

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001654.D
 Acq On : 17 Feb 2020 18:14
 Operator : SY/MD
 Sample : L1546-12
 Misc : 6.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(6)

Quant Time: Feb 18 00:58:20 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

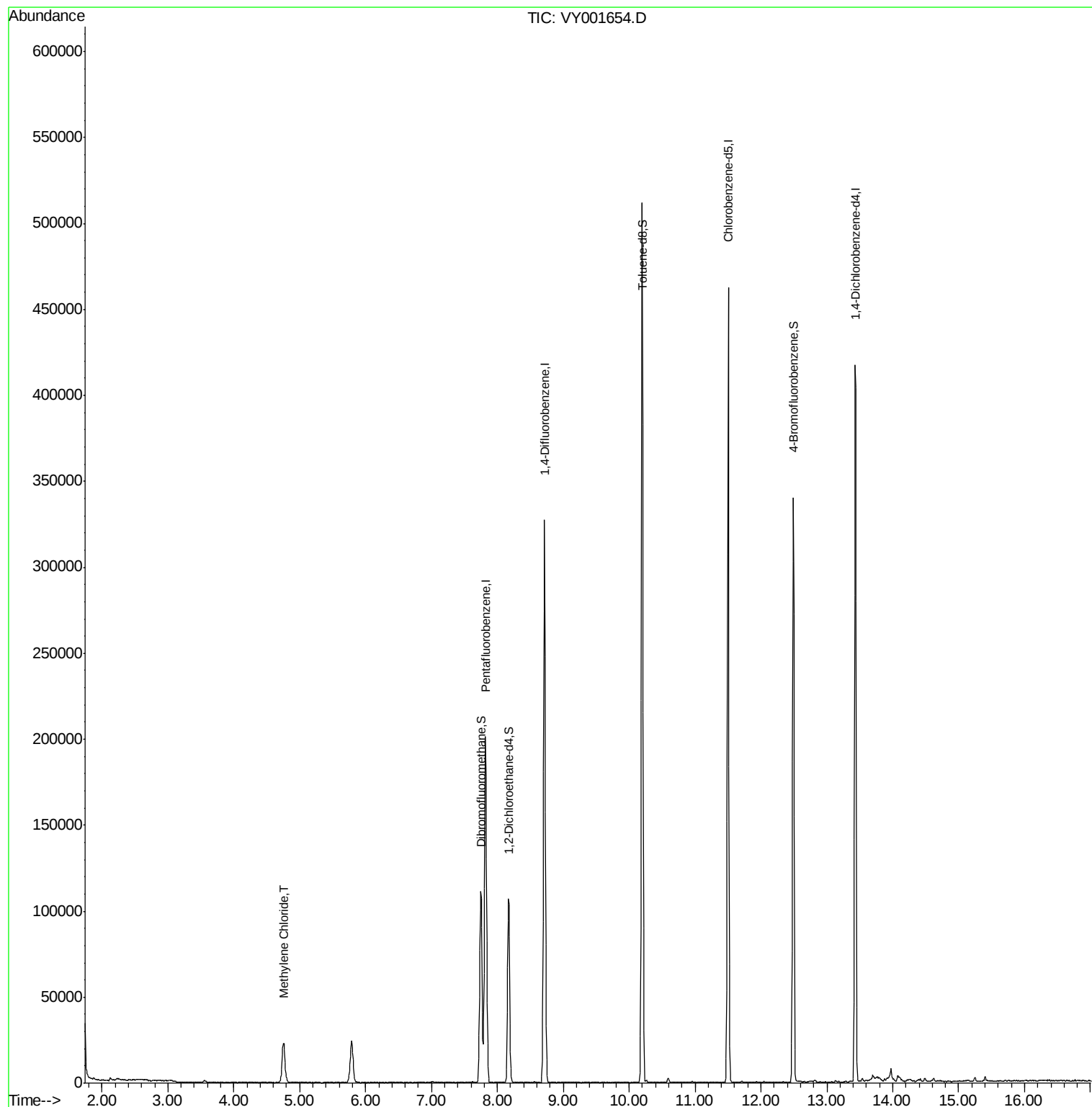
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	154523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	81543	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	7.75	113	80225	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.20	98	341970	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.49	95	109238	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
20) Methylene Chloride	4.75	84	17902	8.763	ug/l	Qvalue 97

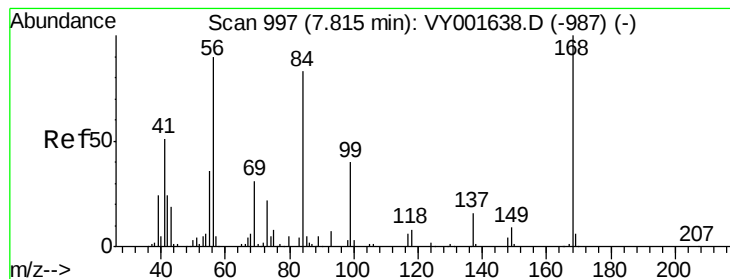
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
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Acq On : 17 Feb 2020 18:14
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001654.D

Acq: 17 Feb 2020 18:14

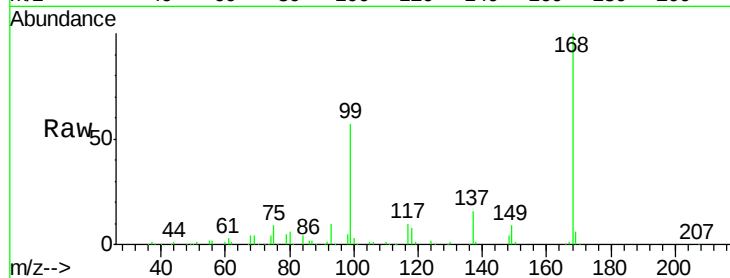
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(6)

Tot Ion:168 Resp: 154523

Ion Ratio Lower Upper

168 100

99 57.3 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

80000

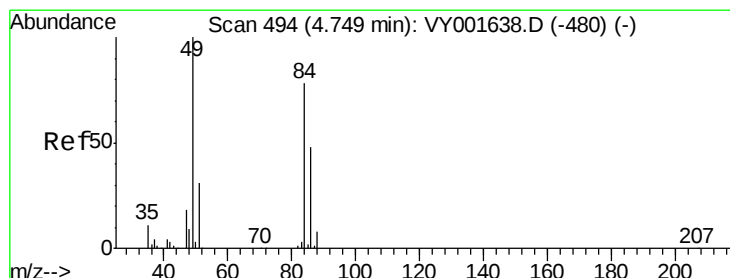
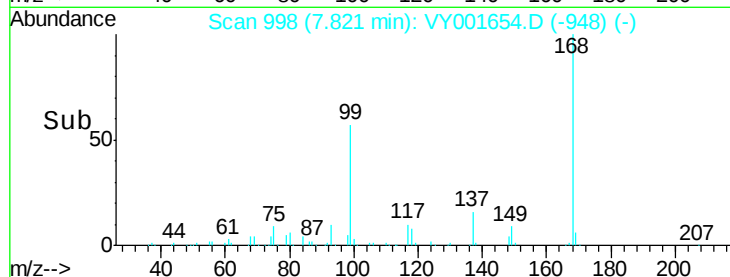
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 8.763 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001654.D

Acq: 17 Feb 2020 18:14

Tgt Ion: 84 Resp: 17902

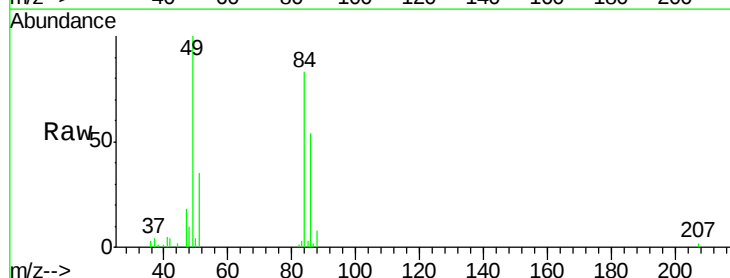
Ion Ratio Lower Upper

84 100

49 120.4 99.2 148.8

51 42.3 31.5 47.3

86 64.8 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) (-)

10000

8000

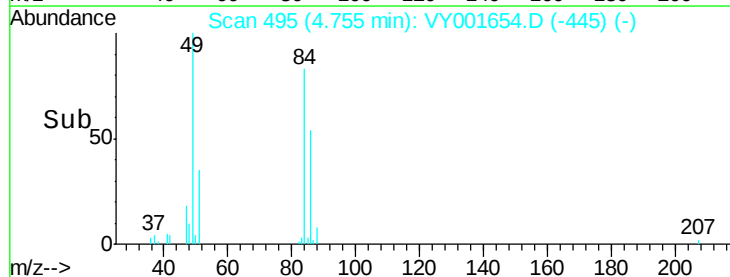
6000

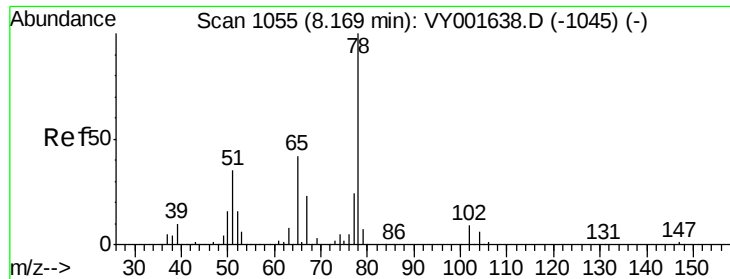
4000

2000

0

Time--> 4.60 4.70 4.80 4.90





#33

1,2-Dichloroethane-d4

Concen: 49.060 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001654.D

Acq: 17 Feb 2020 18:14

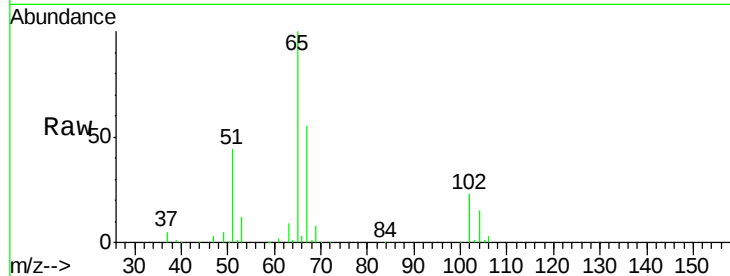
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(6)

Tot Ion: 65 Resp: 81543

Ion Ratio Lower Upper

65 100

67 53.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)

8.17

40000

30000

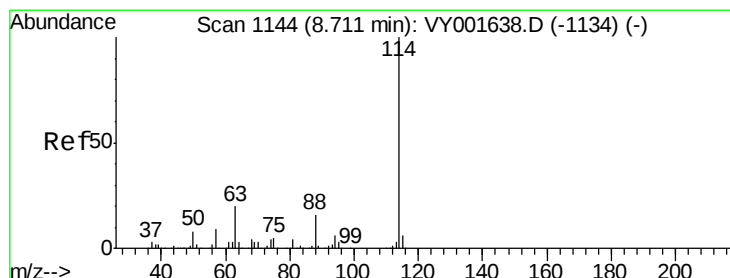
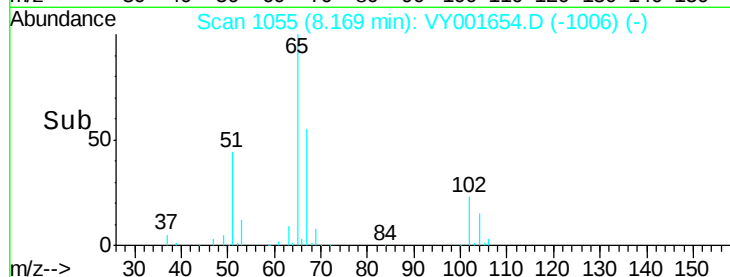
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001654.D

Acq: 17 Feb 2020 18:14

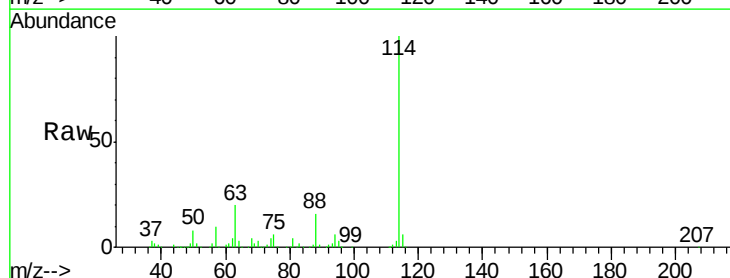
Tgt Ion: 114 Resp: 282713

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

88 15.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VY001638.D (-1134) (-)

Ion 63.00 (62.70 to 63.70): VY001638.D (-1134) (-)

Ion 87.90 (87.60 to 88.60): VY001638.D (-1134) (-)

8.71

150000

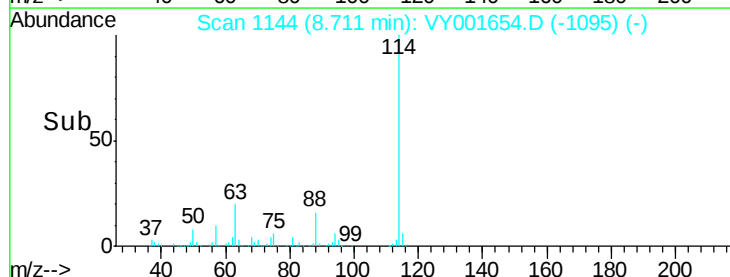
100000

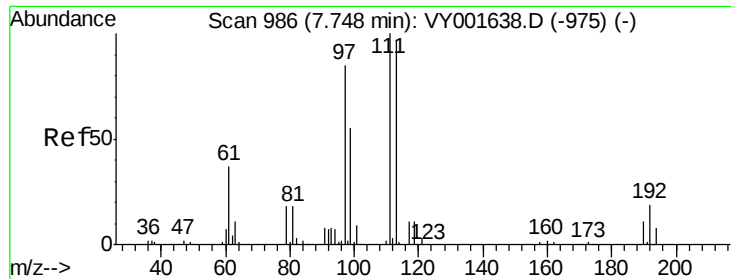
50000

0

8.60 8.70 8.80

Time-->

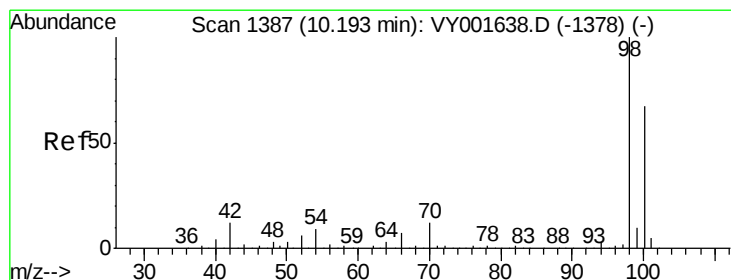
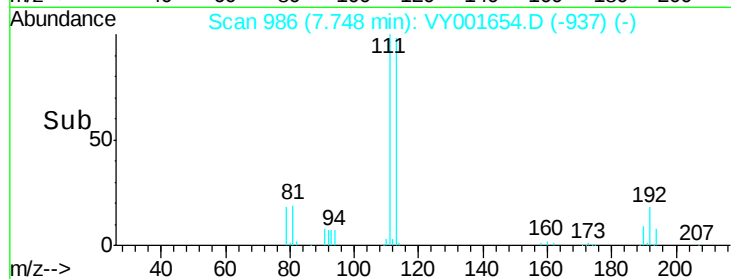
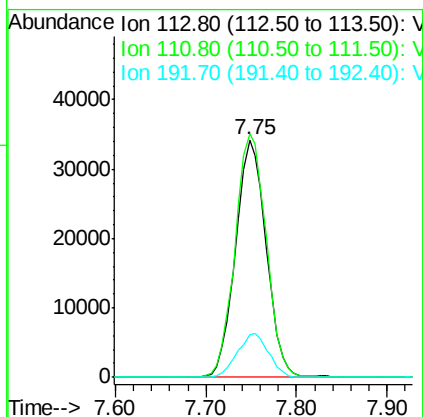
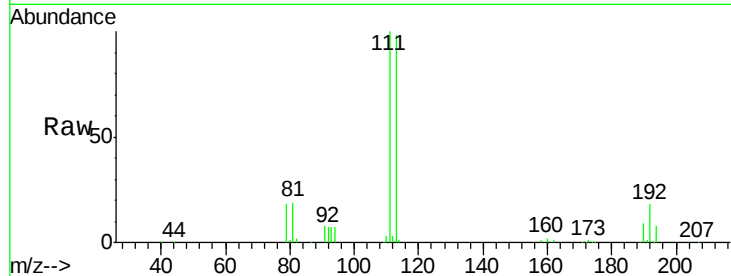




#35
 Dibromofluoromethane
 Concen: 49.544 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001654.D
 Acq: 17 Feb 2020 18:14

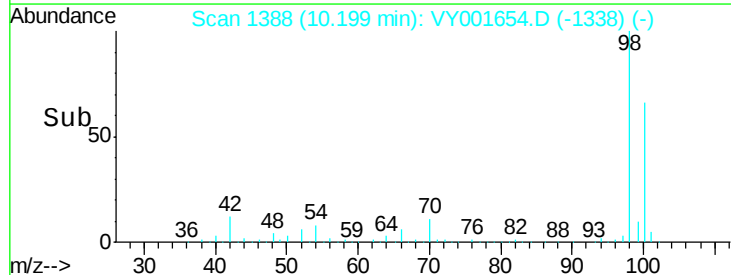
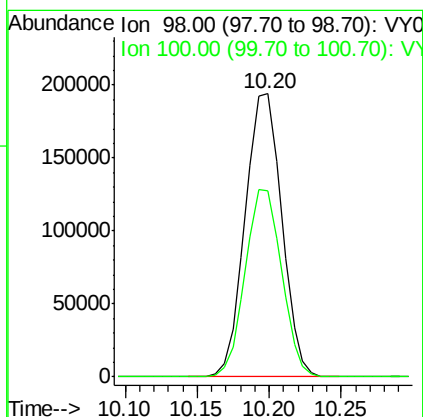
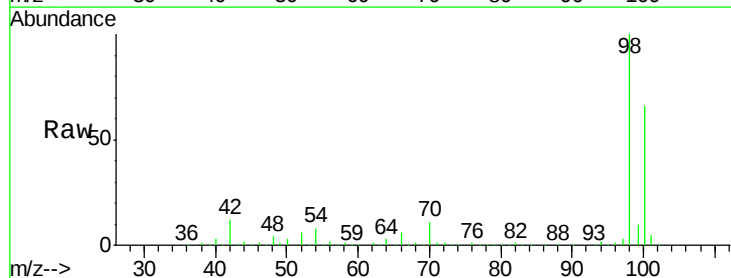
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(6)

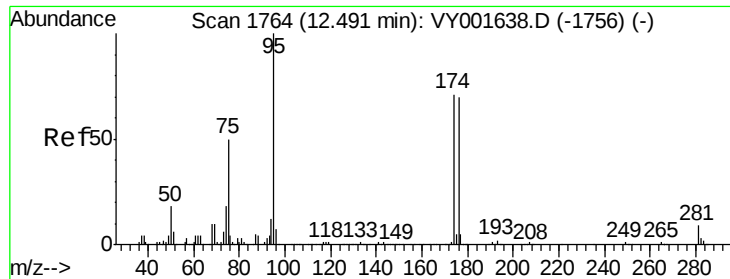
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	18.9	14.3	21.5



#50
 Toluene-d8
 Concen: 53.907 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY001654.D
 Acq: 17 Feb 2020 18:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

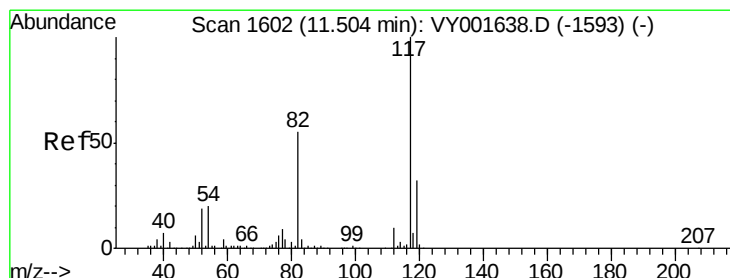
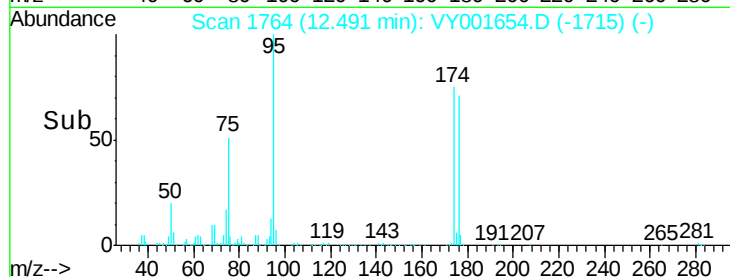
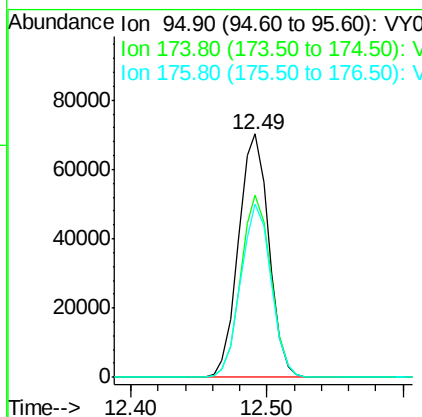
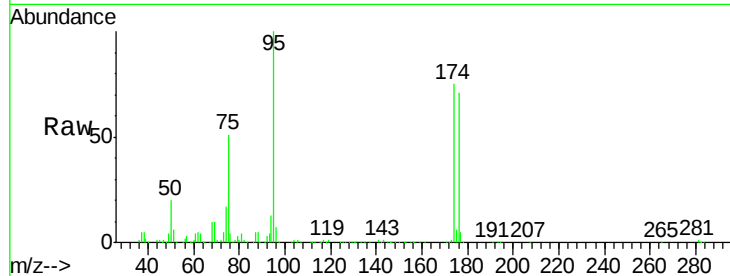




#62
4-Bromofluorobenzene
Concen: 44.325 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001654.D
Acq: 17 Feb 2020 18:14

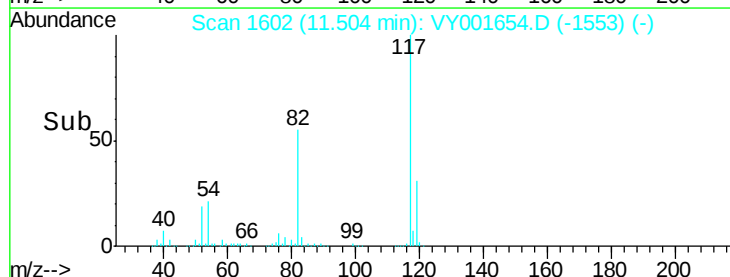
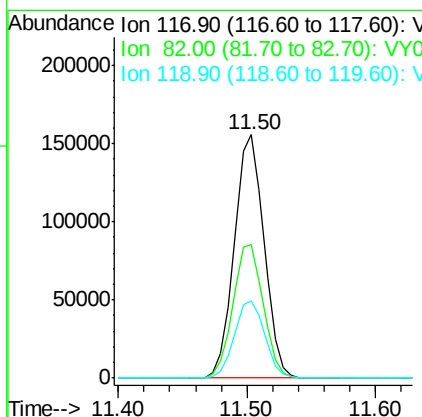
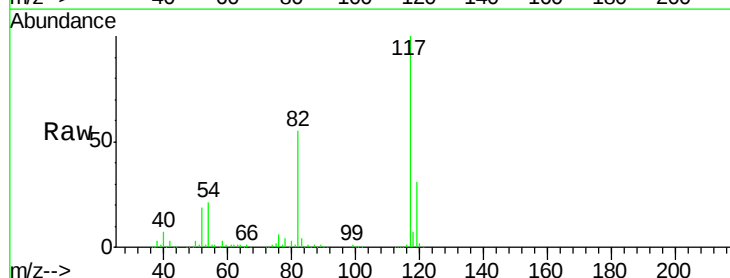
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(6)

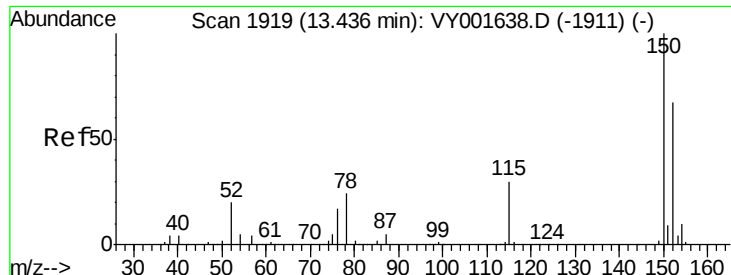
Tot Ion	95	Resp	109238
Ion Ratio	Lower	Upper	
95	100		
174	74.6	0.0	138.4
176	71.2	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001654.D
Acq: 17 Feb 2020 18:14

Tgt Ion	117	Resp	249917
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.5	68.3
119	31.5	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: VY001654.D

Acq: 17 Feb 2020 18:14

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(6)

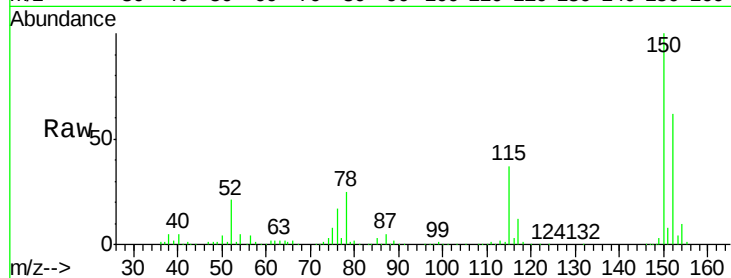
Tot Ion:152 Resp: 102052

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.2

150 159.3 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

