

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001667.D
 Acq On : 18 Feb 2020 12:30
 Operator : SY/MD
 Sample : L1546-16
 Misc : 7.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 19 07:14:52 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

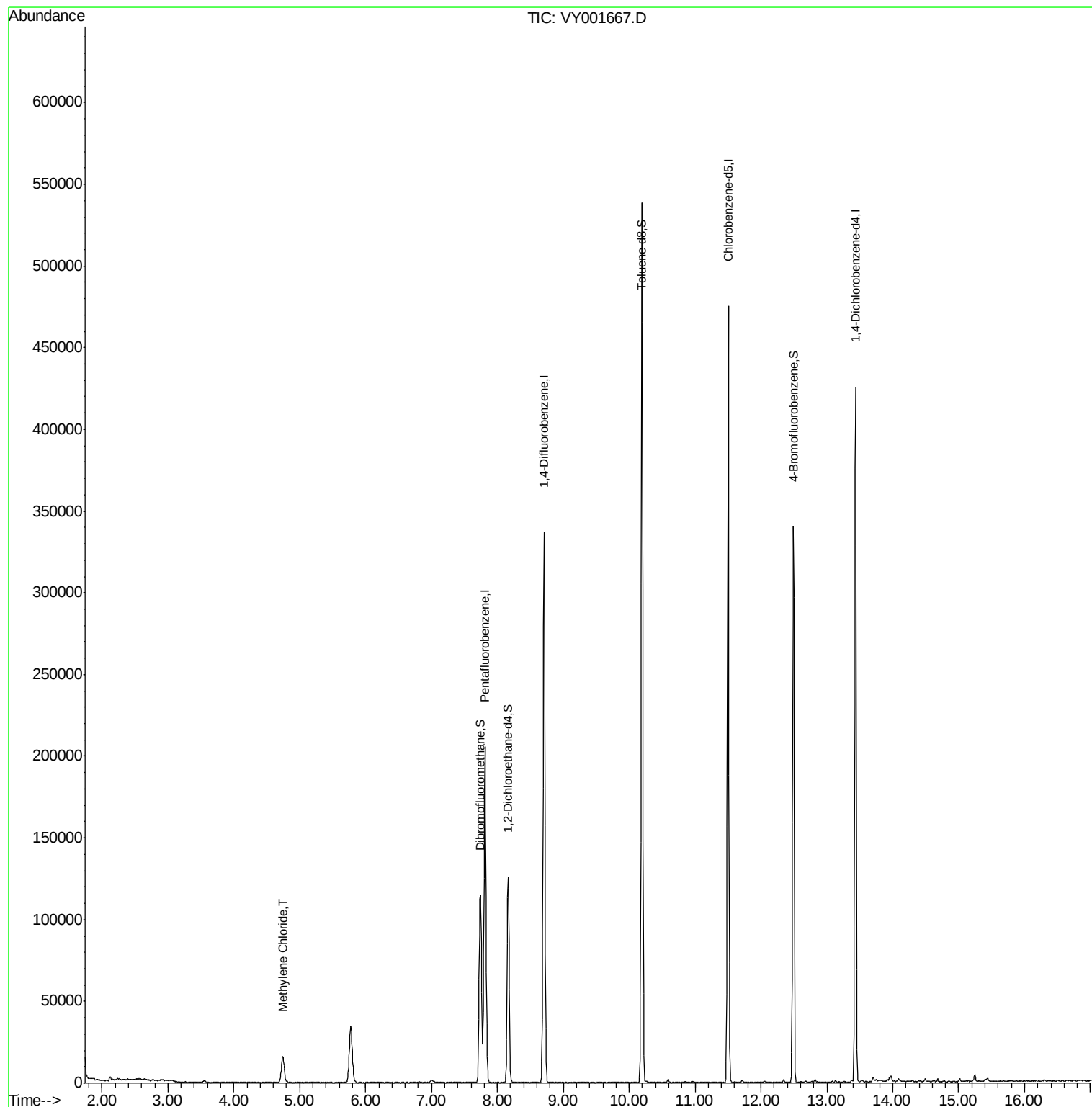
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92102	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
35) Dibromofluoromethane	7.74	113	84260	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.19	98	346260	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	111134	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
Target Compounds						
20) Methylene Chloride	4.74	84	11905	5.804	ug/l	Qvalue 93

(#) = 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: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

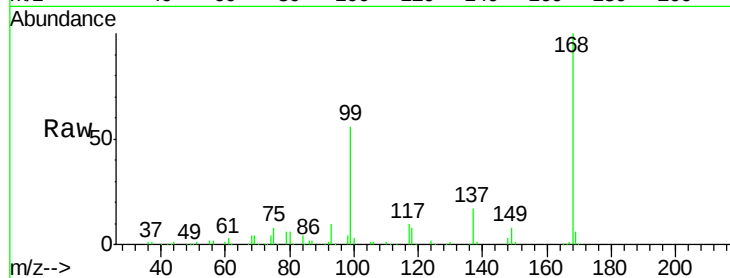
INDIAN-ISLAND-(8)

Tot Ion:168 Resp: 155144

Ion Ratio Lower Upper

168 100

99 56.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001667.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001667.D (-948) (-)

7.82

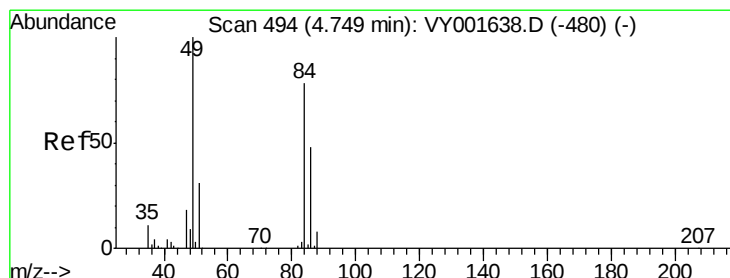
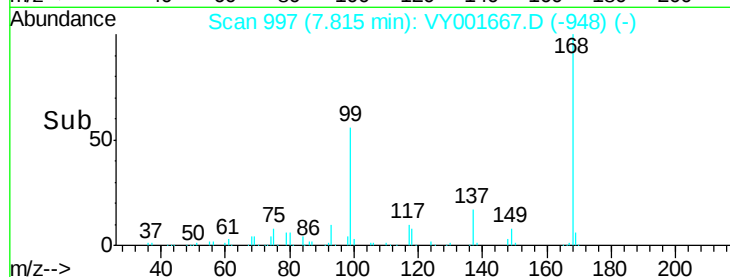
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 5.804 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

Tgt Ion: 84 Resp: 11905

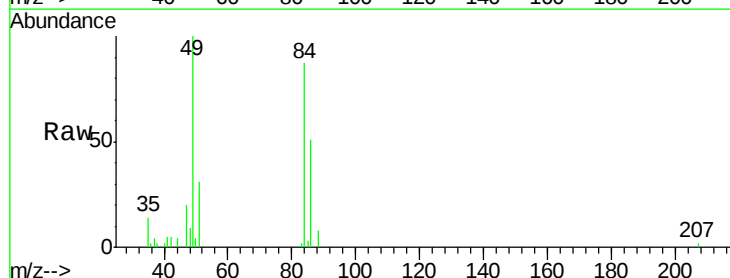
Ion Ratio Lower Upper

84 100

49 115.5 99.2 148.8

51 35.5 31.5 47.3

86 58.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001667.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001667.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001667.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001667.D (-445) (-)

4.74

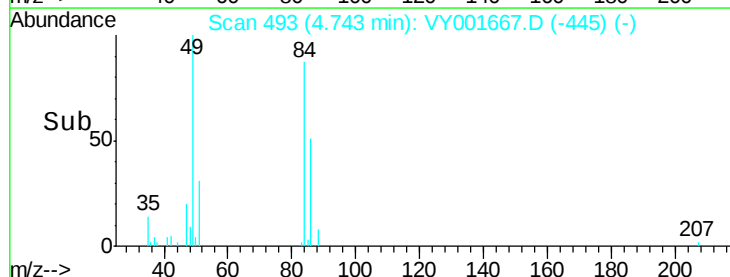
6000

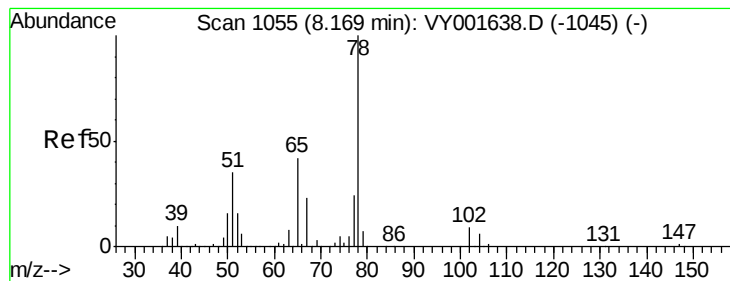
4000

2000

0

Time--> 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 55.191 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

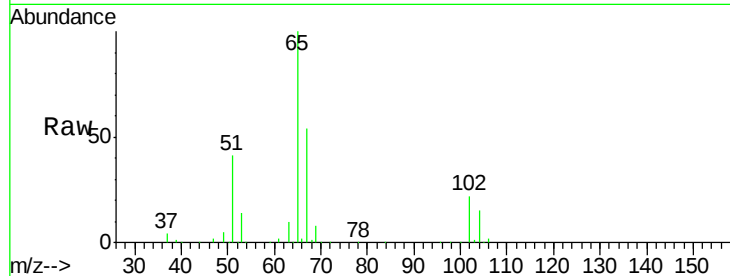
INDIAN-ISLAND-(8)

Tot Ion: 65 Resp: 92102

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001667.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001667.D (-1006) (-)

8.16

50000

40000

30000

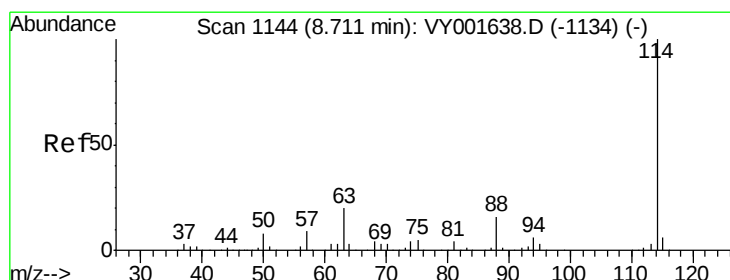
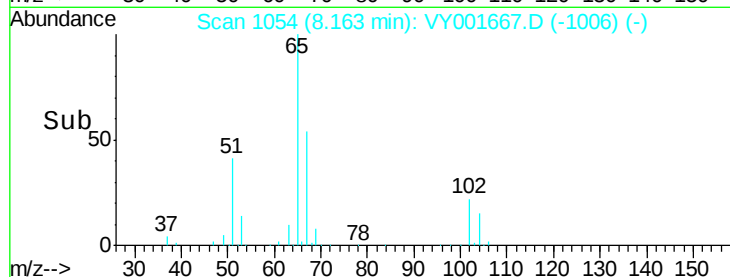
20000

10000

0

8.10 8.20 8.30

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001667.D

Acq: 18 Feb 2020 12:30

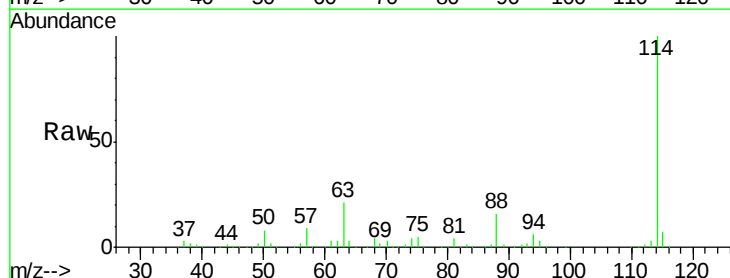
Tgt Ion: 114 Resp: 289899

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VY001667.D (-1095) (-)

Ion 63.00 (62.70 to 63.70): VY001667.D (-1095) (-)

Ion 87.90 (87.60 to 88.60): VY001667.D (-1095) (-)

8.71

200000

150000

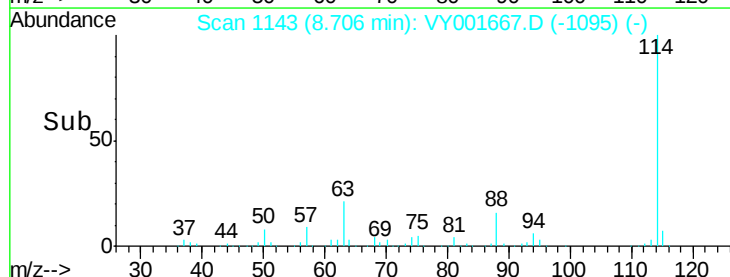
100000

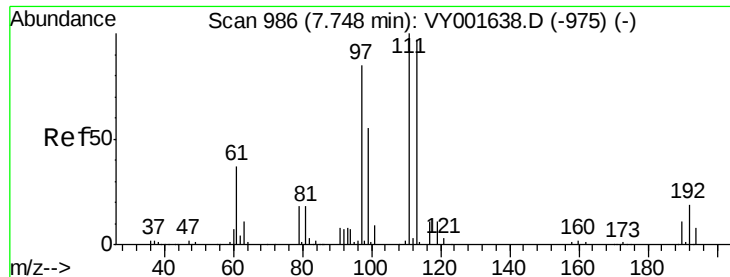
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

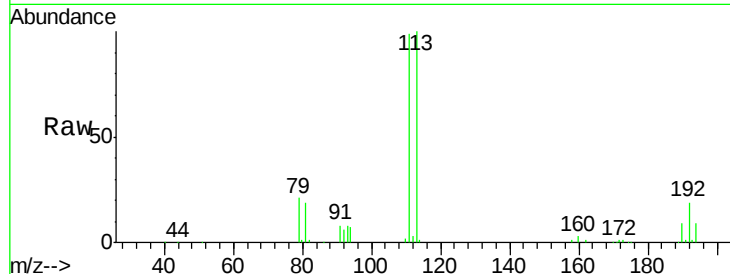




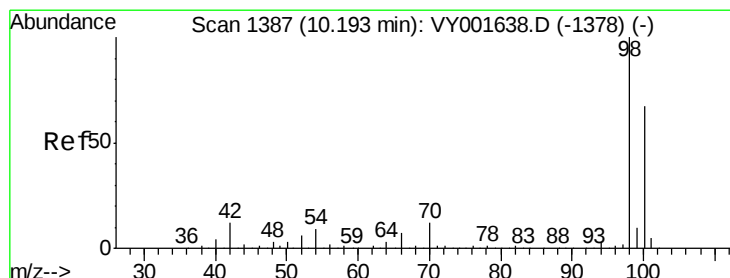
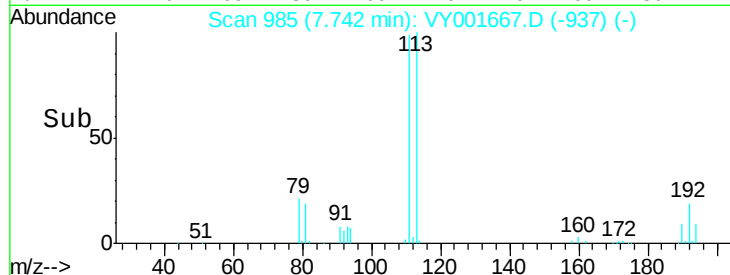
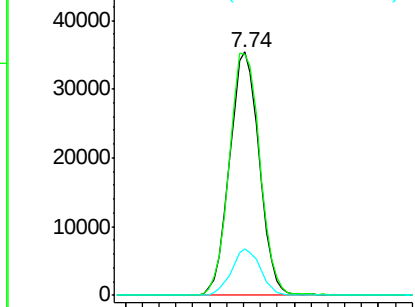
#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

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

Tot Ion:113 Resp: 84260
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 18.6 14.3 21.5

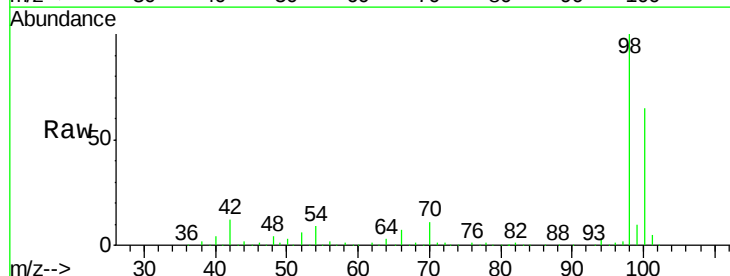


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

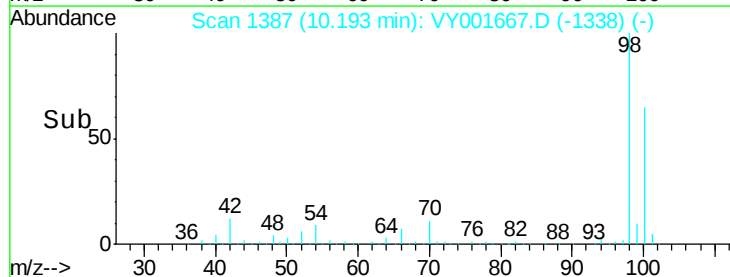
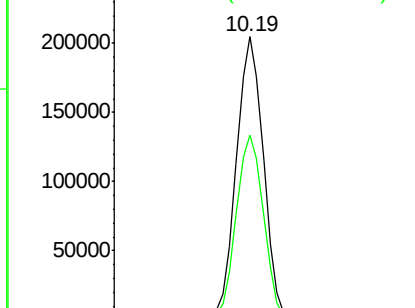


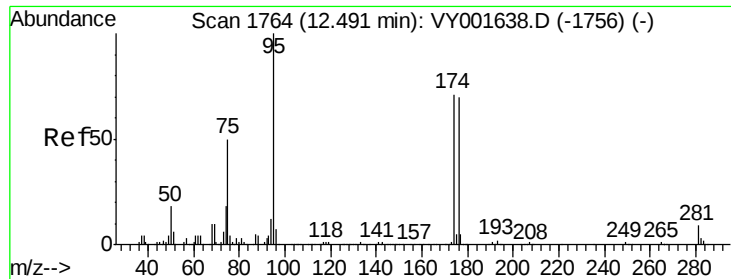
#50
Toluene-d8
Concen: 53.230 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

Tgt Ion: 98 Resp: 346260
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



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

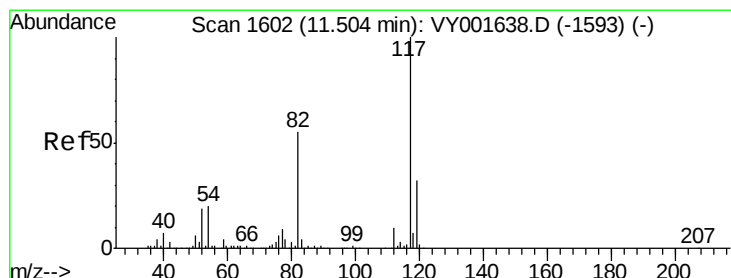
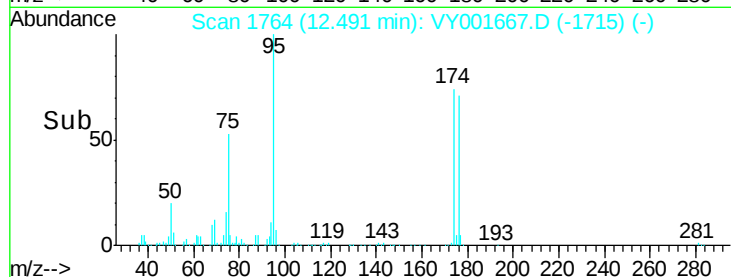
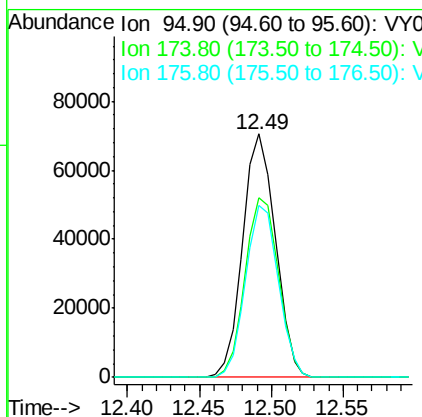
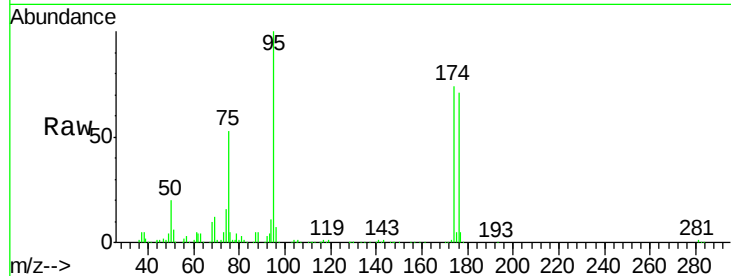




#62
4-Bromofluorobenzene
Concen: 43.976 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

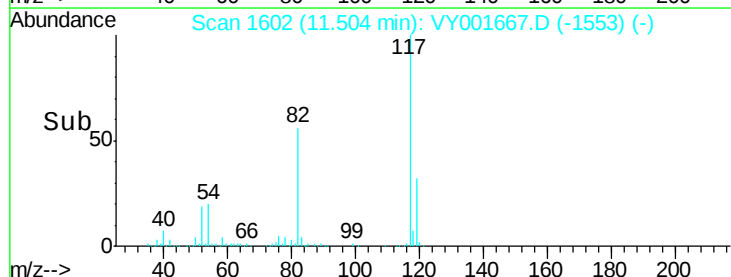
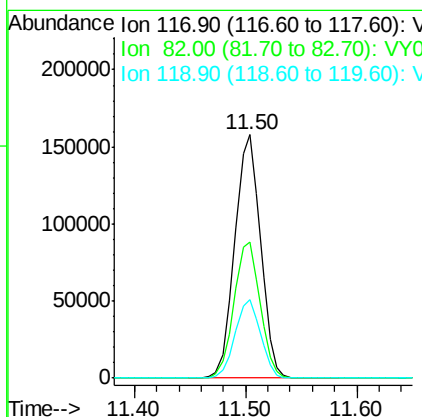
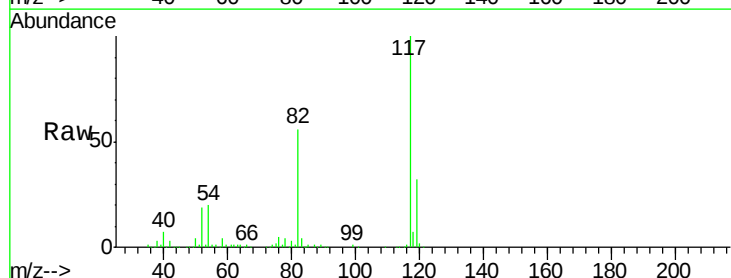
Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(8)

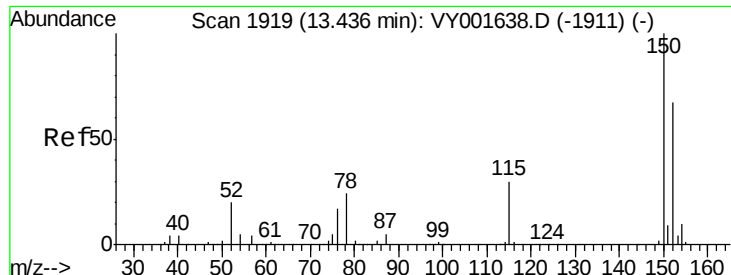
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	138.4
176	70.7	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001667.D
Acq: 18 Feb 2020 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.5	68.3
119	32.2	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: VY001667.D

Acq: 18 Feb 2020 12:30

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(8)

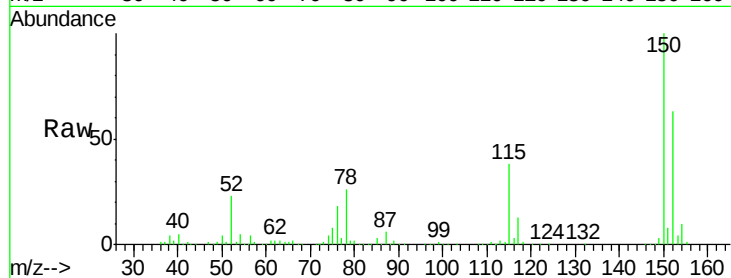
Tot Ion:152 Resp: 101353

Ion Ratio Lower Upper

152 100

115 60.8 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

