

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002910.D
 Acq On : 16 Jun 2020 15:21
 Operator : SY/MD
 Sample : L3022-03
 Misc : 6.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HLP-B

Quant Time: Jun 17 02:43:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

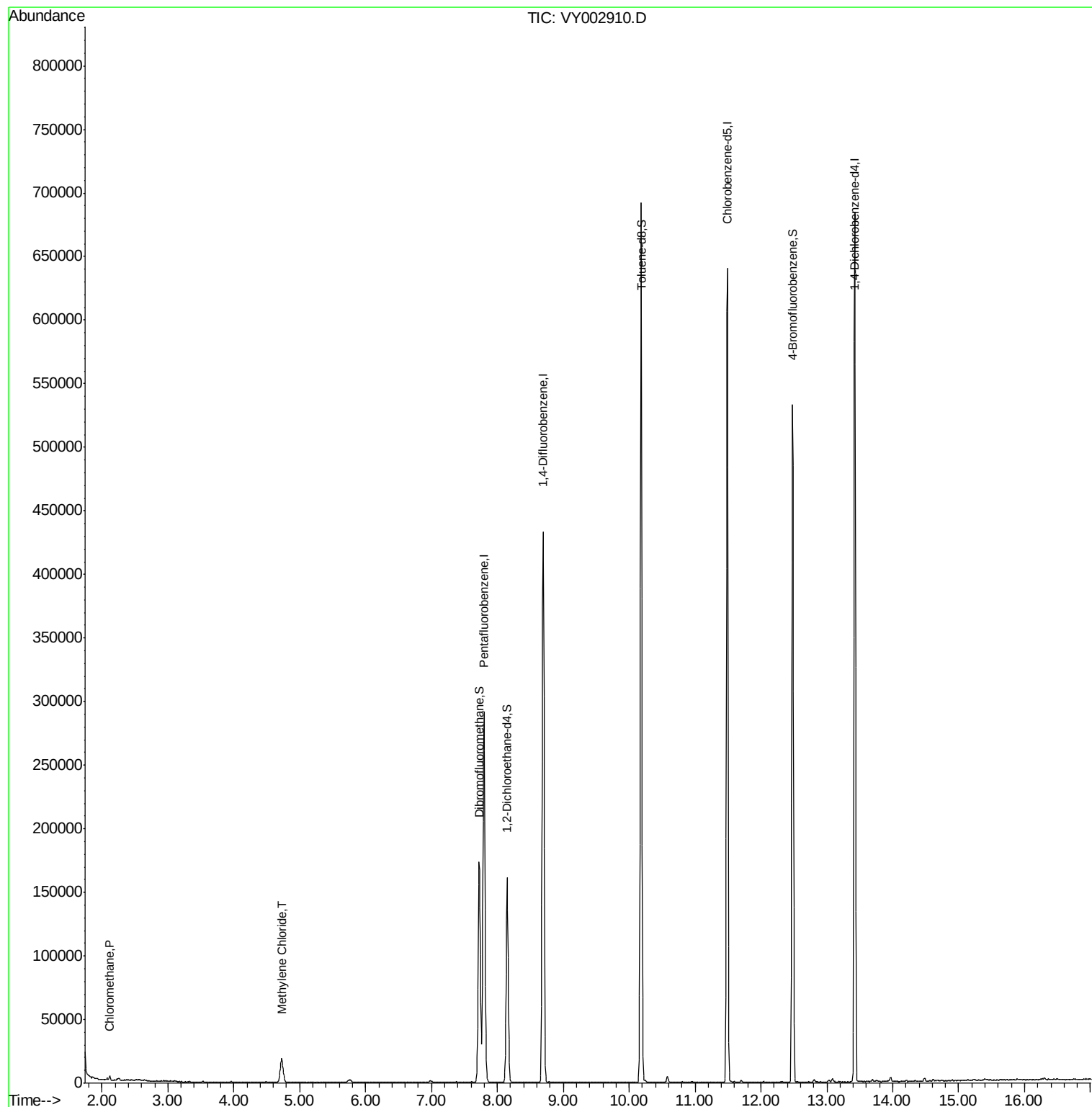
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	398728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	375725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	189231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	124523	59.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.18%	
35) Dibromofluoromethane	7.72	113	123811	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.18	98	465910	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.48	95	159862	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
3) Chloromethane	2.12	50	2697	1.460	ug/l #	88
20) Methylene Chloride	4.72	84	14962	6.196	ug/l	97

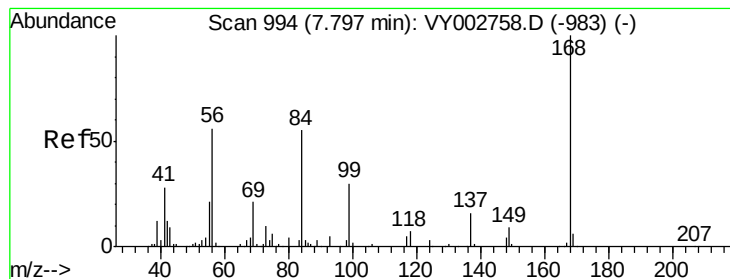
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
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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: VY002910.D

Acq: 16 Jun 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

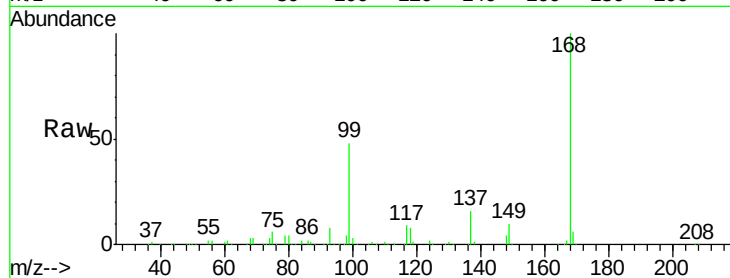
HLP-B

Tot Ion:168 Resp: 242713

Ion Ratio Lower Upper

168 100

99 48.5 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002910.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002910.D (-945) (-)

7.80

120000

100000

80000

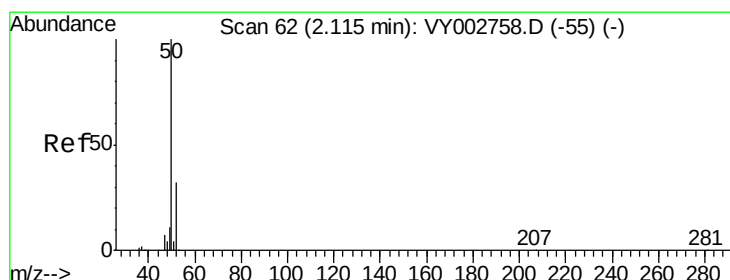
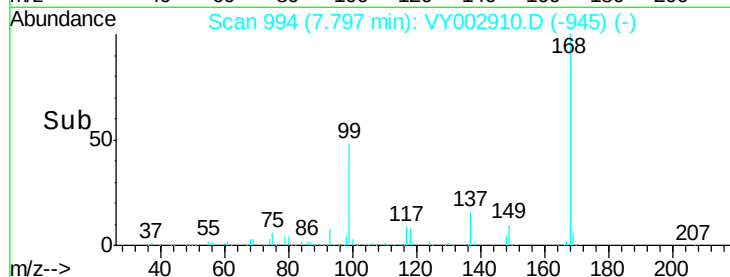
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 1.460 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002910.D

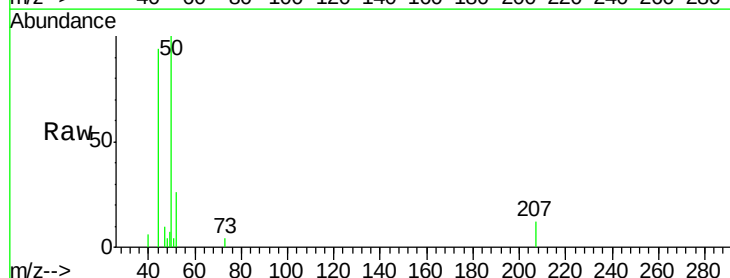
Acq: 16 Jun 2020 15:21

Tgt Ion: 50 Resp: 2697

Ion Ratio Lower Upper

50 100

52 25.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY002910.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002910.D (-13) (-)

2.12

2000

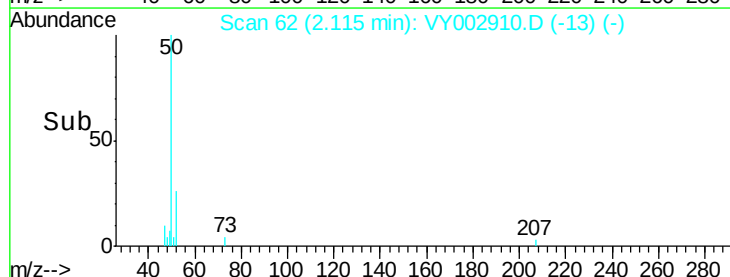
1500

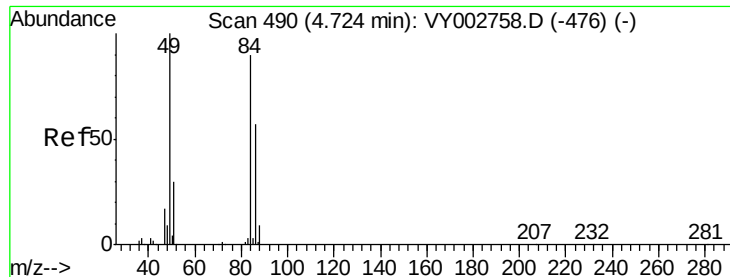
1000

500

0

Time-->

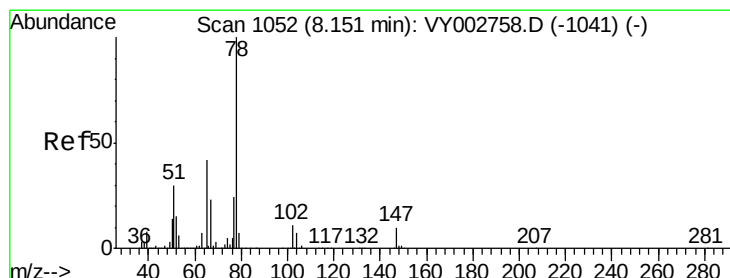
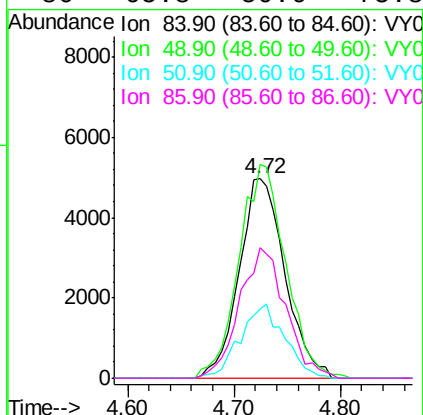
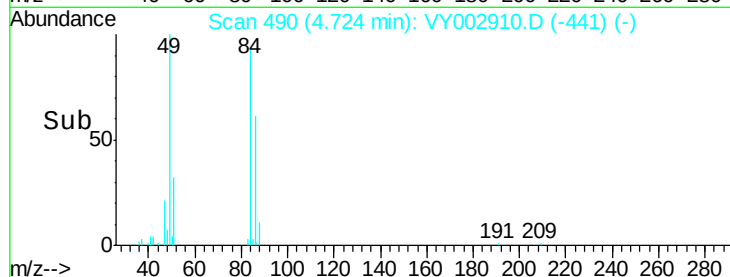
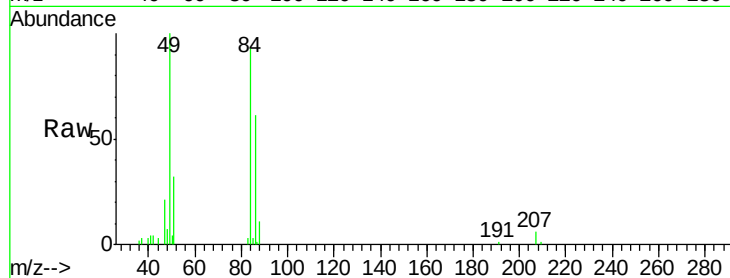




#20
Methylene Chloride
Concen: 6.196 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002910.D
Acq: 16 Jun 2020 15:21

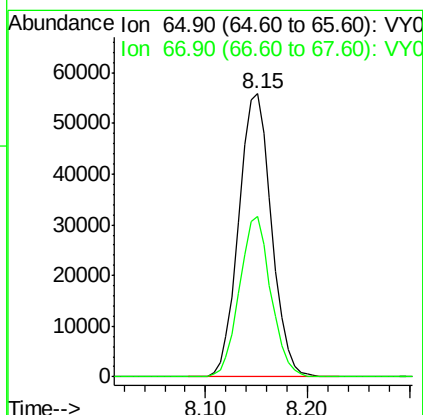
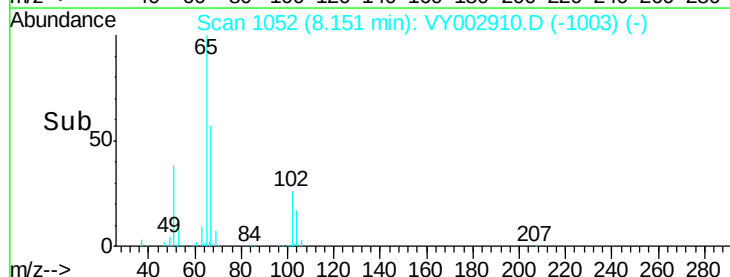
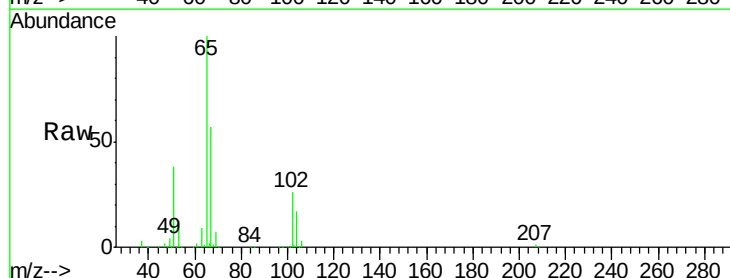
Instrument :
MSVOA_Y
ClientSampled :
HLP-B

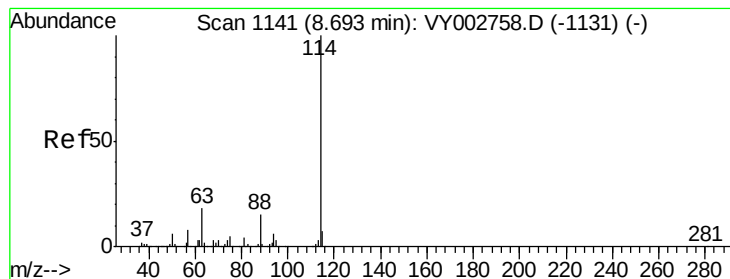
Tot Ion: 84 Resp: 14962
Ion Ratio Lower Upper
84 100
49 107.1 88.5 132.7
51 34.5 26.8 40.2
86 65.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 59.088 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002910.D
Acq: 16 Jun 2020 15:21

Tgt Ion: 65 Resp: 124523
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002910.D

Acq: 16 Jun 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

HLP-B

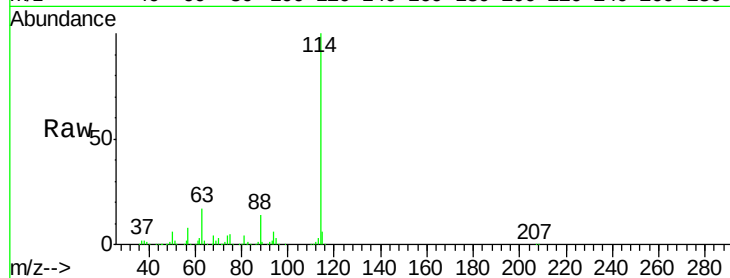
Tot Ion:114 Resp: 398728

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

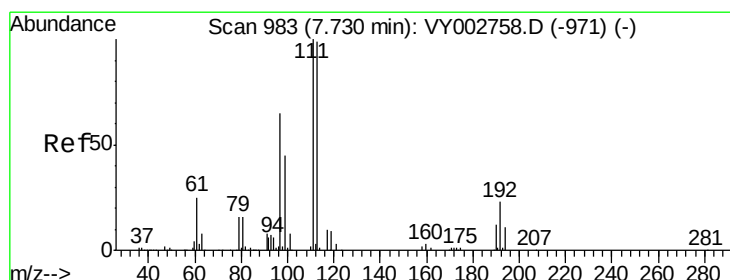
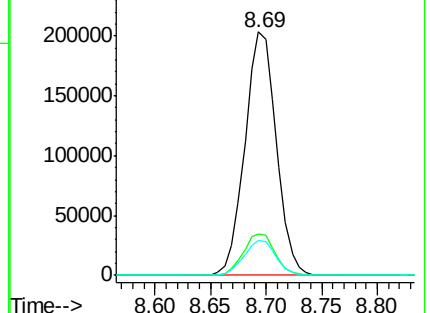
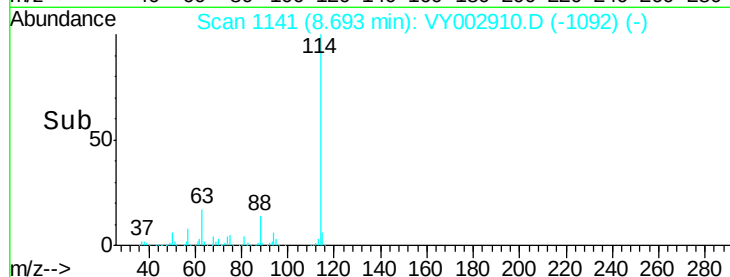
88 14.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.984 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002910.D

Acq: 16 Jun 2020 15:21

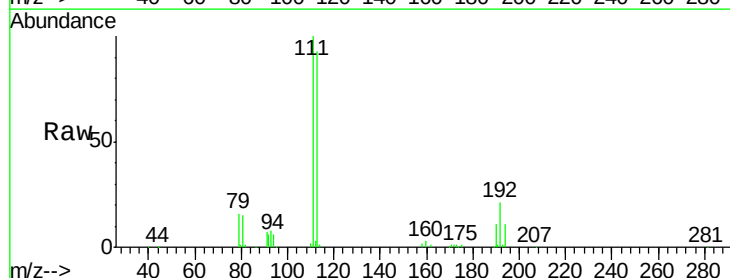
Tgt Ion:113 Resp: 123811

Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

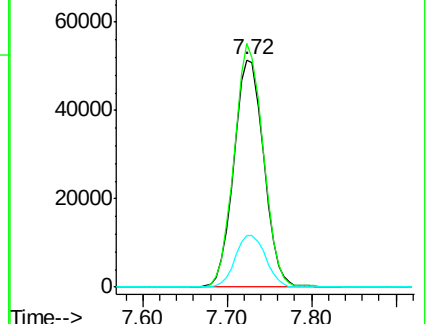
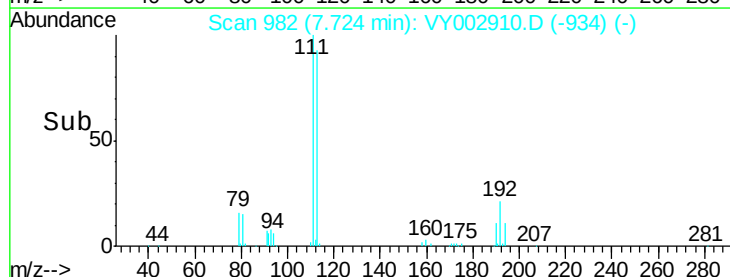
192 23.0 18.9 28.3

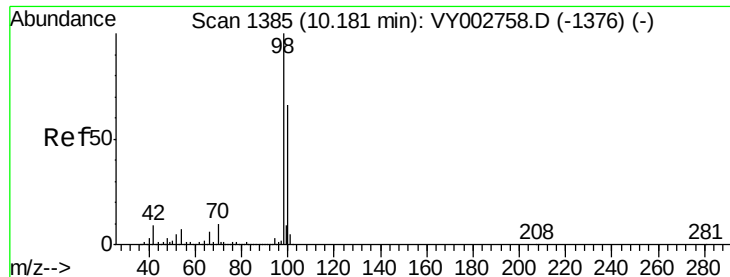


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.313 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002910.D

Acq: 16 Jun 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

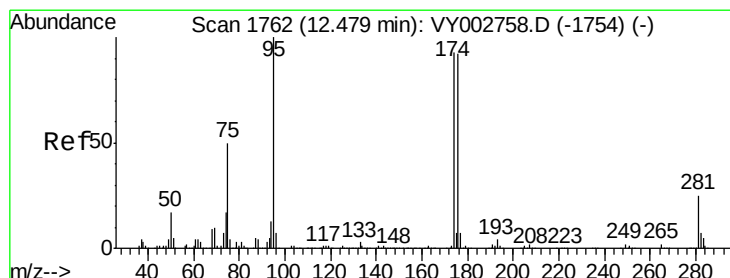
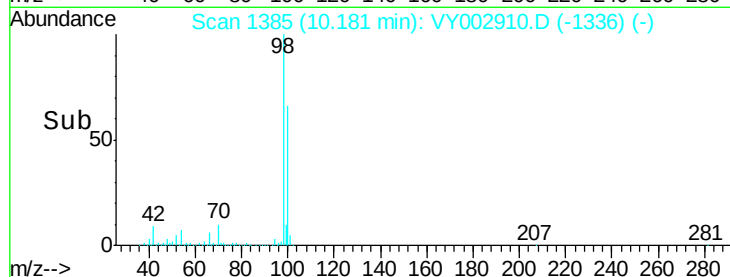
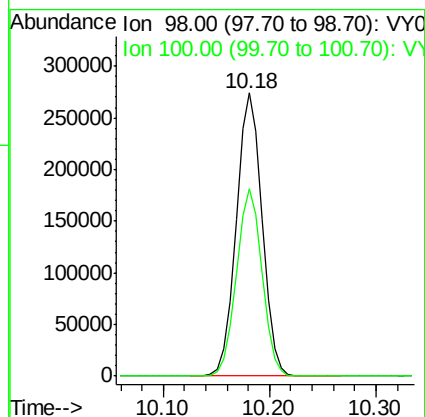
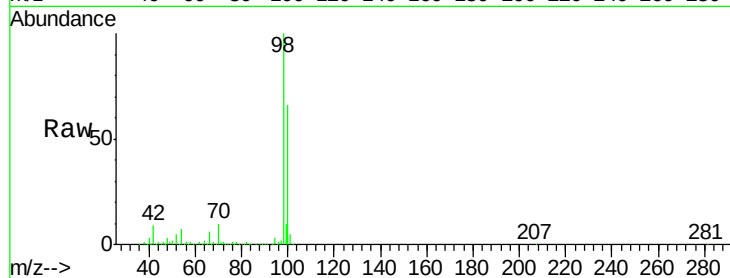
HLP-B

Tot Ion: 98 Resp: 465910

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.510 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002910.D

Acq: 16 Jun 2020 15:21

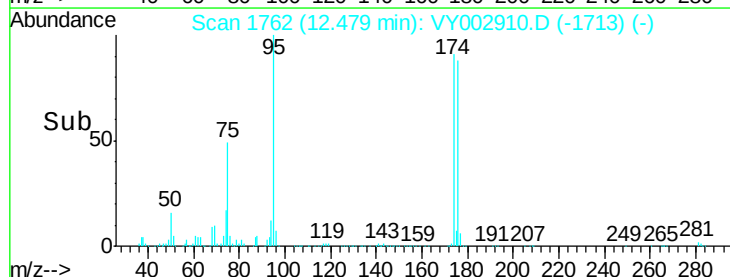
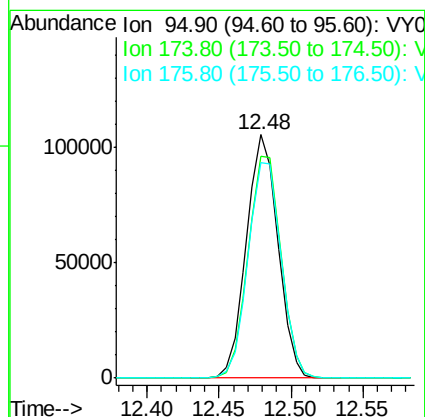
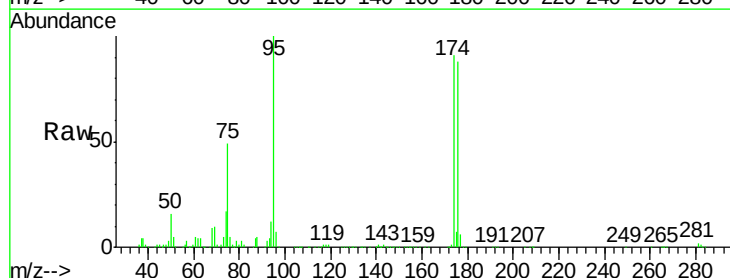
Tgt Ion: 95 Resp: 159862

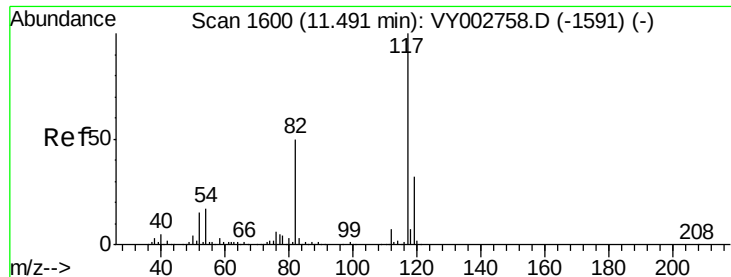
Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.2

176 92.7 0.0 188.8

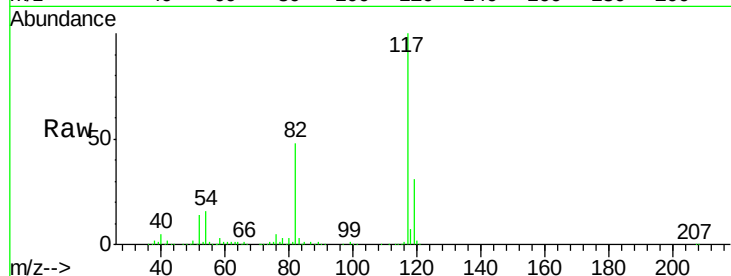




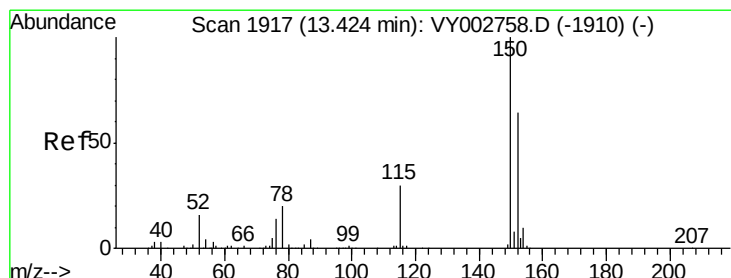
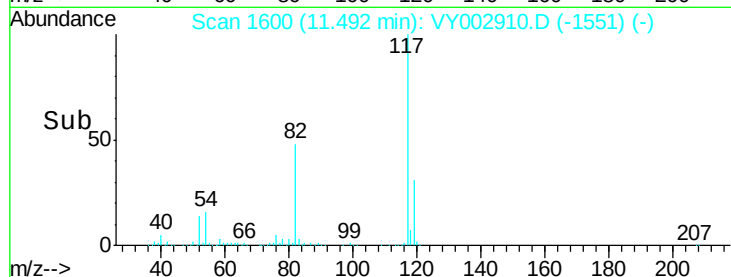
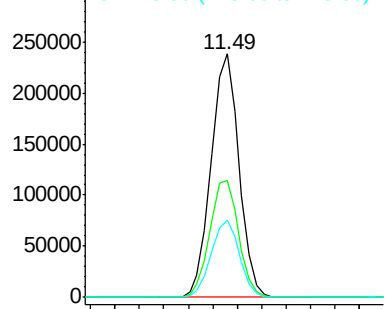
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002910.D
Acq: 16 Jun 2020 15:21

Instrument :
MSVOA_Y
ClientSampleId :
HLP-B

Tot Ion:117 Resp: 375725
Ion Ratio Lower Upper
117 100
82 48.1 40.2 60.4
119 31.5 25.8 38.8

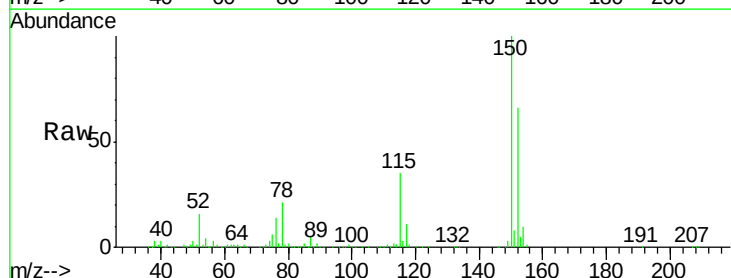


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002910.D
Acq: 16 Jun 2020 15:21

Tgt Ion:152 Resp: 189231
Ion Ratio Lower Upper
152 100
115 53.5 27.0 81.0
150 157.2 0.0 344.8



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

