

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002305.D
 Acq On : 14 Apr 2020 13:57
 Operator : SY/MD
 Sample : L2230-35
 Misc : 6.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-41

Quant Time: Apr 15 06:17:06 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

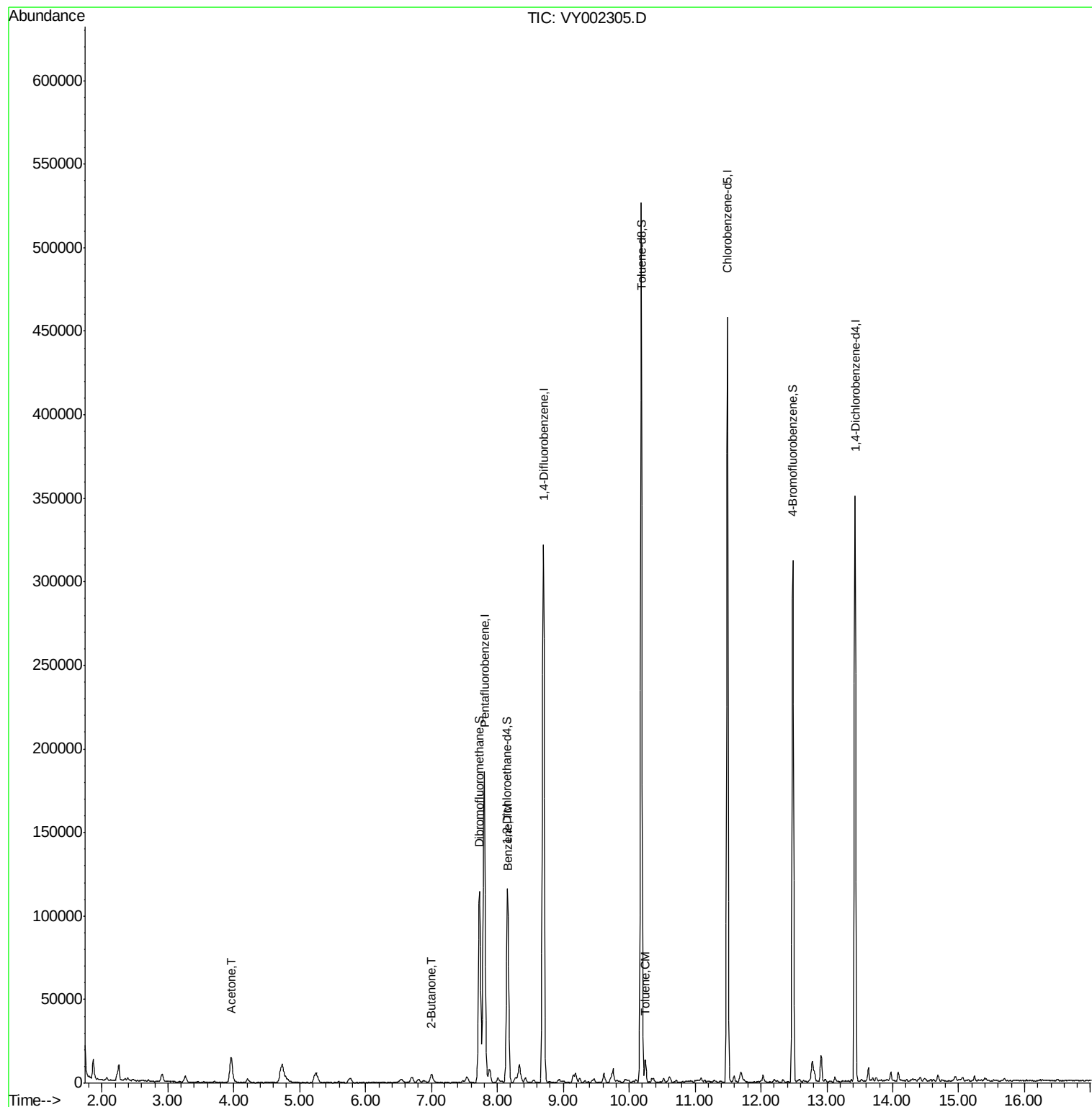
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	143182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	285829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	90302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79382	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	7.73	113	84288	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	10.18	98	344150	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.49	95	101589	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
16) Acetone	3.97	43	23225	55.379	ug/l	98
25) 2-Butanone	7.00	43	7112	10.716	ug/l #	86
40) Benzene	8.17	78	15573	1.823	ug/l	93
52) Toluene	10.25	92	5826	1.132	ug/l	99

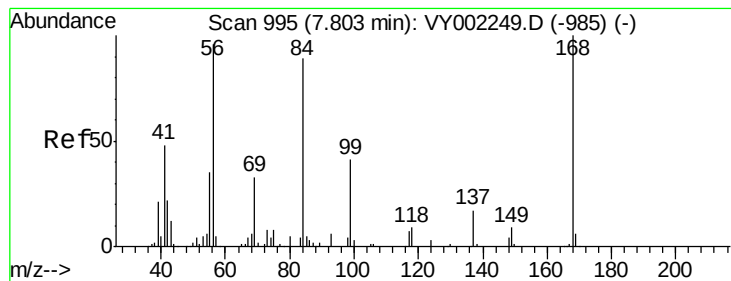
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002305.D

Acq: 14 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

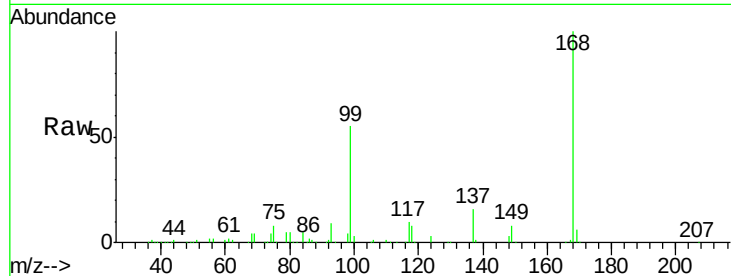
TP-41

Tot Ion:168 Resp: 143182

Ion Ratio Lower Upper

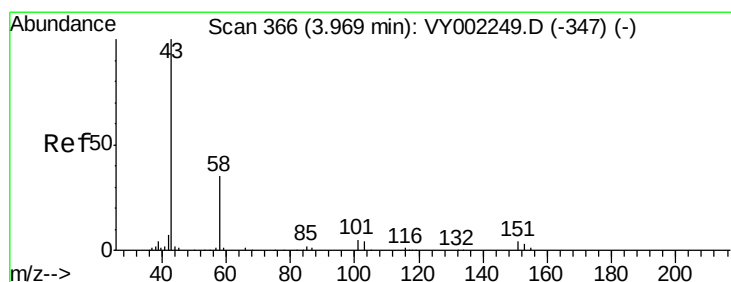
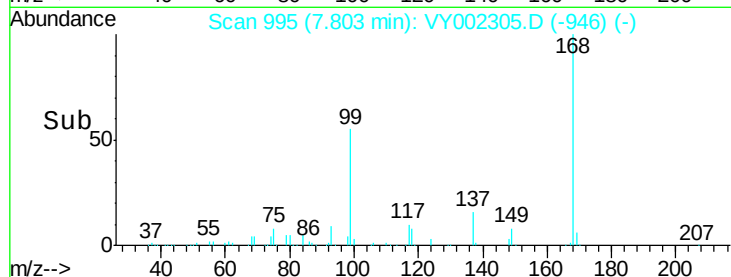
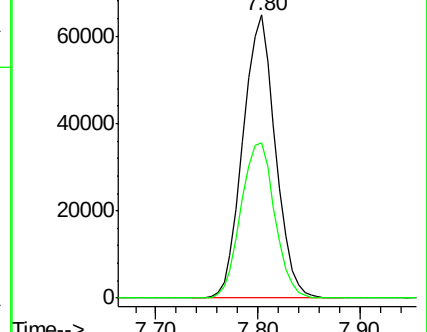
168 100

99 54.8 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) (-)



#16

Acetone

Concen: 55.379 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002305.D

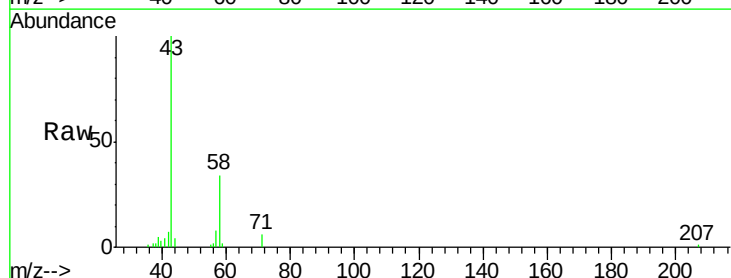
Acq: 14 Apr 2020 13:57

Tgt Ion: 43 Resp: 23225

Ion Ratio Lower Upper

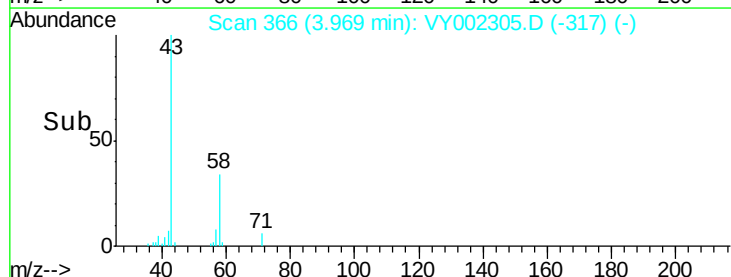
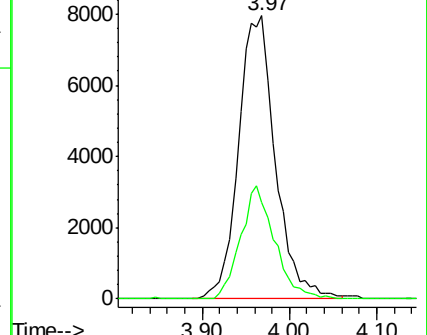
43 100

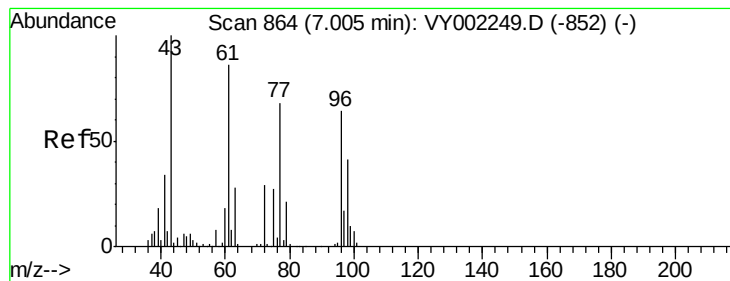
58 34.2 28.5 42.7



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: 10.716 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002305.D

Acq: 14 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

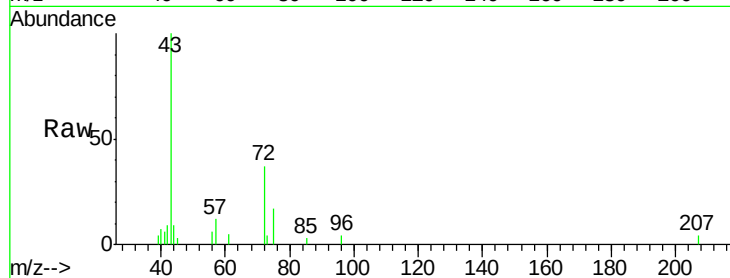
TP-41

Tot Ion: 43 Resp: 7112

Ion Ratio Lower Upper

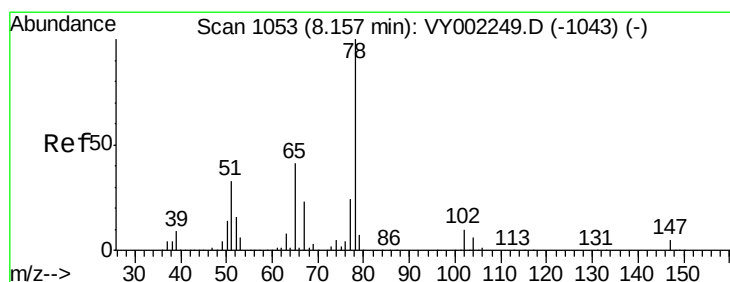
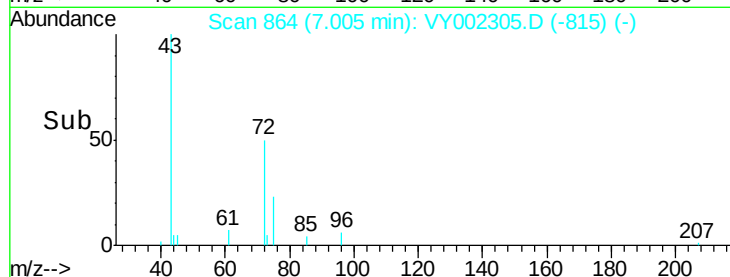
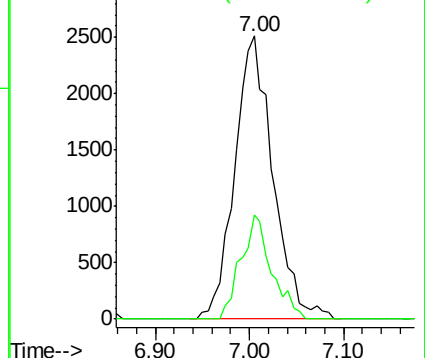
43 100

72 36.6 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: 49.854 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002305.D

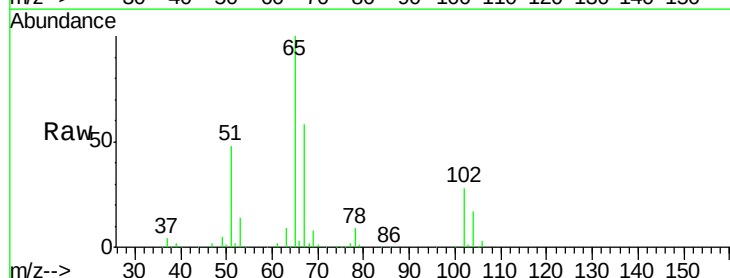
Acq: 14 Apr 2020 13:57

Tgt Ion: 65 Resp: 79382

Ion Ratio Lower Upper

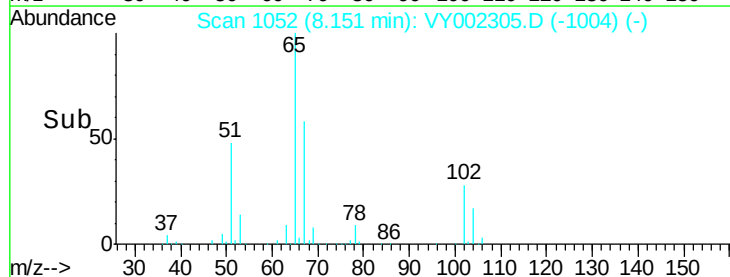
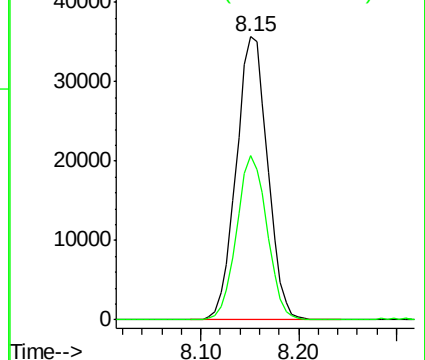
65 100

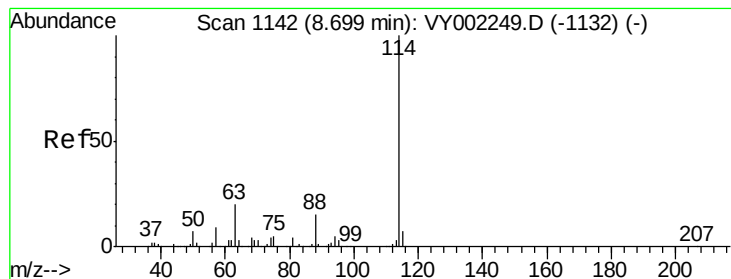
67 56.3 0.0 114.0



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: VY002305.D

Acq: 14 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

TP-41

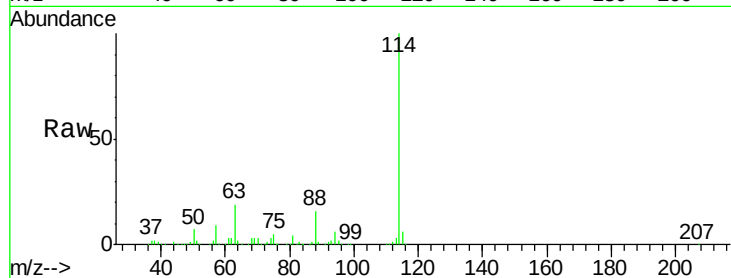
Tot Ion:114 Resp: 285829

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

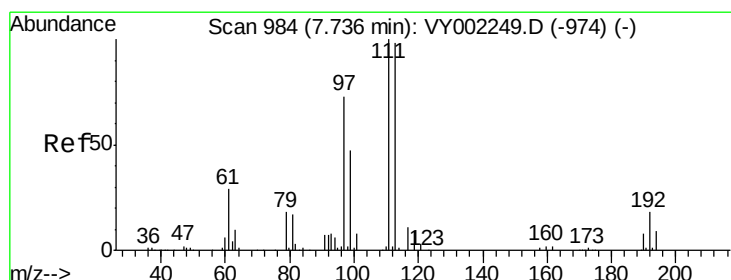
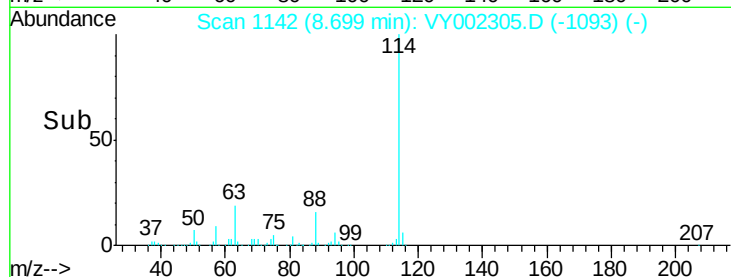
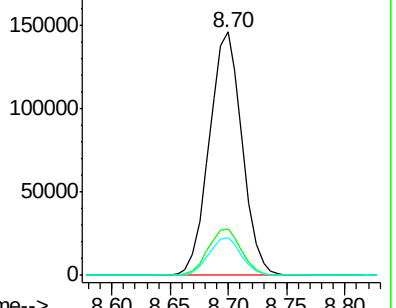
88 15.6 0.0 31.0



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: 49.559 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002305.D

Acq: 14 Apr 2020 13:57

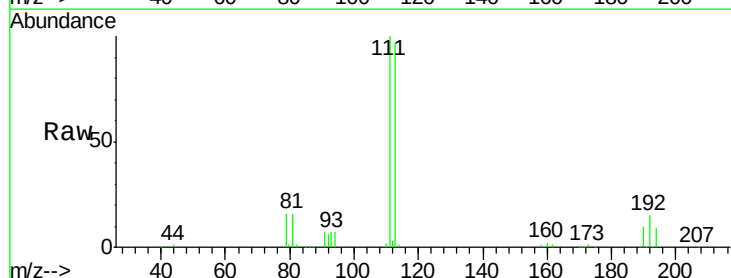
Tgt Ion:113 Resp: 84288

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

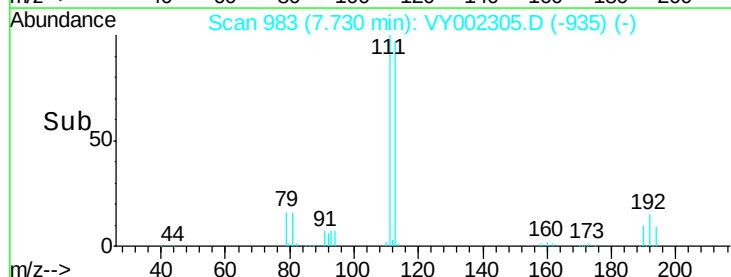
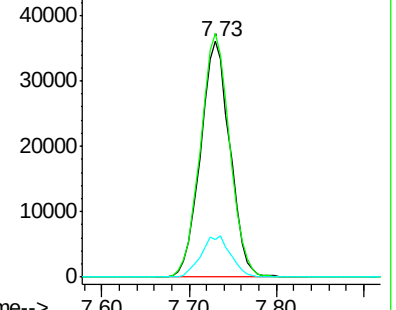
192 17.6 14.7 22.1

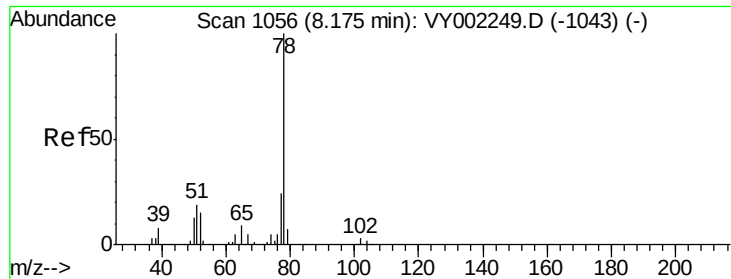


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.823 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY002305.D

Acq: 14 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

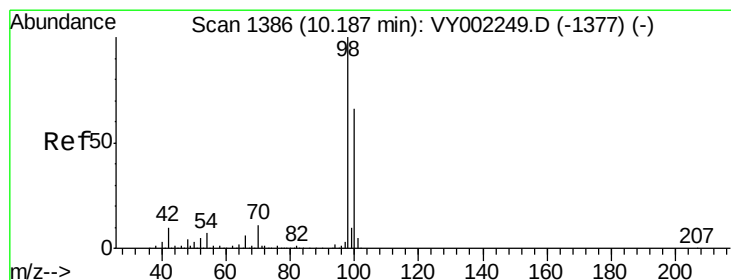
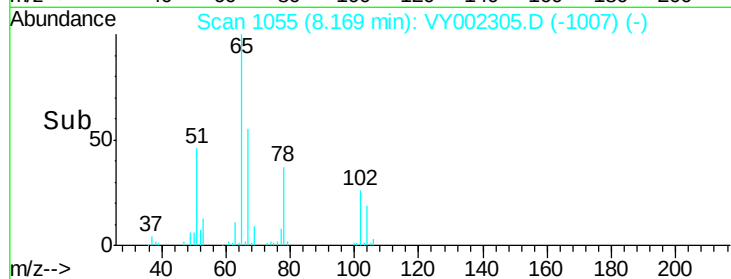
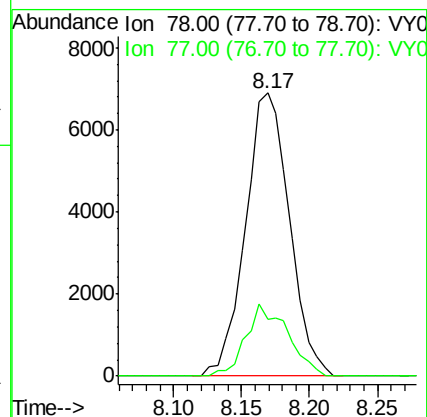
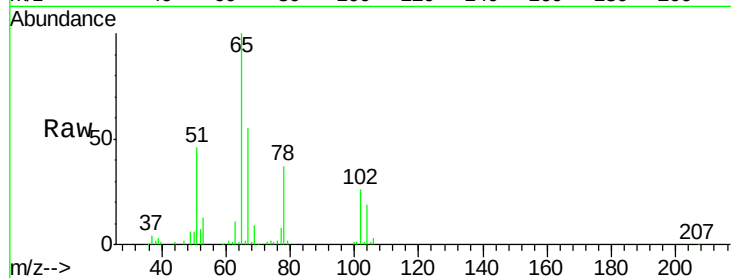
TP-41

Tot Ion: 78 Resp: 15573

Ion Ratio Lower Upper

78 100

77 20.3 18.9 28.3



#50

Toluene-d8

Concen: 48.344 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002305.D

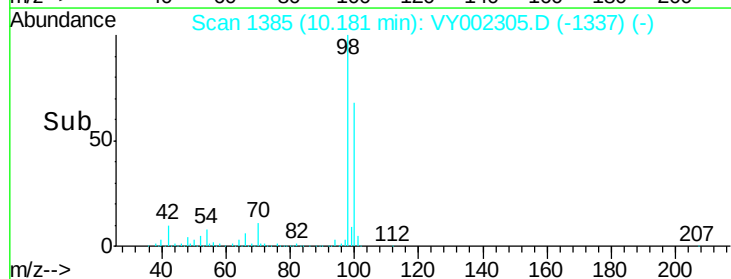
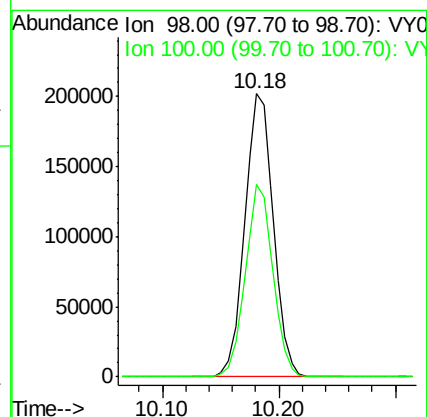
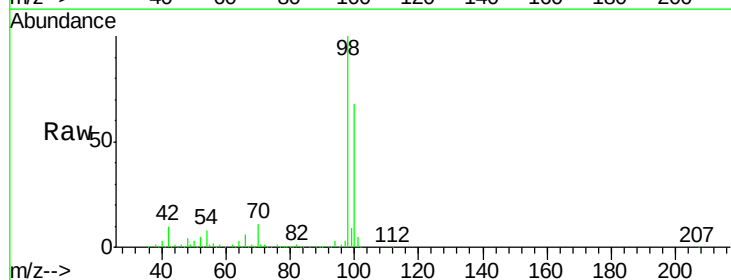
Acq: 14 Apr 2020 13:57

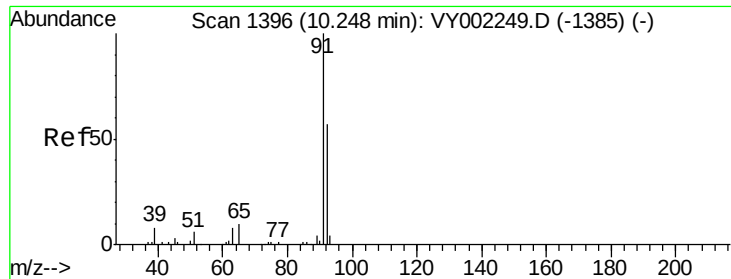
Tgt Ion: 98 Resp: 344150

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8





#52

Toluene

Concen: 1.132 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY002305.D

Acq: 14 Apr 2020 13:57

Instrument :

MSVOA_Y

ClientSampled :

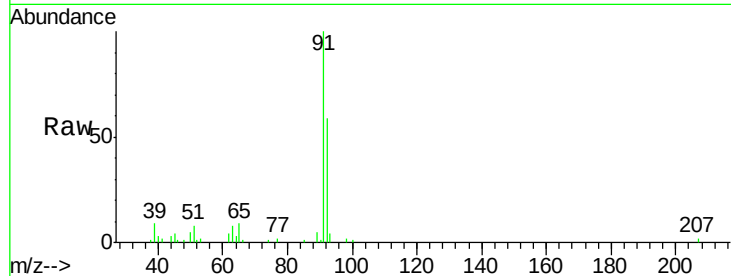
TP-41

Tot Ion: 92 Resp: 5826

Ion Ratio Lower Upper

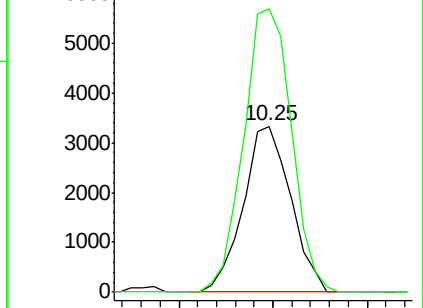
92 100

91 171.9 139.0 208.6

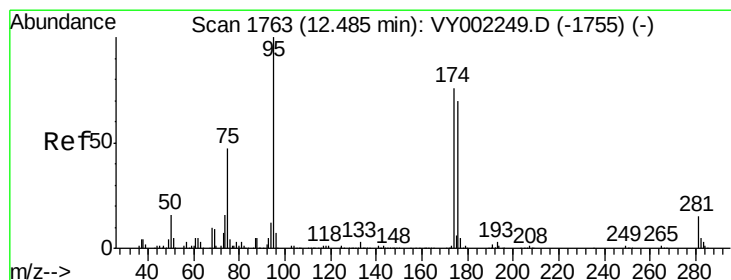
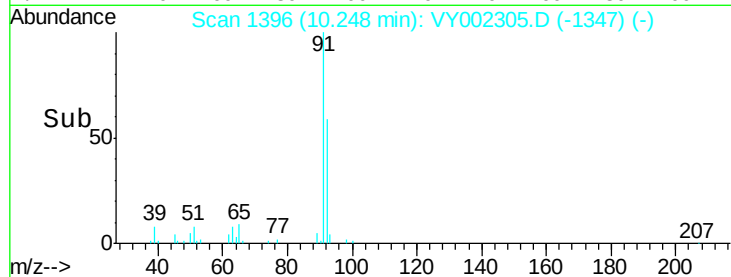


Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 43.256 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002305.D

Acq: 14 Apr 2020 13:57

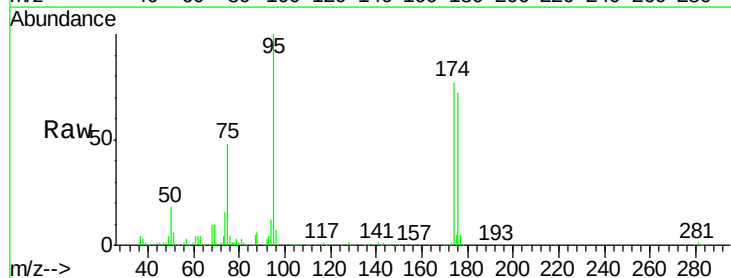
Tgt Ion: 95 Resp: 101589

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.6

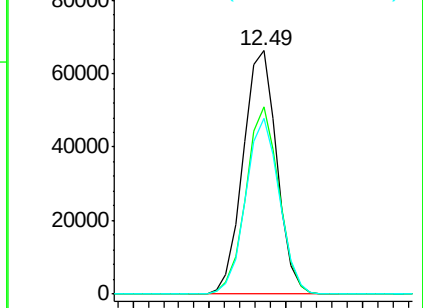
176 72.3 0.0 141.4



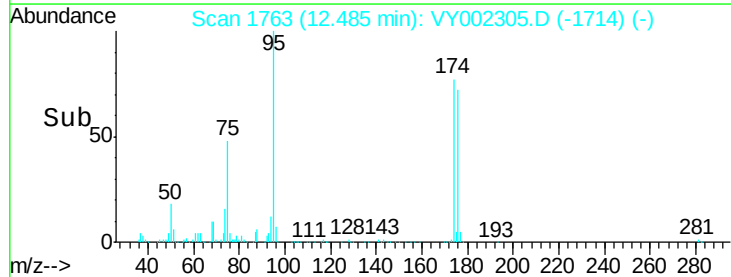
Abundance Ion 94.90 (94.60 to 95.60): VY0

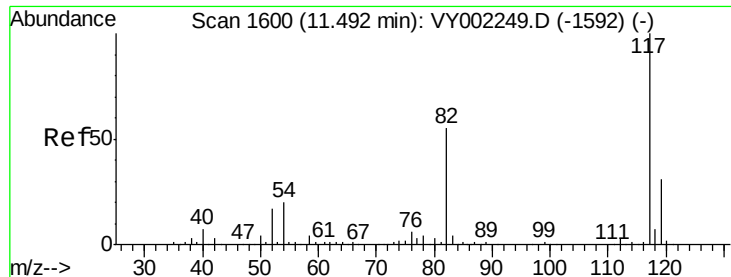
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

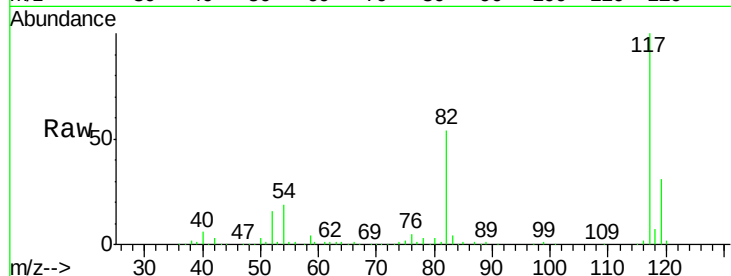




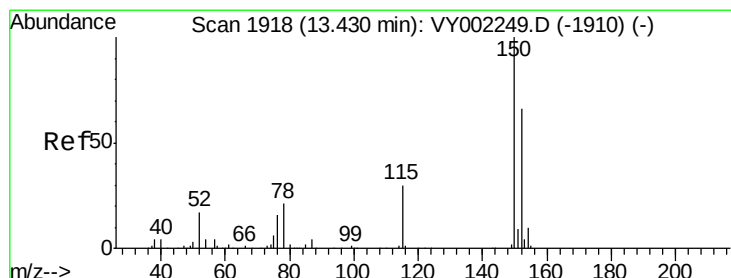
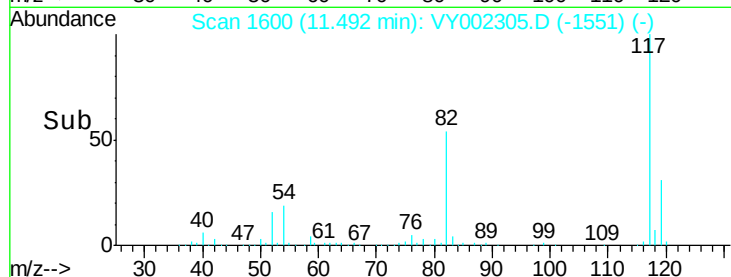
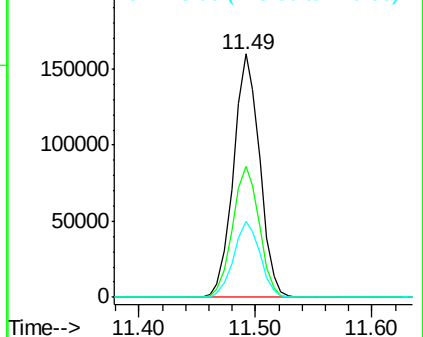
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002305.D
Acq: 14 Apr 2020 13:57

Instrument :
MSVOA_Y
ClientSampled :
TP-41

Tot Ion:117 Resp: 250075
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.4
119 31.3 25.1 37.7

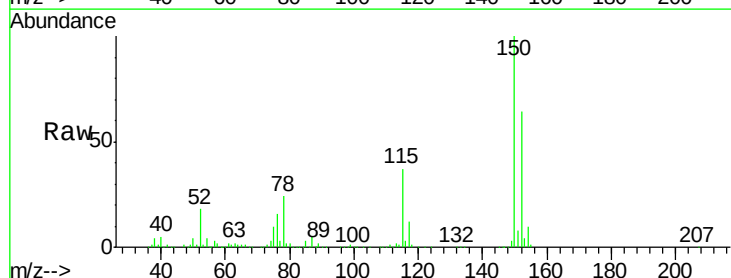


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002305.D
Acq: 14 Apr 2020 13:57

Tgt Ion:152 Resp: 90302
Ion Ratio Lower Upper
152 100
115 59.7 30.7 92.1
150 157.6 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

