

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000721.D
 Acq On : 18 Nov 2019 13:07
 Operator : SY/MD
 Sample : K5861-18
 Misc : 4.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-15

Quant Time: Nov 18 13:45:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	10775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	20549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	18464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	7855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	8590	77.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.08%	
35) Dibromofluoromethane	7.72	113	5030	41.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.40%	
50) Toluene-d8	10.18	98	24611	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.49	95	7894	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	

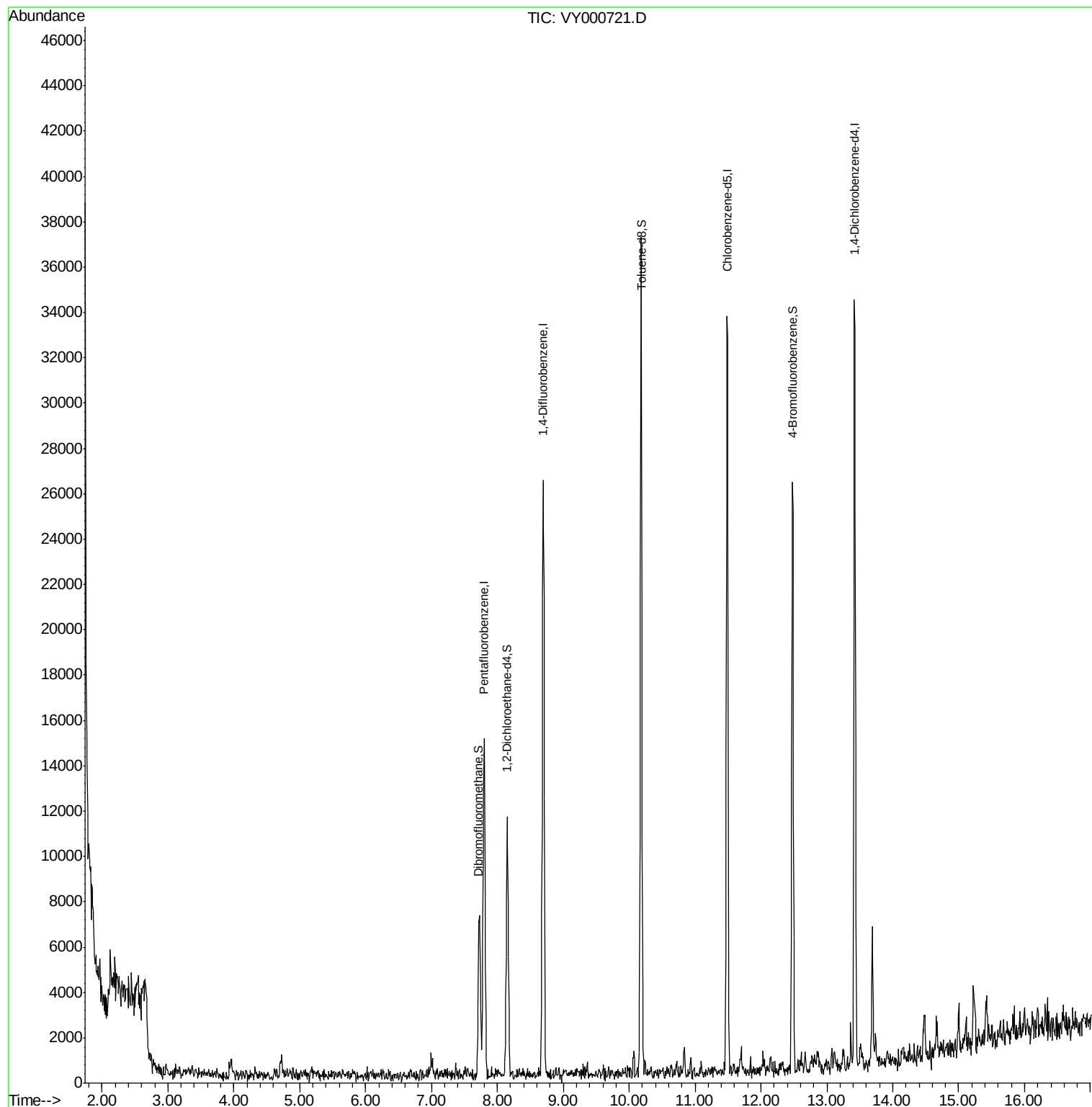
Target Compounds Qvalue

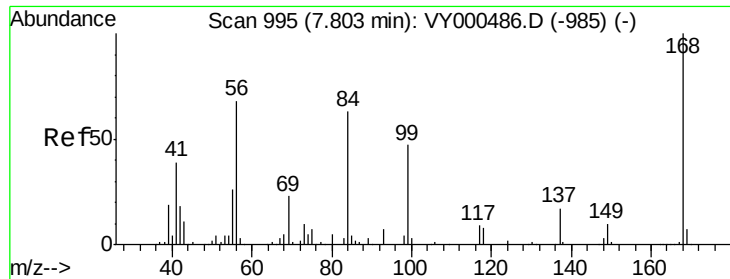
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

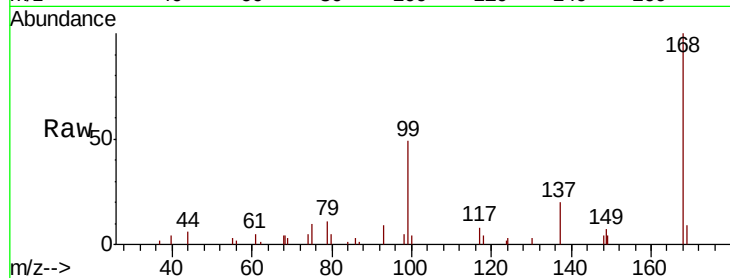
EP-15

Tot Ion:168 Resp: 10775

Ion Ratio Lower Upper

168 100

99 48.8 45.7 68.5

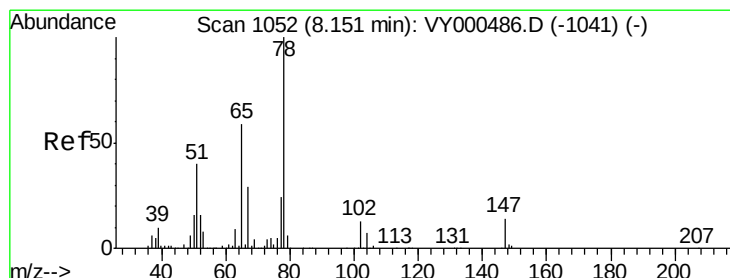
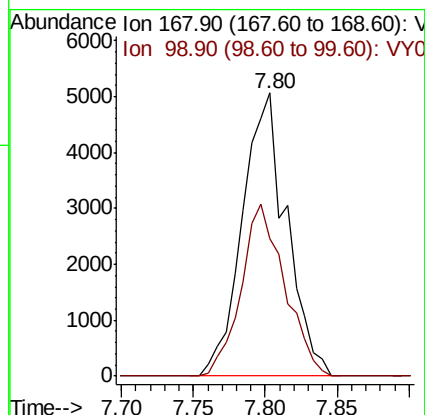
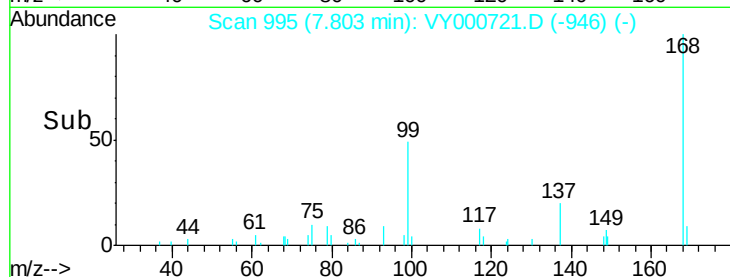


Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 77.035 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000721.D

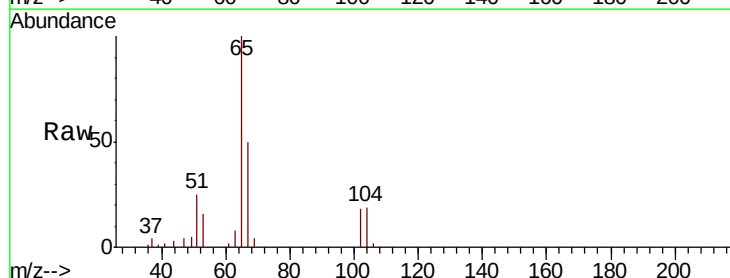
Acq: 18 Nov 2019 13:07

Tgt Ion: 65 Resp: 8590

Ion Ratio Lower Upper

65 100

67 50.1 0.0 107.2

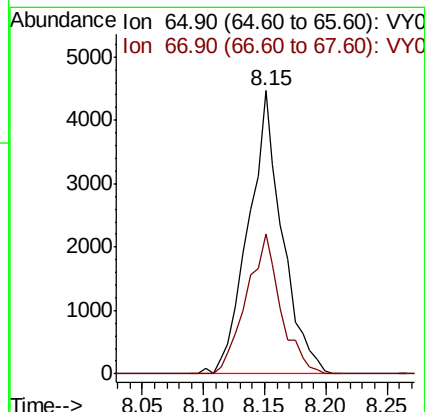
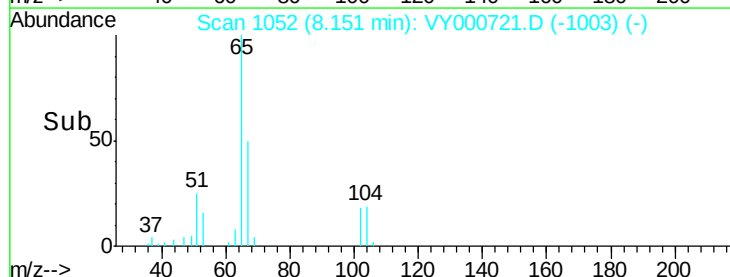


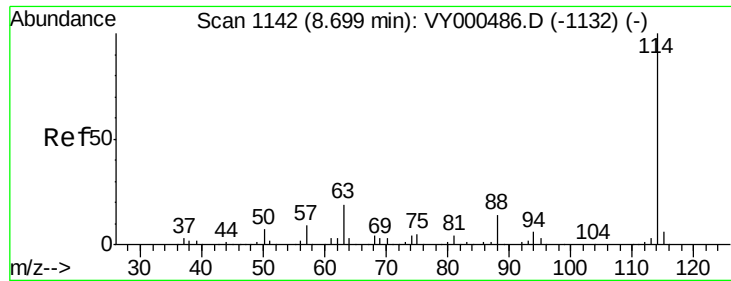
Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.15

Time-->

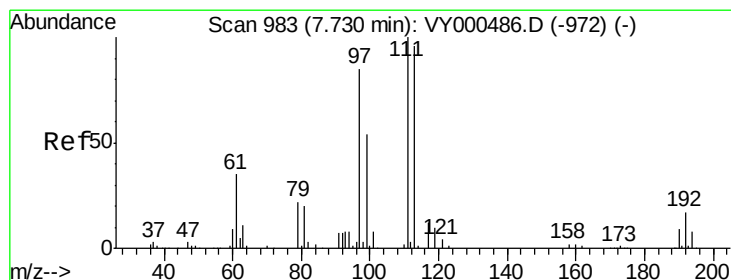
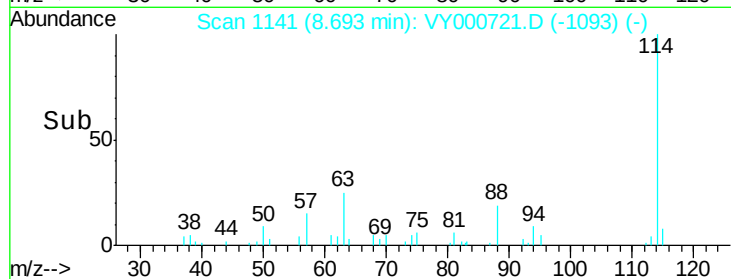
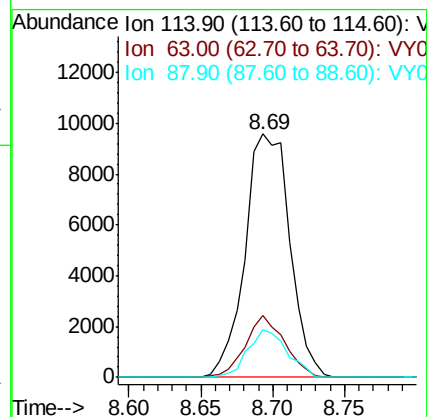
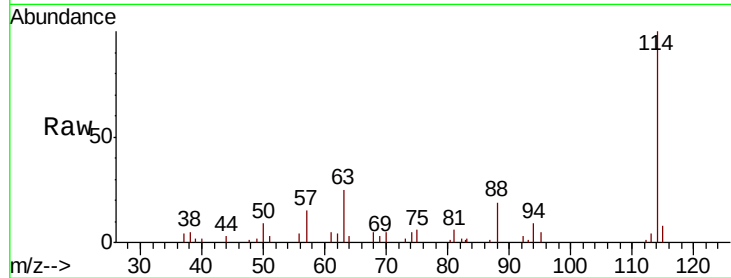




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

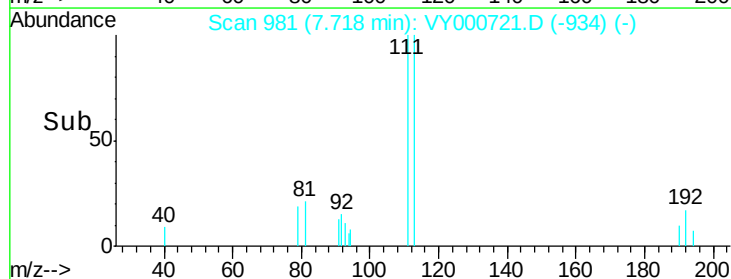
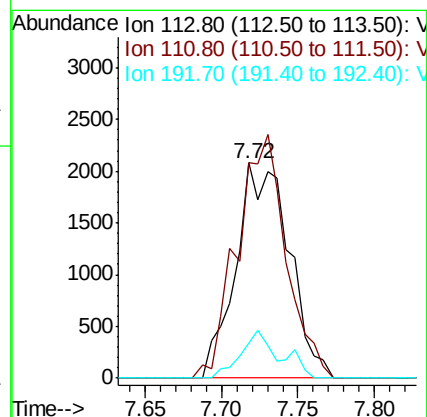
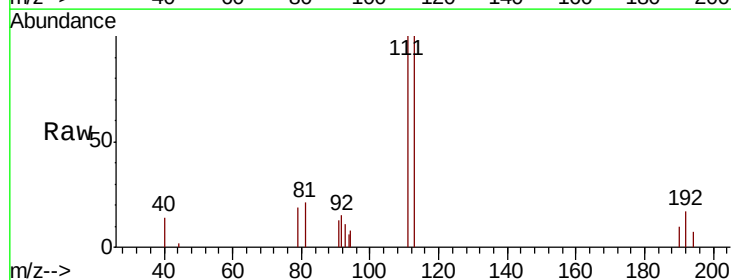
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-15

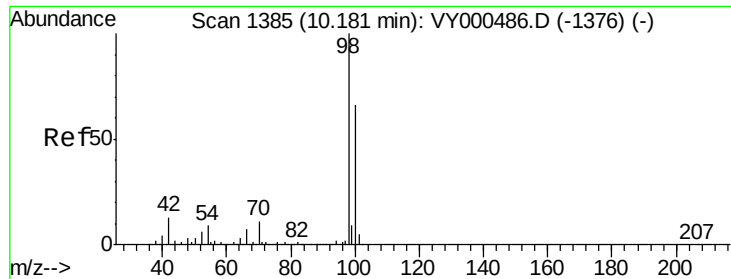
Tot Ion:114 Resp: 20549
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 38.0
 88 19.4 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 41.696 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY000721.D
 Acq: 18 Nov 2019 13:07

Tgt Ion:113 Resp: 5030
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 16.1 15.0 22.4





#50

Toluene-d8

Concen: 53.765 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

Instrument :

MSVOA_Y

ClientSampled :

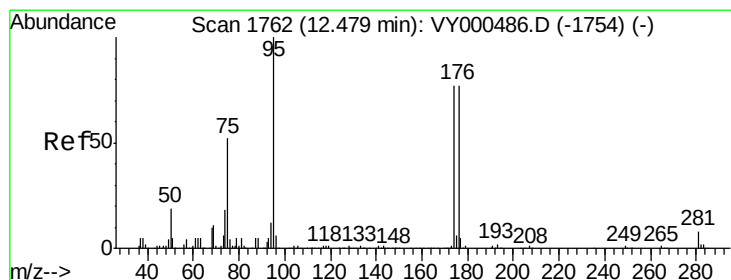
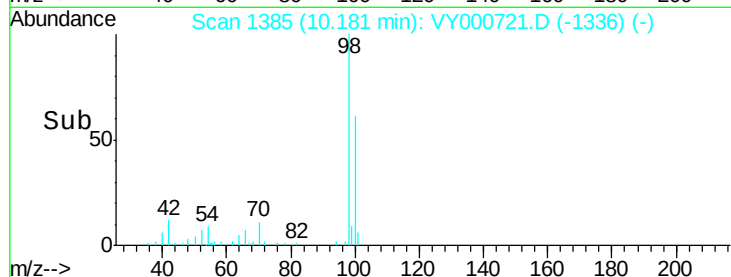
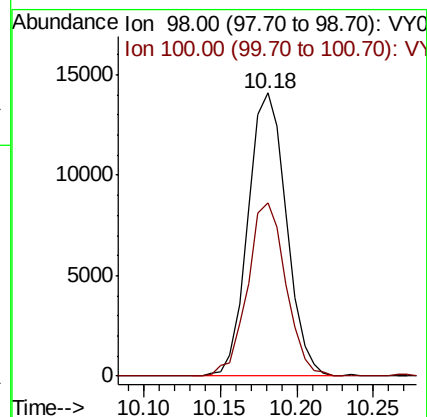
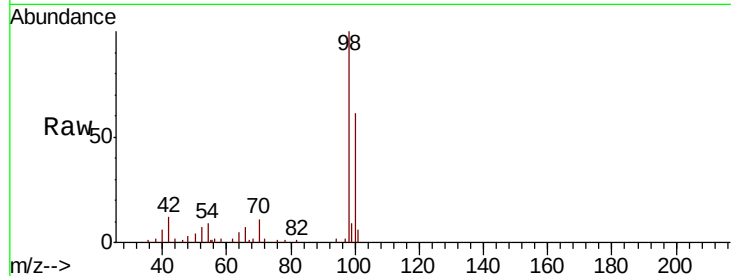
EP-15

Tot Ion: 98 Resp: 24611

Ion Ratio Lower Upper

98 100

100 61.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.299 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY000721.D

Acq: 18 Nov 2019 13:07

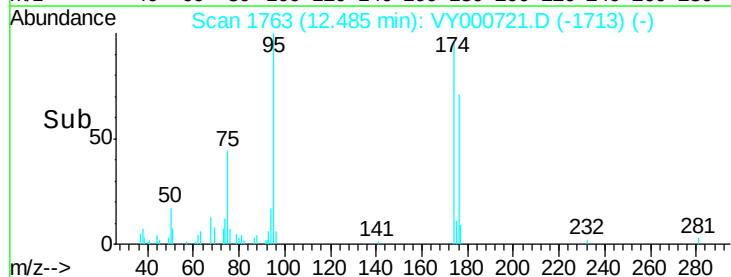
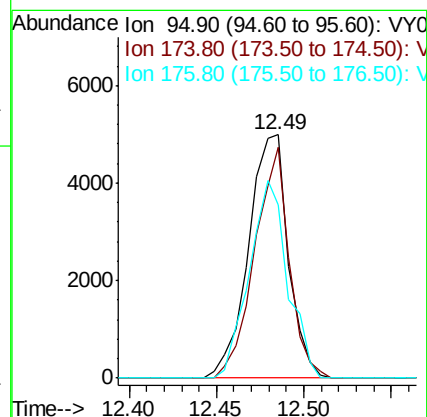
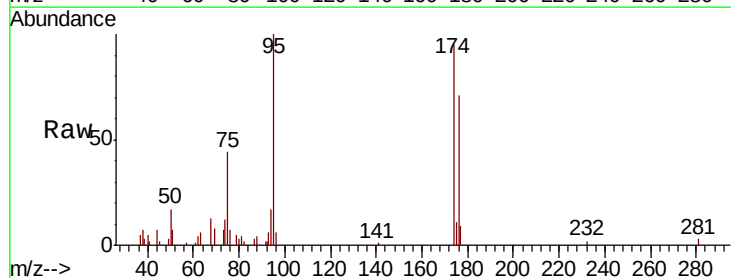
Tgt Ion: 95 Resp: 7894

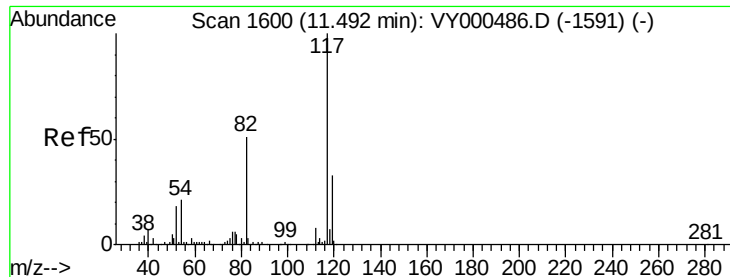
Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

176 78.3 0.0 157.8

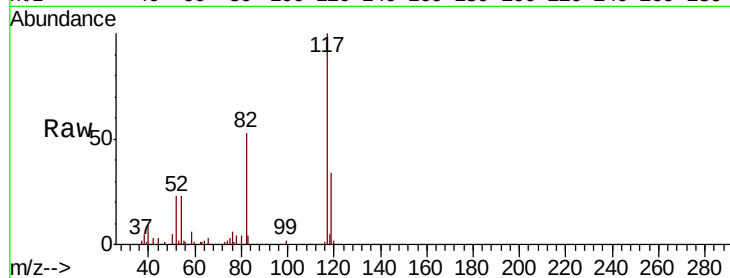




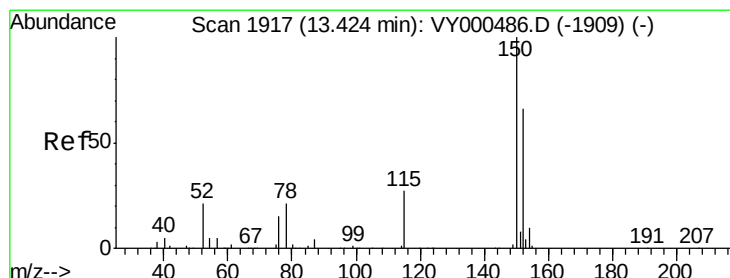
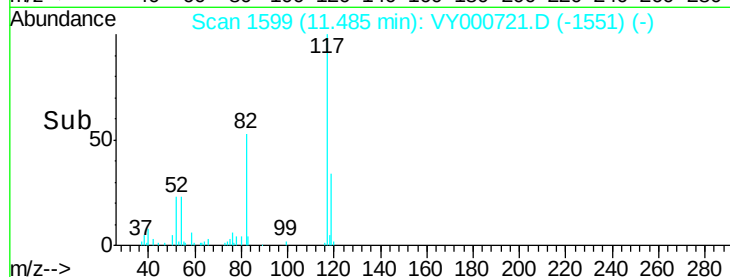
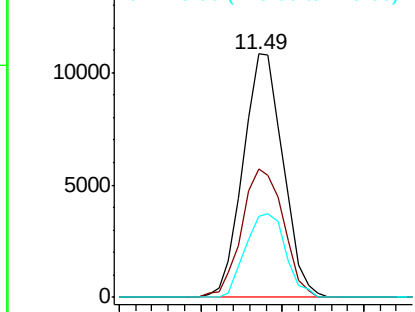
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Instrument :
MSVOA_Y
ClientSampleId :
EP-15

Tot Ion:117 Resp: 18464
Ion Ratio Lower Upper
117 100
82 52.7 40.8 61.2
119 33.5 26.2 39.2

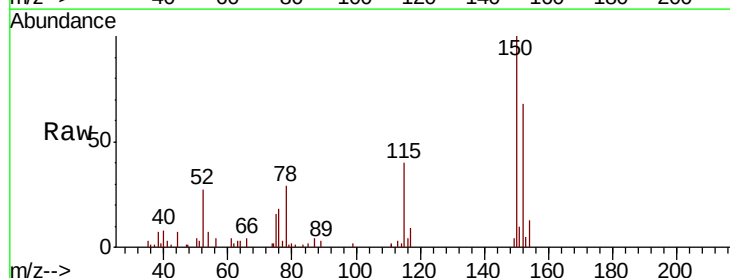


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000721.D
Acq: 18 Nov 2019 13:07

Tgt Ion:152 Resp: 7855
Ion Ratio Lower Upper
152 100
115 62.5 29.1 87.4
150 161.0 0.0 348.8



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

