

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002295.D
 Acq On : 13 Apr 2020 20:52
 Operator : SY/MD
 Sample : L2224-02
 Misc : 6.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-009-ABCD

Quant Time: Apr 14 08:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	141789	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	118628	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	85489	54.22	ug/l	0.00
Spiked Amount						
			Recovery	=	108.44%	
35) Dibromofluoromethane	7.74	113	84442	50.03	ug/l	0.00
Spiked Amount						
			Recovery	=	100.06%	
50) Toluene-d8	10.19	98	341852	48.39	ug/l	0.00
Spiked Amount						
			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.49	95	116148	49.83	ug/l	0.00
Spiked Amount						
			Recovery	=	99.66%	

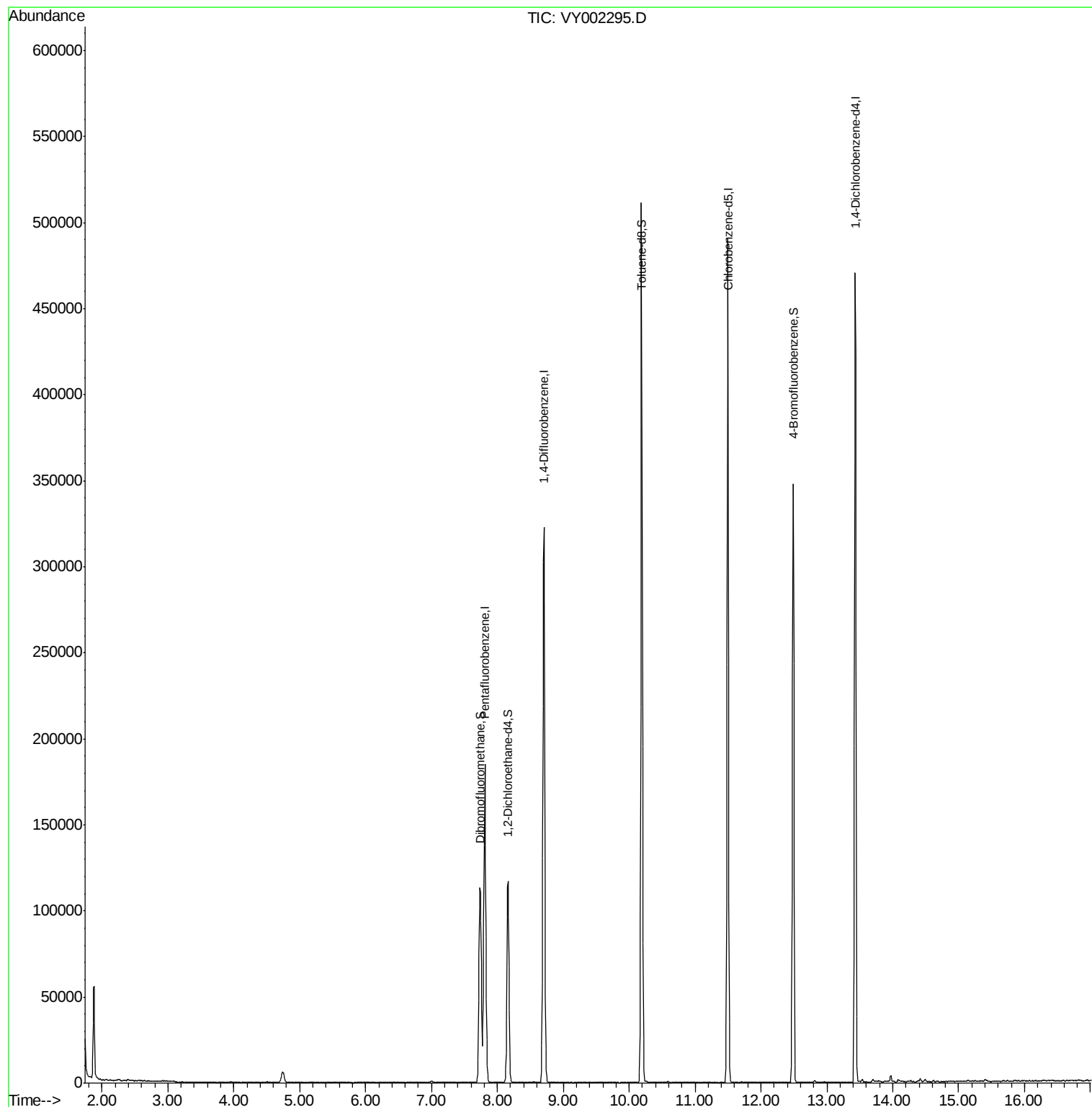
Target Compounds	Qvalue

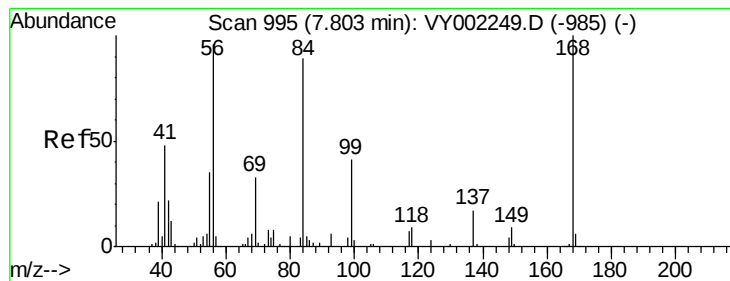
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

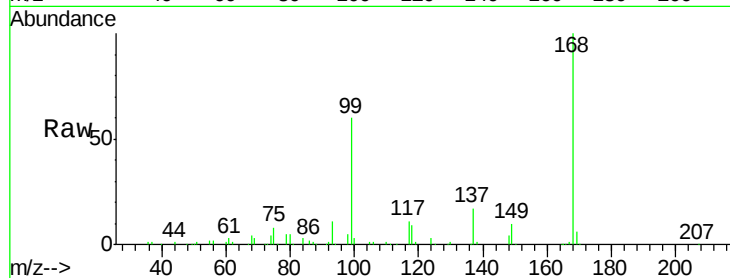
FK-BPM-04-009-ABCD

Tot Ion:168 Resp: 141789

Ion Ratio Lower Upper

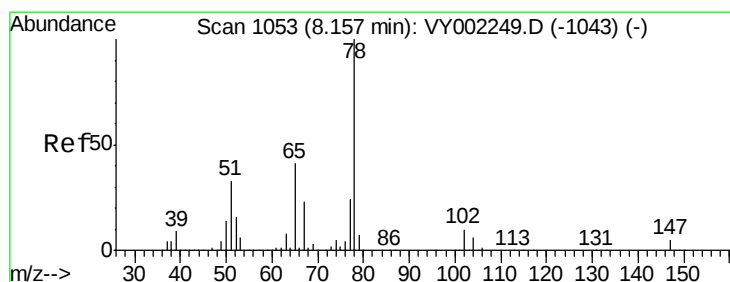
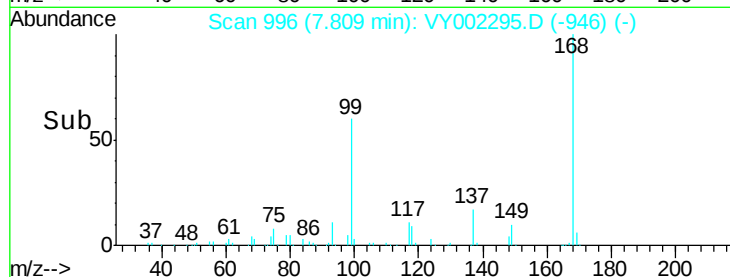
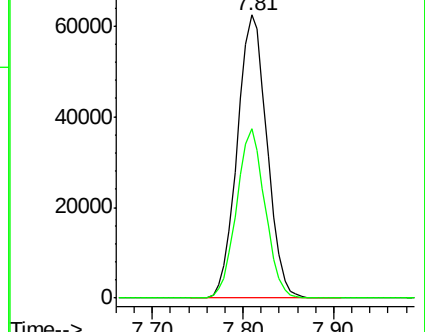
168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.217 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002295.D

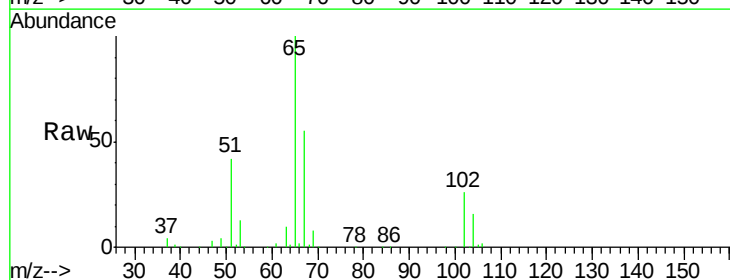
Acq: 13 Apr 2020 20:52

Tgt Ion: 65 Resp: 85489

Ion Ratio Lower Upper

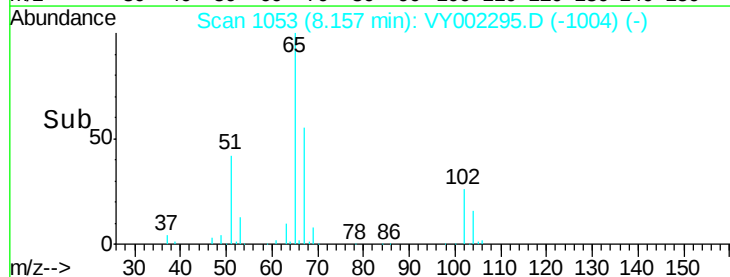
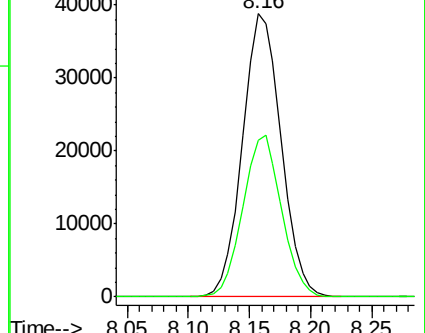
65 100

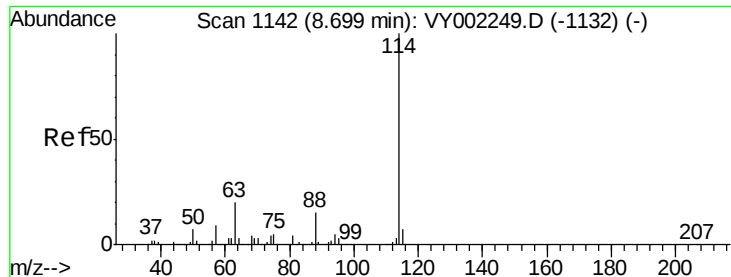
67 56.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

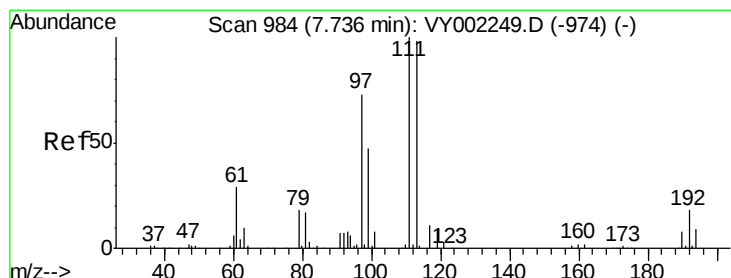
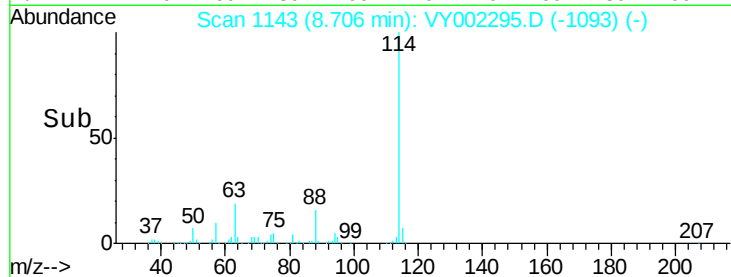
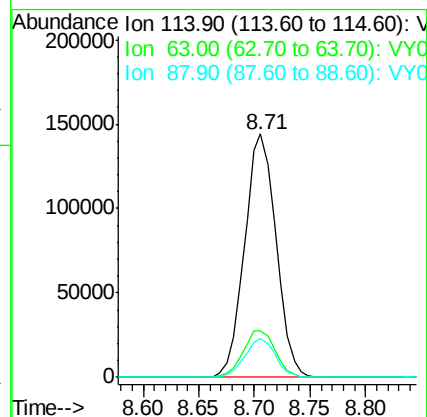
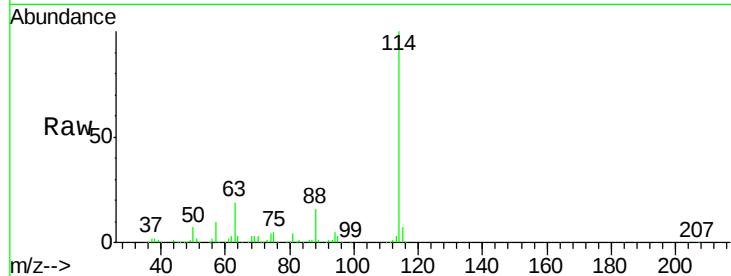




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002295.D
 Acq: 13 Apr 2020 20:52

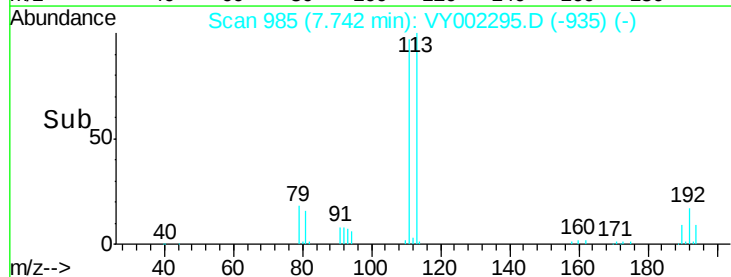
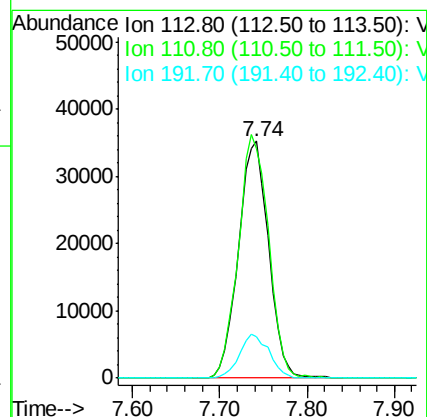
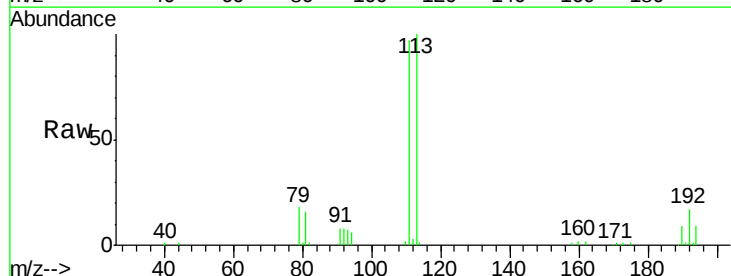
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-009-ABCD

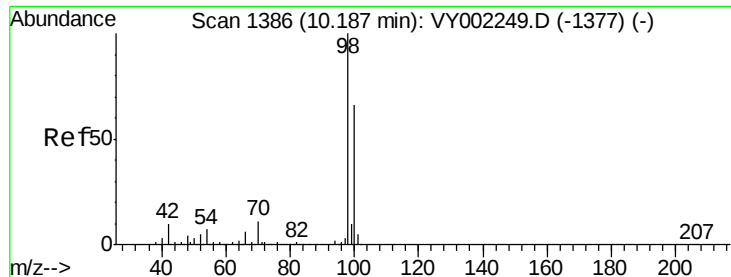
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.0
88	16.0	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 50.027 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002295.D
 Acq: 13 Apr 2020 20:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	18.2	14.7	22.1





#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

Instrument :

MSVOA_Y

ClientSampleId :

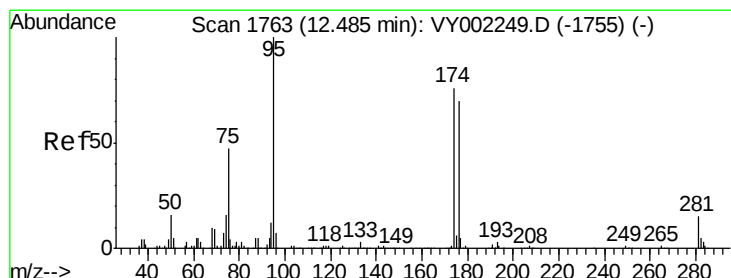
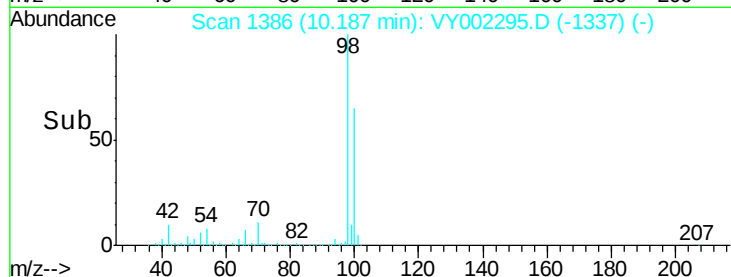
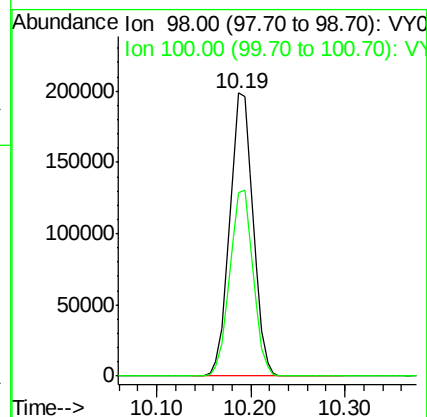
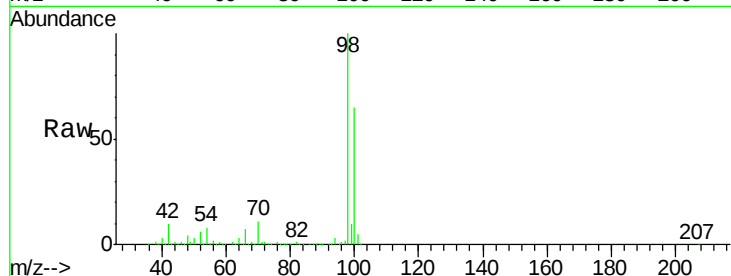
FK-BPM-04-009-ABCD

Tot Ion: 98 Resp: 341852

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 49.831 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002295.D

Acq: 13 Apr 2020 20:52

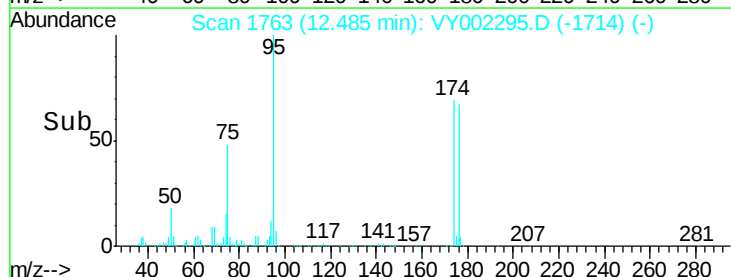
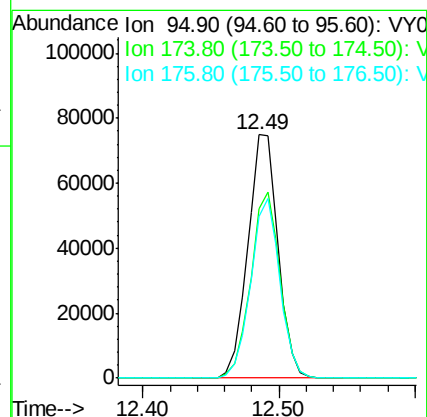
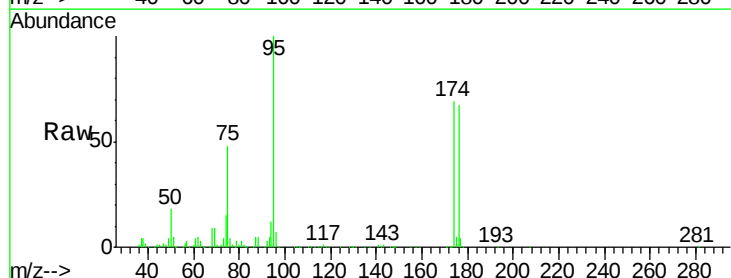
Tgt Ion: 95 Resp: 116148

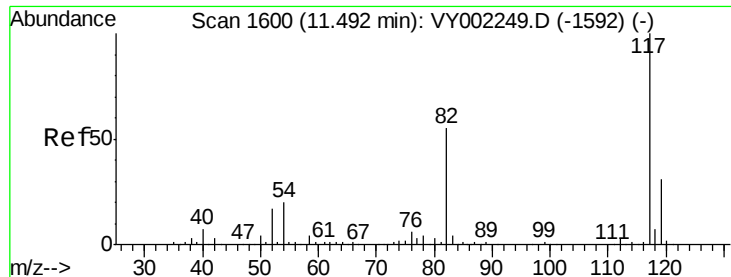
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 71.7 0.0 141.4

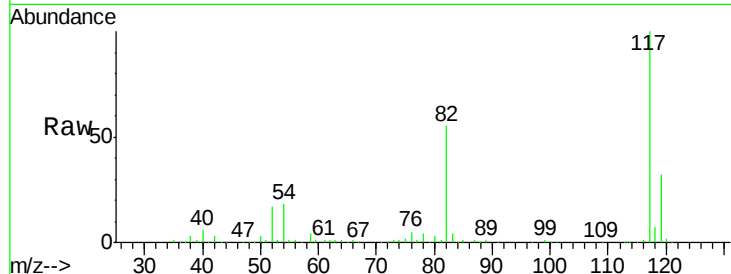




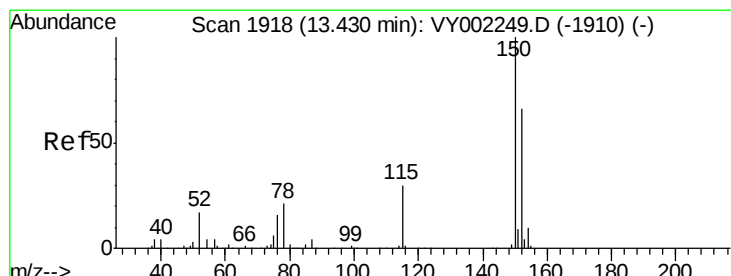
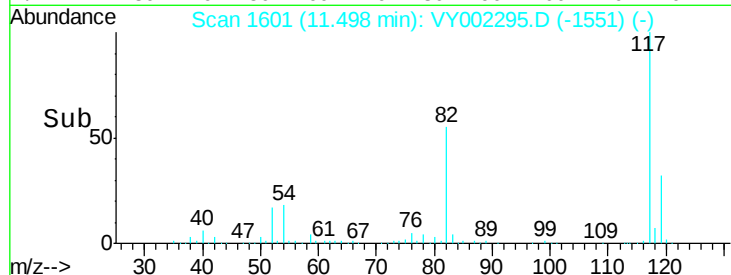
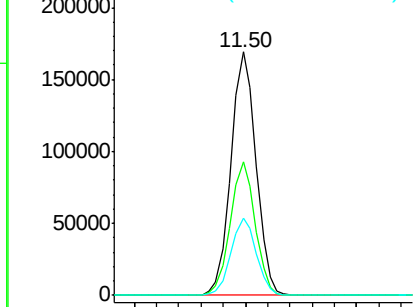
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-009-ABCD

Tot Ion:117 Resp: 263648
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 31.7 25.1 37.7

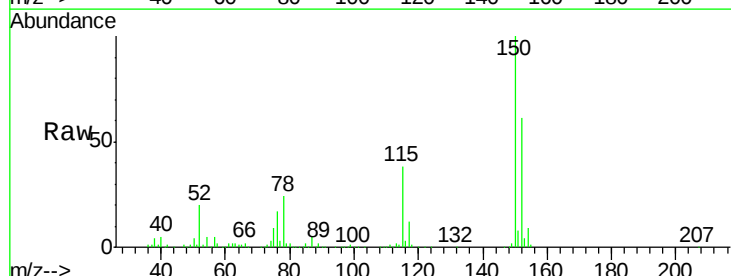


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002295.D
Acq: 13 Apr 2020 20:52

Tgt Ion:152 Resp: 118628
Ion Ratio Lower Upper
152 100
115 60.3 30.7 92.1
150 157.1 0.0 350.6



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

