

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000702.D
 Acq On : 15 Nov 2019 15:36
 Operator : SY/MD
 Sample : K5861-10
 Misc : 5.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-10

Quant Time: Nov 16 03:12:45 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	187366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	352128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	329950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159011	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123860	63.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.76%	
35) Dibromofluoromethane	7.73	113	106173	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.18	98	409696	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.48	95	150143	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

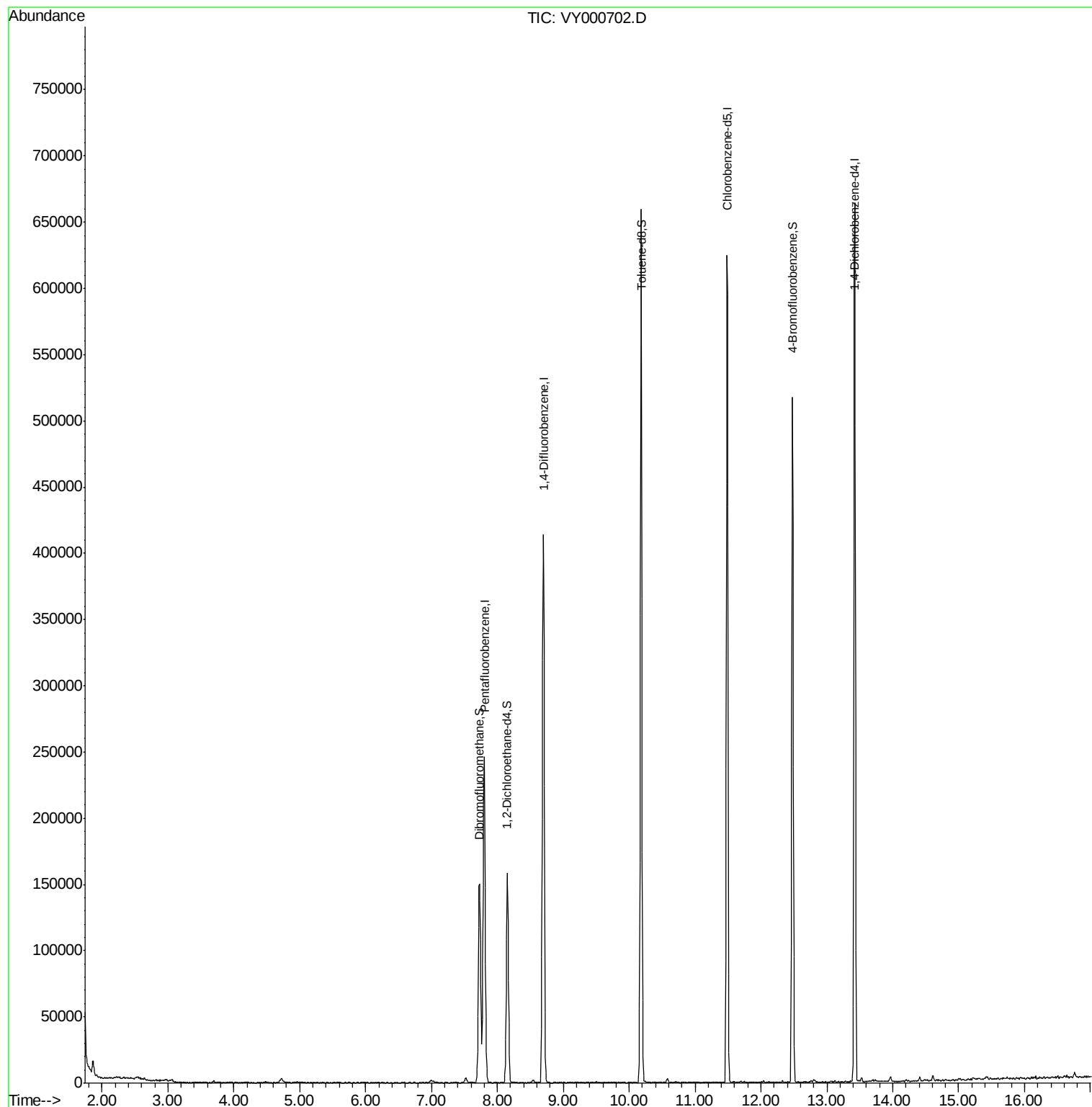
Target Compounds	Qvalue
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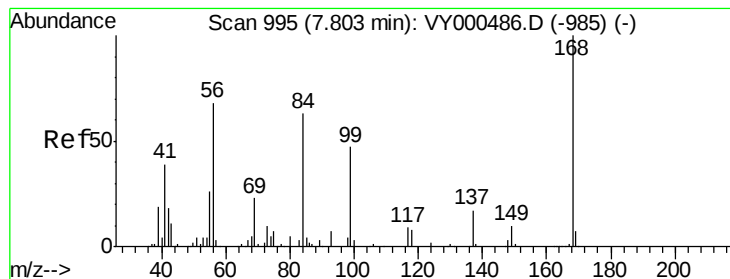
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampled :

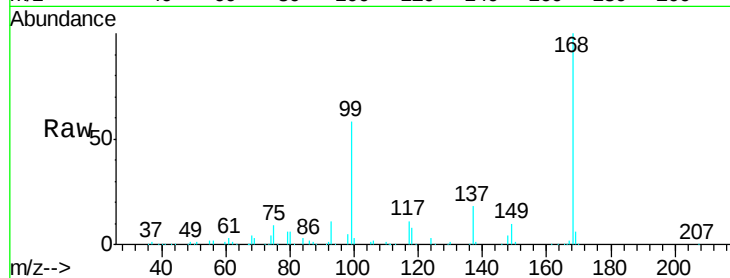
EP-10

Tgt Ion:168 Resp: 187366

Ion Ratio Lower Upper

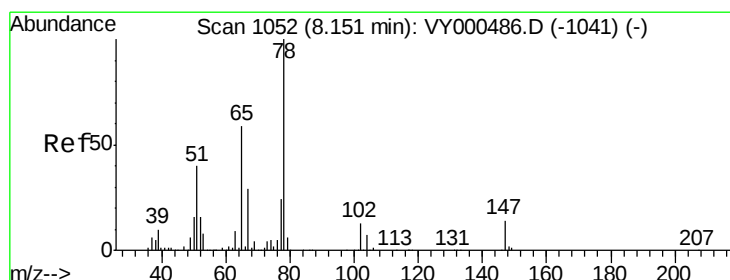
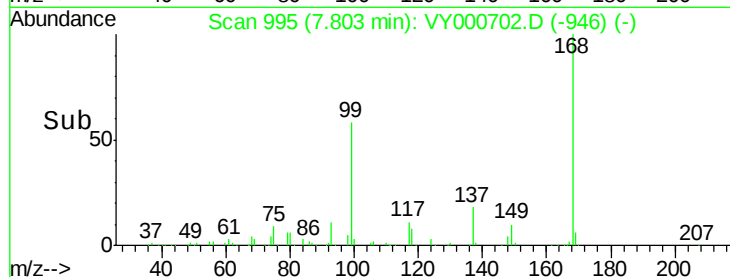
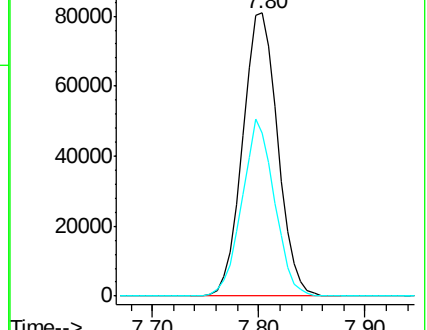
168 100

99 57.7 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 63.879 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000702.D

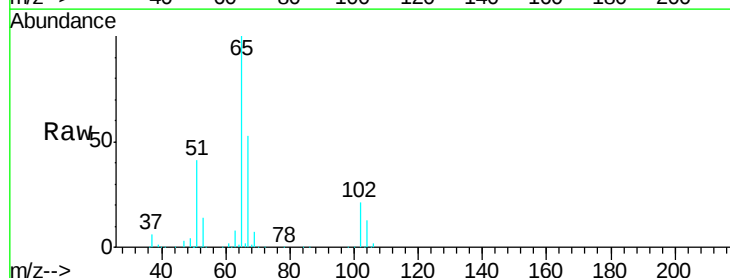
Acq: 15 Nov 2019 15:36

Tgt Ion: 65 Resp: 123860

Ion Ratio Lower Upper

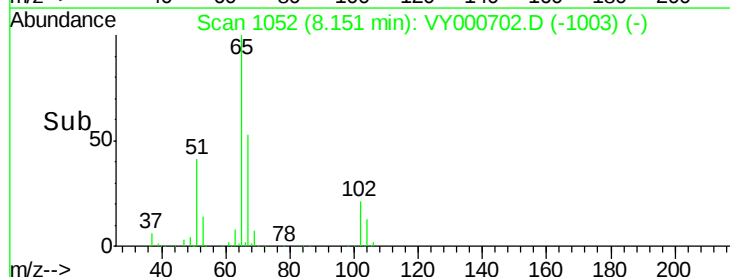
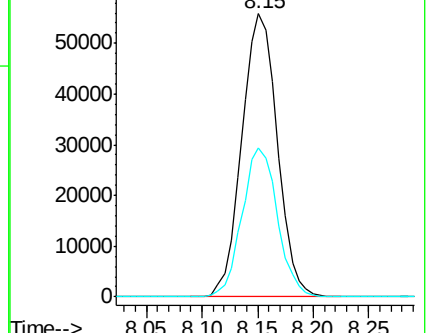
65 100

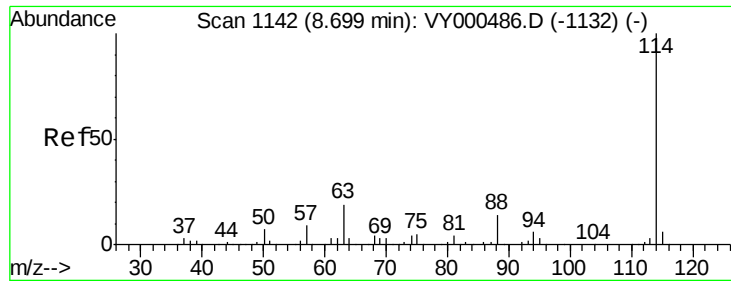
67 52.4 0.0 107.2



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

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

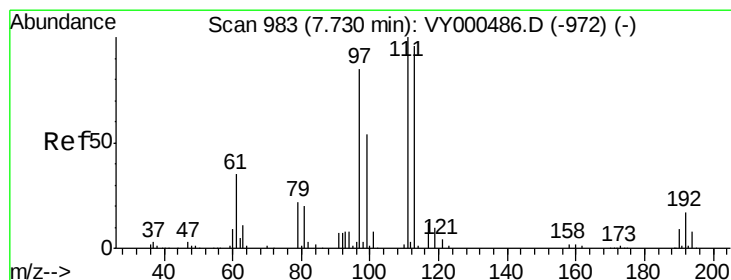
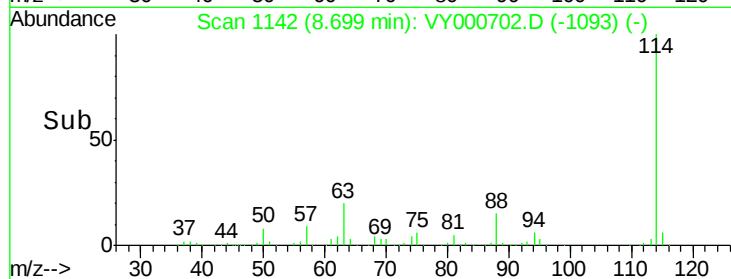
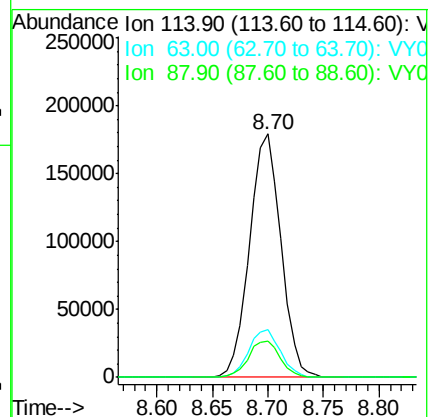
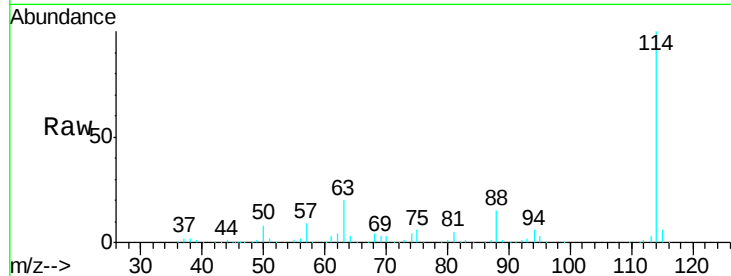




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

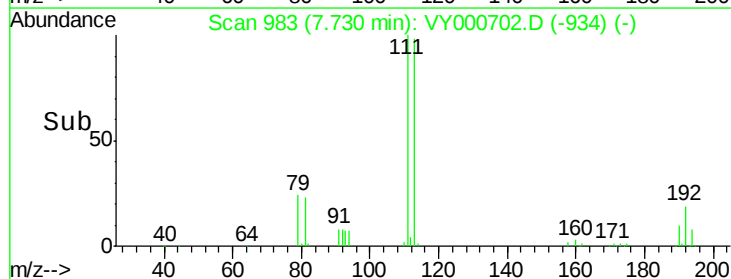
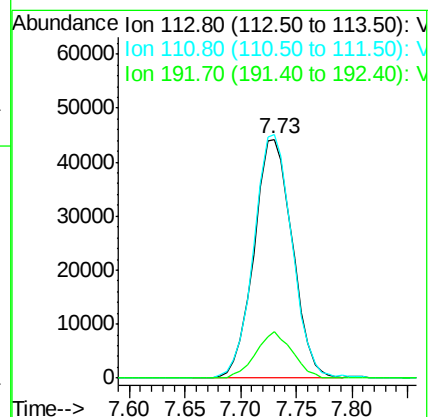
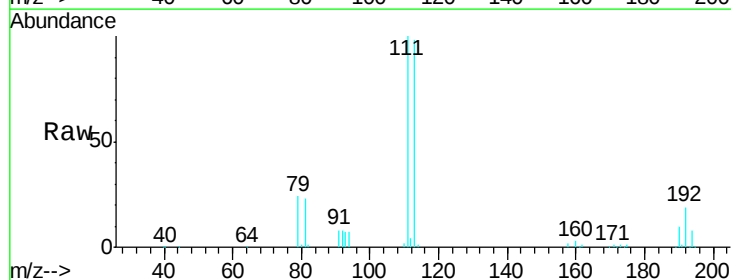
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-10

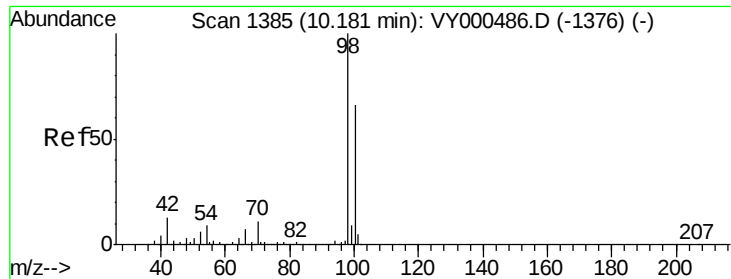
Tgt Ion:114 Resp: 352128
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.0
 88 15.0 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 51.360 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000702.D
 Acq: 15 Nov 2019 15:36

Tgt Ion:113 Resp: 106173
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.7 122.5
 192 18.6 15.0 22.4





#50

Toluene-d8

Concen: 52.231 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampled :

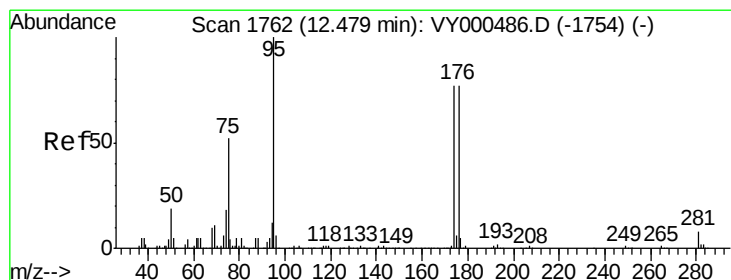
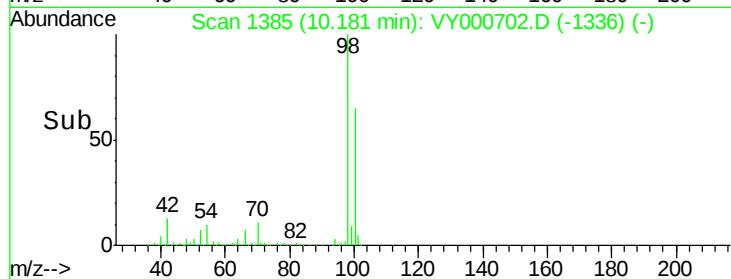
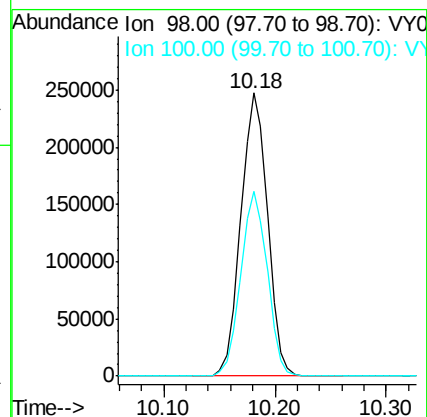
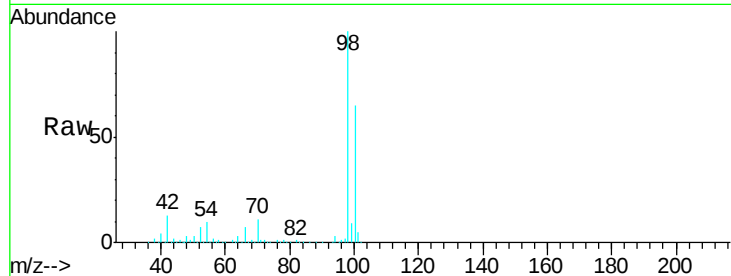
EP-10

Tgt Ion: 98 Resp: 409696

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 50.280 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000702.D

Acq: 15 Nov 2019 15:36

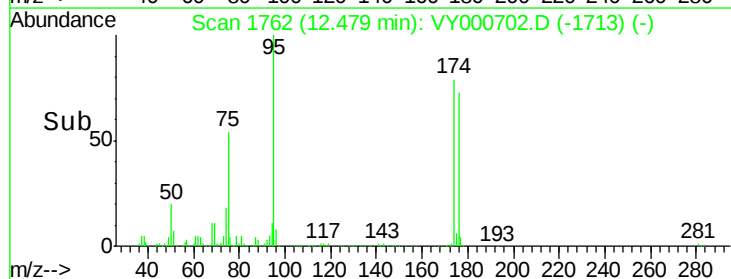
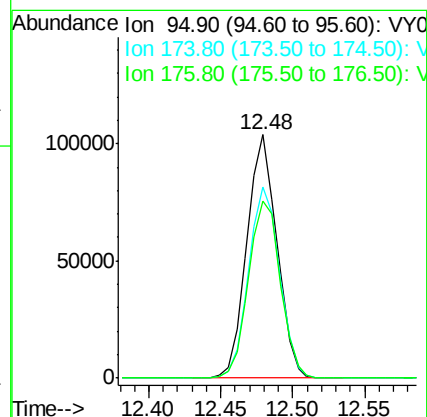
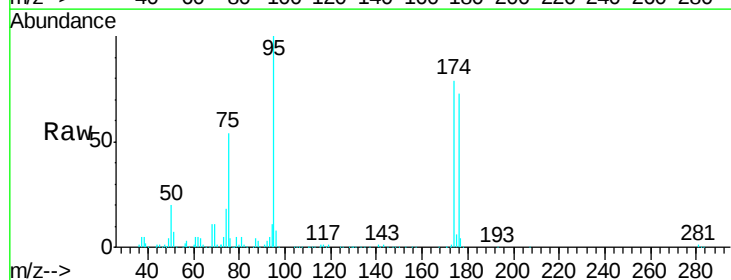
Tgt Ion: 95 Resp: 150143

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 76.8 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: VY000702.D

Acq: 15 Nov 2019 15:36

Instrument :

MSVOA_Y

ClientSampled :

EP-10

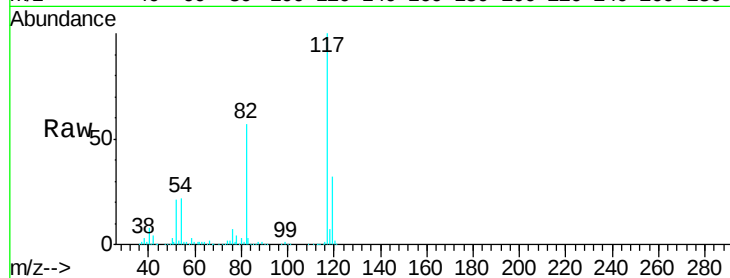
Tgt Ion:117 Resp: 329950

Ion Ratio Lower Upper

117 100

82 57.2 40.8 61.2

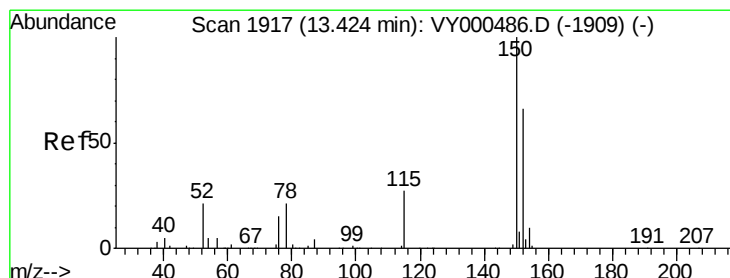
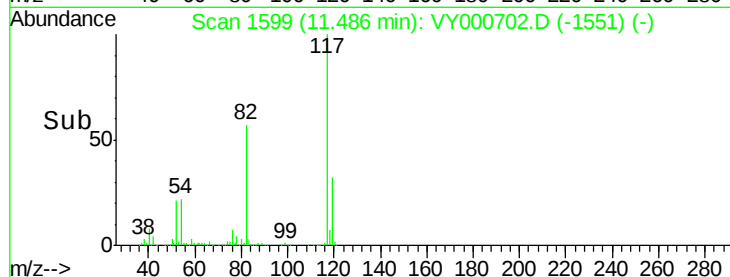
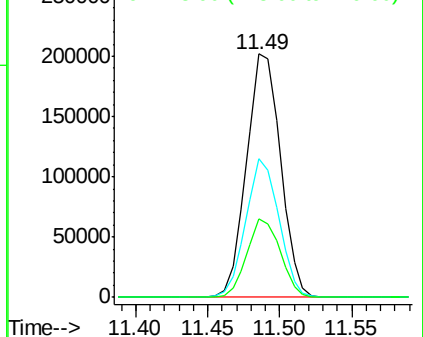
119 32.0 26.2 39.2



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: VY000702.D

Acq: 15 Nov 2019 15:36

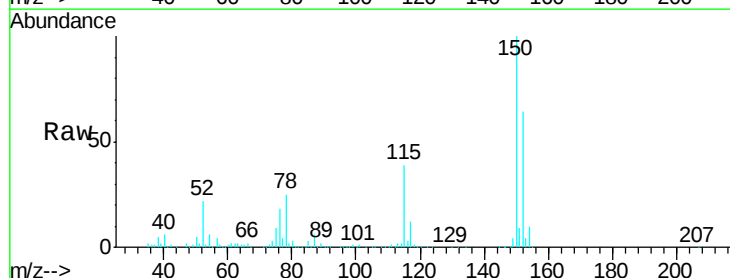
Tgt Ion:152 Resp: 159011

Ion Ratio Lower Upper

152 100

115 60.3 29.1 87.4

150 156.4 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

