

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001703.D
 Acq On : 19 Feb 2020 16:52
 Operator : SY/MD
 Sample : L1600-06
 Misc : 6.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B-D2

Quant Time: Feb 20 06:12:29 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

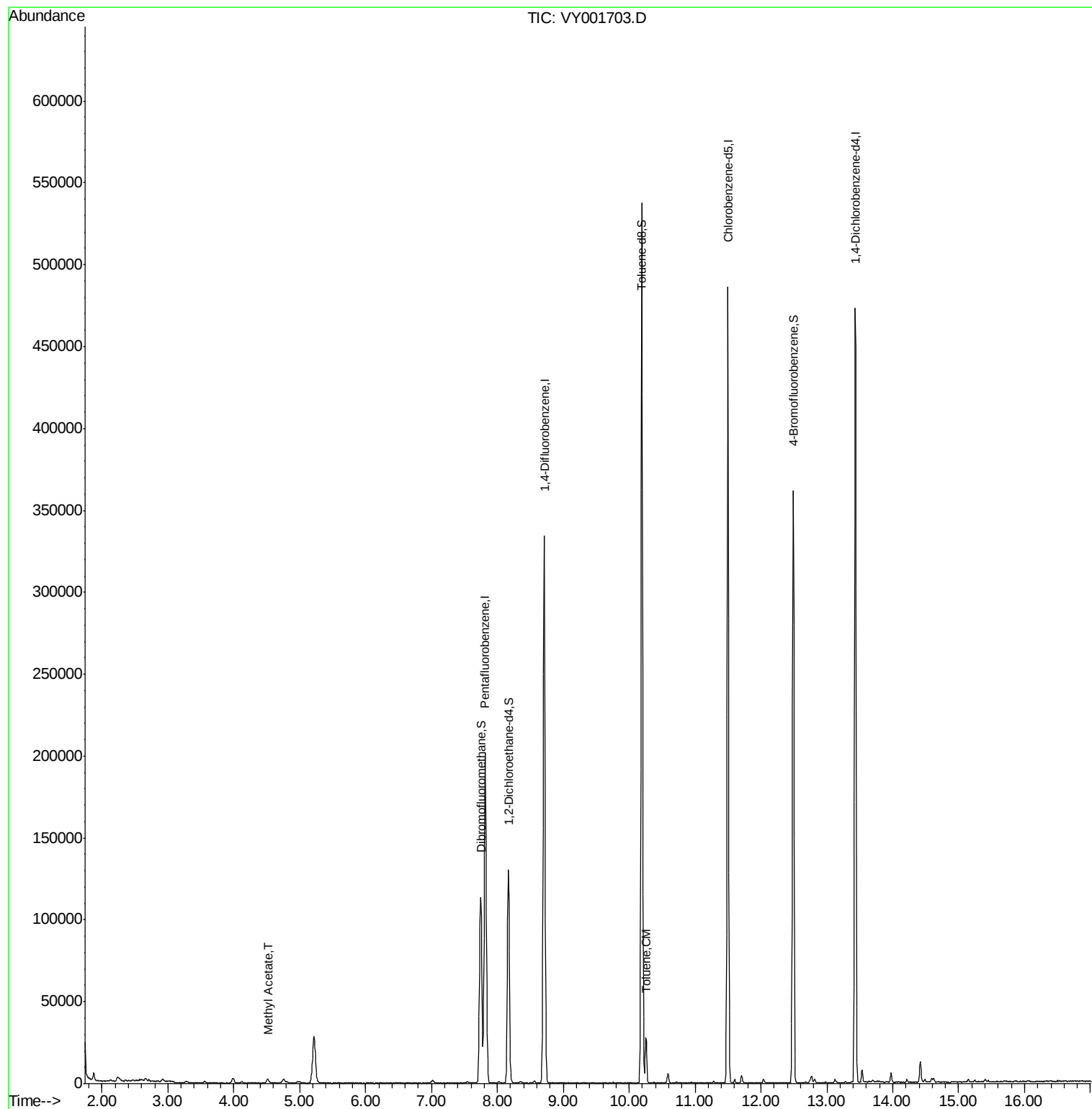
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	154367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95383	57.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.88%	
35) Dibromofluoromethane	7.74	113	82676	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.19	98	348517	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.49	95	118519	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
18) Methyl Acetate	4.52	43	4440	3.549	ug/l	99
52) Toluene	10.25	92	11131	2.205	ug/l	96

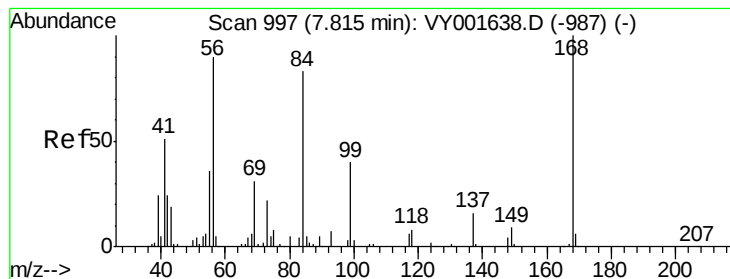
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampled :

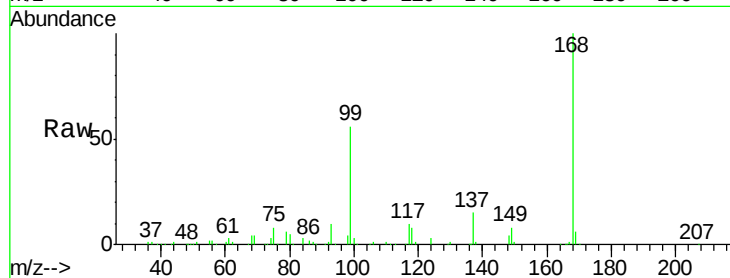
TP-B-D2

Tot Ion:168 Resp: 154367

Ion Ratio Lower Upper

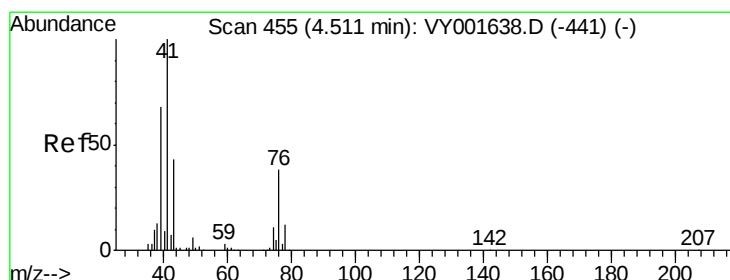
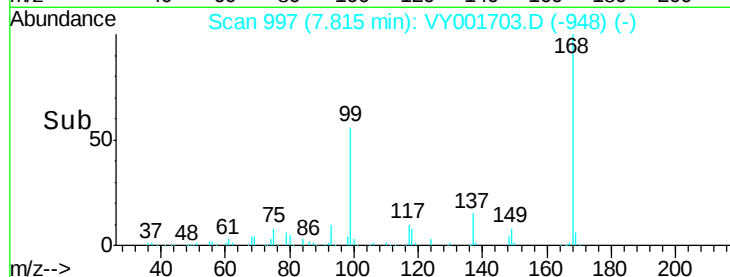
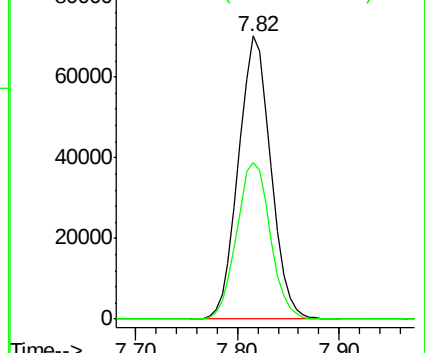
168 100

99 55.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#18

Methyl Acetate

Concen: 3.549 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001703.D

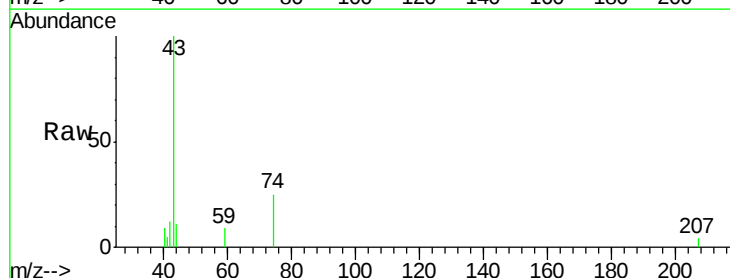
Acq: 19 Feb 2020 16:52

Tgt Ion: 43 Resp: 4440

Ion Ratio Lower Upper

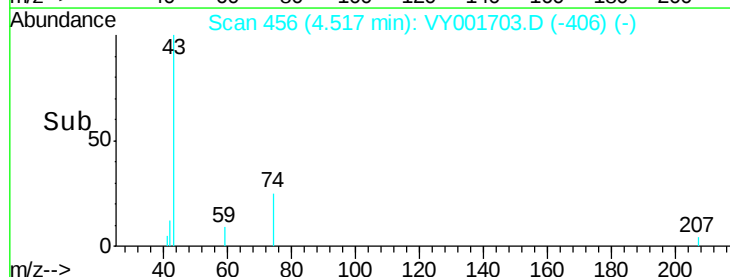
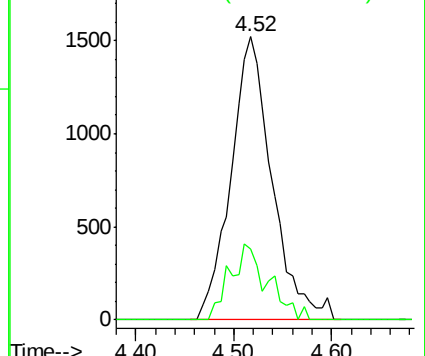
43 100

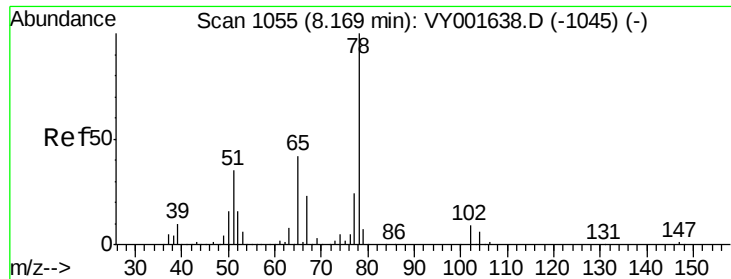
74 24.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 57.444 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

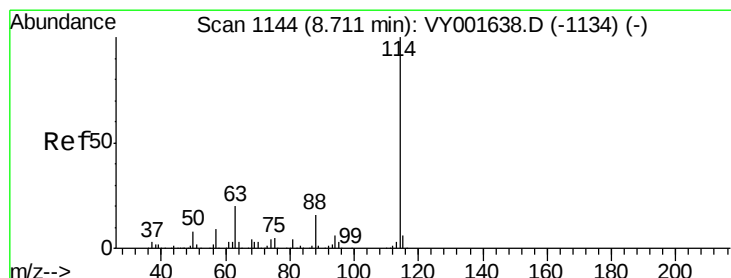
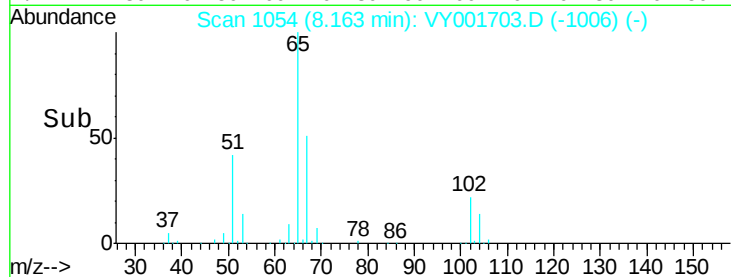
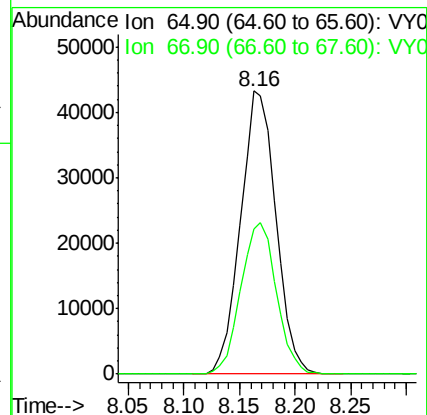
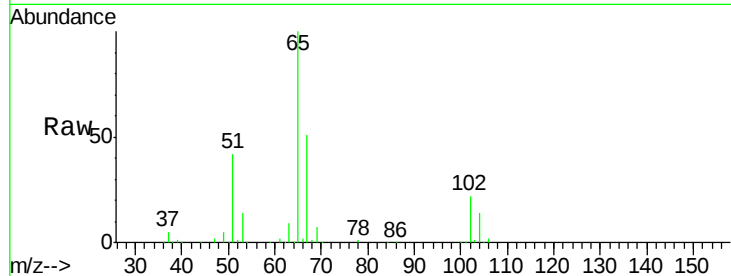
TP-B-D2

Tot Ion: 65 Resp: 95383

Ion Ratio Lower Upper

65 100

67 53.8 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: VY001703.D

Acq: 19 Feb 2020 16:52

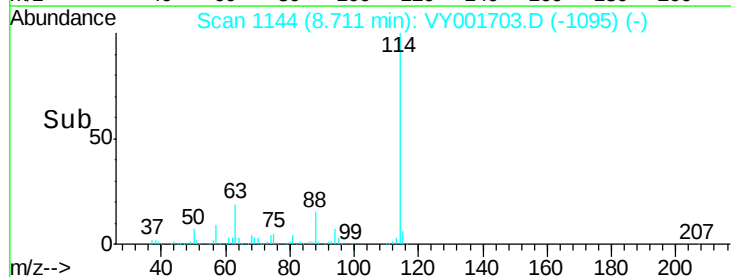
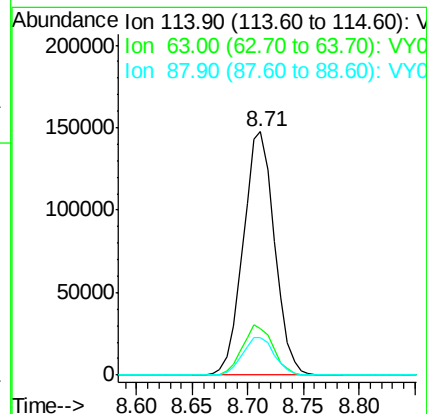
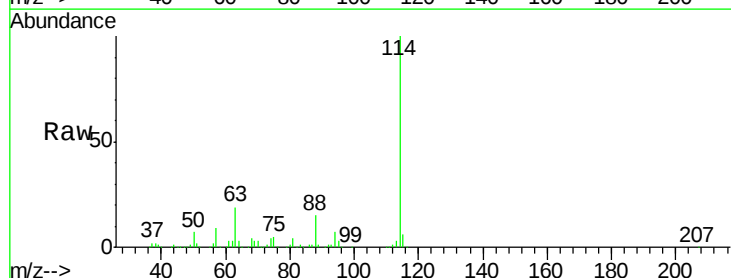
Tgt Ion: 114 Resp: 288076

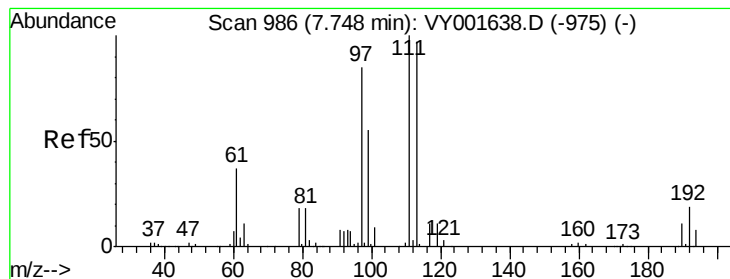
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.108 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-B-D2

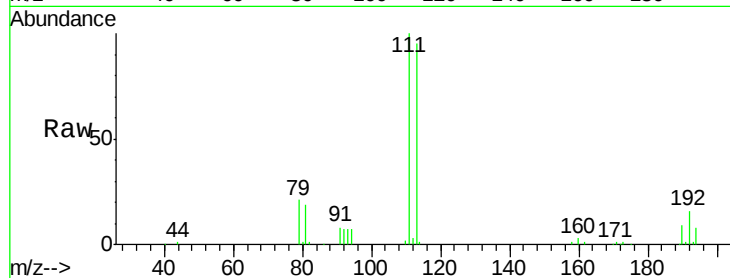
Tot Ion:113 Resp: 82676

Ion Ratio Lower Upper

113 100

111 105.7 81.9 122.9

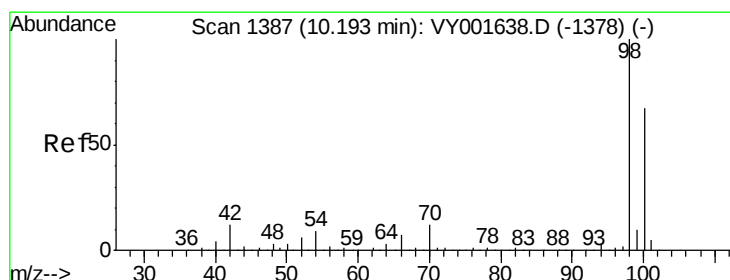
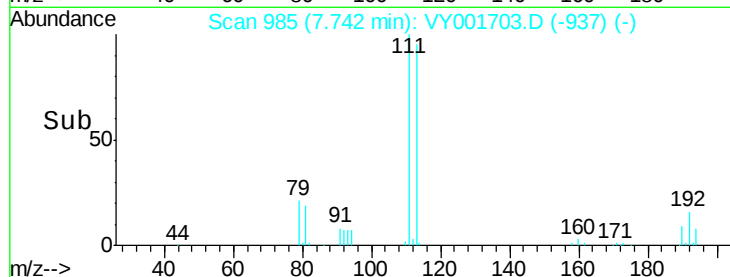
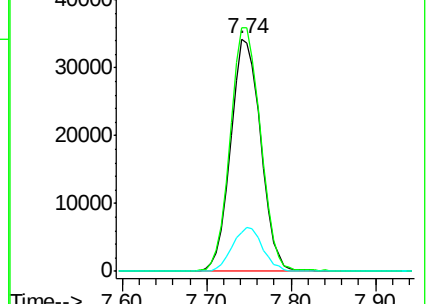
192 19.0 14.3 21.5



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: 53.916 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001703.D

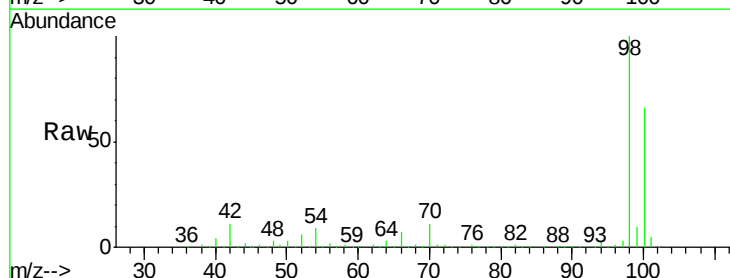
Acq: 19 Feb 2020 16:52

Tgt Ion: 98 Resp: 348517

Ion Ratio Lower Upper

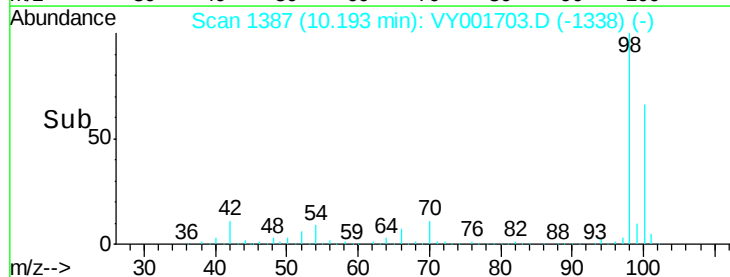
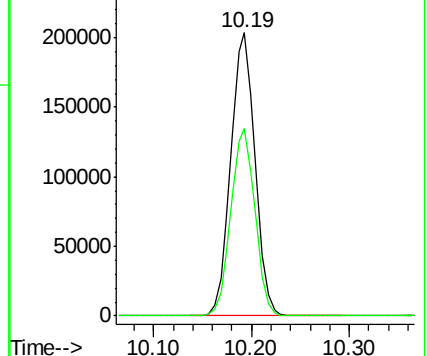
98 100

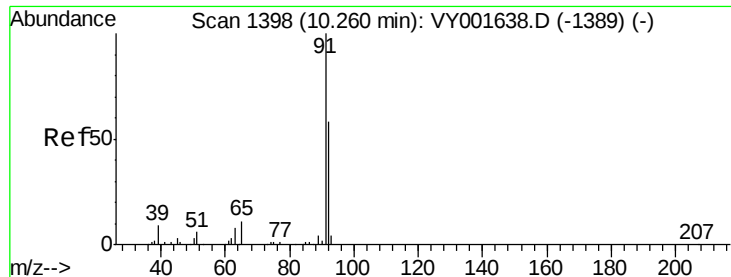
100 65.9 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 2.205 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampled :

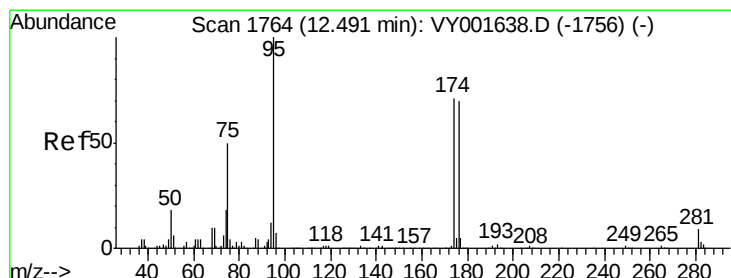
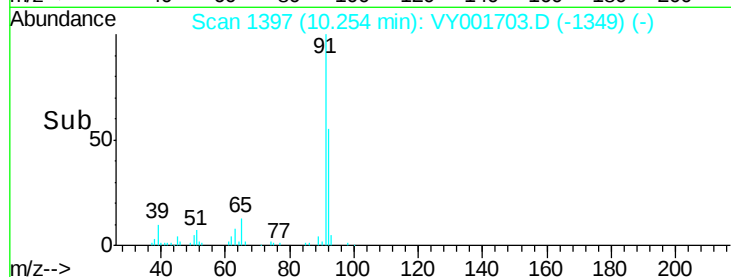
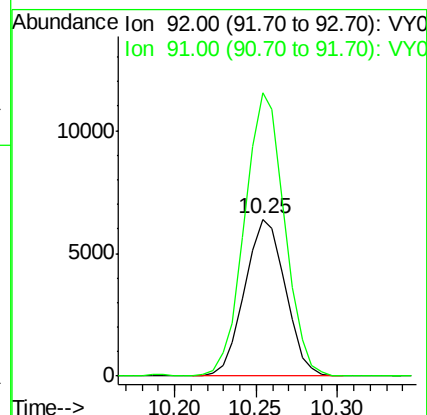
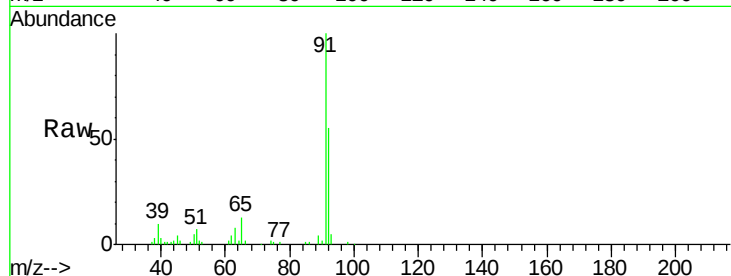
TP-B-D2

Tot Ion: 92 Resp: 11131

Ion Ratio Lower Upper

92 100

91 176.9 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

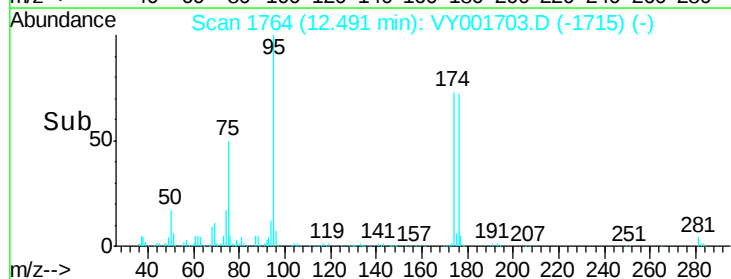
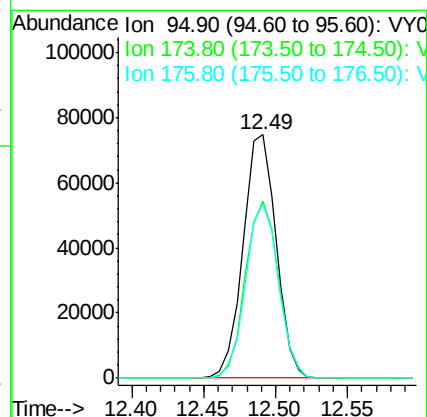
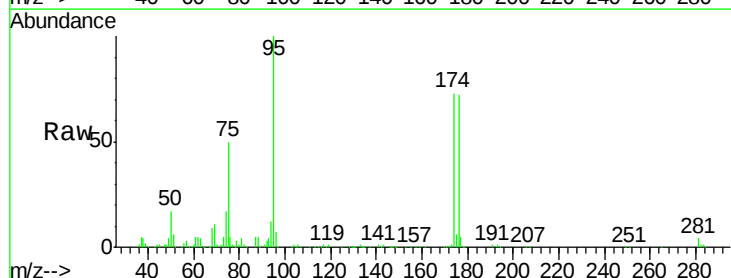
Tgt Ion: 95 Resp: 118519

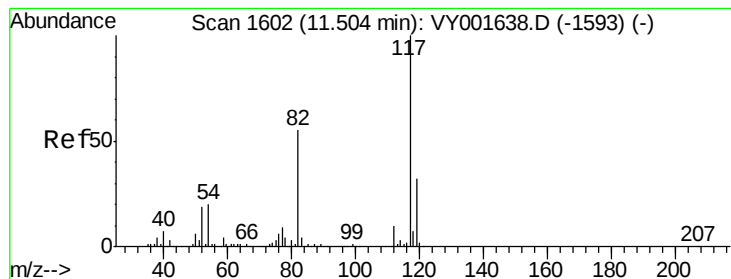
Ion Ratio Lower Upper

95 100

174 73.0 0.0 138.4

176 71.0 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: VY001703.D

Acq: 19 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

TP-B-D2

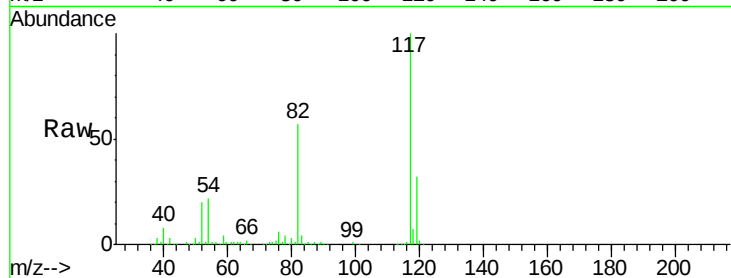
Tot Ion:117 Resp: 259280

Ion Ratio Lower Upper

117 100

82 57.4 45.5 68.3

119 31.7 25.8 38.6



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

11.50

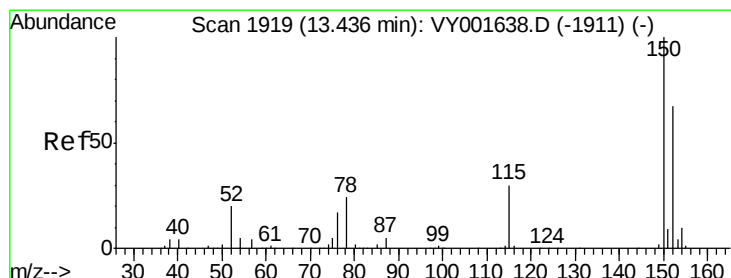
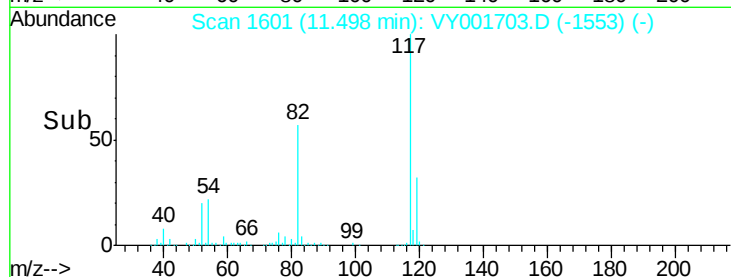
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001703.D

Acq: 19 Feb 2020 16:52

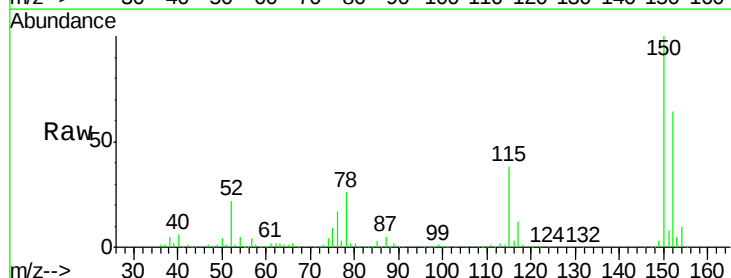
Tgt Ion:152 Resp: 115336

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

150 158.4 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

13.44

150000

100000

50000

0

Time--> 13.40 13.50

