

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001655.D
 Acq On : 17 Feb 2020 18:36
 Operator : SY/MD
 Sample : L1546-14
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(7)

Quant Time: Feb 18 01:00:17 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	156638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	284418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	97403	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	84133	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	7.75	113	81519	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
50) Toluene-d8	10.20	98	340250	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.49	95	106391	42.91	ug/l	0.00
Spiked Amount			Recovery	=	85.82%	

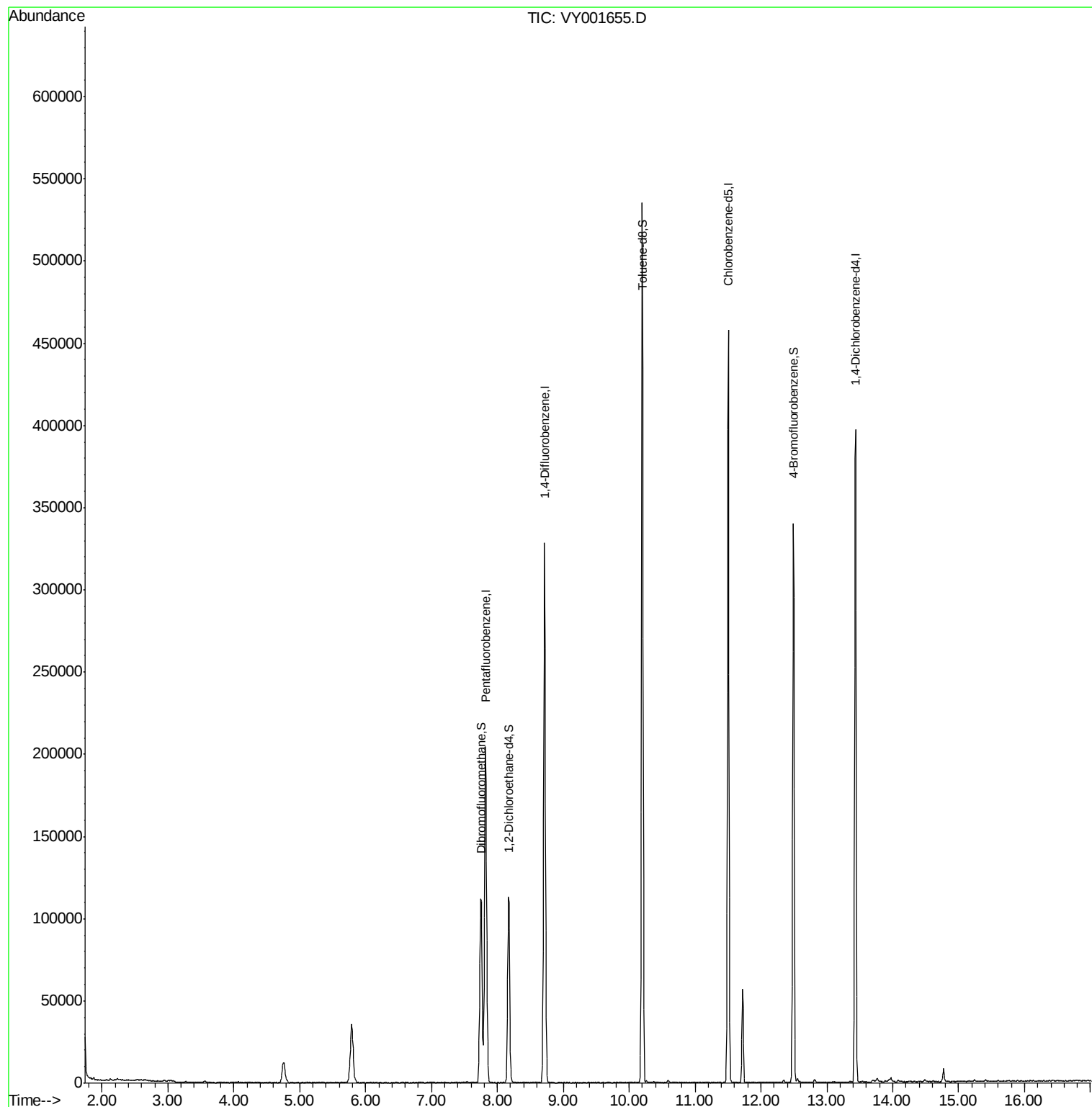
Target Compounds	Qvalue
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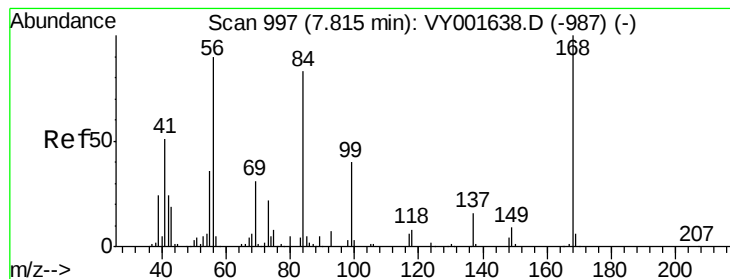
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

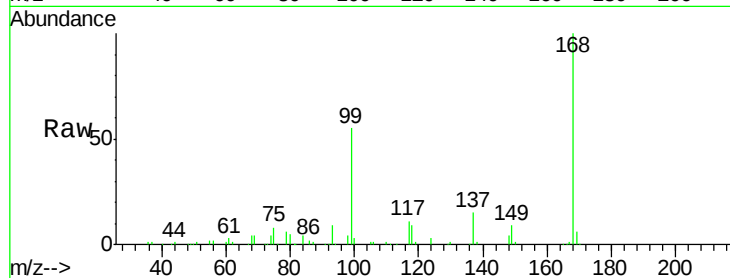
INDIAN-ISLAND-(7)

Tot Ion:168 Resp: 156638

Ion Ratio Lower Upper

168 100

99 55.5 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

60000

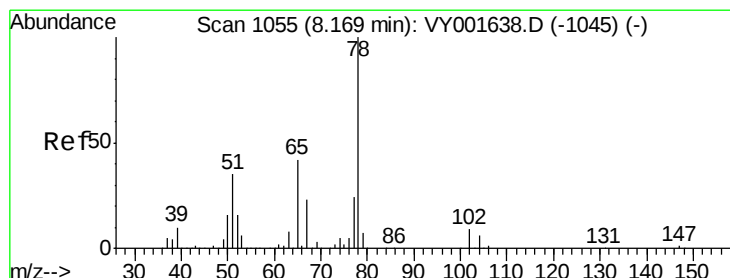
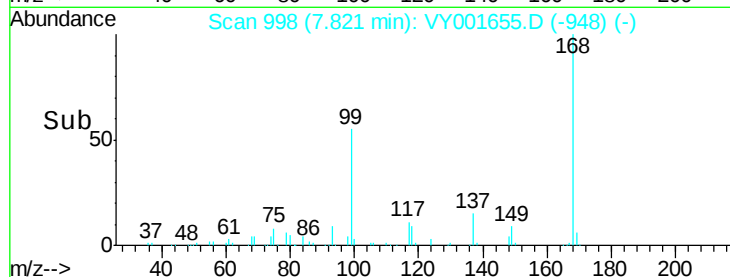
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.934 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001655.D

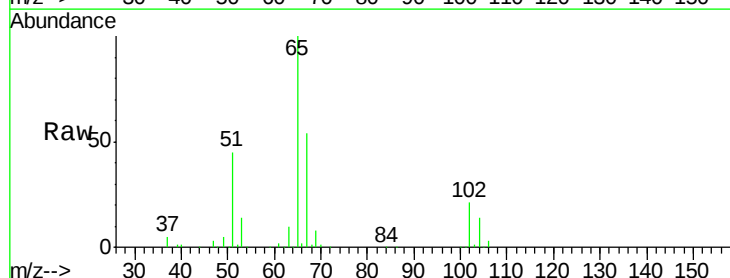
Acq: 17 Feb 2020 18:36

Tgt Ion: 65 Resp: 84133

Ion Ratio Lower Upper

65 100

67 54.8 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

40000

30000

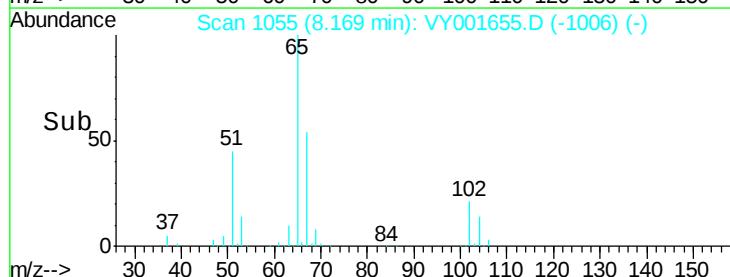
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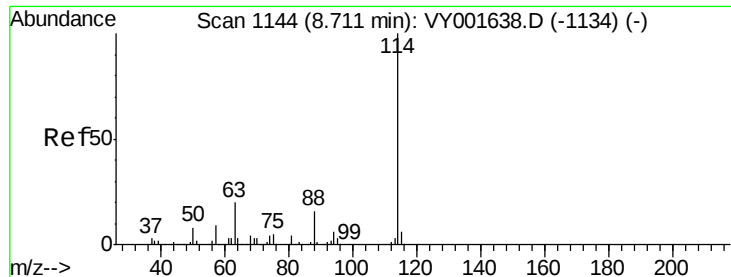
10000

0

8.10 8.20 8.30

Time-->

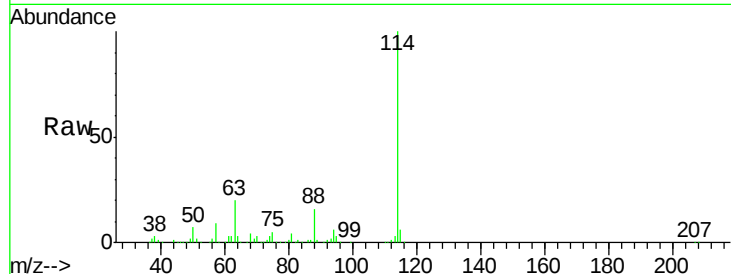




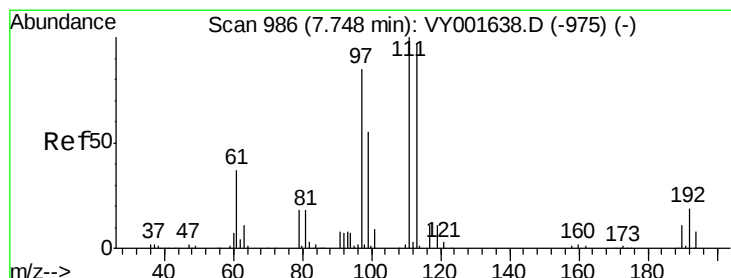
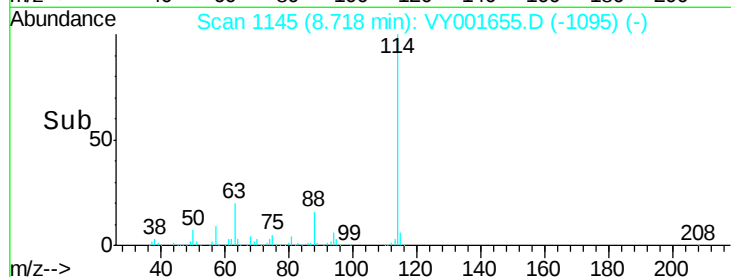
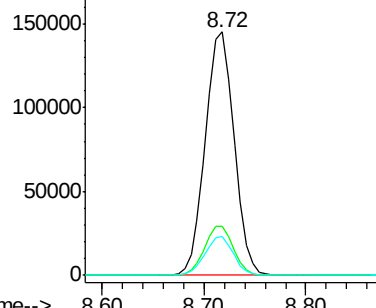
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001655.D
 Acq: 17 Feb 2020 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.4
88	16.0	0.0	32.8

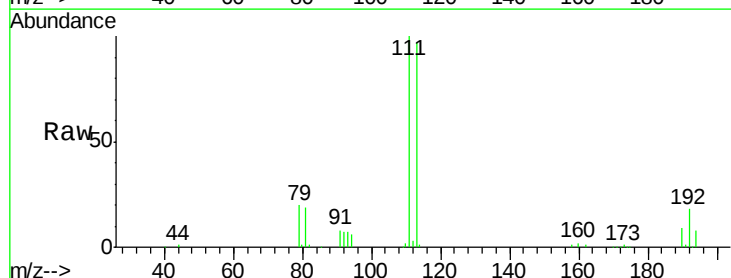


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

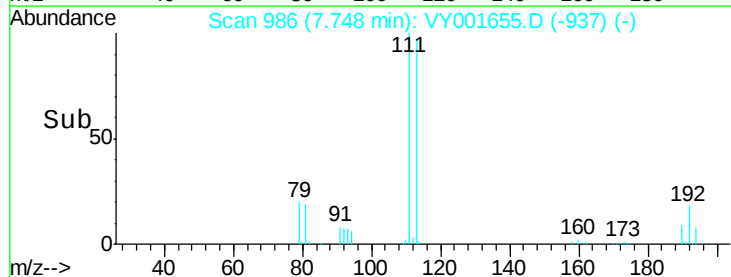
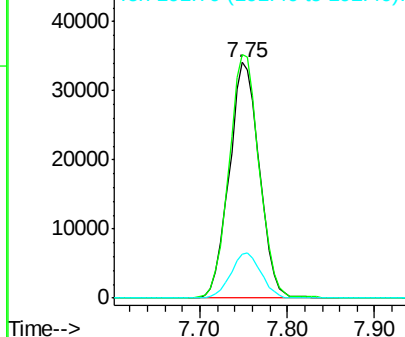


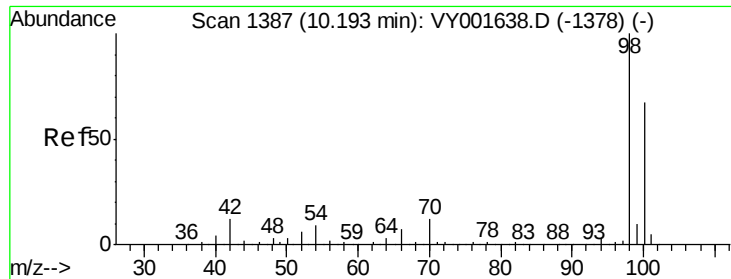
#35
 Dibromofluoromethane
 Concen: 50.042 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001655.D
 Acq: 17 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	19.1	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: 53.314 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

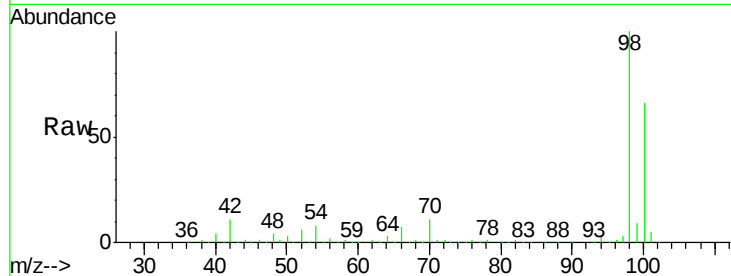
INDIAN-ISLAND-(7)

Tot Ion: 98 Resp: 340250

Ion Ratio Lower Upper

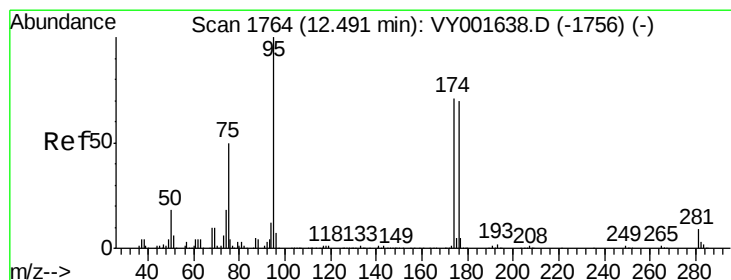
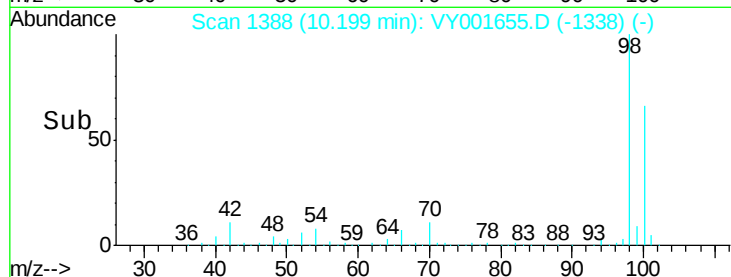
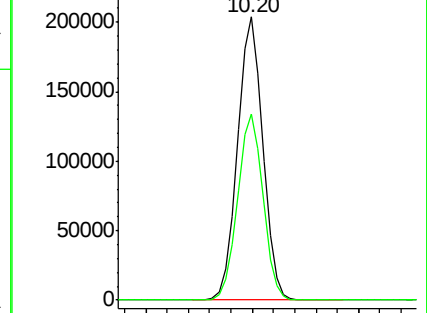
98 100

100 65.8 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: 42.911 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

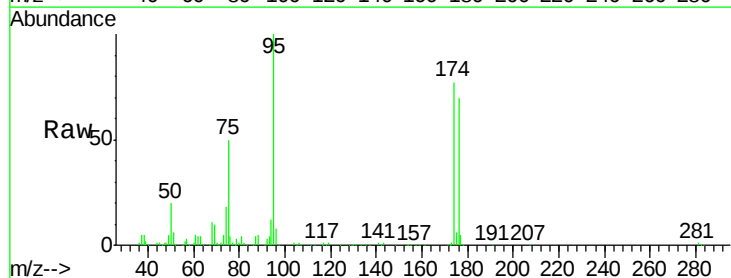
Tgt Ion: 95 Resp: 106391

Ion Ratio Lower Upper

95 100

174 76.4 0.0 138.4

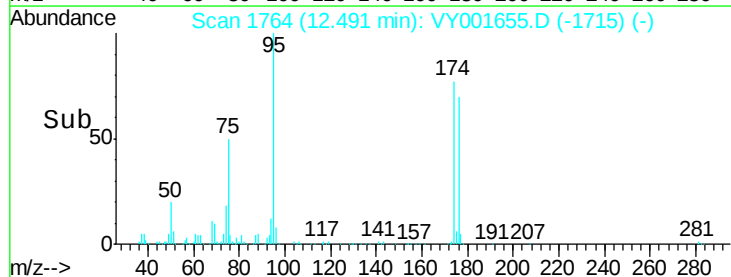
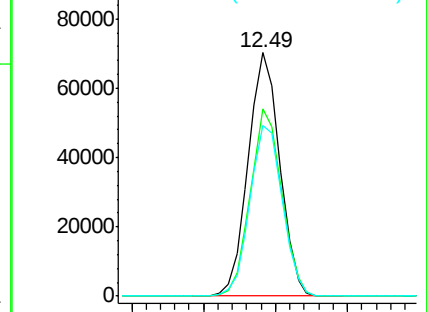
176 72.0 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

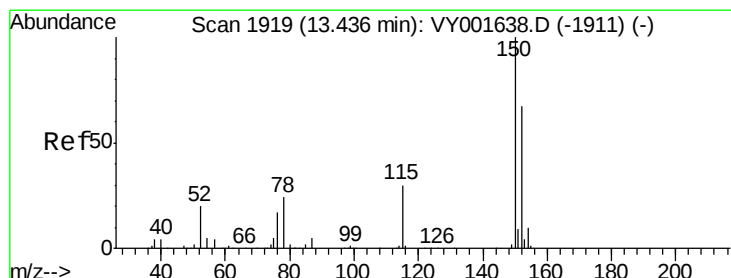
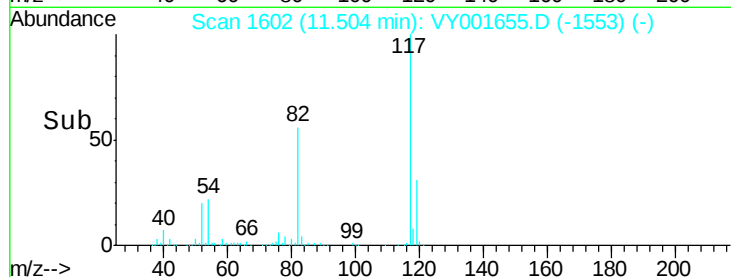
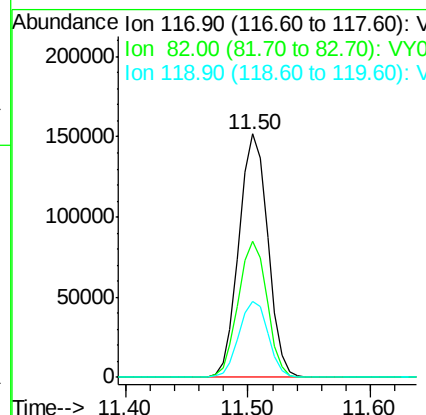
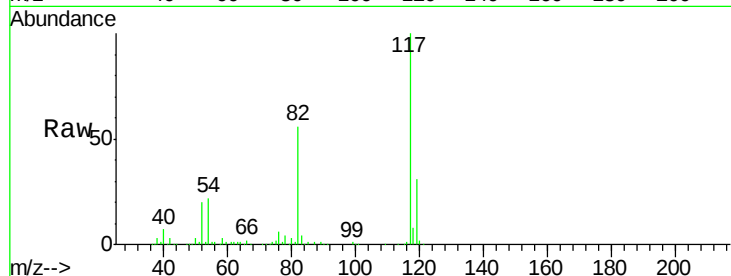




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001655.D
Acq: 17 Feb 2020 18:36

Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(7)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.5	68.3
119	31.4	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: VY001655.D
Acq: 17 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.4	94.2
150	158.2	0.0	407.2

