

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001221.D
 Acq On : 15 Jan 2020 16:23
 Operator : SY/MD
 Sample : L1126-02
 Misc : 6.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-45.0

Quant Time: Jan 16 05:50:30 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

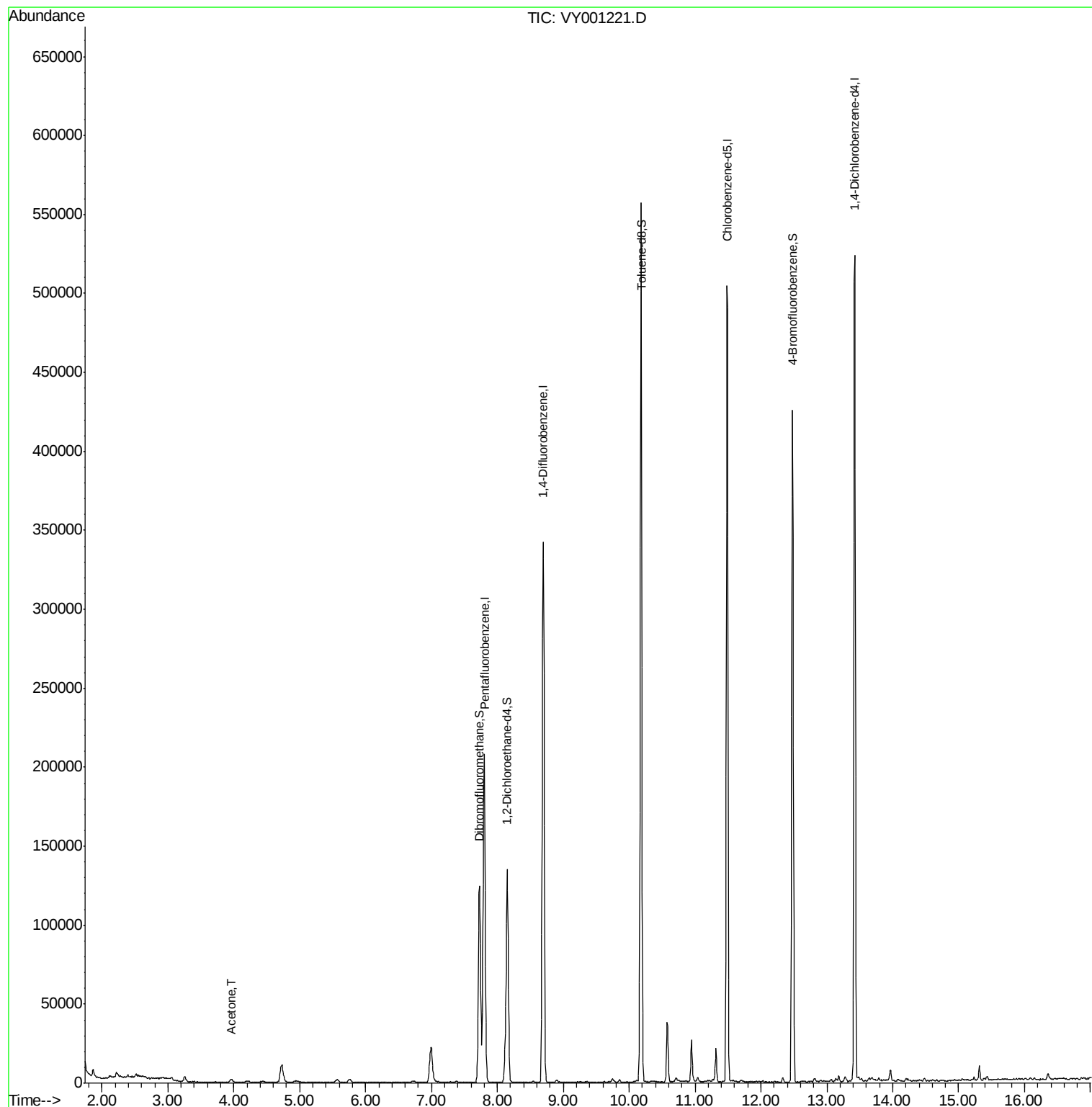
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	166039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	300228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	96030	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.73	113	89130	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.18	98	353111	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.48	95	134515	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	3.96	43	3693	9.068	ug/l	Qvalue 90

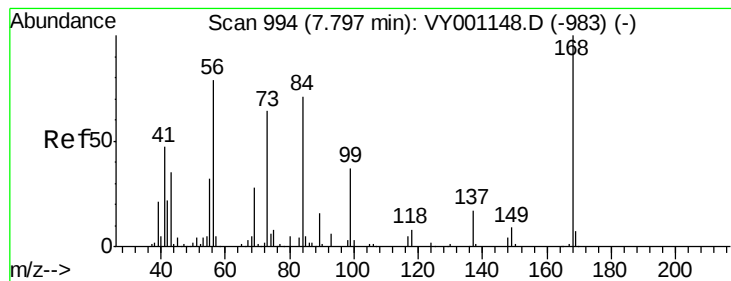
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001221.D

Acq: 15 Jan 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

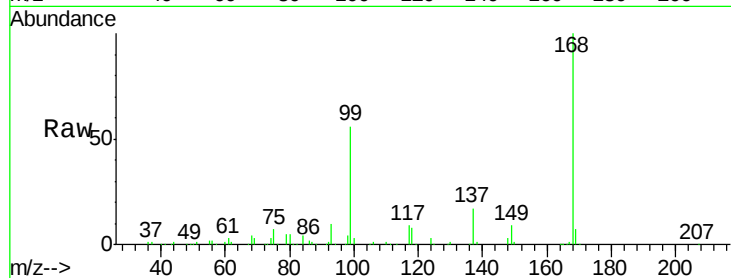
BW-2-45.0

Tot Ion:168 Resp: 166039

Ion Ratio Lower Upper

168 100

99 55.8 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

60000

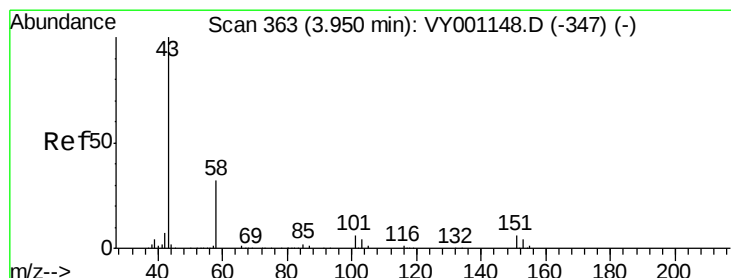
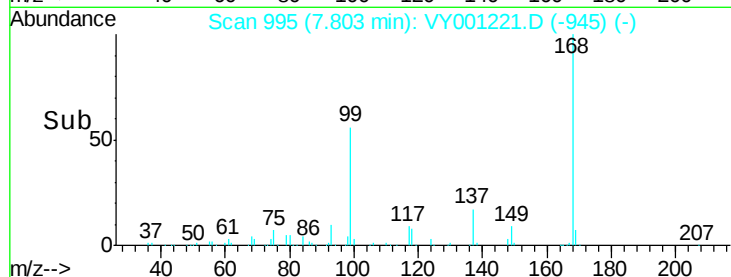
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 9.068 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001221.D

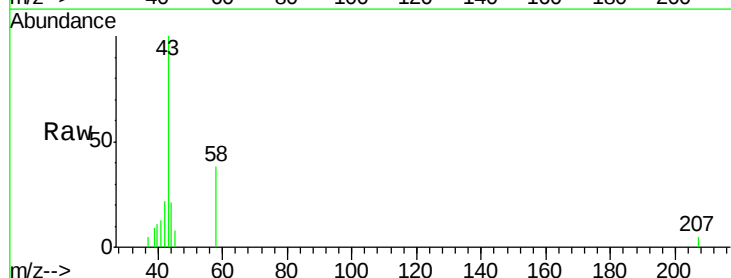
Acq: 15 Jan 2020 16:23

Tgt Ion: 43 Resp: 3693

Ion Ratio Lower Upper

43 100

58 37.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

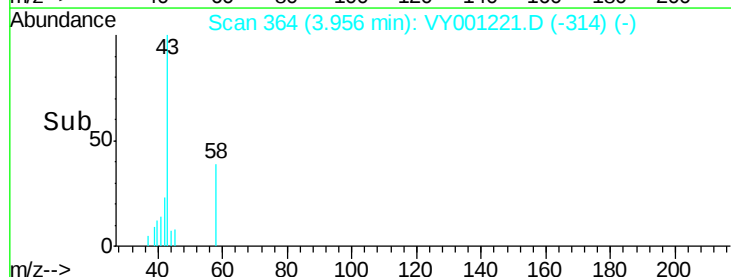
1000

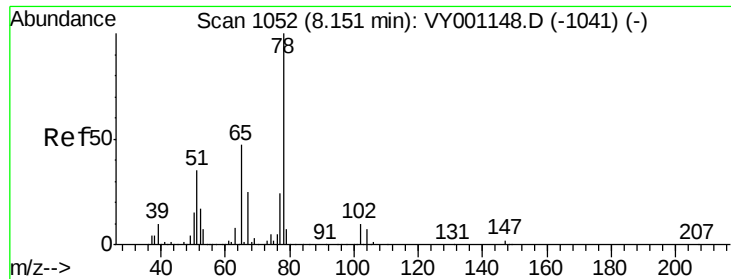
500

0

3.85 3.90 3.95 4.00 4.05

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.760 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001221.D

Acq: 15 Jan 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

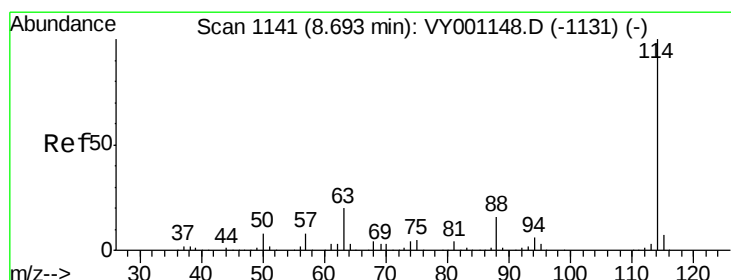
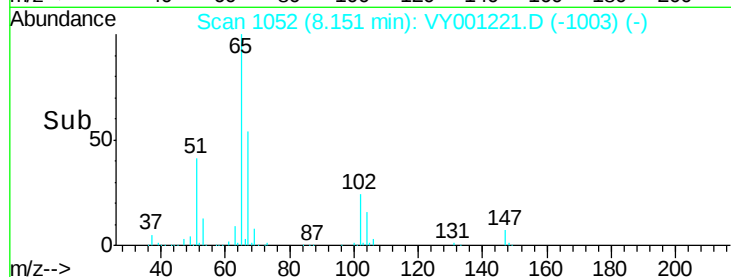
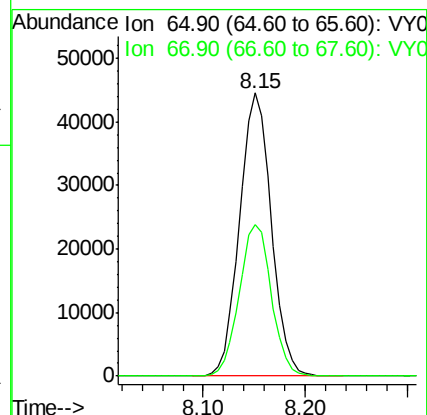
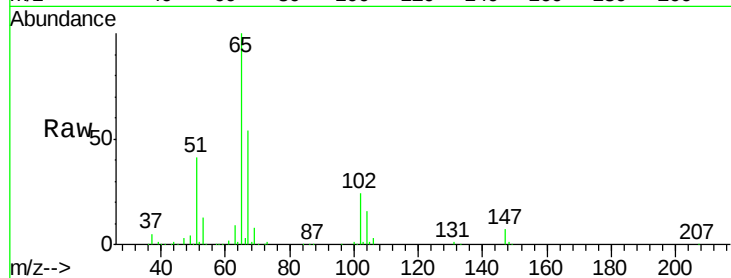
BW-2-45.0

Tot Ion: 65 Resp: 96030

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY001221.D

Acq: 15 Jan 2020 16:23

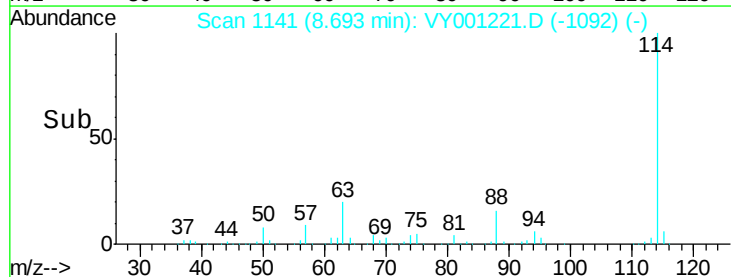
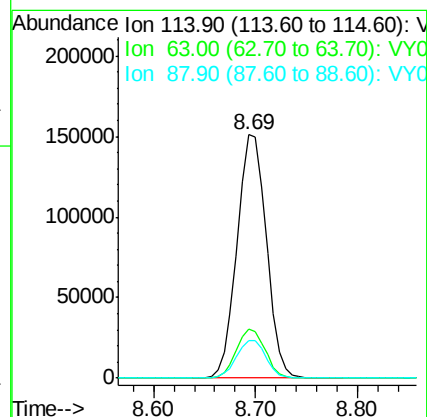
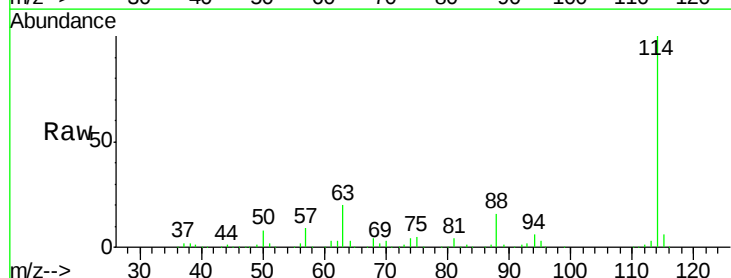
Tgt Ion: 114 Resp: 300228

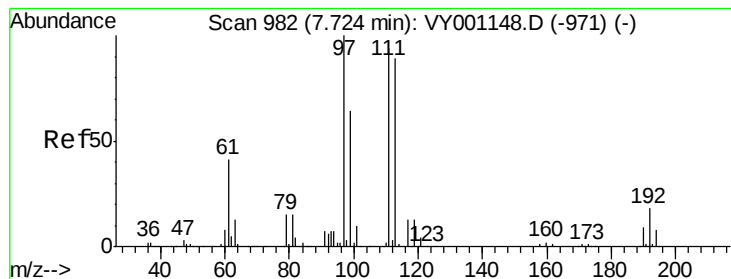
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.705 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001221.D

Acq: 15 Jan 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

BW-2-45.0

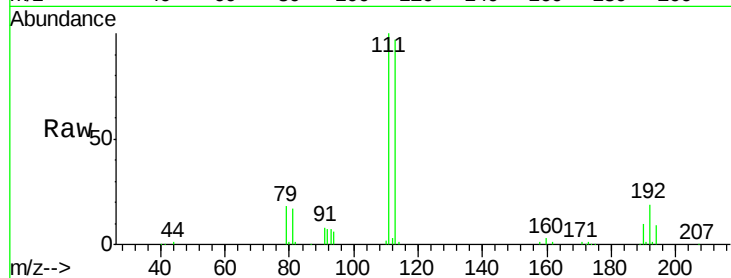
Tot Ion:113 Resp: 89130

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

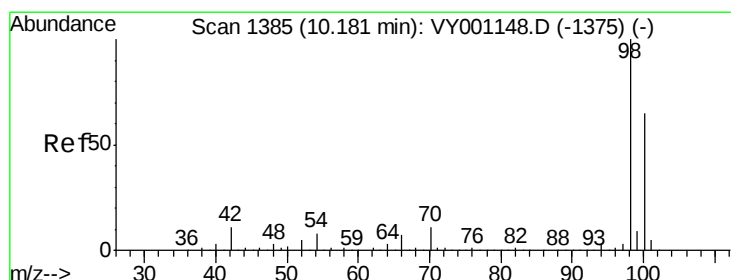
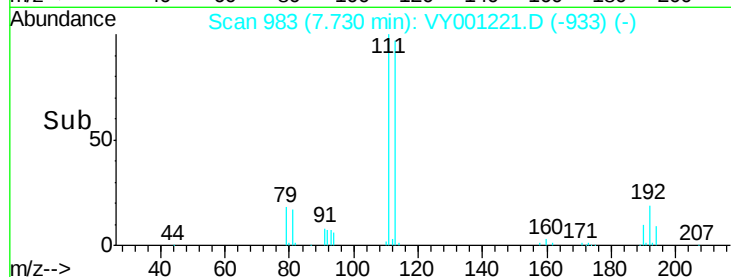
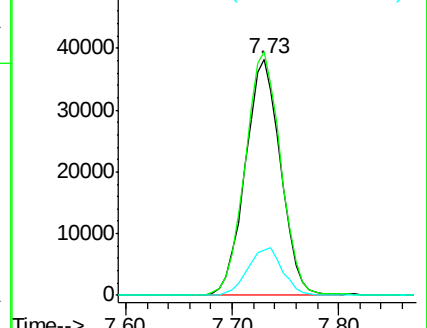
192 19.9 15.4 23.2



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: 52.134 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001221.D

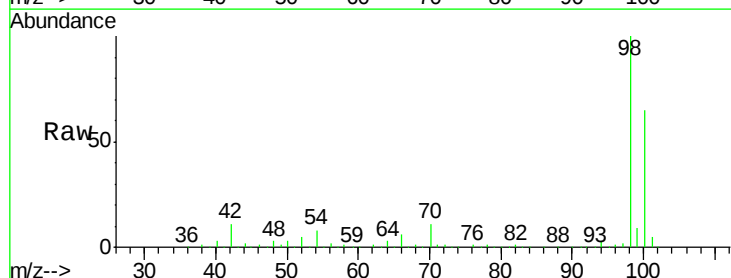
Acq: 15 Jan 2020 16:23

Tgt Ion: 98 Resp: 353111

Ion Ratio Lower Upper

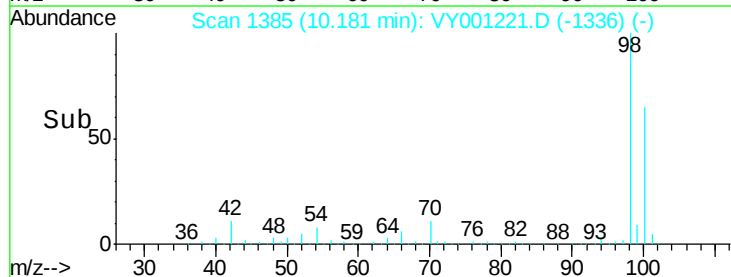
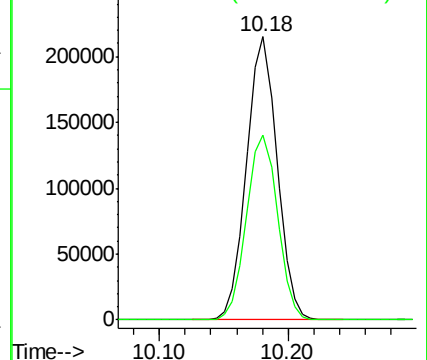
98 100

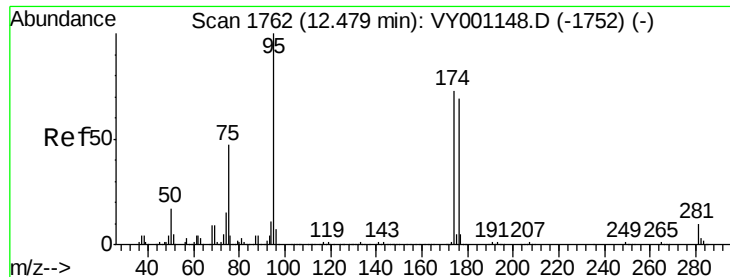
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

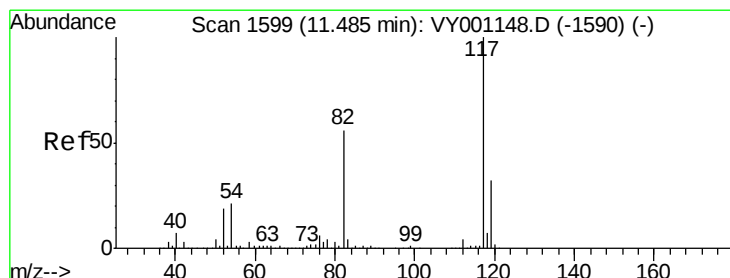
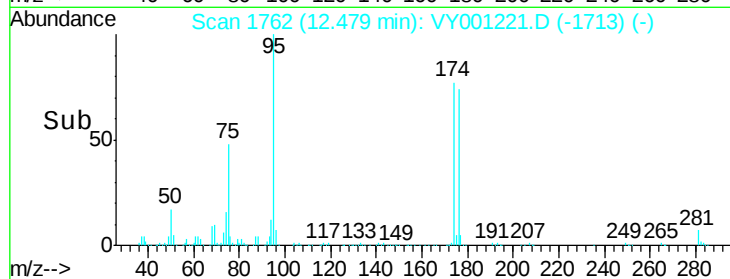
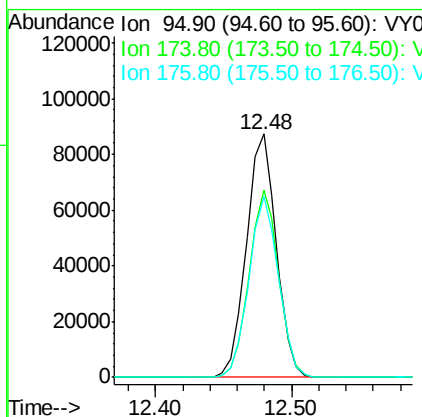
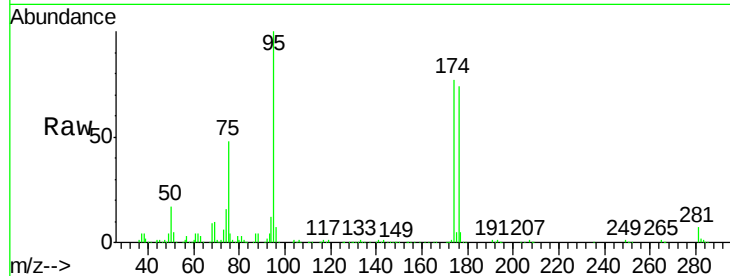




#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001221.D
Acq: 15 Jan 2020 16:23

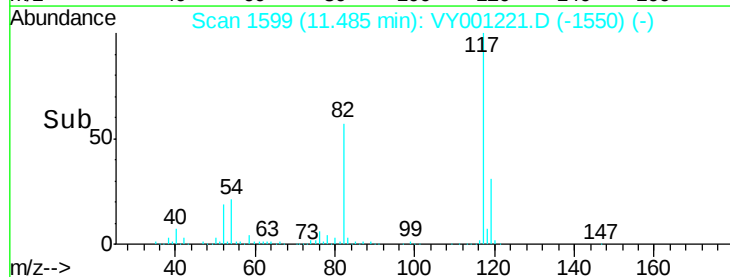
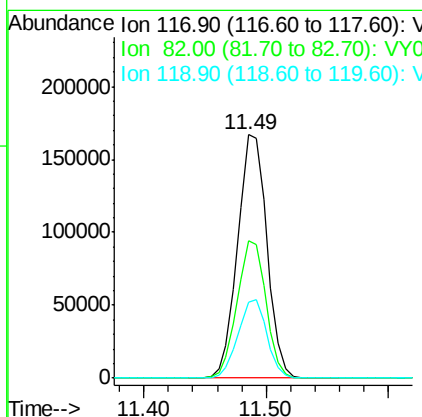
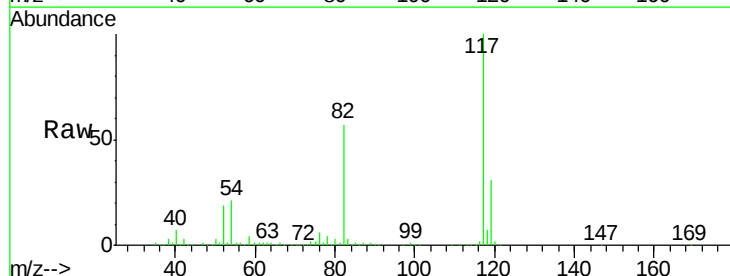
Instrument :
MSVOA_Y
ClientSampleId :
BW-2-45.0

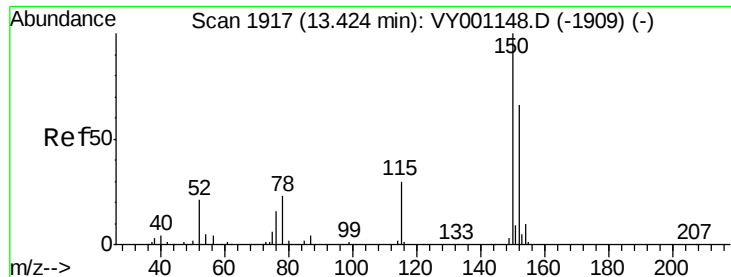
Tot Ion	95	Resp	134515
Ion Ratio	100	Lower	Upper
174	76.2	0.0	143.2
176	74.0	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001221.D
Acq: 15 Jan 2020 16:23

Tgt Ion	117	Resp	276408
Ion Ratio	100	Lower	Upper
82	56.6	44.9	67.3
119	31.3	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: VY001221.D

Acq: 15 Jan 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

BW-2-45.0

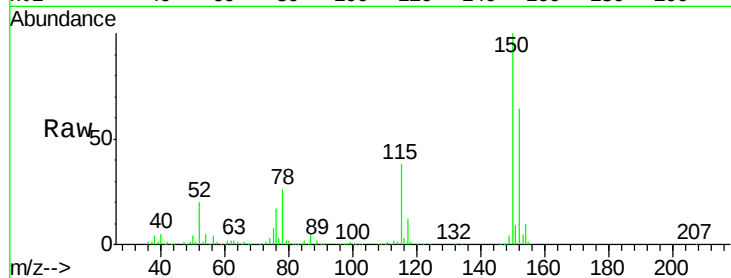
Tot Ion:152 Resp: 134285

Ion Ratio Lower Upper

152 100

115 59.2 30.9 92.5

150 156.0 0.0 346.8



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

