

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001651.D
 Acq On : 17 Feb 2020 17:07
 Operator : SY/MD
 Sample : L1546-06
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(3)

Quant Time: Feb 18 00:48:14 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

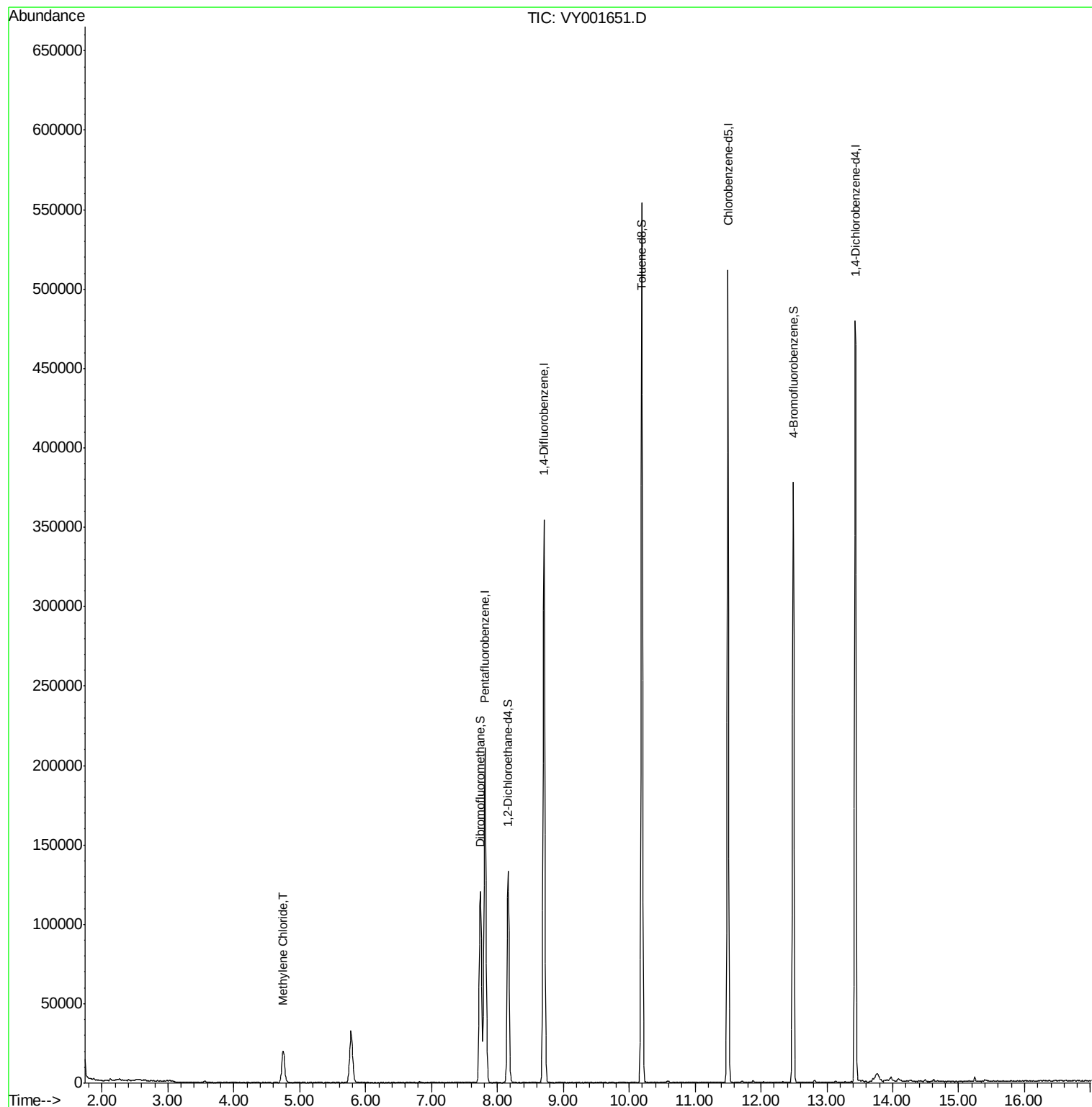
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	302796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	267162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96257	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.74	113	86388	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.19	98	359473	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.49	95	123139	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
Target Compounds						
20) Methylene Chloride	4.75	84	15316	7.129	ug/l	Qvalue 93

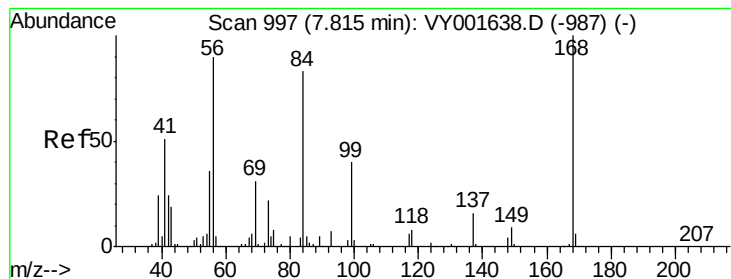
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
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QLast Update : Mon Feb 17 12:19:53 2020
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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: VY001651.D

Acq: 17 Feb 2020 17:07

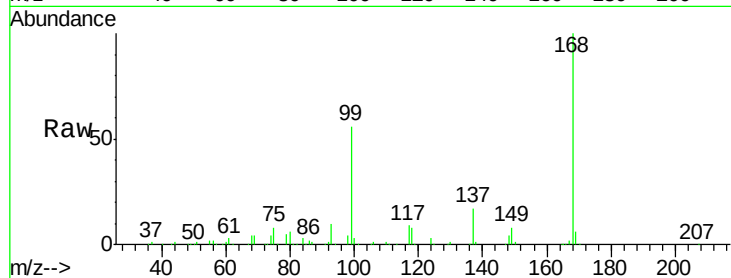
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(3)

Tot Ion:168 Resp: 162503

Ion Ratio Lower Upper

168 100

99 56.3 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

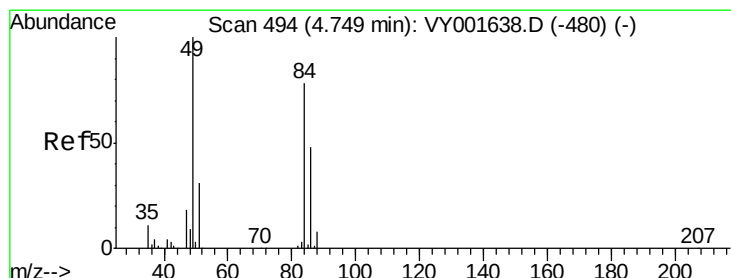
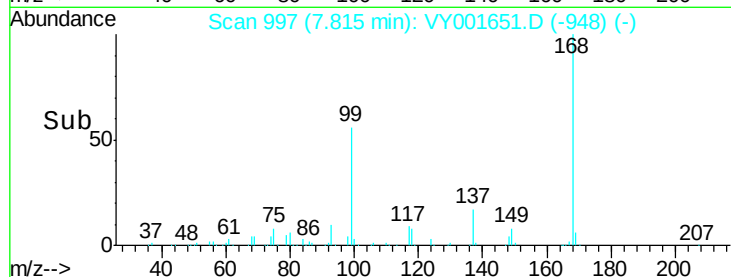
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 7.129 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001651.D

Acq: 17 Feb 2020 17:07

Tgt Ion: 84 Resp: 15316

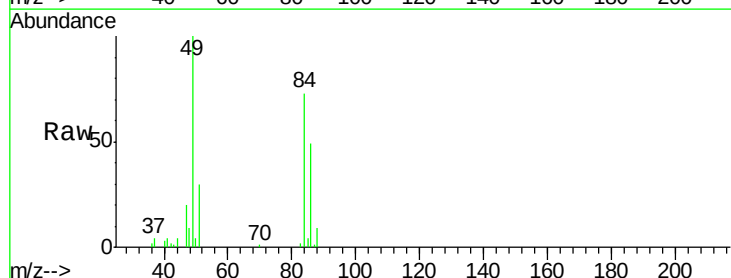
Ion Ratio Lower Upper

84 100

49 136.3 99.2 148.8

51 40.9 31.5 47.3

86 66.6 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

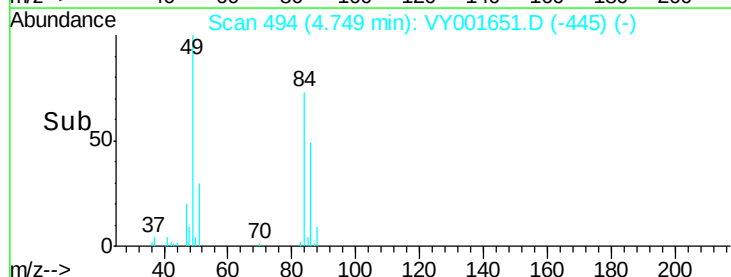
4000

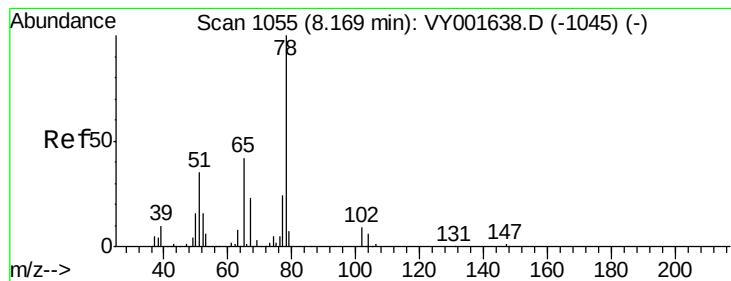
2000

0

4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.068 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001651.D

Acq: 17 Feb 2020 17:07

Instrument :

MSVOA_Y

ClientSampleId :

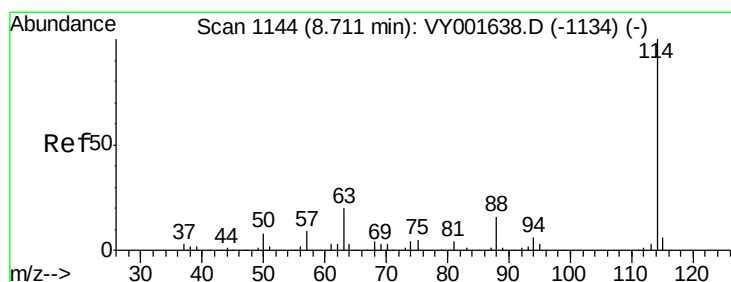
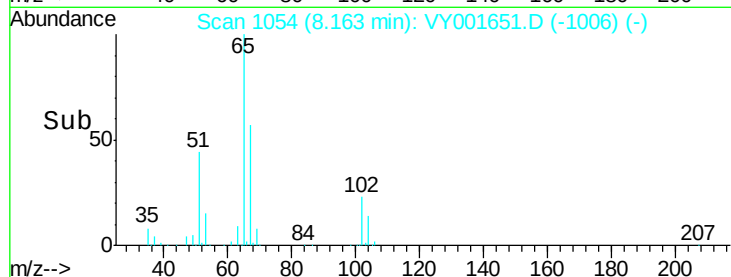
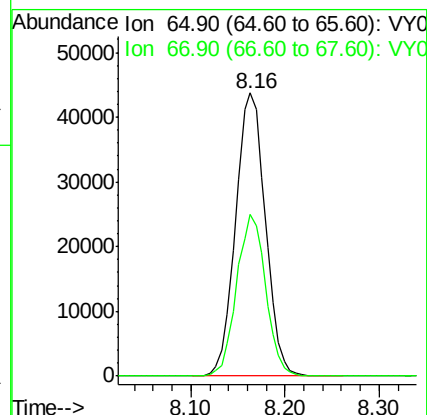
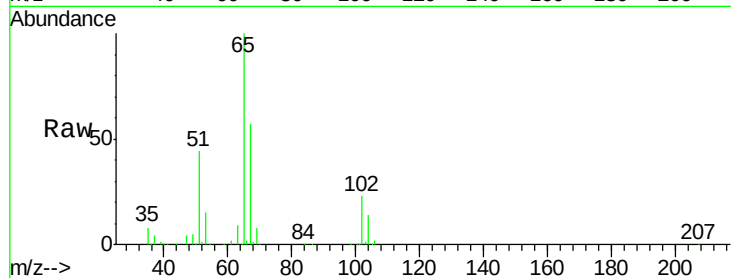
INDIAN-ISLAND-(3)

Tot Ion: 65 Resp: 96257

Ion Ratio Lower Upper

65 100

67 55.7 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: VY001651.D

Acq: 17 Feb 2020 17:07

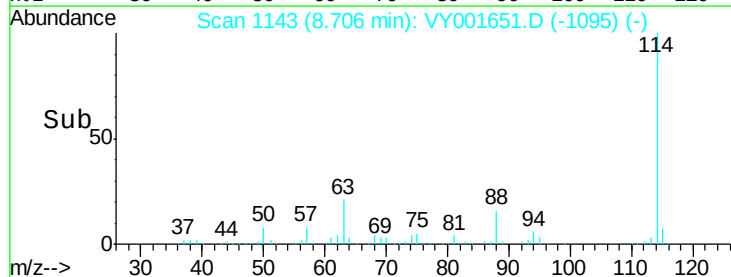
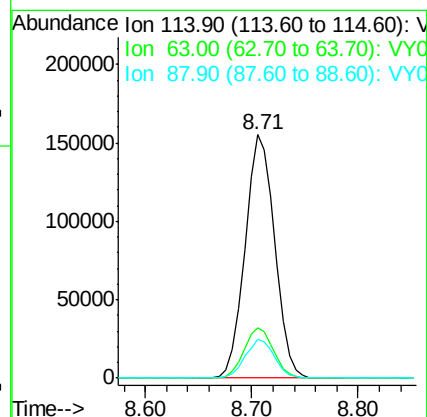
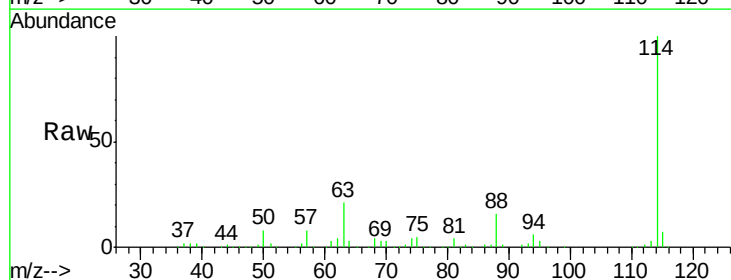
Tgt Ion: 114 Resp: 302796

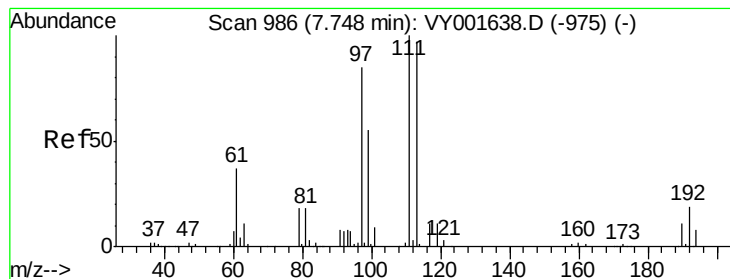
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001651.D

Acq: 17 Feb 2020 17:07

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(3)

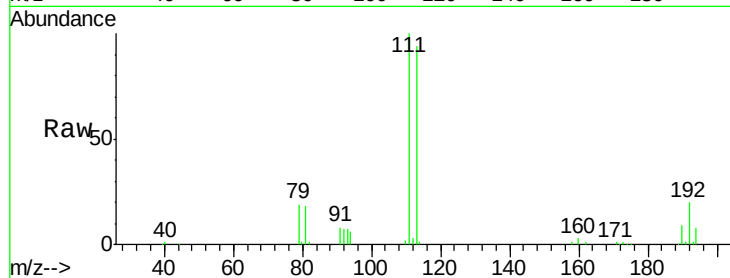
Tot Ion:113 Resp: 86388

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

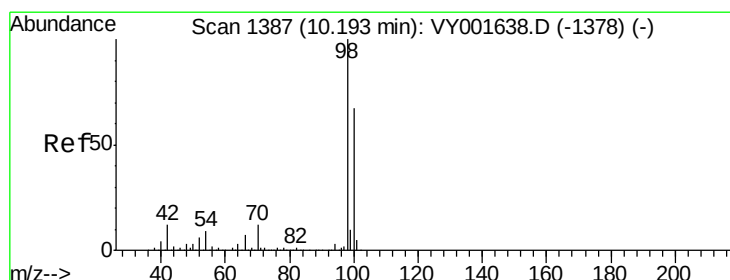
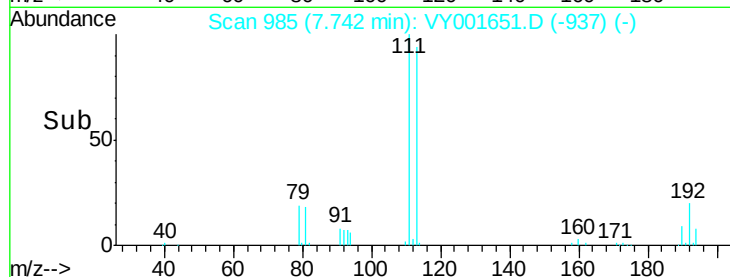
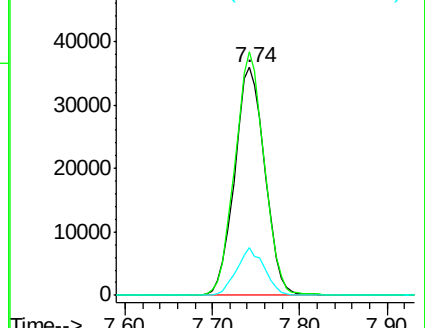
192 19.2 14.3 21.5



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: 52.907 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001651.D

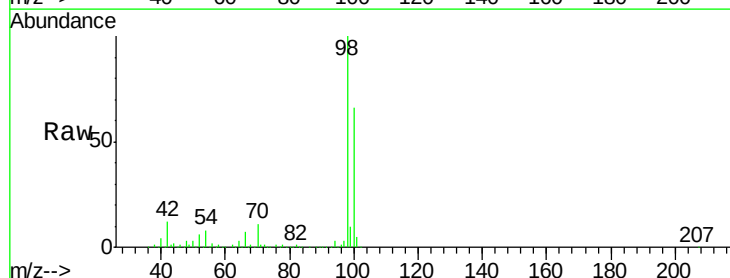
Acq: 17 Feb 2020 17:07

Tgt Ion: 98 Resp: 359473

Ion Ratio Lower Upper

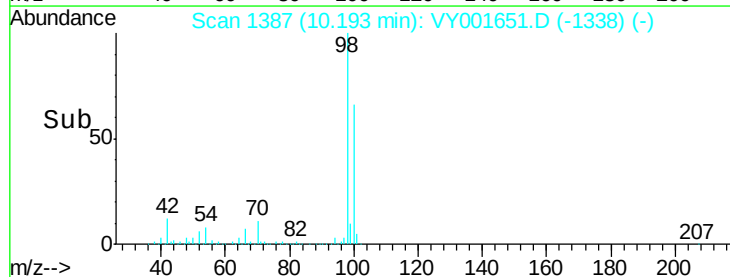
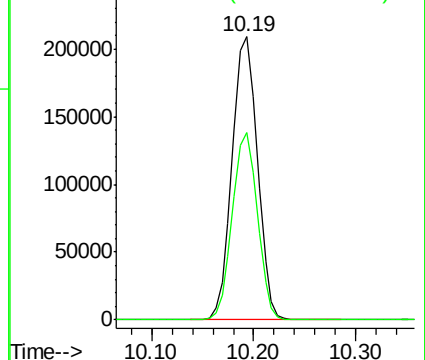
98 100

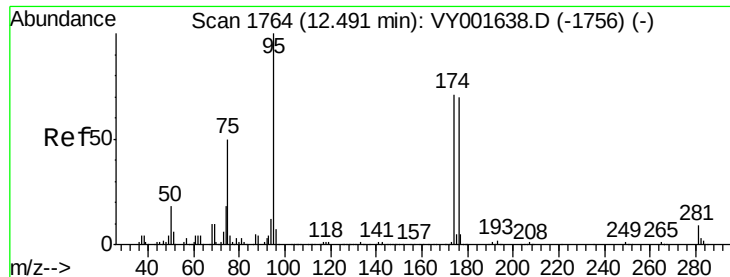
100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

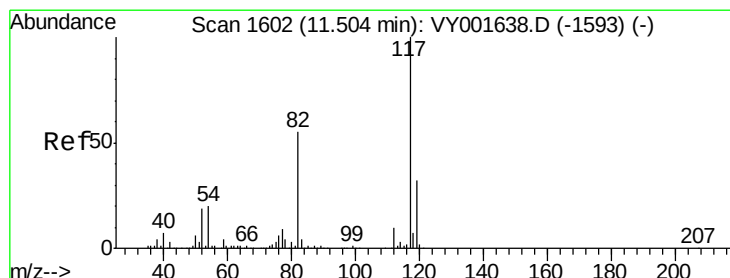
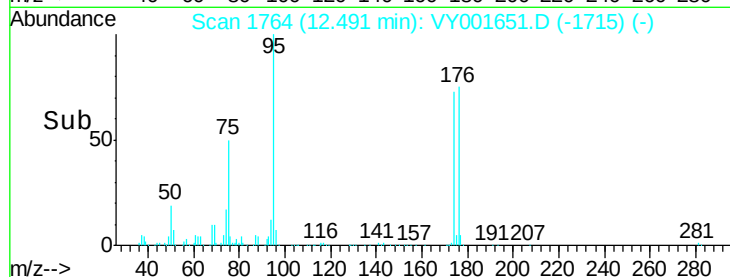
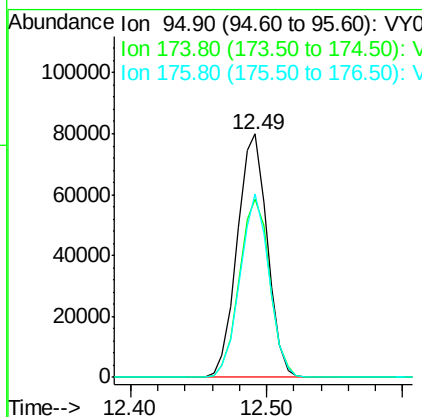
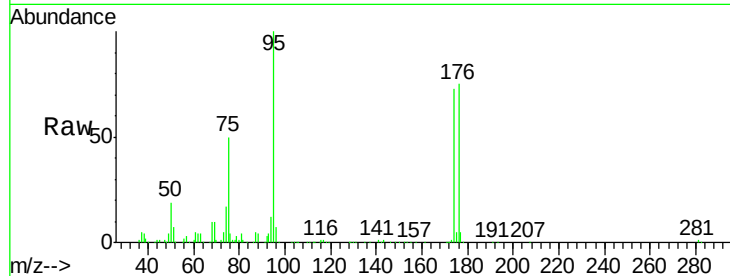




#62
4-Bromofluorobenzene
Concen: 46.651 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001651.D
Acq: 17 Feb 2020 17:07

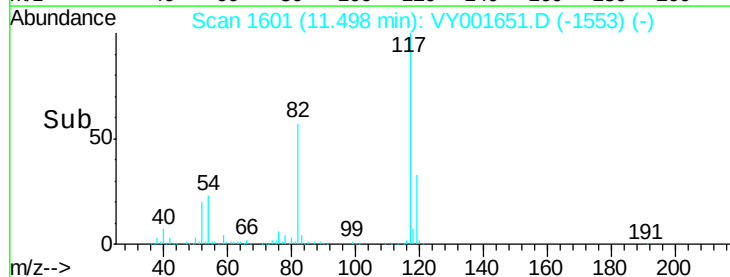
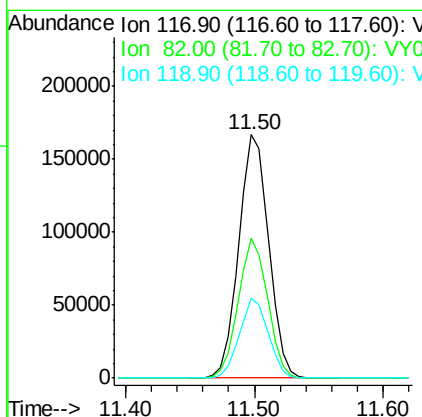
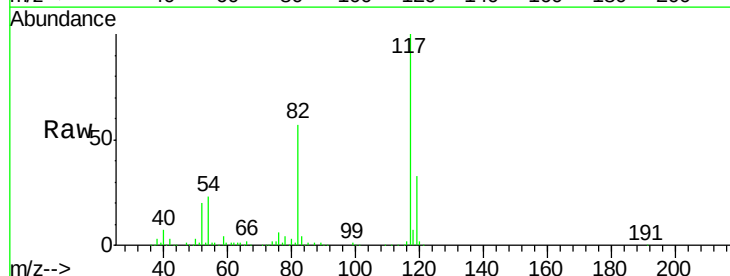
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(3)

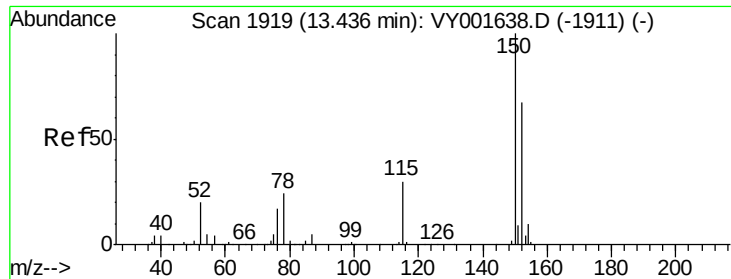
Tot Ion	95	Resp	123139
Ion Ratio	Lower	Upper	
95	100		
174	74.3	0.0	138.4
176	72.7	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001651.D
Acq: 17 Feb 2020 17:07

Tgt Ion	117	Resp	267162
Ion Ratio	Lower	Upper	
117	100		
82	57.5	45.5	68.3
119	32.9	25.8	38.6



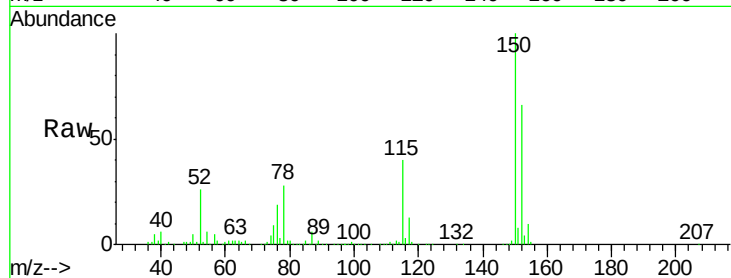


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.43 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: VY001651.D
 Acq: 17 Feb 2020 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(3)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.4	94.2
150	155.8	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

