

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001660.D
 Acq On : 17 Feb 2020 20:27
 Operator : SY/MD
 Sample : L1546-24
 Misc : 6.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INDIAN-ISLAND-(12)

Quant Time: Feb 18 01:19:42 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	149490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	273325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	238158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94761	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	80990	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	7.75	113	79009	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.20	98	326043	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.50	95	100747	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	

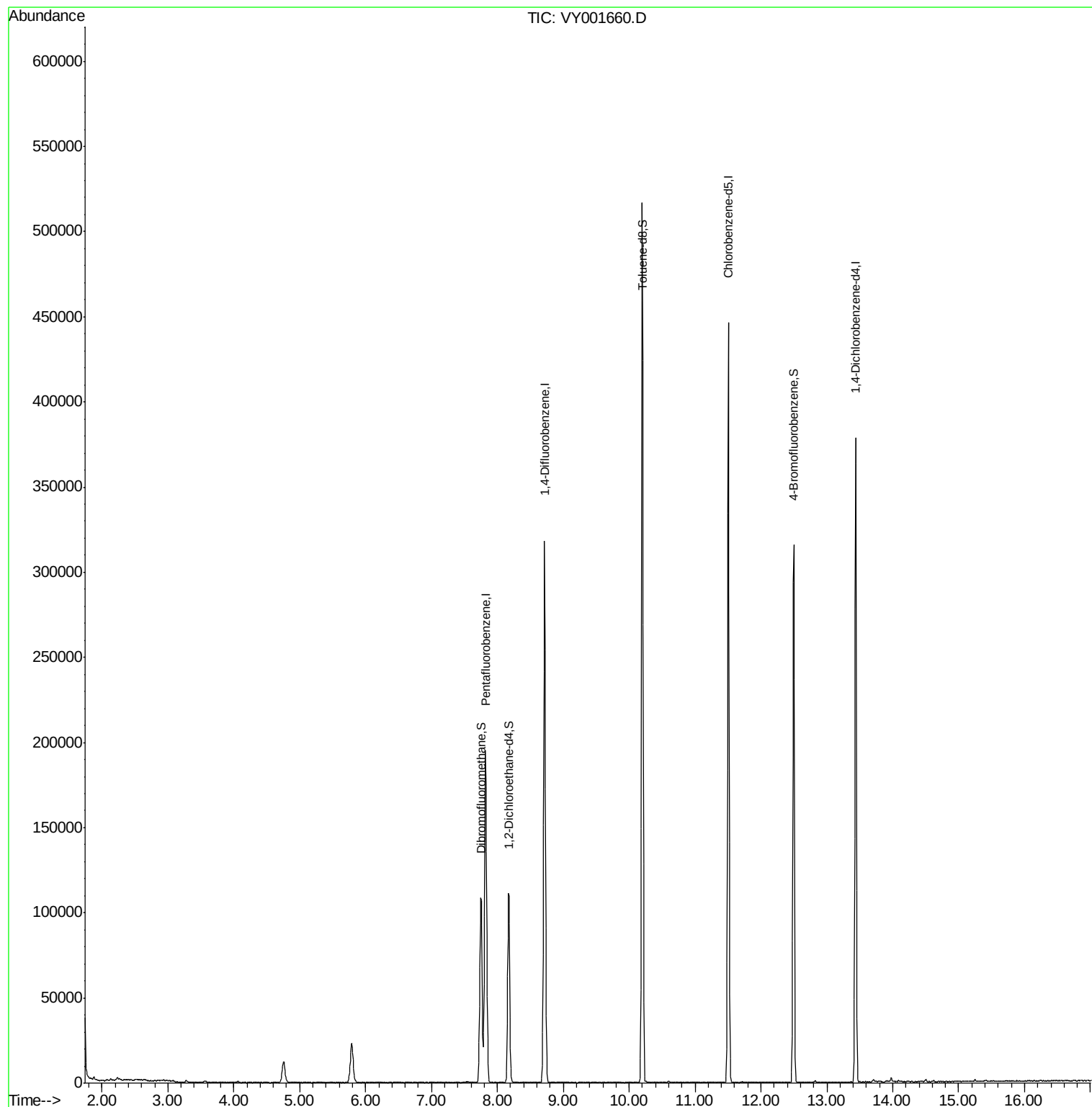
Target Compounds	Qvalue
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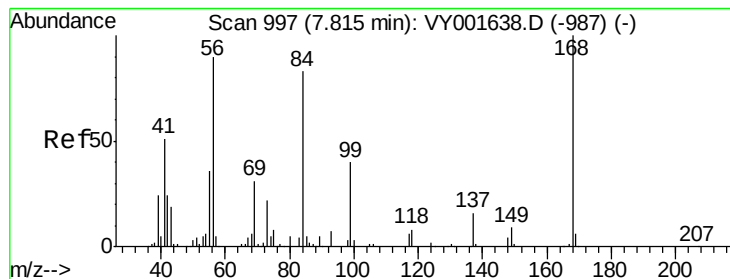
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001660.D

Acq: 17 Feb 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

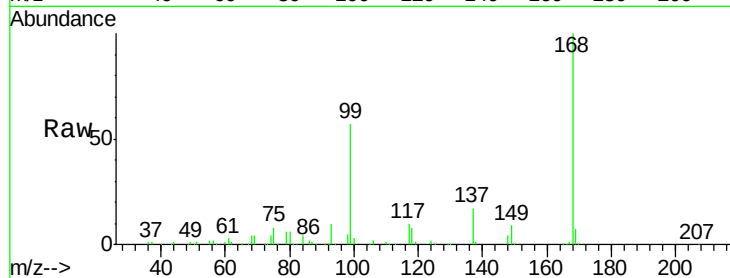
INDIAN-ISLAND-(12)

Tot Ion:168 Resp: 149490

Ion Ratio Lower Upper

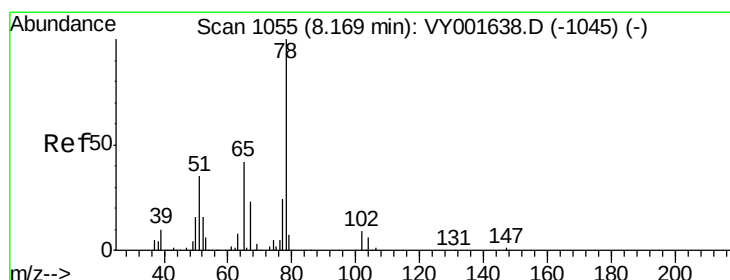
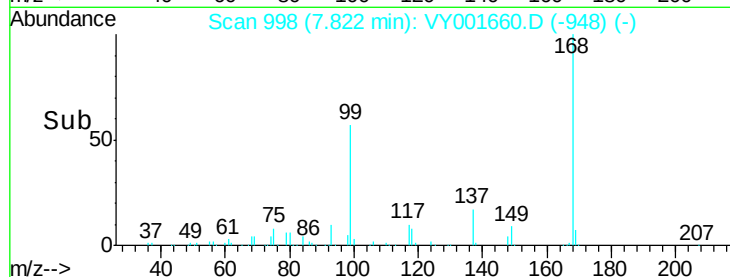
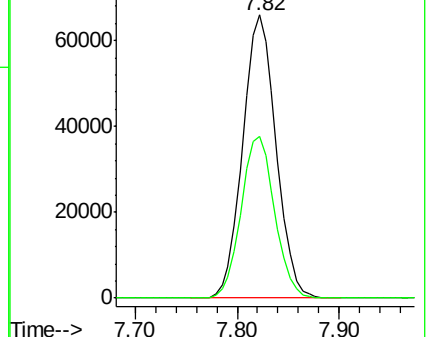
168 100

99 56.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001660.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001660.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.368 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001660.D

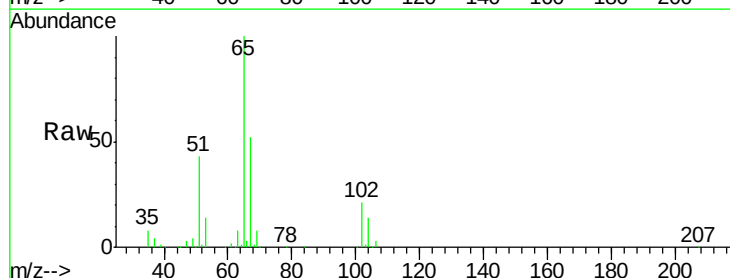
Acq: 17 Feb 2020 20:27

Tgt Ion: 65 Resp: 80990

Ion Ratio Lower Upper

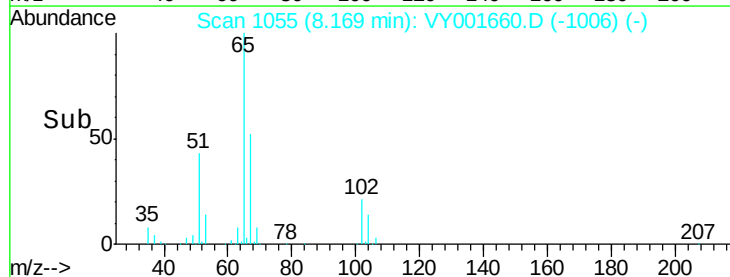
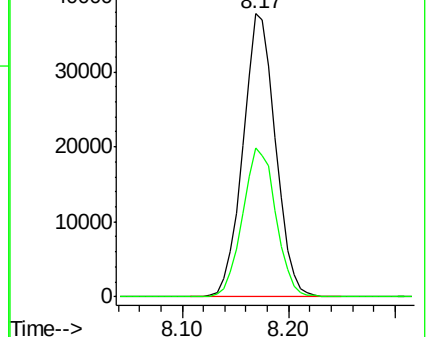
65 100

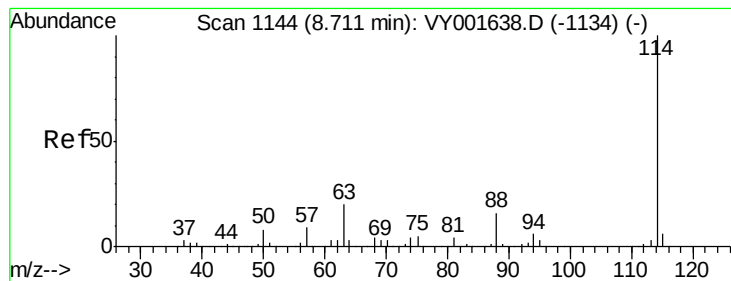
67 53.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001660.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001660.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001660.D

Acq: 17 Feb 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

INDIAN-ISLAND-(12)

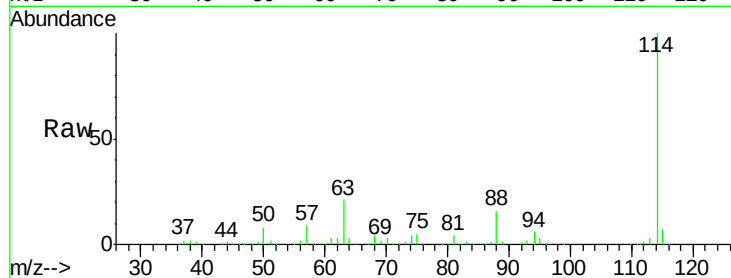
Tot Ion:114 Resp: 273325

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

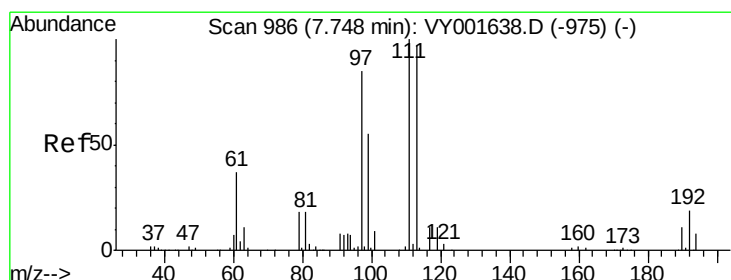
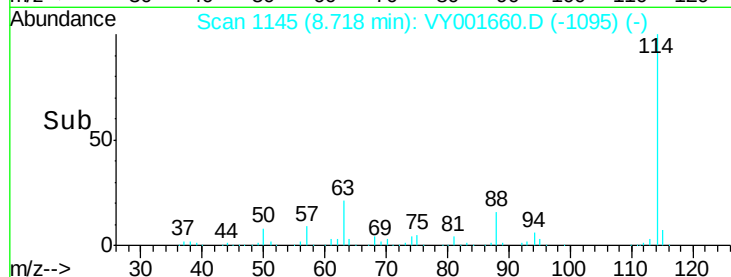
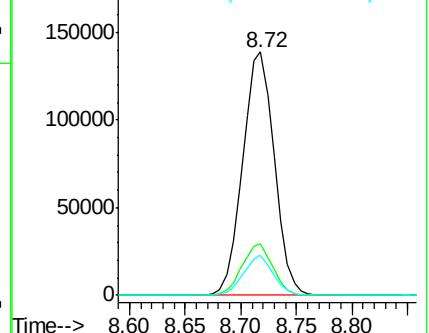
88 16.3 0.0 32.8



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: 50.469 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001660.D

Acq: 17 Feb 2020 20:27

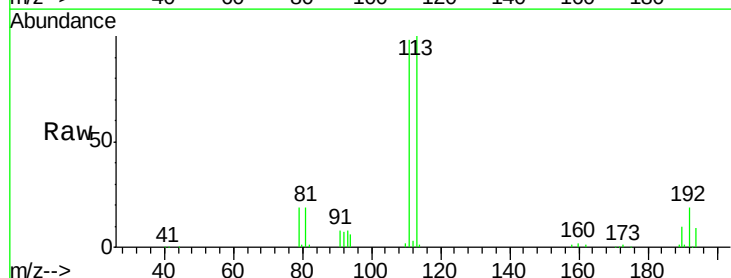
Tgt Ion:113 Resp: 79009

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

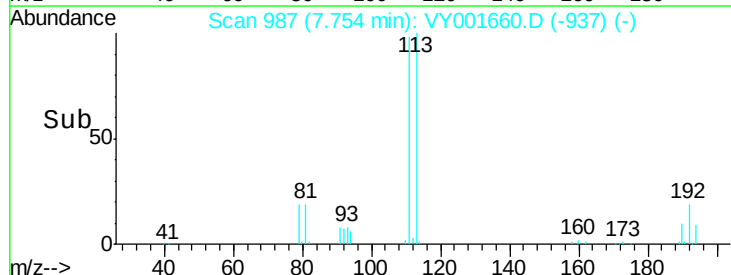
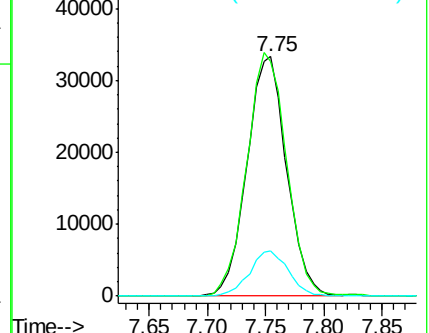
192 18.5 14.3 21.5

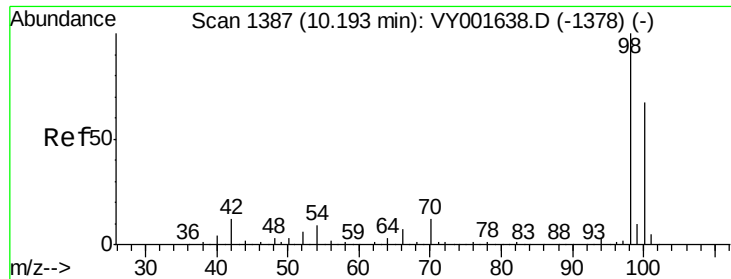


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.161 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001660.D

Acq: 17 Feb 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

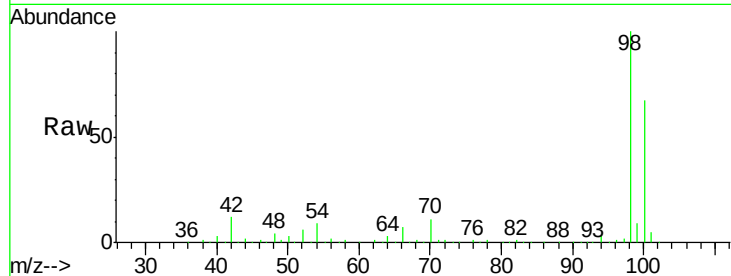
INDIAN-ISLAND-(12)

Tot Ion: 98 Resp: 326043

Ion Ratio Lower Upper

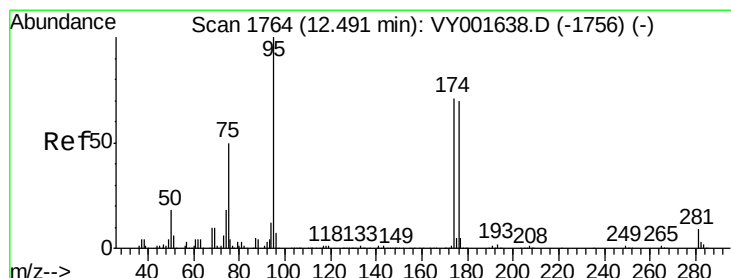
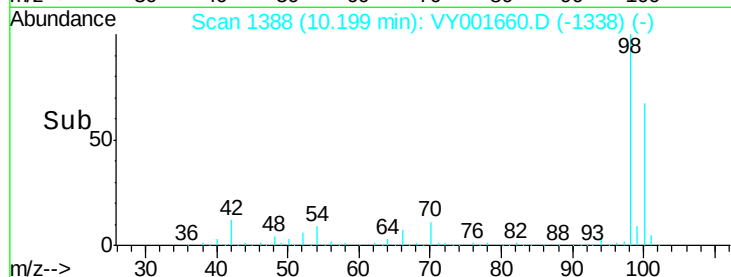
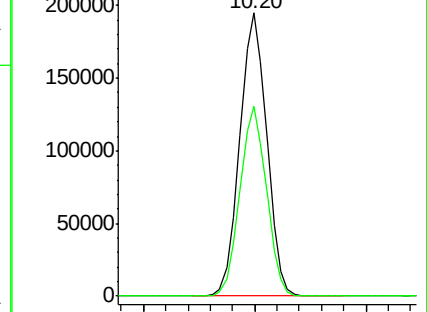
98 100

100 66.1 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: 42.284 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001660.D

Acq: 17 Feb 2020 20:27

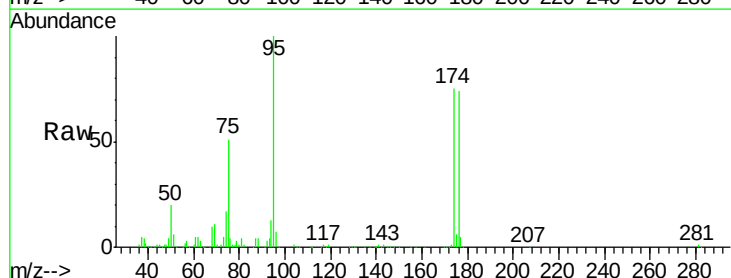
Tgt Ion: 95 Resp: 100747

Ion Ratio Lower Upper

95 100

174 76.0 0.0 138.4

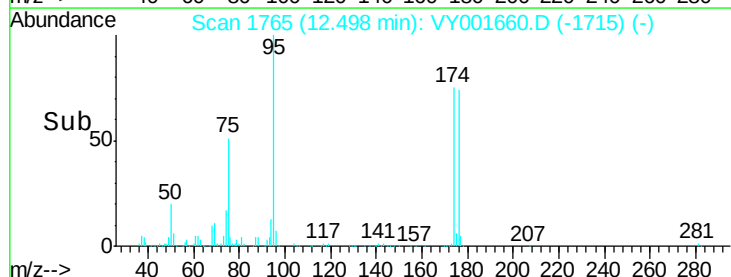
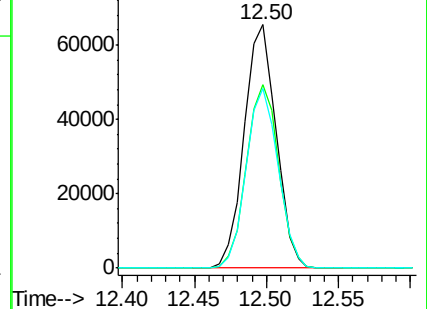
176 73.8 0.0 131.8

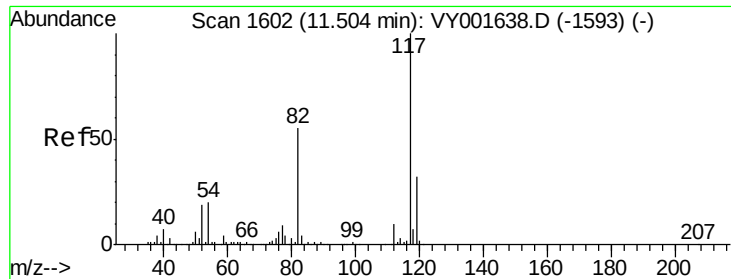


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

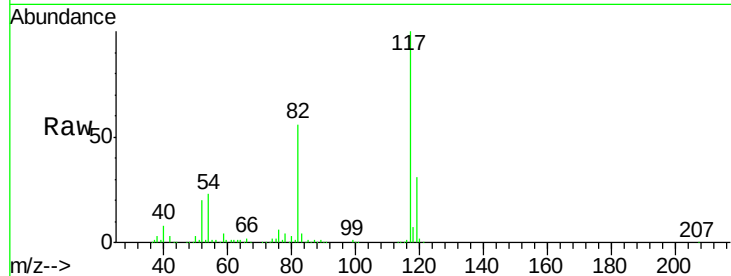




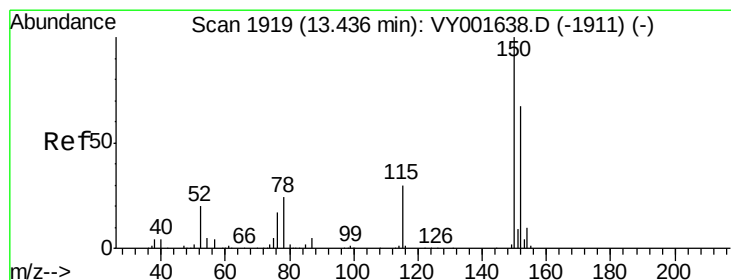
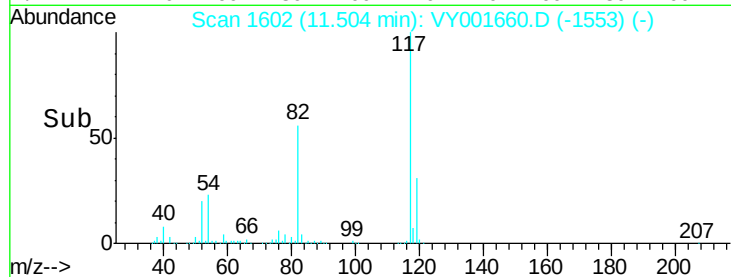
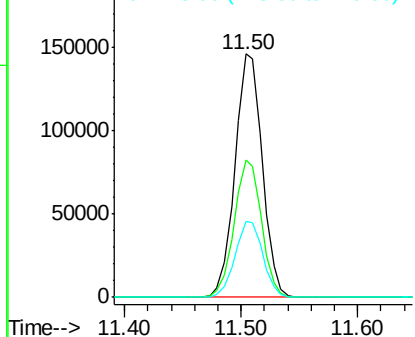
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001660.D
Acq: 17 Feb 2020 20:27

Instrument :
MSVOA_Y
ClientSampleId :
INDIAN-ISLAND-(12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.5	68.3
119	31.1	25.8	38.6

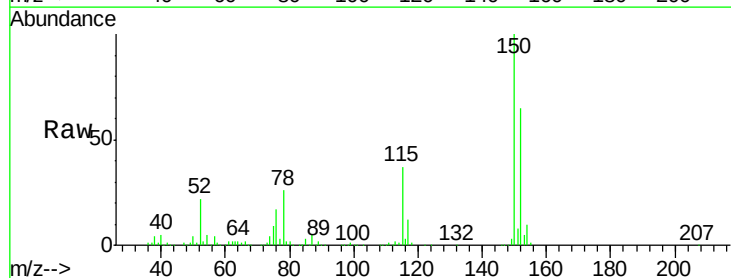


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001660.D
Acq: 17 Feb 2020 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.4	94.2
150	157.3	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

