

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000251.D
 Acq On : 10 Oct 2019 14:31
 Operator : SY/MD
 Sample : VY1010WBL01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBL01

Quant Time: Oct 11 06:01:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	529126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	452949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208679	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	198654	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	7.73	113	157369	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	10.18	98	608371	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.49	95	210630	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

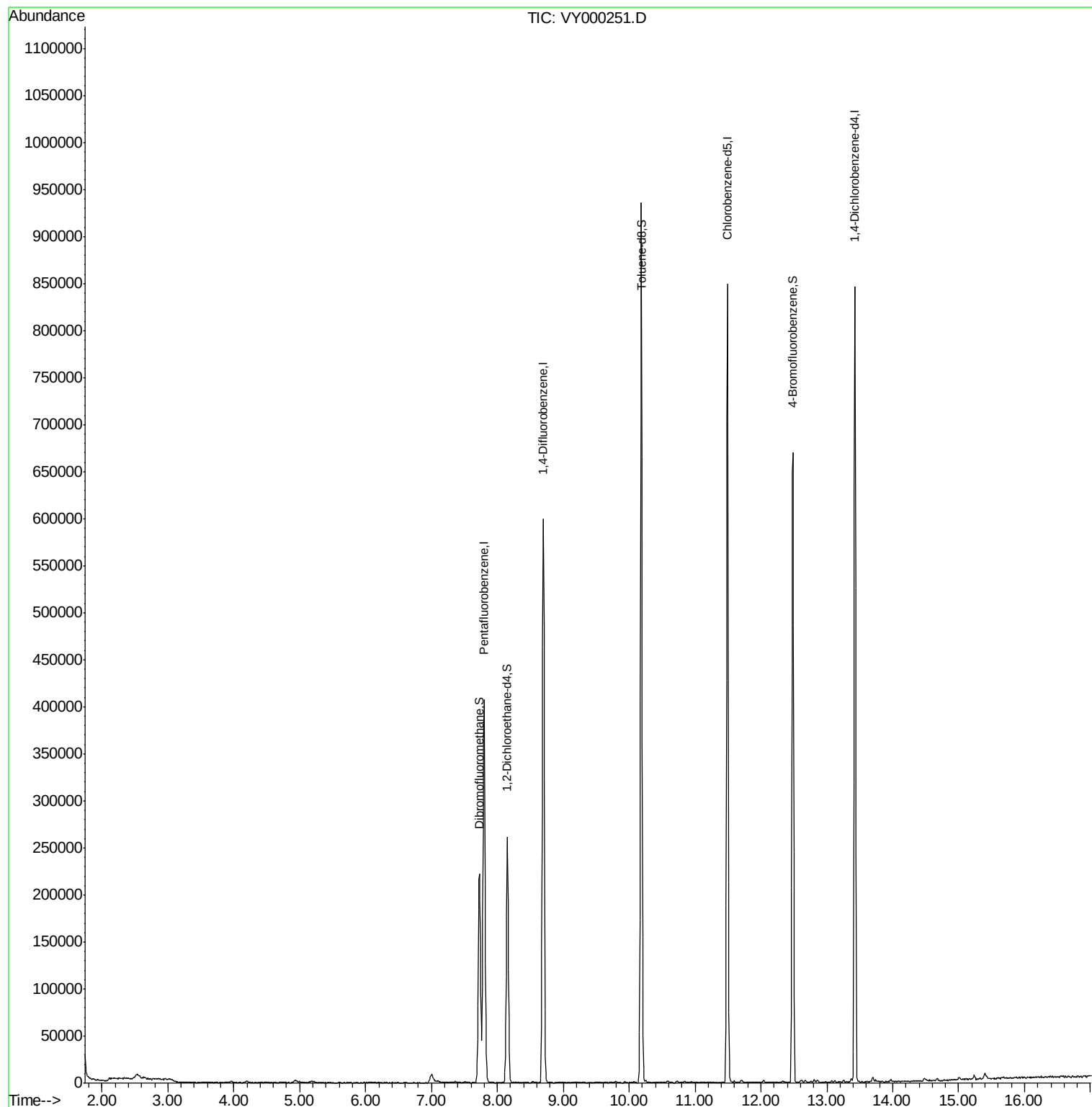
Target Compounds	Qvalue
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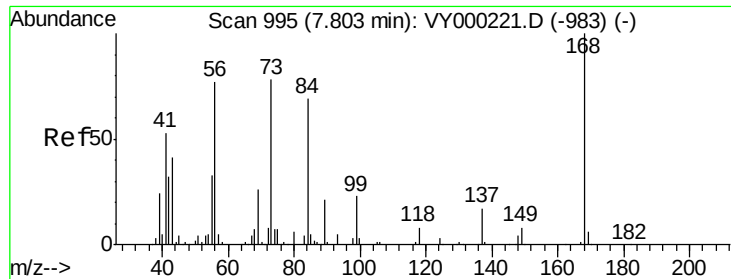
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000251.D

Acq: 10 Oct 2019 14:31

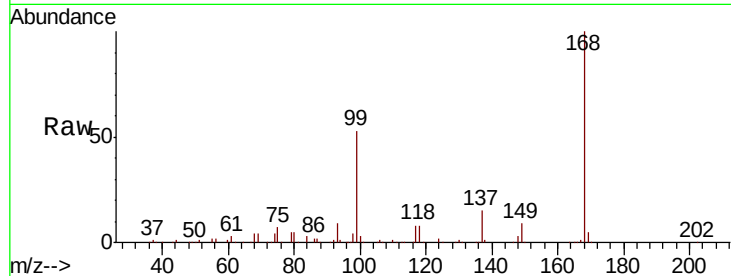
Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBL01

Tot Ion:168 Resp: 323228

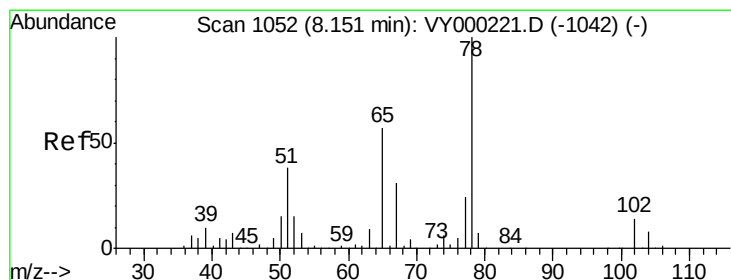
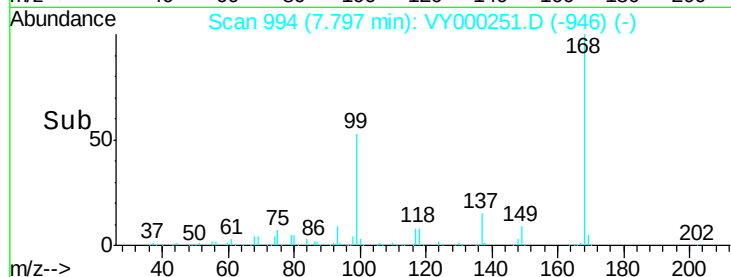
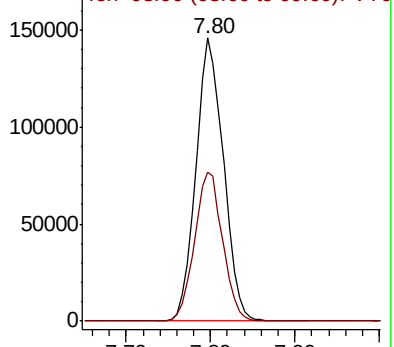
Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.785 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000251.D

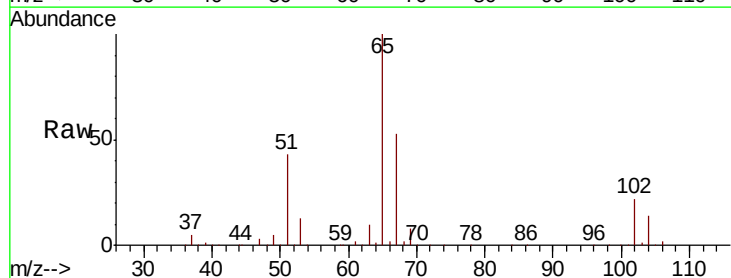
Acq: 10 Oct 2019 14:31

Tgt Ion: 65 Resp: 198654

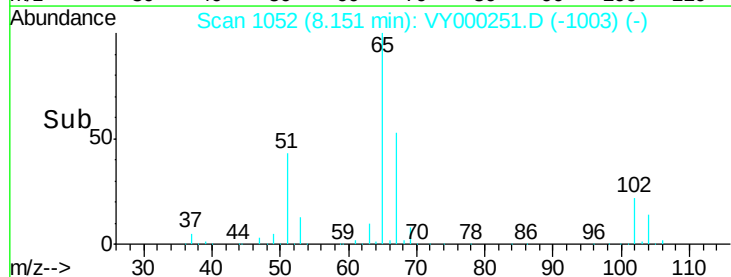
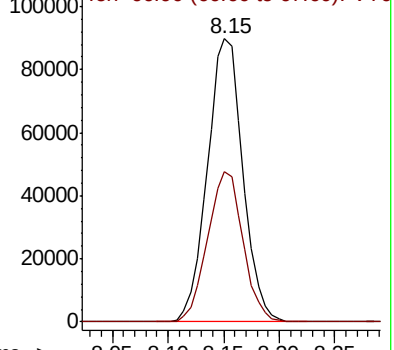
Ion Ratio Lower Upper

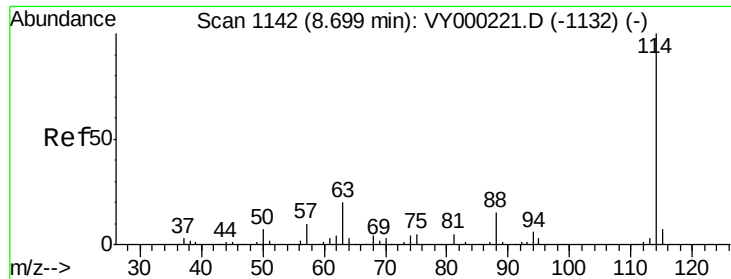
65 100

67 53.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY000221.D (-1042) (-)

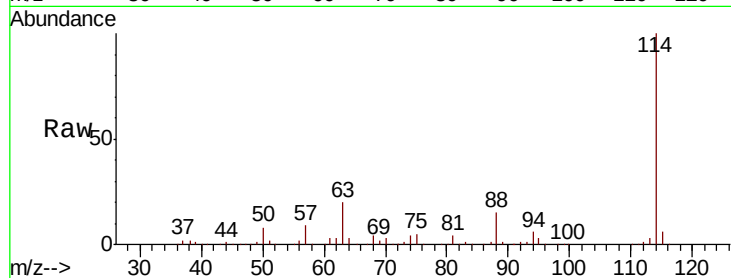




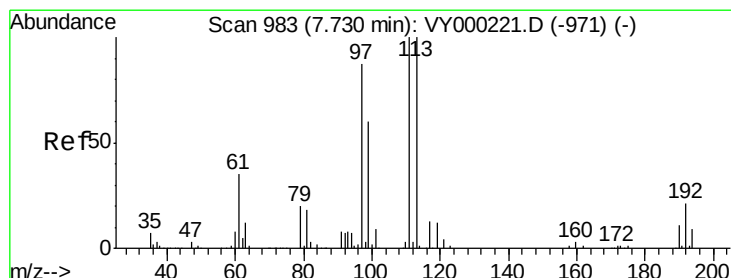
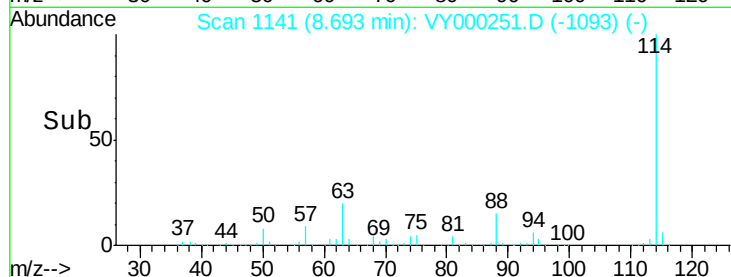
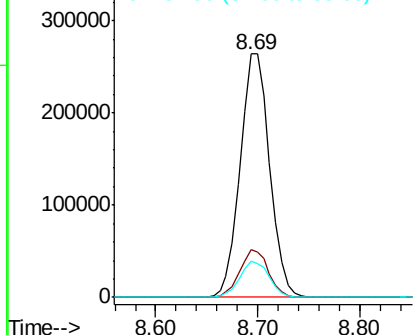
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000251.D
 Acq: 10 Oct 2019 14:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBL01

Tot Ion:114 Resp: 529126
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.0 0.0 30.6

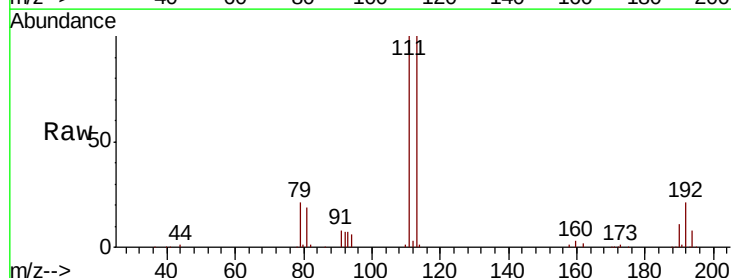


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

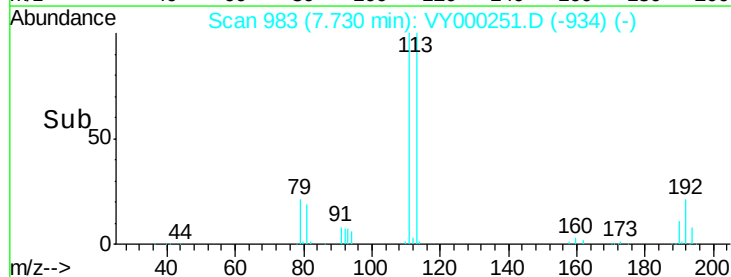
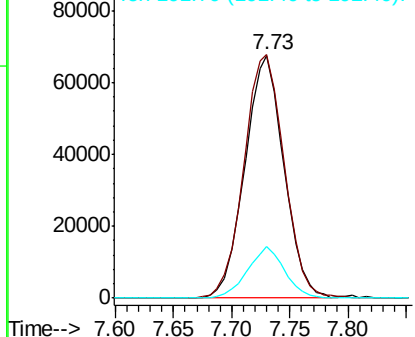


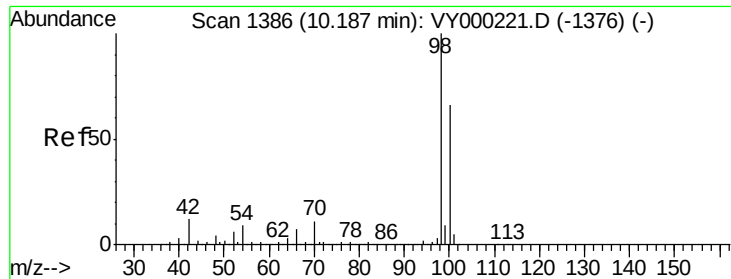
#35
 Dibromofluoromethane
 Concen: 47.733 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000251.D
 Acq: 10 Oct 2019 14:31

Tgt Ion:113 Resp: 157369
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 124.0
 192 20.1 15.8 23.8



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: 46.976 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000251.D

Acq: 10 Oct 2019 14:31

Instrument :

MSVOA_Y

ClientSampleId :

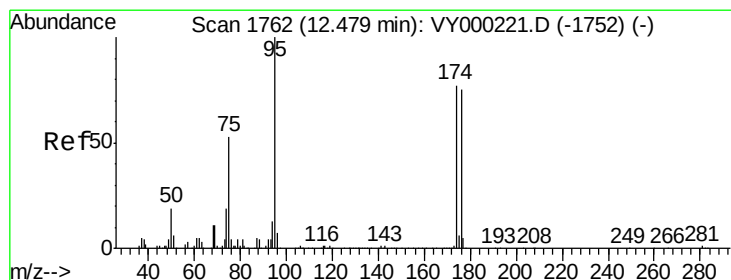
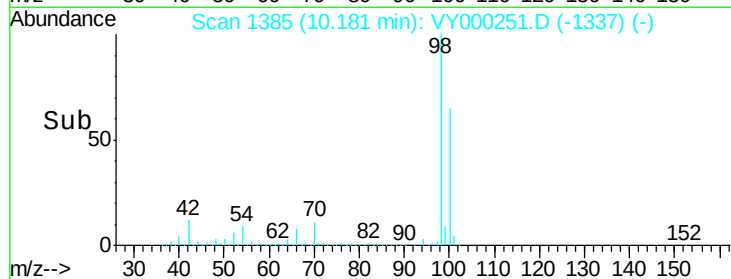
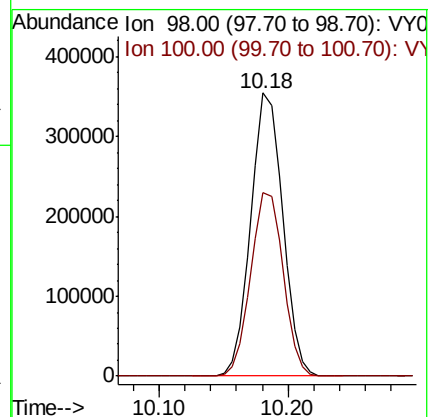
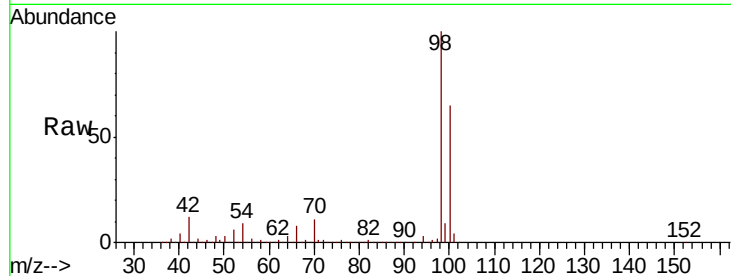
VY1010WBL01

Tot Ion: 98 Resp: 608371

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 46.082 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000251.D

Acq: 10 Oct 2019 14:31

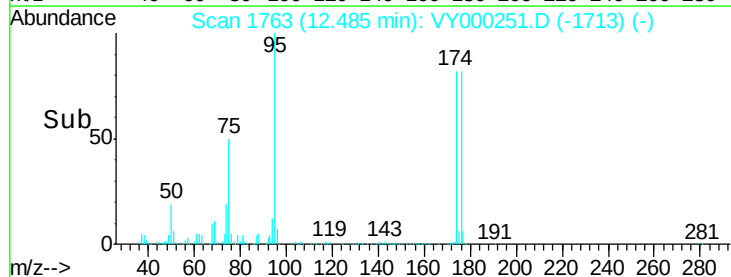
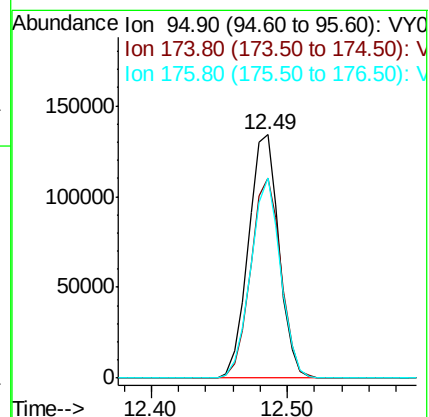
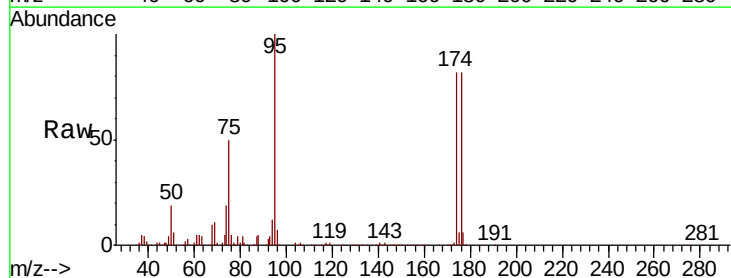
Tgt Ion: 95 Resp: 210630

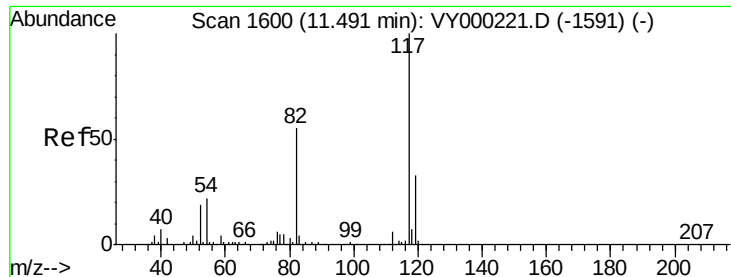
Ion Ratio Lower Upper

95 100

174 81.9 0.0 157.0

176 80.6 0.0 153.0

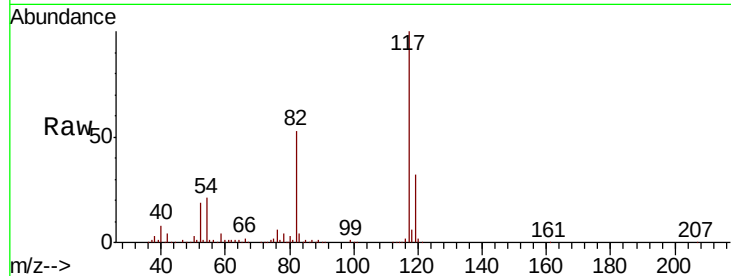




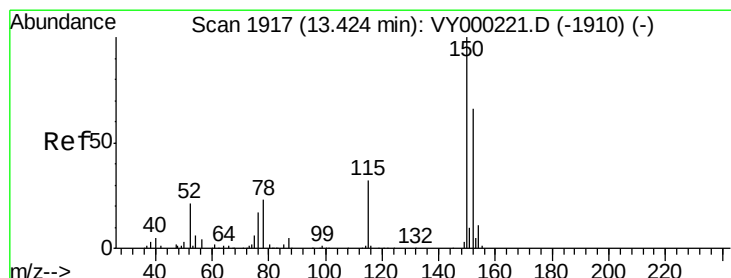
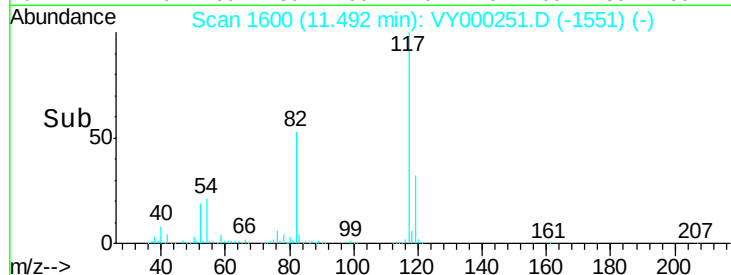
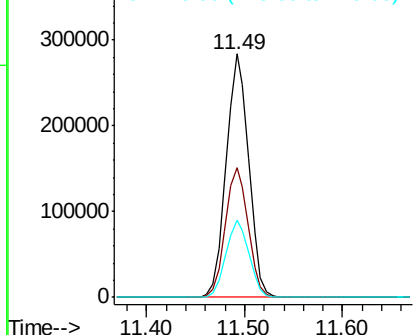
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000251.D
Acq: 10 Oct 2019 14:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1010WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.4	66.6
119	31.9	26.2	39.2

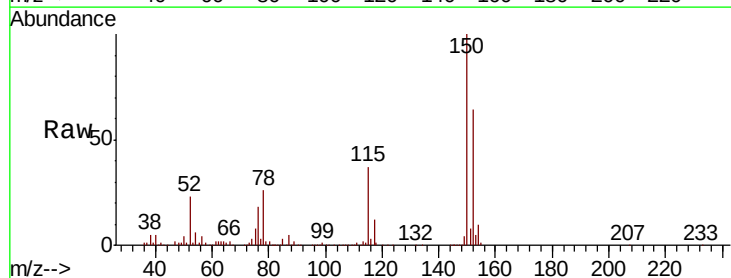


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000251.D
Acq: 10 Oct 2019 14:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	88.0
150	159.0	0.0	349.6



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

