

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003193.D
 Acq On : 14 Jul 2020 14:09
 Operator : SY/MD
 Sample : L3289-01
 Misc : 6.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IRON-1

Quant Time: Jul 15 05:26:59 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

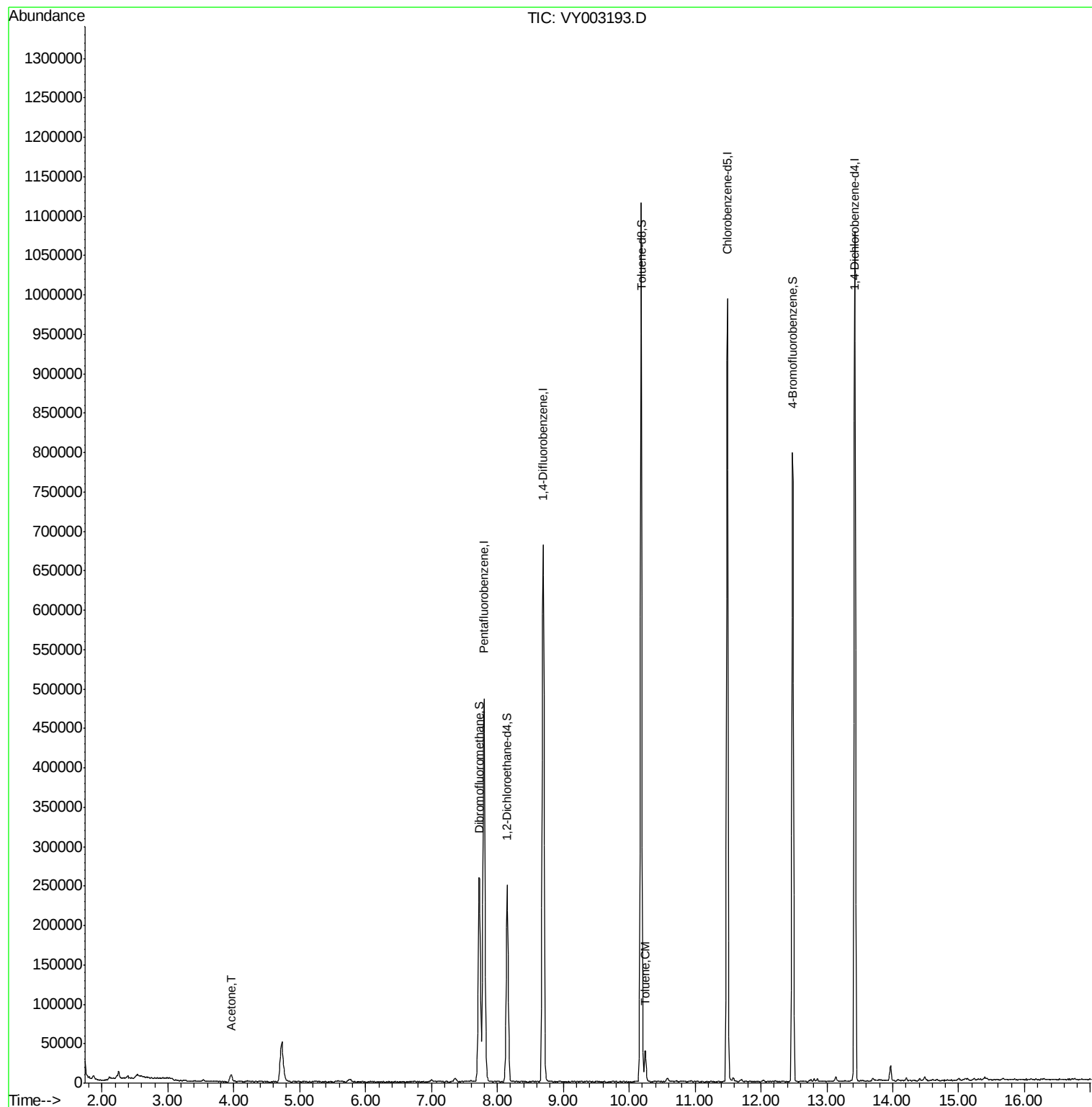
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	396353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	598630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	546028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	272940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	194227	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	7.73	113	183733	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	718867	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
62) 4-Bromofluorobenzene	12.48	95	236218	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
Target Compounds						
16) Acetone	3.96	43	14924	19.972	ug/l	90
52) Toluene	10.24	92	15846	1.660	ug/l	95

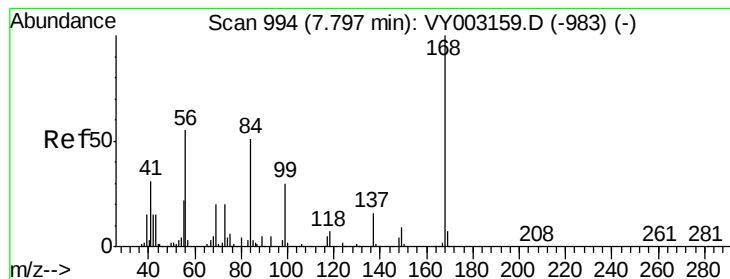
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
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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: VY003193.D

Acq: 14 Jul 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

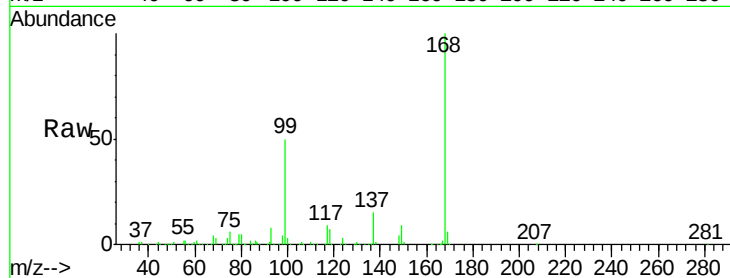
IRON-1

Tot Ion:168 Resp: 396353

Ion Ratio Lower Upper

168 100

99 50.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

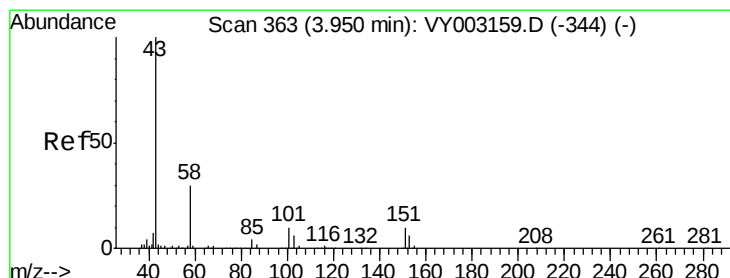
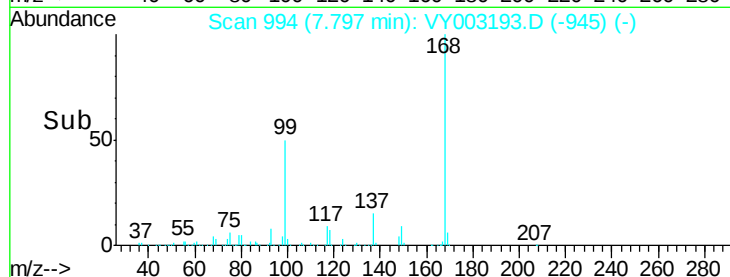
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 19.972 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003193.D

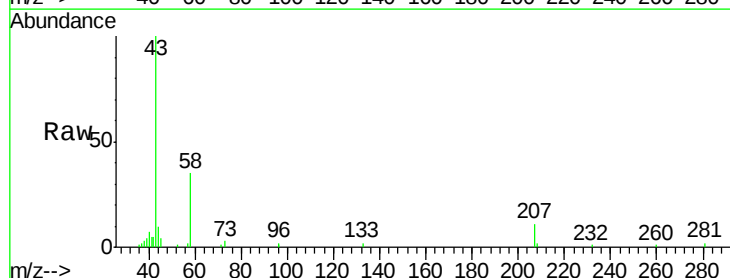
Acq: 14 Jul 2020 14:09

Tgt Ion: 43 Resp: 14924

Ion Ratio Lower Upper

43 100

58 35.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

5000

4000

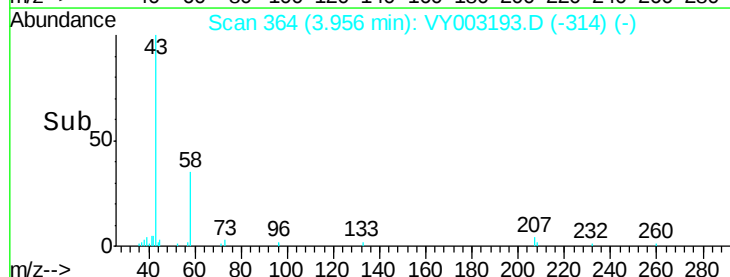
3000

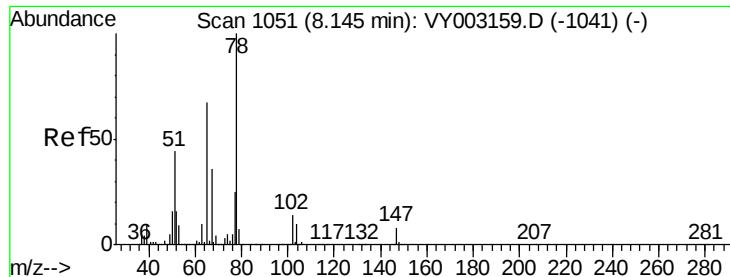
2000

1000

0

Time-->

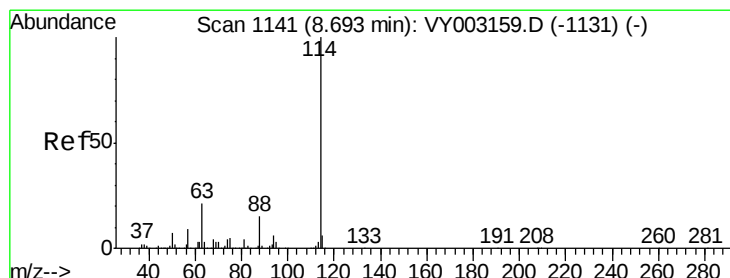
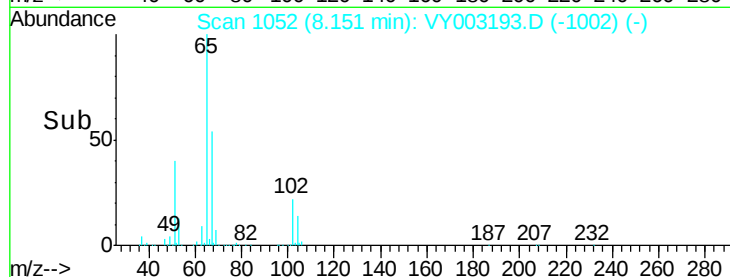
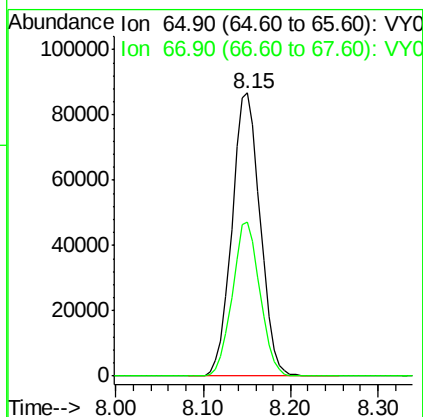
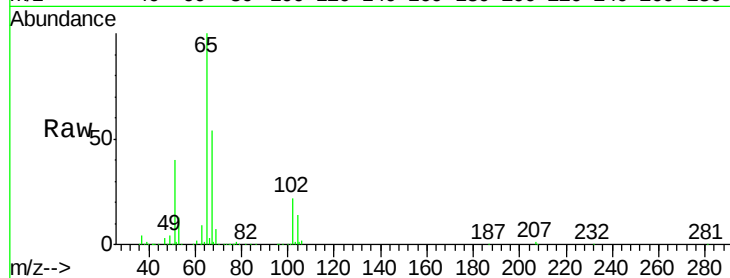




#33
 1,2-Dichloroethane-d4
 Concen: 58.059 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003193.D
 Acq: 14 Jul 2020 14:09

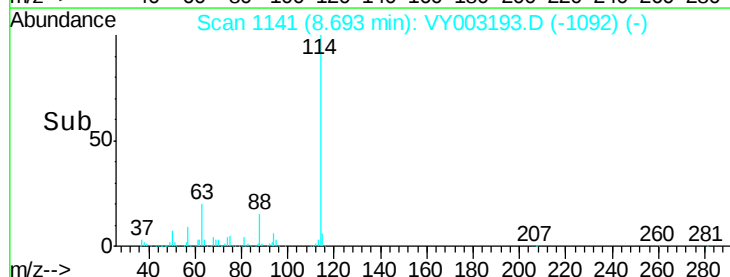
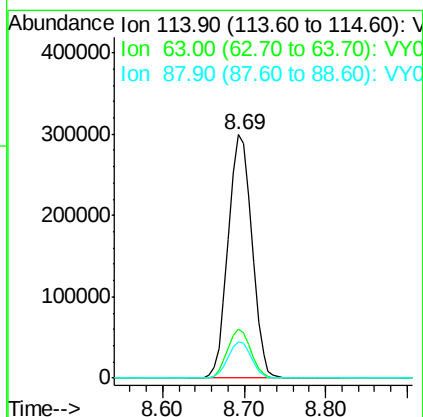
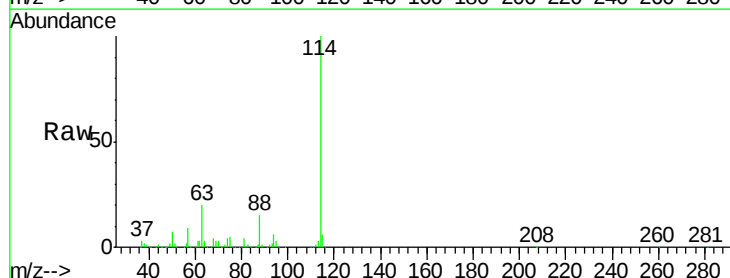
Instrument :
 MSVOA_Y
 ClientSampleId :
 IRON-1

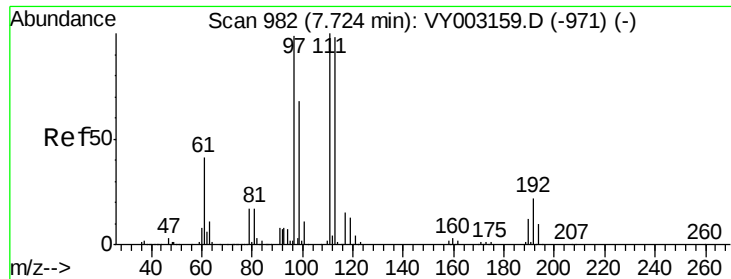
Tot Ion: 65 Resp: 194227
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003193.D
 Acq: 14 Jul 2020 14:09

Tgt Ion: 114 Resp: 598630
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.334 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003193.D

Acq: 14 Jul 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

IRON-1

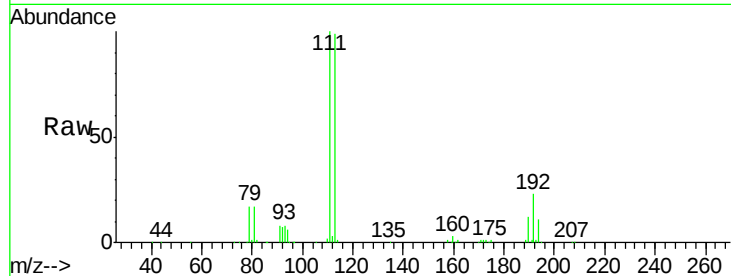
Tot Ion:113 Resp: 183733

Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

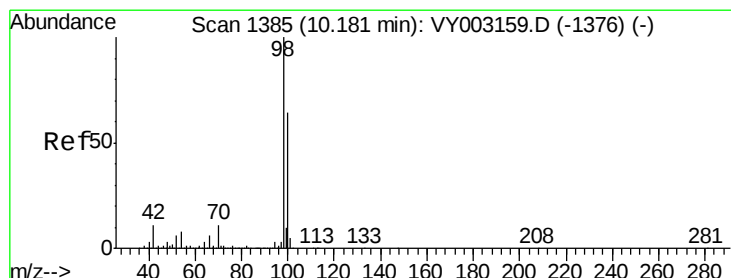
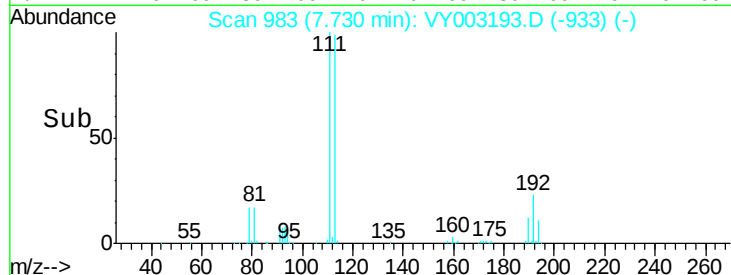
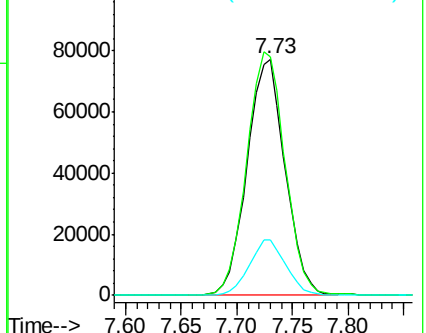
192 22.7 18.8 28.2



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: 56.127 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003193.D

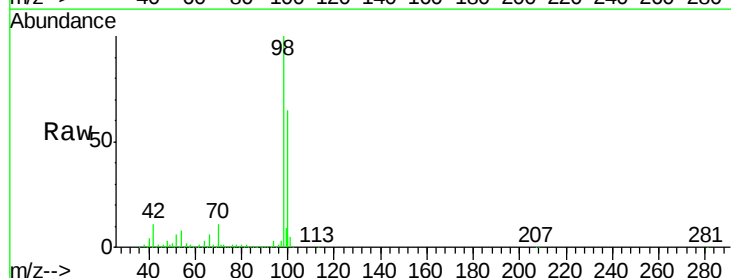
Acq: 14 Jul 2020 14:09

Tgt Ion: 98 Resp: 718867

Ion Ratio Lower Upper

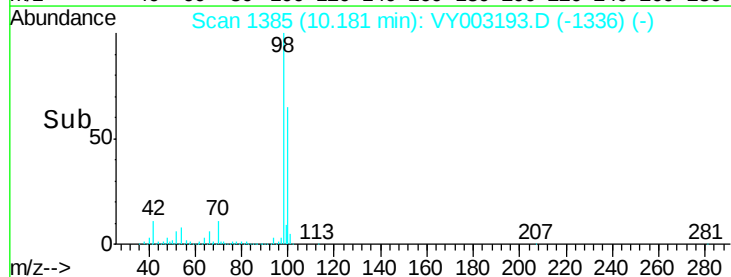
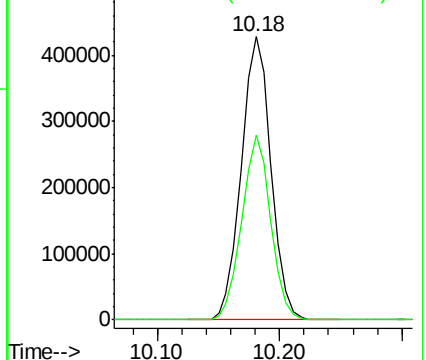
98 100

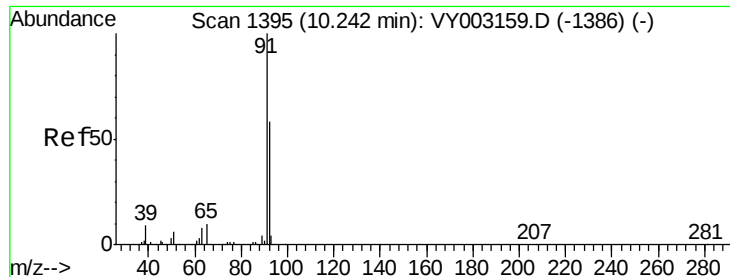
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 1.660 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003193.D

Acq: 14 Jul 2020 14:09

Instrument :

MSVOA_Y

ClientSampleId :

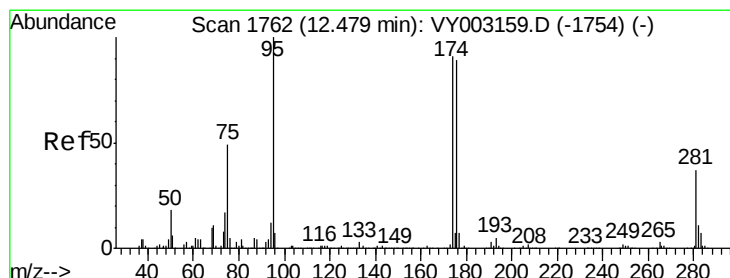
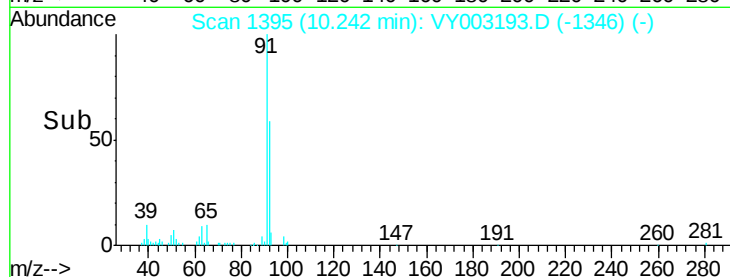
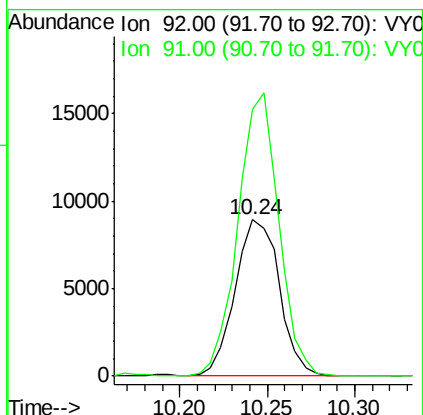
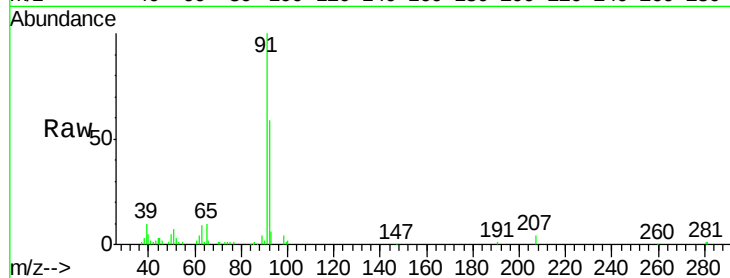
IRON-1

Tot Ion: 92 Resp: 15846

Ion Ratio Lower Upper

92 100

91 167.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.053 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003193.D

Acq: 14 Jul 2020 14:09

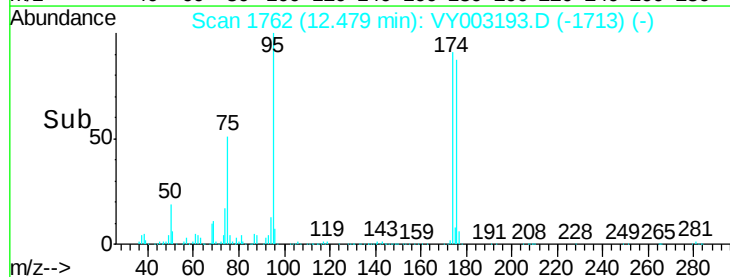
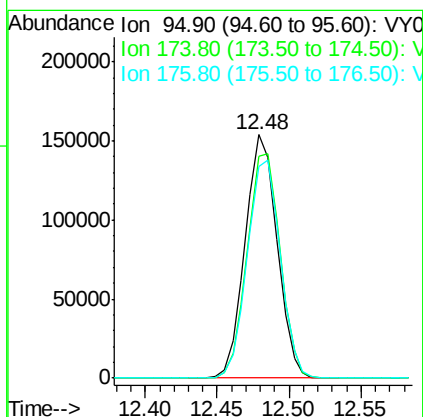
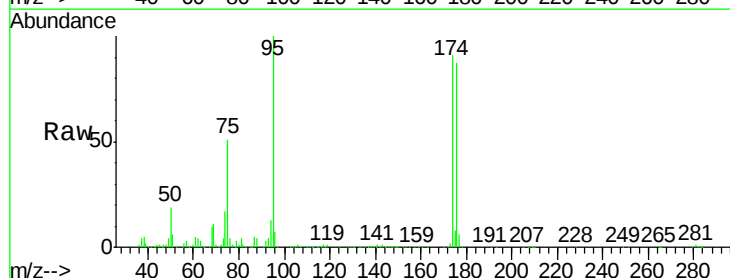
Tgt Ion: 95 Resp: 236218

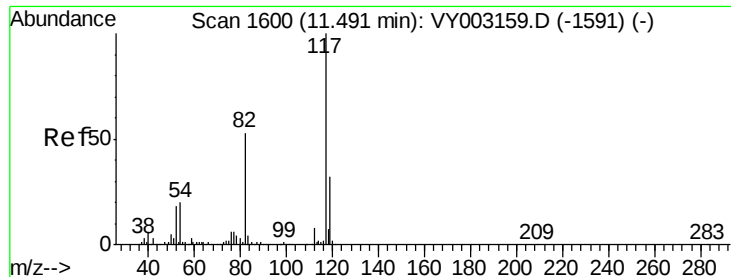
Ion Ratio Lower Upper

95 100

174 95.0 0.0 190.6

176 92.1 0.0 186.4

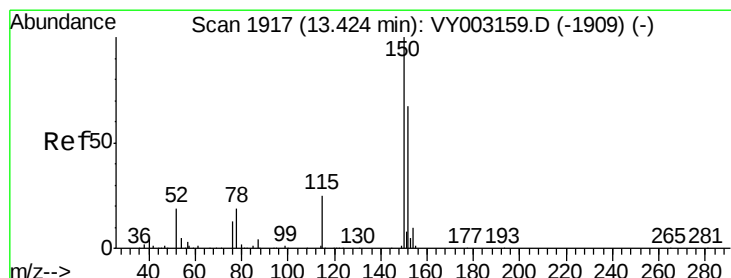
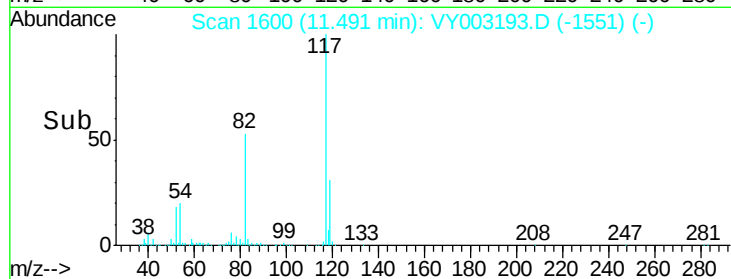
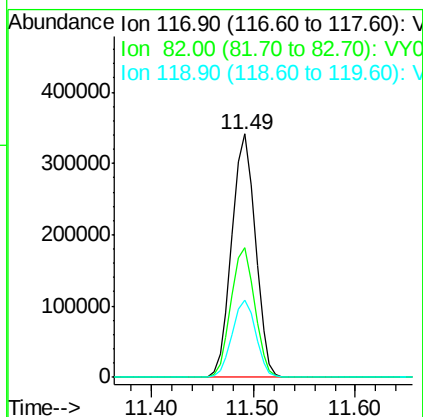
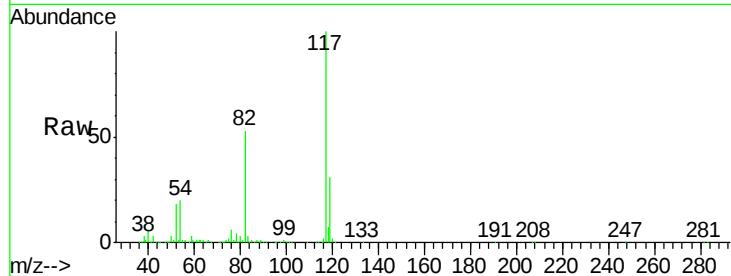




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Instrument :
MSVOA_Y
ClientSampleId :
IRON-1

Tot Ion:117 Resp: 546028
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003193.D
Acq: 14 Jul 2020 14:09

Tgt Ion:152 Resp: 272940
Ion Ratio Lower Upper
152 100
115 54.6 26.9 80.7
150 155.6 0.0 338.0

