

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002286.D
 Acq On : 13 Apr 2020 17:31
 Operator : SY/MD
 Sample : L2215-22
 Misc : 8.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-7FT

Quant Time: Apr 14 06:39:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	296240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86759	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
35) Dibromofluoromethane	7.74	113	88347	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.19	98	360883	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.49	95	123291	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

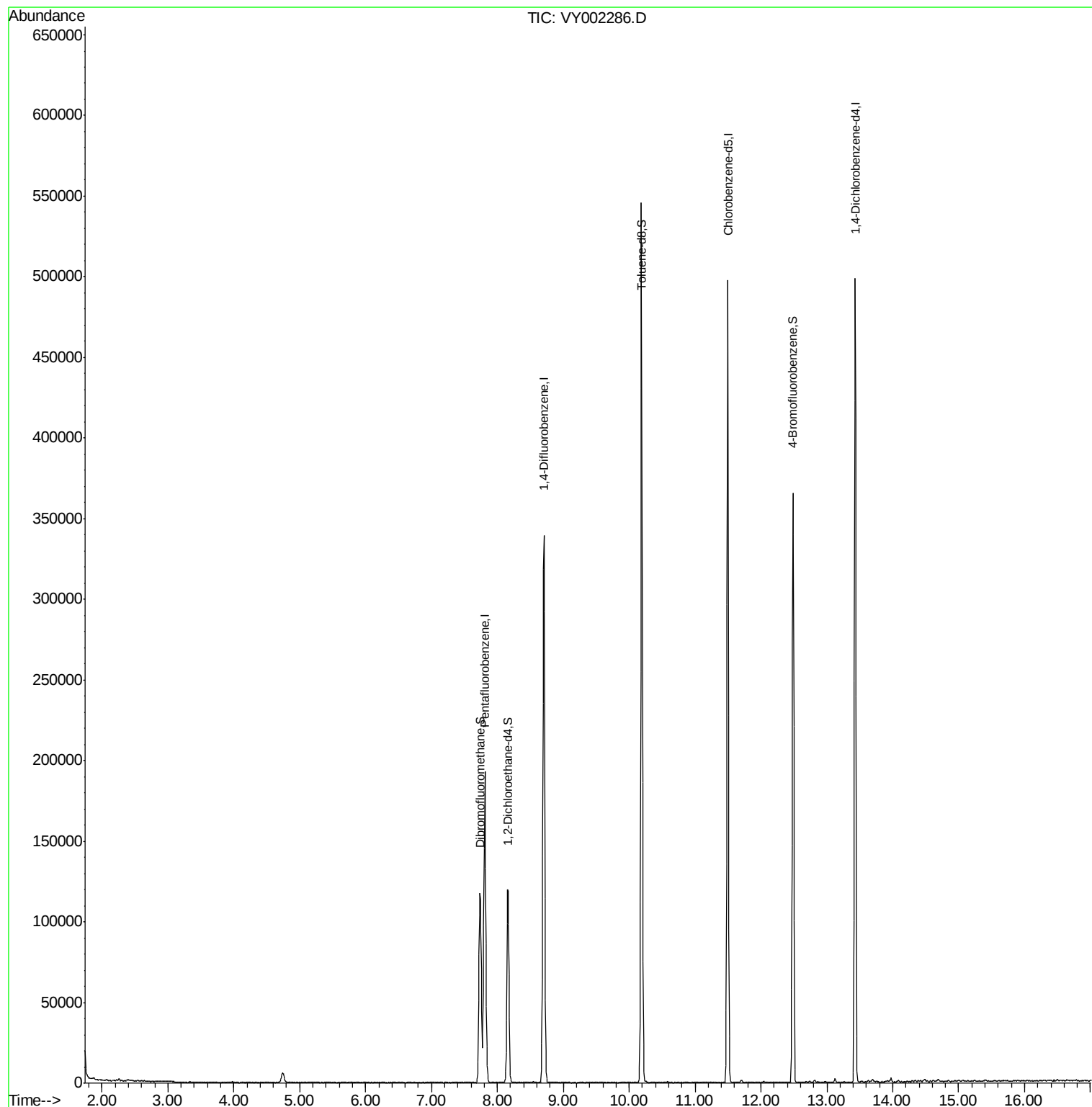
Target Compounds	Qvalue

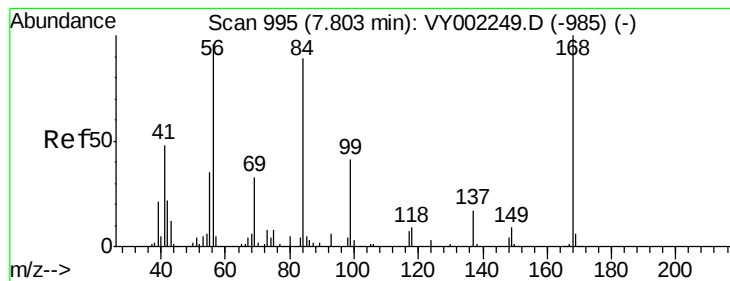
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

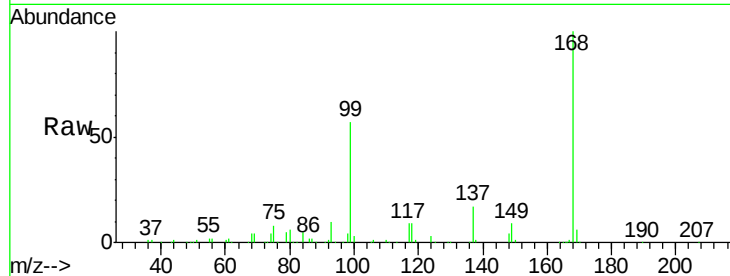
TP-7-7FT

Tot Ion:168 Resp: 146169

Ion Ratio Lower Upper

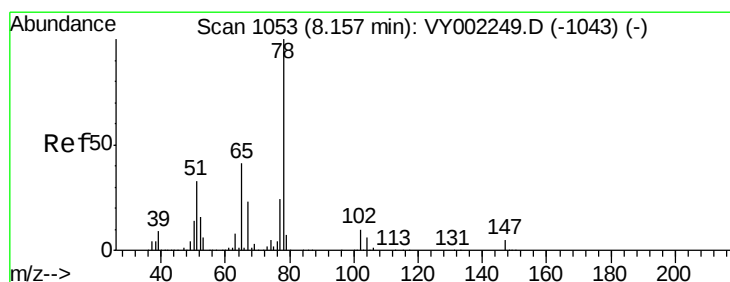
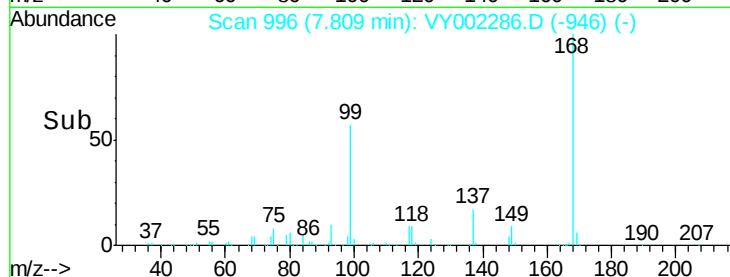
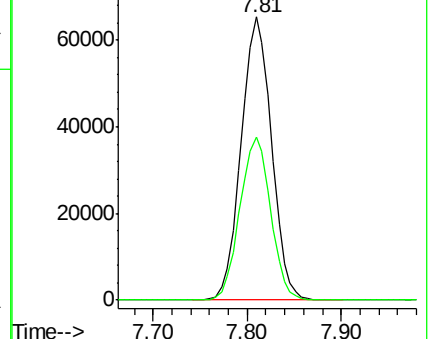
168 100

99 57.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.374 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002286.D

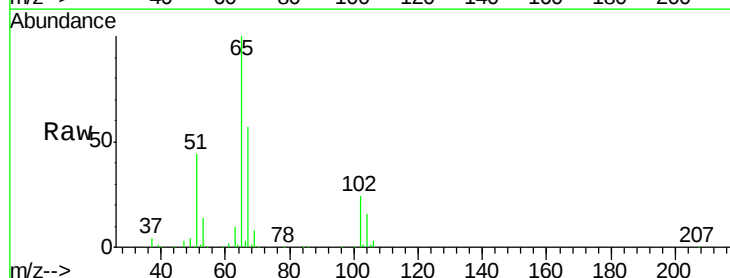
Acq: 13 Apr 2020 17:31

Tgt Ion: 65 Resp: 86759

Ion Ratio Lower Upper

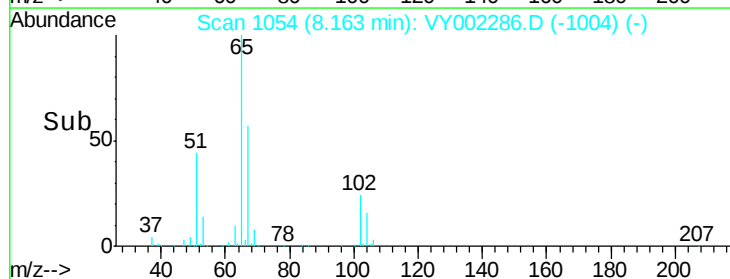
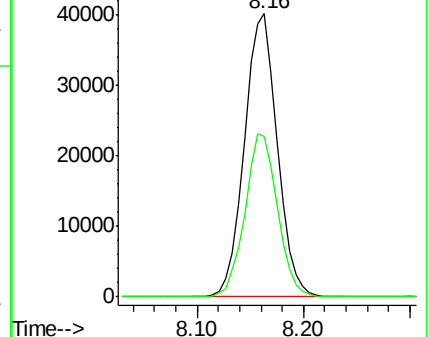
65 100

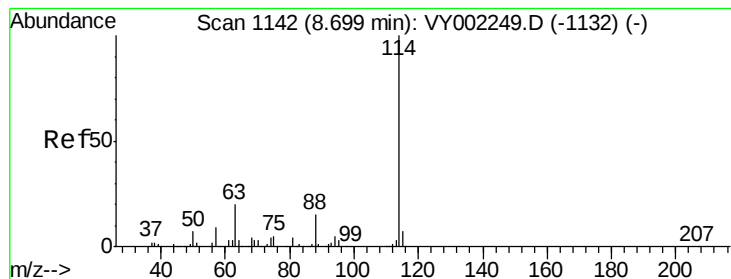
67 57.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-7-7FT

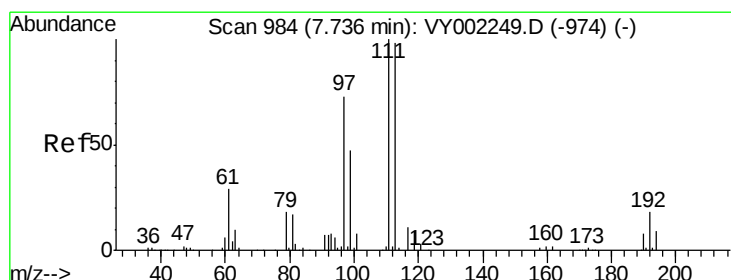
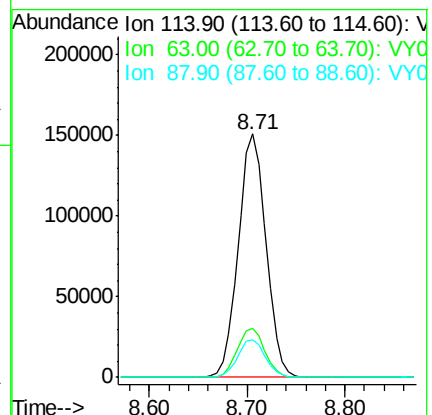
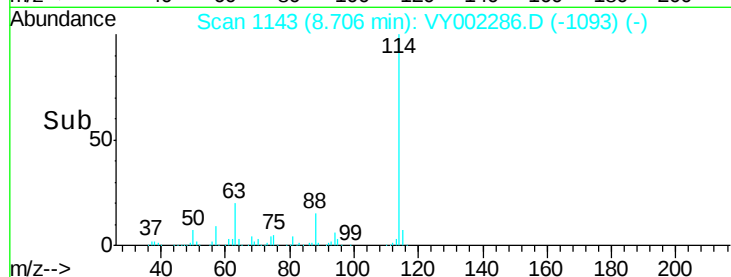
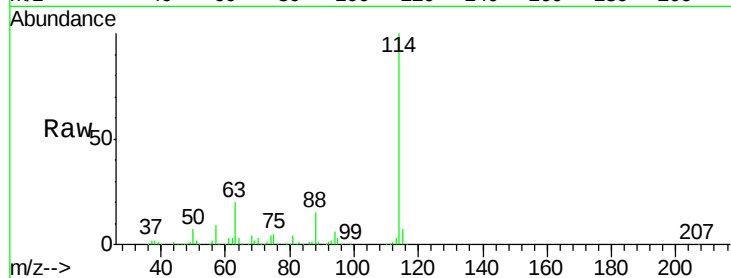
Tot Ion:114 Resp: 296240

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

88 15.2 0.0 31.0



#35

Dibromofluoromethane

Concen: 50.120 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

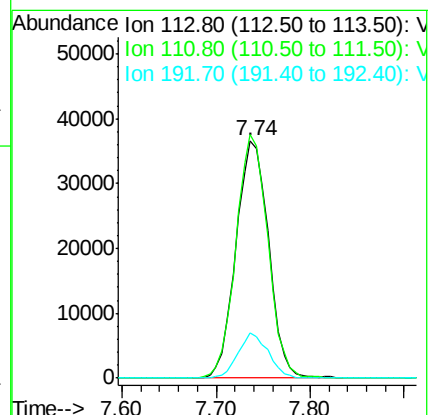
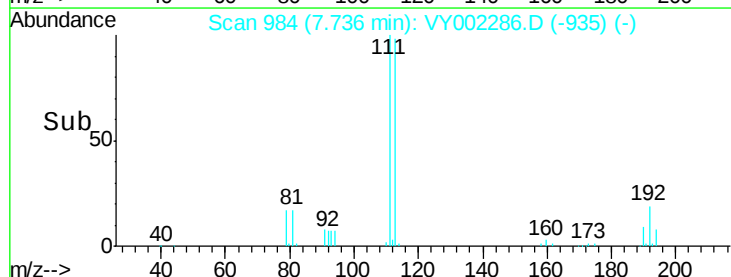
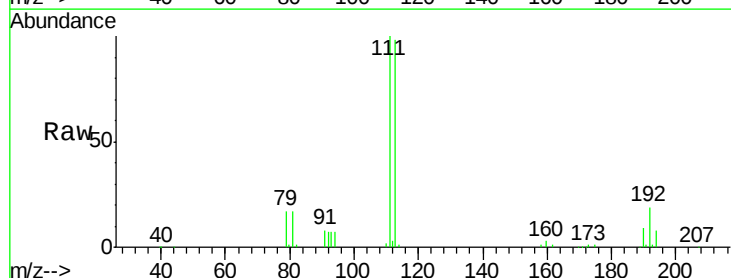
Tgt Ion:113 Resp: 88347

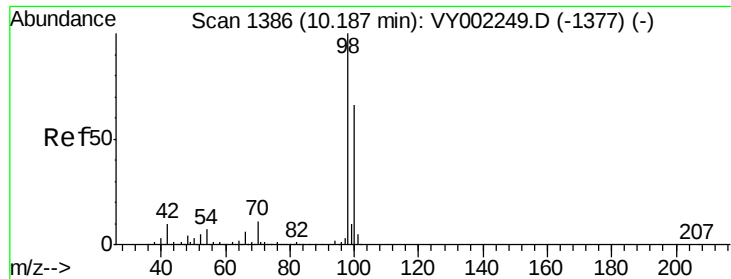
Ion Ratio Lower Upper

113 100

111 100.7 83.5 125.3

192 17.7 14.7 22.1





#50

Toluene-d8

Concen: 48.913 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

Instrument :

MSVOA_Y

ClientSampleId :

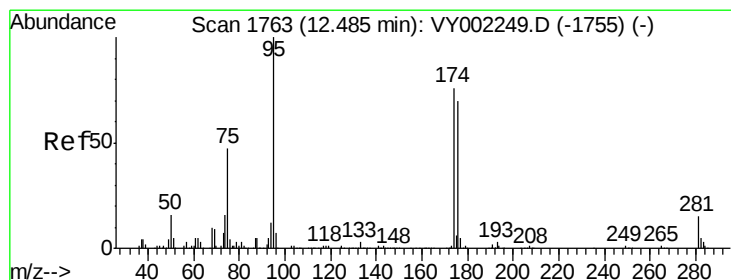
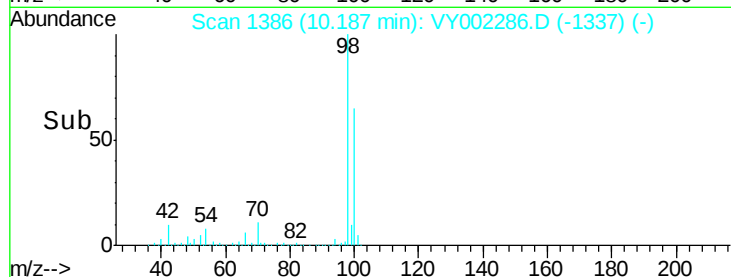
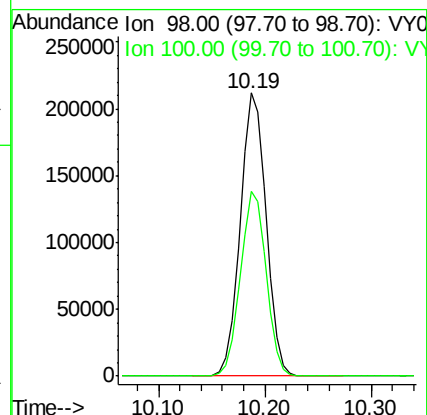
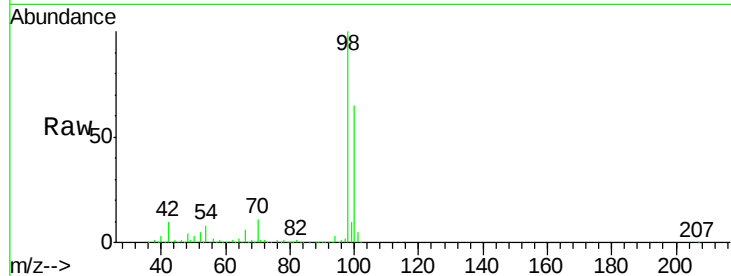
TP-7-7FT

Tot Ion: 98 Resp: 360883

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.651 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002286.D

Acq: 13 Apr 2020 17:31

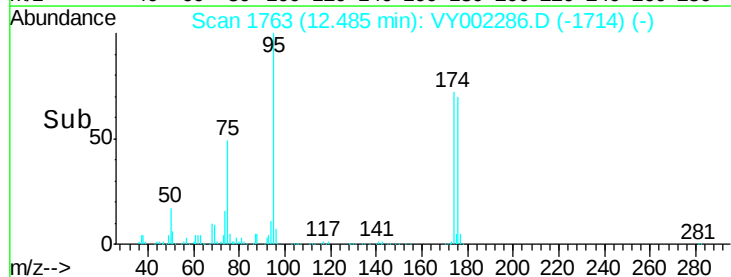
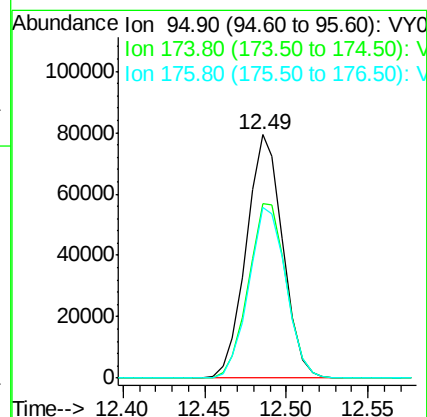
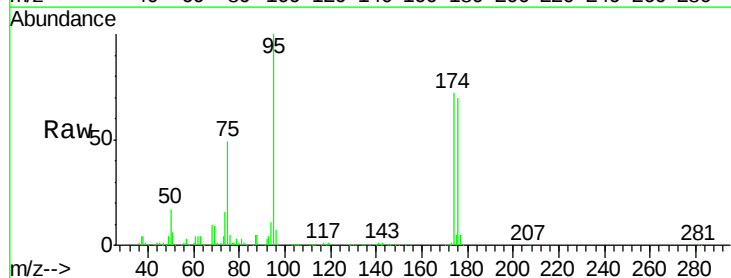
Tgt Ion: 95 Resp: 123291

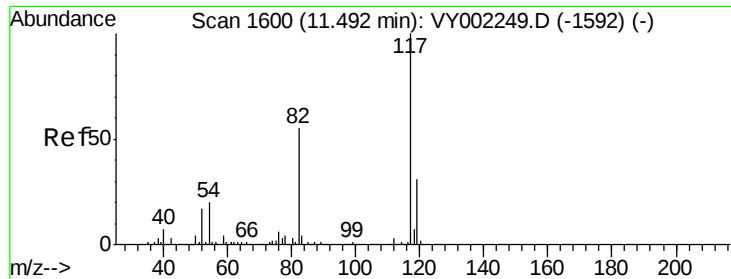
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.6

176 71.4 0.0 141.4

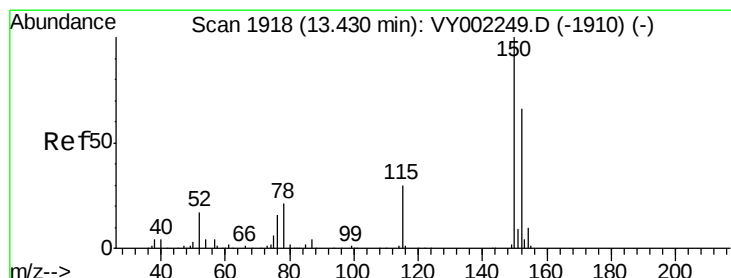
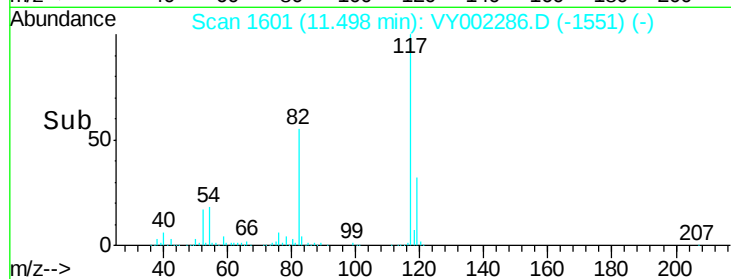
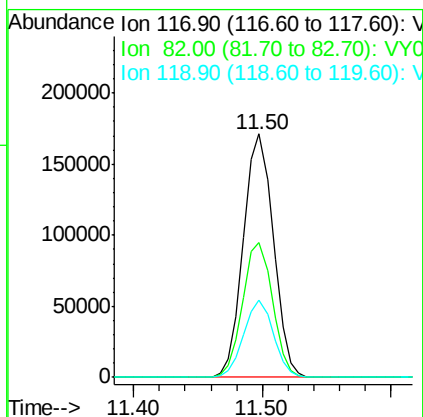
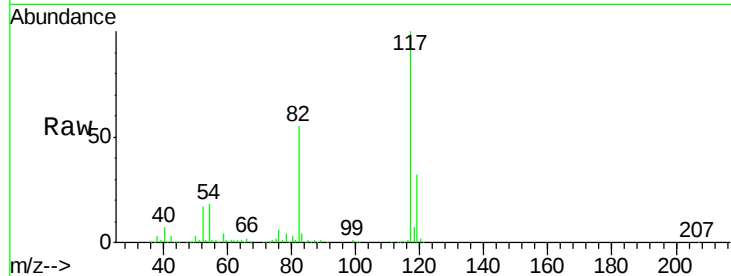




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-7FT

Tot Ion:117 Resp: 275852
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002286.D
Acq: 13 Apr 2020 17:31

Tgt Ion:152 Resp: 123107
Ion Ratio Lower Upper
152 100
115 61.1 30.7 92.1
150 157.9 0.0 350.6

