

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001784.D
 Acq On : 26 Feb 2020 15:10
 Operator : SY/MD
 Sample : L1694-03
 Misc : 7.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-9.5-10

Quant Time: Feb 26 16:13:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

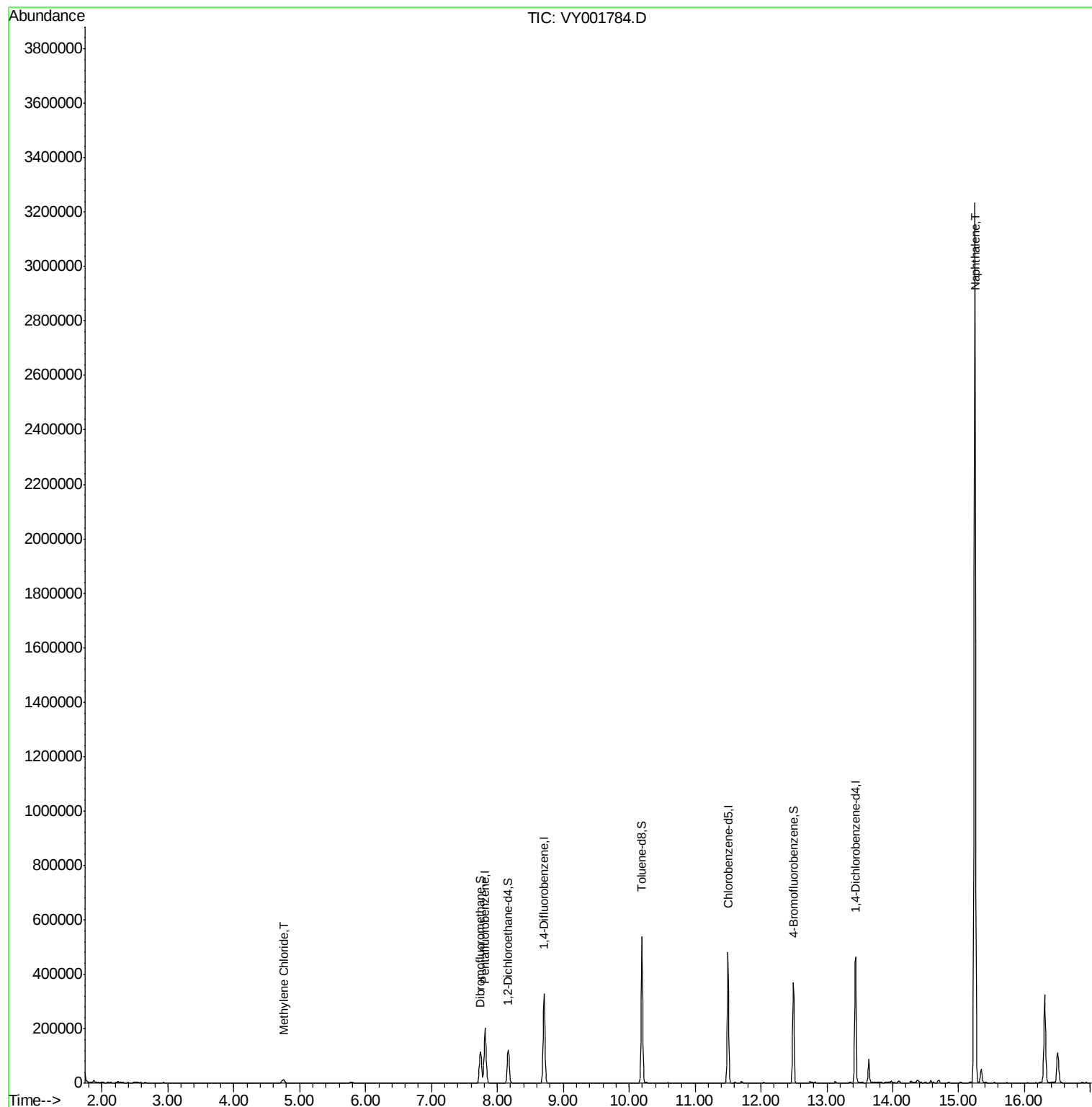
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	150676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	284245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90361	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	81850	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.19	98	347994	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	117676	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
20) Methylene Chloride	4.76	84	8890	4.463	ug/l	93
95) Naphthalene	15.25	128	2528205	489.990	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

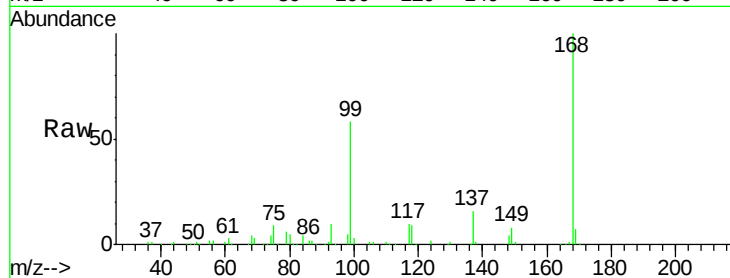
B3-9.5-10

Tot Ion:168 Resp: 150676

Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001784.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001784.D (-948) (-)

7.82

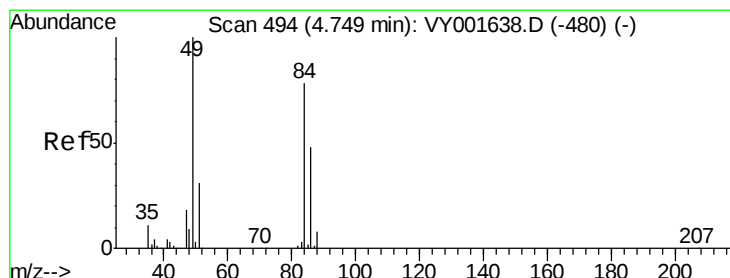
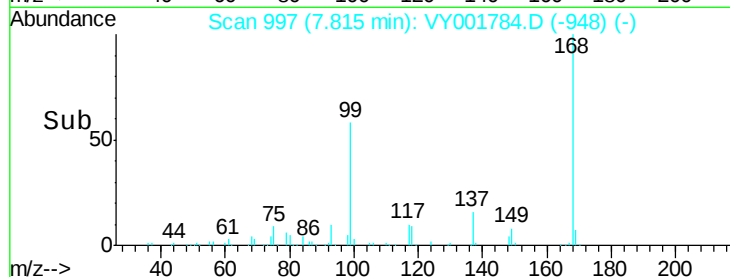
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 4.463 ug/l

RT: 4.76 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Tgt Ion: 84 Resp: 8890

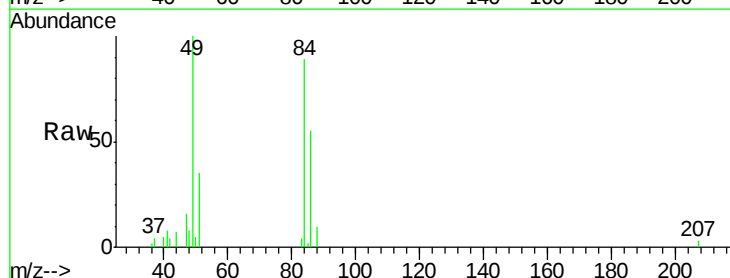
Ion Ratio Lower Upper

84 100

49 112.2 99.2 148.8

51 38.8 31.5 47.3

86 61.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001784.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001784.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001784.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001784.D (-445) (-)

4.76

5000

4000

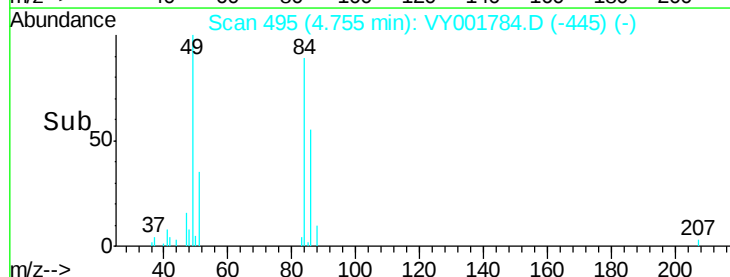
3000

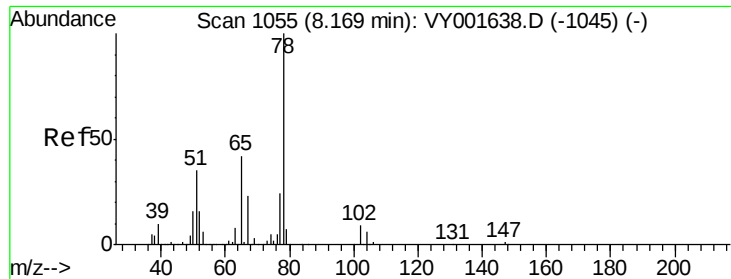
2000

1000

0

Time--> 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 55.753 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

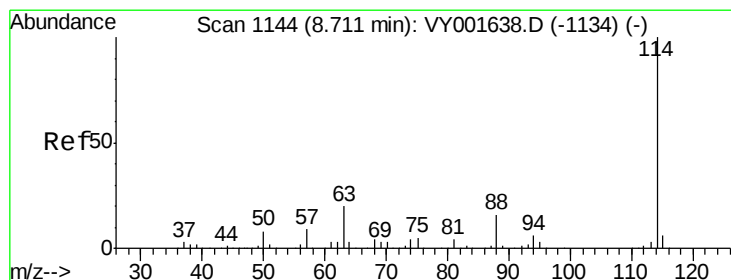
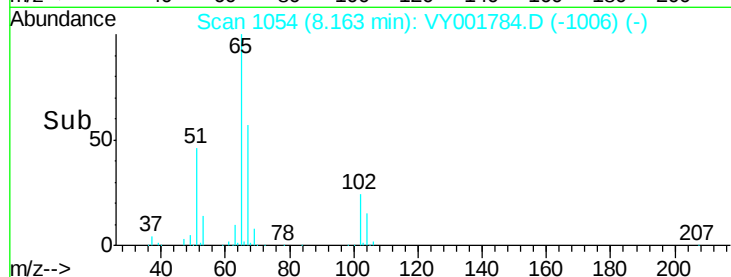
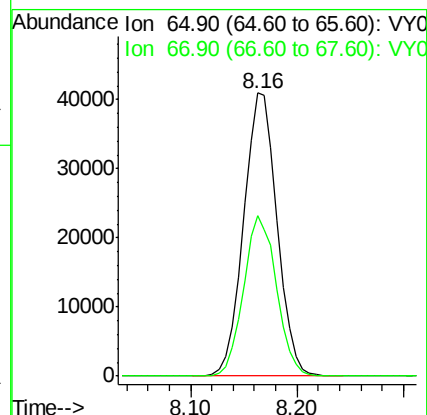
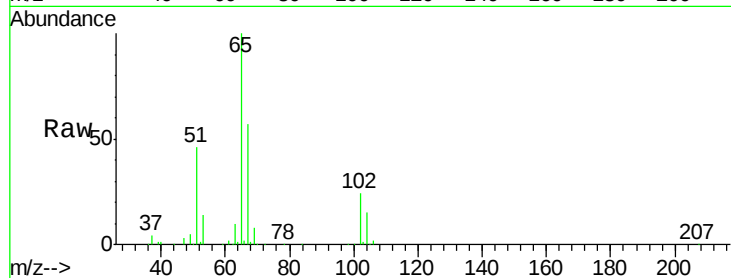
B3-9.5-10

Tot Ion: 65 Resp: 90361

Ion Ratio Lower Upper

65 100

67 55.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

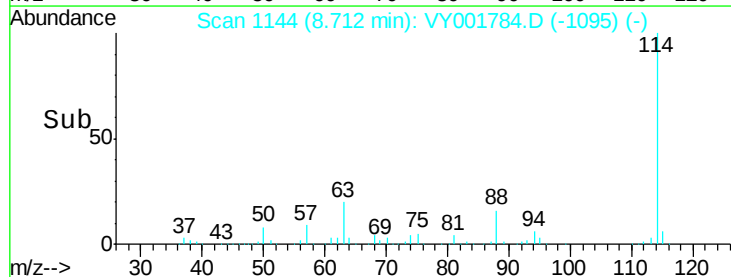
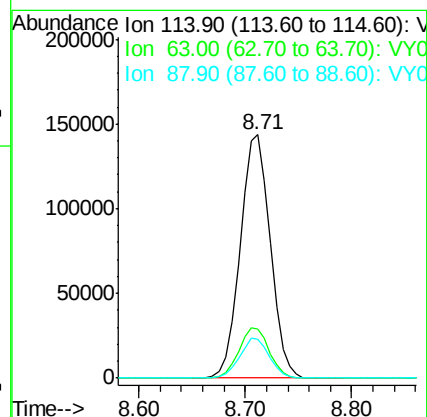
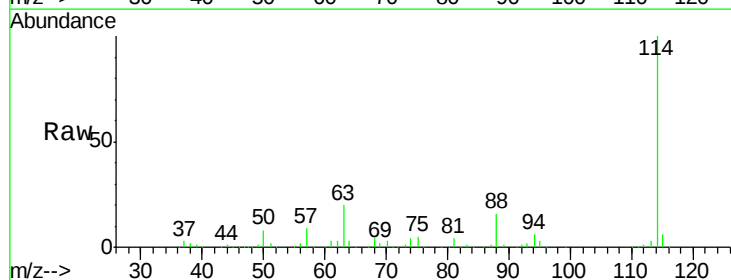
Tgt Ion: 114 Resp: 284245

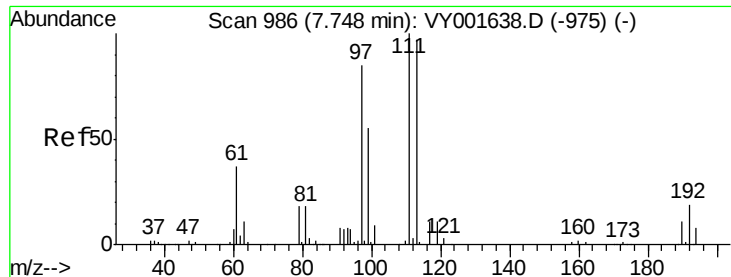
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 15.8 0.0 32.8

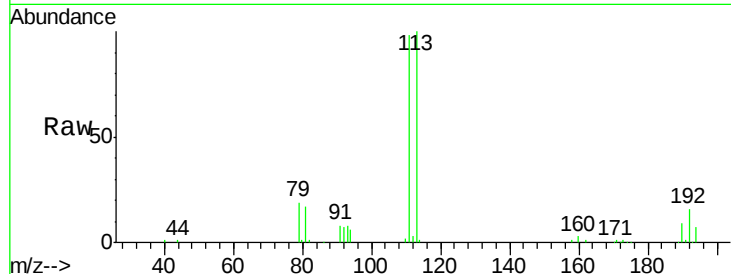




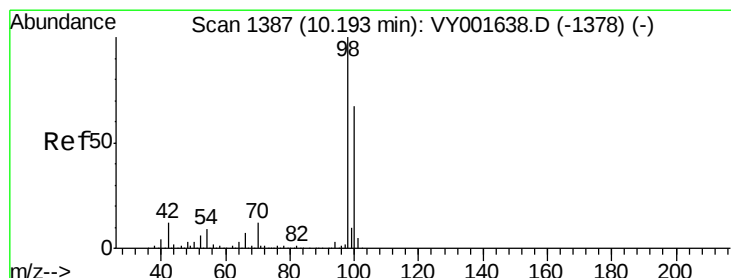
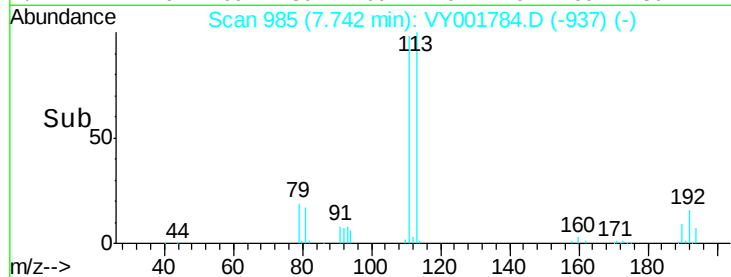
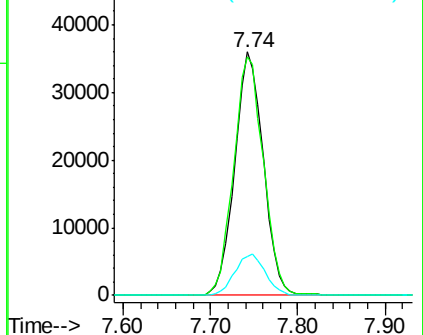
#35
 Dibromofluoromethane
 Concen: 50.275 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 B3-9.5-10

Tot Ion:113 Resp: 81850
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 18.2 14.3 21.5

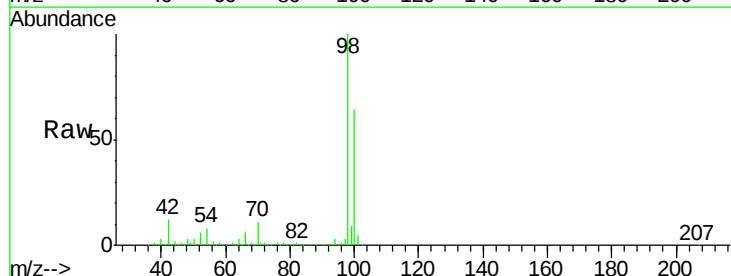


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

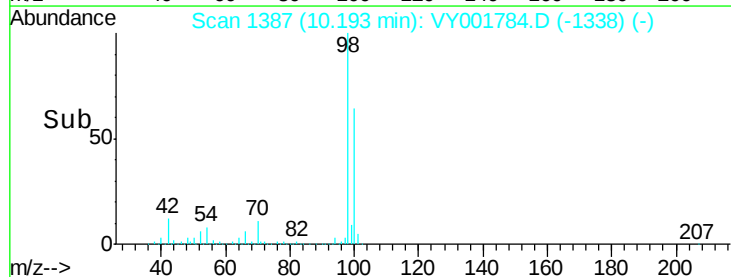
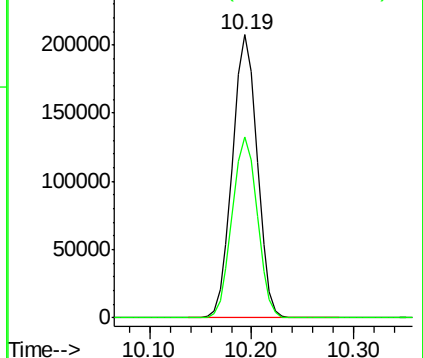


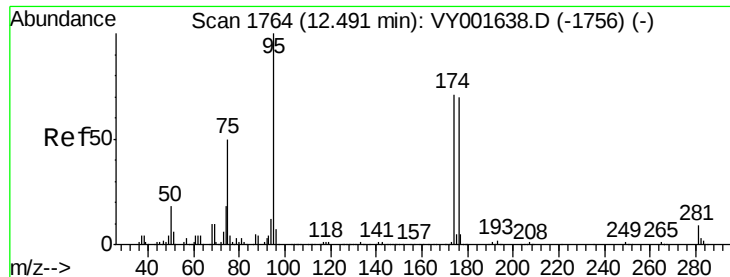
#50
 Toluene-d8
 Concen: 54.561 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001784.D
 Acq: 26 Feb 2020 15:10

Tgt Ion: 98 Resp: 347994
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

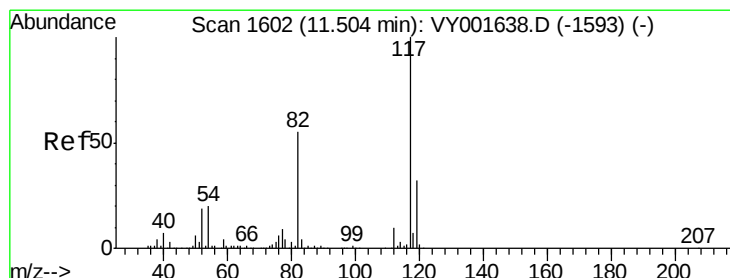
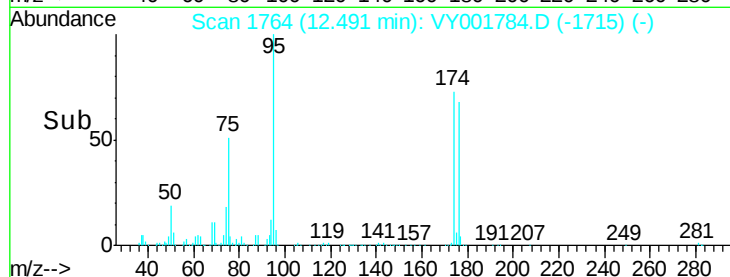
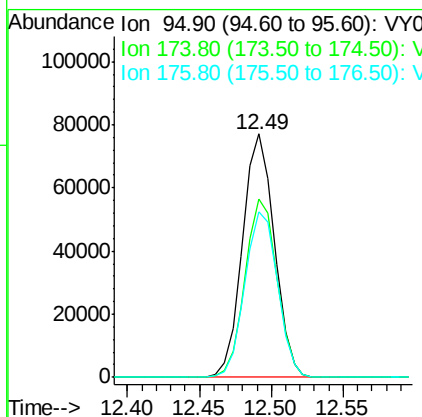
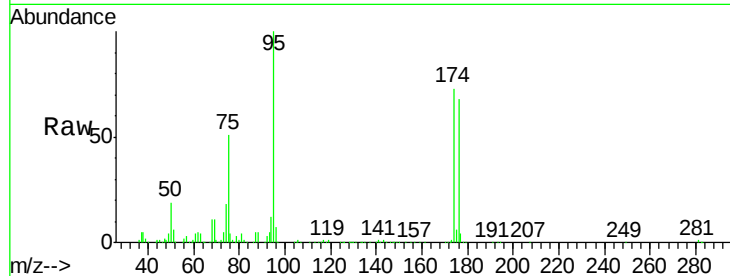




#62
4-Bromofluorobenzene
Concen: 47.491 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

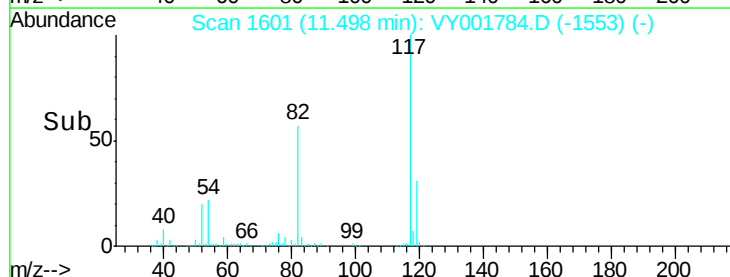
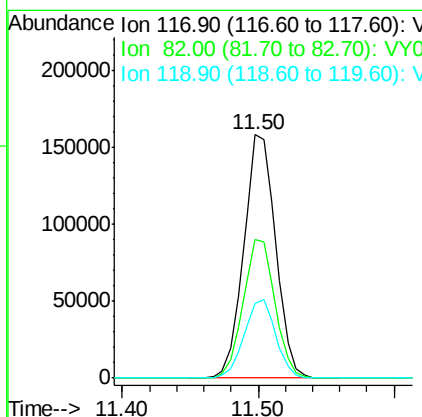
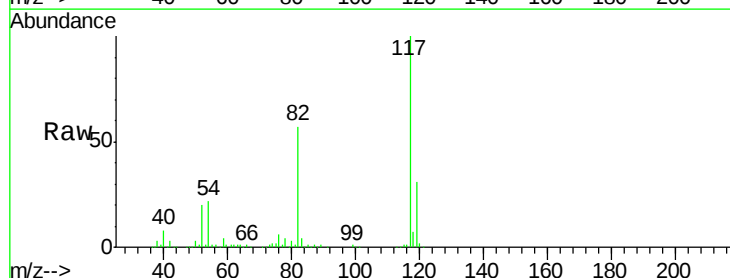
Instrument :
MSVOA_Y
ClientSampleId :
B3-9.5-10

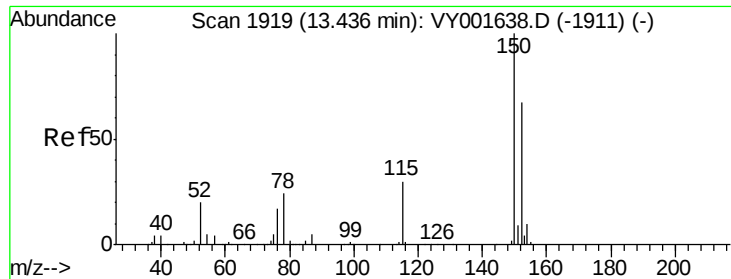
Tot Ion: 95 Resp: 117676
Ion Ratio Lower Upper
95 100
174 73.2 0.0 138.4
176 69.7 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001784.D
Acq: 26 Feb 2020 15:10

Tgt Ion: 117 Resp: 259479
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 30.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

B3-9.5-10

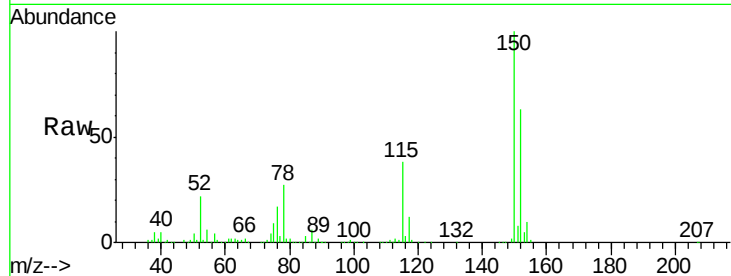
Tot Ion:152 Resp: 114246

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.2

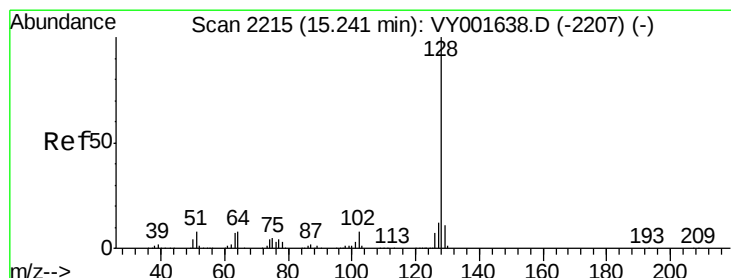
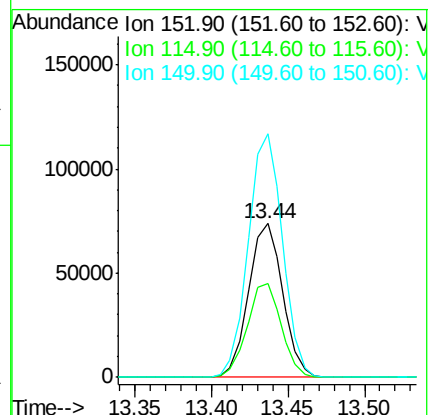
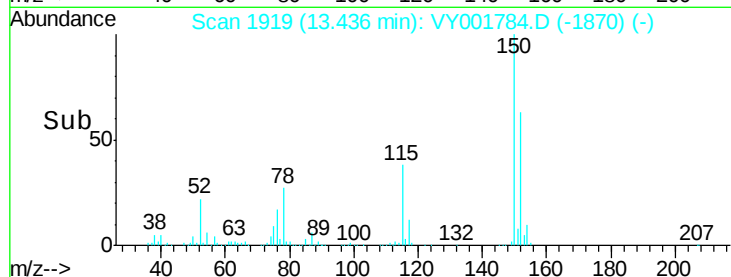
150 158.5 0.0 407.2



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



#95

Naphthalene

Concen: 489.990 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001784.D

Acq: 26 Feb 2020 15:10

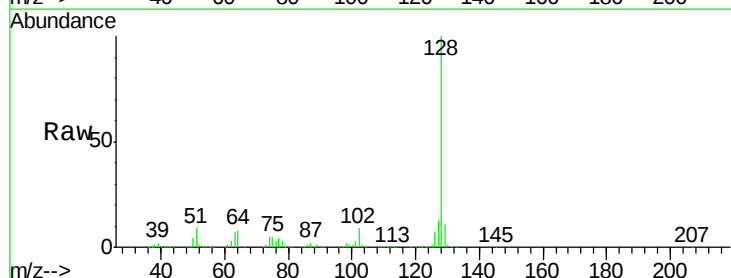
Tgt Ion:128 Resp: 2528205

Ion Ratio Lower Upper

128 100

127 12.6 9.9 14.9

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

