

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000985.D
 Acq On : 17 Dec 2019 17:41
 Operator : SY/MD
 Sample : K6357-15
 Misc : 5.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

Quant Time: Dec 19 07:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

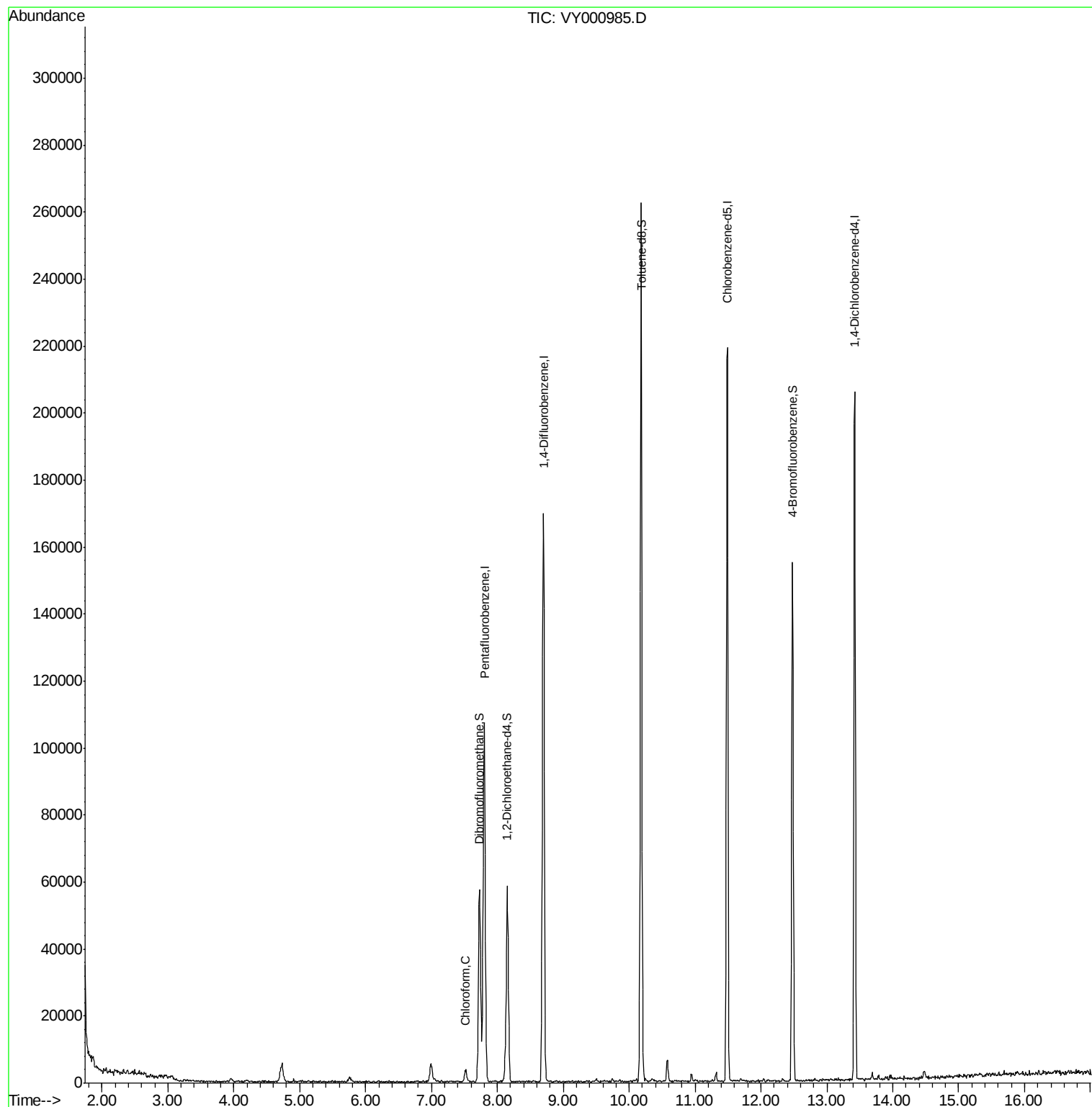
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	82416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	144666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	120617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	50255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	40758	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	7.73	113	41432	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.18	98	168367	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	47307	37.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.74%	
Target Compounds						
30) Chloroform	7.51	83	3313	1.882	ug/l	Qvalue 100

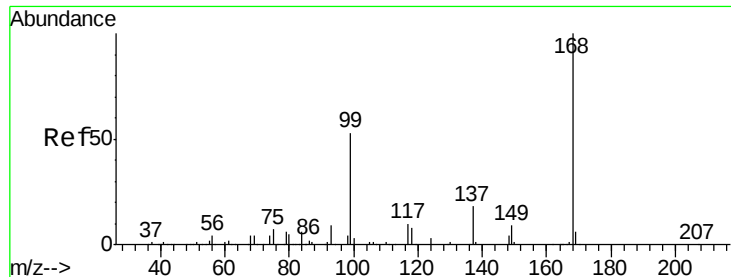
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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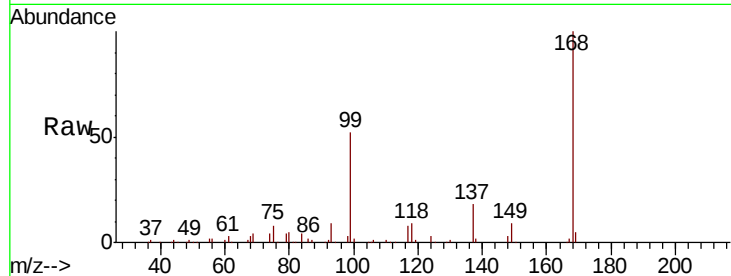


#1

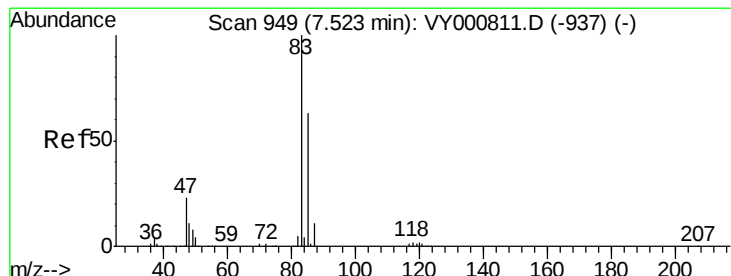
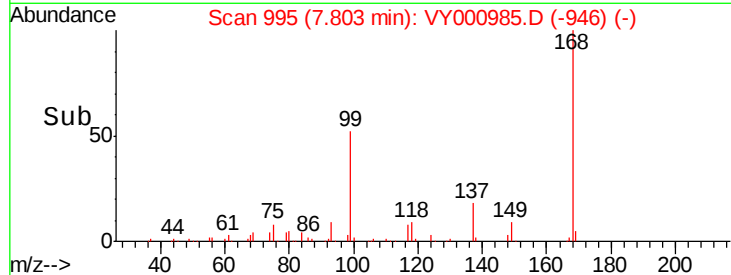
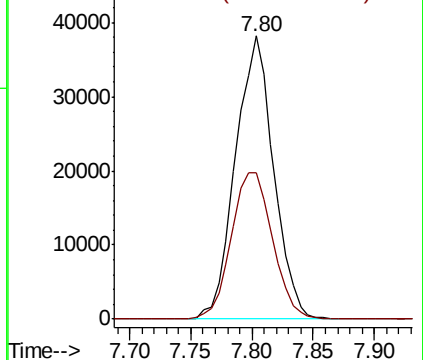
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Instrument :
 MSVOA_Y
 ClientSampled :
 PF-J

Tot Ion:168 Resp: 82416
 Ion Ratio Lower Upper
 168 100
 99 51.7 45.0 67.6



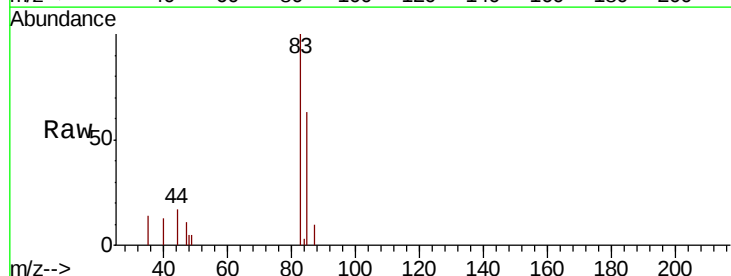
Abundance Ion 167.90 (167.60 to 168.60): VY000985.D (-946) (-)
 Ion 98.90 (98.60 to 99.60): VY000985.D (-946) (-)



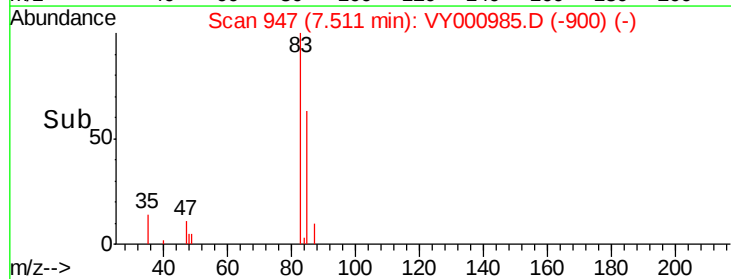
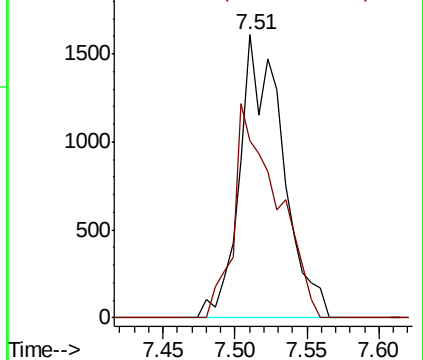
#30

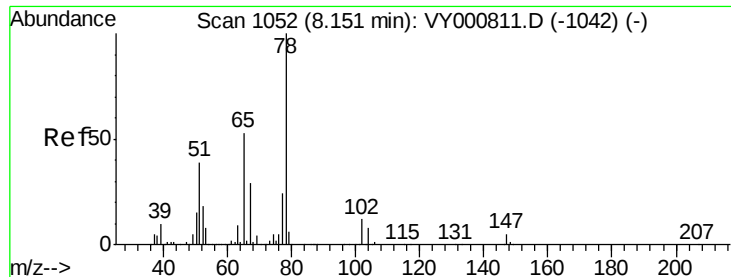
Chloroform
 Concen: 1.882 ug/l
 RT: 7.51 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Tgt Ion: 83 Resp: 3313
 Ion Ratio Lower Upper
 83 100
 85 62.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY000985.D (-900) (-)
 Ion 84.90 (84.60 to 85.60): VY000985.D (-900) (-)

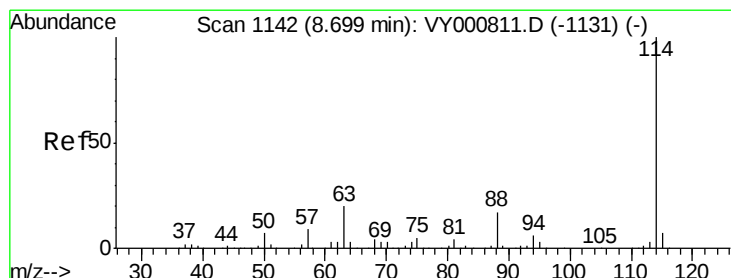
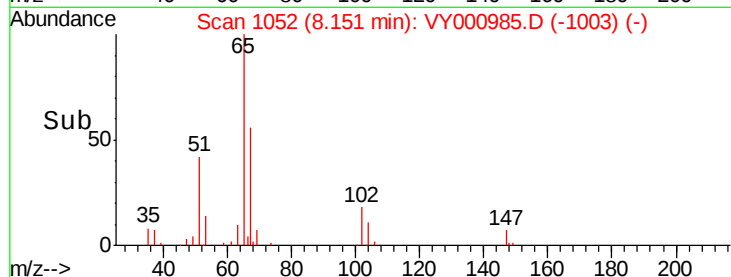
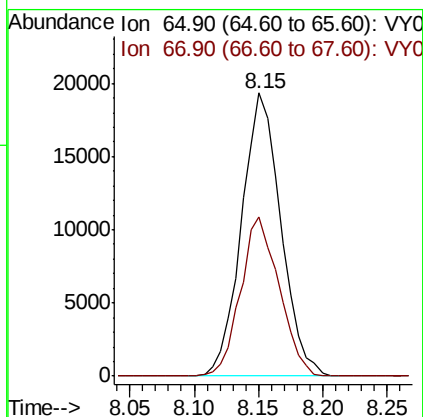
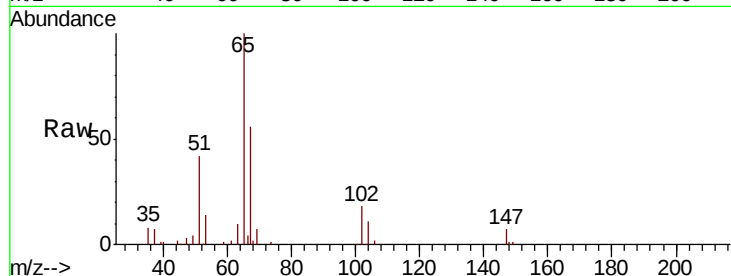




#33
 1,2-Dichloroethane-d4
 Concen: 46.541 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

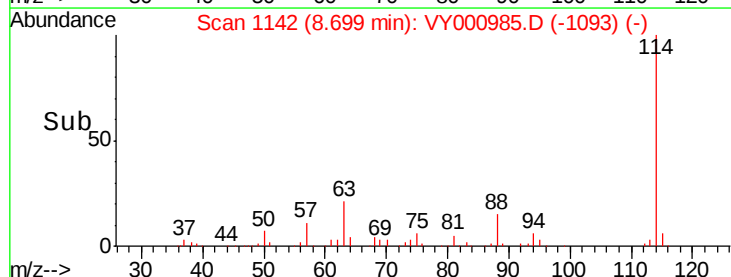
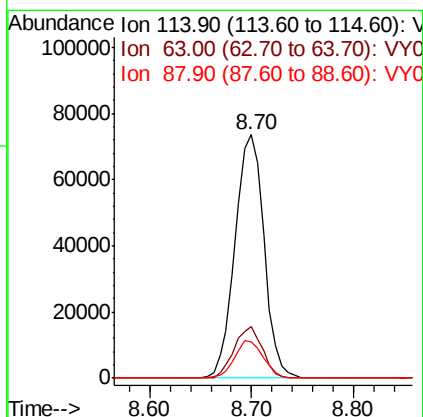
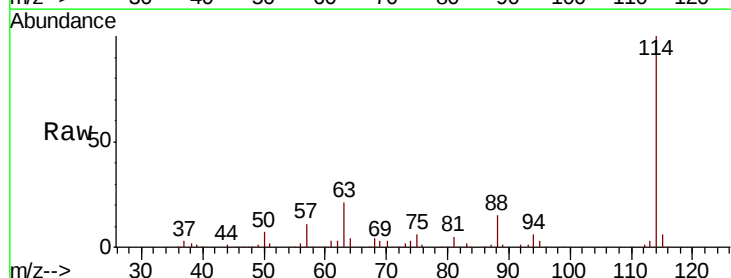
Instrument :
 MSVOA_Y
 ClientSampled :
 PF-J

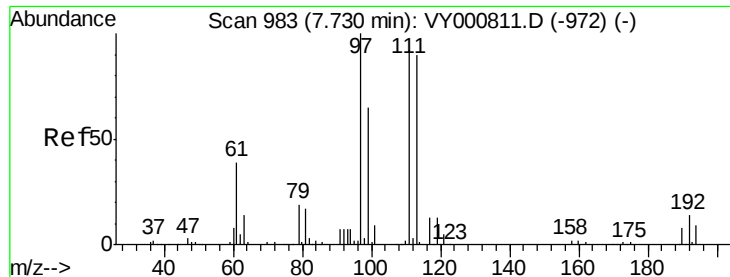
Tot Ion: 65 Resp: 40758
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Tgt Ion: 114 Resp: 144666
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.8
 88 15.0 0.0 33.2

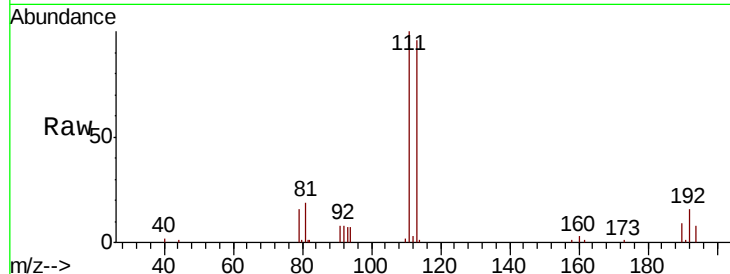




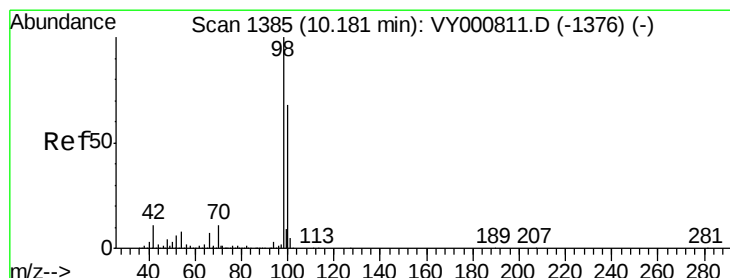
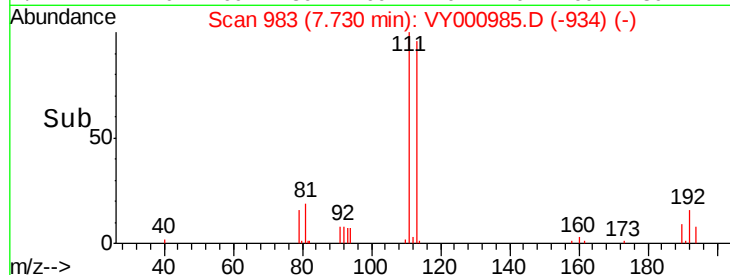
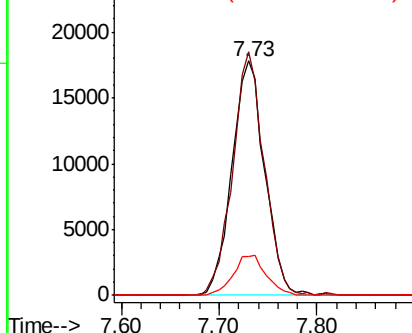
#35
 Dibromofluoromethane
 Concen: 49.142 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-J

Tot Ion:113 Resp: 41432
 Ion Ratio Lower Upper
 113 100
 111 99.9 82.4 123.6
 192 17.2 14.2 21.2

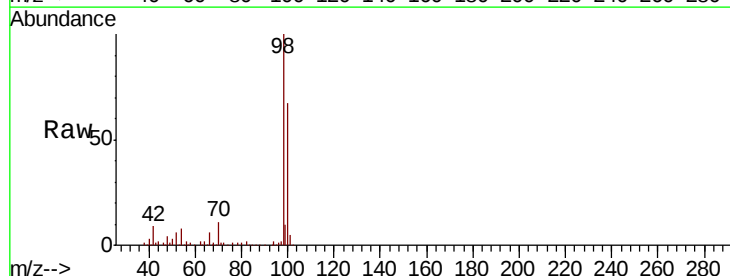


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

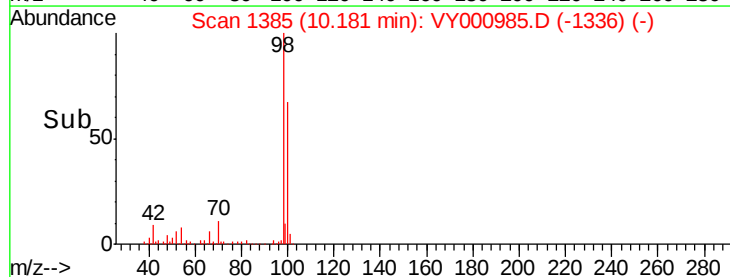
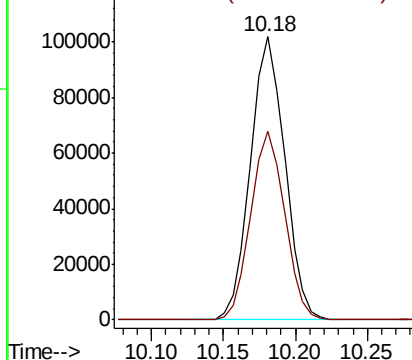


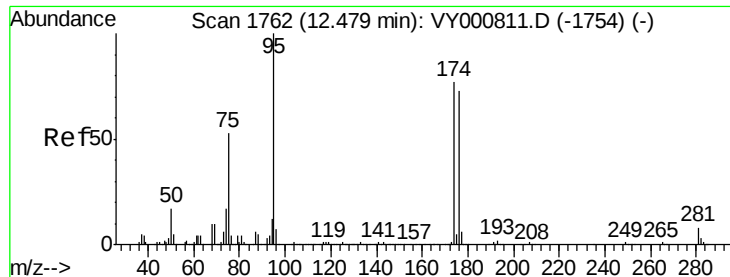
#50
 Toluene-d8
 Concen: 49.950 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000985.D
 Acq: 17 Dec 2019 17:41

Tgt Ion: 98 Resp: 168367
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

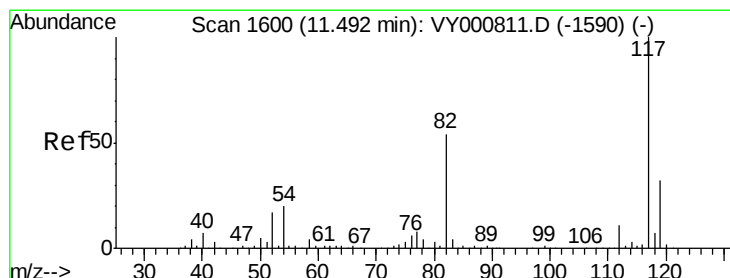
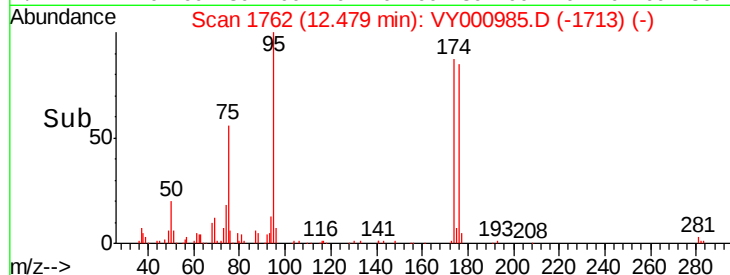
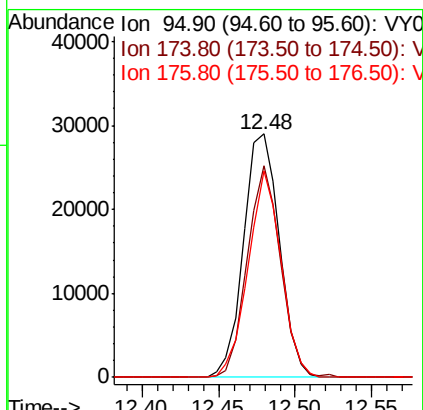
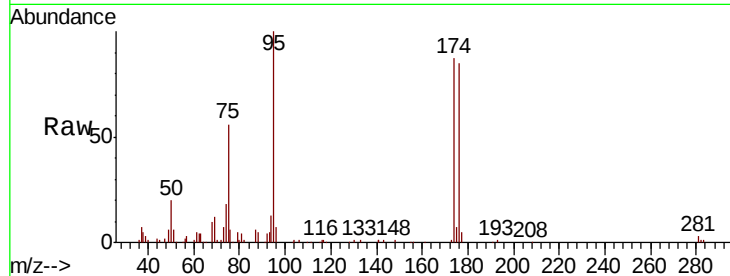




#62
4-Bromofluorobenzene
Concen: 37.371 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

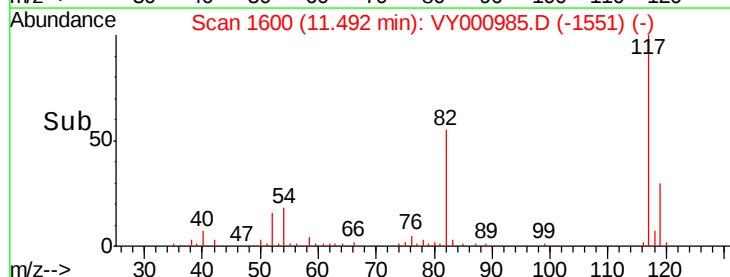
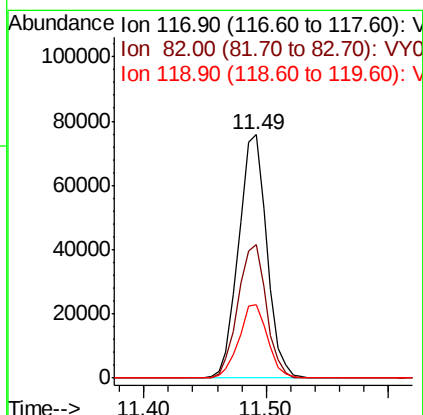
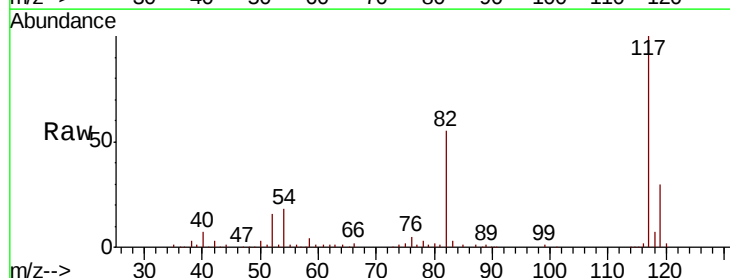
Instrument :
MSVOA_Y
ClientSampleId :
PF-J

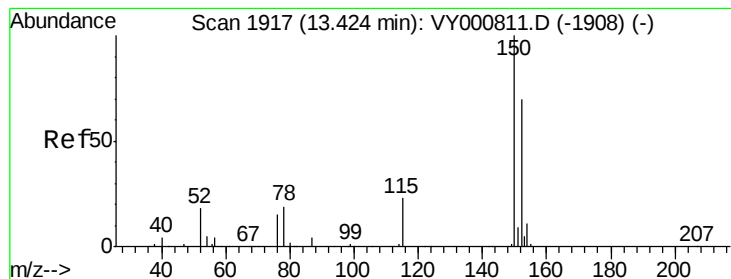
Tot Ion: 95 Resp: 47307
Ion Ratio Lower Upper
95 100
174 80.6 0.0 150.6
176 78.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000985.D
Acq: 17 Dec 2019 17:41

Tgt Ion: 117 Resp: 120617
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 30.1 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000985.D

Acq: 17 Dec 2019 17:41

Instrument :

MSVOA_Y

ClientSampleId :

PF-J

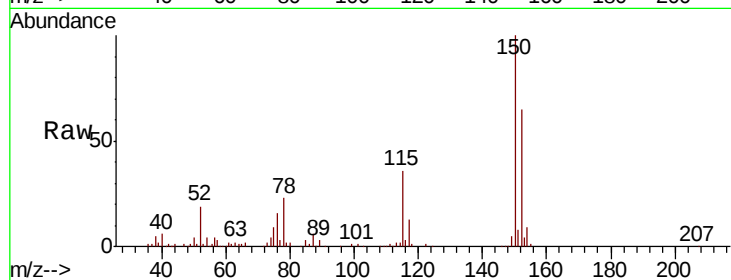
Tot Ion:152 Resp: 50255

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.8

150 160.2 0.0 351.2



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

