

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002304.D
 Acq On : 14 Apr 2020 13:34
 Operator : SY/MD
 Sample : L2230-31
 Misc : 7.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20

Quant Time: Apr 15 06:15:22 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

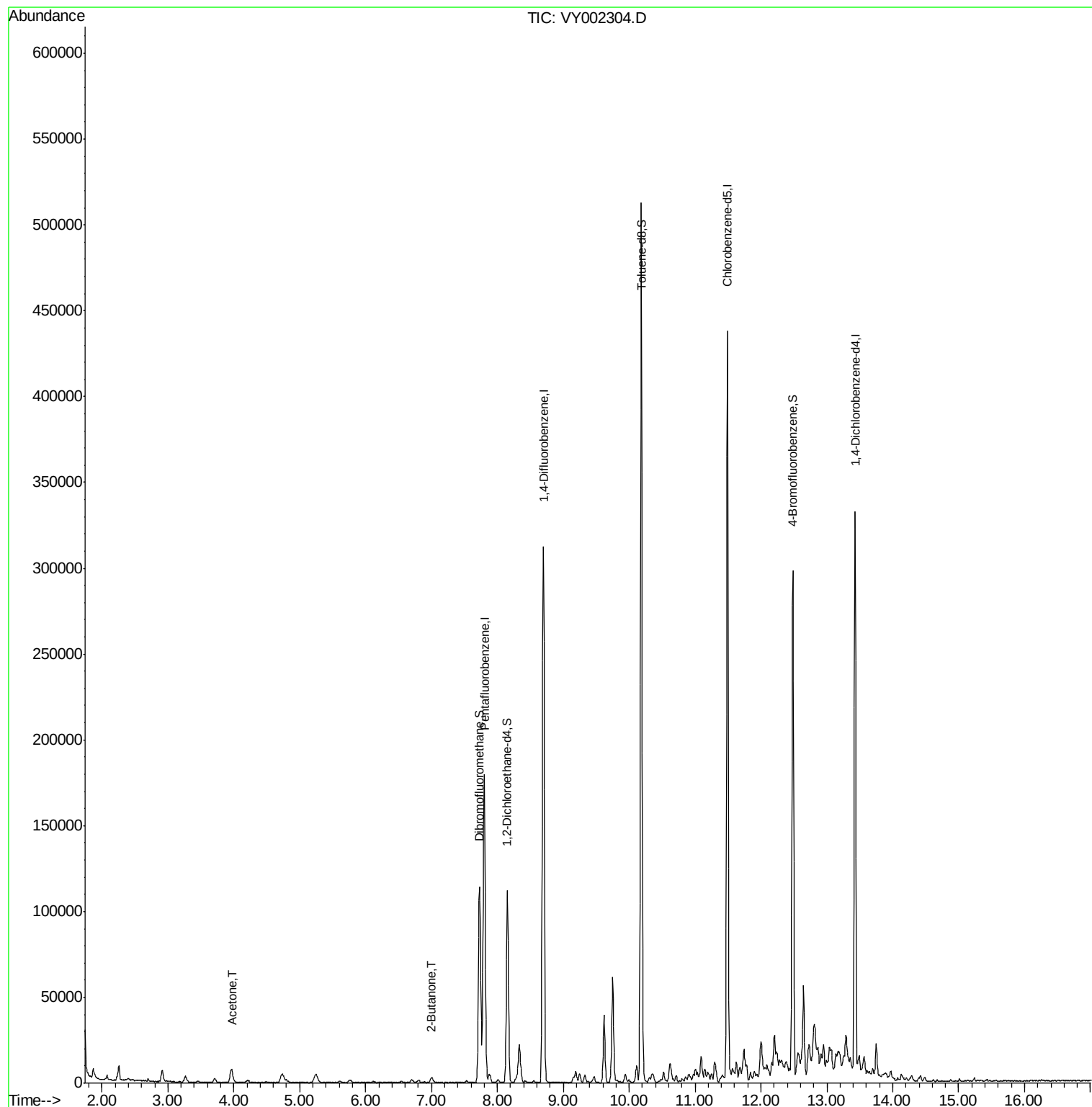
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	139959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	281392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	246628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	84637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79110	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.73	113	85373	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.18	98	343059	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.49	95	96887	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
16) Acetone	3.97	43	14471	35.300	ug/l	91
25) 2-Butanone	7.00	43	4929	7.598	ug/l	99

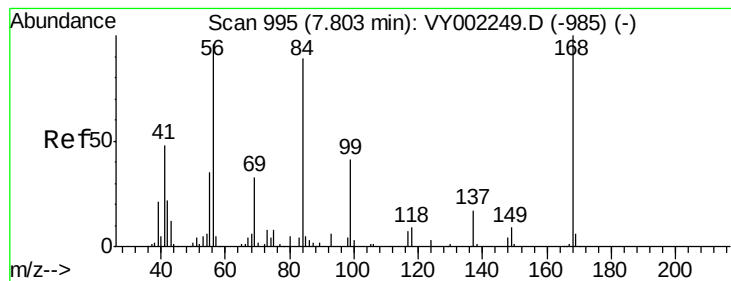
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

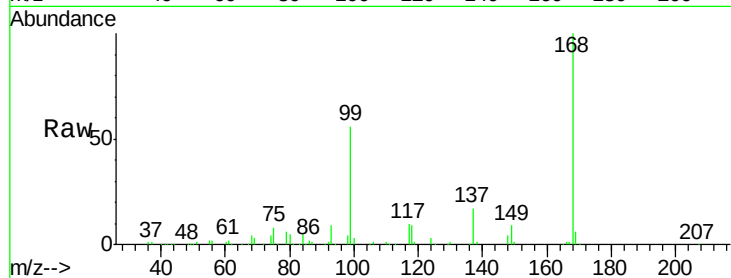
TP-20

Tot Ion:168 Resp: 139959

Ion Ratio Lower Upper

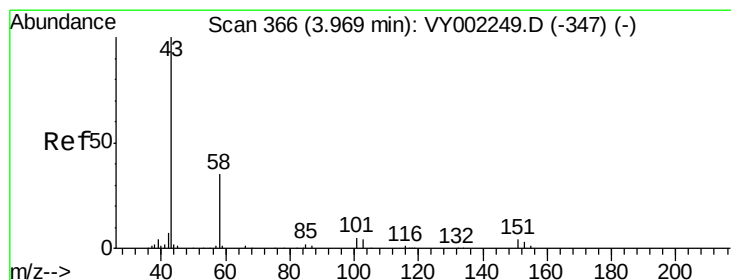
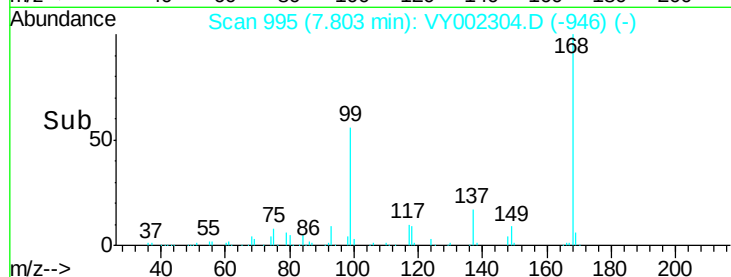
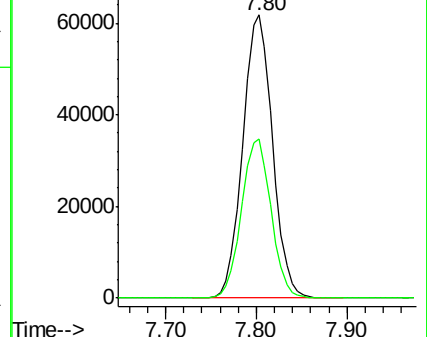
168 100

99 56.1 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) (-)



#16

Acetone

Concen: 35.300 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.00 min

Lab File: VY002304.D

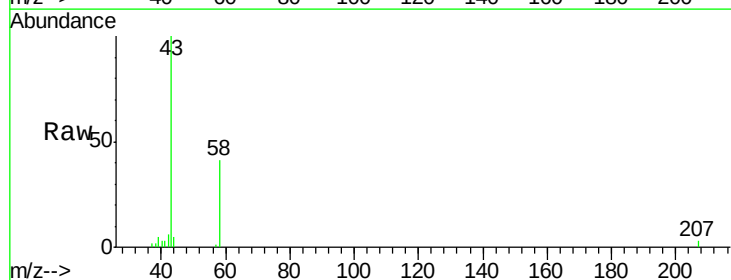
Acq: 14 Apr 2020 13:34

Tgt Ion: 43 Resp: 14471

Ion Ratio Lower Upper

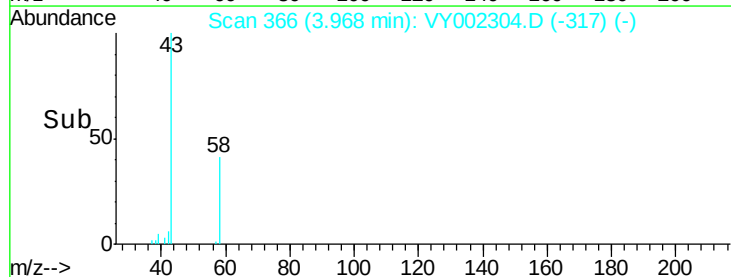
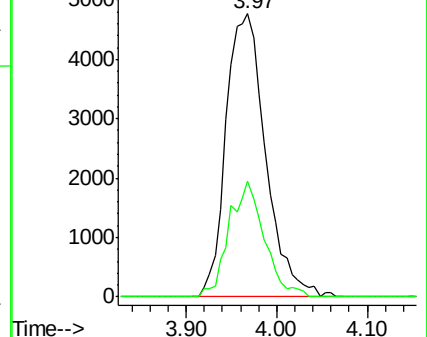
43 100

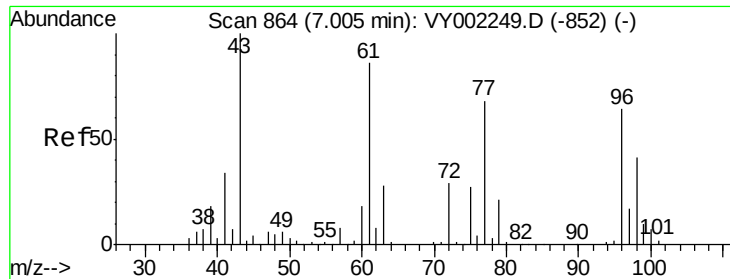
58 41.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)





#25

2-Butanone

Concen: 7.598 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

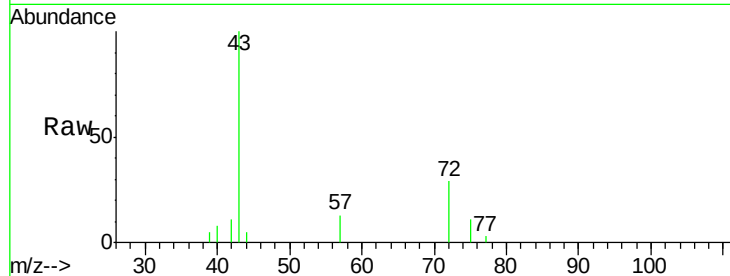
TP-20

Tot Ion: 43 Resp: 4929

Ion Ratio Lower Upper

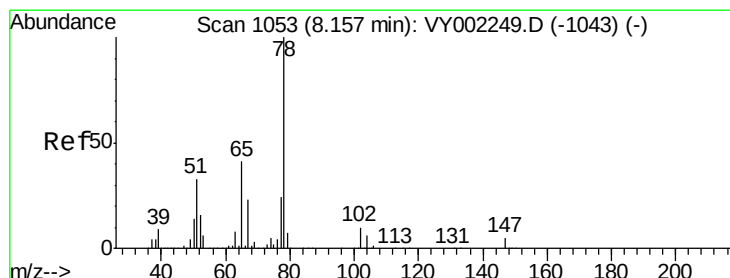
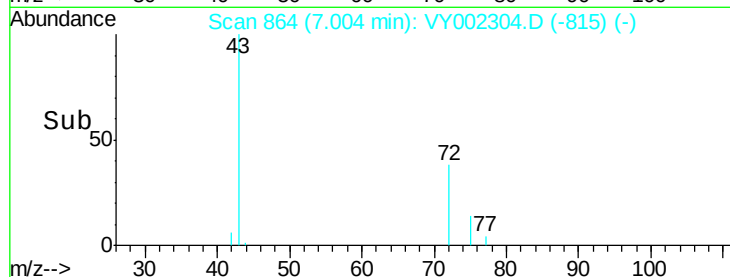
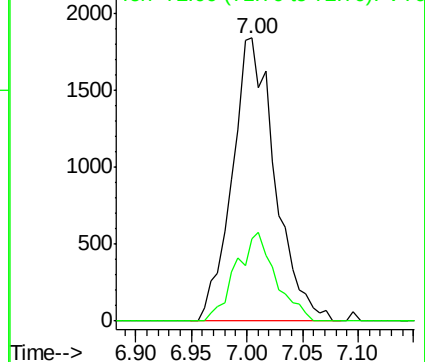
43 100

72 29.3 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 50.827 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002304.D

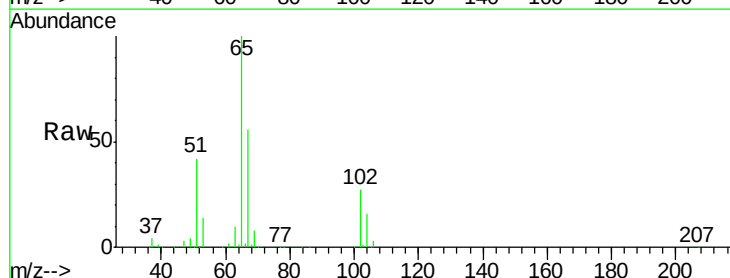
Acq: 14 Apr 2020 13:34

Tgt Ion: 65 Resp: 79110

Ion Ratio Lower Upper

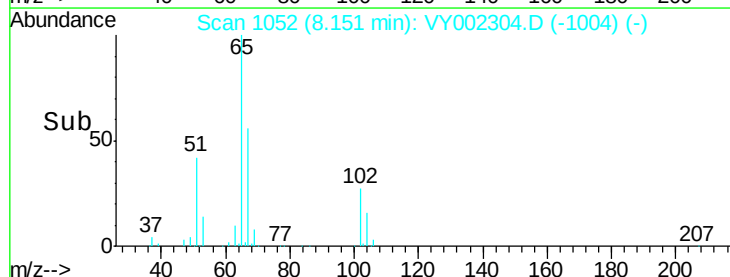
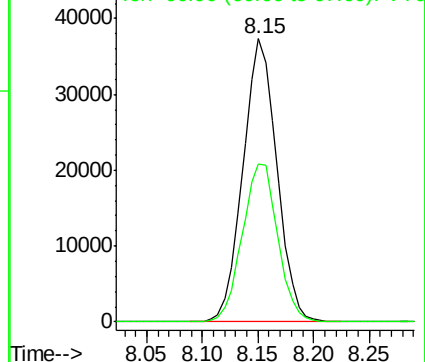
65 100

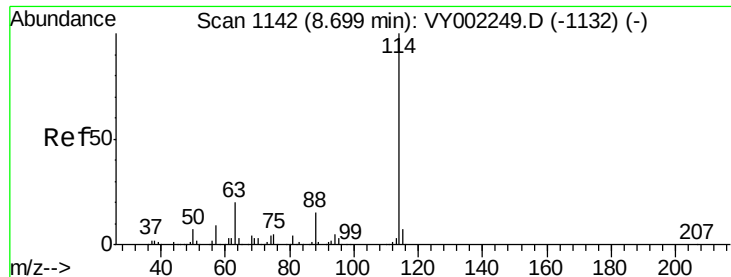
67 58.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

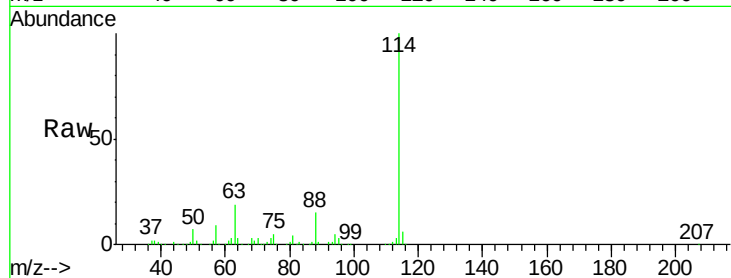
Tot Ion:114 Resp: 281392

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

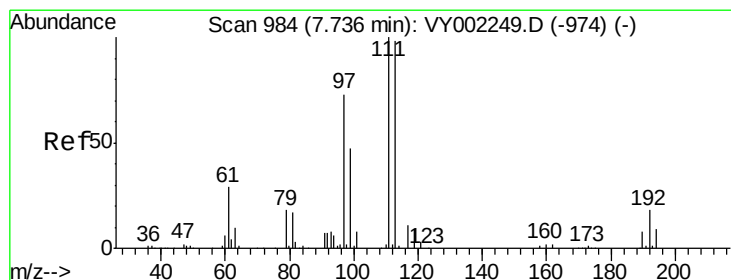
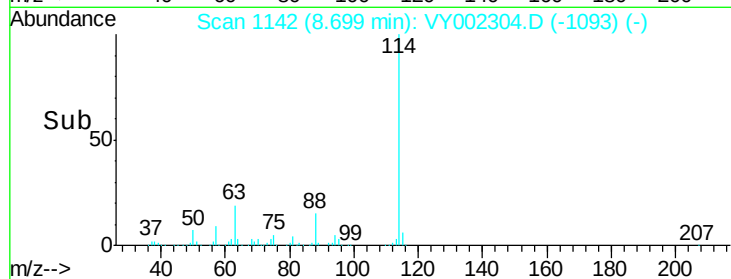
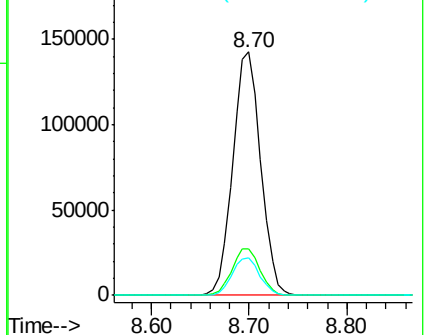
88 15.4 0.0 31.0



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: 50.988 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

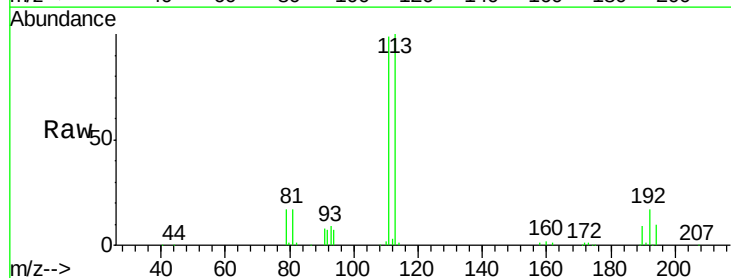
Tgt Ion:113 Resp: 85373

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

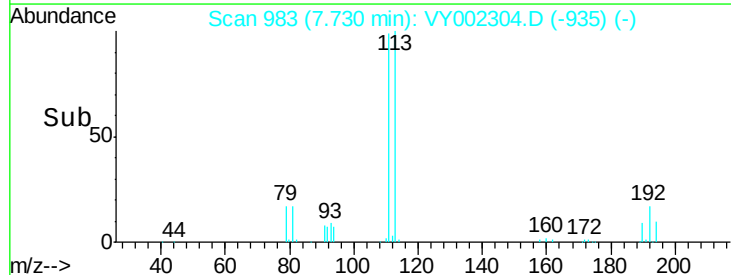
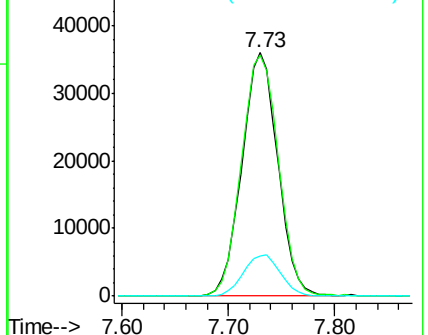
192 17.5 14.7 22.1

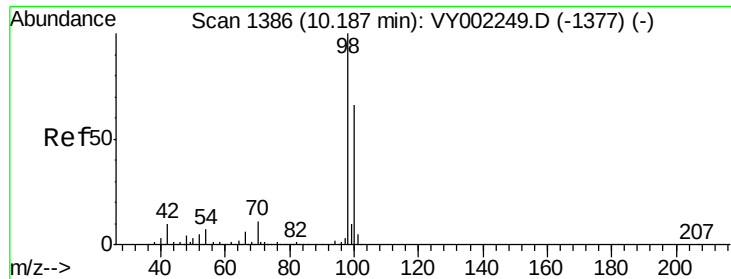


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.951 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

Instrument :

MSVOA_Y

ClientSampled :

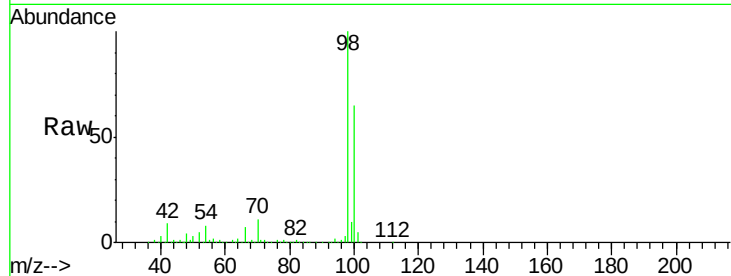
TP-20

Tot Ion: 98 Resp: 343059

Ion Ratio Lower Upper

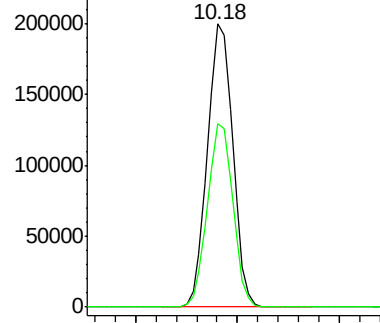
98 100

100 64.9 52.6 78.8

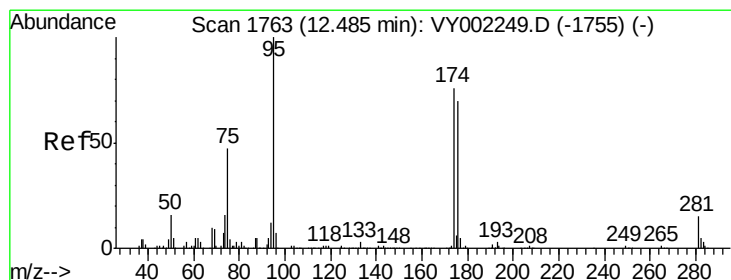
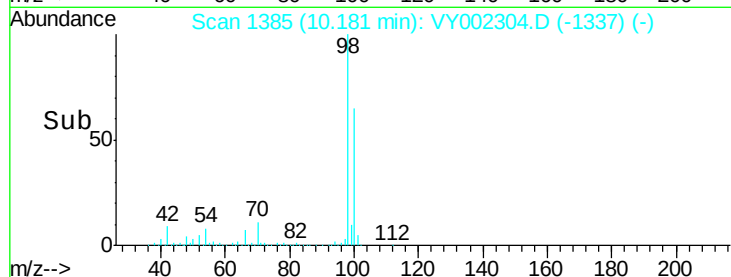


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 41.904 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002304.D

Acq: 14 Apr 2020 13:34

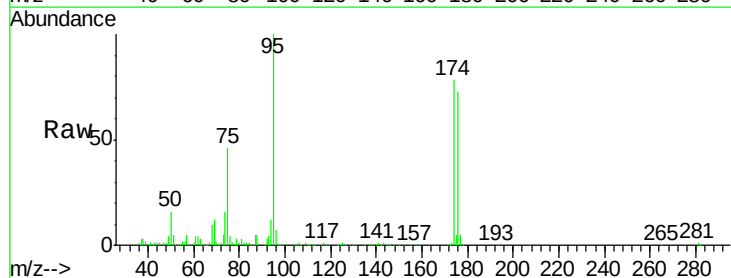
Tgt Ion: 95 Resp: 96887

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.6

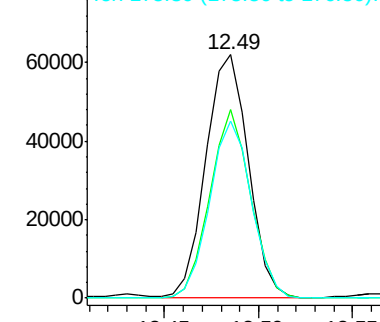
176 71.7 0.0 141.4



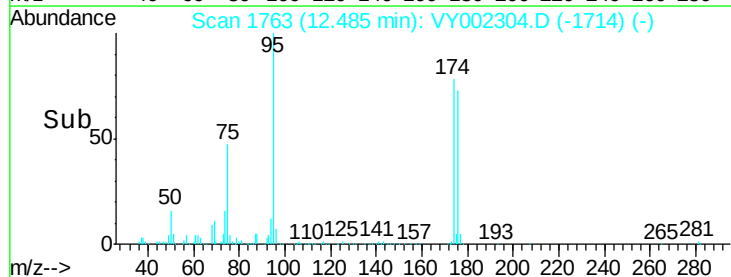
Abundance Ion 94.90 (94.60 to 95.60): VY0

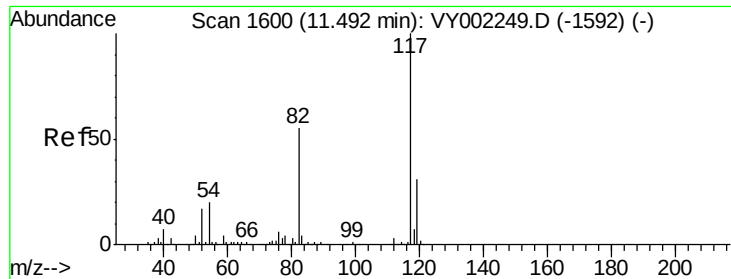
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

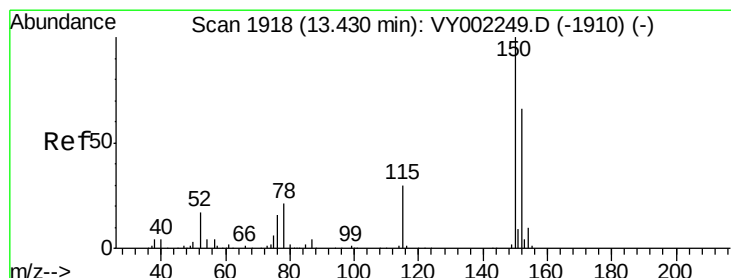
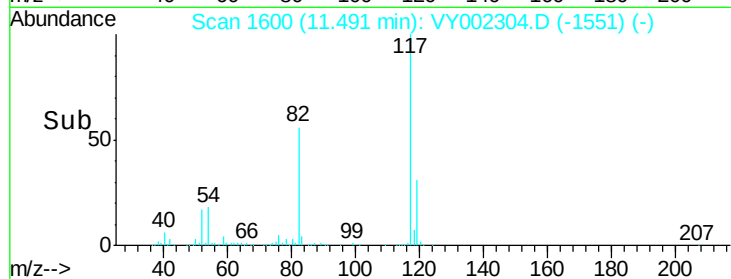
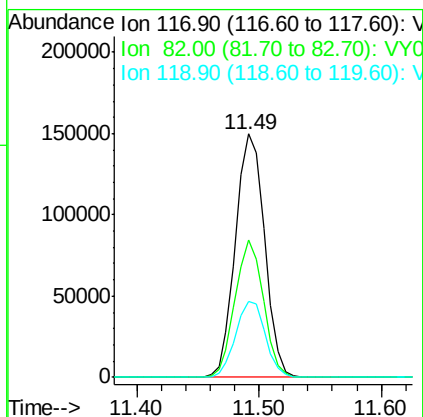
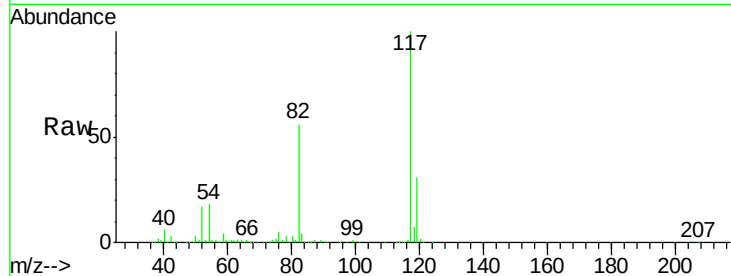




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002304.D
Acq: 14 Apr 2020 13:34

Instrument :
MSVOA_Y
ClientSampleId :
TP-20

Tot Ion:117 Resp: 246628
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.4
119 31.2 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: VY002304.D
Acq: 14 Apr 2020 13:34

Tgt Ion:152 Resp: 84637
Ion Ratio Lower Upper
152 100
115 61.8 30.7 92.1
150 157.5 0.0 350.6

