

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002320.D
 Acq On : 14 Apr 2020 19:32
 Operator : SY/MD
 Sample : L2230-27
 Misc : 5.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-19

Quant Time: Apr 15 06:48:12 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

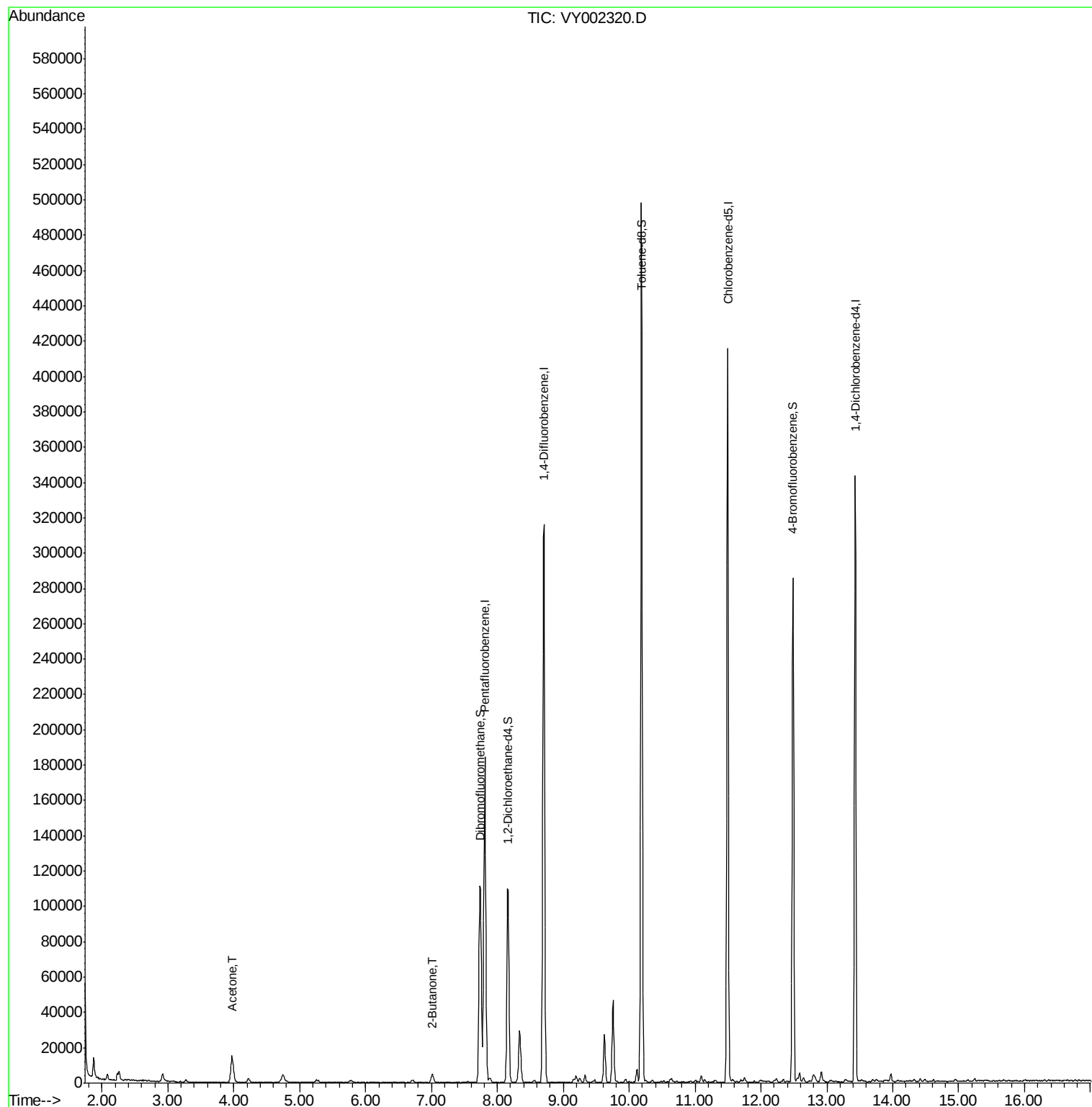
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	138998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	278099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	237483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	84619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	80130	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
35) Dibromofluoromethane	7.74	113	83103	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.19	98	330646	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.49	95	96028	42.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.04%	
Target Compounds						
16) Acetone	3.97	43	26236	64.442	ug/l	98
25) 2-Butanone	7.02	43	6269	9.730	ug/l	96

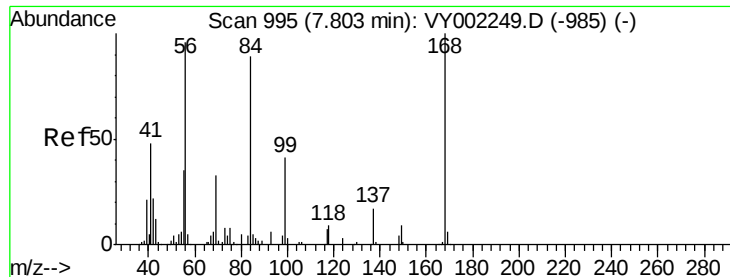
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002320.D

Acq: 14 Apr 2020 19:32

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MSVOA_Y

ClientSampleId :

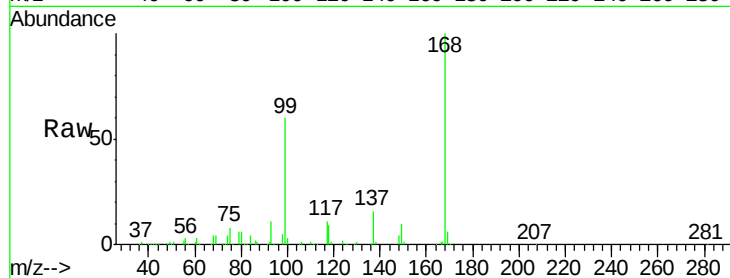
TP-19

Tot Ion:168 Resp: 138998

Ion Ratio Lower Upper

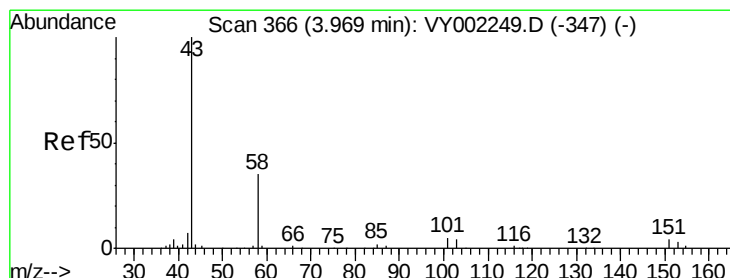
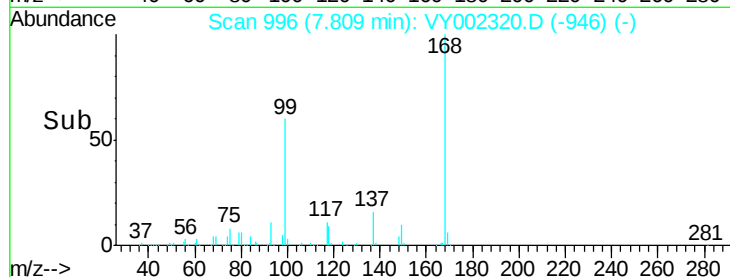
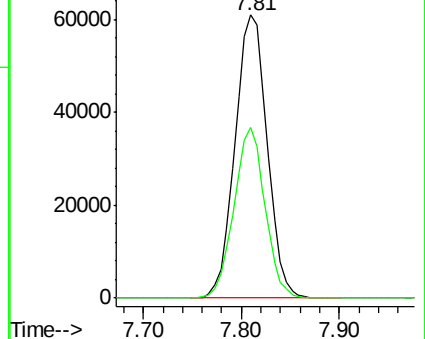
168 100

99 60.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002320.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY002320.D (-946) (-)



#16

Acetone

Concen: 64.442 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002320.D

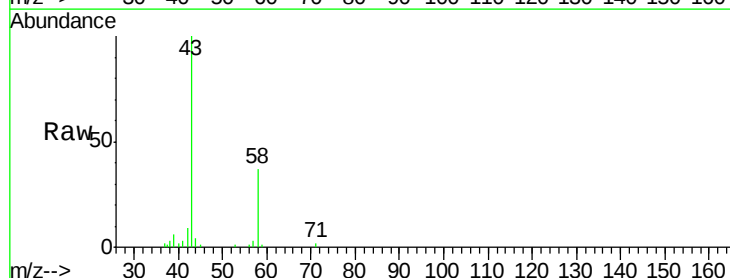
Acq: 14 Apr 2020 19:32

Tgt Ion: 43 Resp: 26236

Ion Ratio Lower Upper

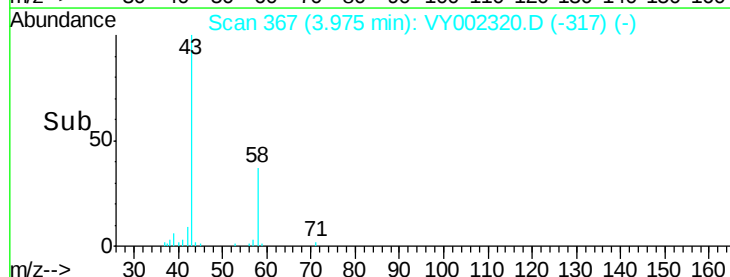
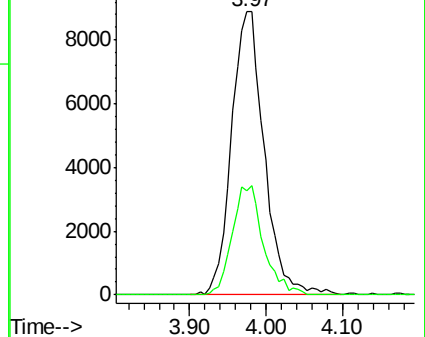
43 100

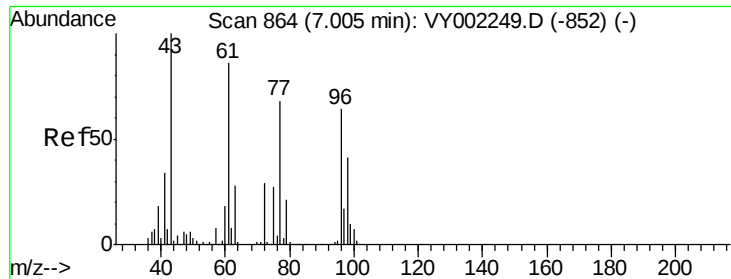
58 36.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002320.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VY002320.D (-317) (-)





#25

2-Butanone

Concen: 9.730 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002320.D

Acq: 14 Apr 2020 19:32

Instrument :

MSVOA_Y

ClientSampled :

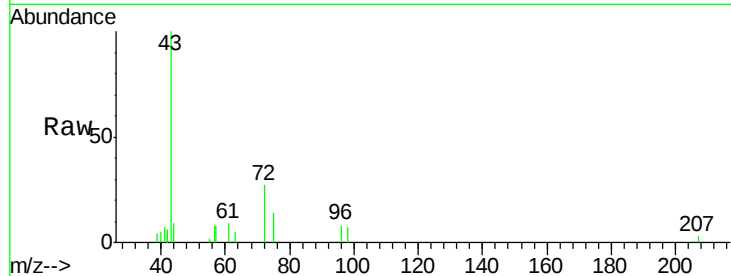
TP-19

Tot Ion: 43 Resp: 6269

Ion Ratio Lower Upper

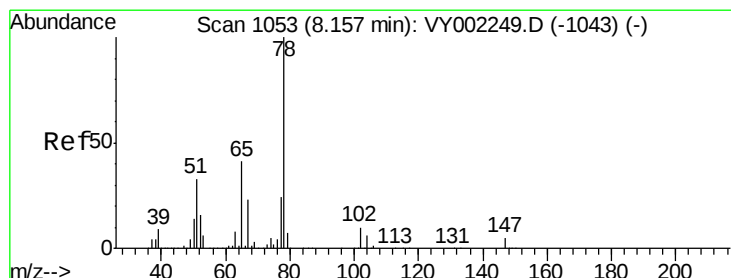
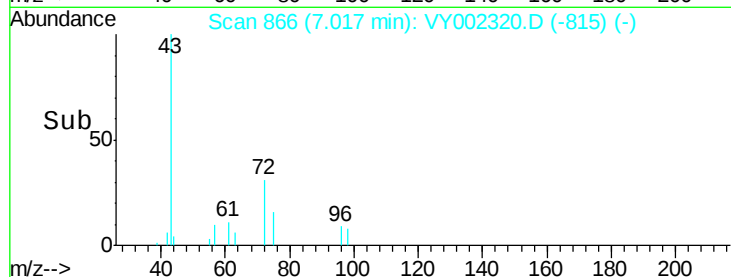
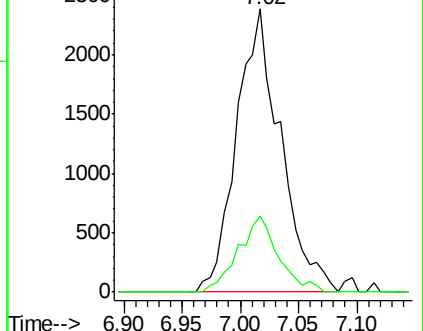
43 100

72 27.0 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: 51.839 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002320.D

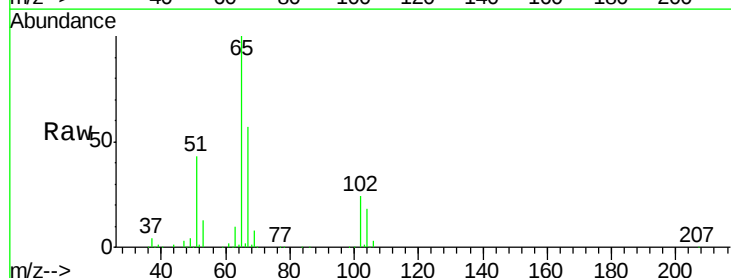
Acq: 14 Apr 2020 19:32

Tgt Ion: 65 Resp: 80130

Ion Ratio Lower Upper

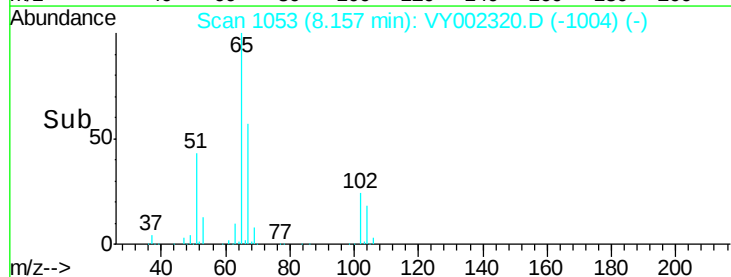
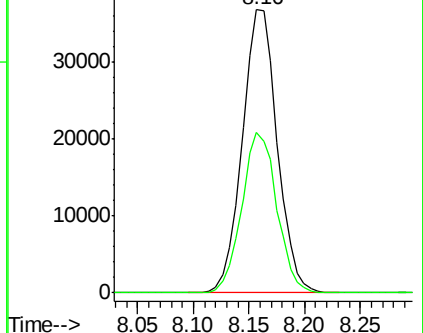
65 100

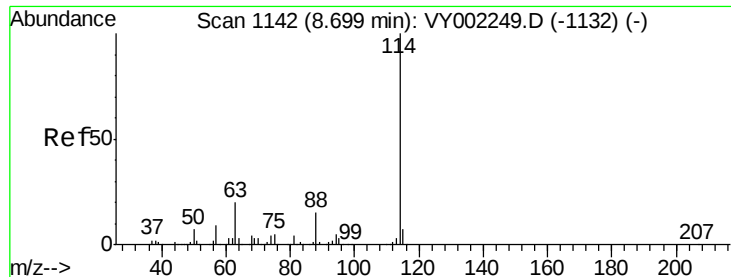
67 56.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

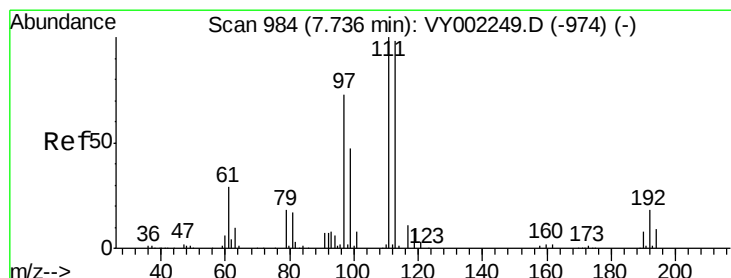
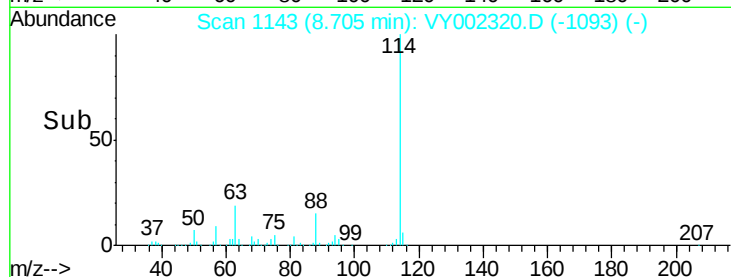
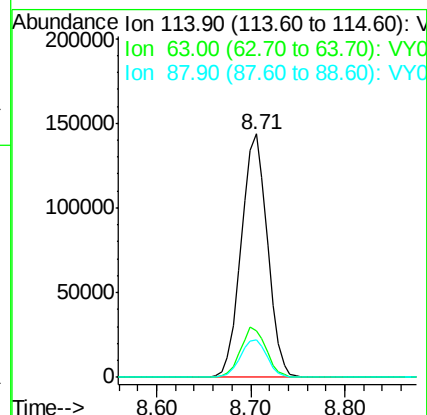
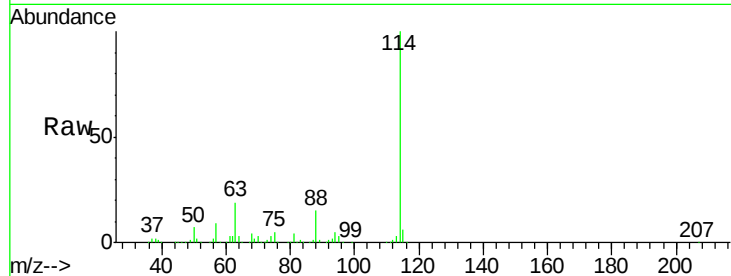




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002320.D
 Acq: 14 Apr 2020 19:32

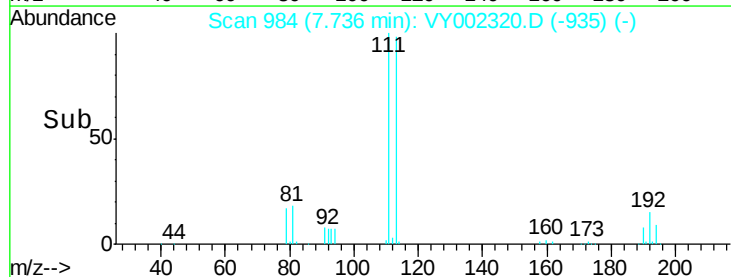
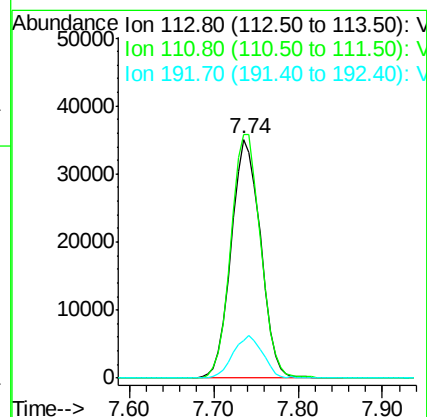
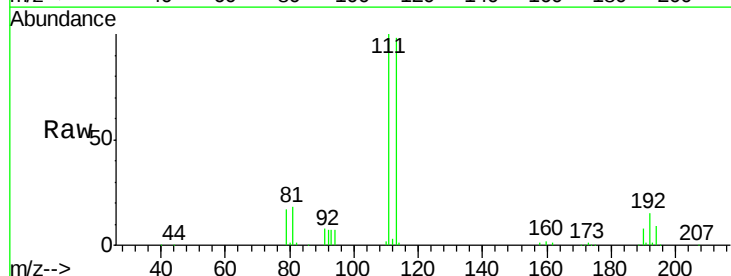
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-19

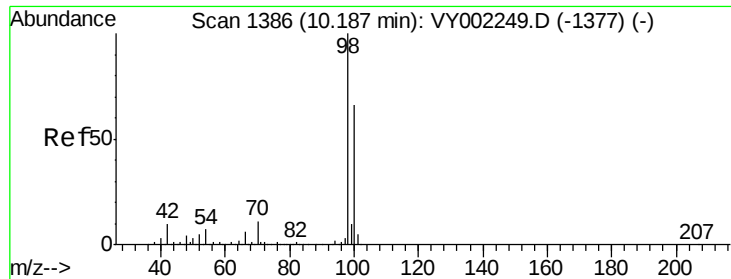
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.3	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 50.220 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002320.D
 Acq: 14 Apr 2020 19:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.5	125.3
192	17.9	14.7	22.1





#50

Toluene-d8

Concen: 47.738 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002320.D

Acq: 14 Apr 2020 19:32

Instrument :

MSVOA_Y

ClientSampled :

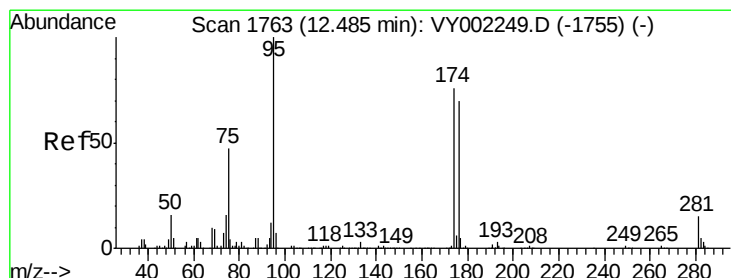
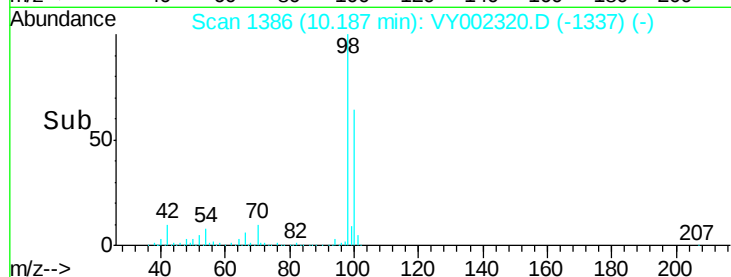
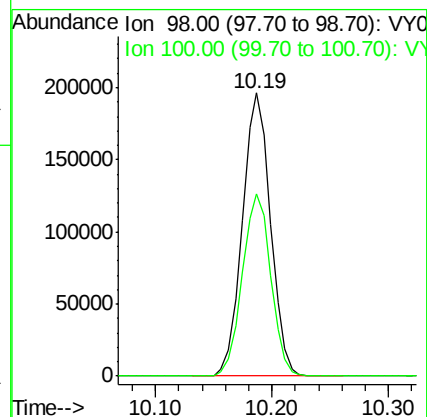
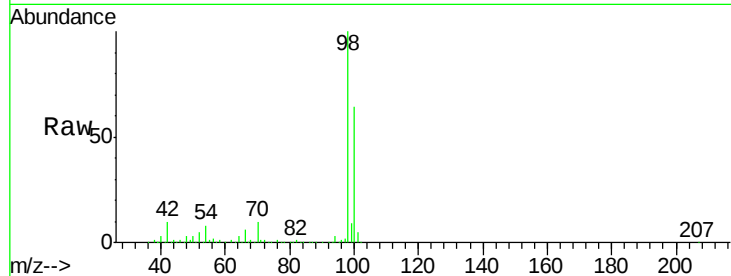
TP-19

Tot Ion: 98 Resp: 330646

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 42.024 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002320.D

Acq: 14 Apr 2020 19:32

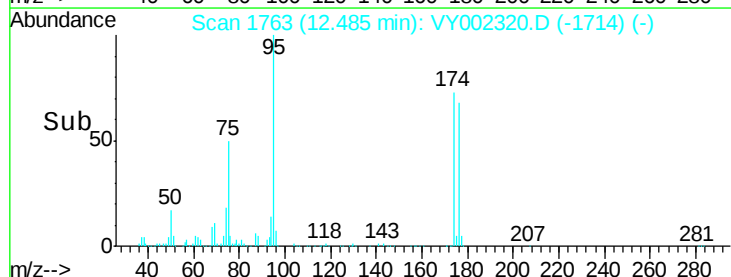
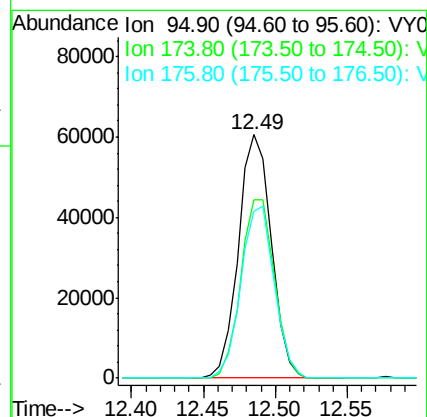
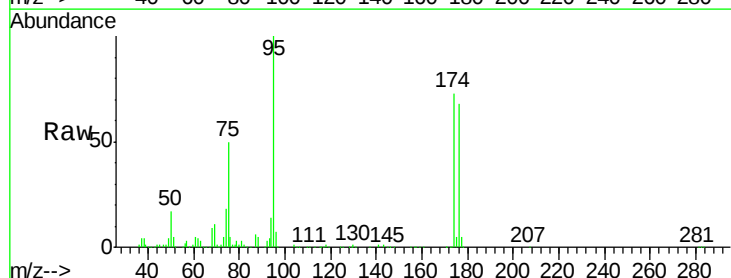
Tgt Ion: 95 Resp: 96028

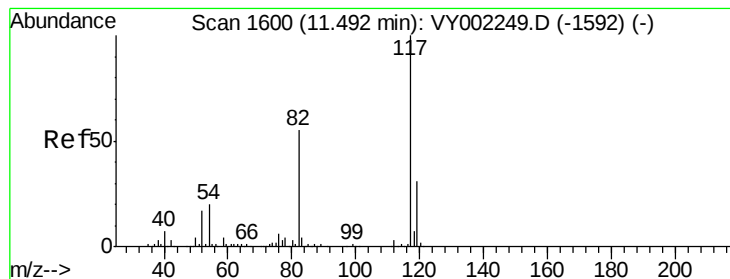
Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

176 71.6 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: VY002320.D

Acq: 14 Apr 2020 19:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-19

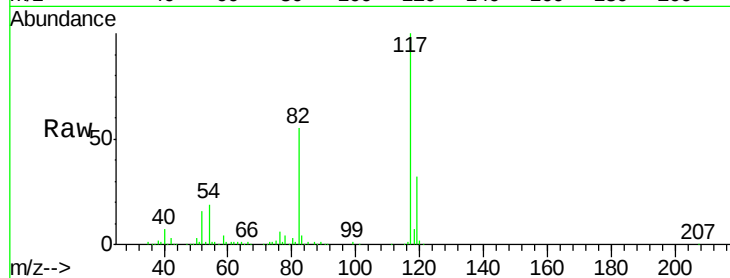
Tot Ion:117 Resp: 237483

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.4

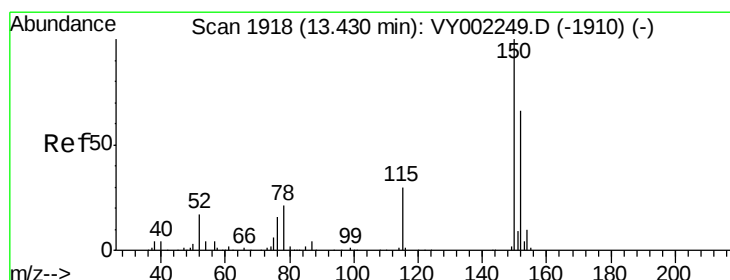
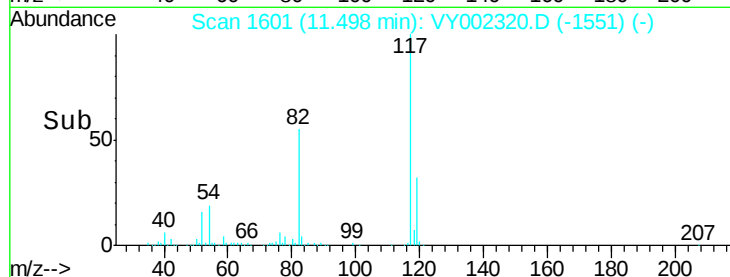
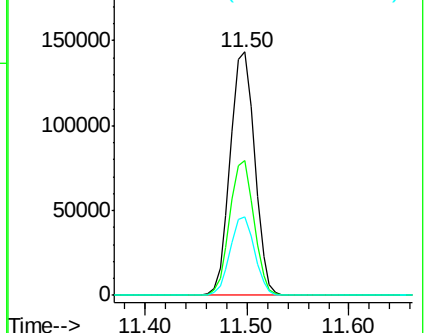
119 32.5 25.1 37.7



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: VY002320.D

Acq: 14 Apr 2020 19:32

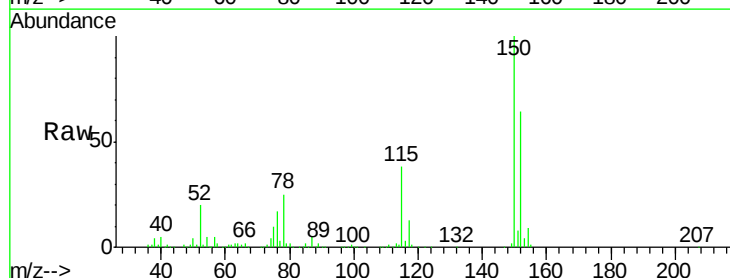
Tgt Ion:152 Resp: 84619

Ion Ratio Lower Upper

152 100

115 59.1 30.7 92.1

150 157.5 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

