

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002307.D
 Acq On : 14 Apr 2020 14:41
 Operator : SY/MD
 Sample : L2230-43
 Misc : 5.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-42

Quant Time: Apr 15 06:20:50 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

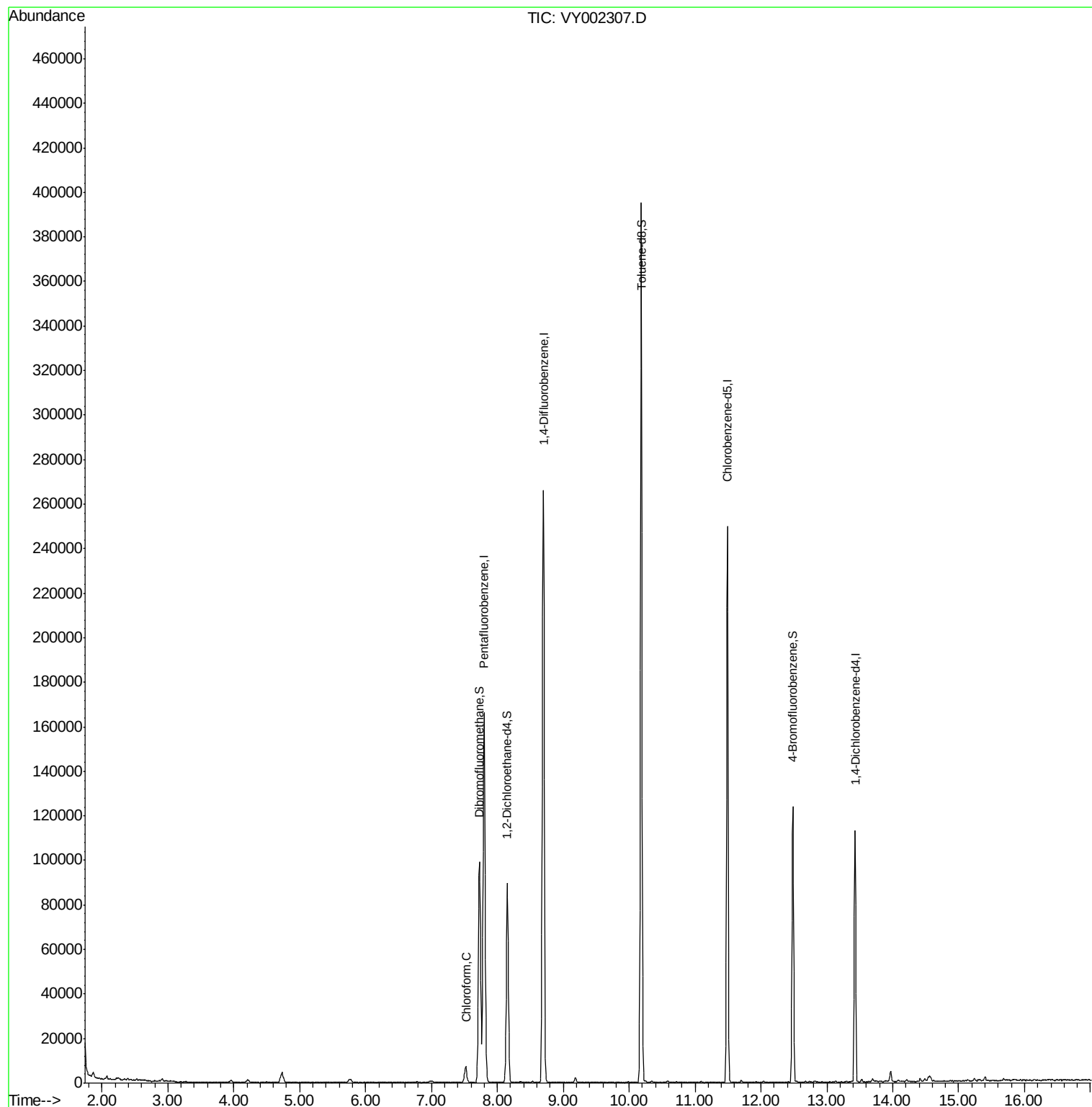
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	125687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	237941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	138642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	28924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	64433	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	7.73	113	73693	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
50) Toluene-d8	10.18	98	259024	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	12.49	95	40266	20.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.20%	
Target Compounds						
30) Chloroform	7.52	83	6987	2.642	ug/l	Qvalue 92

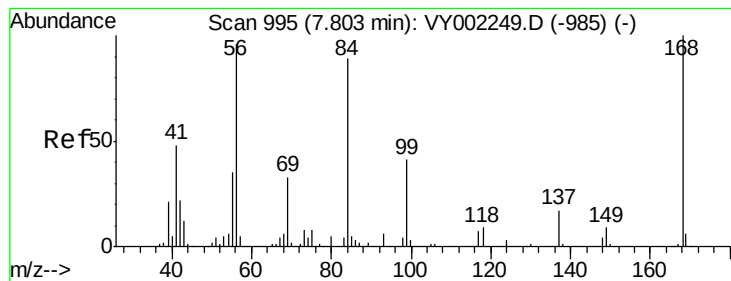
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

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MSVOA_Y

ClientSampleId :

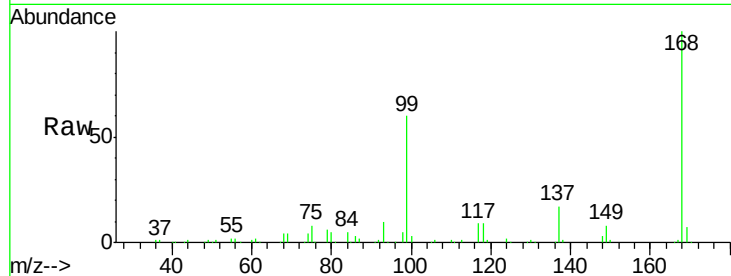
TP-42

Tot Ion:168 Resp: 125687

Ion Ratio Lower Upper

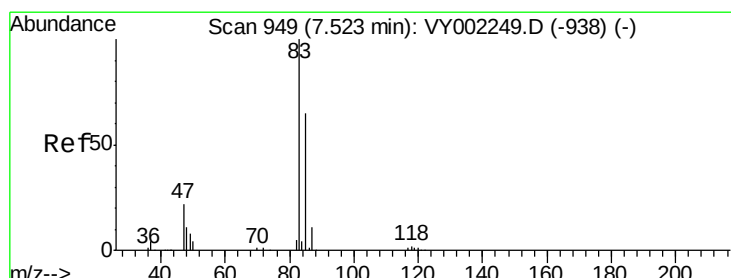
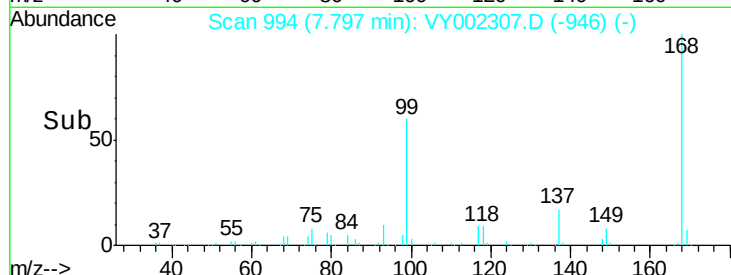
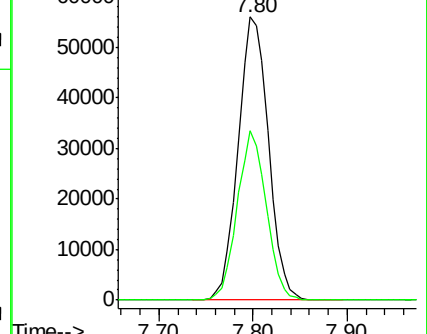
168 100

99 59.8 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) (-)



#30

Chloroform

Concen: 2.642 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY002307.D

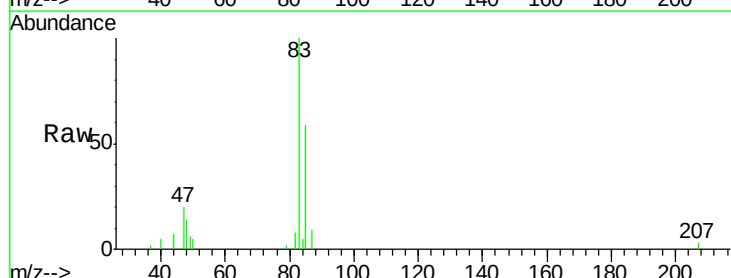
Acq: 14 Apr 2020 14:41

Tgt Ion: 83 Resp: 6987

Ion Ratio Lower Upper

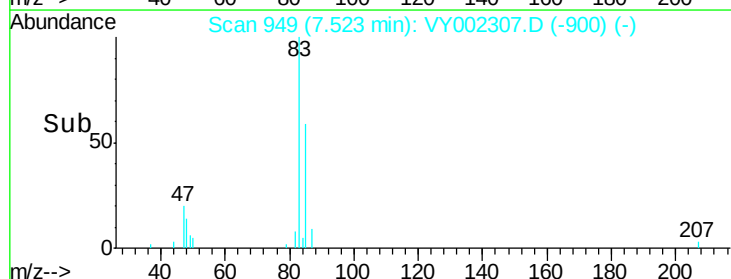
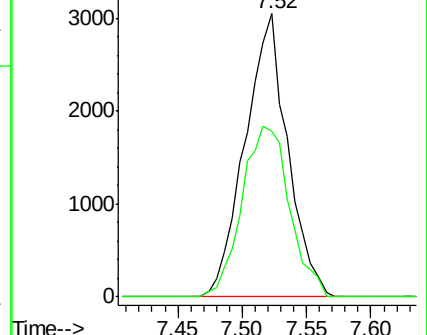
83 100

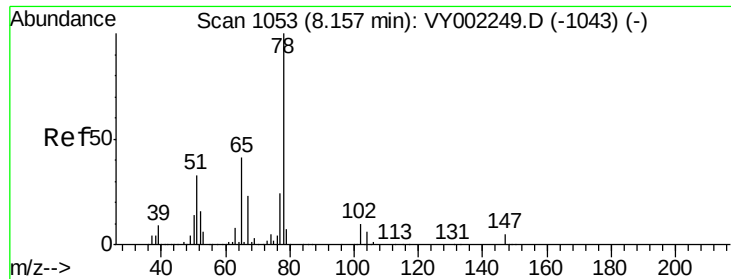
85 58.6 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VY002249.D (-938) (-)

Ion 84.90 (84.60 to 85.60): VY002249.D (-938) (-)

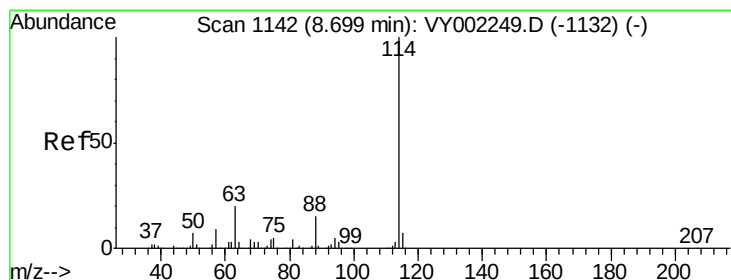
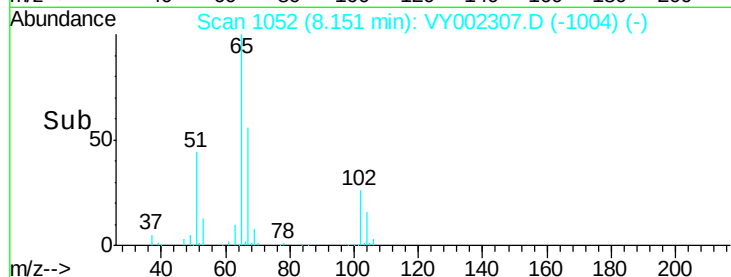
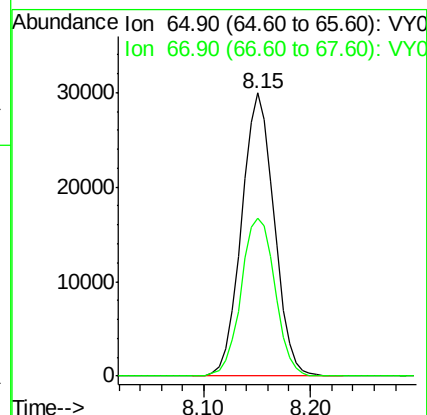
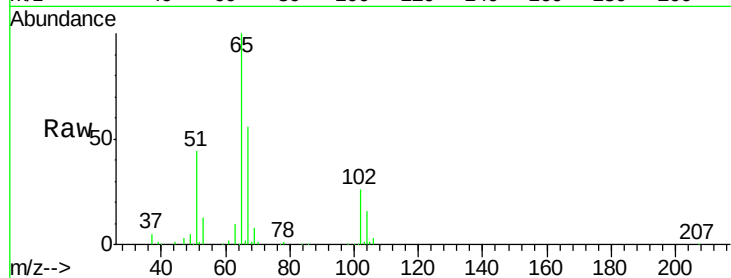




#33
 1,2-Dichloroethane-d4
 Concen: 46.098 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002307.D
 Acq: 14 Apr 2020 14:41

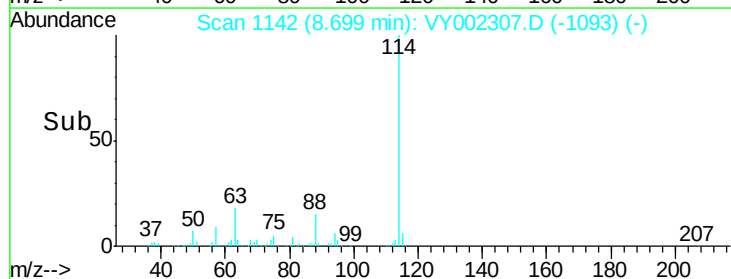
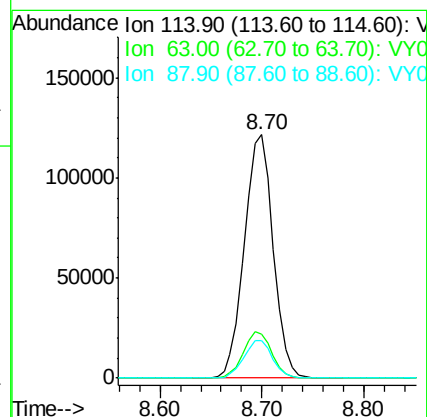
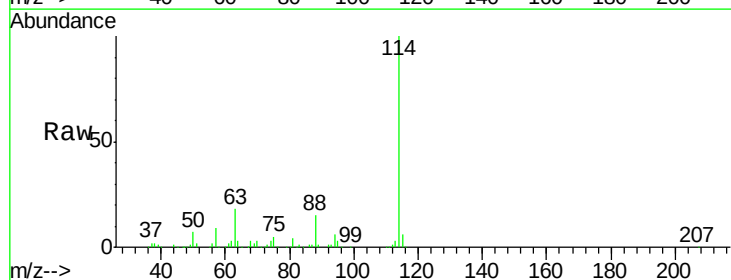
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-42

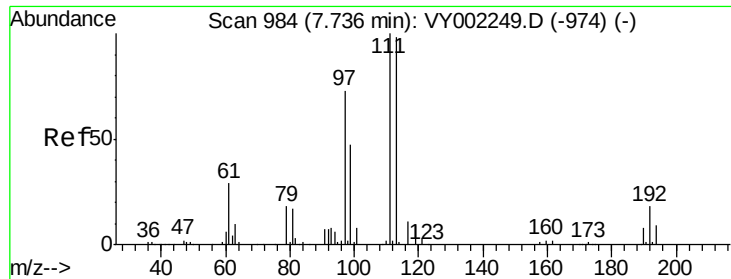
Tot Ion: 65 Resp: 64433
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002307.D
 Acq: 14 Apr 2020 14:41

Tgt Ion: 114 Resp: 237941
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.0
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.049 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-42

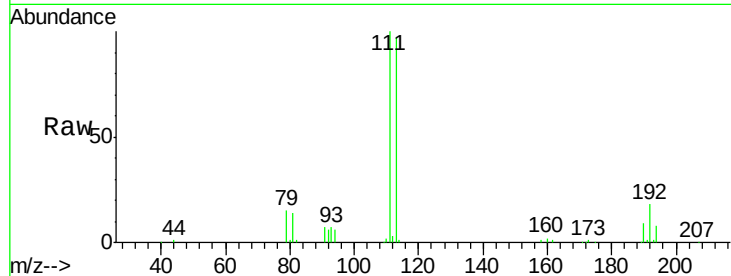
Tot Ion:113 Resp: 73693

Ion Ratio Lower Upper

113 100

111 102.3 83.5 125.3

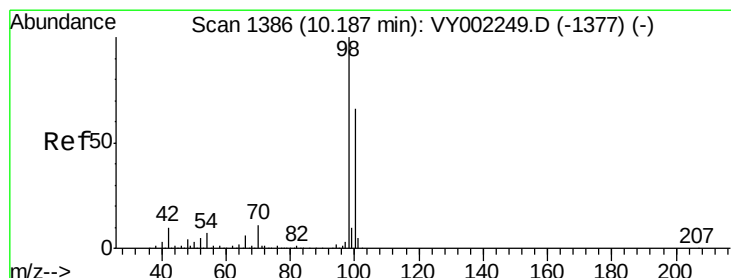
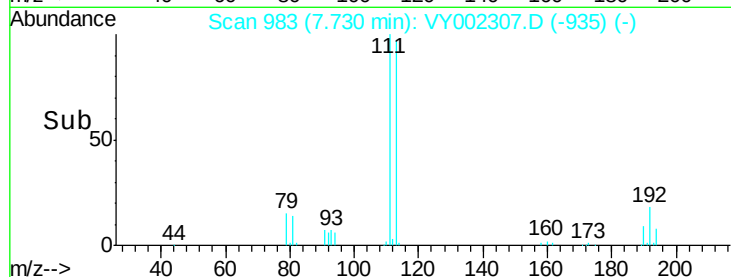
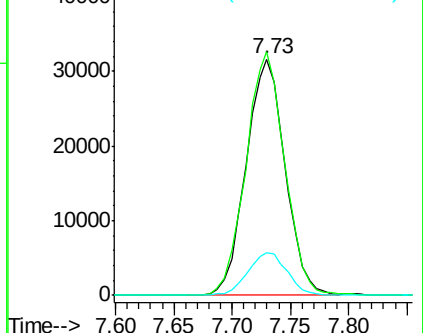
192 18.2 14.7 22.1



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: 43.709 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002307.D

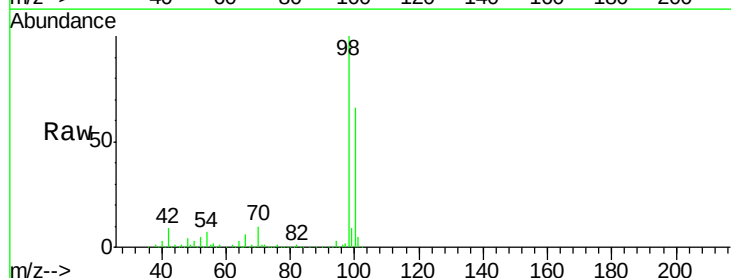
Acq: 14 Apr 2020 14:41

Tgt Ion: 98 Resp: 259024

Ion Ratio Lower Upper

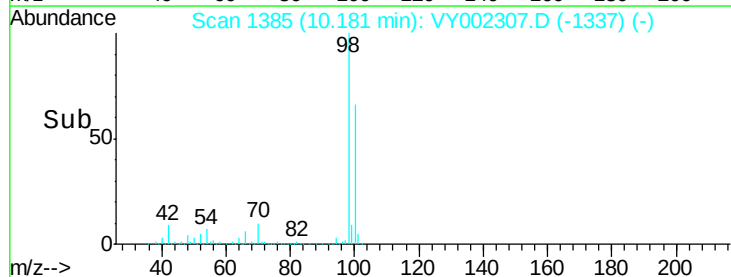
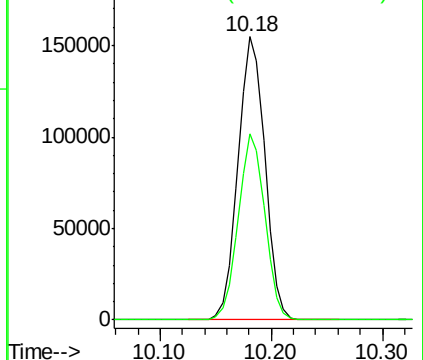
98 100

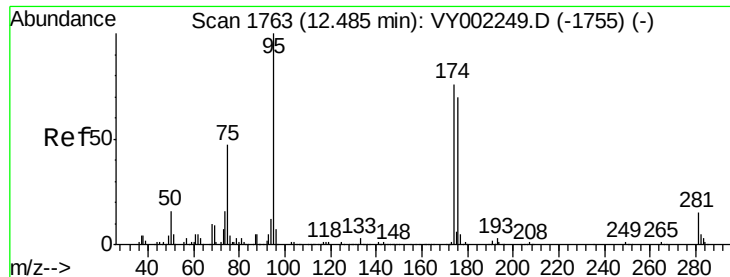
100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

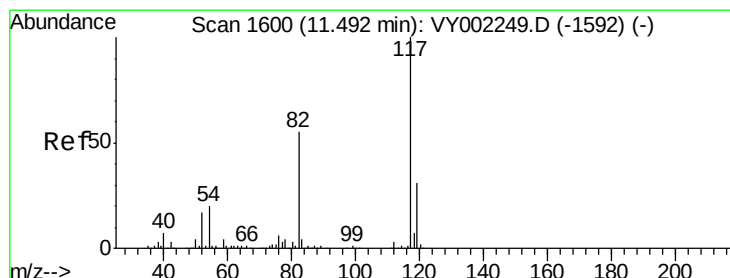
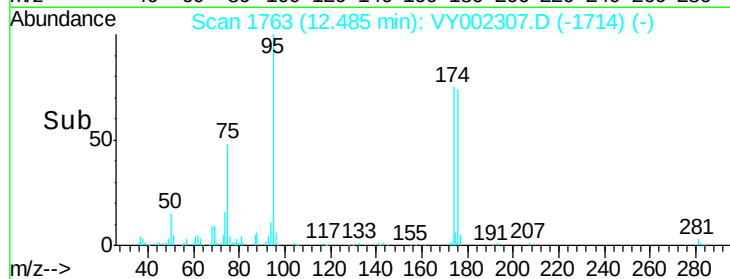
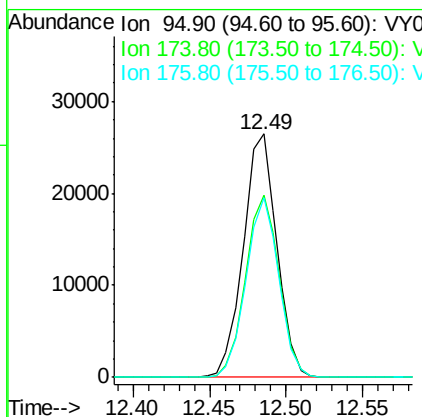
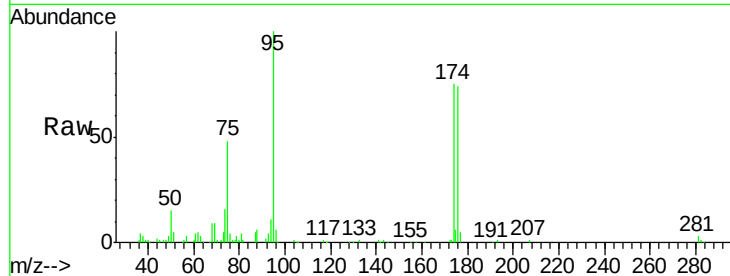




#62
4-Bromofluorobenzene
Concen: 20.595 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

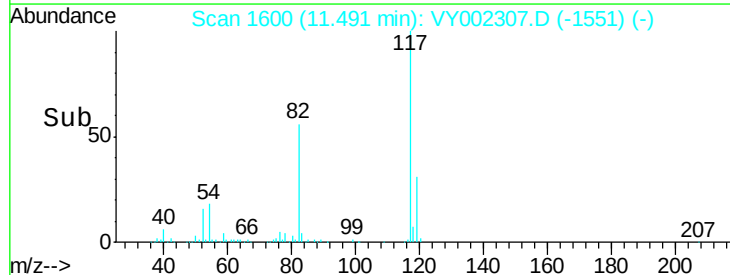
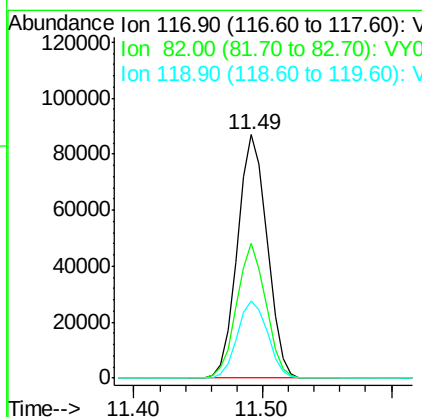
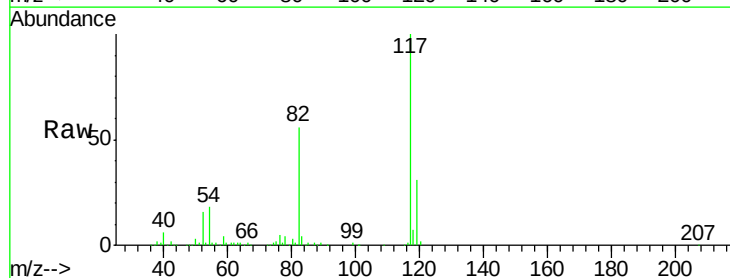
Instrument :
MSVOA_Y
ClientSampleId :
TP-42

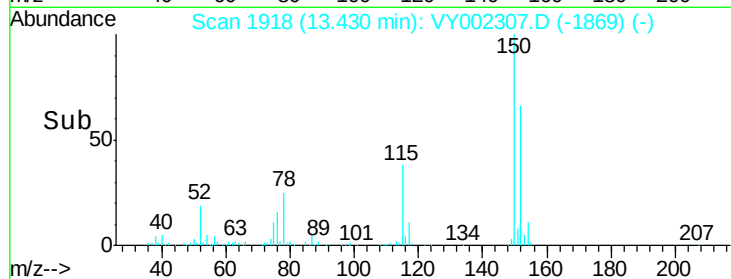
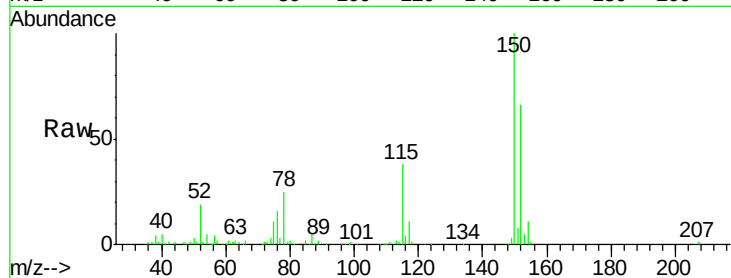
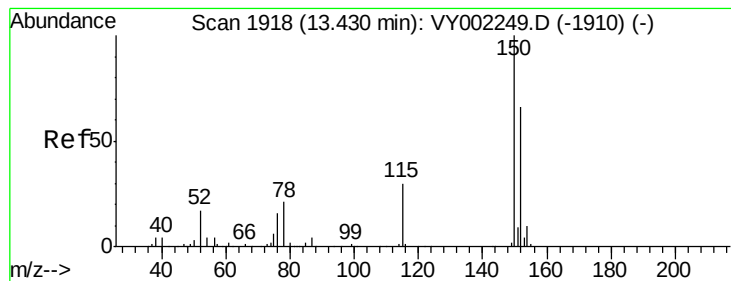
Tot Ion: 95 Resp: 40266
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.6
176 72.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002307.D
Acq: 14 Apr 2020 14:41

Tgt Ion: 117 Resp: 138642
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 31.5 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: VY002307.D

Acq: 14 Apr 2020 14:41

Instrument :

MSVOA_Y

ClientSampleId :

TP-42

Tot Ion:152 Resp: 28924

Ion Ratio Lower Upper

152 100

115 59.5 30.7 92.1

150 158.0 0.0 350.6

