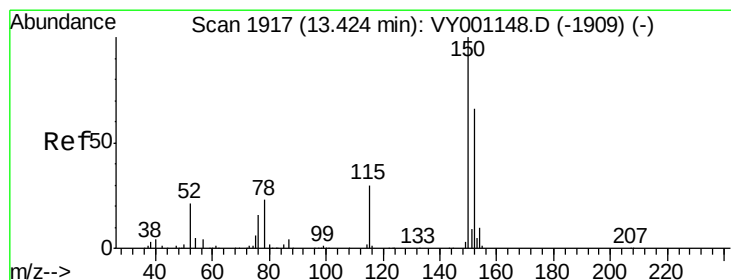
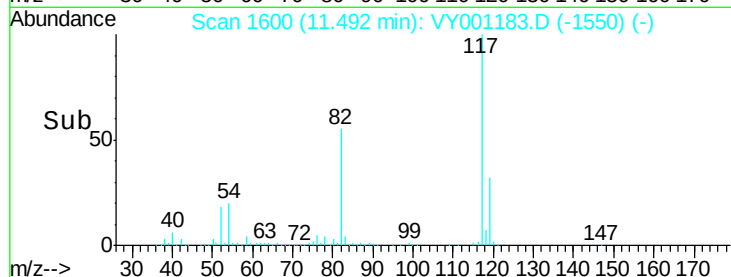
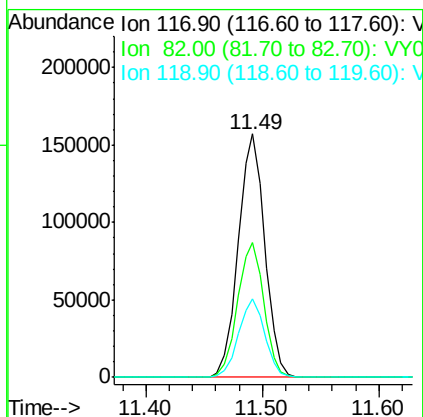
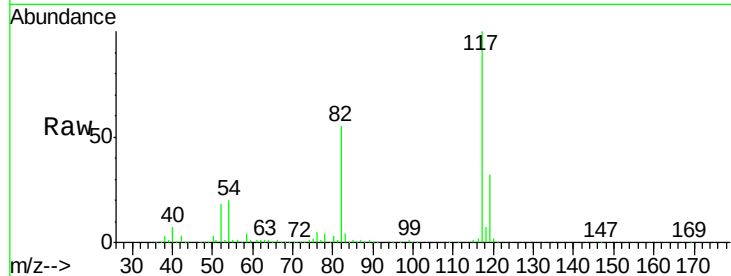




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

Instrument :
MSVOA_Y
ClientSampleId :
BW-2-3.0

Tot Ion:117 Resp: 248983
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.0 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: VY001183.D
Acq: 13 Jan 2020 16:01

Tgt Ion:152 Resp: 116536
Ion Ratio Lower Upper
152 100
115 60.4 30.9 92.5
150 156.7 0.0 346.8

