

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003194.D
 Acq On : 14 Jul 2020 14:33
 Operator : SY/MD
 Sample : L3289-06
 Misc : 8.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IRON-2

Quant Time: Jul 15 05:31:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

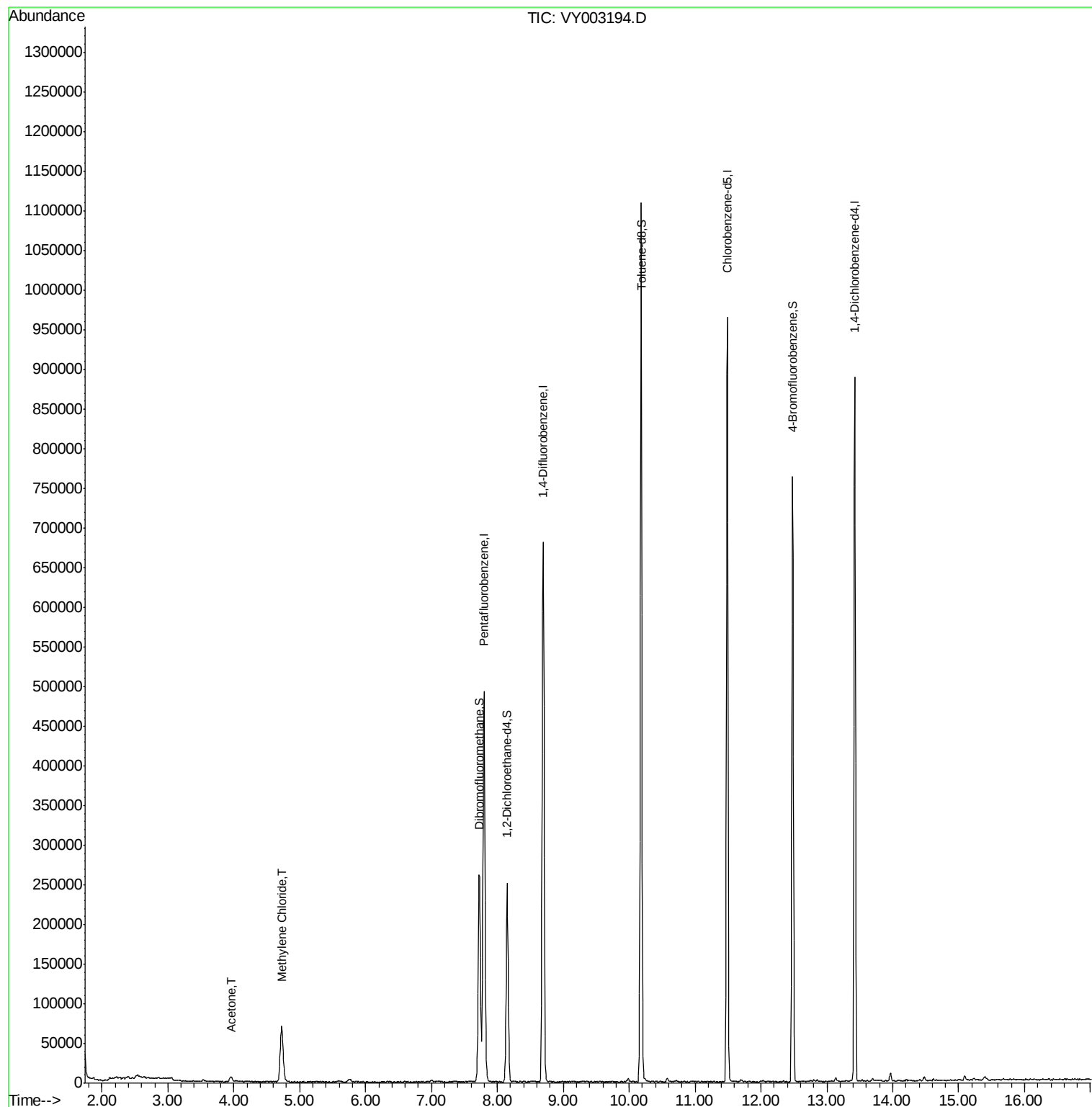
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	392998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	590755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	522405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	189841	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	7.72	113	185588	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	10.18	98	712547	56.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.48	95	212884	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
Target Compounds						
16) Acetone	3.96	43	11497	15.517	ug/l	94
20) Methylene Chloride	4.72	84	54273	10.182	ug/l	97

(#) = 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. 0.00 min

Lab File: VY003194.D

Acq: 14 Jul 2020 14:33

Instrument :

MSVOA_Y

ClientSampled :

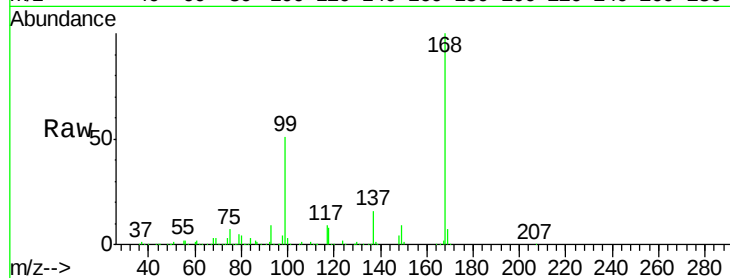
IRON-2

Tot Ion:168 Resp: 392998

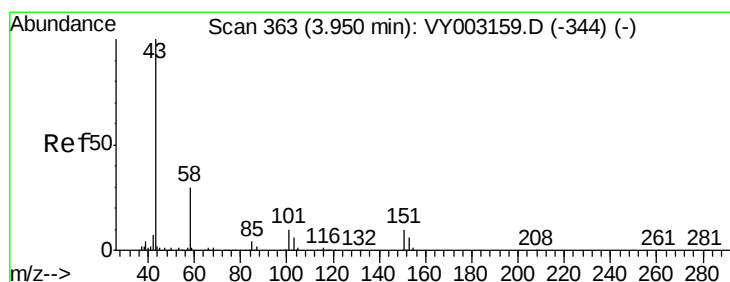
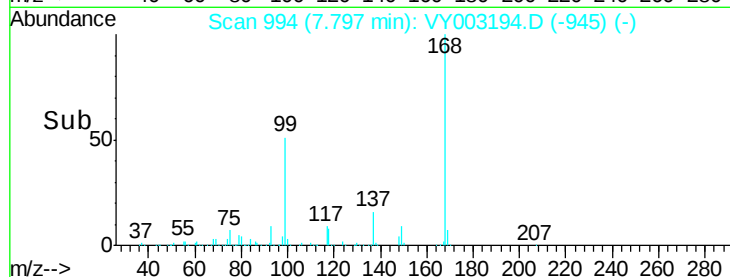
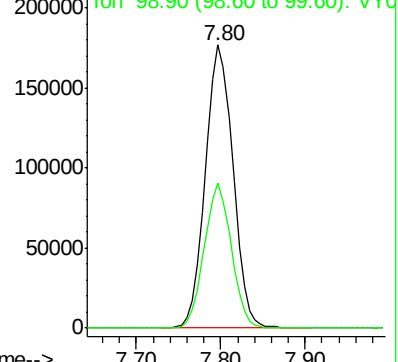
Ion Ratio Lower Upper

168 100

99 51.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003194.D (-945) (-)



#16

Acetone

Concen: 15.517 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003194.D

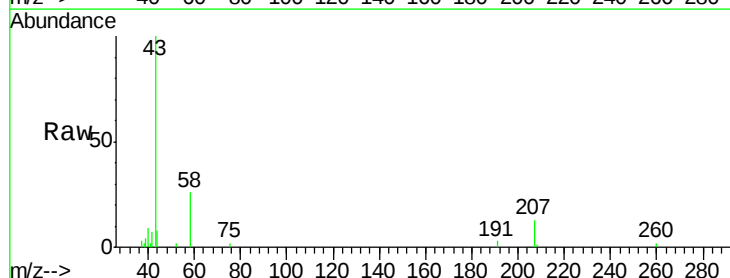
Acq: 14 Jul 2020 14:33

Tgt Ion: 43 Resp: 11497

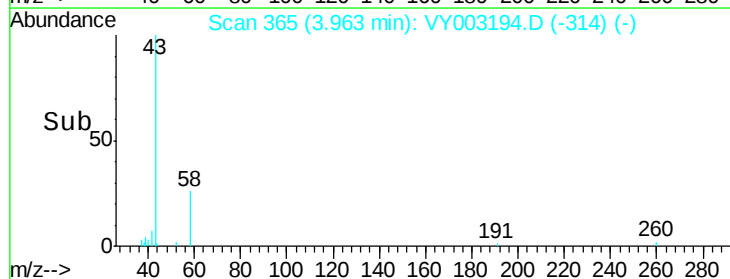
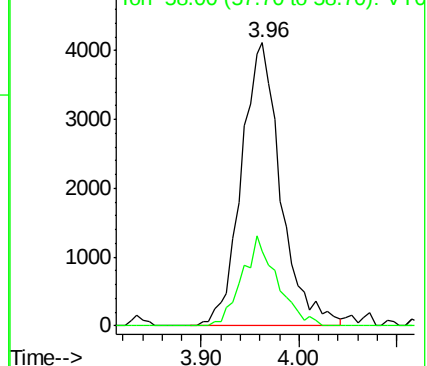
Ion Ratio Lower Upper

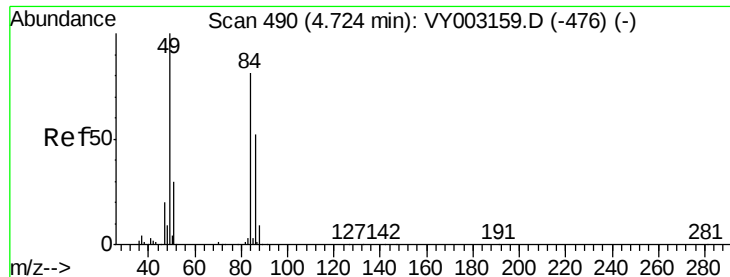
43 100

58 26.4 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003194.D (-314) (-)

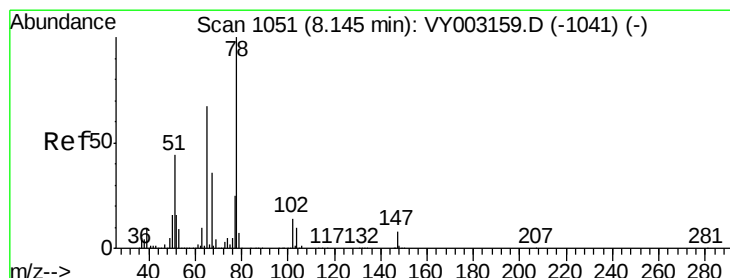
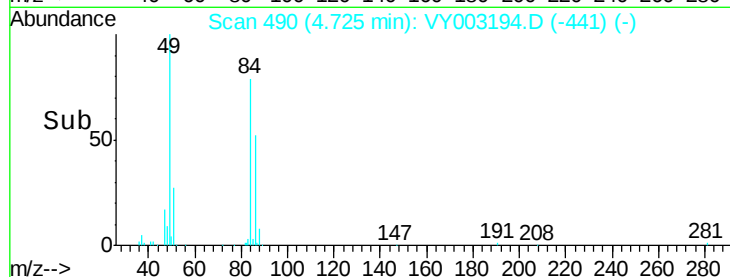
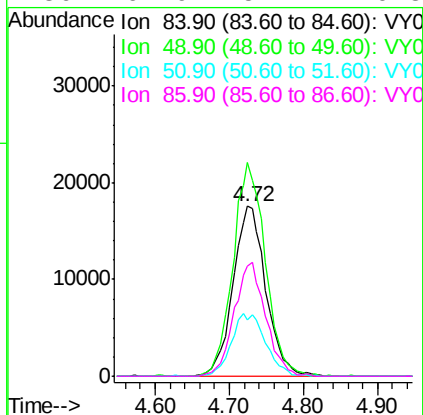
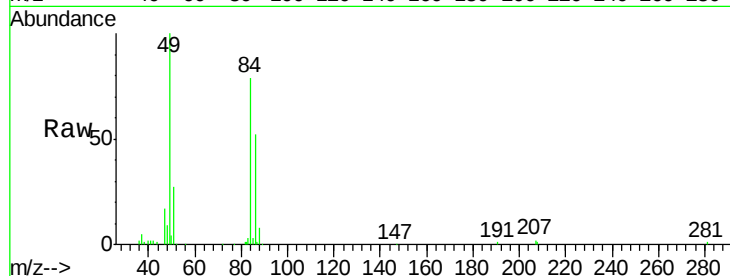




#20
Methylene Chloride
Concen: 10.182 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003194.D
Acq: 14 Jul 2020 14:33

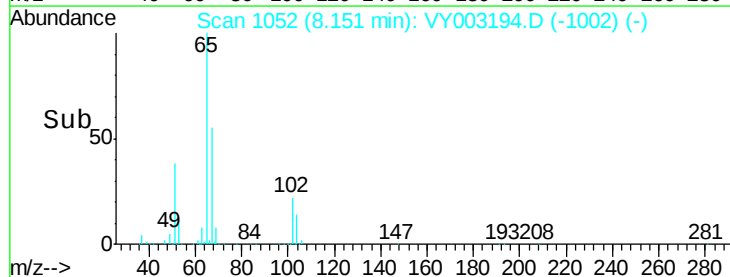
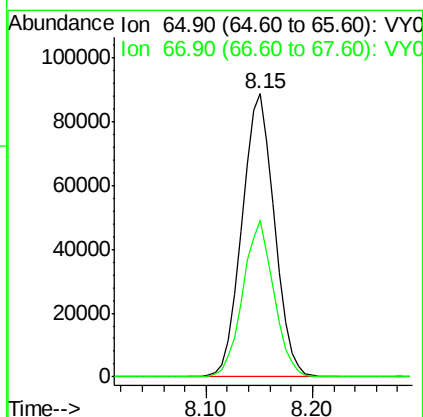
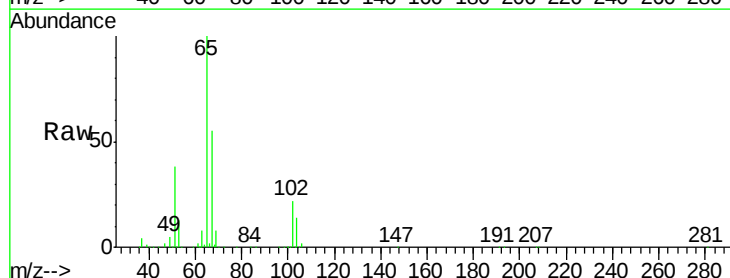
Instrument :
MSVOA_Y
ClientSampleId :
IRON-2

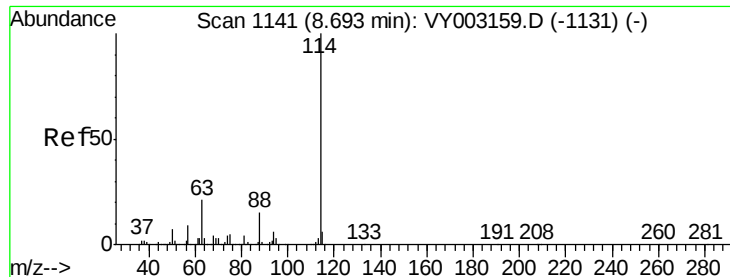
Tot Ion: 84 Resp: 54273
Ion Ratio Lower Upper
84 100
49 125.8 98.2 147.4
51 33.5 29.8 44.6
86 64.9 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 57.232 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003194.D
Acq: 14 Jul 2020 14:33

Tgt Ion: 65 Resp: 189841
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2

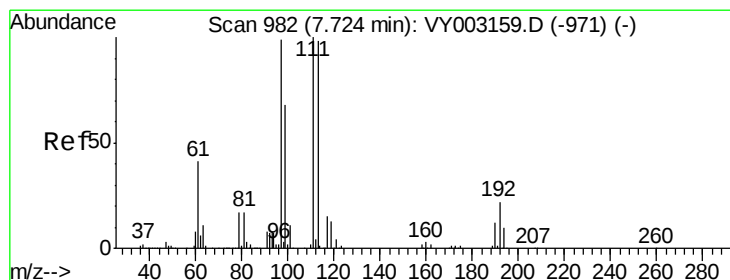
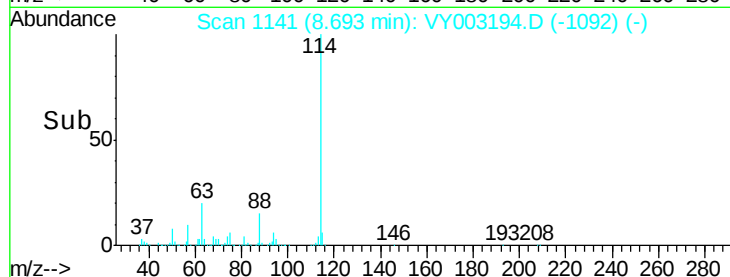
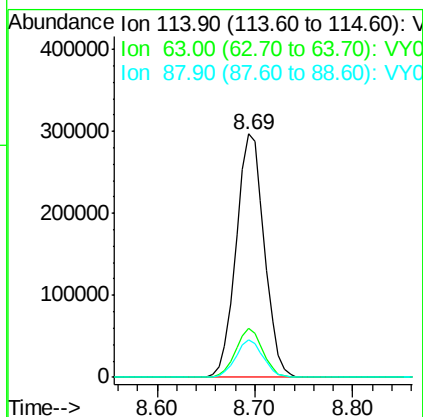
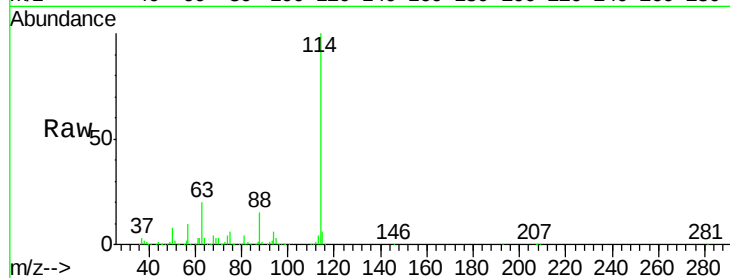




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003194.D
 Acq: 14 Jul 2020 14:33

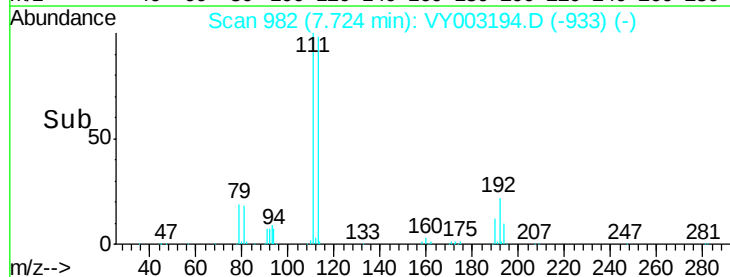
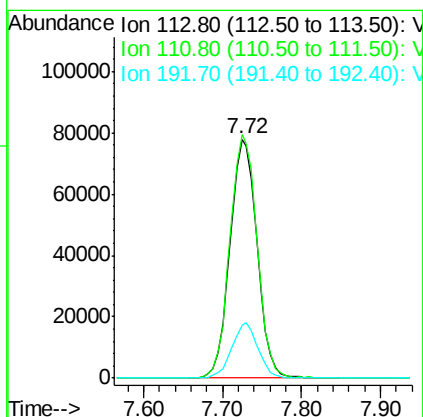
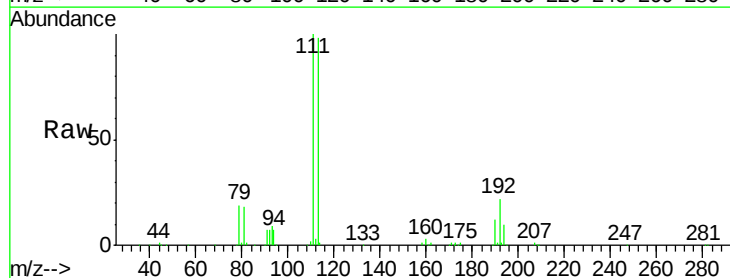
Instrument :
 MSVOA_Y
 ClientSampleId :
 IRON-2

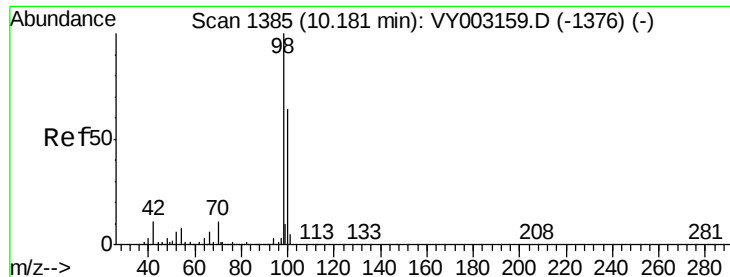
Tot Ion:	114	Resp:	590755
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.2
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 54.590 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003194.D
 Acq: 14 Jul 2020 14:33

Tgt Ion:	113	Resp:	185588
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	22.5	18.8	28.2





#50

Toluene-d8

Concen: 56.375 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003194.D

Acq: 14 Jul 2020 14:33

Instrument :

MSVOA_Y

ClientSampleId :

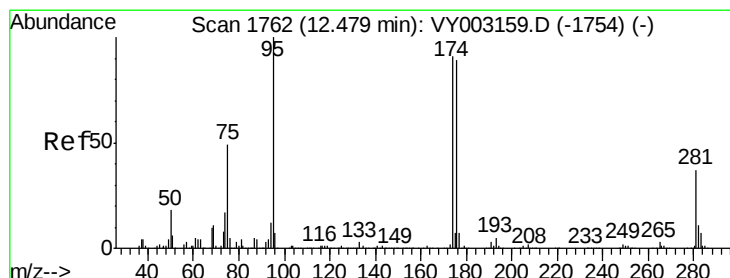
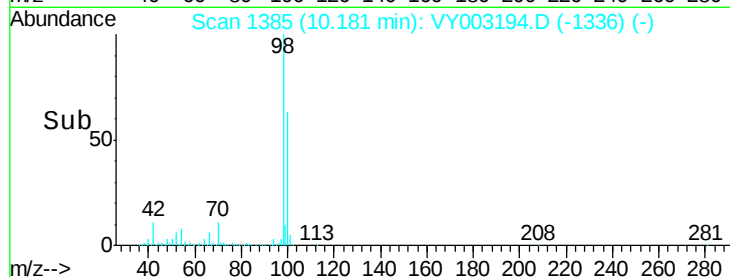
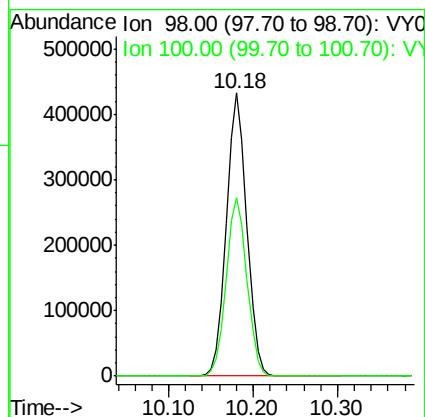
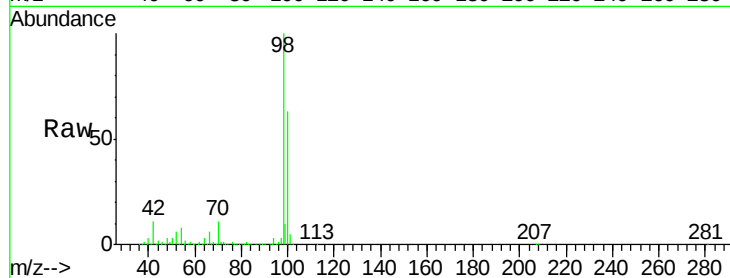
IRON-2

Tot Ion: 98 Resp: 712547

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 46.623 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003194.D

Acq: 14 Jul 2020 14:33

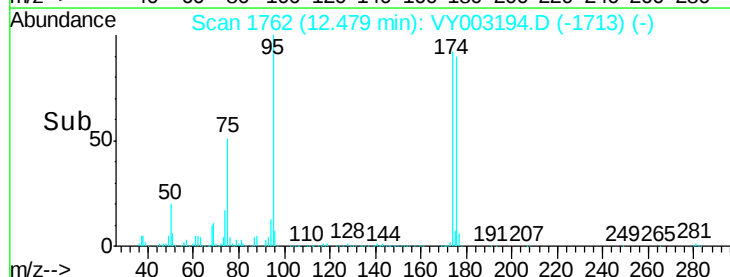
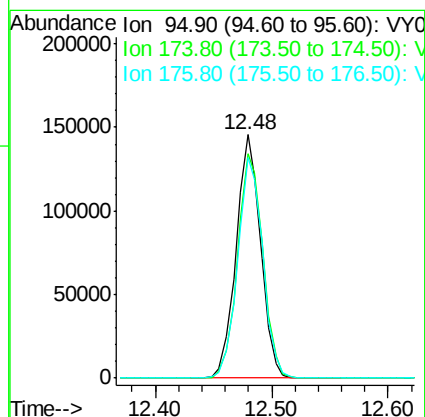
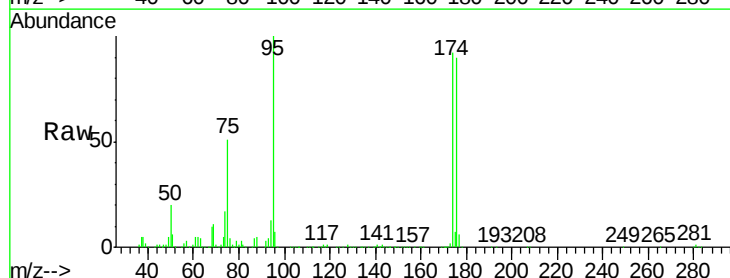
Tgt Ion: 95 Resp: 212884

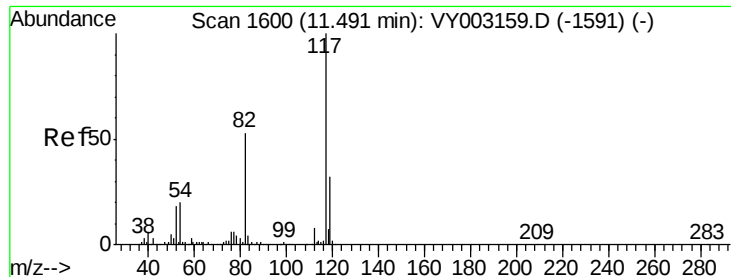
Ion Ratio Lower Upper

95 100

174 95.4 0.0 190.6

176 92.6 0.0 186.4

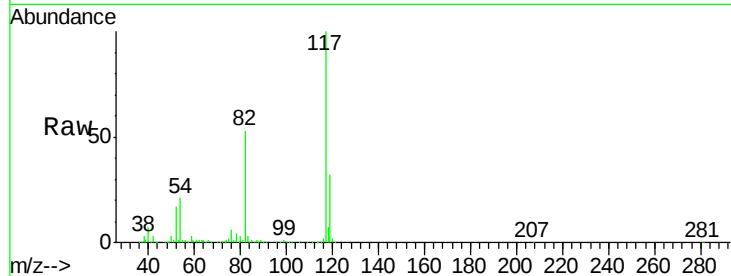




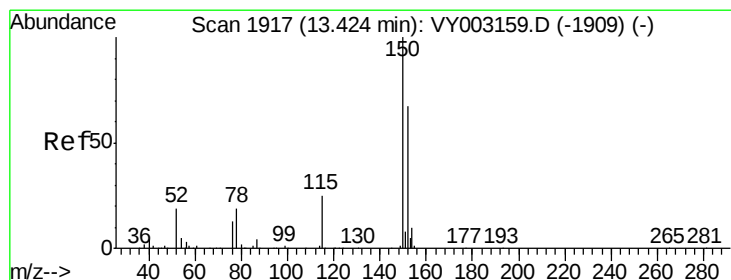
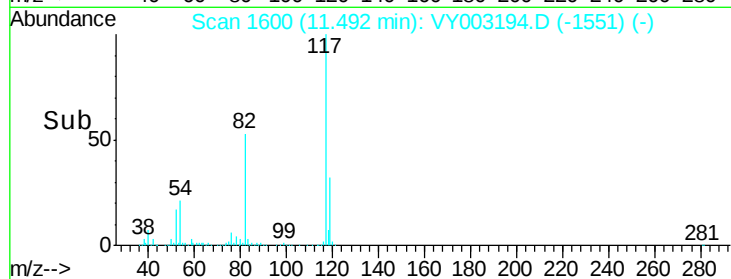
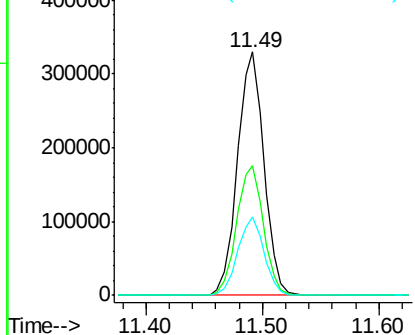
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003194.D
Acq: 14 Jul 2020 14:33

Instrument :
MSVOA_Y
ClientSampleId :
IRON-2

Tot Ion:117 Resp: 522405
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.4 25.5 38.3

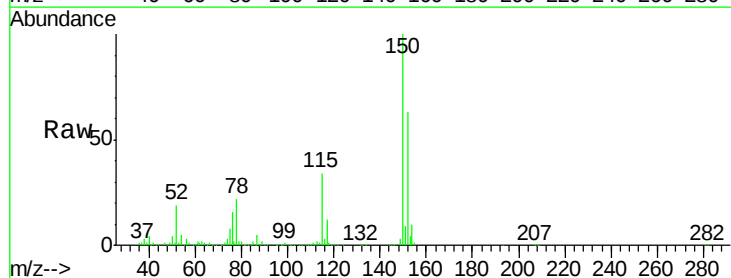


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003194.D
Acq: 14 Jul 2020 14:33

Tgt Ion:152 Resp: 227380
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.7
150 156.4 0.0 338.0



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

