

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001656.D
 Acq On : 17 Feb 2020 18:58
 Operator : SY/MD
 Sample : L1546-16
 Misc : 7.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

Quant Time: Feb 18 01:02:11 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

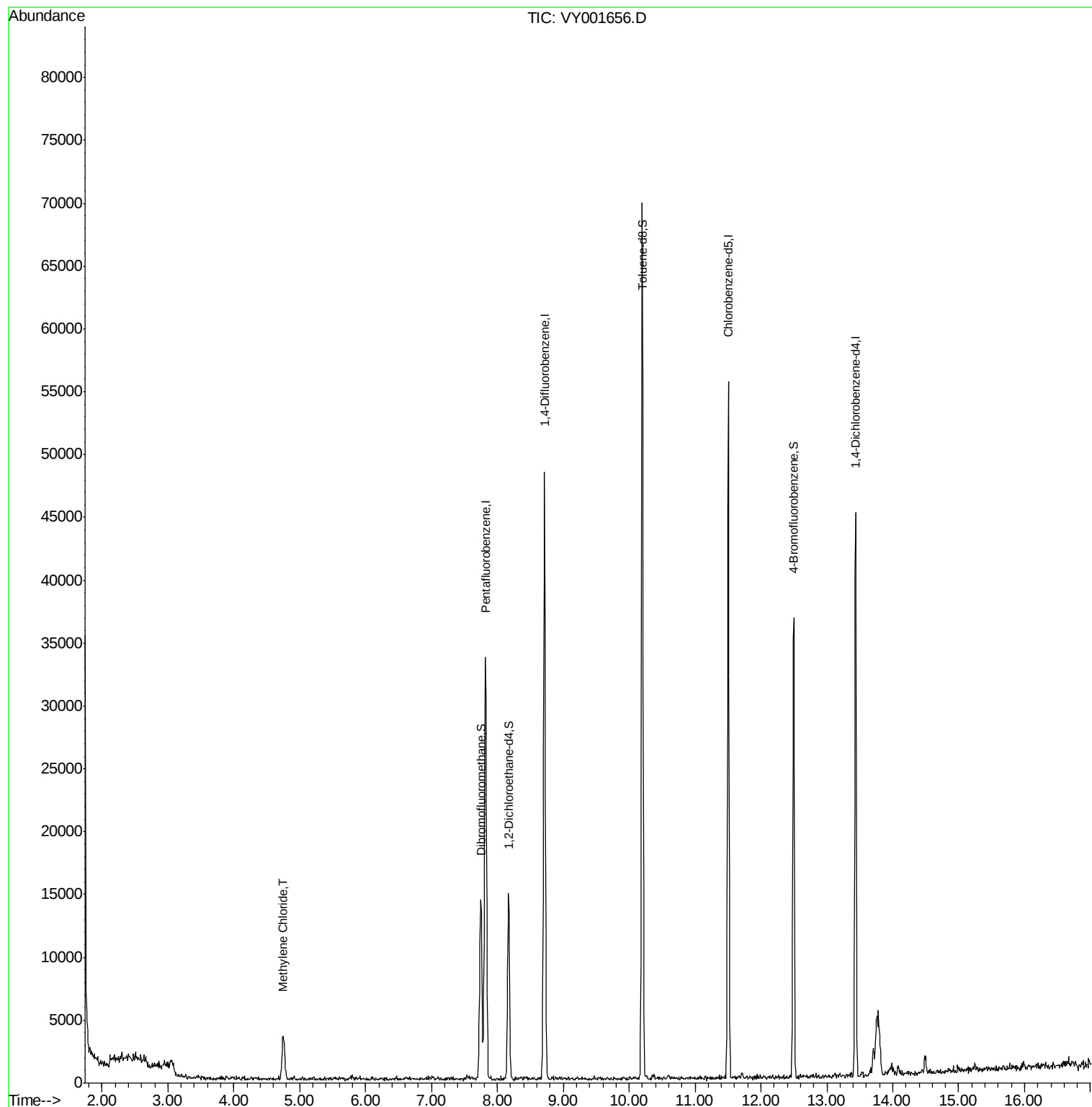
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	26613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	40934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	29516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	11114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	10346	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
35) Dibromofluoromethane	7.75	113	10313	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
50) Toluene-d8	10.20	98	45576	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.50	95	11503	32.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.48%	
Target Compounds						
20) Methylene Chloride	4.75	84	2363	6.716	ug/l	Qvalue 89

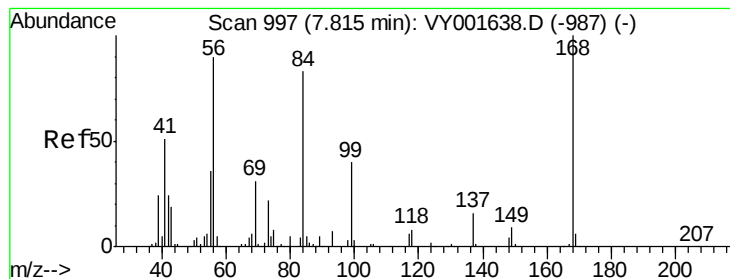
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001656.D

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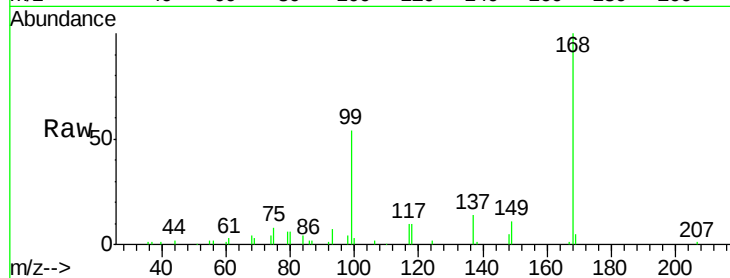
Instrument :
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INDIAN-ISLAND-(8)

Tot Ion:168 Resp: 26613

Ion Ratio Lower Upper

168 100

99 54.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

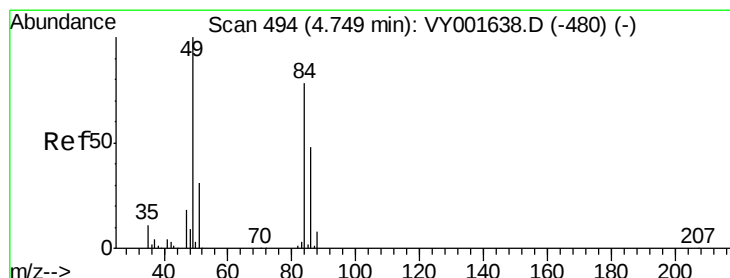
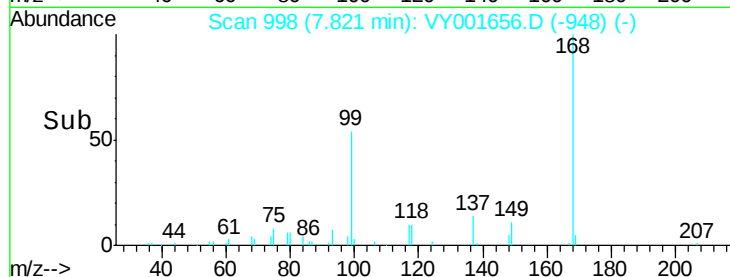
7.82

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 6.716 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001656.D

Acq: 17 Feb 2020 18:58

Tgt Ion: 84 Resp: 2363

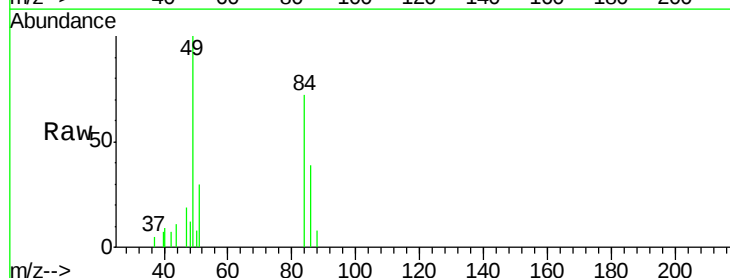
Ion Ratio Lower Upper

84 100

49 138.8 99.2 148.8

51 42.2 31.5 47.3

86 54.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

2000

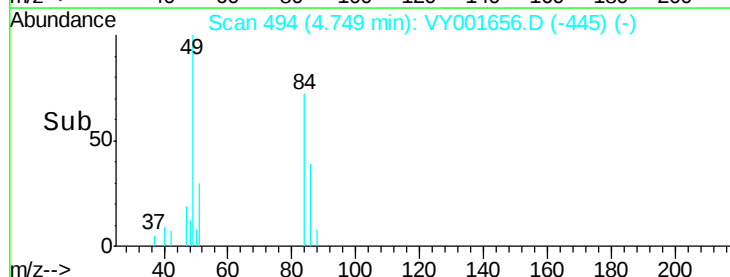
1500

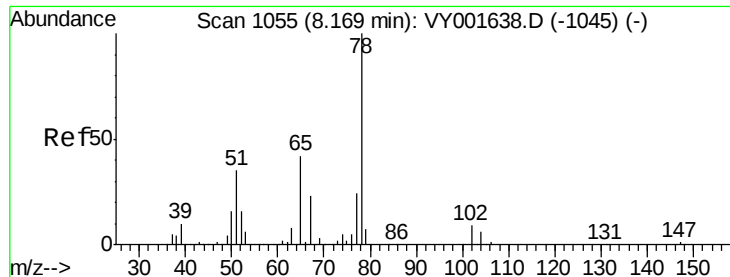
1000

500

0

Time-->

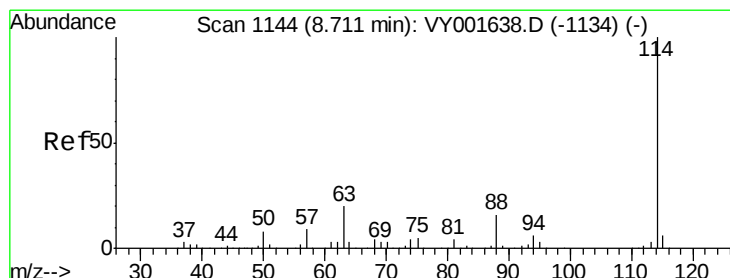
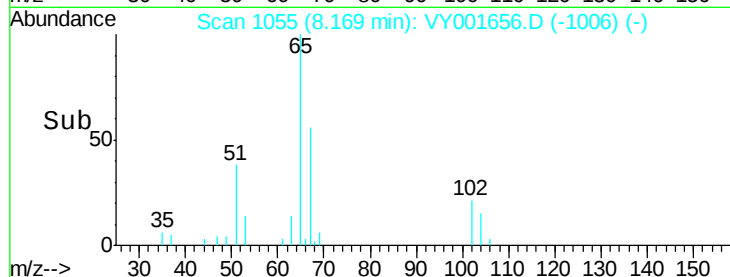
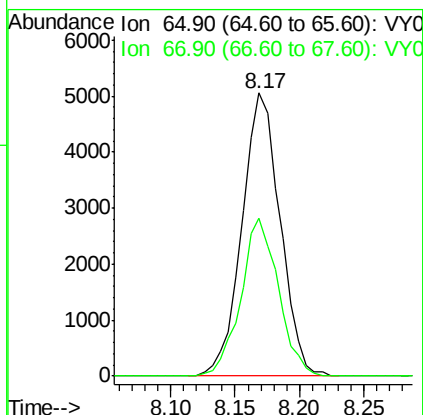
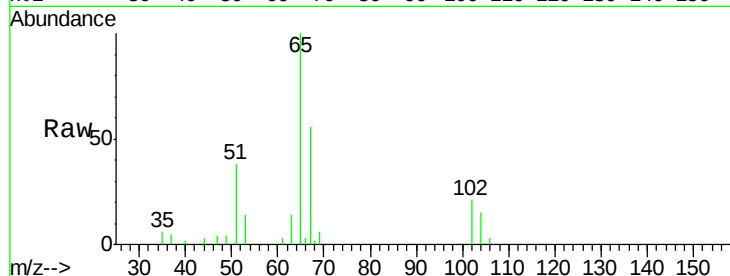




#33
 1,2-Dichloroethane-d4
 Concen: 36.142 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001656.D
 Acq: 17 Feb 2020 18:58

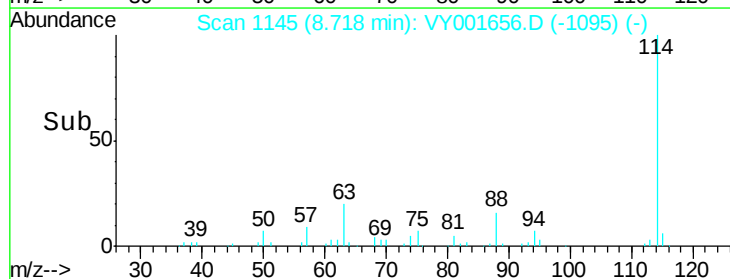
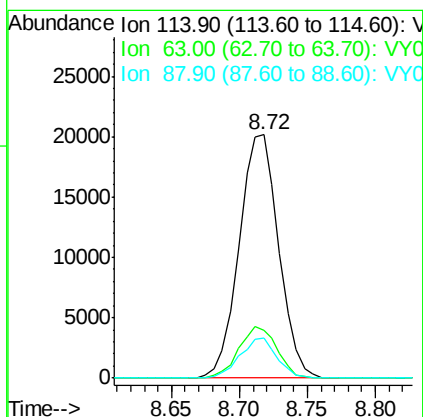
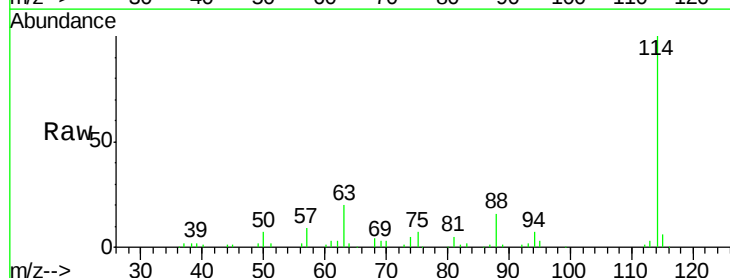
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

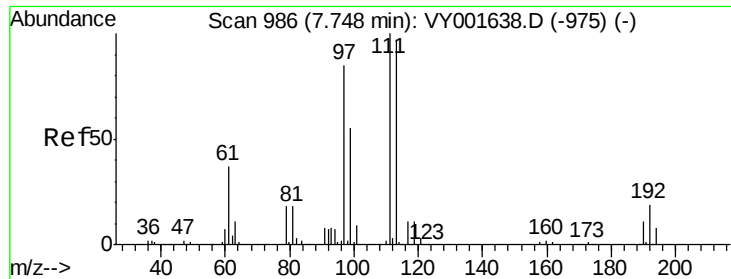
Tot Ion: 65 Resp: 10346
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001656.D
 Acq: 17 Feb 2020 18:58

Tgt Ion: 114 Resp: 40934
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 16.3 0.0 32.8

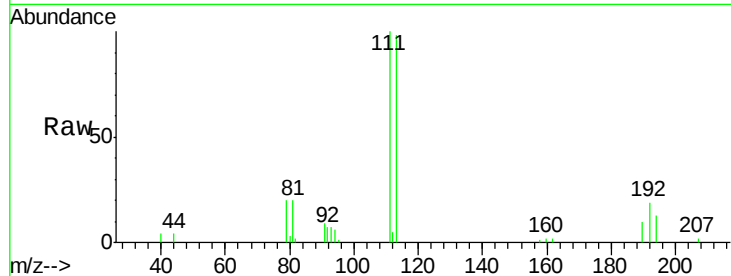




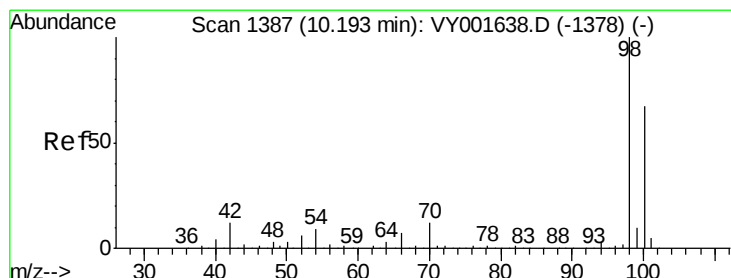
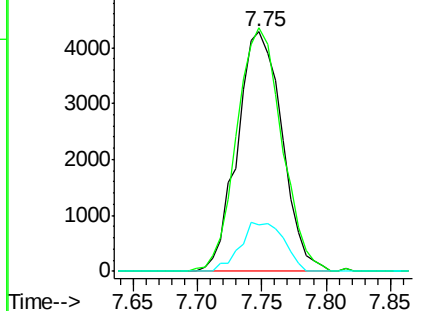
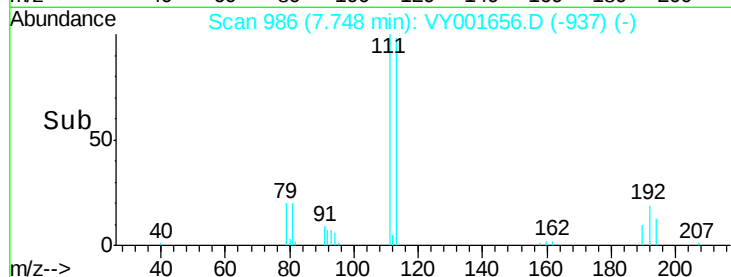
#35
 Dibromofluoromethane
 Concen: 43.988 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001656.D
 Acq: 17 Feb 2020 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(8)

Tot Ion:113 Resp: 10313
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 19.6 14.3 21.5

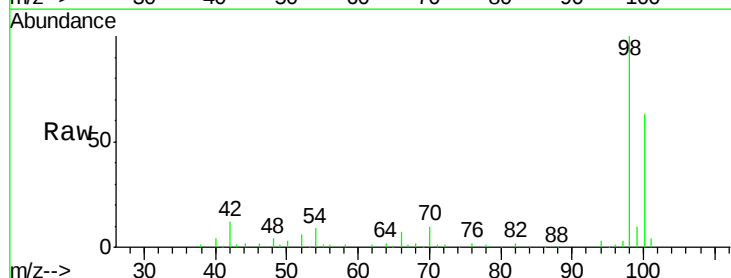


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

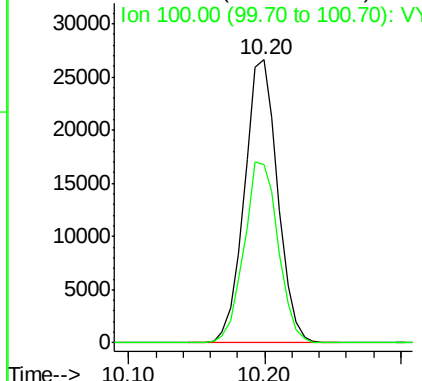
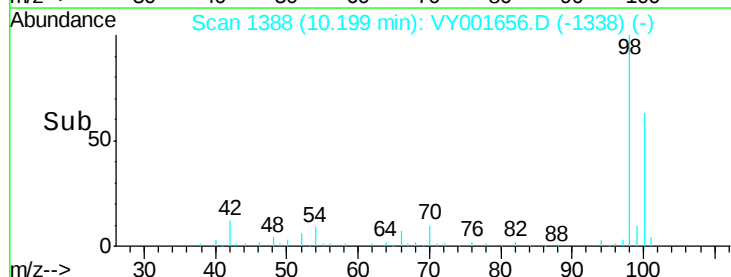


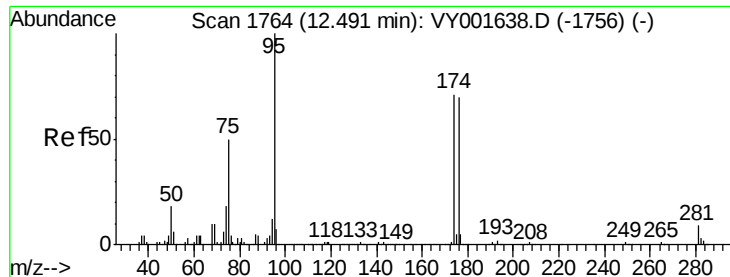
#50
 Toluene-d8
 Concen: 49.619 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001656.D
 Acq: 17 Feb 2020 18:58

Tgt Ion: 98 Resp: 45576
 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): VY

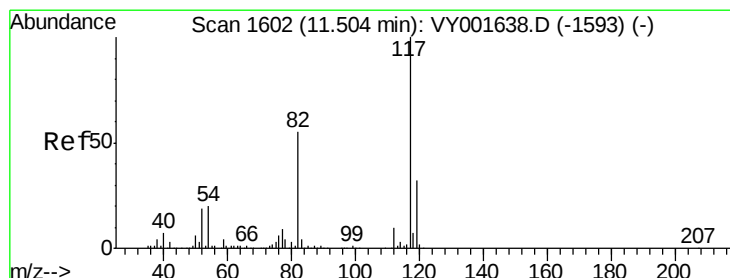
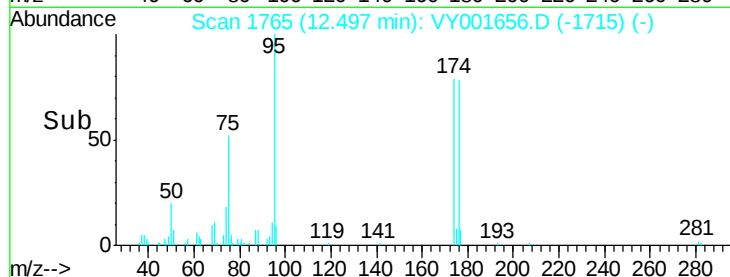
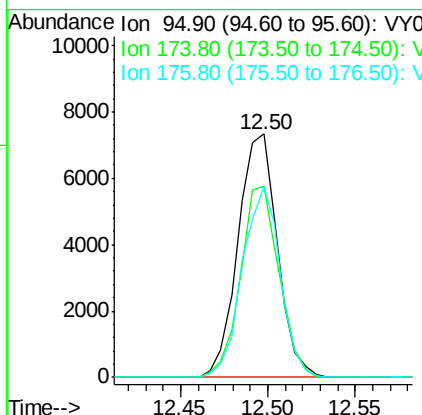
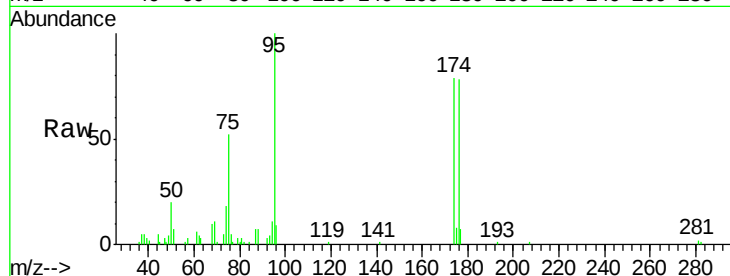




#62
4-Bromofluorobenzene
Concen: 32.236 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001656.D
Acq: 17 Feb 2020 18:58

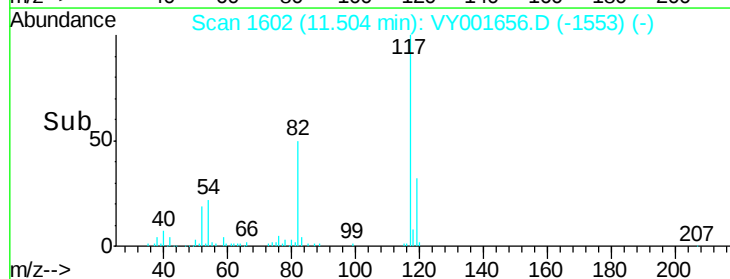
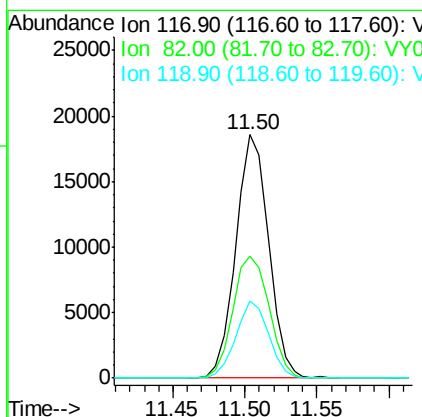
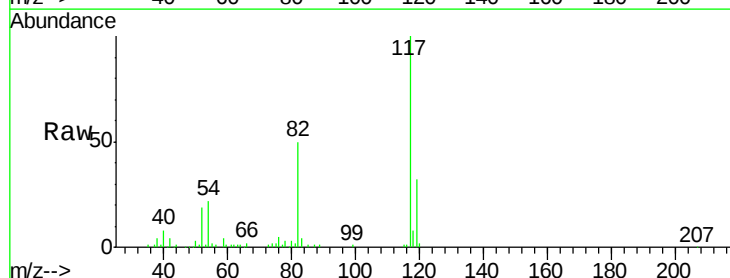
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(8)

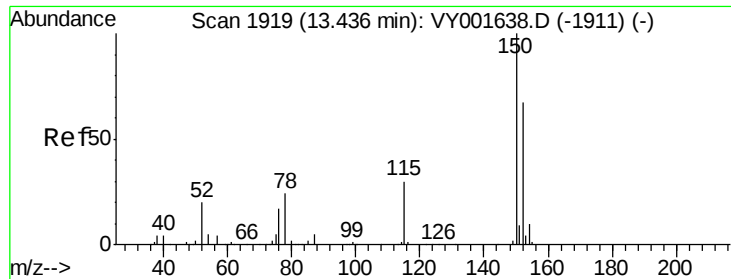
Tot Ion	95	Resp	11503
Ion Ratio	100		
Lower		0.0	138.4
Upper		0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001656.D
Acq: 17 Feb 2020 18:58

Tgt Ion	117	Resp	29516
Ion Ratio	100		
Lower		45.5	68.3
Upper		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: VY001656.D

Acq: 17 Feb 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(8)

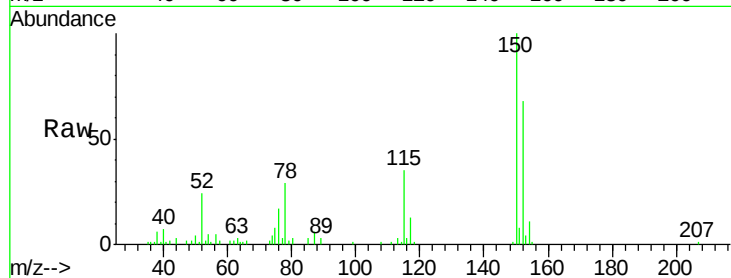
Tot Ion:152 Resp: 11114

Ion Ratio Lower Upper

152 100

115 56.7 31.4 94.2

150 154.0 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

