

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001657.D
 Acq On : 17 Feb 2020 19:20
 Operator : SY/MD
 Sample : L1546-18
 Misc : 7.20G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(9)

Quant Time: Feb 18 01:04:01 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

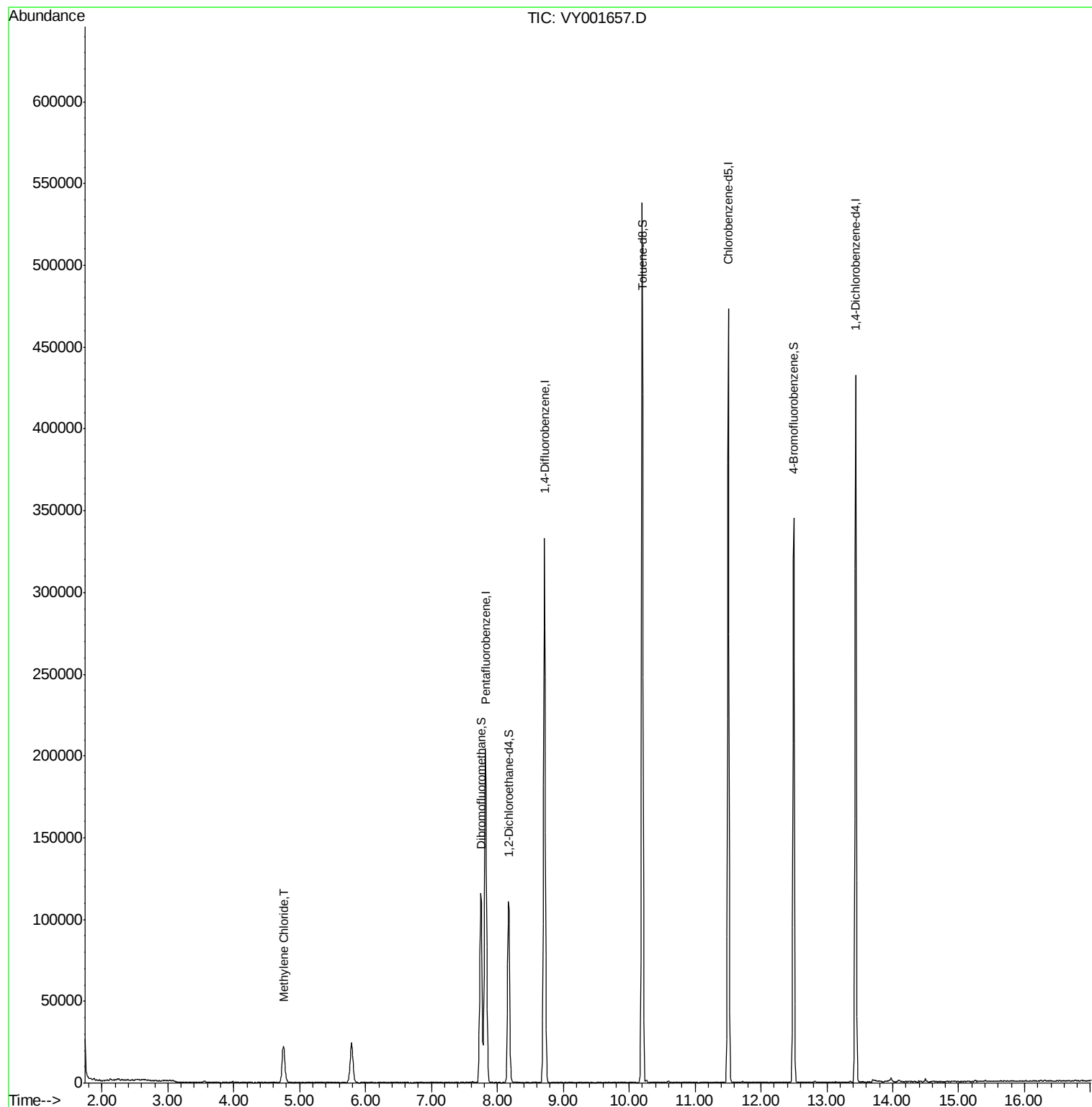
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	159156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	283632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	248984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	85000	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.75	113	82055	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.20	98	344386	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
62) 4-Bromofluorobenzene	12.50	95	111613	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
20) Methylene Chloride	4.75	84	17077	8.116	ug/l	Qvalue 94

(#) = 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# 998

Delta R.T. 0.01 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

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MSVOA_Y

ClientSampleId :

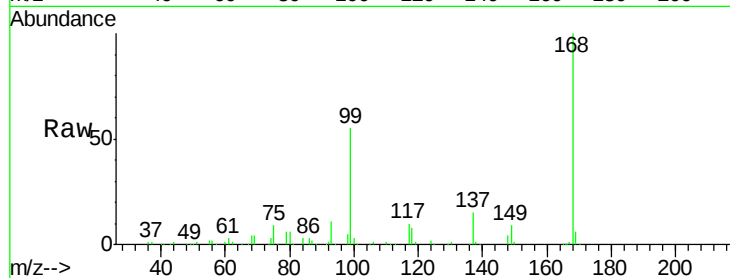
INDIAN-ISLAND-(9)

Tot Ion:168 Resp: 159156

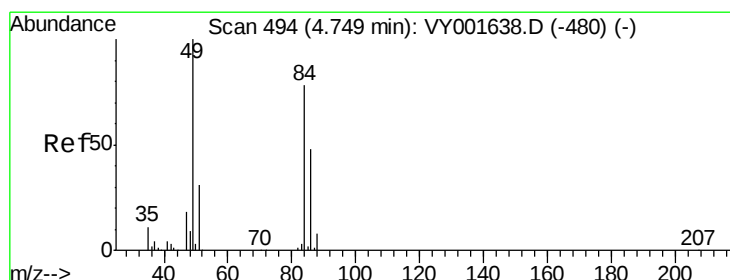
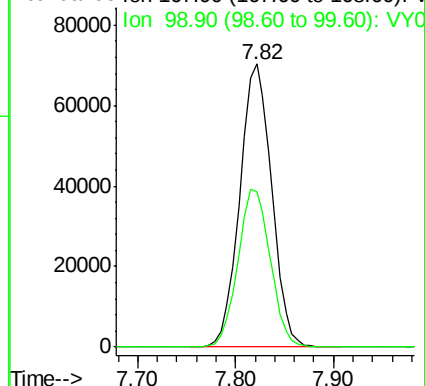
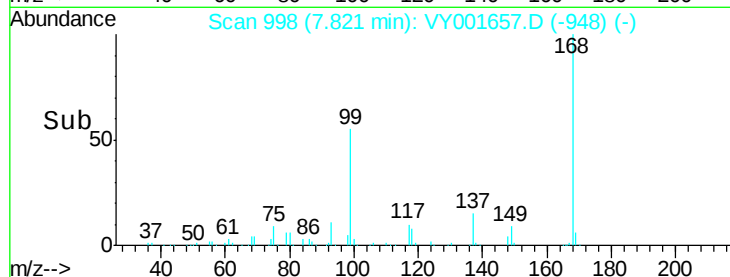
Ion Ratio Lower Upper

168 100

99 55.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001657.D (-948) (-)



#20

Methylene Chloride

Concen: 8.116 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

Tgt Ion: 84 Resp: 17077

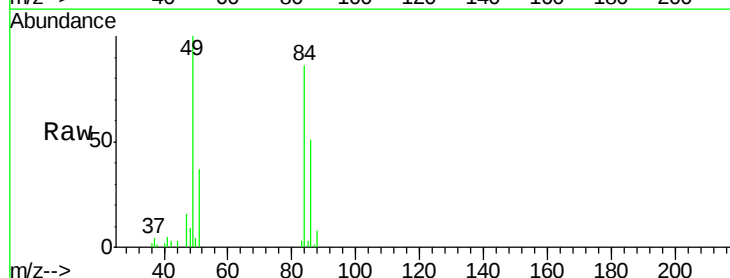
Ion Ratio Lower Upper

84 100

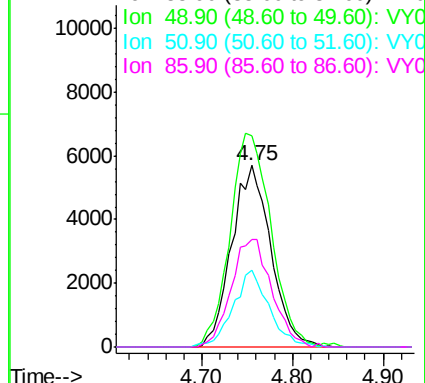
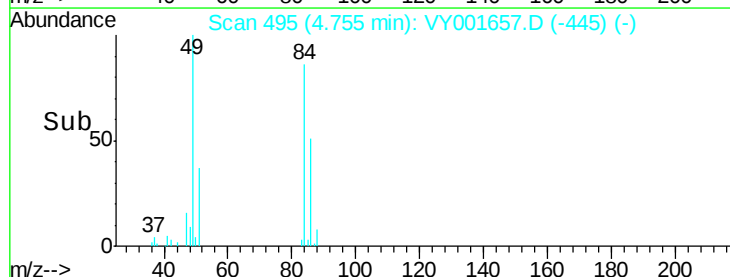
49 116.6 99.2 148.8

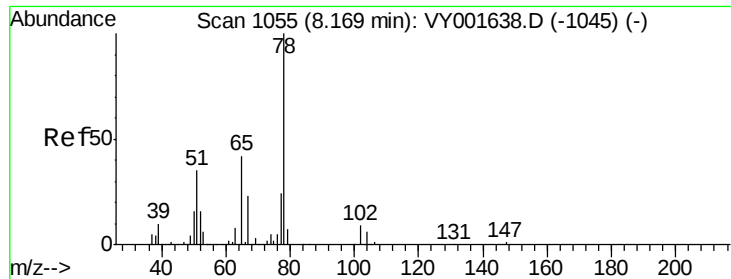
51 42.7 31.5 47.3

86 59.0 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001657.D (-445) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.651 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

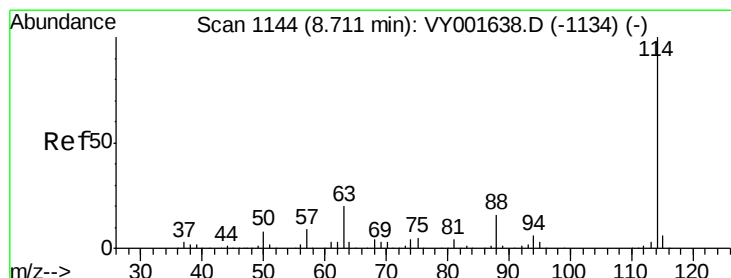
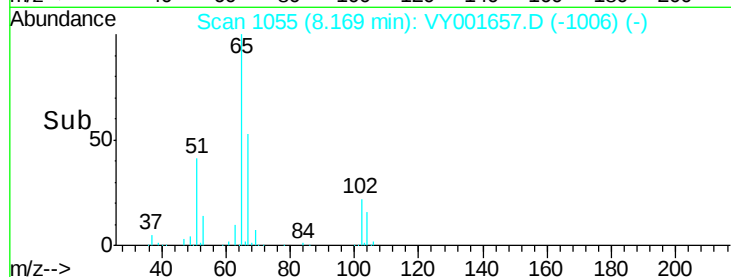
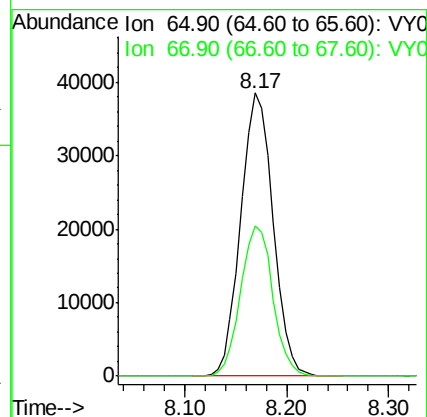
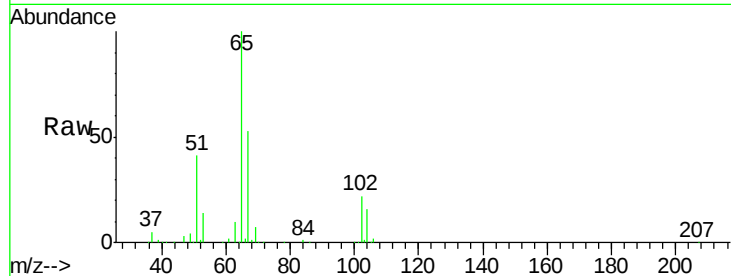
INDIAN-ISLAND-(9)

Tot Ion: 65 Resp: 85000

Ion Ratio Lower Upper

65 100

67 52.8 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: VY001657.D

Acq: 17 Feb 2020 19:20

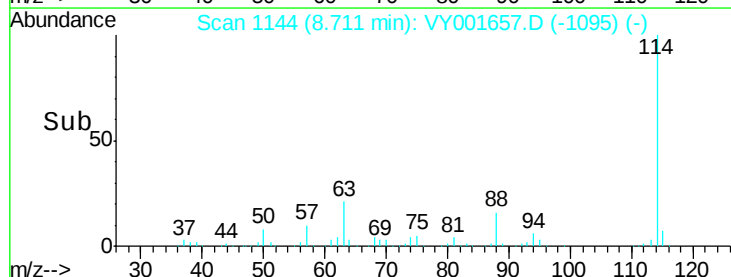
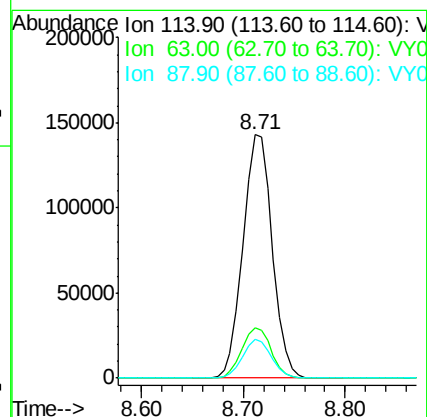
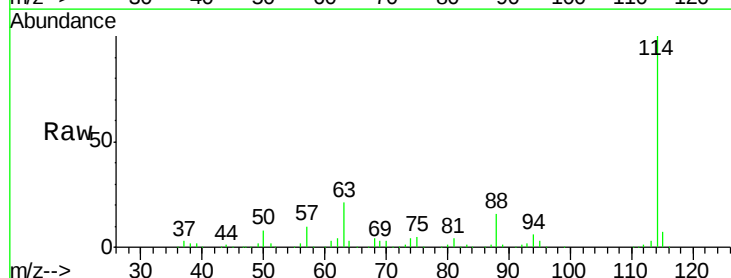
Tgt Ion: 114 Resp: 283632

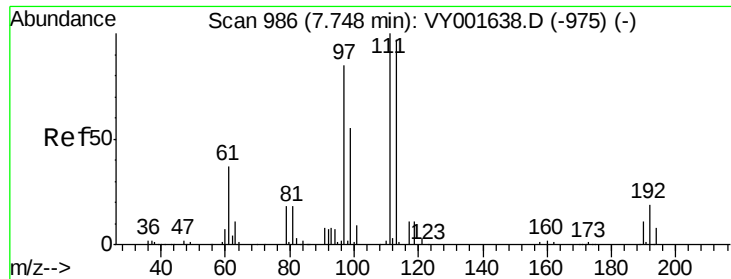
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

88 16.1 0.0 32.8

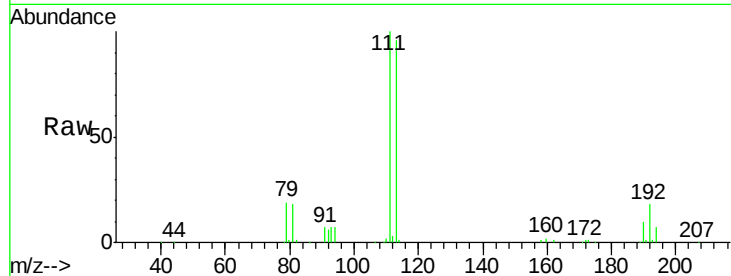




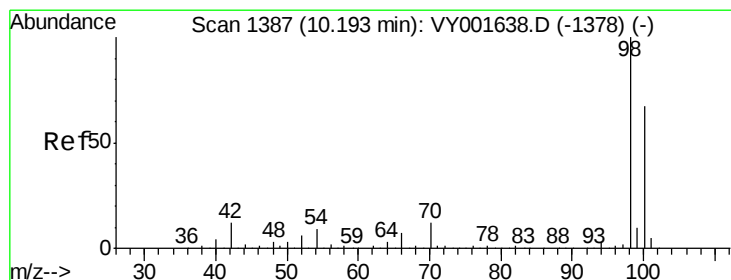
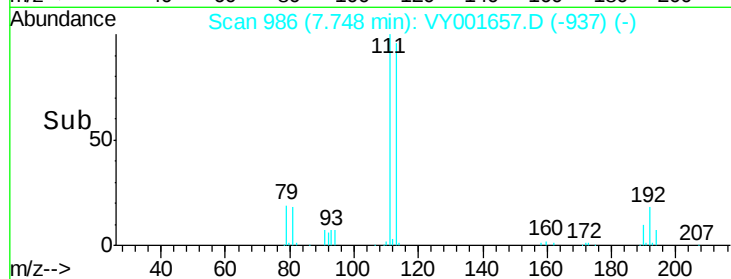
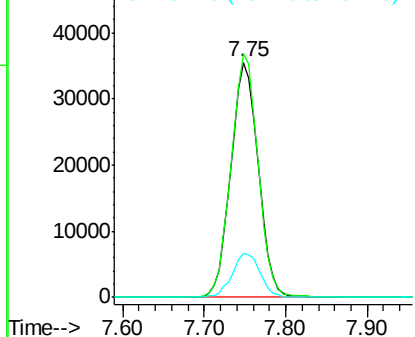
#35
 Dibromofluoromethane
 Concen: 50.510 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001657.D
 Acq: 17 Feb 2020 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(9)

Tot Ion:113 Resp: 82055
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 19.0 14.3 21.5

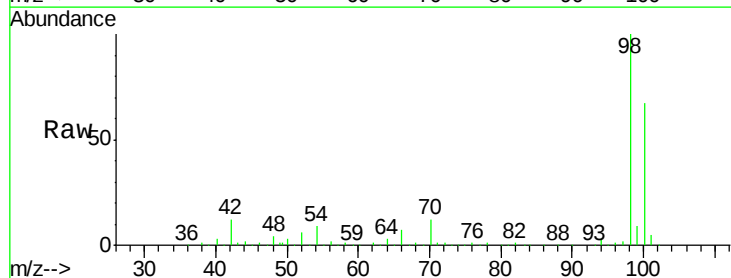


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

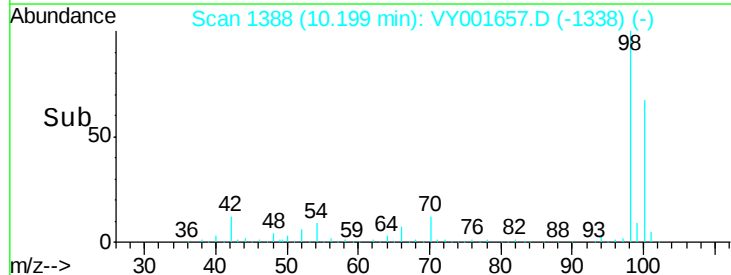
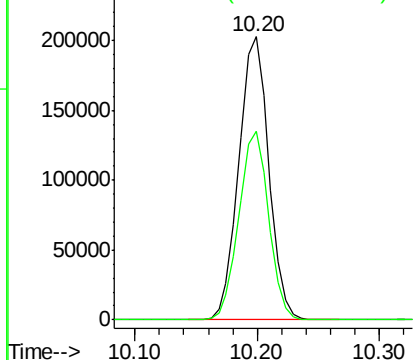


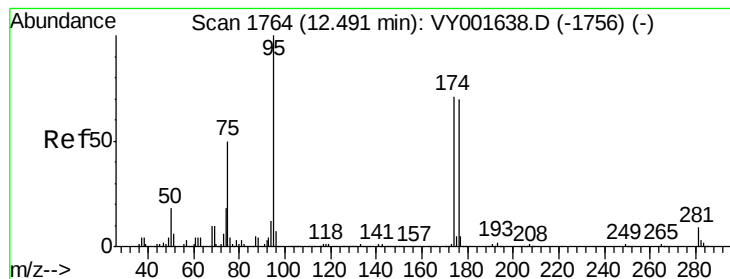
#50
 Toluene-d8
 Concen: 54.112 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001657.D
 Acq: 17 Feb 2020 19:20

Tgt Ion: 98 Resp: 344386
 Ion Ratio Lower Upper
 98 100
 100 66.3 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: 45.142 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(9)

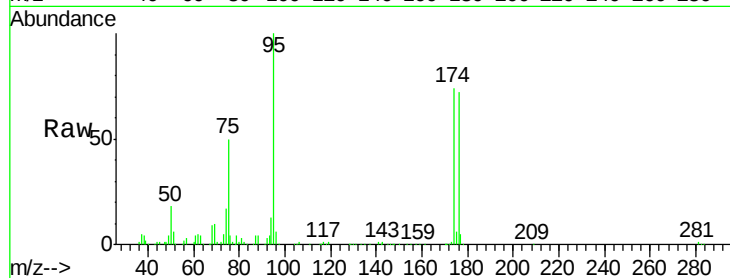
Tot Ion: 95 Resp: 111613

Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

176 70.6 0.0 131.8

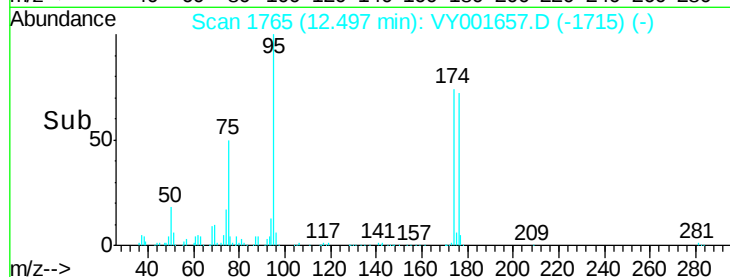


Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

Time--> 12.40 12.50

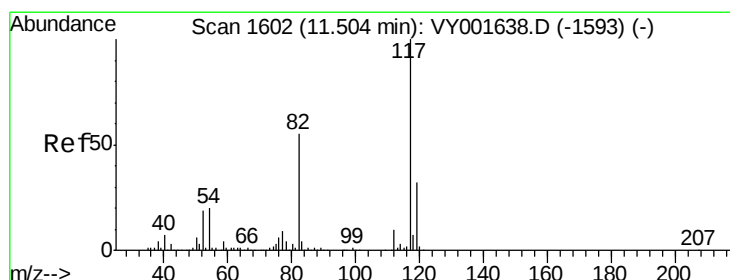


Abundance Ion 94.90 (94.60 to 95.60): VY001657.D (-1715) (-)

Ion 173.80 (173.50 to 174.50): VY001657.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001657.D (-1715) (-)

Time--> 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. -0.00 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

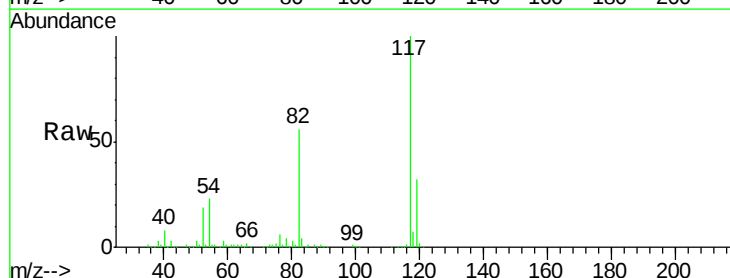
Tgt Ion: 117 Resp: 248984

Ion Ratio Lower Upper

117 100

82 56.1 45.5 68.3

119 32.0 25.8 38.6

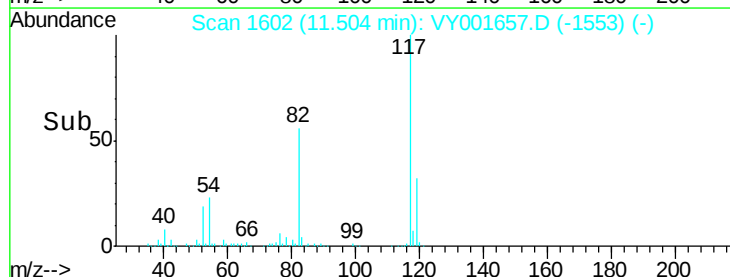


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001638.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001638.D (-1593) (-)

Time--> 11.40 11.50

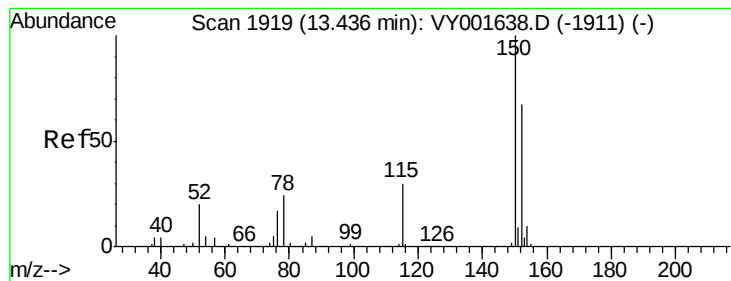


Abundance Ion 116.90 (116.60 to 117.60): VY001657.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001657.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001657.D (-1553) (-)

Time--> 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001657.D

Acq: 17 Feb 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(9)

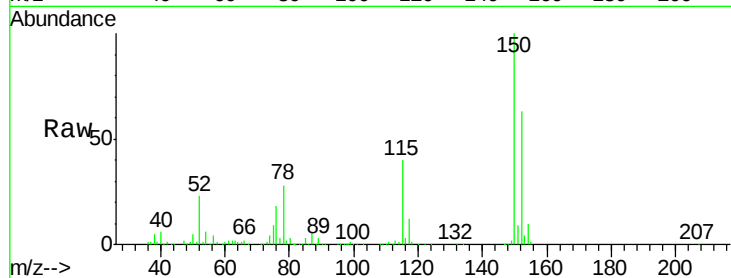
Tot Ion:152 Resp: 105549

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

150 157.1 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

