

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003190.D
 Acq On : 14 Jul 2020 12:57
 Operator : SY/MD
 Sample : L3179-01
 Misc : 6.82G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-05-071320

Quant Time: Jul 15 05:10:12 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

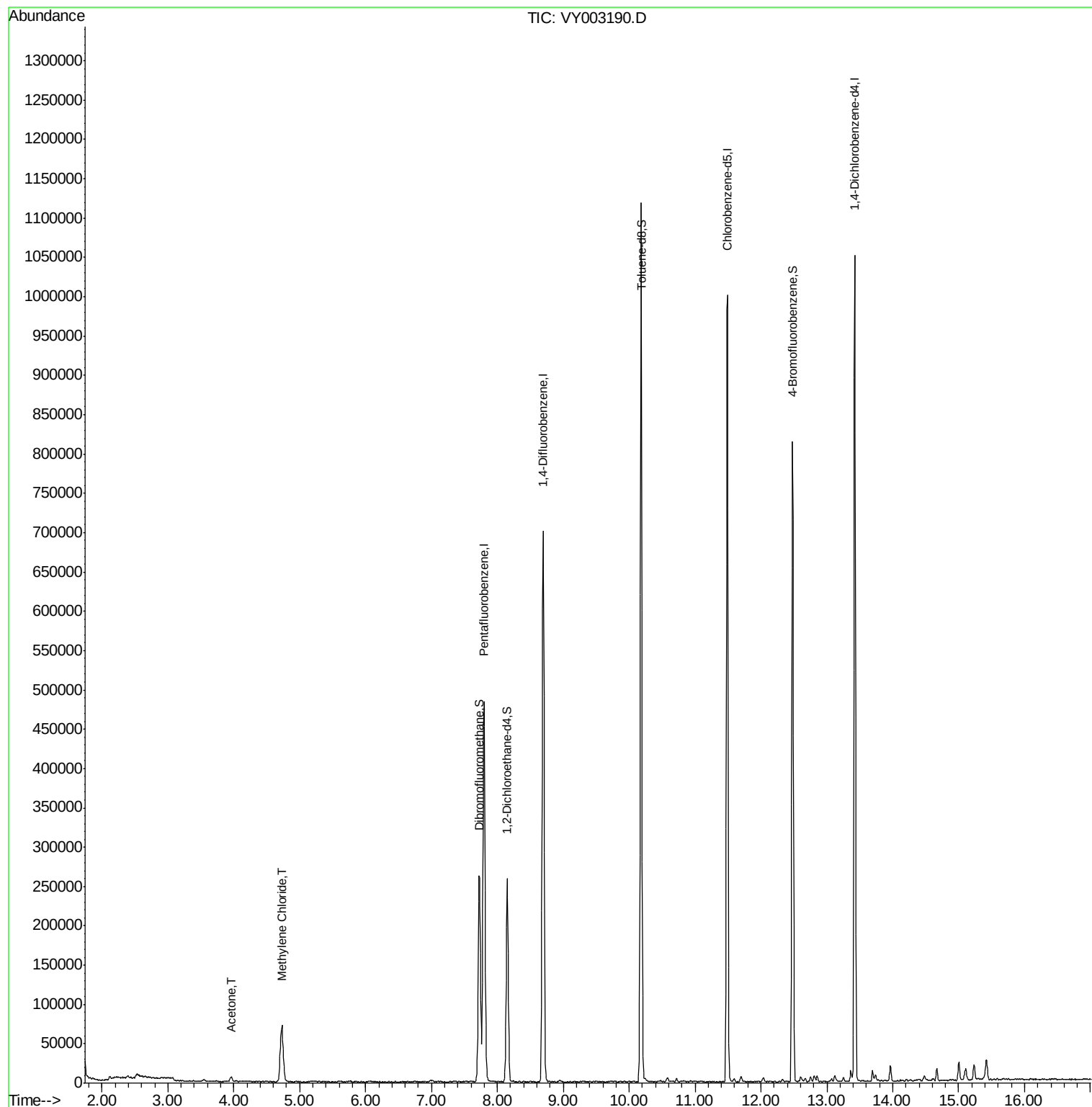
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	403391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	600643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	544399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	265348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	198417	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
35) Dibromofluoromethane	7.73	113	187705	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	10.18	98	722638	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
62) 4-Bromofluorobenzene	12.48	95	235754	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
Target Compounds						
16) Acetone	3.96	43	9120	11.992	ug/l	99
20) Methylene Chloride	4.73	84	56617	10.449	ug/l	95

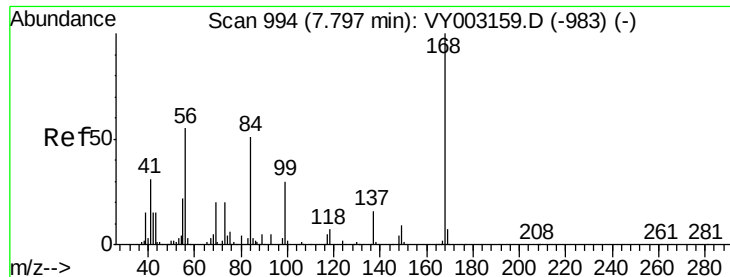
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003190.D

Acq: 14 Jul 2020 12:57

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MSVOA_Y

ClientSampleId :

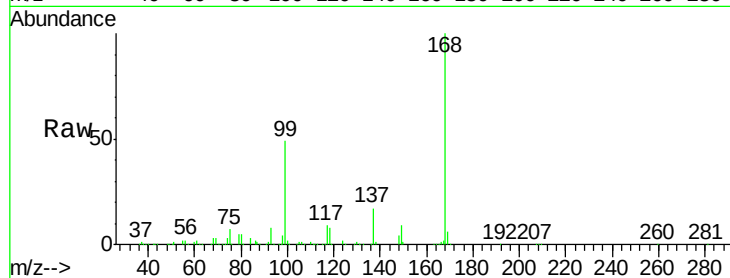
HR-05-071320

Tot Ion:168 Resp: 403391

Ion Ratio Lower Upper

168 100

99 48.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003190.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003190.D (-945) (-)

7.80

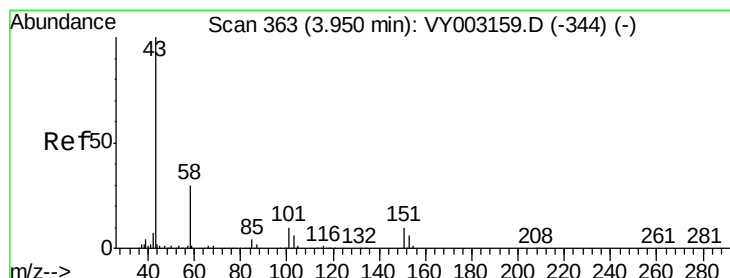
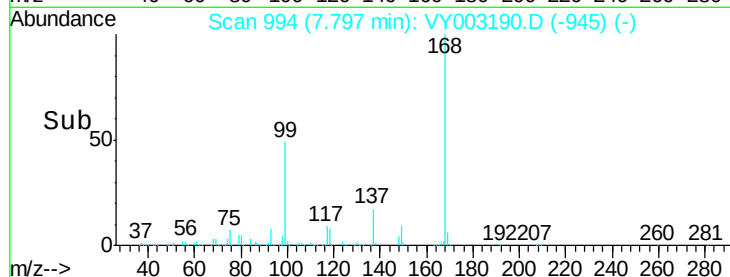
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.992 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003190.D

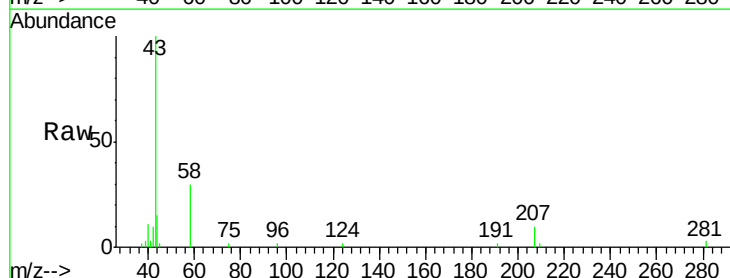
Acq: 14 Jul 2020 12:57

Tgt Ion: 43 Resp: 9120

Ion Ratio Lower Upper

43 100

58 30.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003190.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003190.D (-314) (-)

3.96

4000

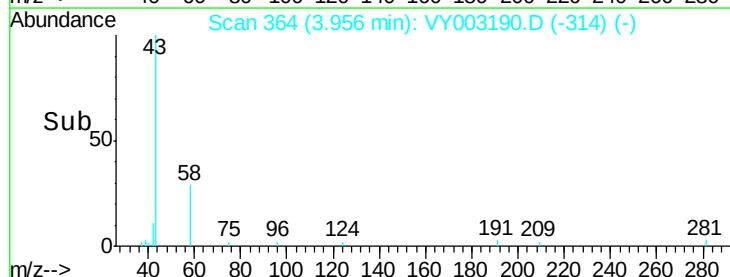
3000

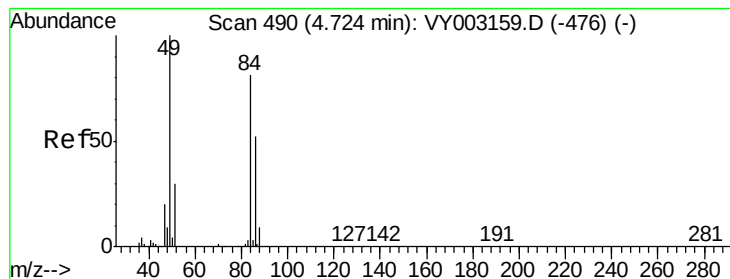
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 10.449 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003190.D

Acq: 14 Jul 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

HR-05-071320

Tot Ion: 84 Resp: 56617

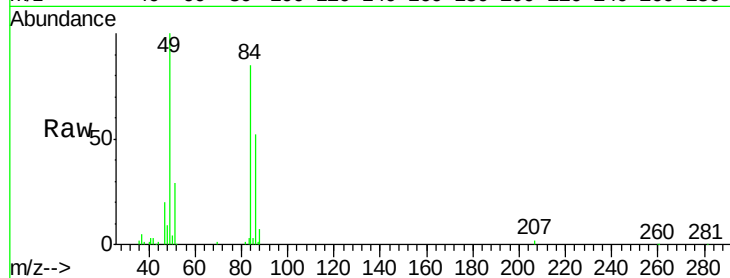
Ion Ratio Lower Upper

84 100

49 117.5 98.2 147.4

51 34.1 29.8 44.6

86 60.9 51.2 76.8

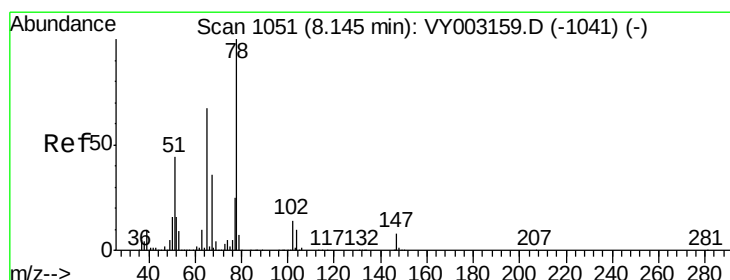
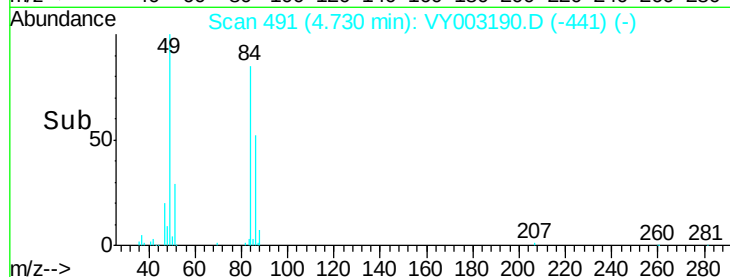
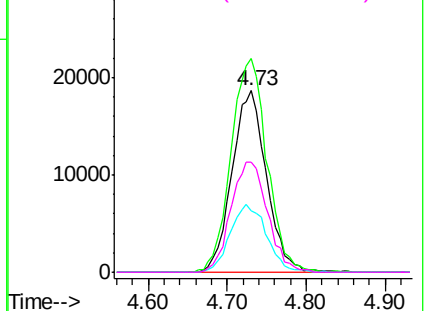


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33

1,2-Dichloroethane-d4

Concen: 58.276 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003190.D

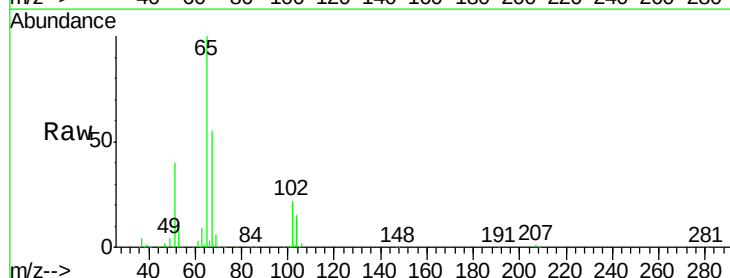
Acq: 14 Jul 2020 12:57

Tgt Ion: 65 Resp: 198417

Ion Ratio Lower Upper

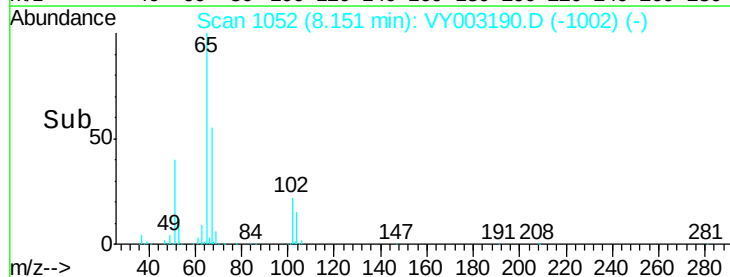
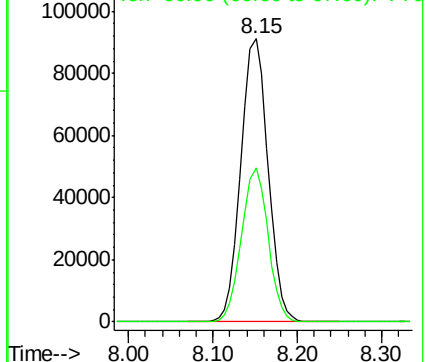
65 100

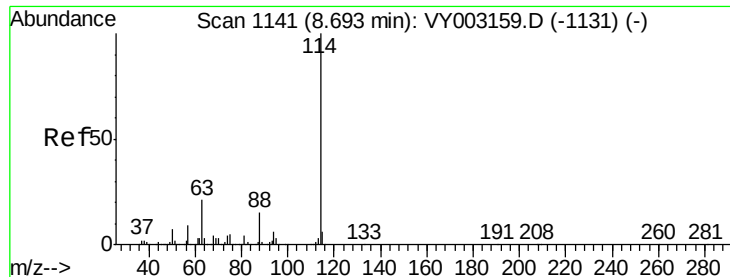
67 53.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

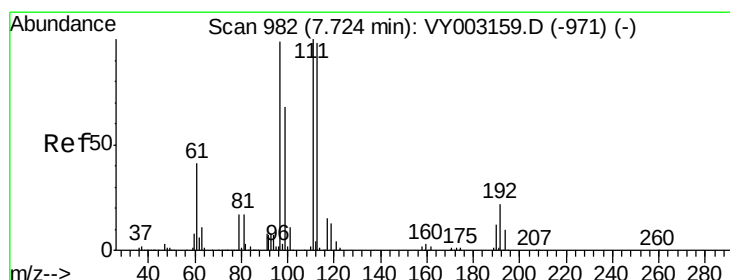
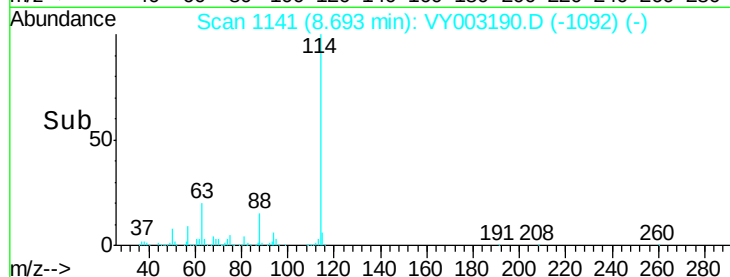
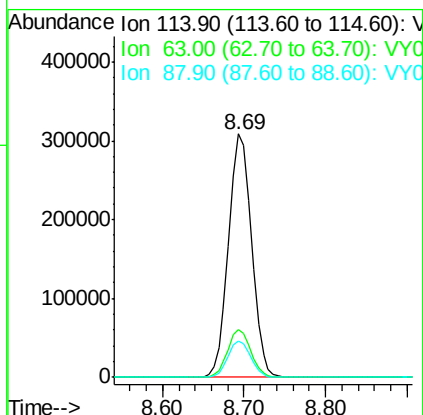
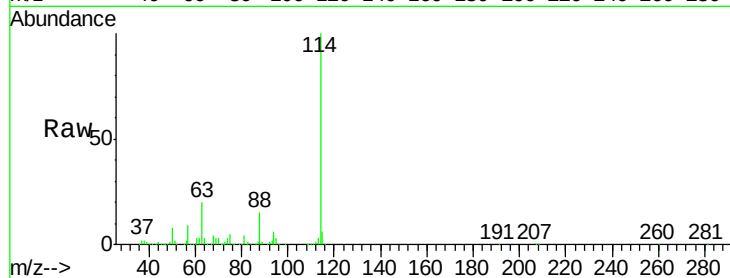




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.00 min
Lab File: VY003190.D
Acq: 14 Jul 2020 12:57

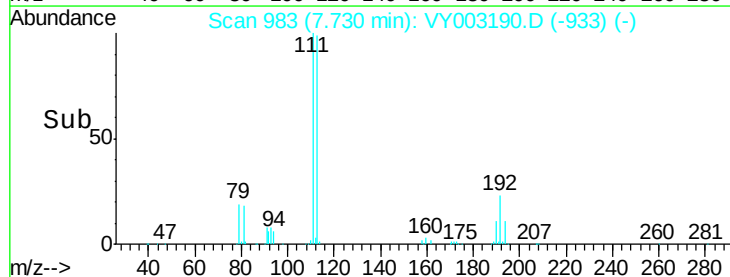
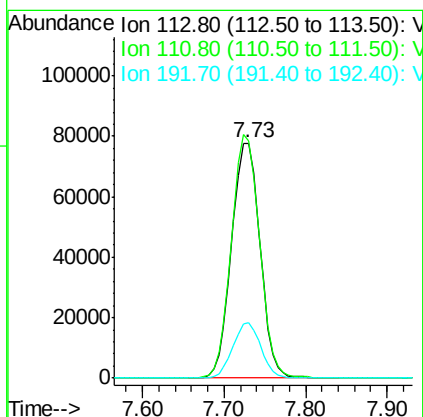
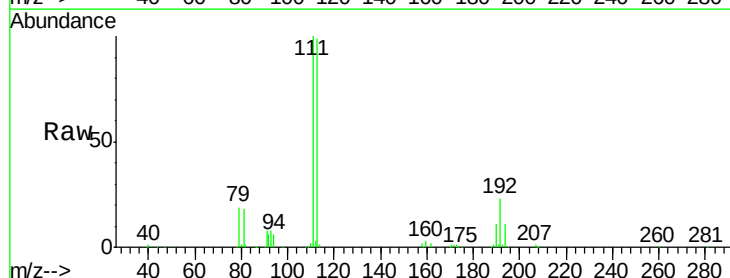
Instrument :
MSVOA_Y
ClientSampleId :
HR-05-071320

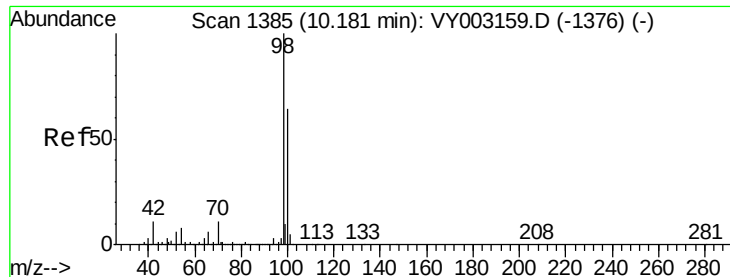
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.2
88	15.1	0.0	30.2



#35
Dibromofluoromethane
Concen: 54.304 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003190.D
Acq: 14 Jul 2020 12:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	23.0	18.8	28.2

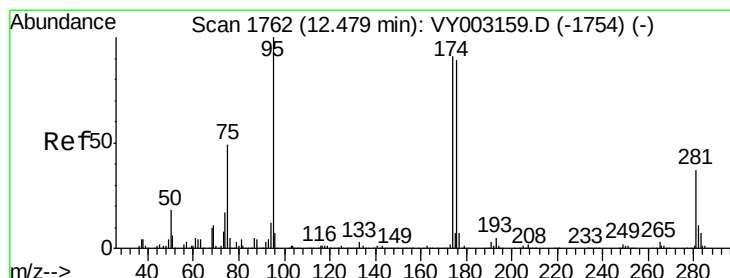
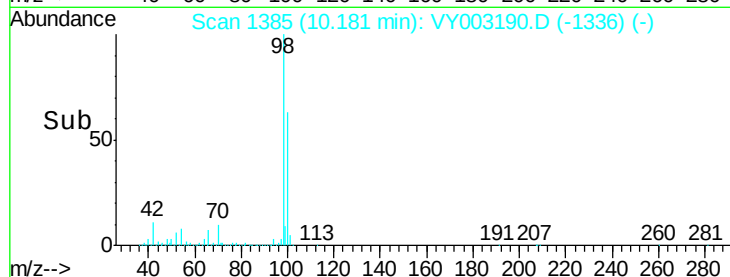
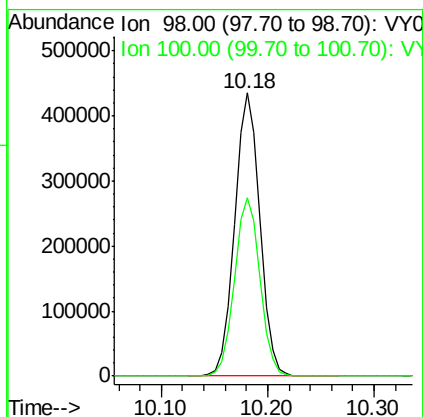
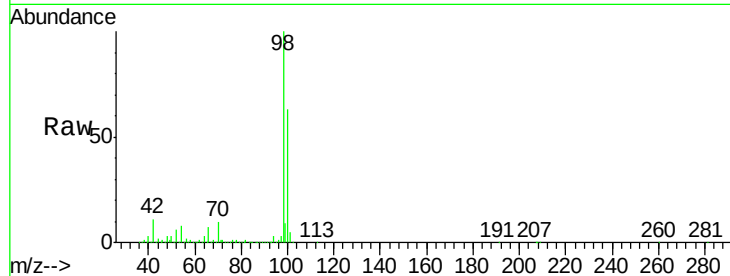




#50
Toluene-d8
Concen: 56.232 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003190.D
Acq: 14 Jul 2020 12:57

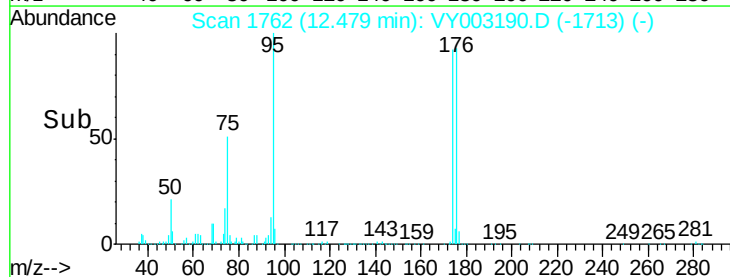
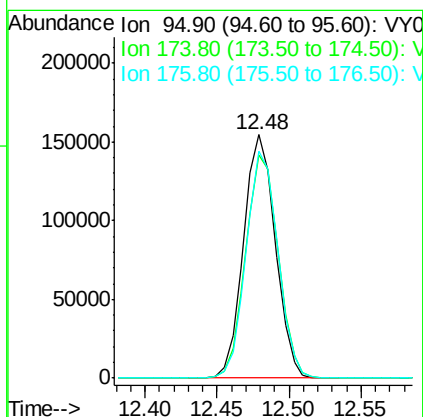
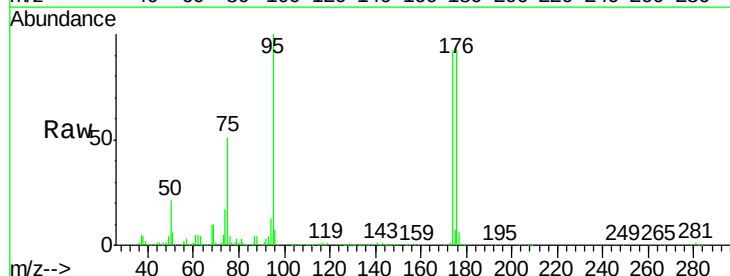
Instrument :
MSVOA_Y
ClientSampleId :
HR-05-071320

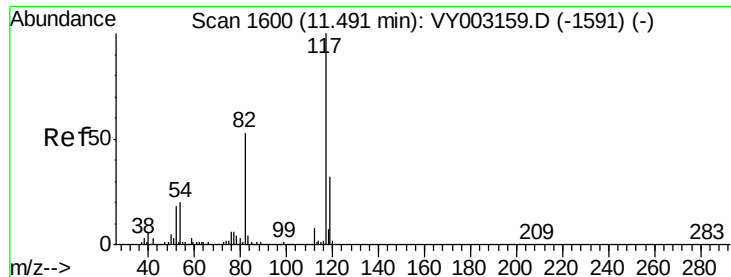
Tot Ion: 98 Resp: 722638
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 50.781 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003190.D
Acq: 14 Jul 2020 12:57

Tgt Ion: 95 Resp: 235754
Ion Ratio Lower Upper
95 100
174 93.6 0.0 190.6
176 92.8 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: VY003190.D

Acq: 14 Jul 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

HR-05-071320

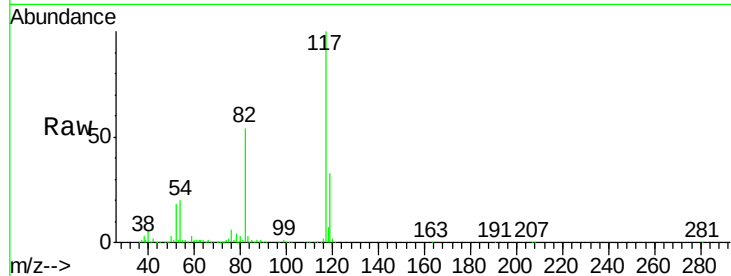
Tot Ion:117 Resp: 544399

Ion Ratio Lower Upper

117 100

82 53.7 42.0 63.0

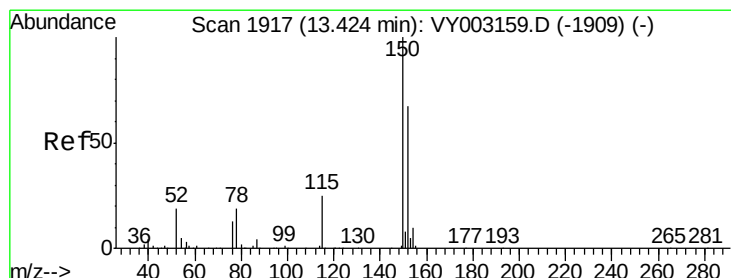
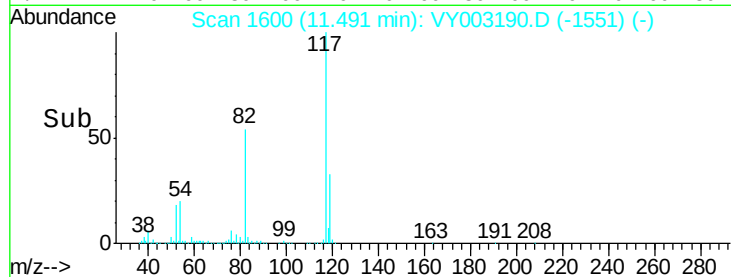
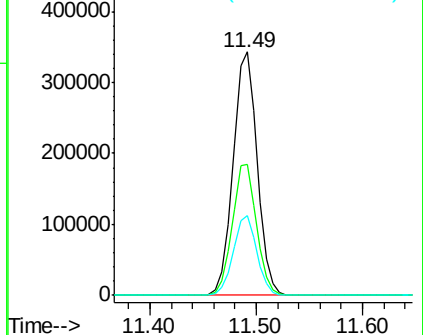
119 32.6 25.5 38.3



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: VY003190.D

Acq: 14 Jul 2020 12:57

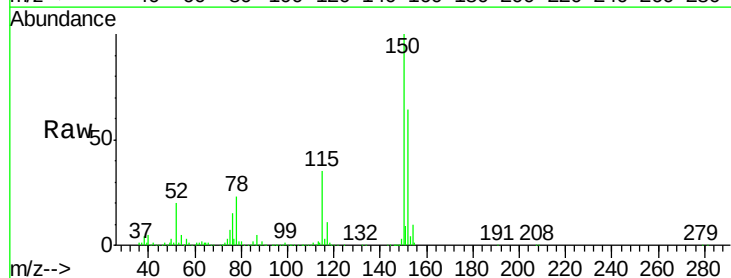
Tgt Ion:152 Resp: 265348

Ion Ratio Lower Upper

152 100

115 54.5 26.9 80.7

150 158.4 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

