

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001652.D
 Acq On : 17 Feb 2020 17:29
 Operator : SY/MD
 Sample : L1546-08
 Misc : 6.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(4)

Quant Time: Feb 18 00:50:04 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

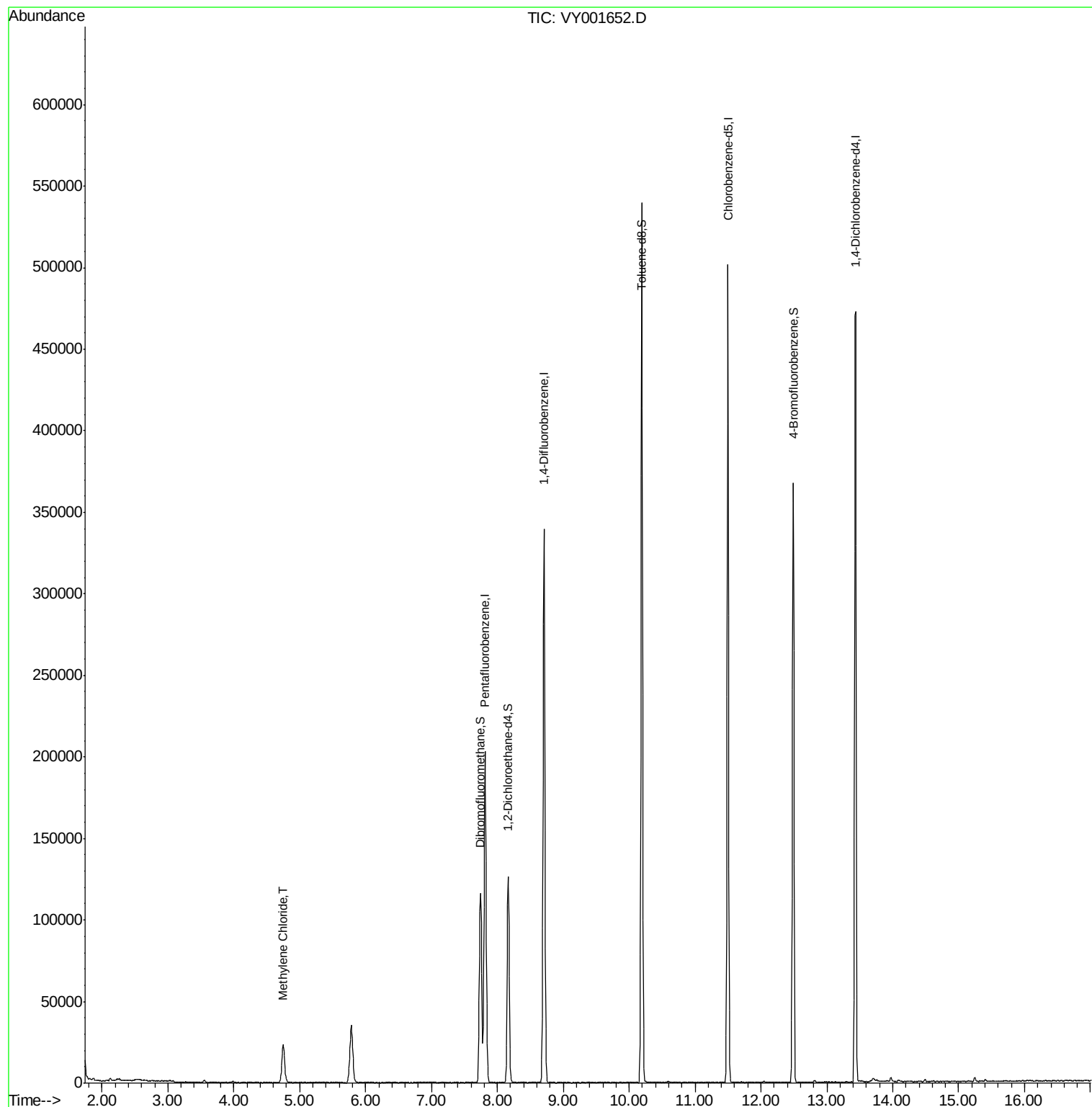
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	264942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119149	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94981	56.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.84%	
35) Dibromofluoromethane	7.74	113	84382	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.19	98	347963	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.49	95	121341	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
Target Compounds						
20) Methylene Chloride	4.75	84	16806	8.194	ug/l	Qvalue 100

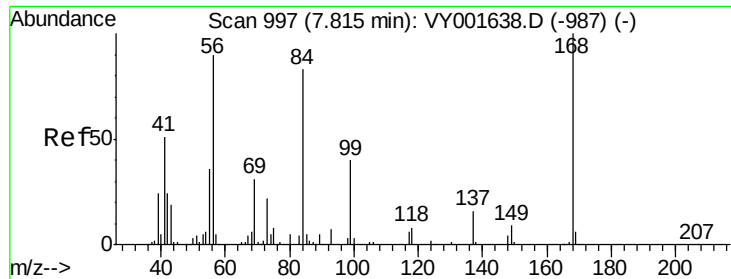
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001652.D

Acq: 17 Feb 2020 17:29

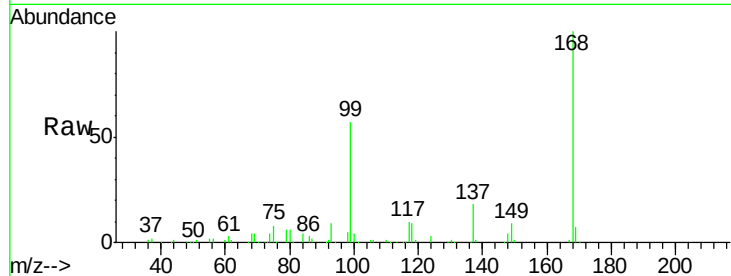
Instrument :
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INDIAN-ISLAND-(4)

Tot Ion:168 Resp: 155146

Ion Ratio Lower Upper

168 100

99 57.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

60000

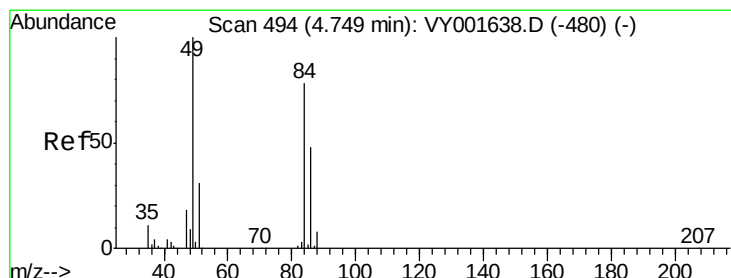
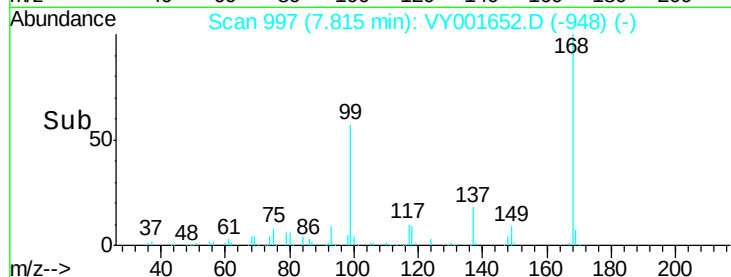
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 8.194 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001652.D

Acq: 17 Feb 2020 17:29

Tgt Ion: 84 Resp: 16806

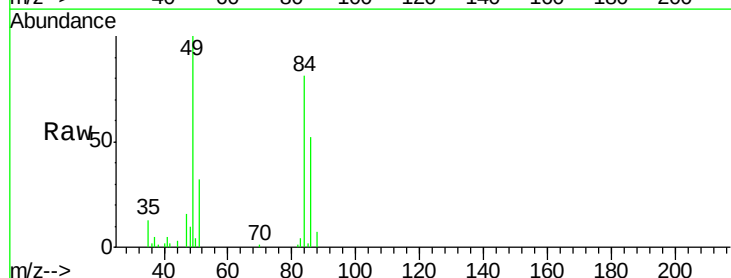
Ion Ratio Lower Upper

84 100

49 124.1 99.2 148.8

51 40.1 31.5 47.3

86 64.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

10000

8000

6000

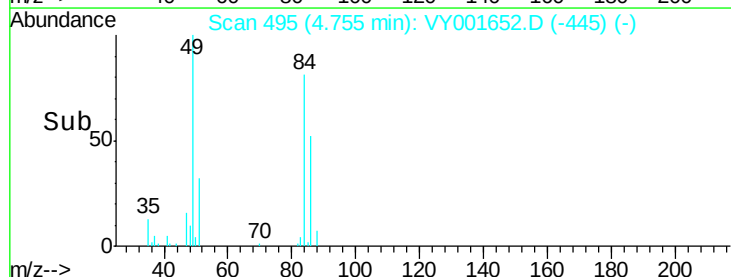
4000

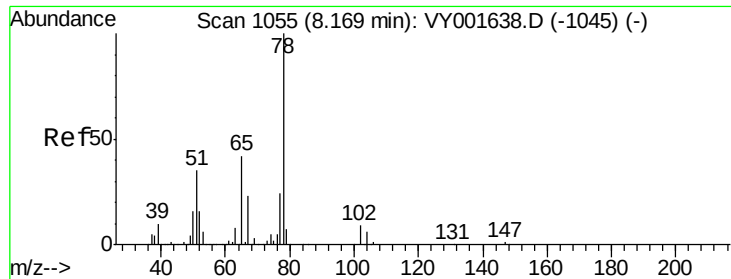
2000

0

4.70 4.80

Time-->

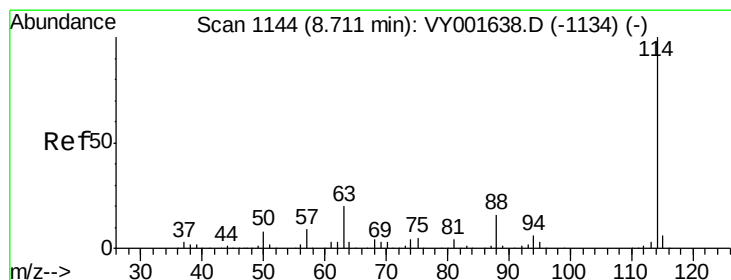
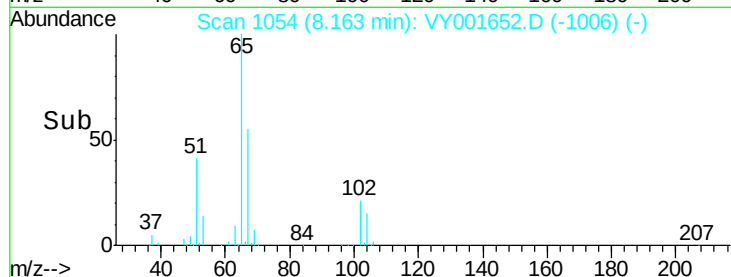
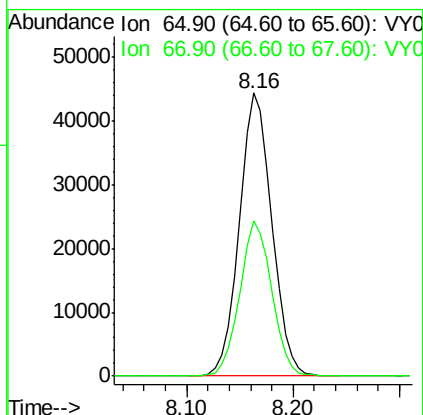
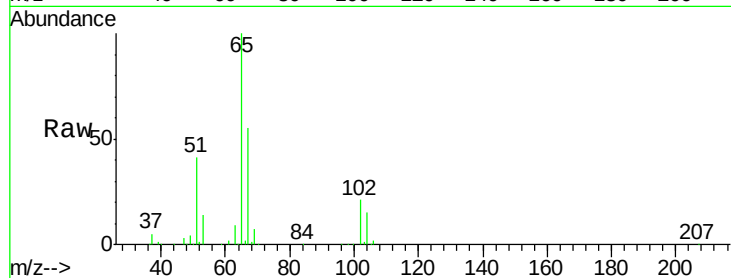




#33
 1,2-Dichloroethane-d4
 Concen: 56.915 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001652.D
 Acq: 17 Feb 2020 17:29

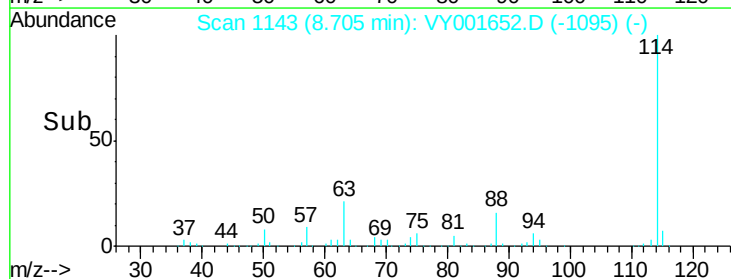
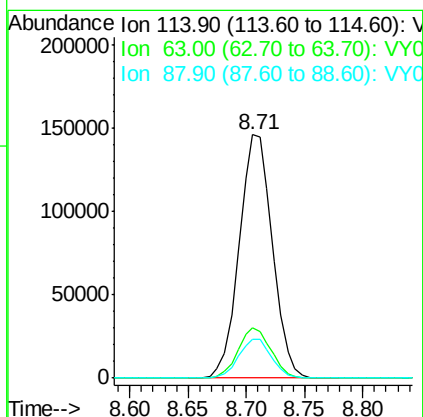
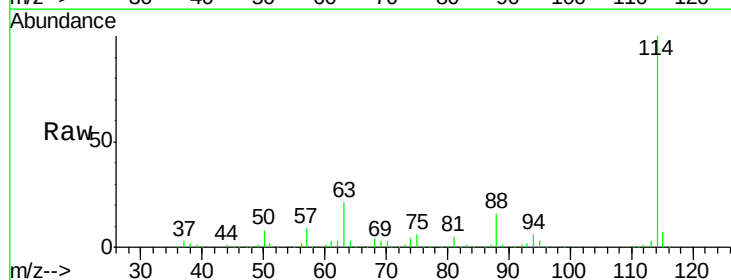
Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(4)

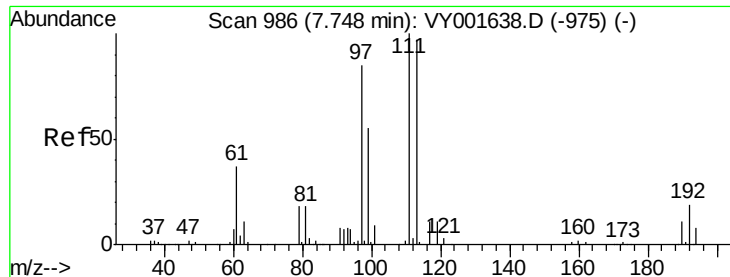
Tot Ion: 65 Resp: 94981
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001652.D
 Acq: 17 Feb 2020 17:29

Tgt Ion: 114 Resp: 289945
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.8 0.0 32.8

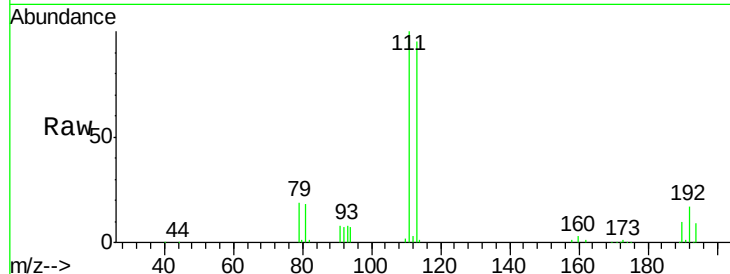




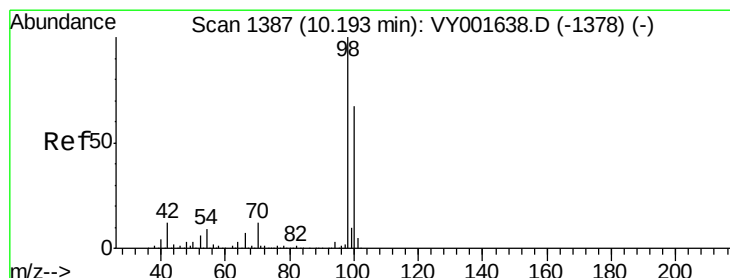
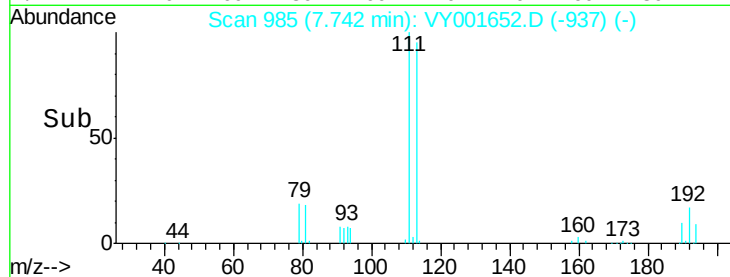
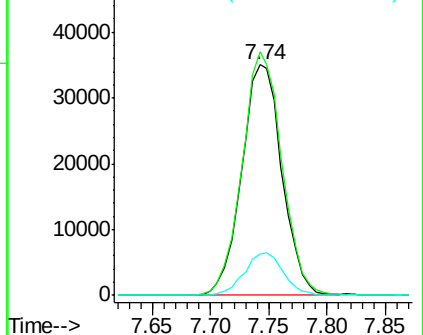
#35
 Dibromofluoromethane
 Concen: 50.812 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001652.D
 Acq: 17 Feb 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(4)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	18.1	14.3	21.5

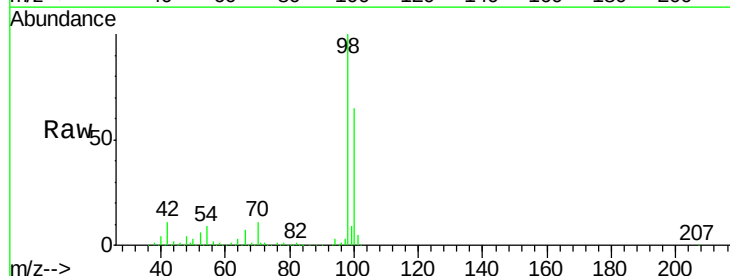


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

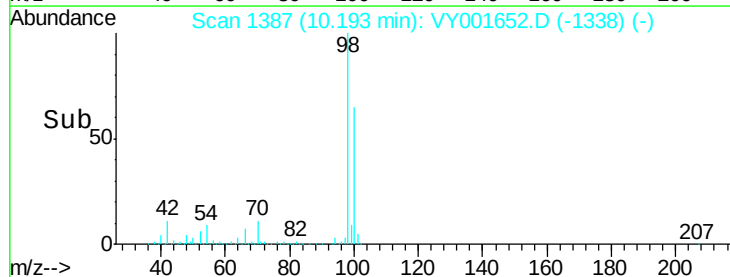
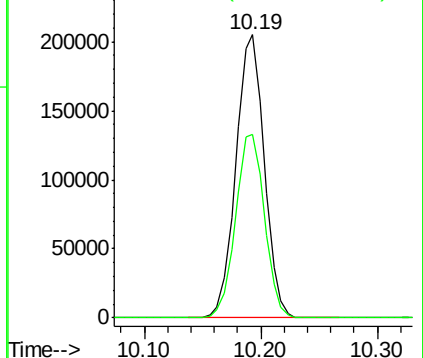


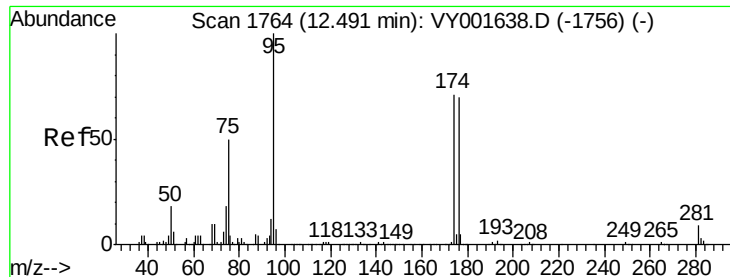
#50
 Toluene-d8
 Concen: 53.483 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001652.D
 Acq: 17 Feb 2020 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



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

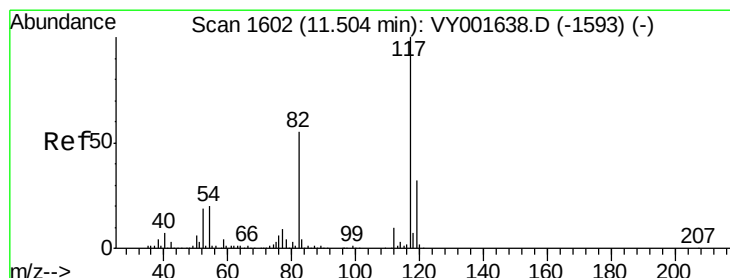
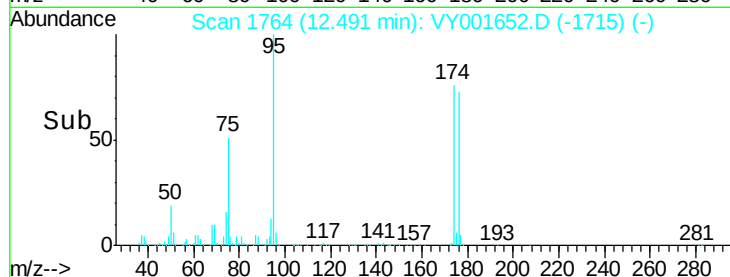
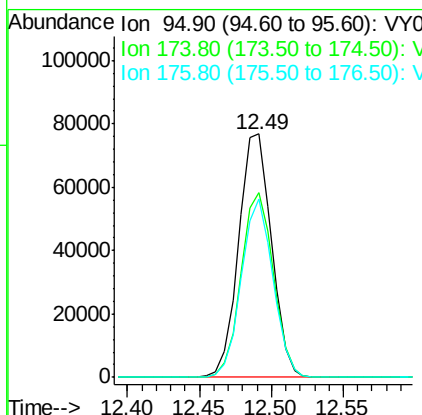
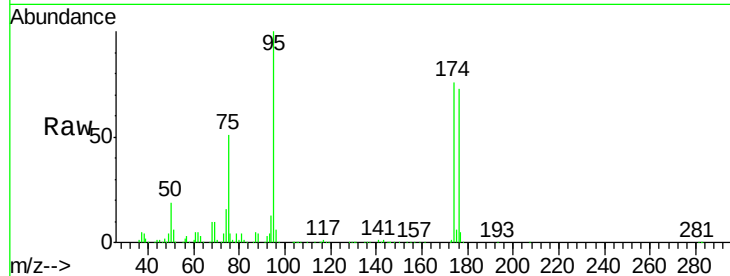




#62
4-Bromofluorobenzene
Concen: 48.008 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001652.D
Acq: 17 Feb 2020 17:29

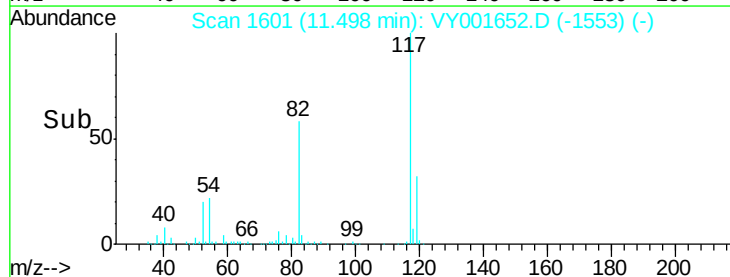
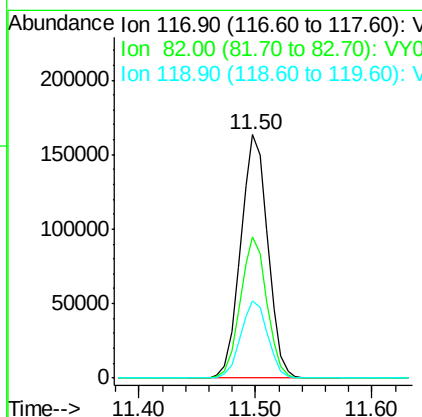
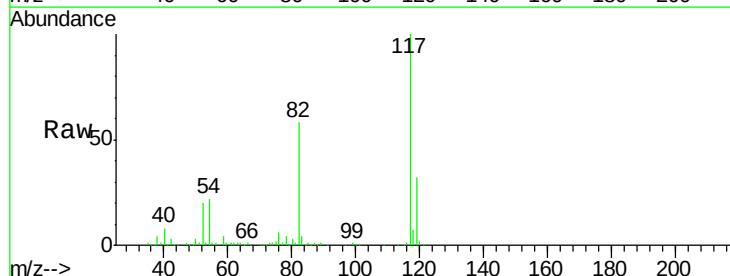
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(4)

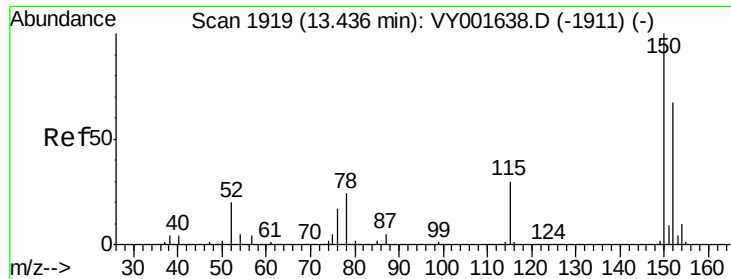
Tot Ion	95	174	176
Resp	121341	138.4	131.8
Ratio	100	74.8	70.4
Lower		0.0	0.0
Upper			



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001652.D
Acq: 17 Feb 2020 17:29

Tgt Ion	117	82	119
Resp	264942	68.3	38.6
Ratio	100	58.1	32.0
Lower		45.5	25.8
Upper			

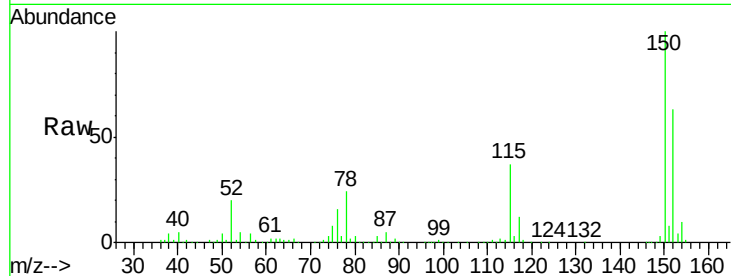




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VY001652.D
 Acq: 17 Feb 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	31.4	94.2
150	156.0	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

