

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001975.D
 Acq On : 16 Mar 2020 12:16
 Operator : SY/MD
 Sample : L1942-01
 Misc : 7.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10(3-4)

Quant Time: Mar 17 08:27:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	149854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	292876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	259366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	111664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	89832	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
35) Dibromofluoromethane	7.75	113	83315	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.20	98	351244	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.50	95	116959	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	

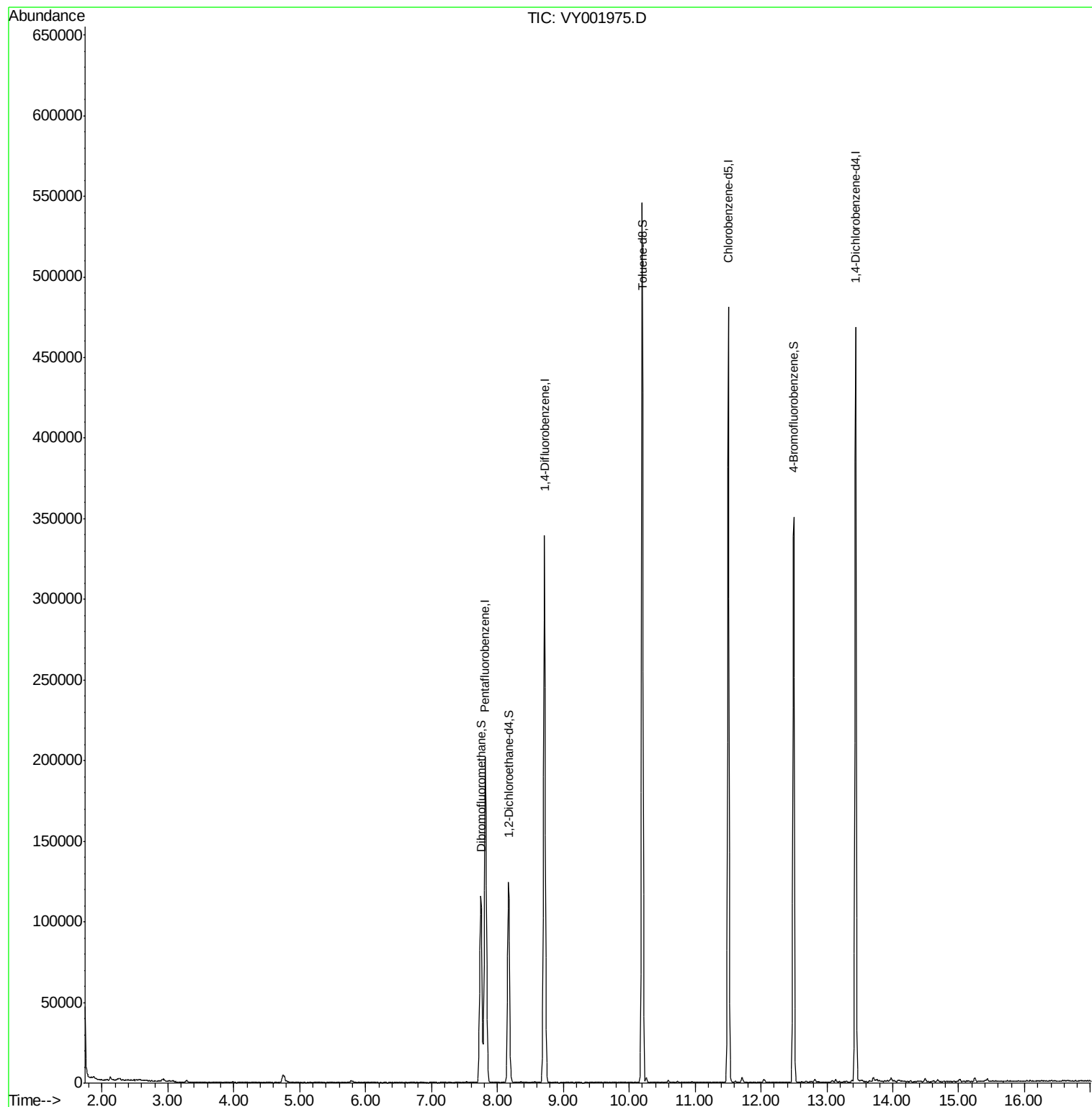
Target Compounds Qvalue

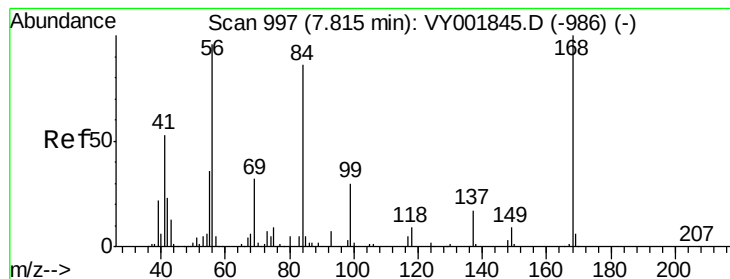
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

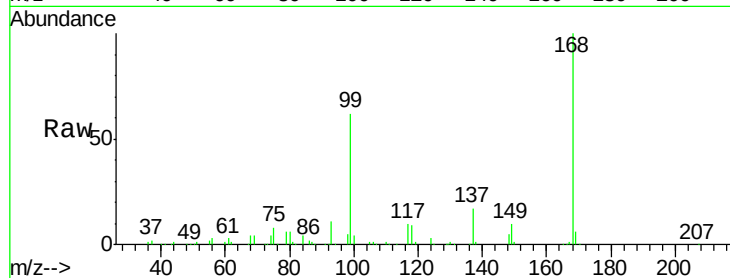
TP-10(3-4)

Tot Ion:168 Resp: 149854

Ion Ratio Lower Upper

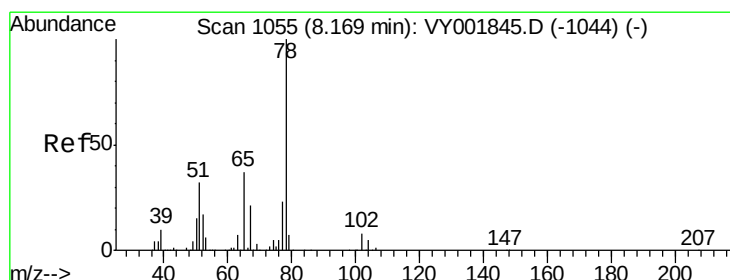
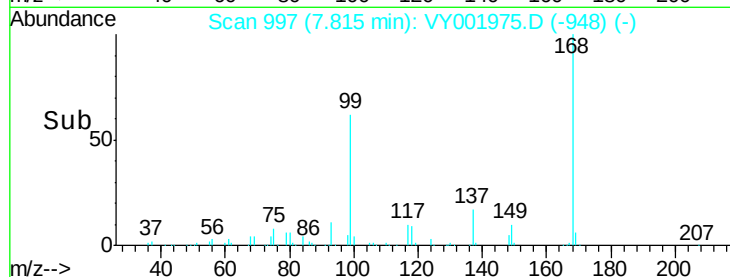
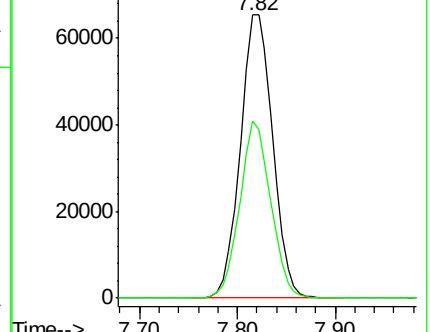
168 100

99 62.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001975.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001975.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.152 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001975.D

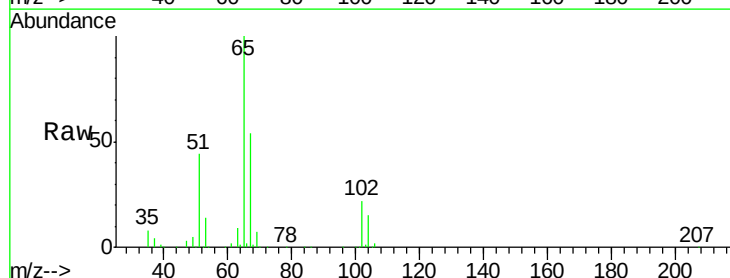
Acq: 16 Mar 2020 12:16

Tgt Ion: 65 Resp: 89832

Ion Ratio Lower Upper

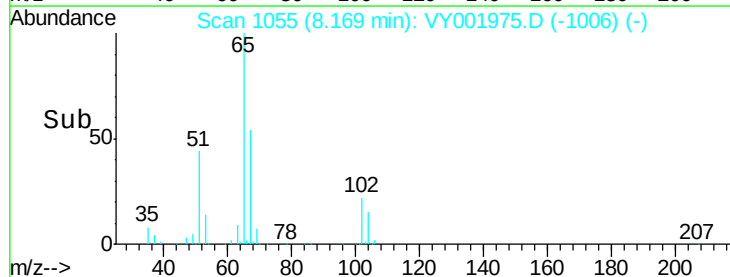
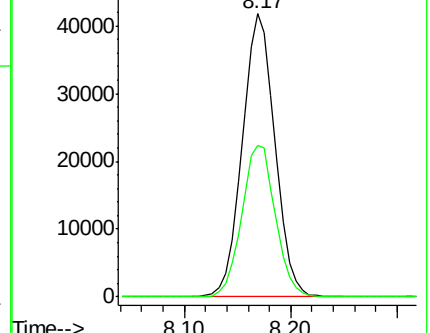
65 100

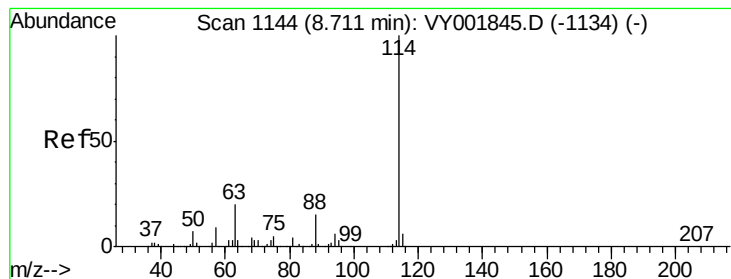
67 54.9 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001975.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001975.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(3-4)

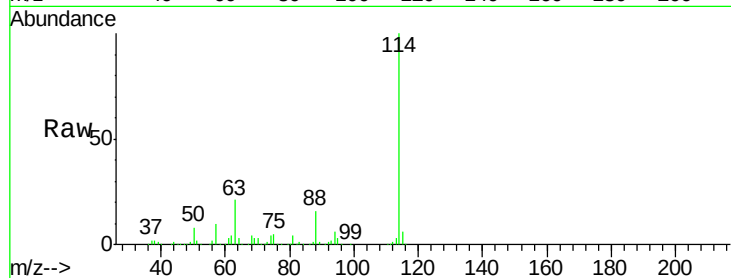
Tot Ion:114 Resp: 292876

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

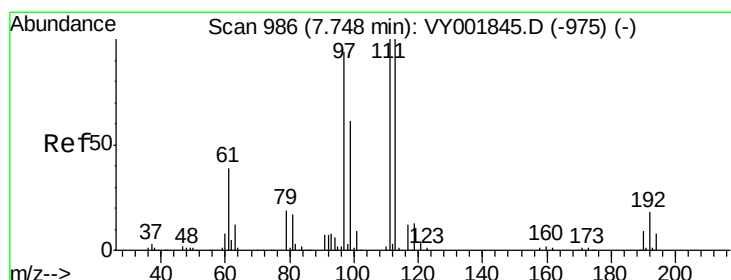
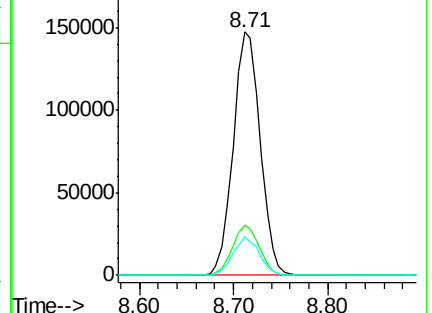
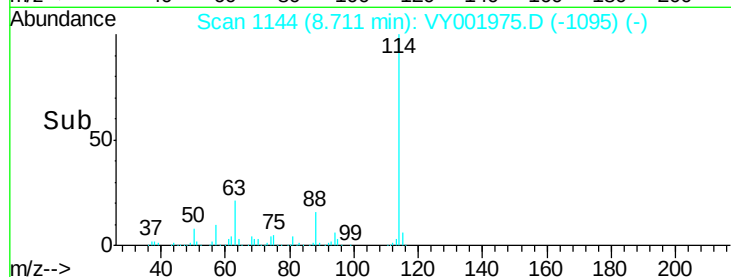
88 15.8 0.0 30.4



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: 52.097 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

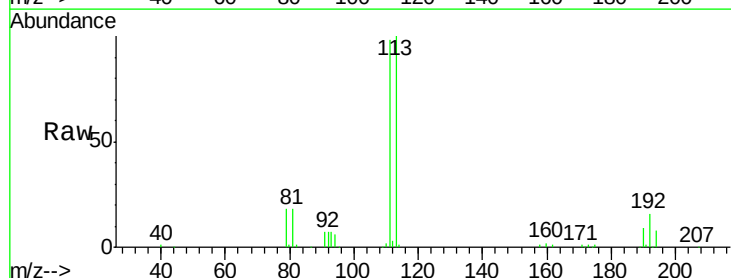
Tgt Ion:113 Resp: 83315

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

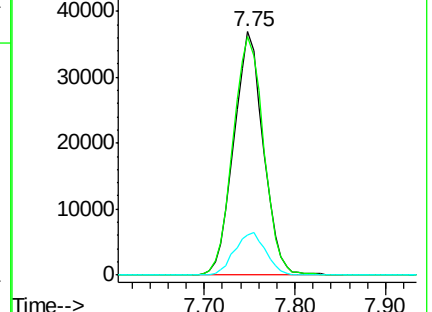
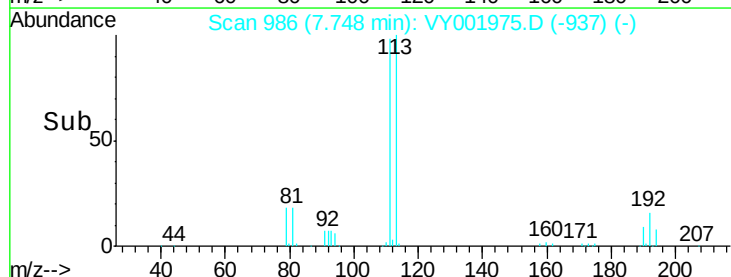
192 18.4 14.2 21.2

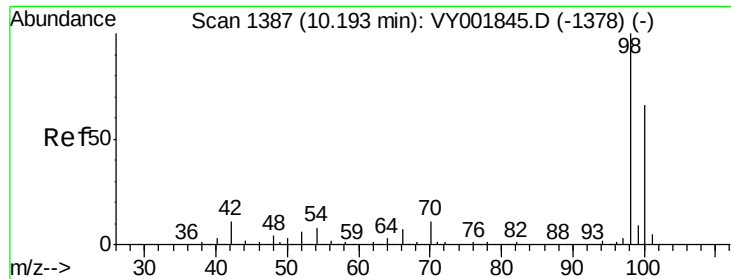


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.085 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

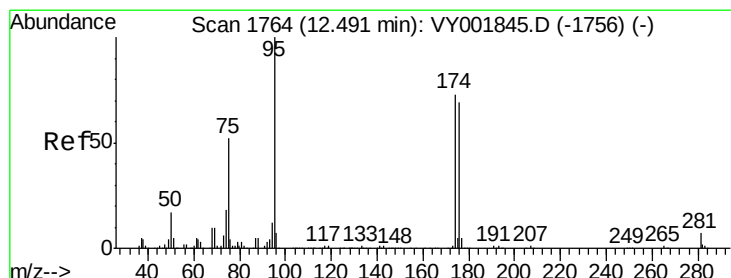
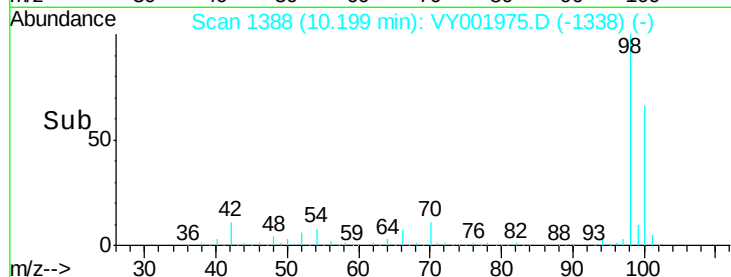
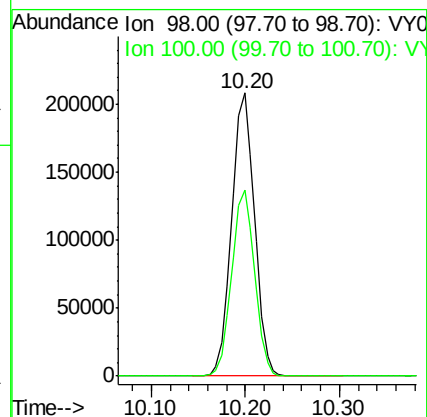
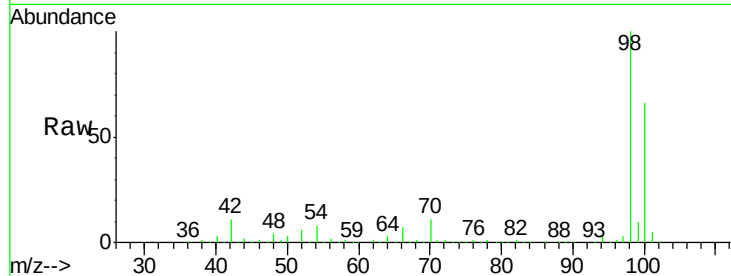
TP-10(3-4)

Tot Ion: 98 Resp: 351244

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 49.879 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

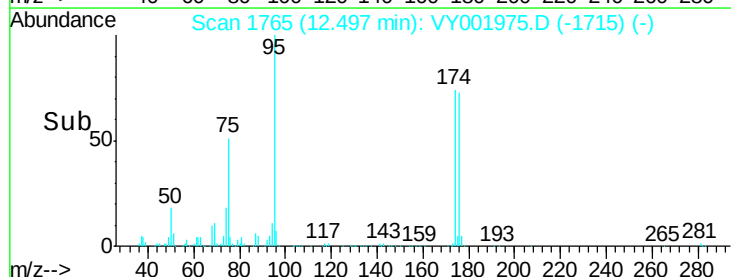
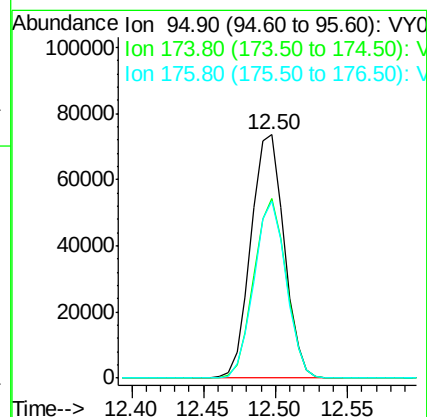
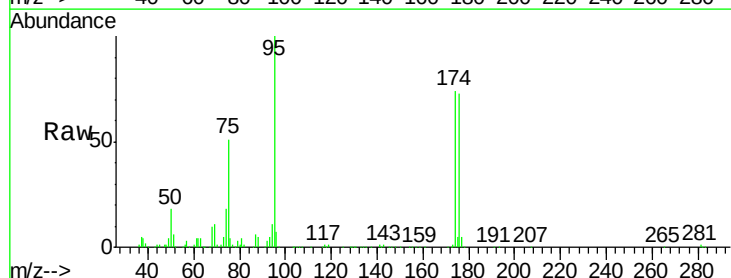
Tgt Ion: 95 Resp: 116959

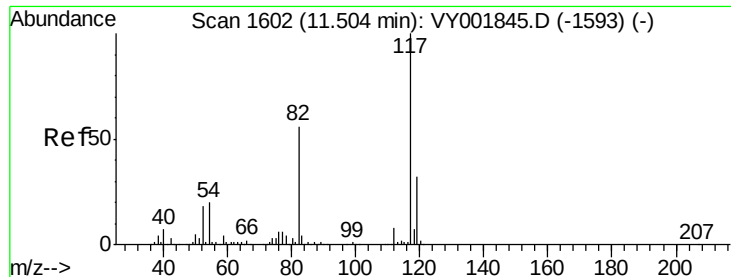
Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.0

176 70.4 0.0 137.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-10(3-4)

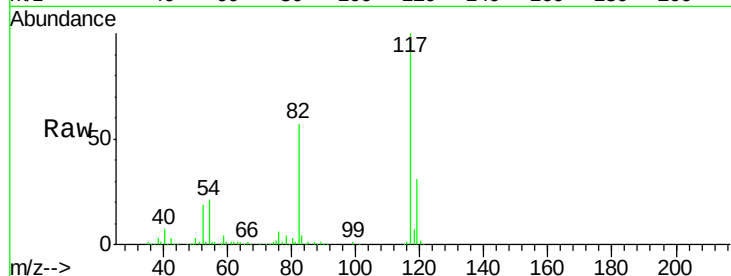
Tot Ion:117 Resp: 259366

Ion Ratio Lower Upper

117 100

82 57.0 44.5 66.7

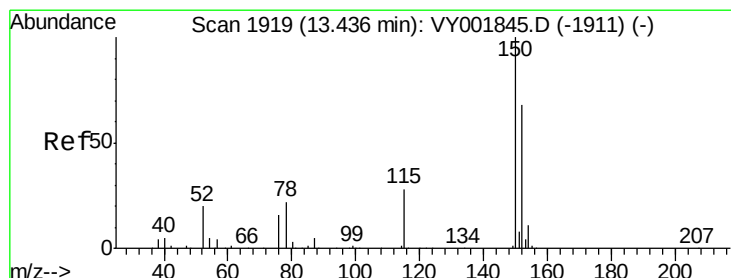
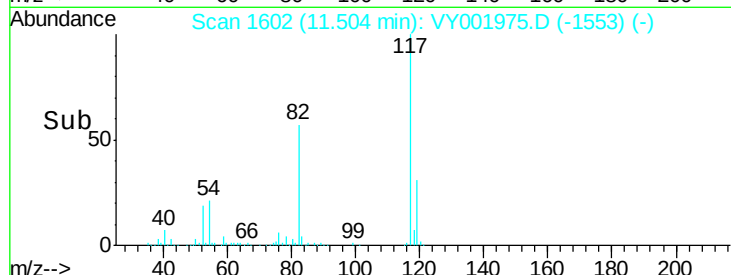
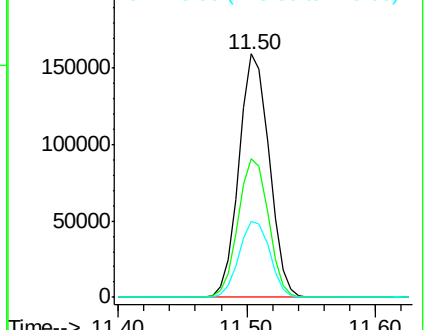
119 31.3 25.7 38.5



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# 1919

Delta R.T. 0.00 min

Lab File: VY001975.D

Acq: 16 Mar 2020 12:16

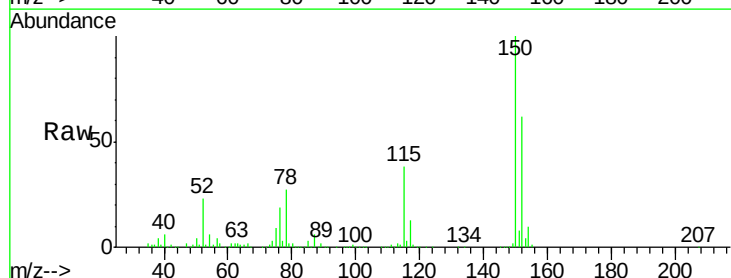
Tgt Ion:152 Resp: 111664

Ion Ratio Lower Upper

152 100

115 61.1 29.9 89.7

150 160.5 0.0 340.6



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

