

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061120\
 Data File : VY002888.D
 Acq On : 11 Jun 2020 13:46
 Operator : SY/MD
 Sample : L2819-01
 Misc : 6.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

Quant Time: Jun 11 16:56:39 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

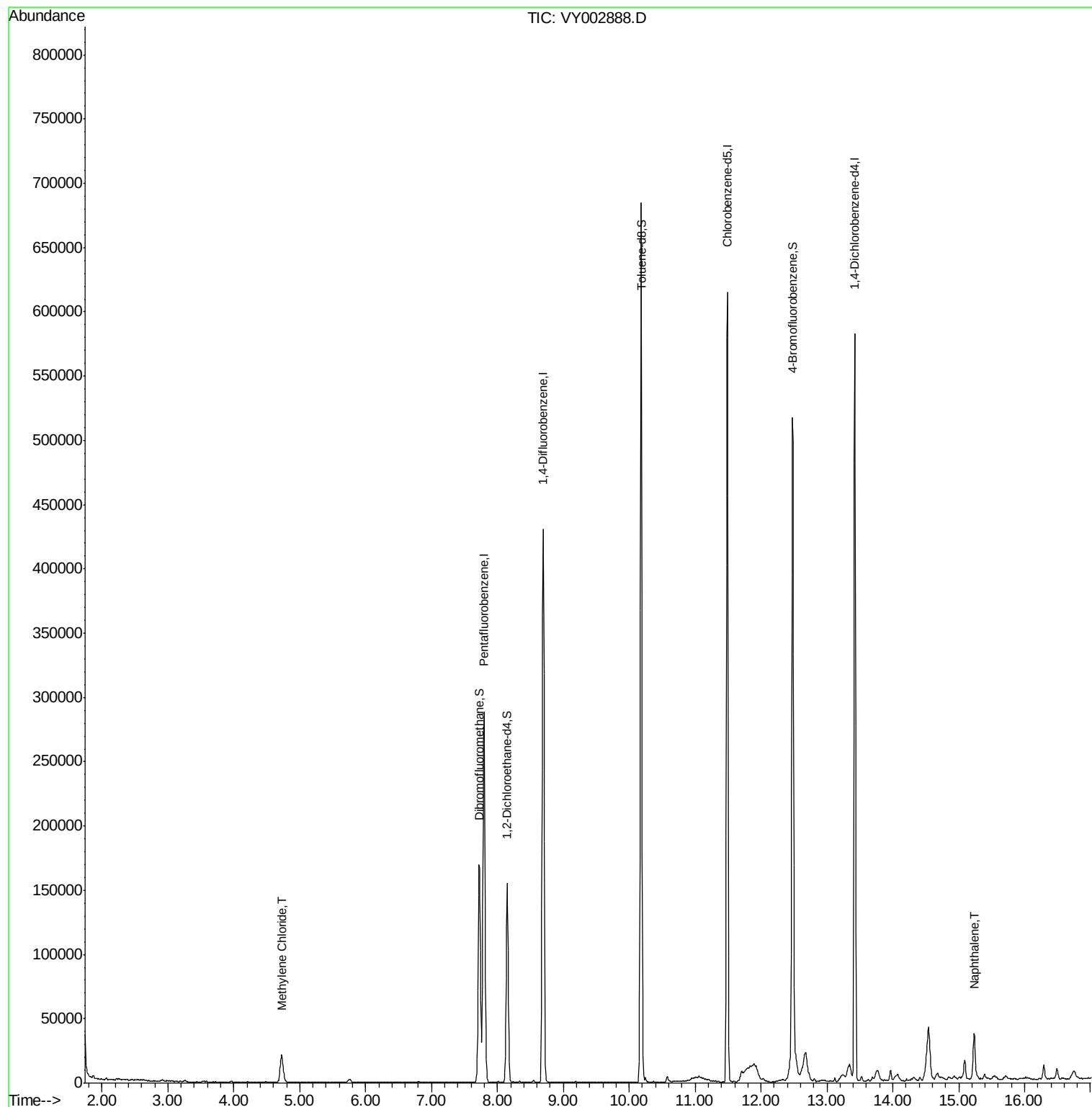
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	242181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	394810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	121107	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.73	113	121622	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
50) Toluene-d8	10.18	98	456151	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.48	95	146720	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
Target Compounds						
20) Methylene Chloride	4.73	84	17393	7.218	ug/l	98
95) Naphthalene	15.23	128	17498	2.555	ug/l #	95

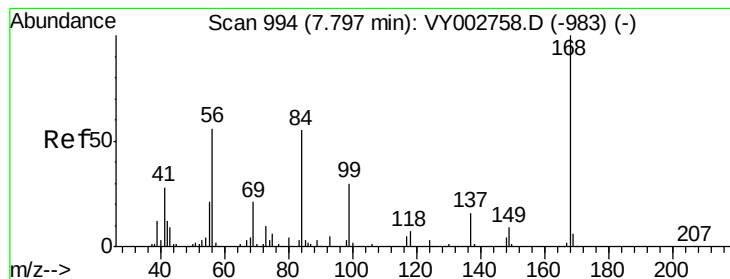
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002888.D

Acq: 11 Jun 2020 13:46

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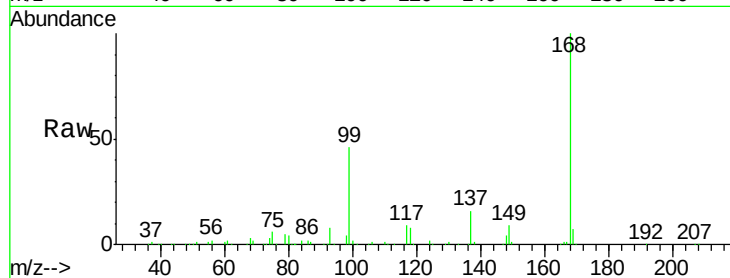
BU-02-061020

Tot Ion:168 Resp: 242181

Ion Ratio Lower Upper

168 100

99 46.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002888.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002888.D (-945) (-)

7.80

120000

100000

80000

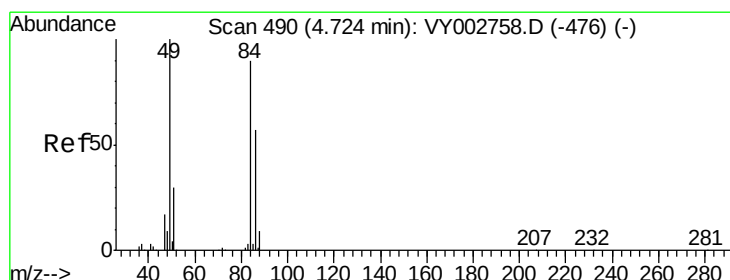
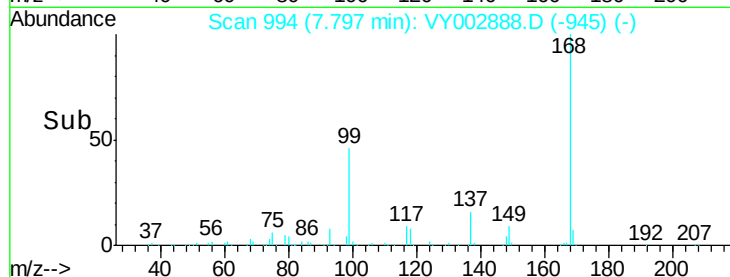
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.218 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Tgt Ion: 84 Resp: 17393

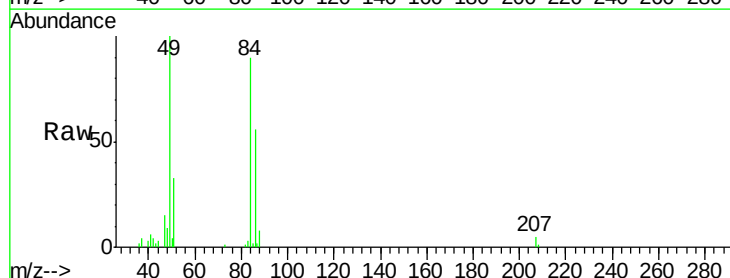
Ion Ratio Lower Upper

84 100

49 111.4 88.5 132.7

51 36.4 26.8 40.2

86 62.4 50.6 75.8



Abundance Ion 83.90 (83.60 to 84.60): VY002888.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY002888.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY002888.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY002888.D (-441) (-)

4.73

10000

8000

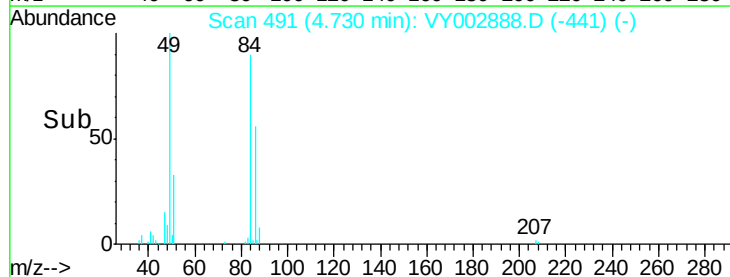
6000

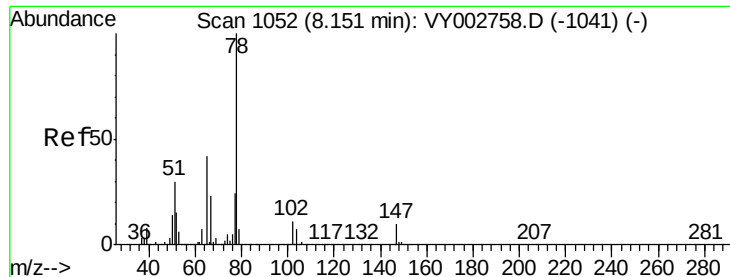
4000

2000

0

Time-->

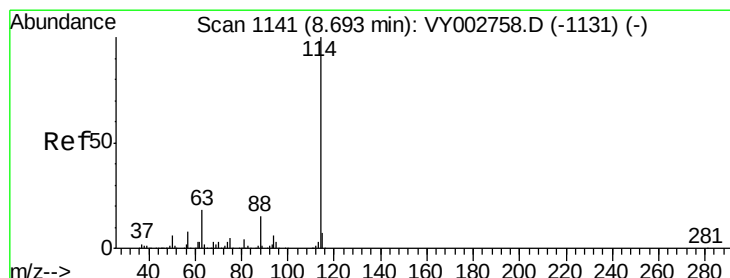
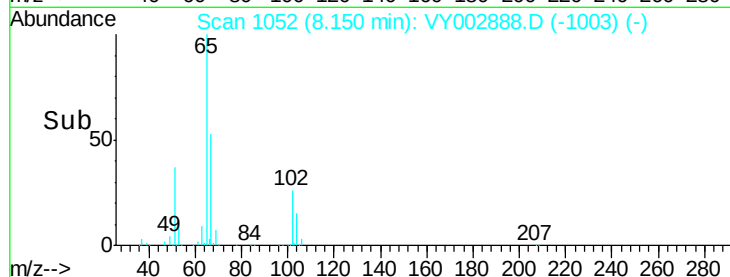
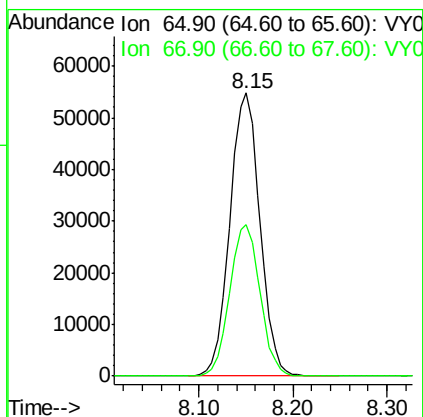
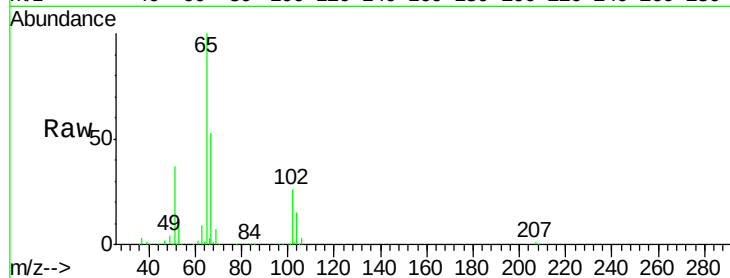




#33
 1,2-Dichloroethane-d4
 Concen: 57.593 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

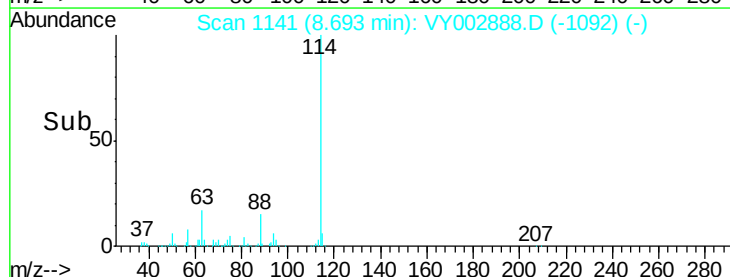
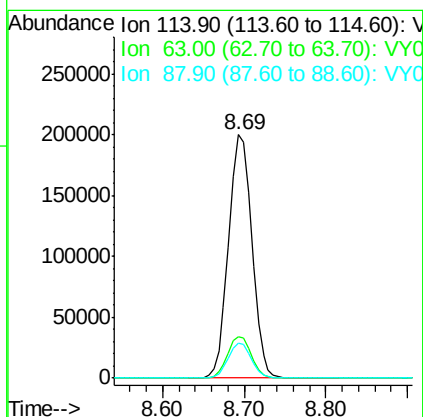
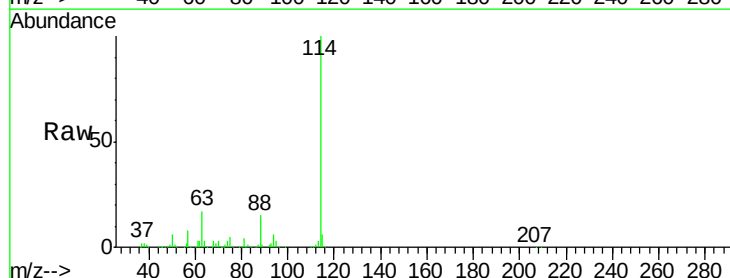
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

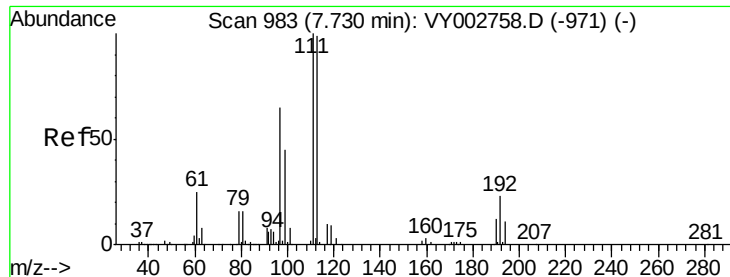
Tot Ion: 65 Resp: 121107
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

Tgt Ion: 114 Resp: 394810
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.2
 88 14.6 0.0 29.2

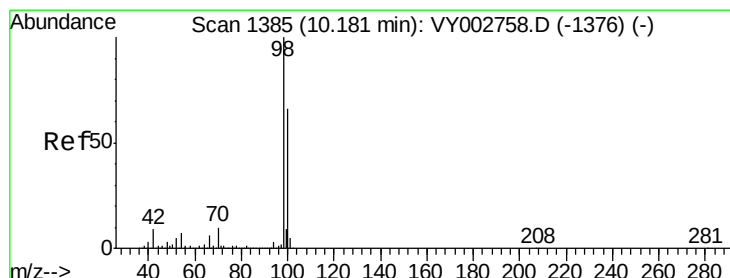
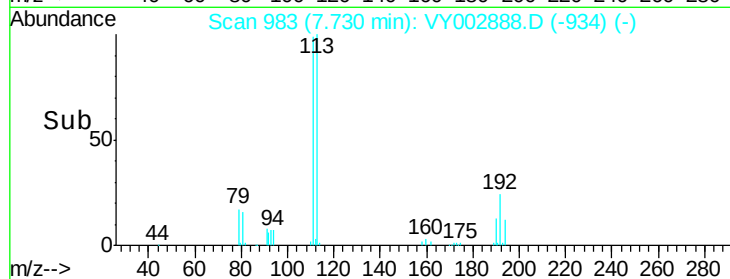
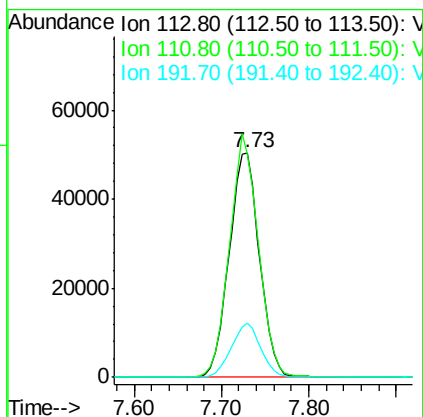
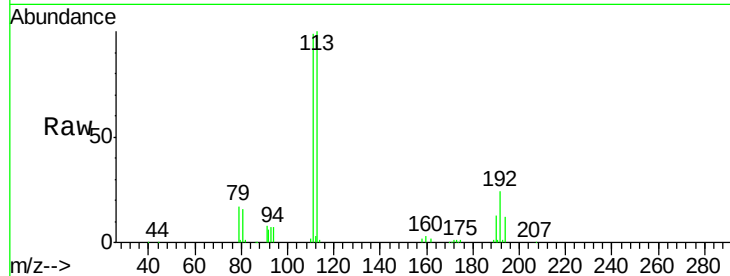




#35
Dibromofluoromethane
Concen: 52.564 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY002888.D
Acq: 11 Jun 2020 13:46

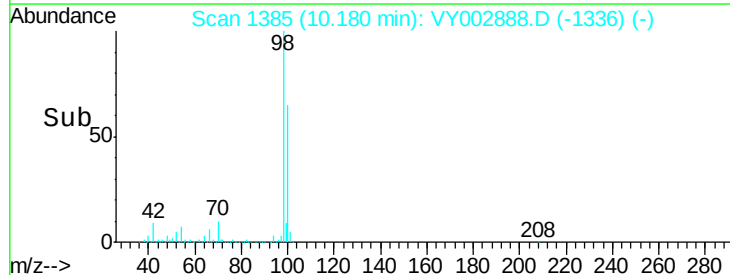
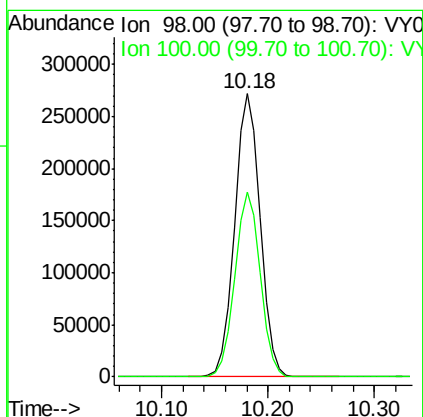
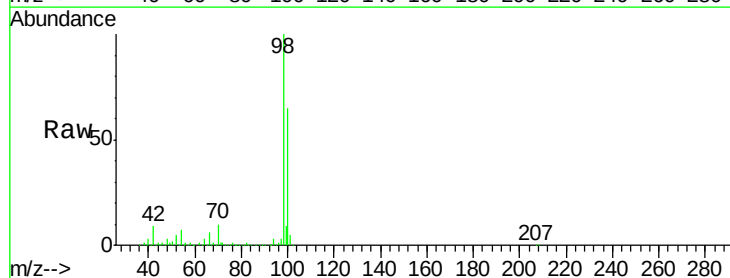
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-061020

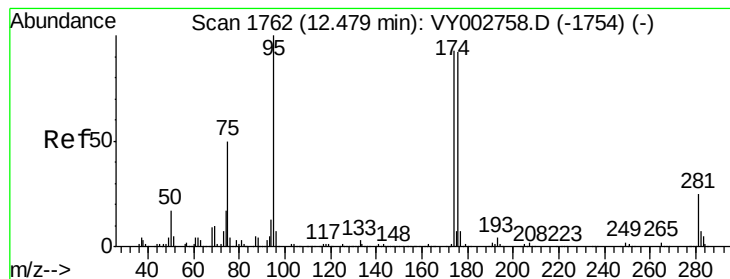
Tot Ion:113 Resp: 121622
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 23.4 18.9 28.3



#50
Toluene-d8
Concen: 48.759 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002888.D
Acq: 11 Jun 2020 13:46

Tgt Ion: 98 Resp: 456151
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 45.891 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

Instrument :

MSVOA_Y

ClientSampleId :

BU-02-061020

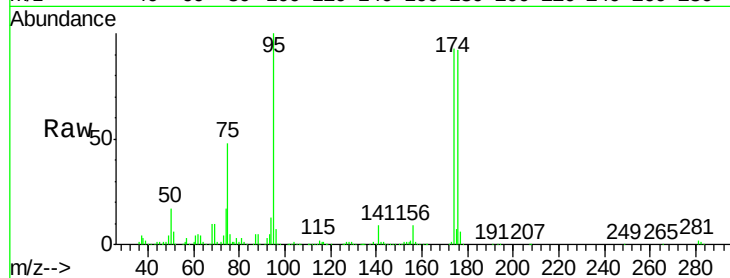
Tot Ion: 95 Resp: 146720

Ion Ratio Lower Upper

95 100

174 95.9 0.0 191.2

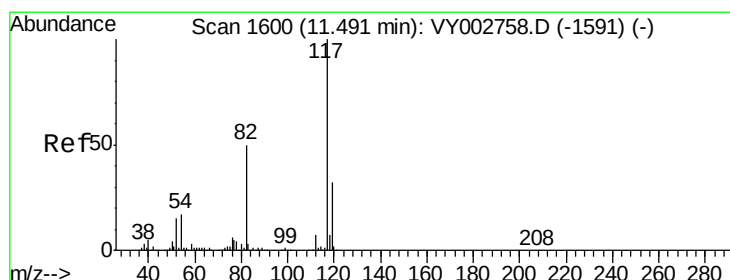
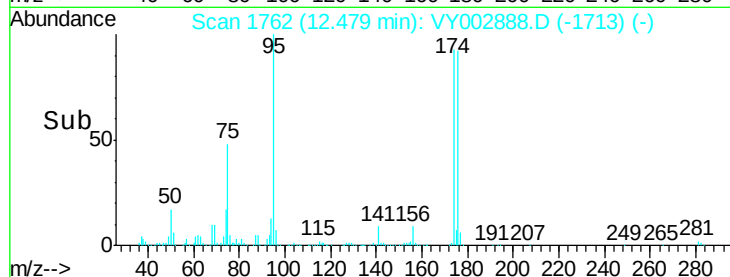
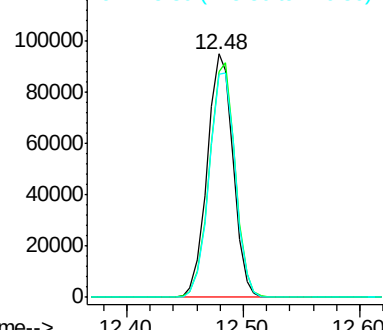
176 93.7 0.0 188.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002888.D

Acq: 11 Jun 2020 13:46

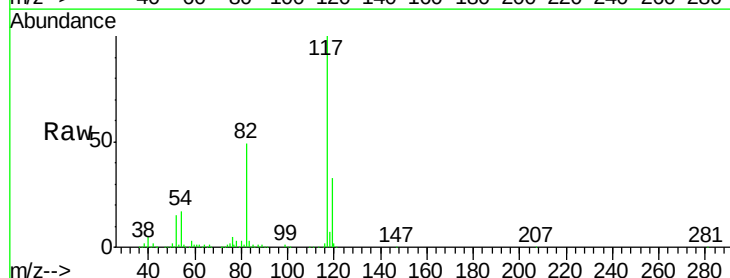
Tgt Ion: 117 Resp: 357185

Ion Ratio Lower Upper

117 100

82 49.0 40.2 60.4

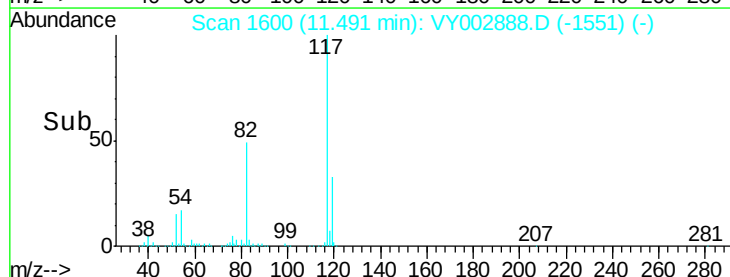
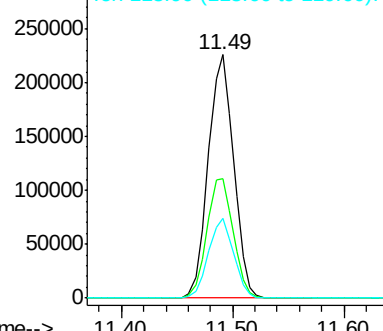
119 32.6 25.8 38.8

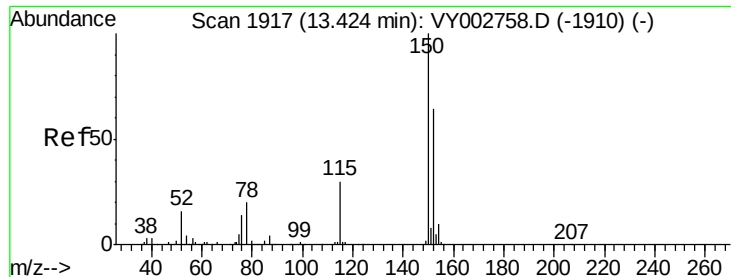


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

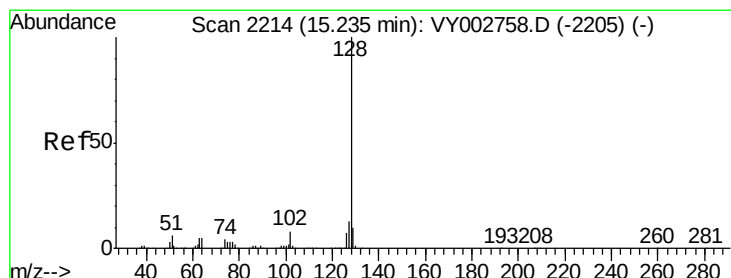
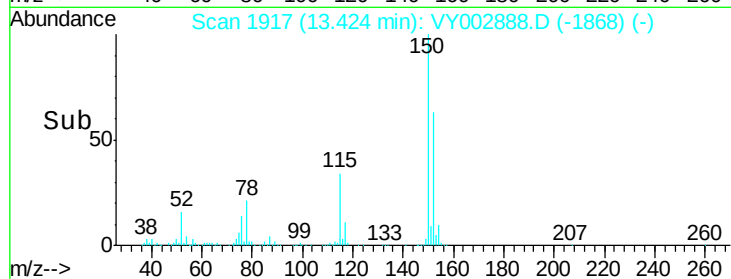
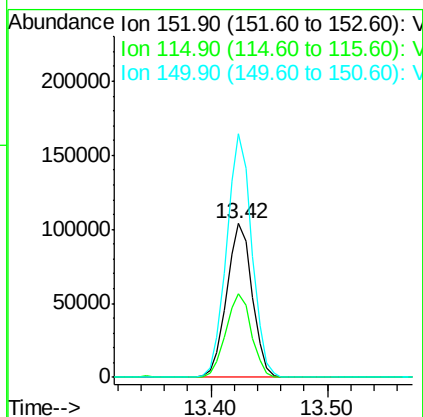
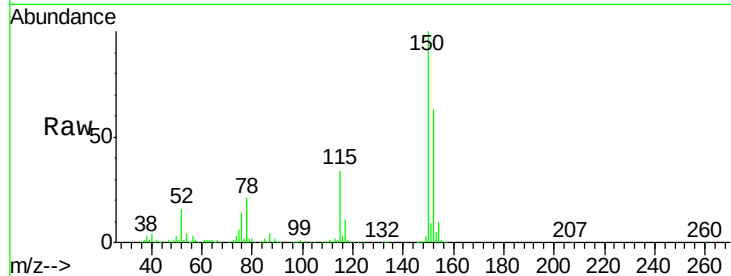




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-061020

Tot Ion:152 Resp: 158086
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.0 81.0
 150 155.8 0.0 344.8



#95
 Naphthalene
 Concen: 2.555 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: VY002888.D
 Acq: 11 Jun 2020 13:46

Tgt Ion:128 Resp: 17498
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.3 15.5
 129 13.2 8.7 13.1#

