

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001658.D
 Acq On : 17 Feb 2020 19:42
 Operator : SY/MD
 Sample : L1546-20
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Feb 18 01:16:22 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	11203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	20740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	18571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	8317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	8315	69.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.00%	
35) Dibromofluoromethane	7.75	113	6186	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.20	98	24216	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.50	95	8752	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	

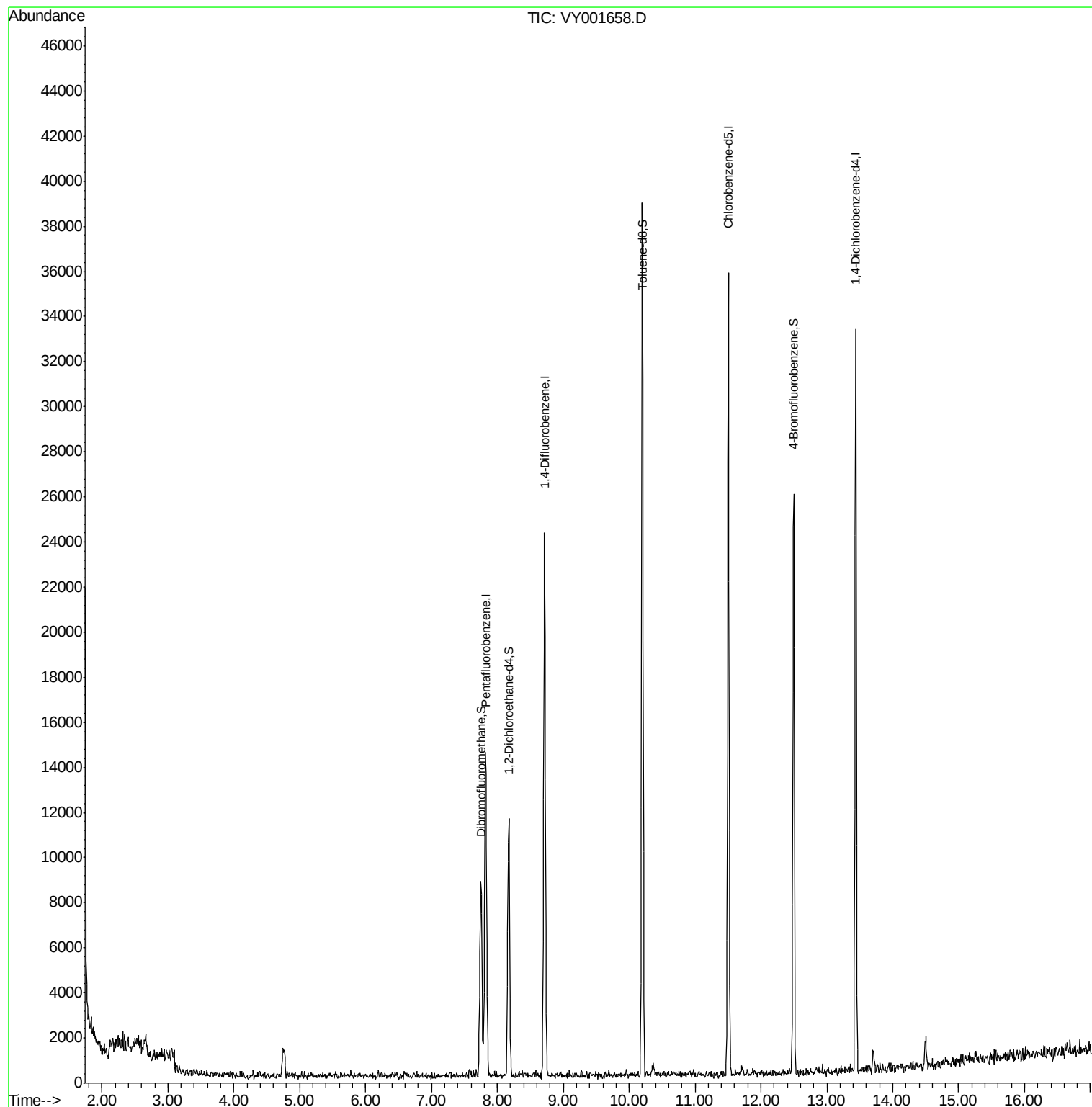
Target Compounds	Qvalue

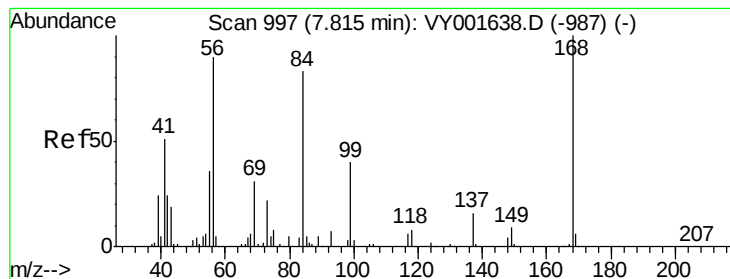
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

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MSVOA_Y

ClientSampleId :

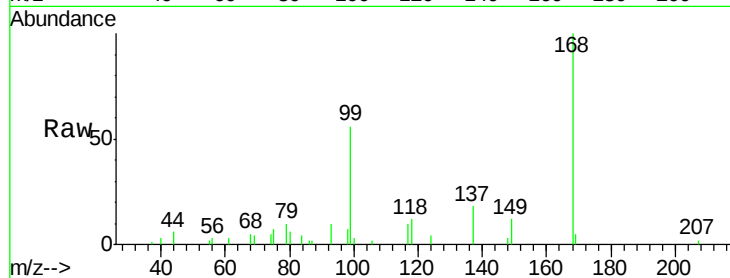
INDIAN-ISLAND-(10)

Tot Ion:168 Resp: 11203

Ion Ratio Lower Upper

168 100

99 56.2 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

5000

4000

3000

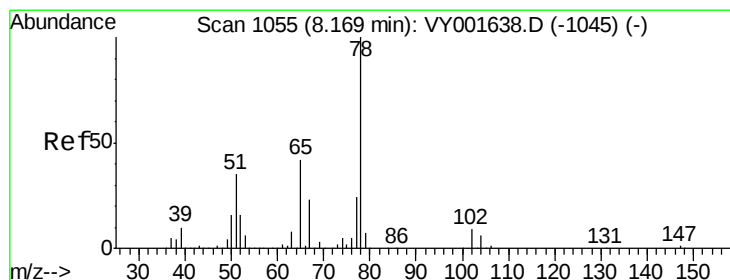
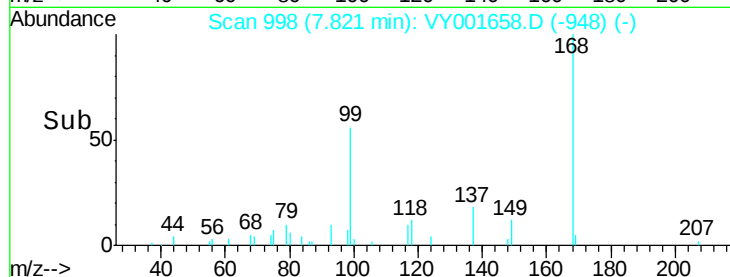
2000

1000

0

7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.002 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001658.D

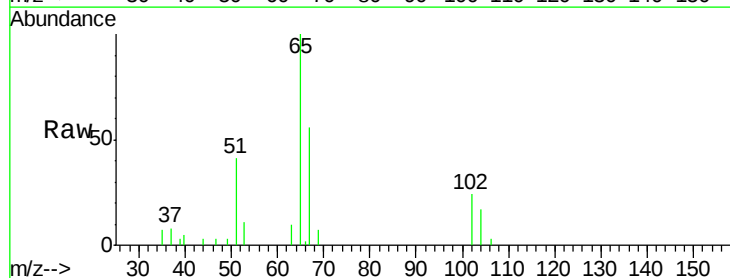
Acq: 17 Feb 2020 19:42

Tgt Ion: 65 Resp: 8315

Ion Ratio Lower Upper

65 100

67 55.4 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

4000

3000

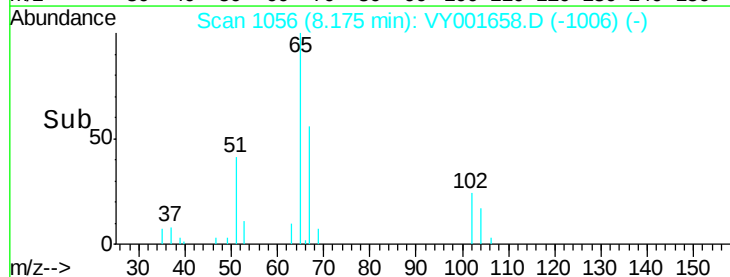
2000

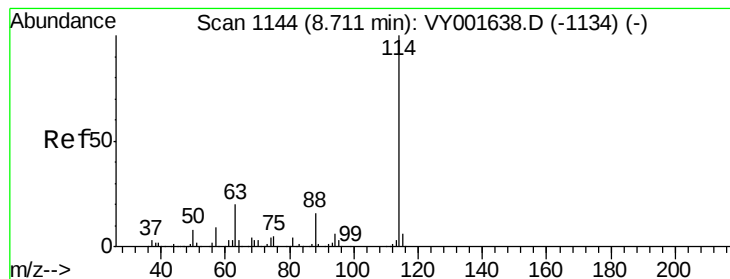
1000

0

8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(10)

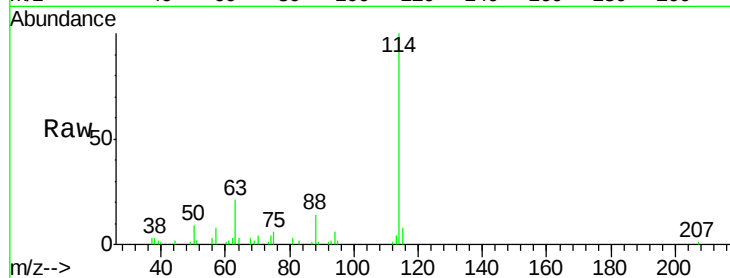
Tot Ion:114 Resp: 20740

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

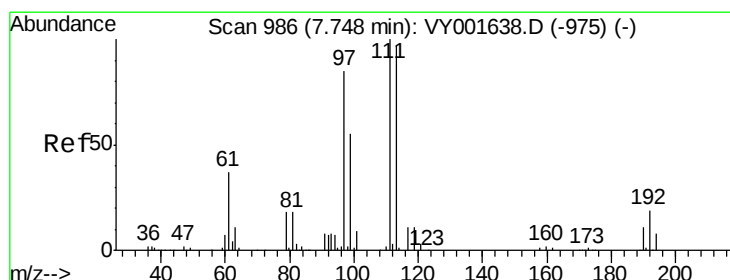
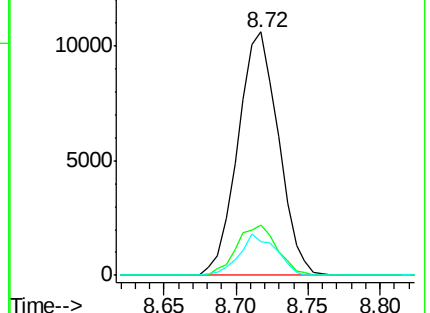
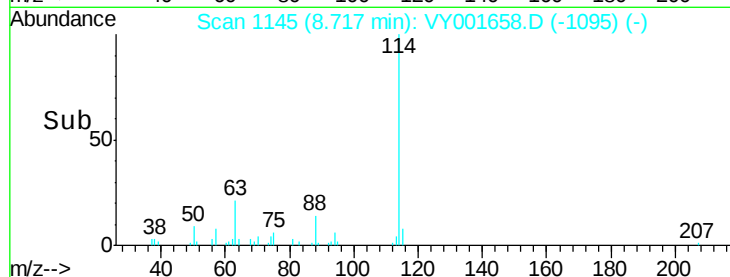
88 13.9 0.0 32.8



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: 52.075 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

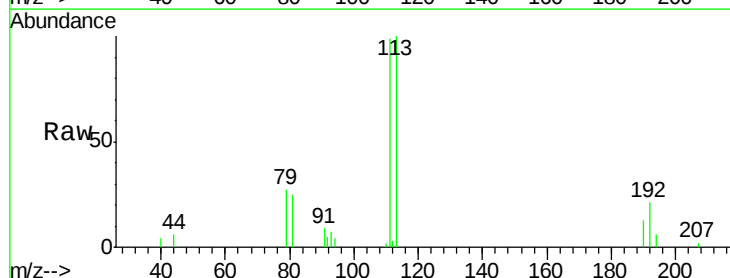
Tgt Ion:113 Resp: 6186

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

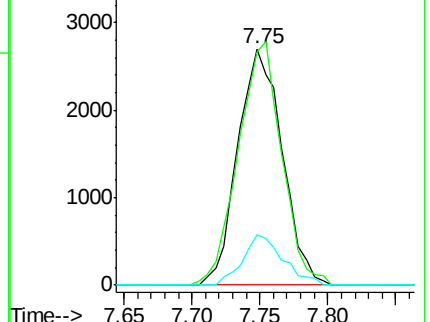
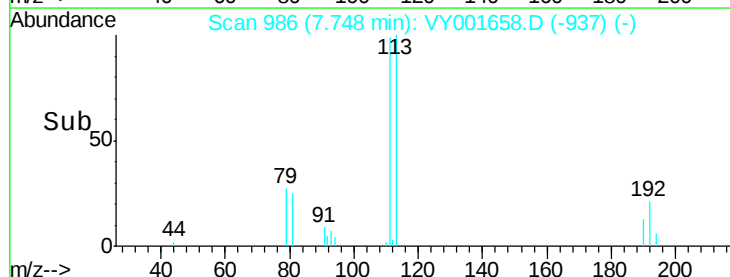
192 19.2 14.3 21.5

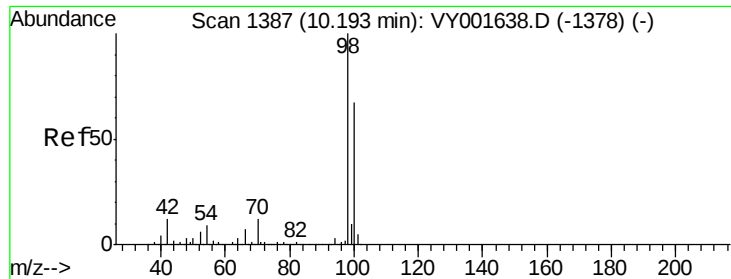


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.035 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

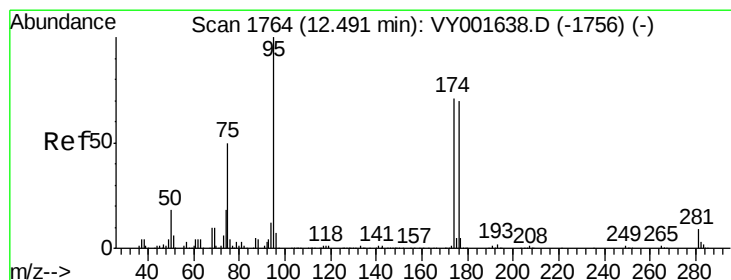
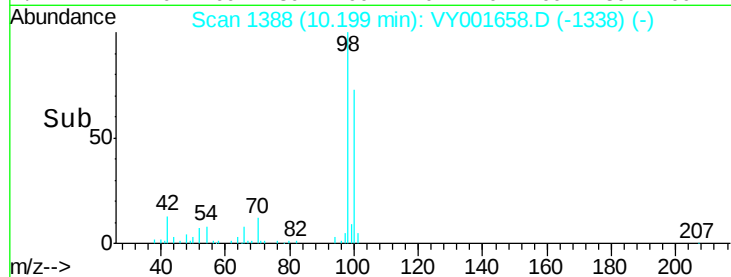
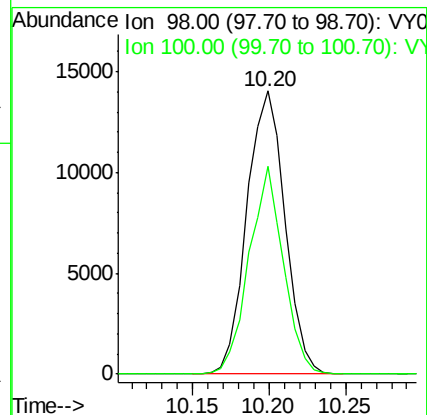
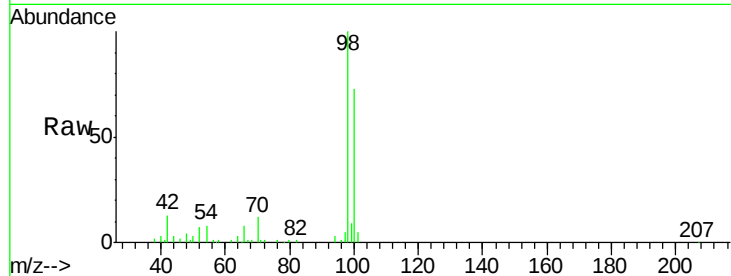
INDIAN-ISLAND-(10)

Tot Ion: 98 Resp: 24216

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.408 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001658.D

Acq: 17 Feb 2020 19:42

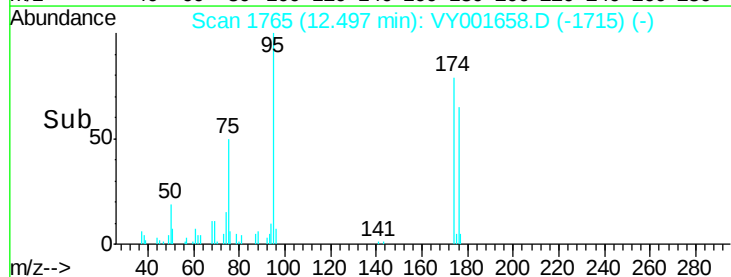
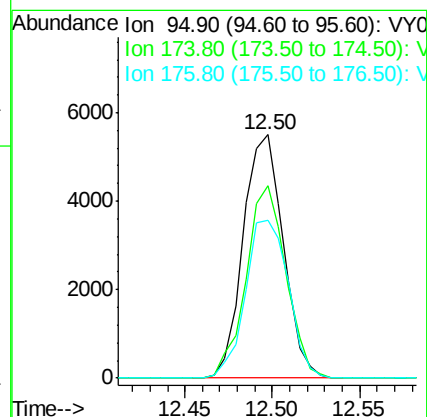
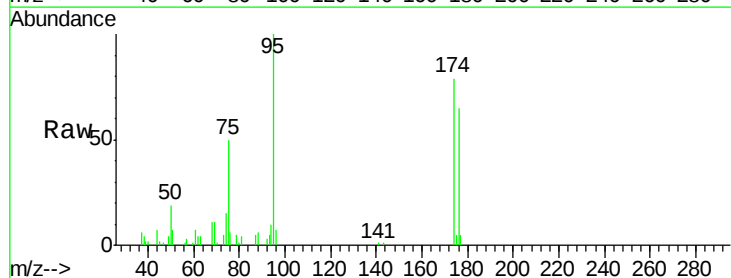
Tgt Ion: 95 Resp: 8752

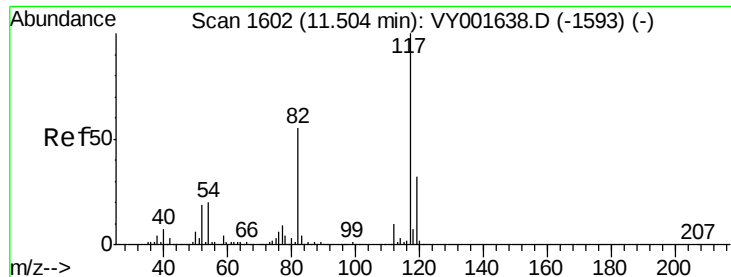
Ion Ratio Lower Upper

95 100

174 78.5 0.0 138.4

176 69.5 0.0 131.8

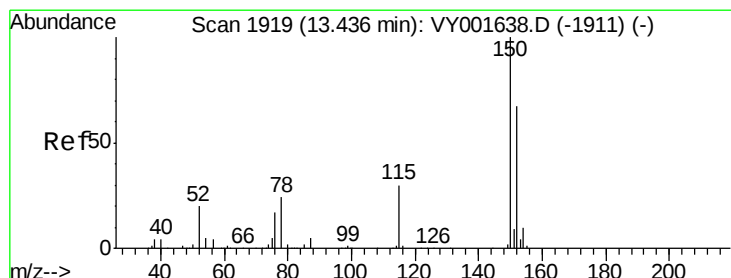
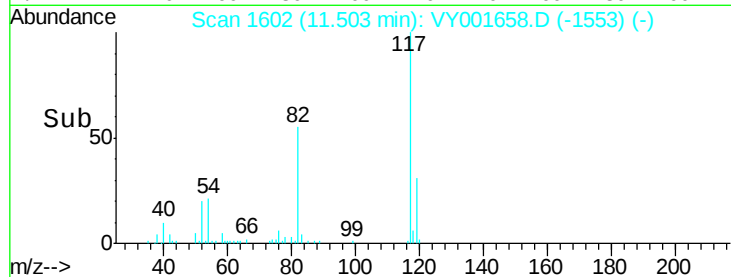
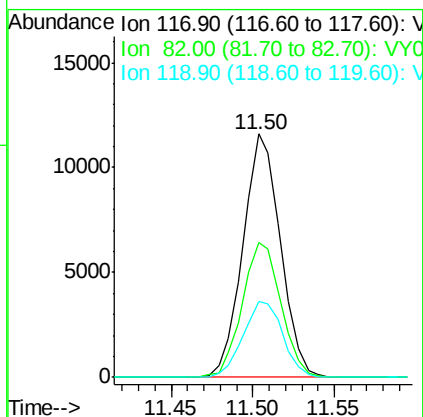
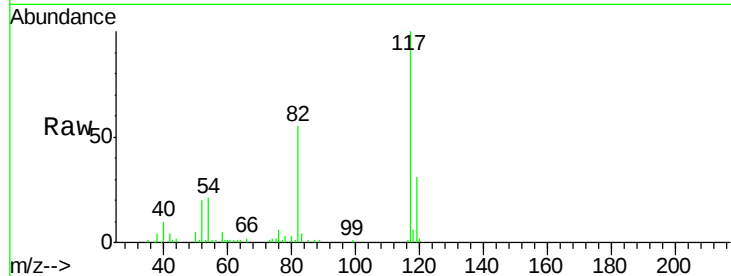




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001658.D
Acq: 17 Feb 2020 19:42

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

Tot Ion:117 Resp: 18571
Ion Ratio Lower Upper
117 100
82 55.2 45.5 68.3
119 31.0 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: VY001658.D
Acq: 17 Feb 2020 19:42

Tgt Ion:152 Resp: 8317
Ion Ratio Lower Upper
152 100
115 59.9 31.4 94.2
150 155.9 0.0 407.2

