

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001668.D
 Acq On : 18 Feb 2020 12:52
 Operator : SY/MD
 Sample : L1546-20
 Misc : 5.83G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(10)

Quant Time: Feb 19 07:16:38 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	156066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	93594	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	83845	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.20	98	339511	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.49	95	108391	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	

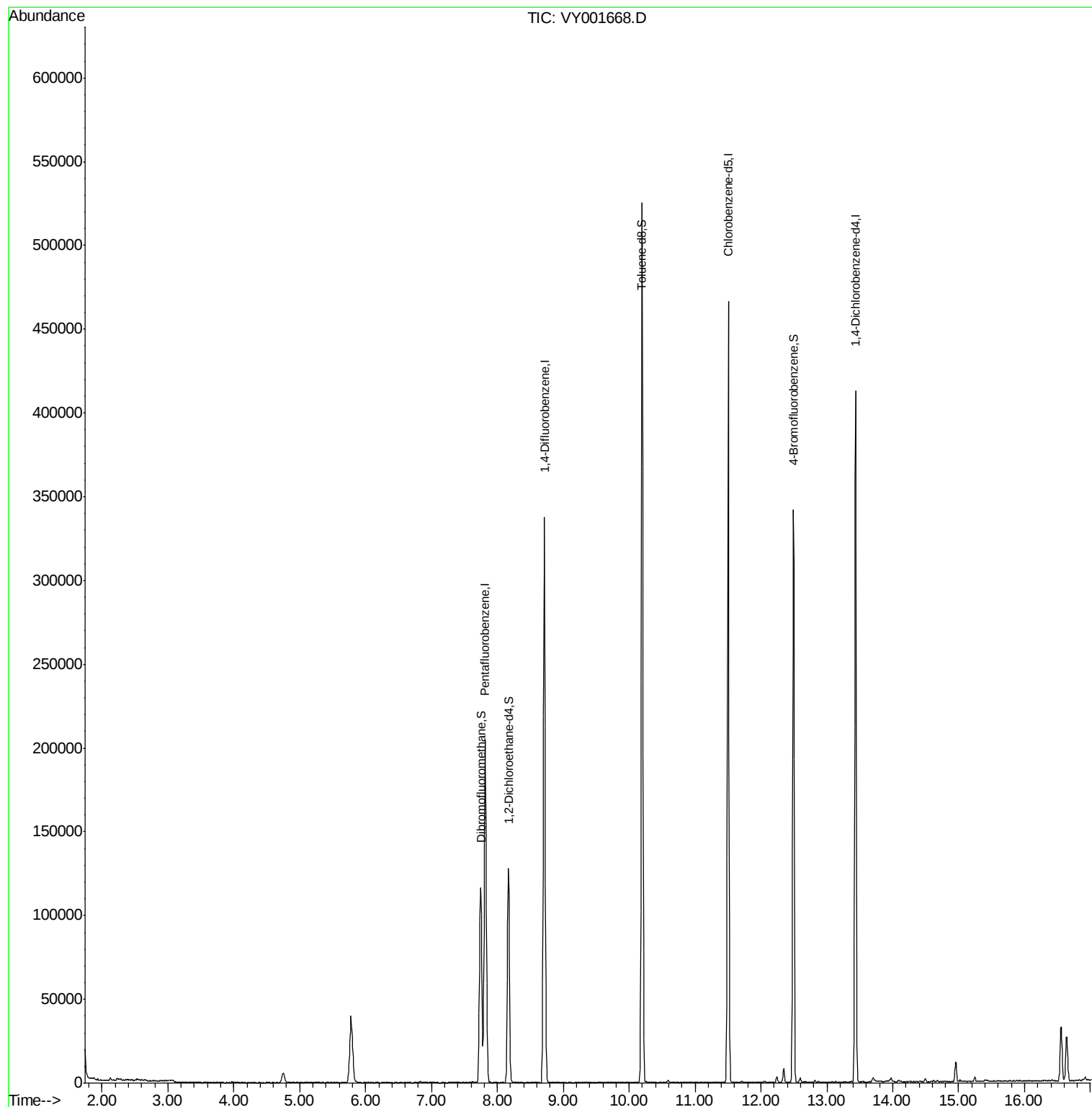
Target Compounds	Qvalue
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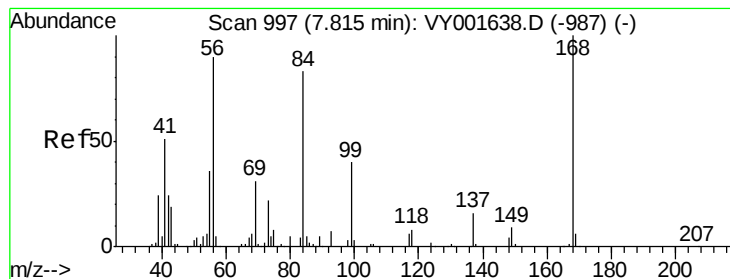
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
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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: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

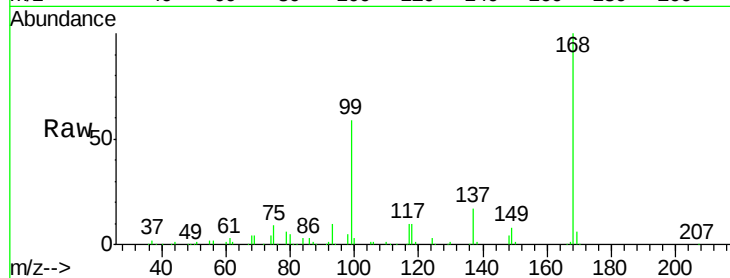
INDIAN-ISLAND-(10)

Tot Ion:168 Resp: 156066

Ion Ratio Lower Upper

168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001668.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001668.D (-948) (-)

7.82

60000

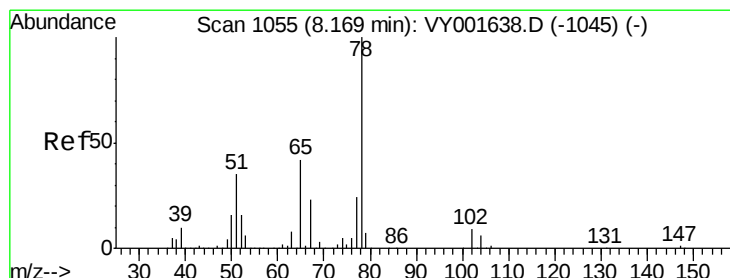
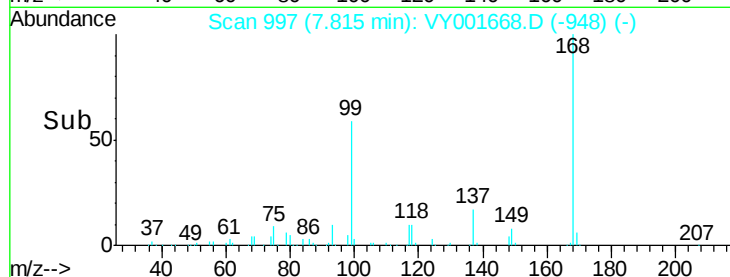
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 55.753 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001668.D

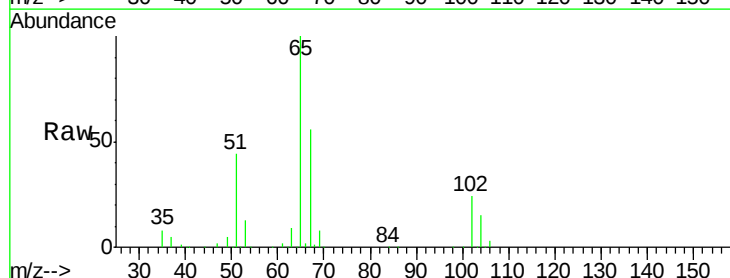
Acq: 18 Feb 2020 12:52

Tgt Ion: 65 Resp: 93594

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001668.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001668.D (-1006) (-)

8.17

50000

40000

30000

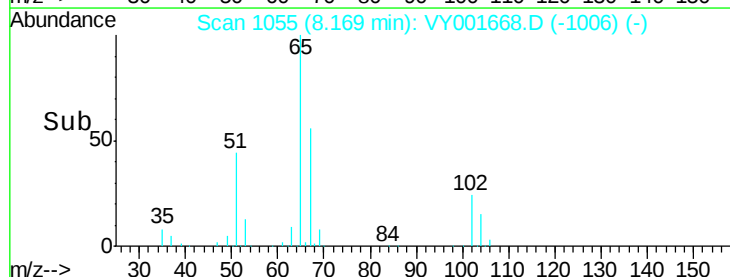
20000

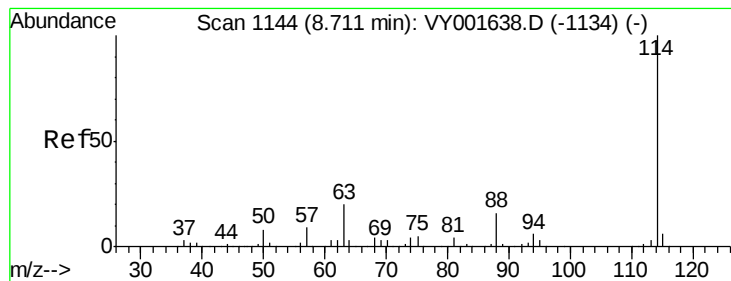
10000

0

Time-->

8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(10)

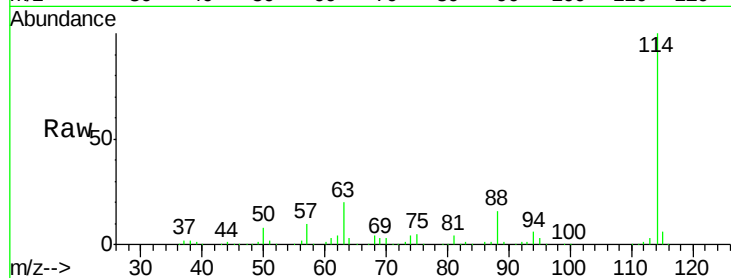
Tot Ion:114 Resp: 285988

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

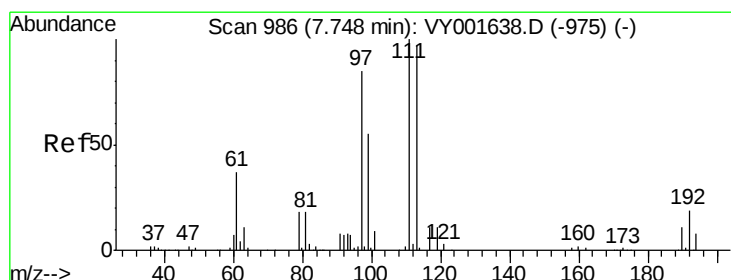
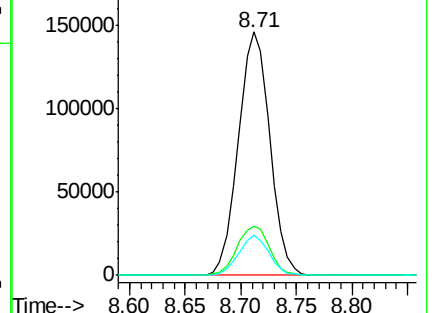
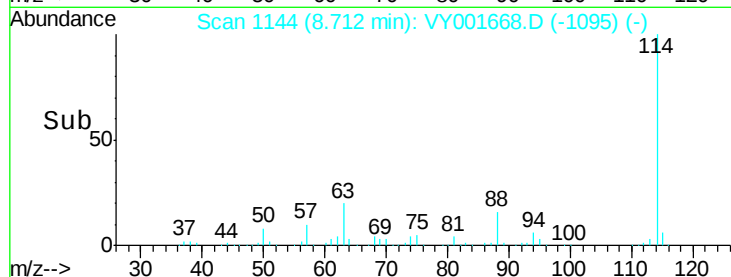
88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.187 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

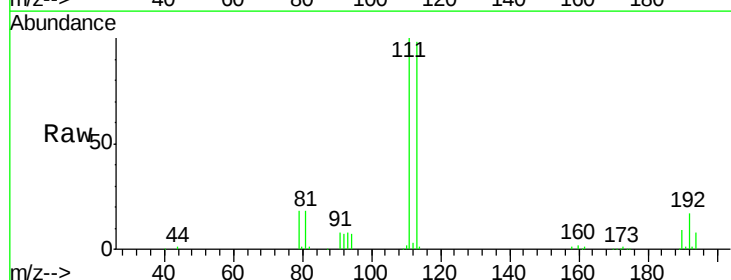
Tgt Ion:113 Resp: 83845

Ion Ratio Lower Upper

113 100

111 104.0 81.9 122.9

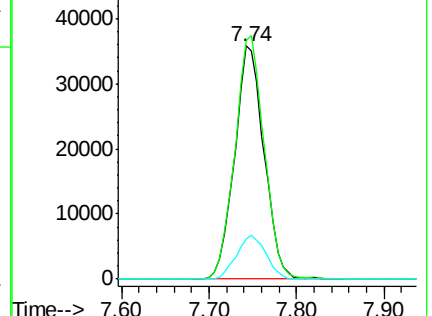
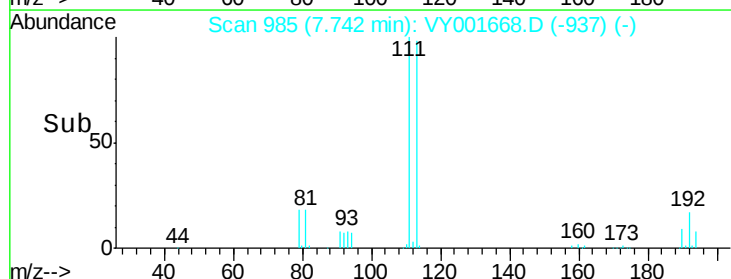
192 18.9 14.3 21.5

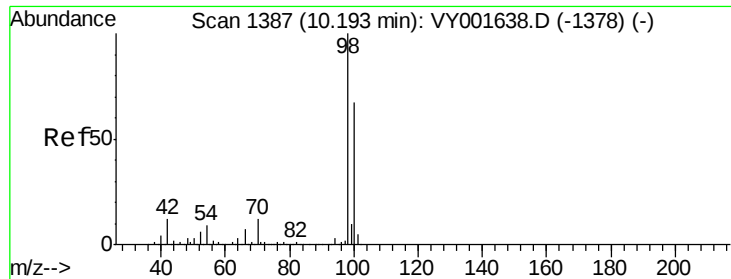


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.906 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

Instrument :

MSVOA_Y

ClientSampleId :

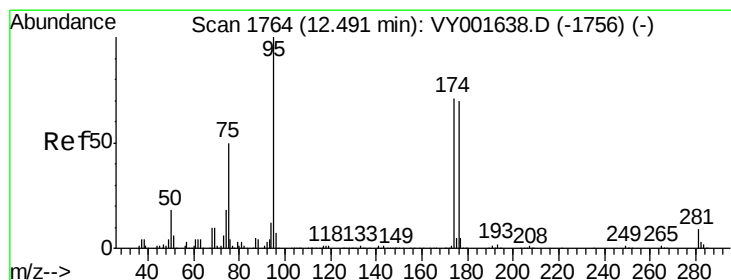
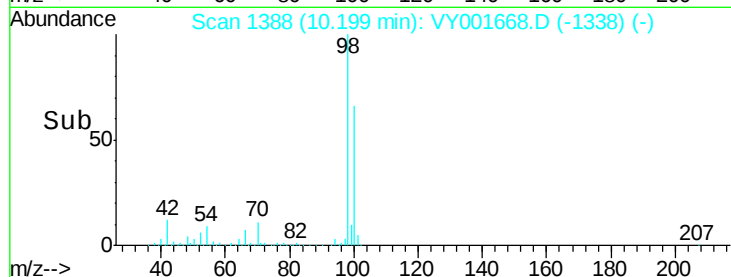
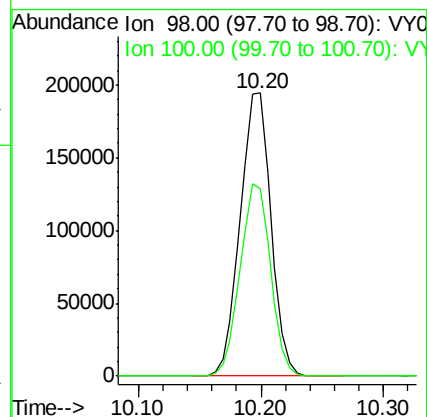
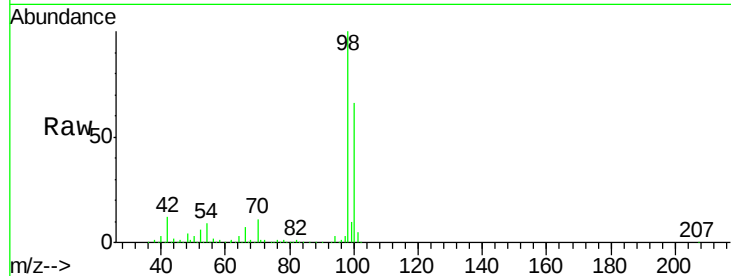
INDIAN-ISLAND-(10)

Tot Ion: 98 Resp: 339511

Ion Ratio Lower Upper

98 100

100 67.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 43.477 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001668.D

Acq: 18 Feb 2020 12:52

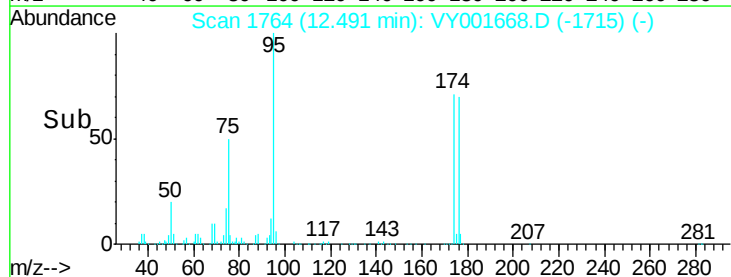
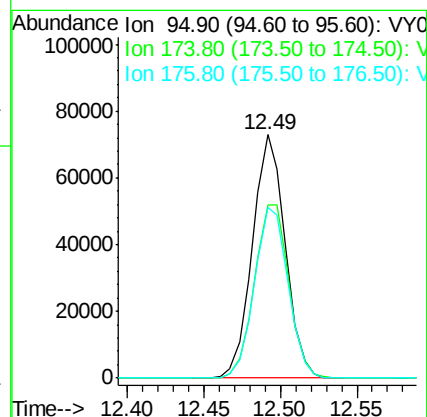
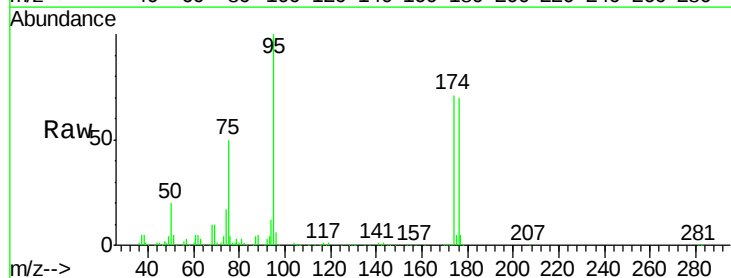
Tgt Ion: 95 Resp: 108391

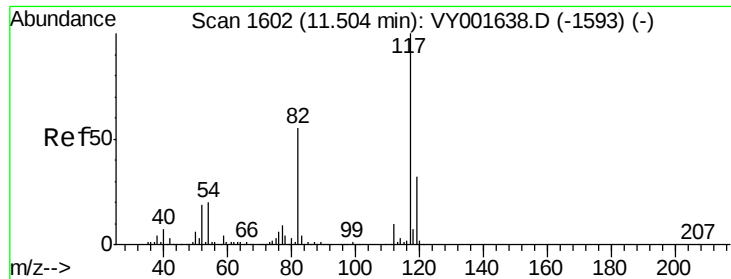
Ion Ratio Lower Upper

95 100

174 75.1 0.0 138.4

176 72.3 0.0 131.8

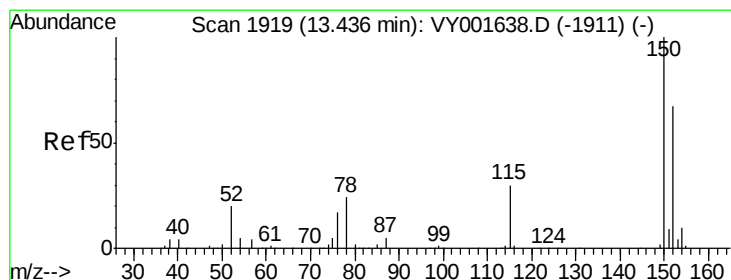
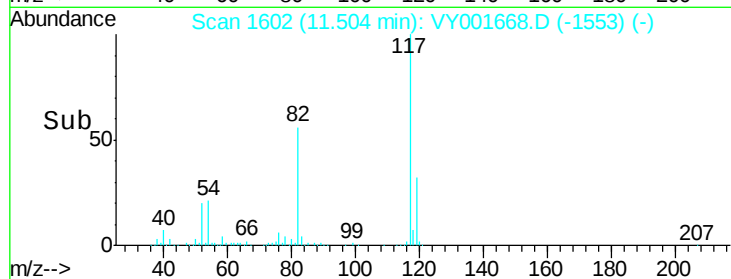
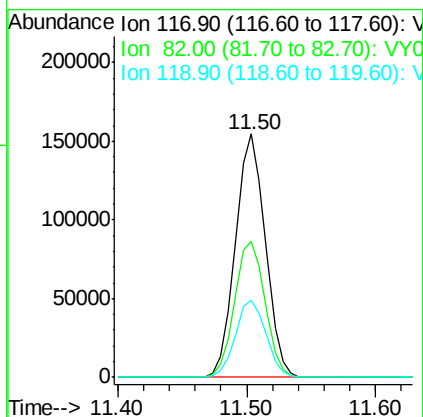
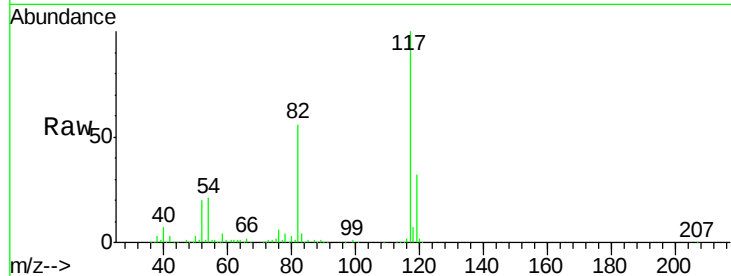




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001668.D
Acq: 18 Feb 2020 12:52

Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(10)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.5	68.3
119	31.7	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: VY001668.D
Acq: 18 Feb 2020 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.4	94.2
150	158.1	0.0	407.2

