

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001653.D
 Acq On : 17 Feb 2020 17:51
 Operator : SY/MD
 Sample : L1546-10
 Misc : 7.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(5)

Quant Time: Feb 18 00:53:10 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

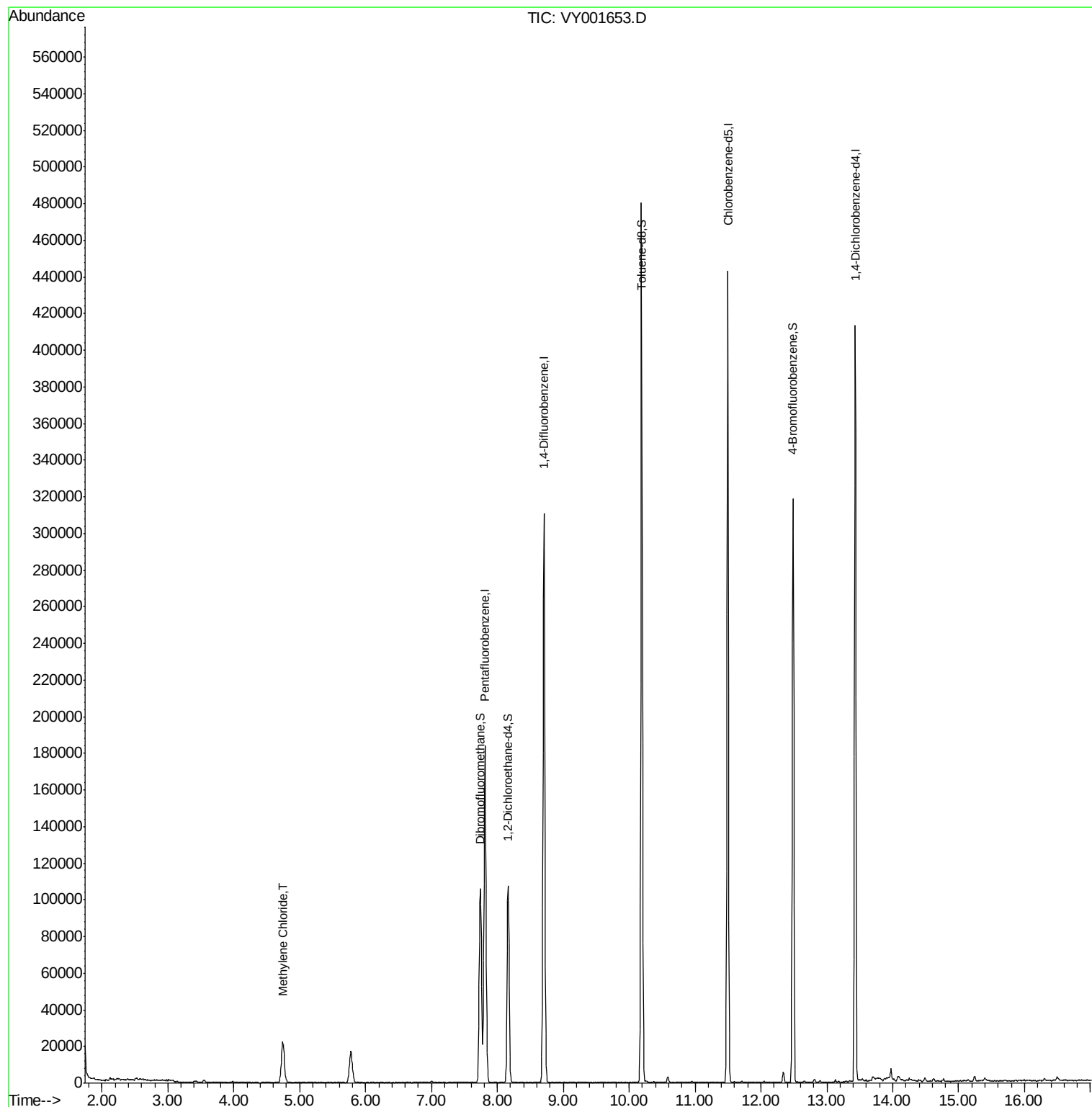
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	137353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	262784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	235424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	97598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80786	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	7.74	113	76417	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.19	98	315812	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.49	95	104299	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
20) Methylene Chloride	4.74	84	16738	9.218	ug/l	Qvalue 98

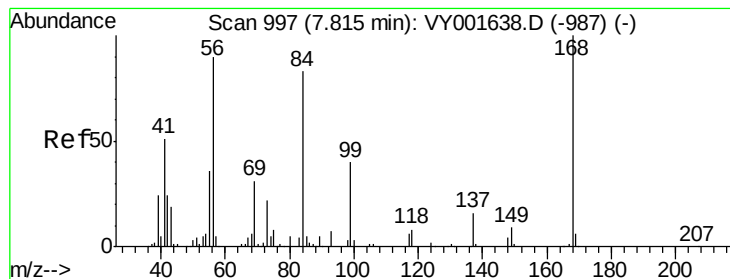
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001653.D

Acq: 17 Feb 2020 17:51

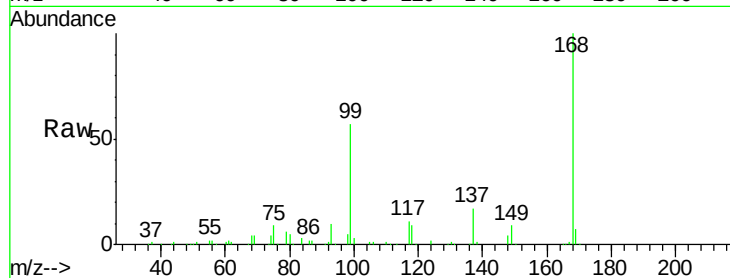
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(5)

Tot Ion:168 Resp: 137353

Ion Ratio Lower Upper

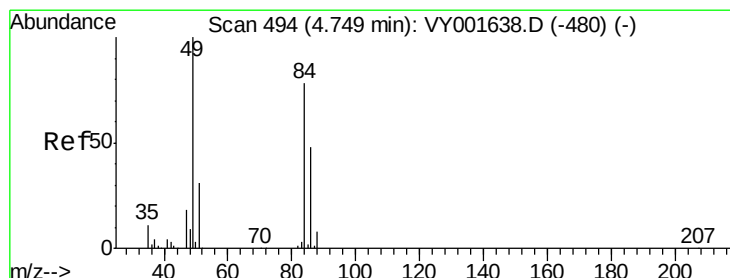
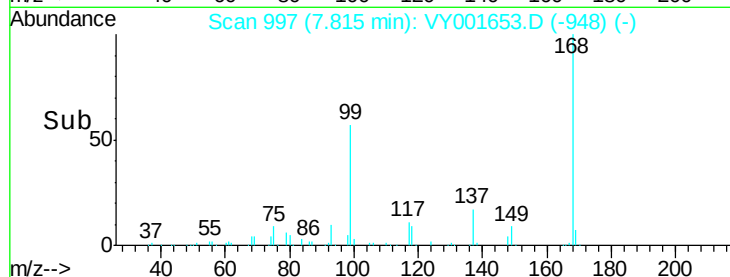
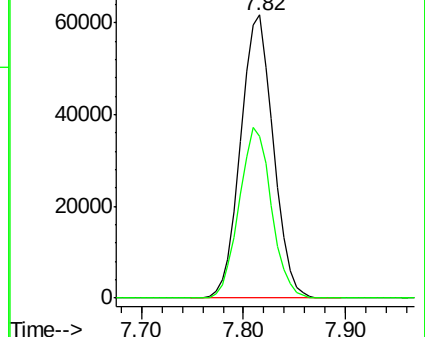
168 100

99 57.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001653.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001653.D (-987) (-)



#20

Methylene Chloride

Concen: 9.218 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001653.D

Acq: 17 Feb 2020 17:51

Tgt Ion: 84 Resp: 16738

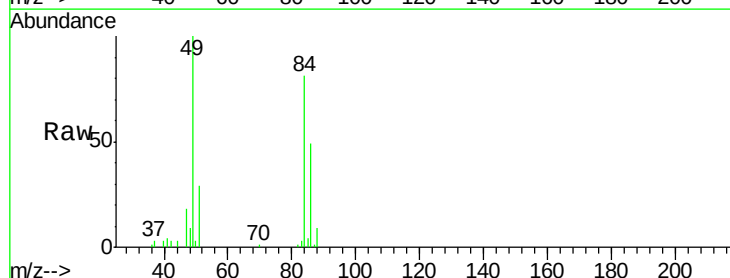
Ion Ratio Lower Upper

84 100

49 124.2 99.2 148.8

51 36.1 31.5 47.3

86 60.9 51.0 76.6

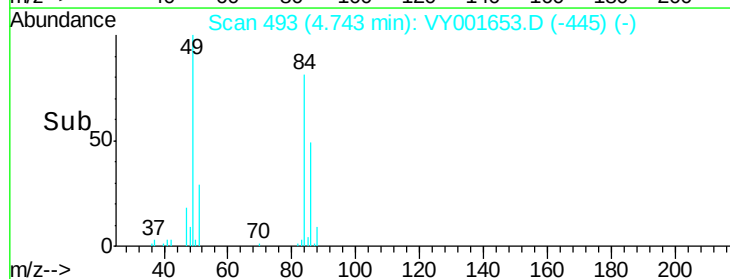
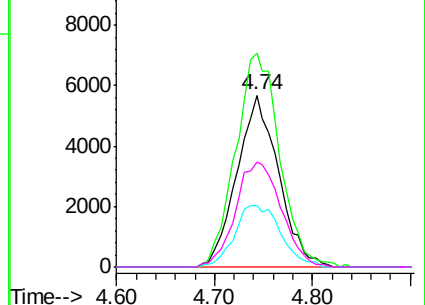


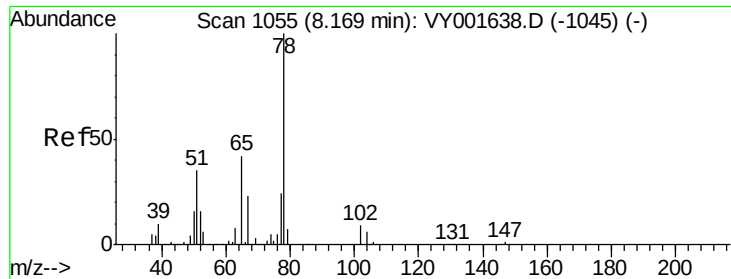
Abundance Ion 83.90 (83.60 to 84.60): VY001653.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001653.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001653.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001653.D (-480) (-)

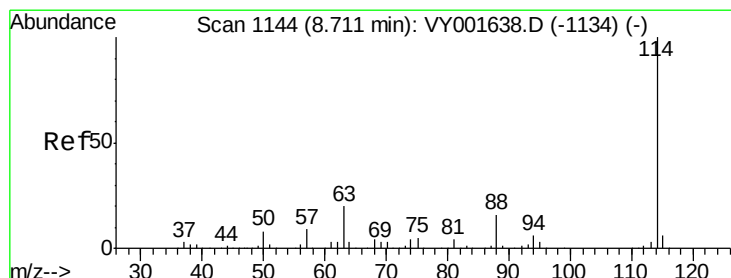
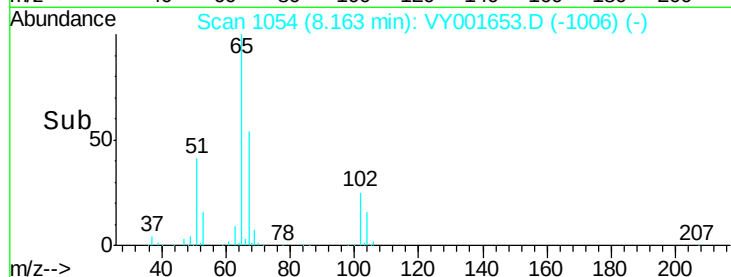
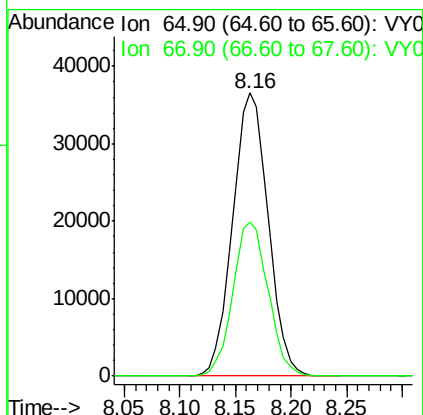
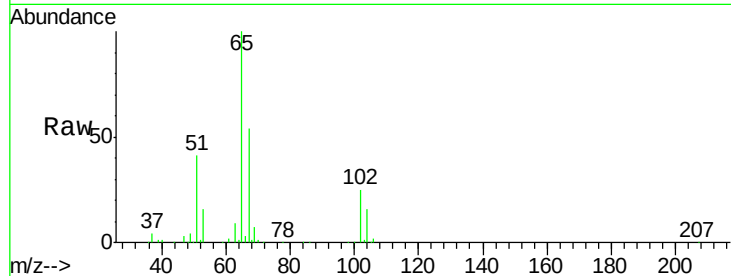




#33
 1,2-Dichloroethane-d4
 Concen: 54.680 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001653.D
 Acq: 17 Feb 2020 17:51

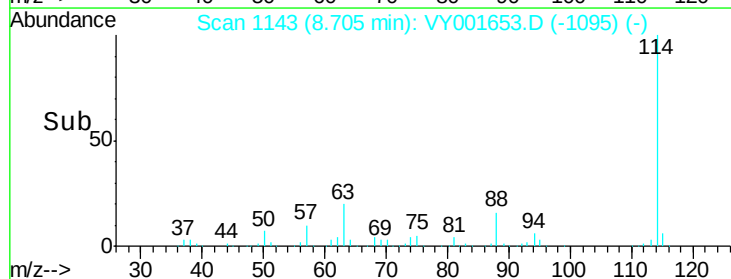
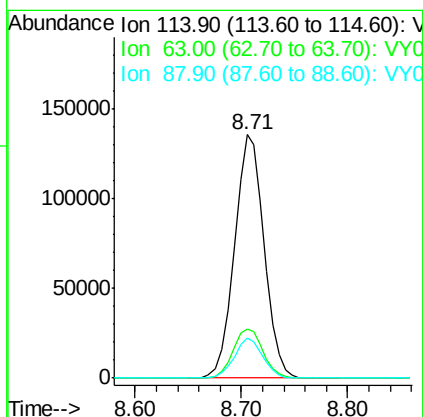
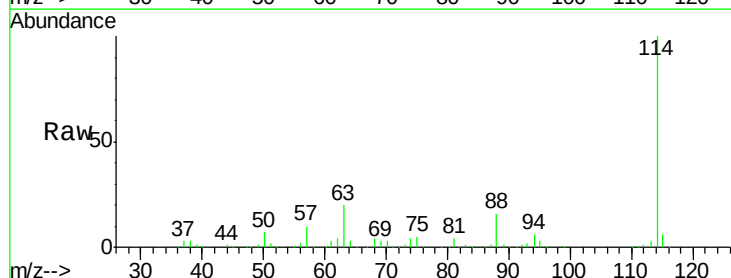
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(5)

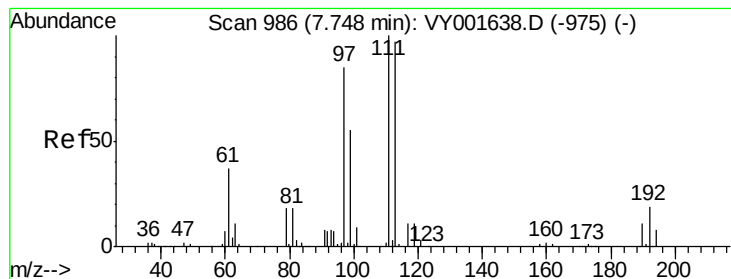
Tot Ion: 65 Resp: 80786
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001653.D
 Acq: 17 Feb 2020 17:51

Tgt Ion: 114 Resp: 262784
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.772 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001653.D

Acq: 17 Feb 2020 17:51

Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(5)

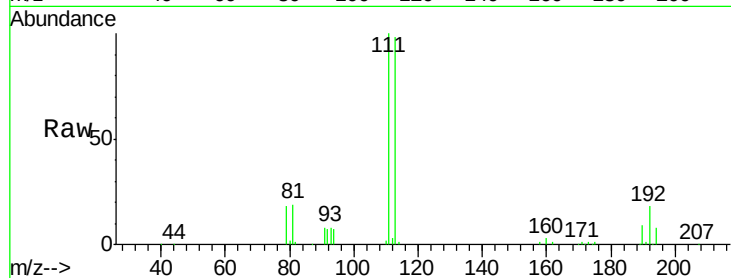
Tot Ion:113 Resp: 76417

Ion Ratio Lower Upper

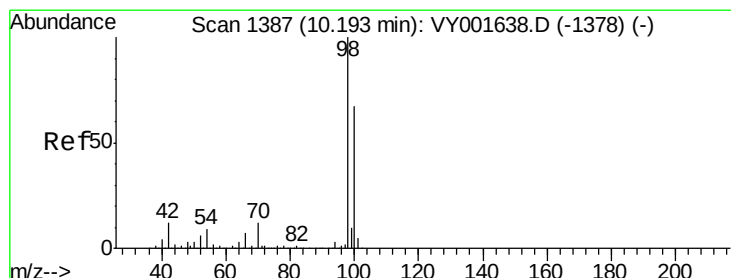
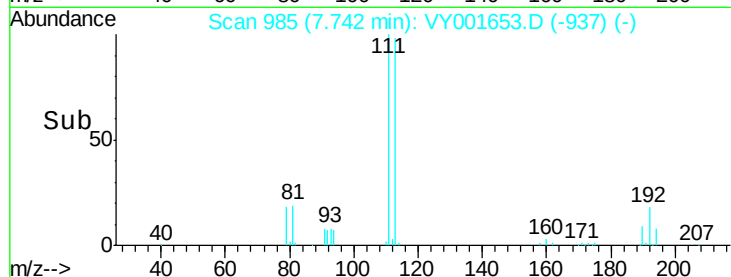
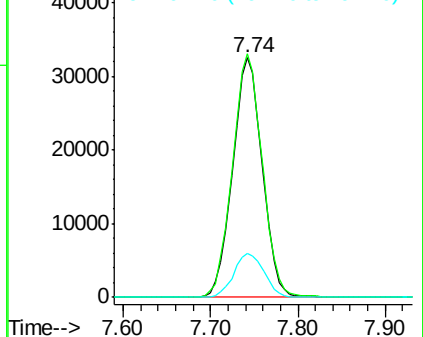
113 100

111 102.3 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: 53.559 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001653.D

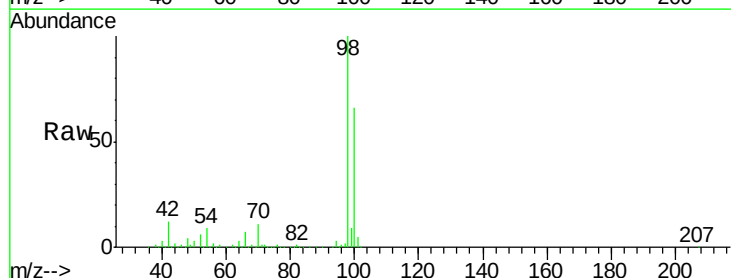
Acq: 17 Feb 2020 17:51

Tgt Ion: 98 Resp: 315812

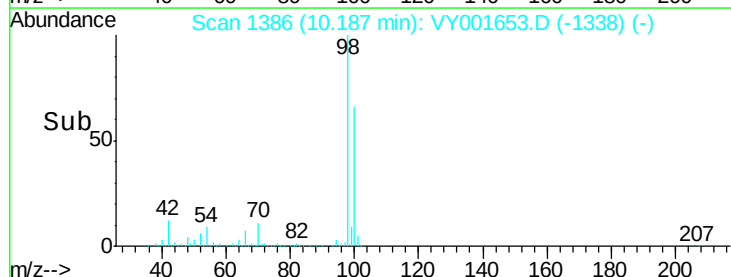
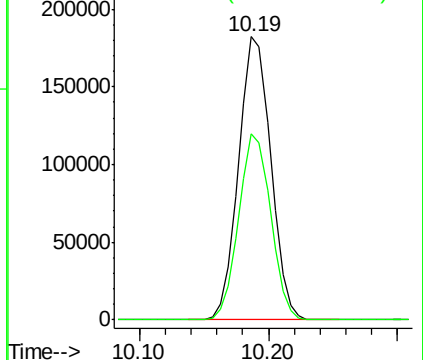
Ion Ratio Lower Upper

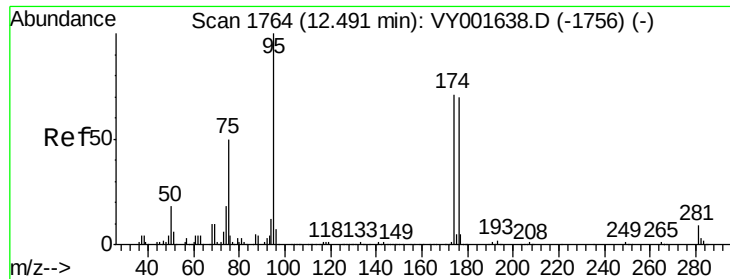
98 100

100 65.3 53.0 79.4



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





#62

4-Bromofluorobenzene

Concen: 45.530 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001653.D

Acq: 17 Feb 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(5)

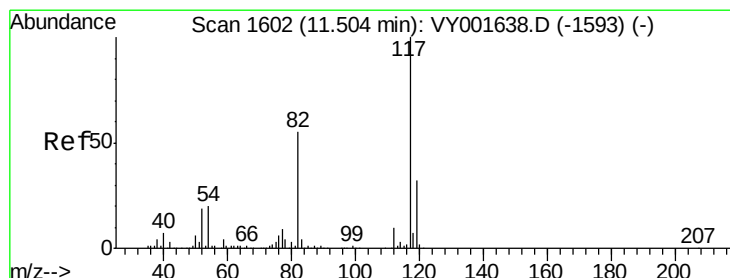
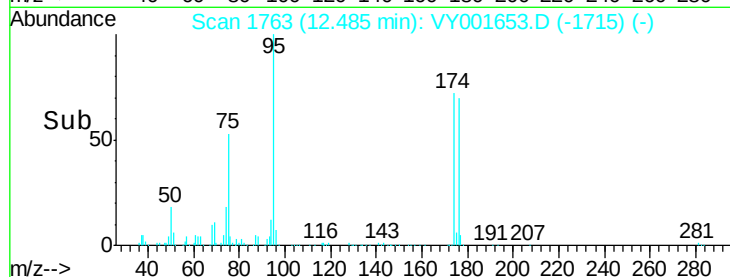
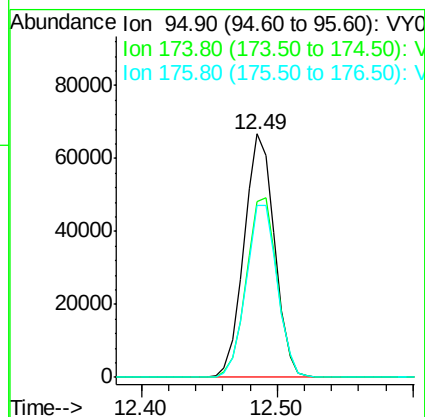
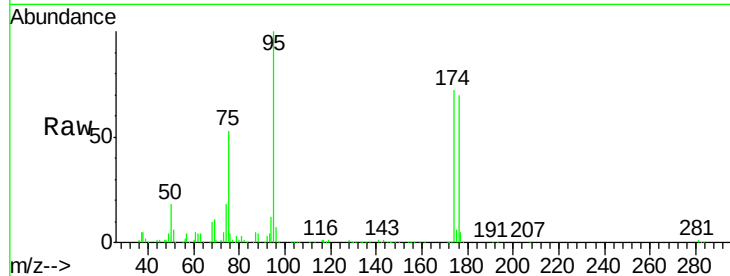
Tot Ion: 95 Resp: 104299

Ion Ratio Lower Upper

95 100

174 75.0 0.0 138.4

176 72.6 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: VY001653.D

Acq: 17 Feb 2020 17:51

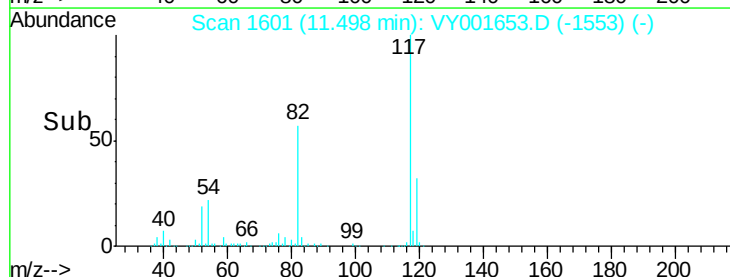
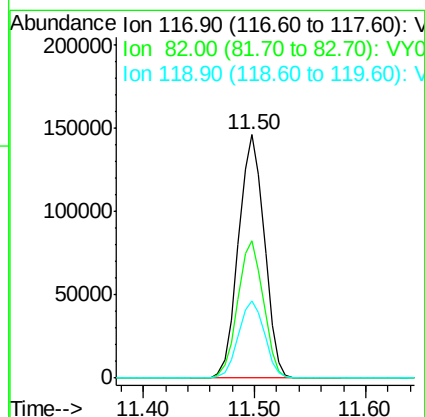
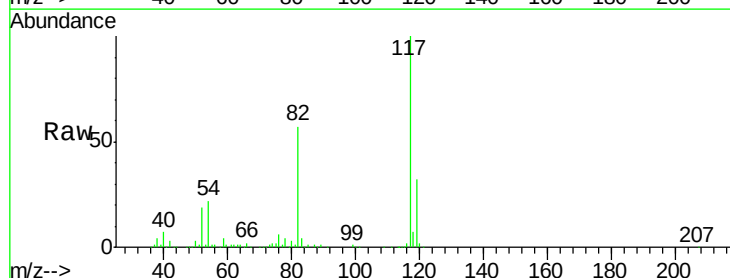
Tgt Ion: 117 Resp: 235424

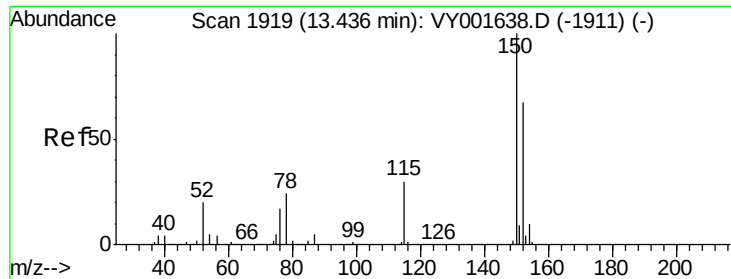
Ion Ratio Lower Upper

117 100

82 56.6 45.5 68.3

119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001653.D

Acq: 17 Feb 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(5)

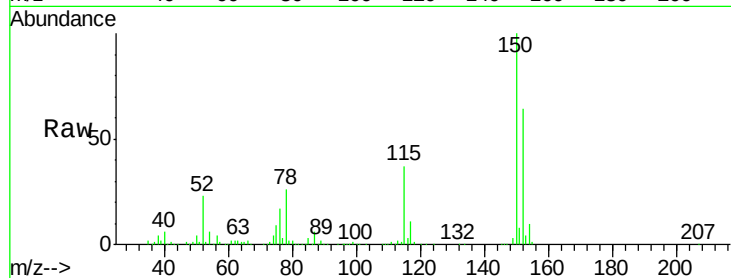
Tot Ion:152 Resp: 97598

Ion Ratio Lower Upper

152 100

115 60.2 31.4 94.2

150 158.3 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

