

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003491.D
 Acq On : 03 Nov 2020 14:47
 Operator : SY/MD
 Sample : L4600-05
 Misc : 6.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-23

Quant Time: Nov 04 00:50:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	95714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	146828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	119141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	52657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	52282	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	7.73	113	46771	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.18	98	176782	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.48	95	46464	37.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.46%	

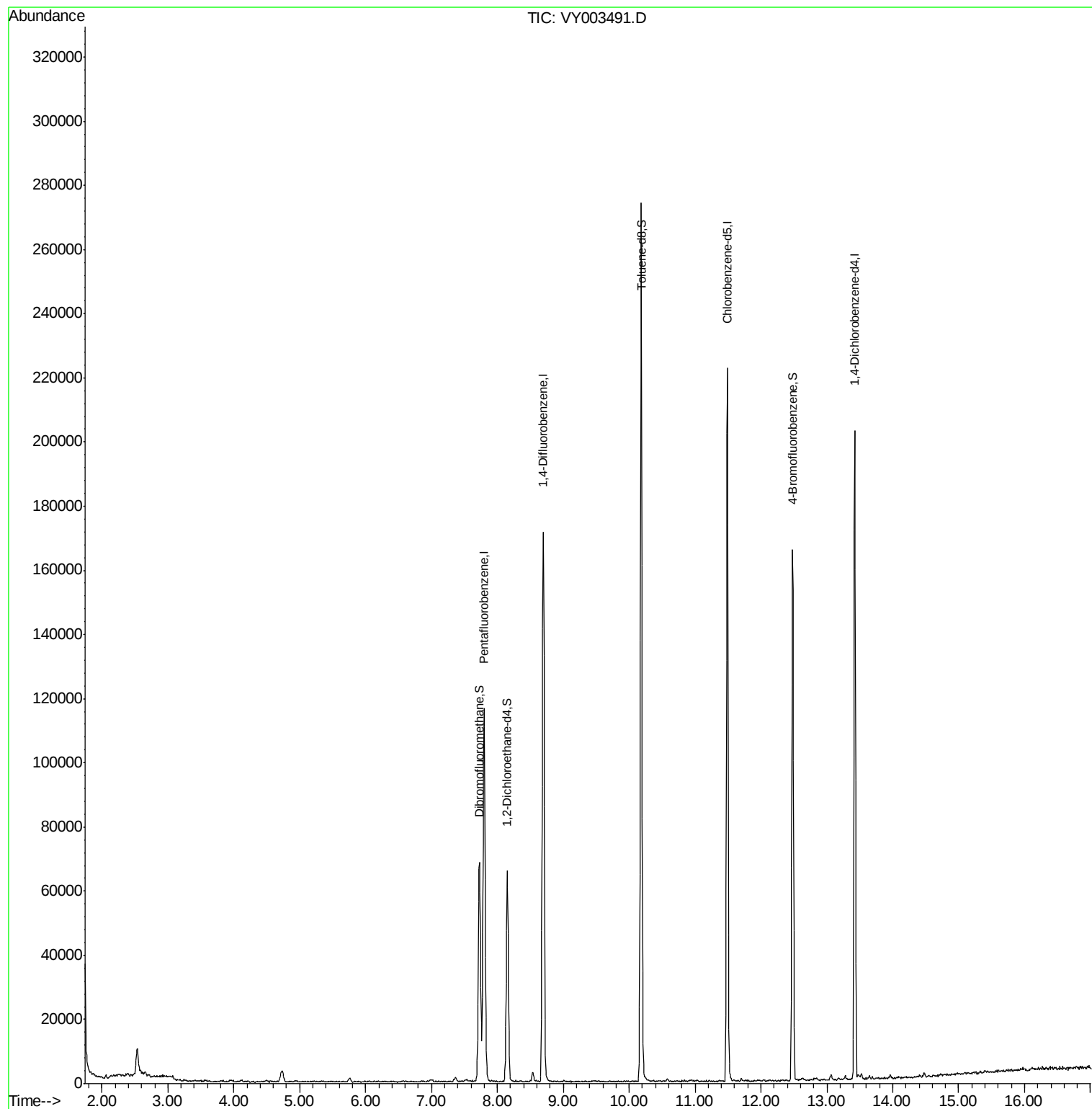
Target Compounds	Qvalue

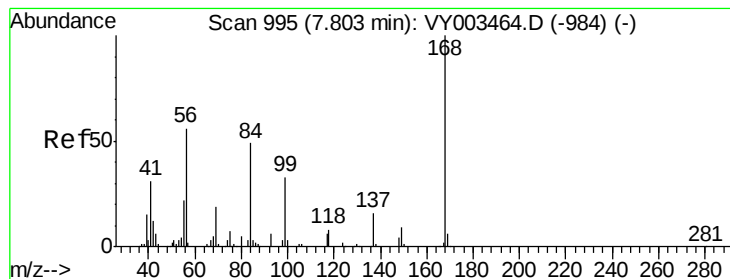
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003491.D

Acq: 03 Nov 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

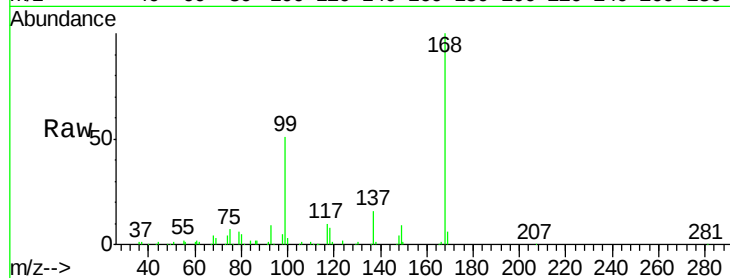
CRT-23

Tot Ion:168 Resp: 95714

Ion Ratio Lower Upper

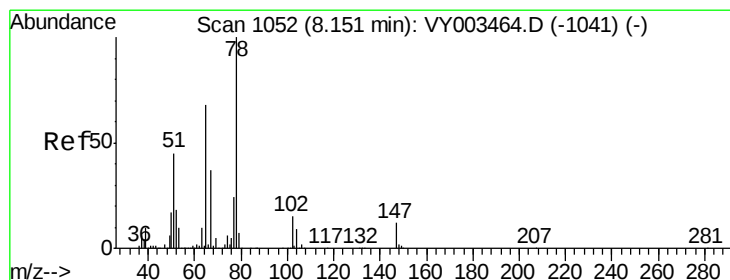
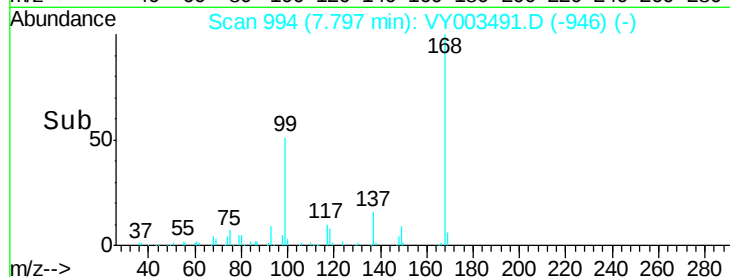
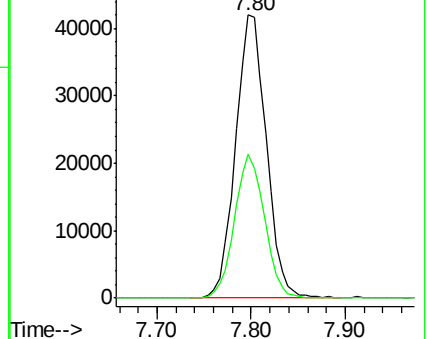
168 100

99 50.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.281 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY003491.D

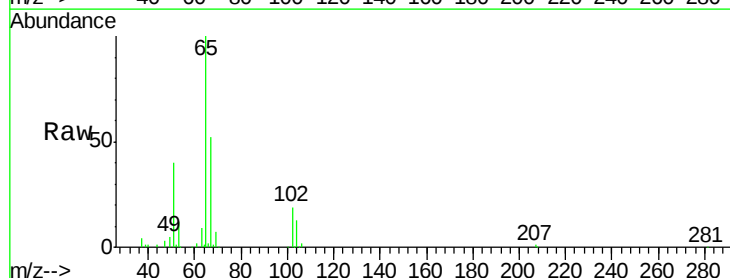
Acq: 03 Nov 2020 14:47

Tgt Ion: 65 Resp: 52282

Ion Ratio Lower Upper

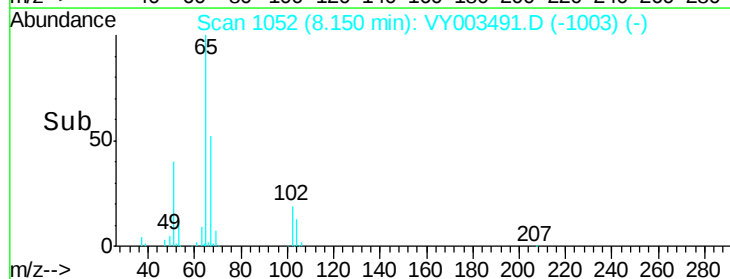
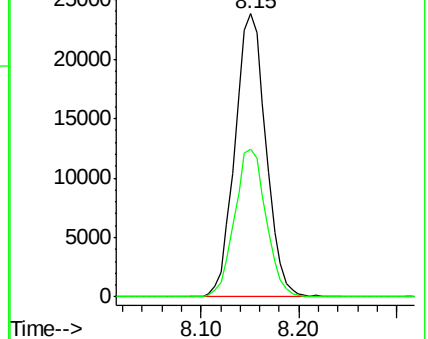
65 100

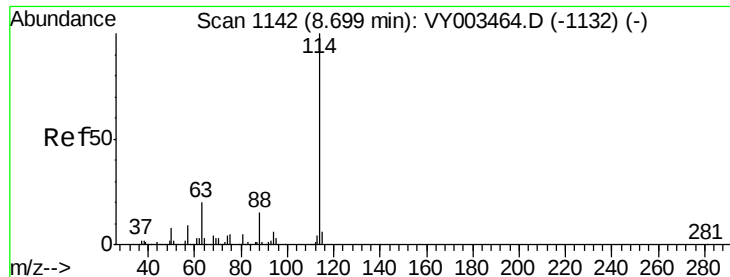
67 53.0 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003464.D (-1041) (-)

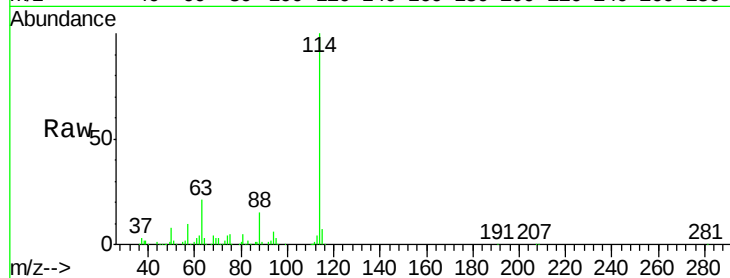




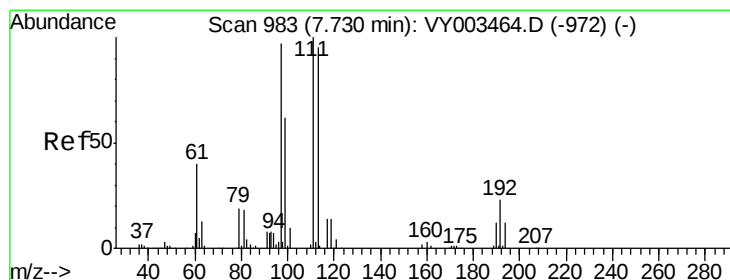
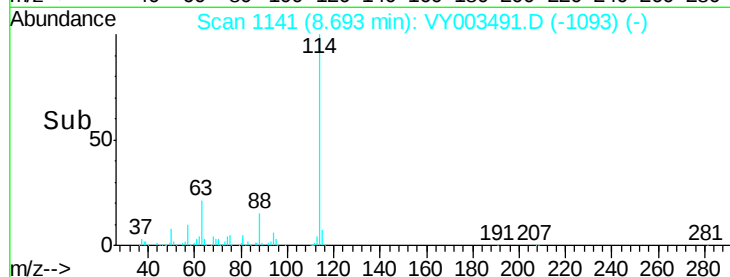
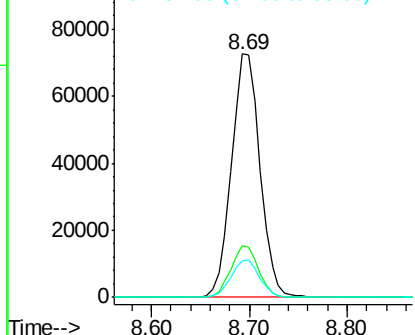
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003491.D
 Acq: 03 Nov 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 CRT-23

Tot Ion:114 Resp: 146828
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.6
 88 15.1 0.0 29.4

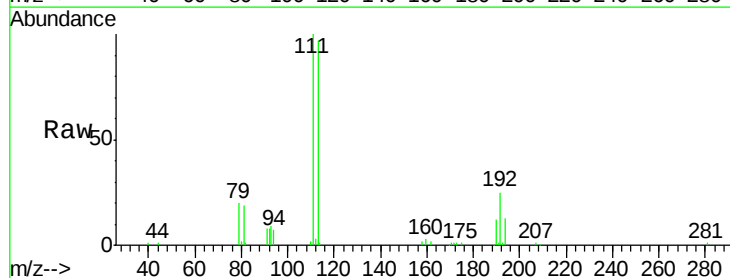


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

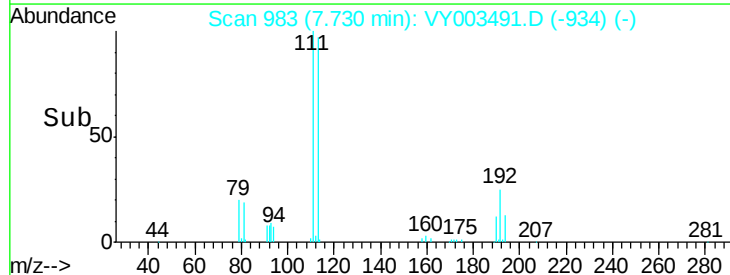
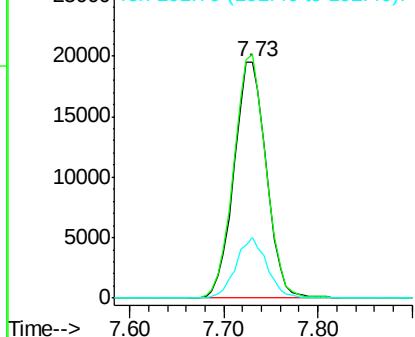


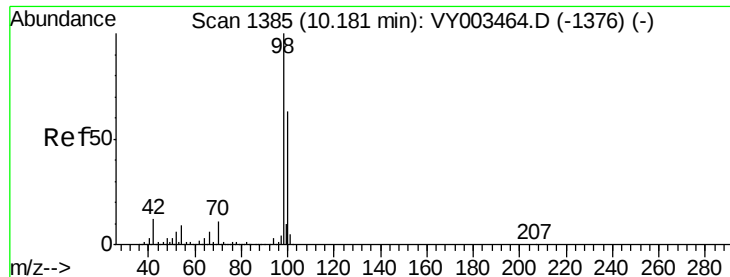
#35
 Dibromofluoromethane
 Concen: 52.347 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY003491.D
 Acq: 03 Nov 2020 14:47

Tgt Ion:113 Resp: 46771
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 24.4 18.8 28.2



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: 47.561 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003491.D

Acq: 03 Nov 2020 14:47

Instrument :

MSVOA_Y

ClientSampled :

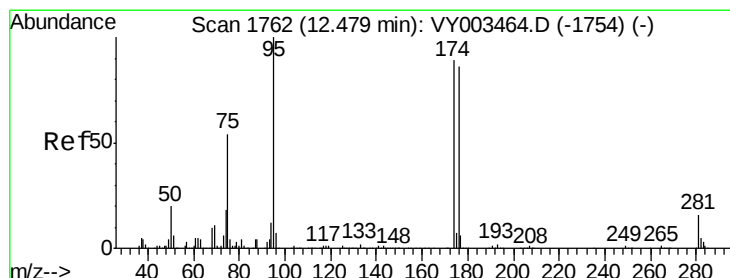
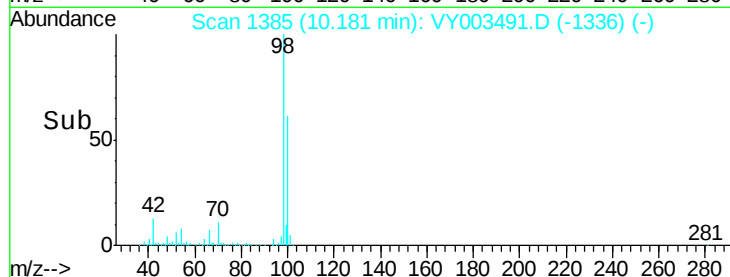
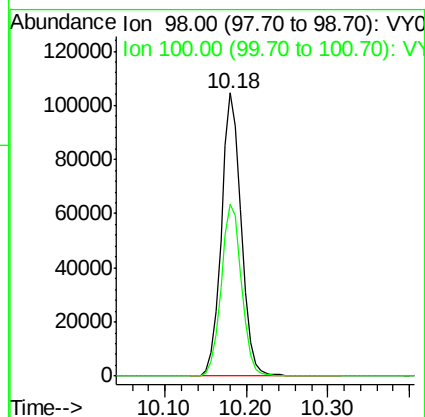
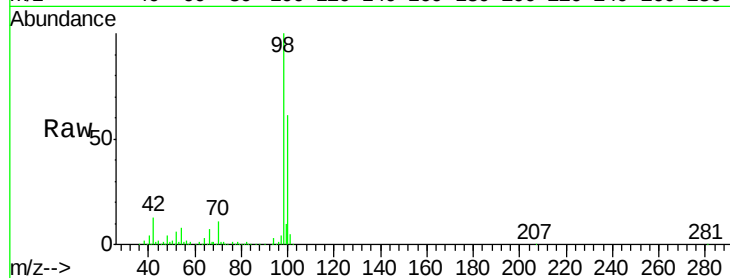
CRT-23

Tot Ion: 98 Resp: 176782

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 37.728 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003491.D

Acq: 03 Nov 2020 14:47

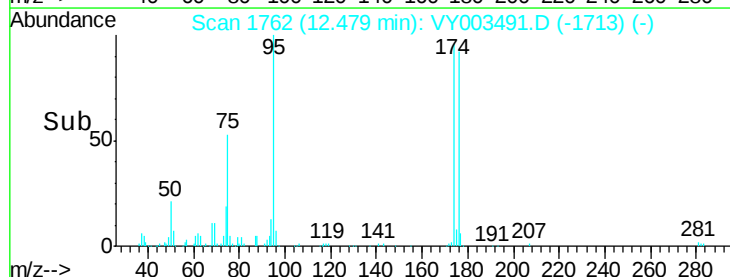
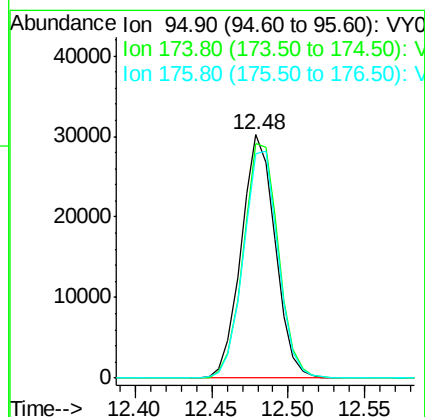
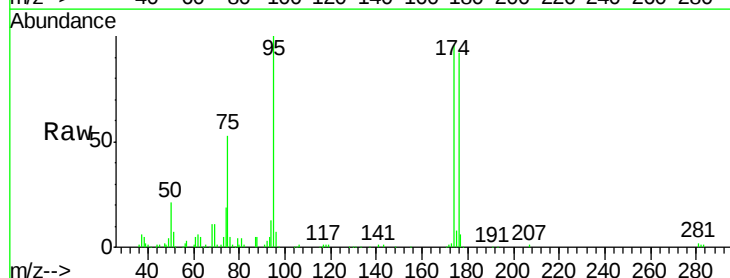
Tgt Ion: 95 Resp: 46464

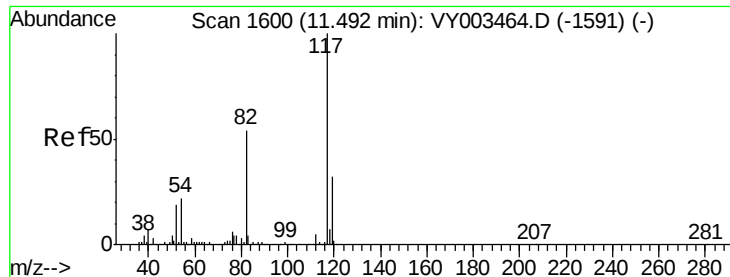
Ion Ratio Lower Upper

95 100

174 99.4 0.0 193.0

176 95.3 0.0 187.4

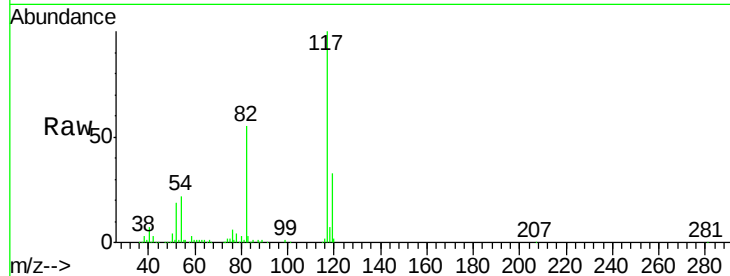




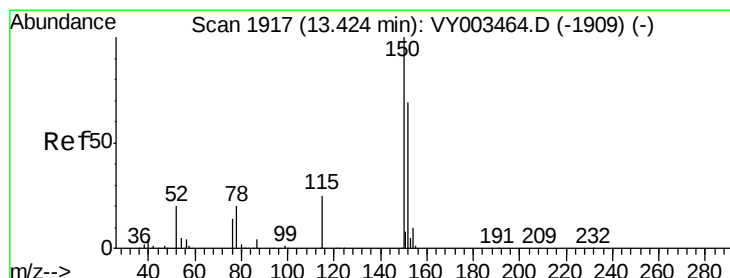
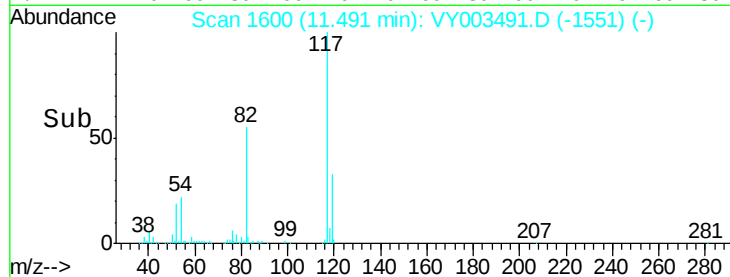
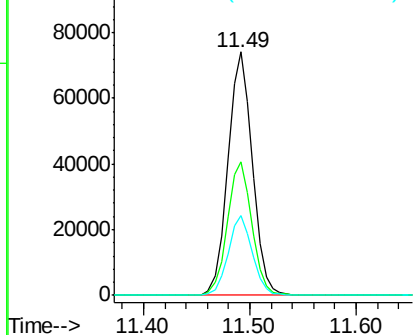
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003491.D
Acq: 03 Nov 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
CRT-23

Tot Ion:117 Resp: 119141
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.2
119 32.7 25.8 38.6

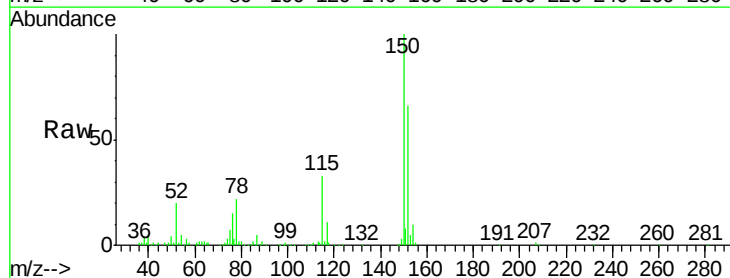


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003491.D
Acq: 03 Nov 2020 14:47

Tgt Ion:152 Resp: 52657
Ion Ratio Lower Upper
152 100
115 52.2 27.5 82.4
150 151.9 0.0 345.8



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

