

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002288.D
 Acq On : 13 Apr 2020 18:16
 Operator : SY/MD
 Sample : L2215-28
 Misc : 8.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2-7FT

Quant Time: Apr 14 07:37:38 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	142114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	286804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	266592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	119101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85700	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.74	113	84907	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.19	98	350172	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.49	95	120110	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

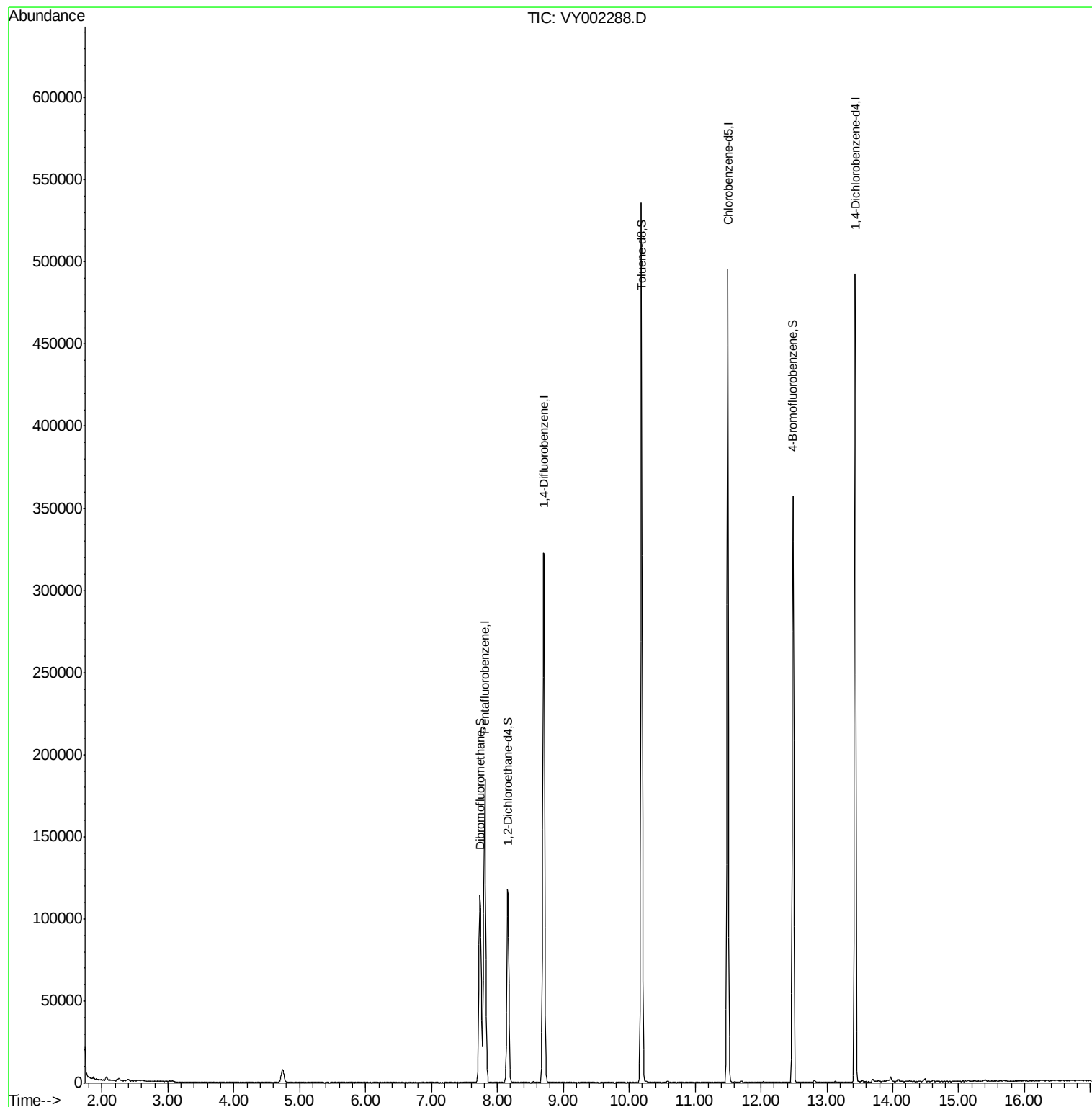
Target Compounds	Qvalue
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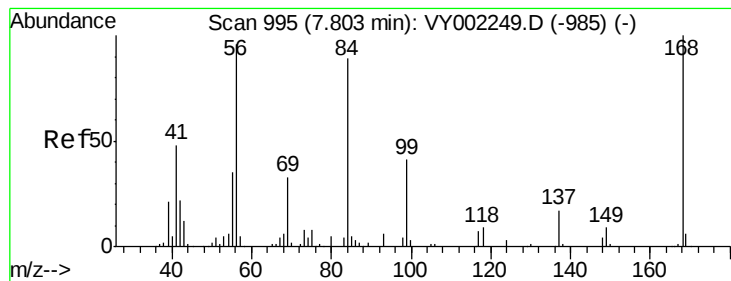
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

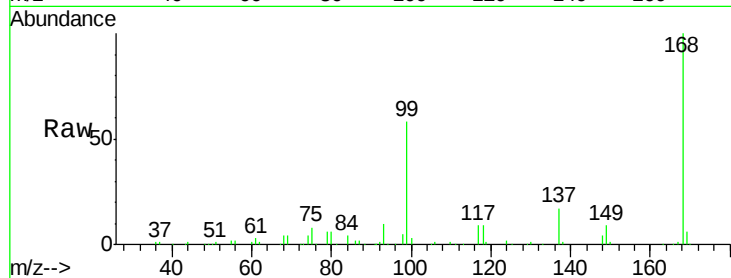
TP-2-7FT

Tot Ion:168 Resp: 142114

Ion Ratio Lower Upper

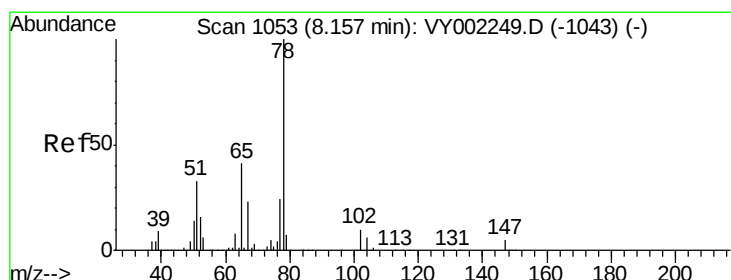
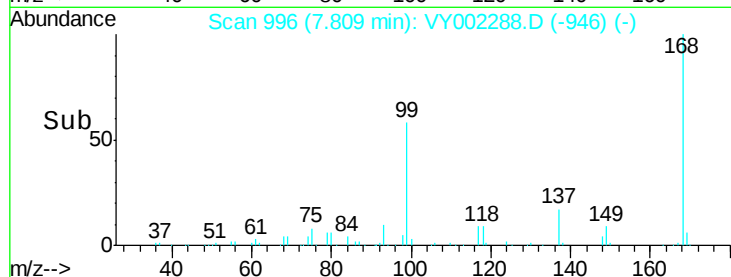
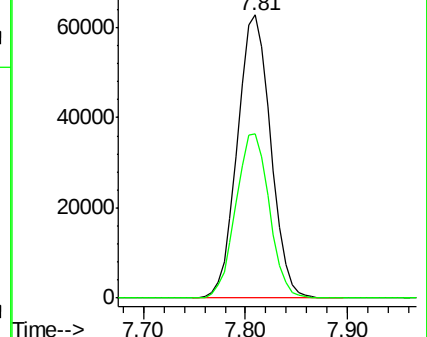
168 100

99 58.3 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: 54.226 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002288.D

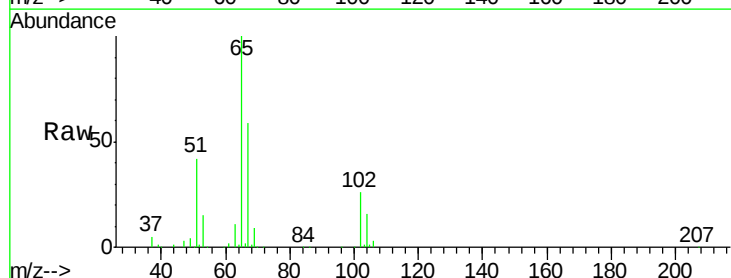
Acq: 13 Apr 2020 18:16

Tgt Ion: 65 Resp: 85700

Ion Ratio Lower Upper

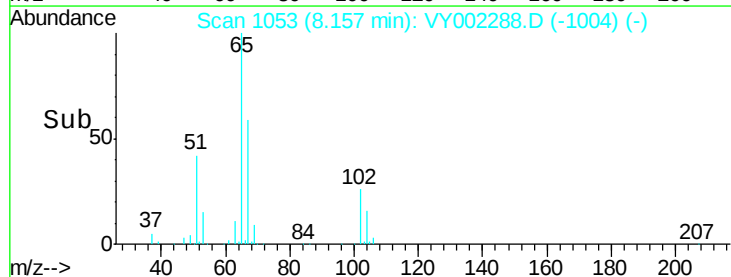
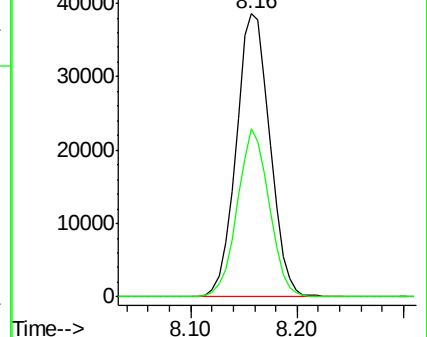
65 100

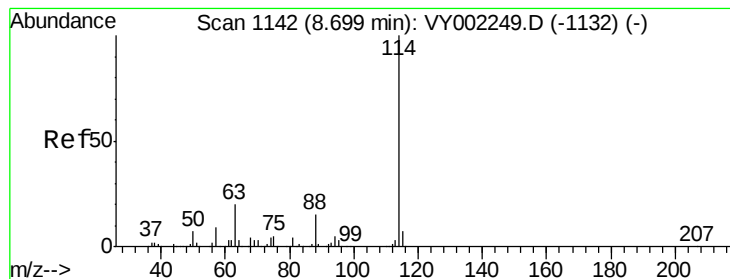
67 56.1 0.0 114.0



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: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2-7FT

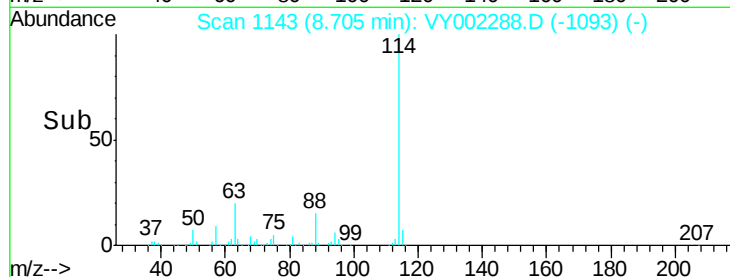
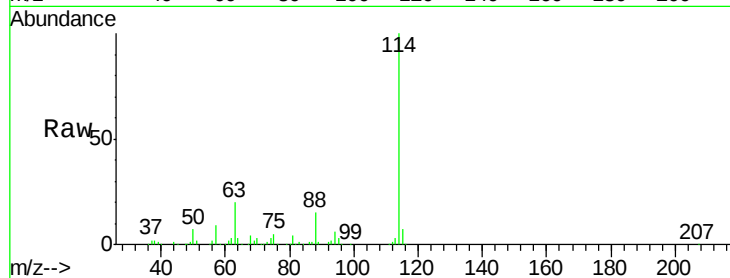
Tot Ion:114 Resp: 286804

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

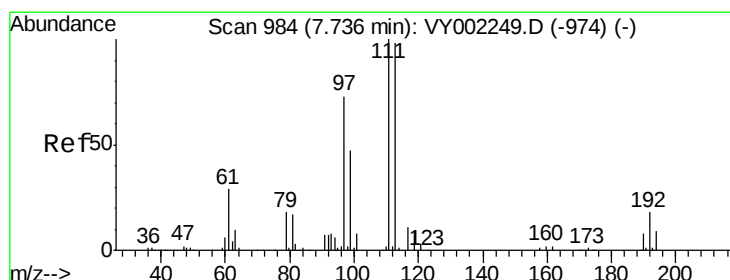
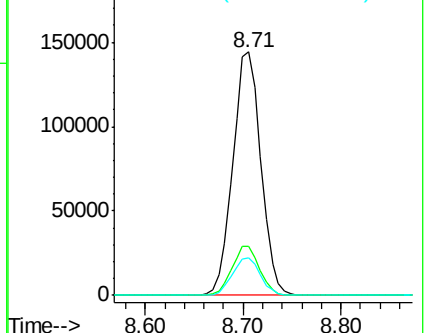
88 15.2 0.0 31.0



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: 49.753 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

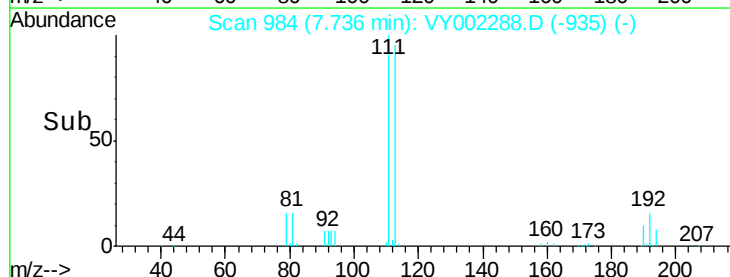
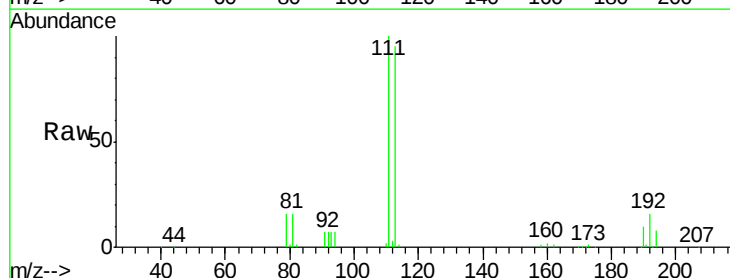
Tgt Ion:113 Resp: 84907

Ion Ratio Lower Upper

113 100

111 104.3 83.5 125.3

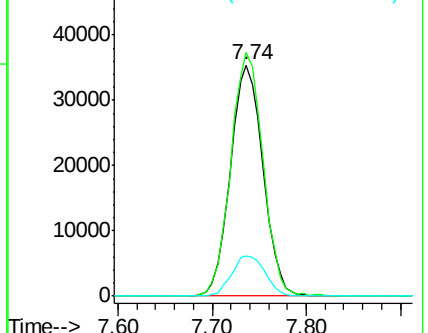
192 17.9 14.7 22.1

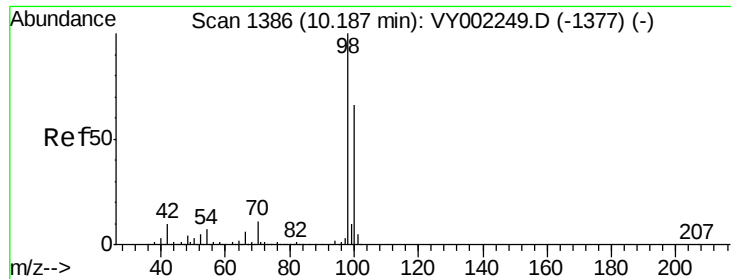


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.023 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

Instrument :

MSVOA_Y

ClientSampleId :

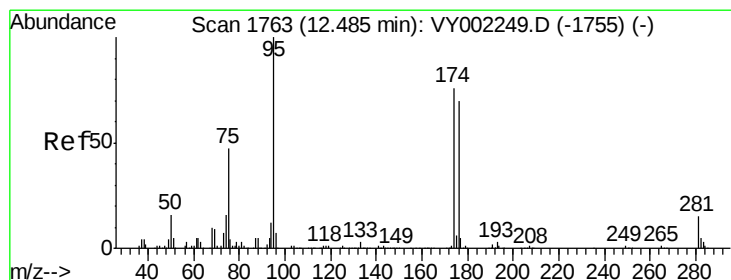
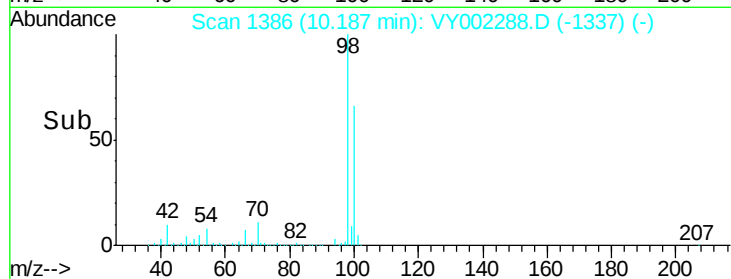
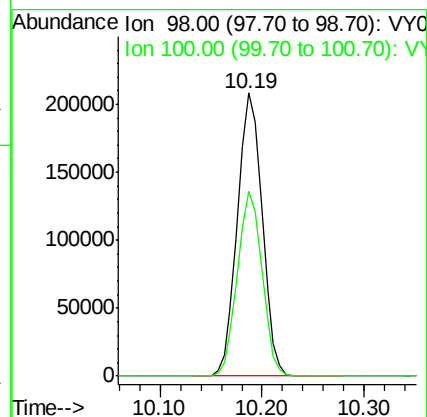
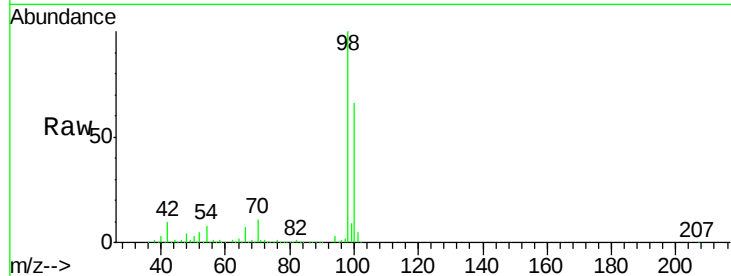
TP-2-7FT

Tot Ion: 98 Resp: 350172

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.968 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002288.D

Acq: 13 Apr 2020 18:16

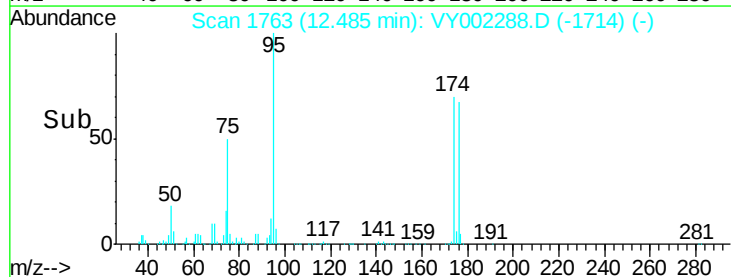
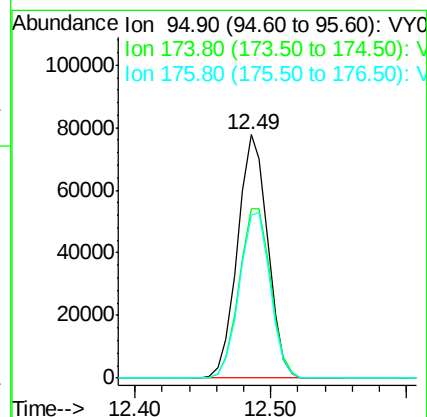
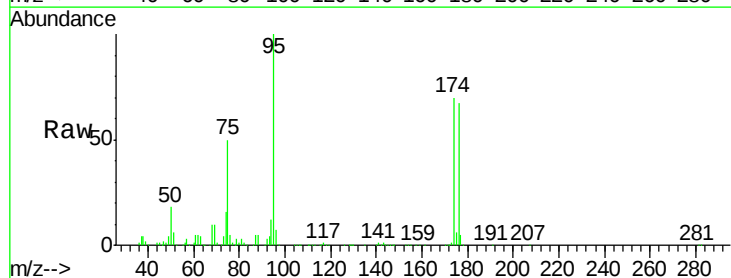
Tgt Ion: 95 Resp: 120110

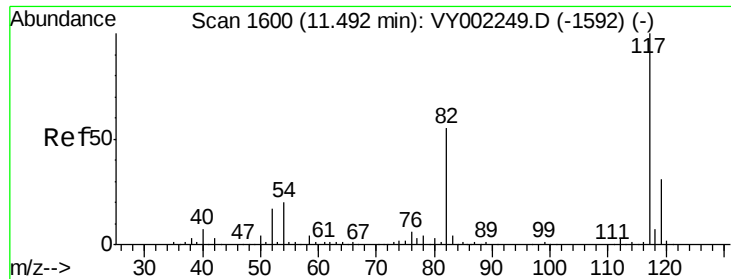
Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.6

176 69.6 0.0 141.4

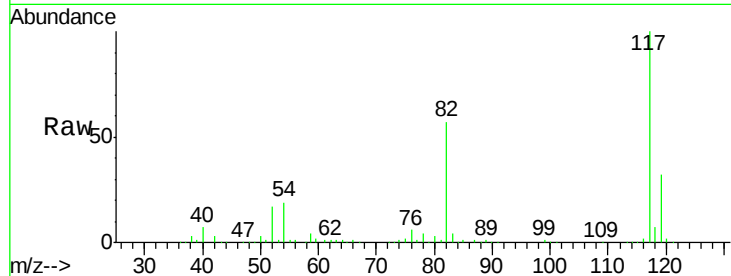




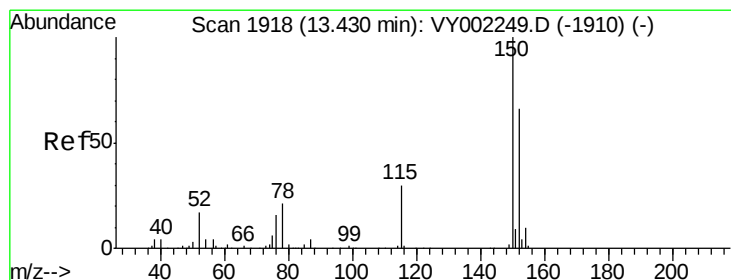
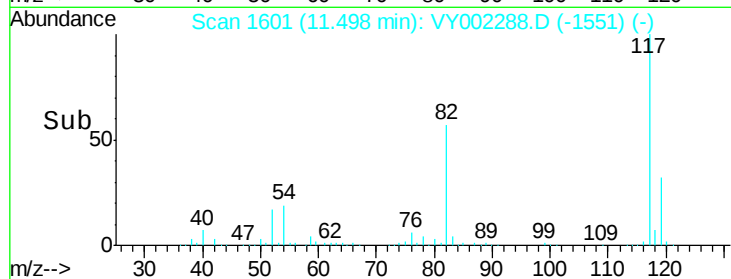
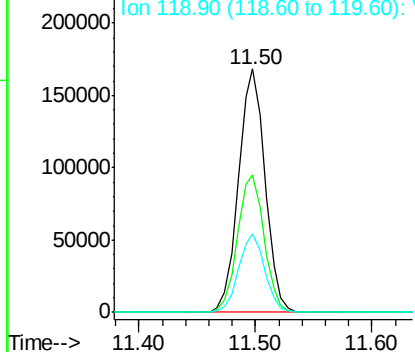
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002288.D
Acq: 13 Apr 2020 18:16

Instrument :
MSVOA_Y
ClientSampleId :
TP-2-7FT

Tot Ion:117 Resp: 266592
Ion Ratio Lower Upper
117 100
82 56.6 44.2 66.4
119 32.3 25.1 37.7

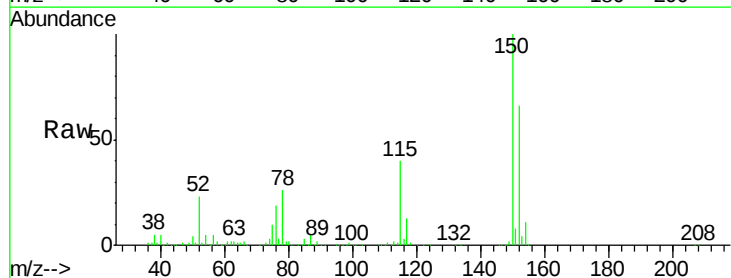


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002288.D
Acq: 13 Apr 2020 18:16

Tgt Ion:152 Resp: 119101
Ion Ratio Lower Upper
152 100
115 61.1 30.7 92.1
150 158.8 0.0 350.6



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

