

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001938.D
 Acq On : 11 Mar 2020 13:19
 Operator : SY/MD
 Sample : L1871-05RE
 Misc : 8.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-17-(6.5-5.7)RE

Quant Time: Mar 12 09:27:06 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

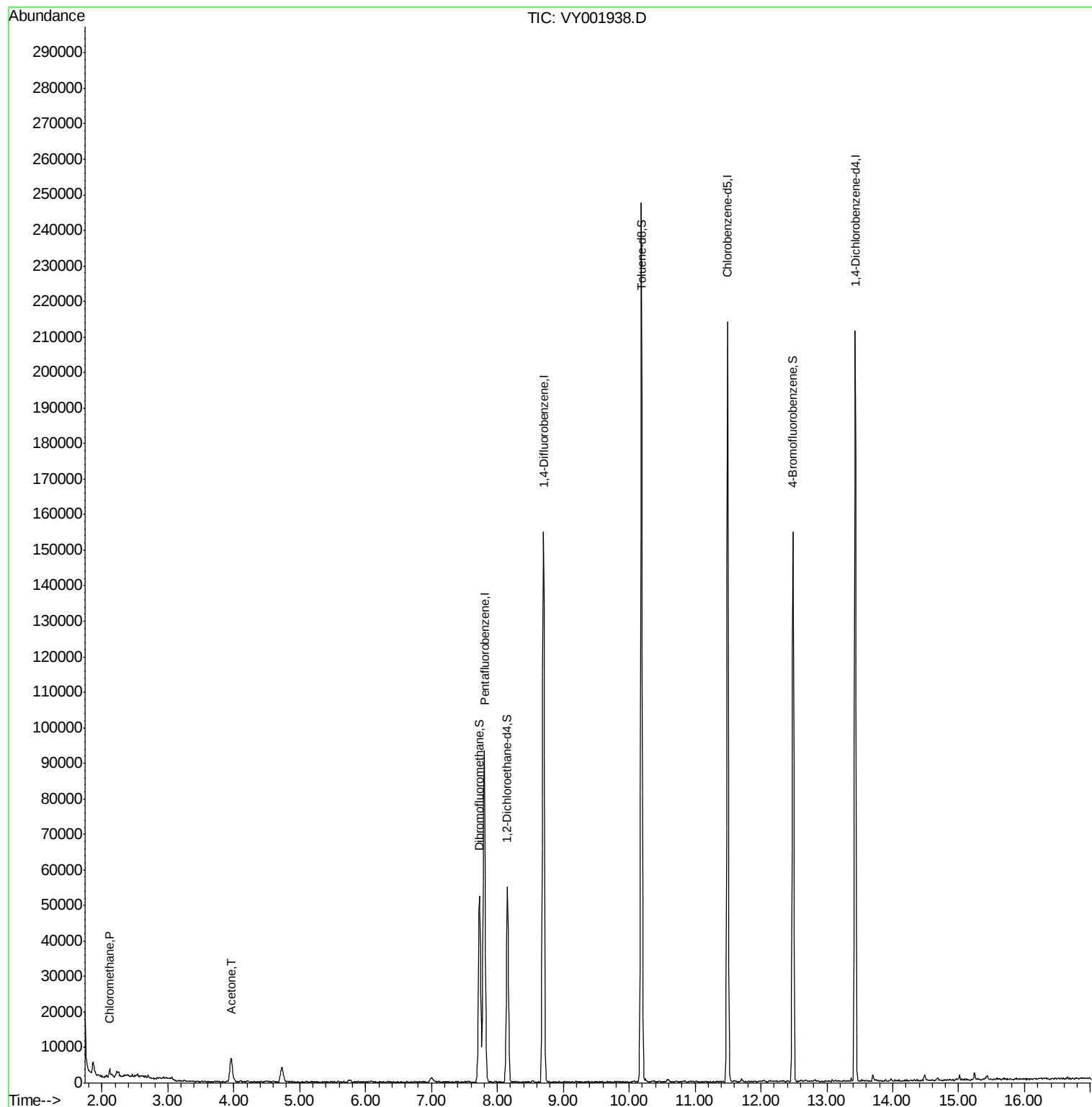
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	70936	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	132010	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	116571	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	49436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	41277	54.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	37964	52.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.19	98	157775	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.49	95	50990	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
3) Chloromethane	2.12	50	1658	1.878	ug/l	92
16) Acetone	3.96	43	11717	53.122	ug/l	94

(#) = 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. -0.01 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

Instrument :

MSVOA_Y

ClientSampleId :

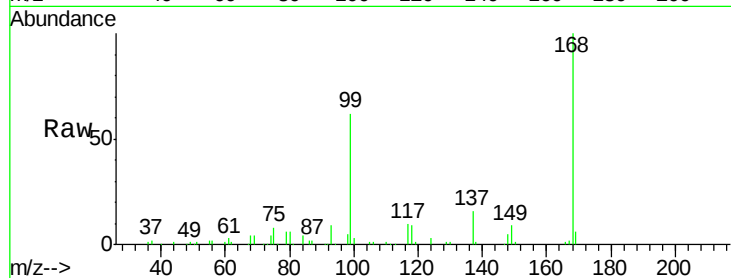
TP-17-(6.5-5.7)RE

Tot Ion:168 Resp: 70936

Ion Ratio Lower Upper

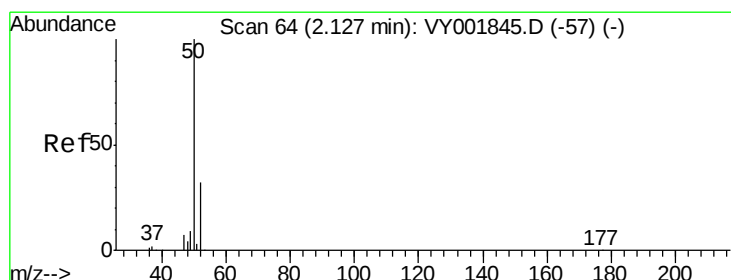
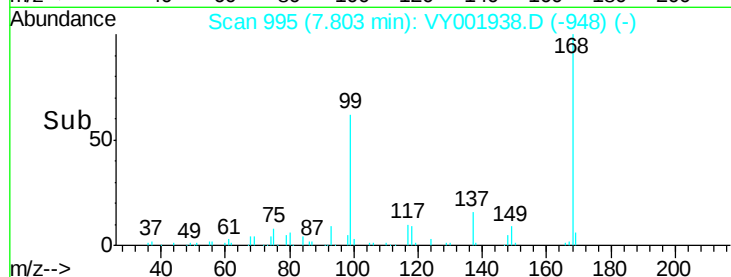
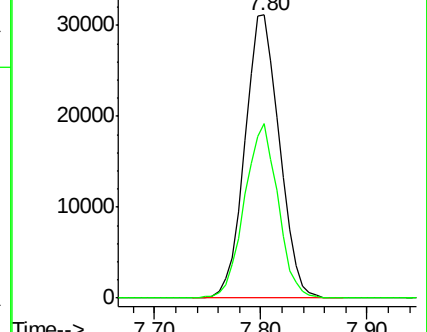
168 100

99 61.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001938.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001938.D (-948) (-)



#3

Chloromethane

Concen: 1.878 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001938.D

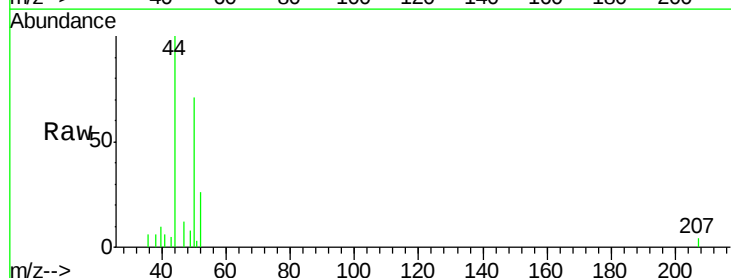
Acq: 11 Mar 2020 13:19

Tgt Ion: 50 Resp: 1658

Ion Ratio Lower Upper

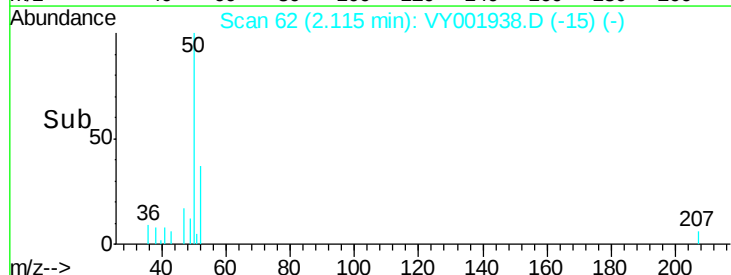
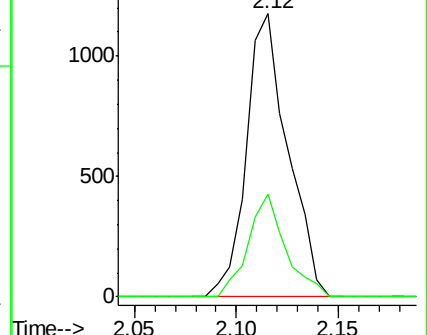
50 100

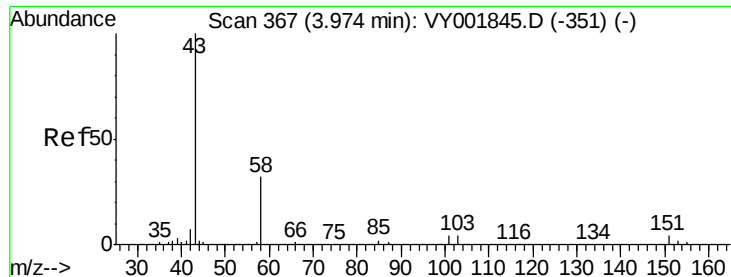
52 36.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001938.D (-15) (-)

Ion 51.90 (51.60 to 52.60): VY001938.D (-15) (-)





#16

Acetone

Concen: 53.122 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

Instrument :

MSVOA_Y

ClientSampleId :

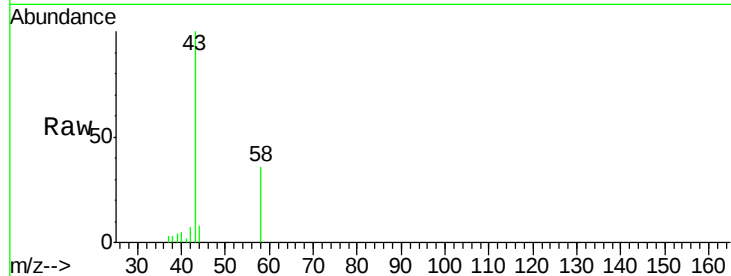
TP-17-(6.5-5.7)RE

Tot Ion: 43 Resp: 11717

Ion Ratio Lower Upper

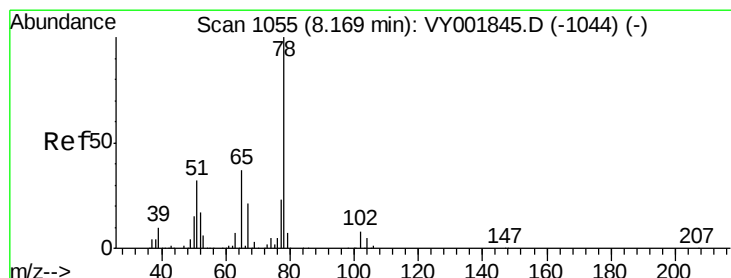
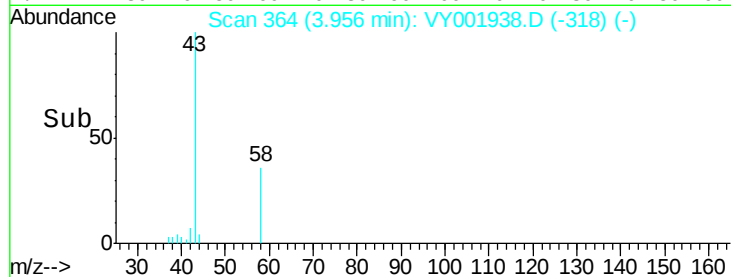
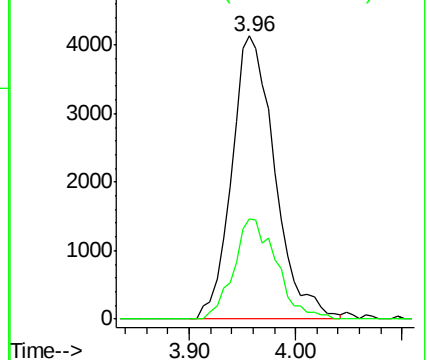
43 100

58 35.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 54.506 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001938.D

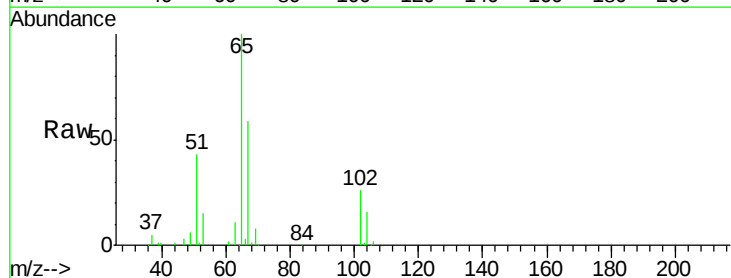
Acq: 11 Mar 2020 13:19

Tgt Ion: 65 Resp: 41277

Ion Ratio Lower Upper

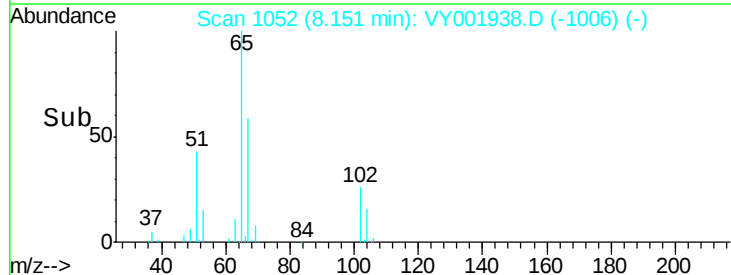
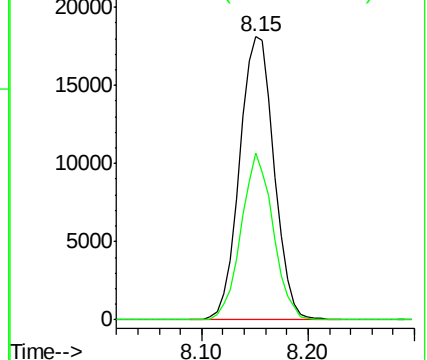
65 100

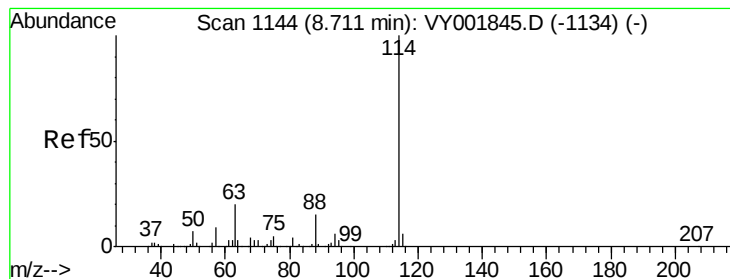
67 54.5 0.0 110.8



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. -0.01 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-17-(6.5-5.7)RE

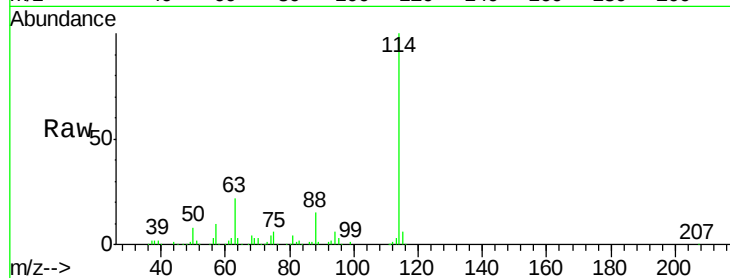
Tot Ion:114 Resp: 132010

Ion Ratio Lower Upper

114 100

63 21.6 0.0 39.4

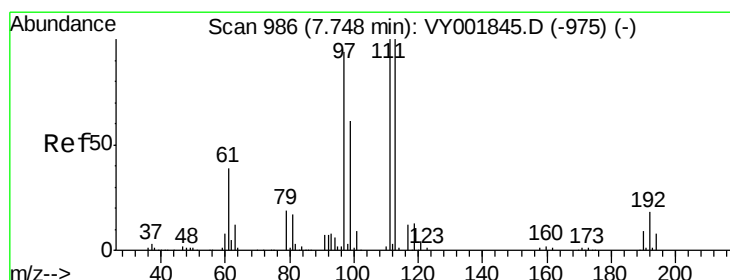
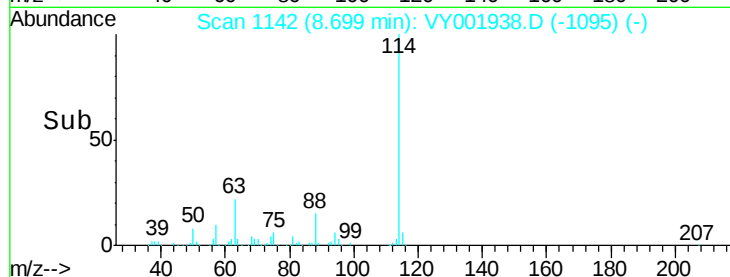
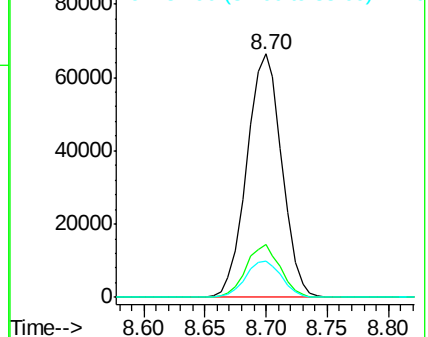
88 15.1 0.0 30.4



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: 52.667 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

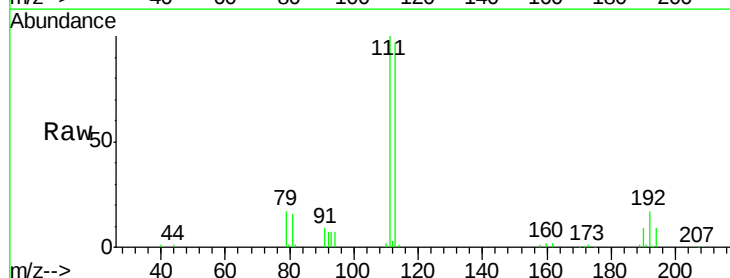
Tgt Ion:113 Resp: 37964

Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.8

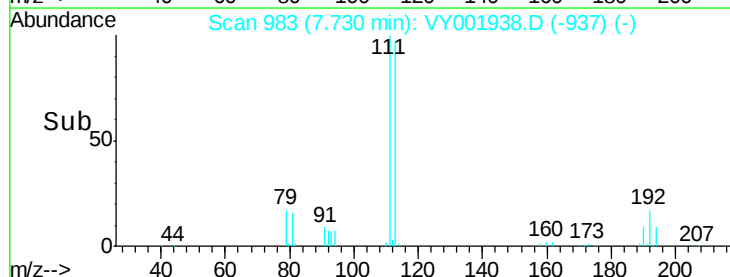
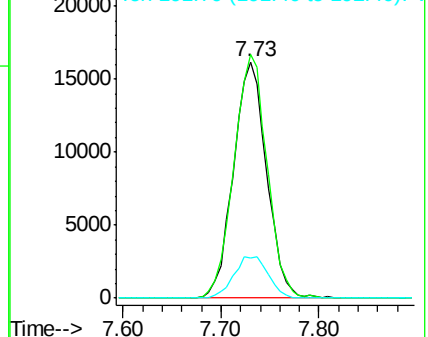
192 18.3 14.2 21.2

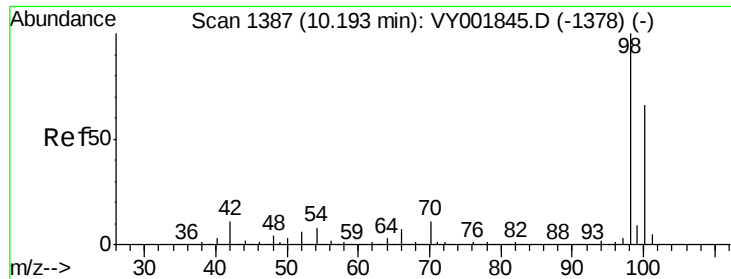


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.906 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

Instrument :

MSVOA_Y

ClientSampleId :

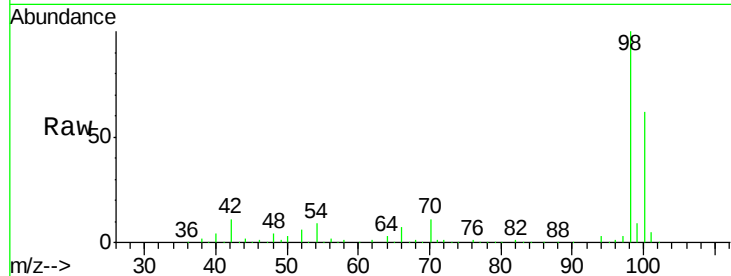
TP-17-(6.5-5.7)RE

Tot Ion: 98 Resp: 157775

Ion Ratio Lower Upper

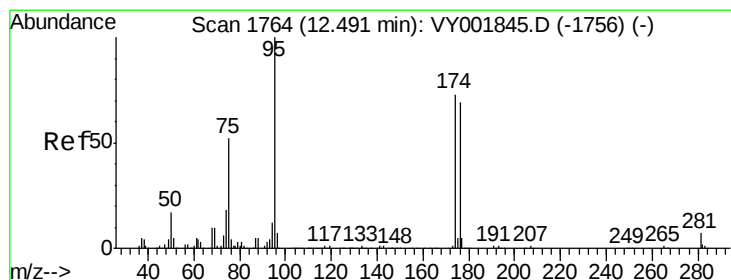
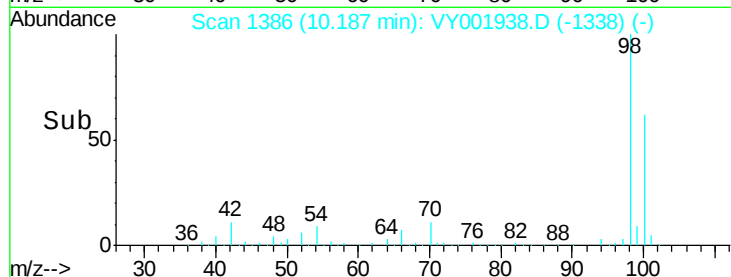
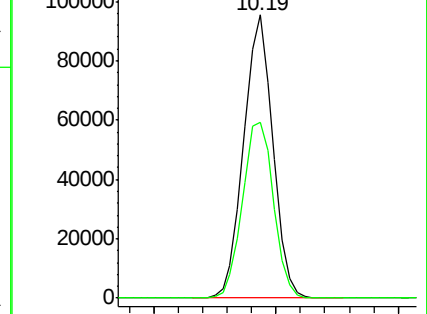
98 100

100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.244 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001938.D

Acq: 11 Mar 2020 13:19

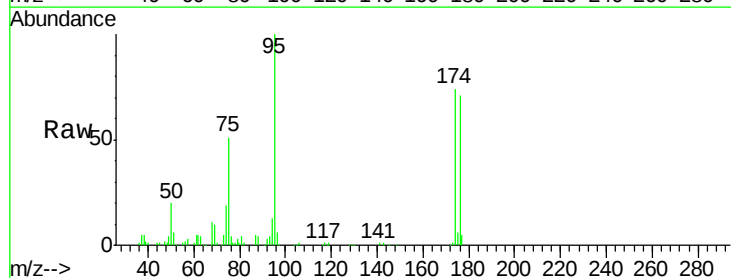
Tgt Ion: 95 Resp: 50990

Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.0

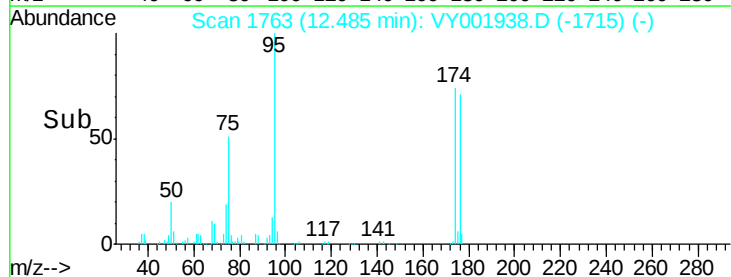
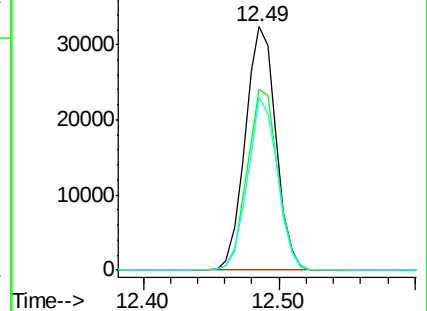
176 69.3 0.0 137.4

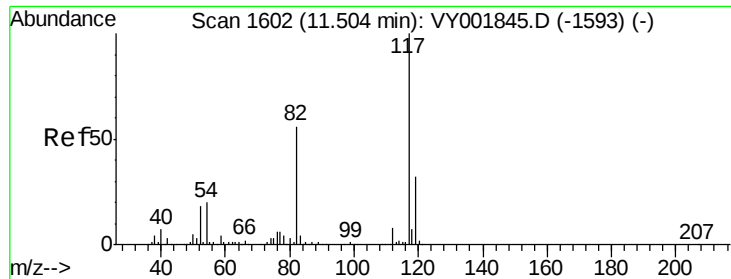


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

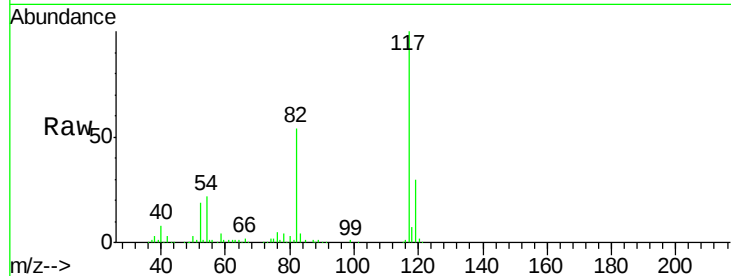




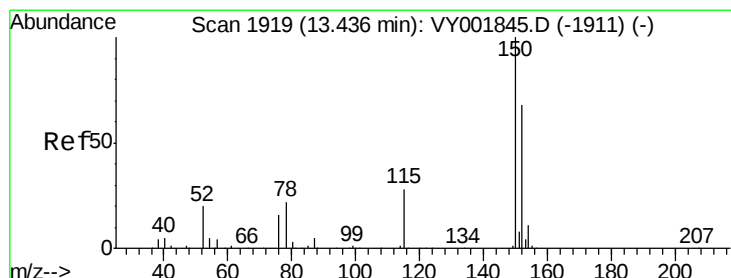
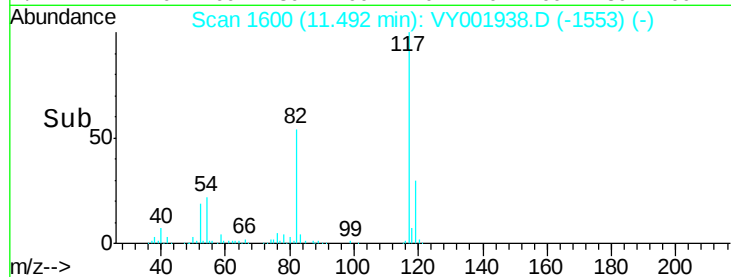
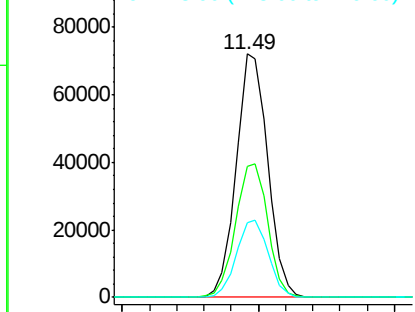
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001938.D
Acq: 11 Mar 2020 13:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-17-(6.5-5.7)RE

Tot Ion:117 Resp: 116571
Ion Ratio Lower Upper
117 100
82 53.6 44.5 66.7
119 30.4 25.7 38.5

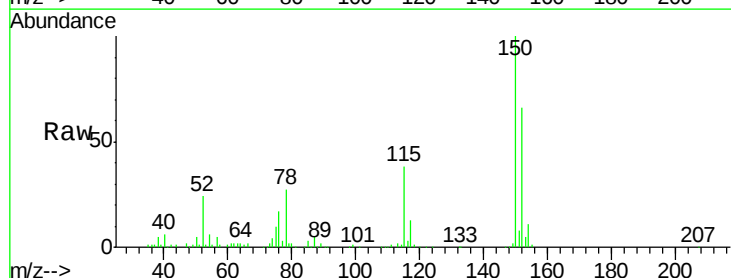


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001938.D
Acq: 11 Mar 2020 13:19

Tgt Ion:152 Resp: 49436
Ion Ratio Lower Upper
152 100
115 61.2 29.9 89.7
150 156.3 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

