

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001922.D
 Acq On : 10 Mar 2020 14:28
 Operator : SY/MD
 Sample : L1852-14RE
 Misc : 5.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-S2RE

Quant Time: Mar 11 05:21:46 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

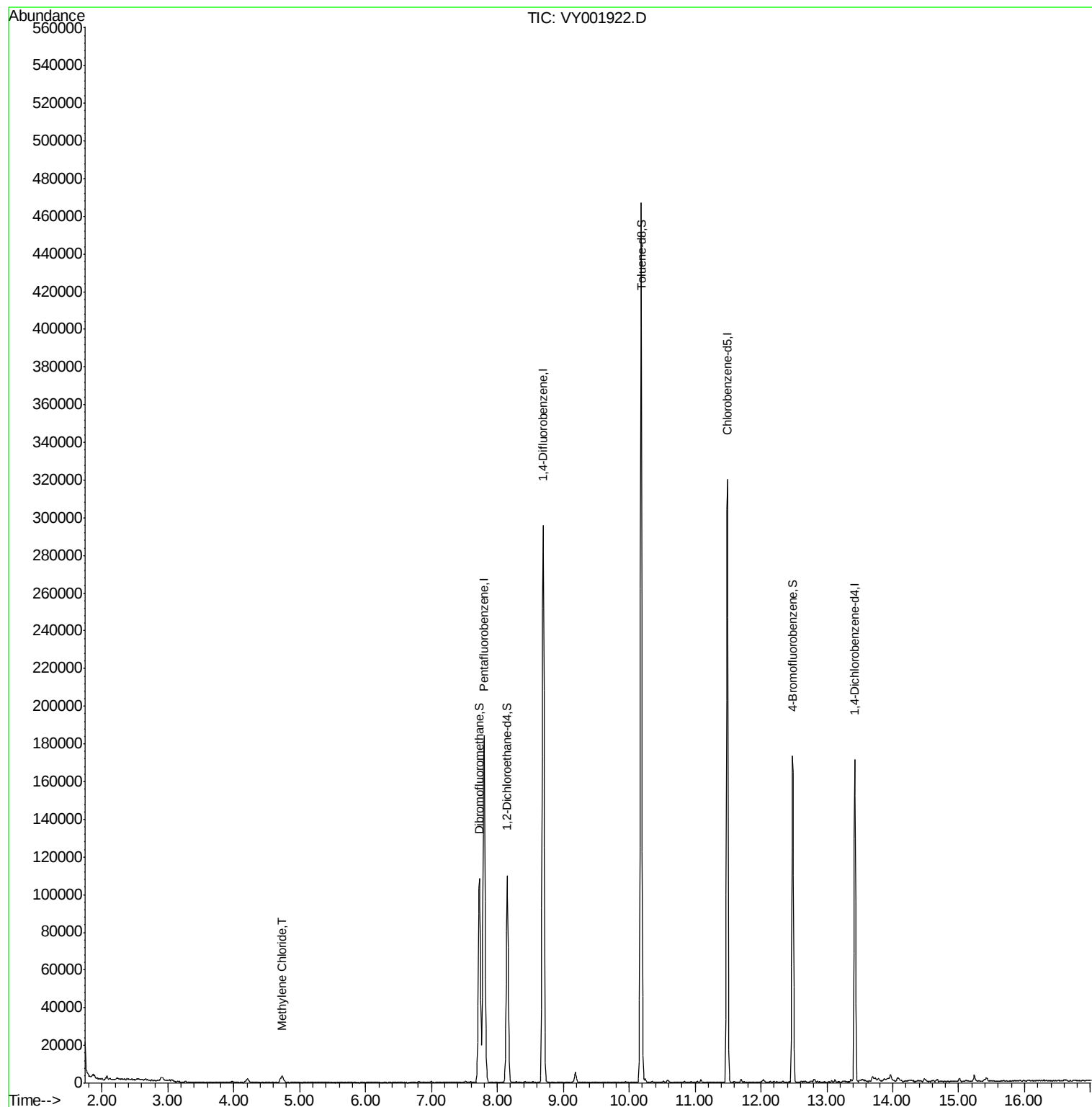
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	140058	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	252910	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	171185	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	40925	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	80530	53.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.73	113	77286	55.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.92%	
50) Toluene-d8	10.18	98	295120	50.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.48	95	56985	28.14	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	56.28%	
Target Compounds						
20) Methylene Chloride	4.73	84	2543	1.362	ug/l #	84

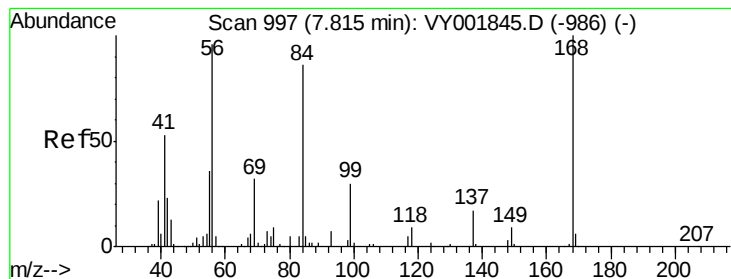
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

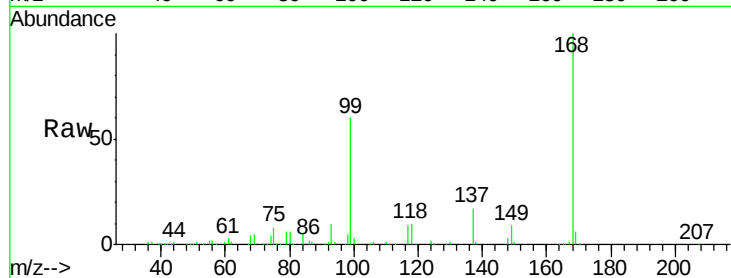
TP-3-S2RE

Tot Ion:168 Resp: 140058

Ion Ratio Lower Upper

168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

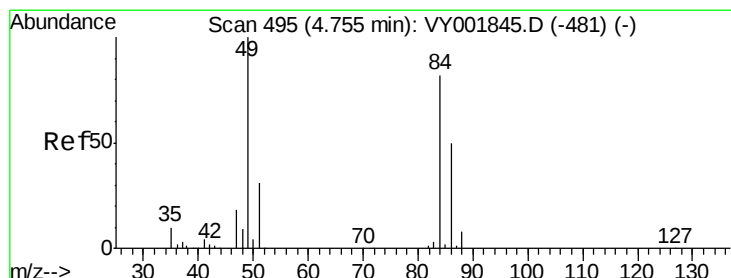
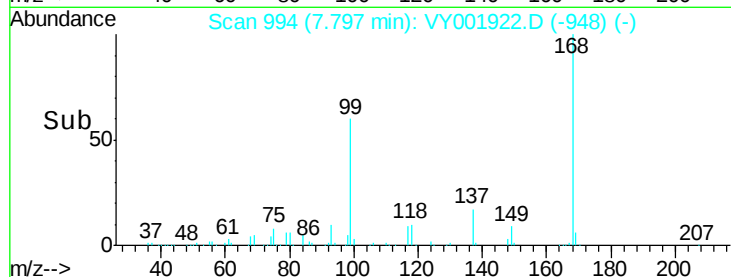
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.362 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Tgt Ion: 84 Resp: 2543

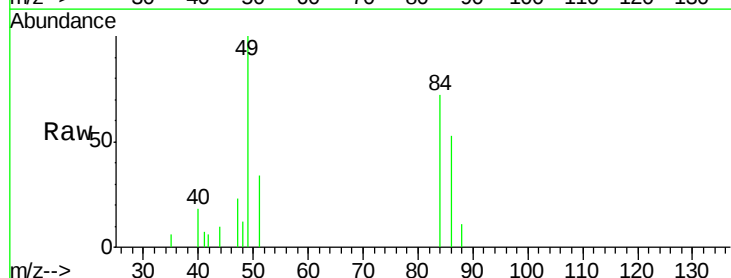
Ion Ratio Lower Upper

84 100

49 139.5 98.2 147.2

51 47.1 30.2 45.2#

86 73.8 48.9 73.3#



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

4.73

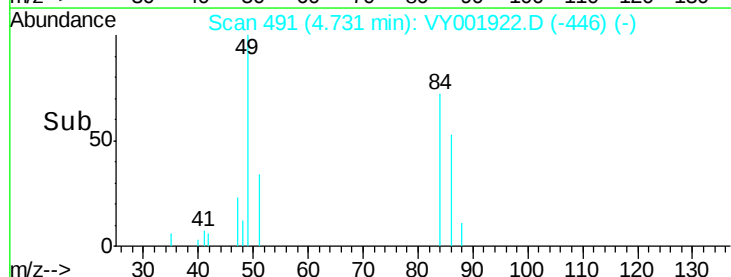
1500

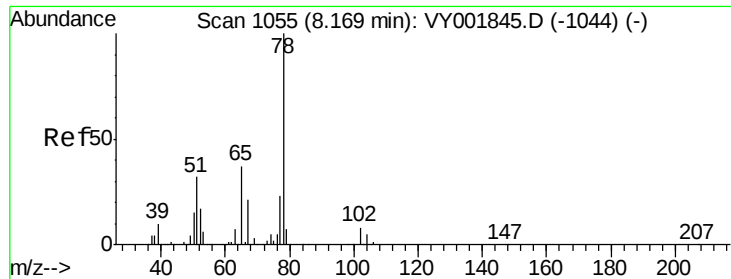
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.859 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

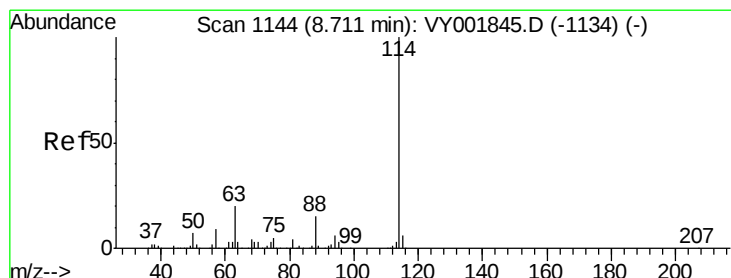
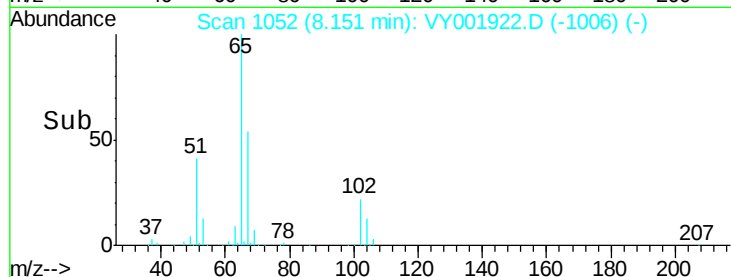
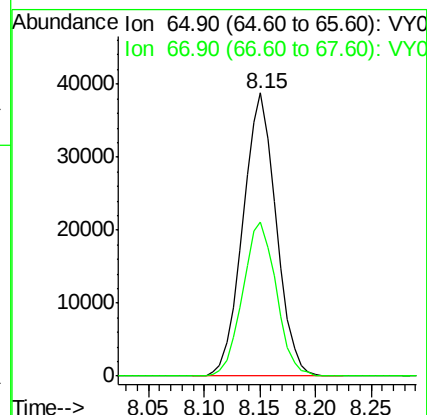
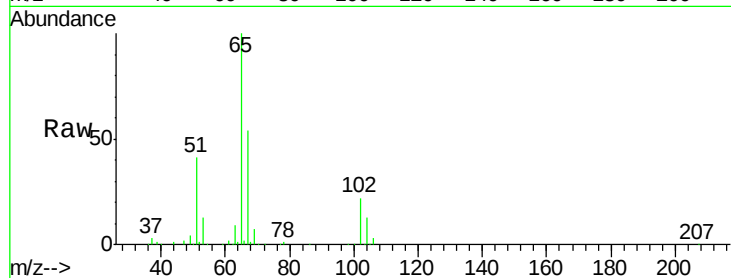
TP-3-S2RE

Tot Ion: 65 Resp: 80530

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

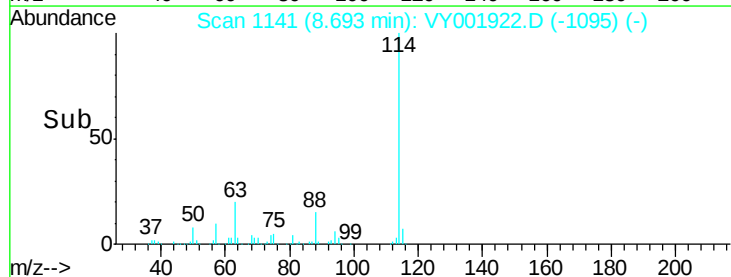
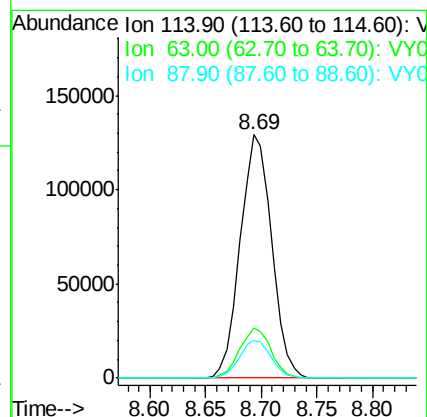
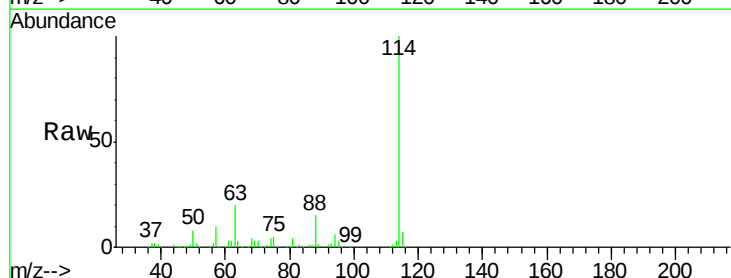
Tgt Ion: 114 Resp: 252910

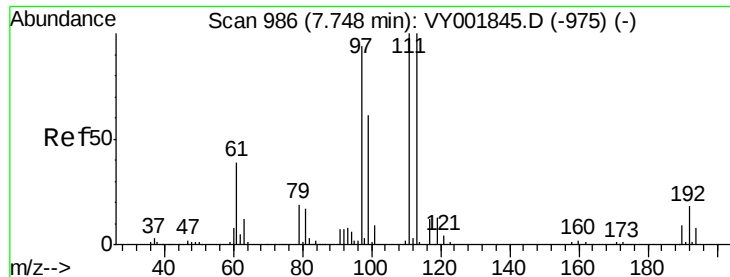
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.964 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-S2RE

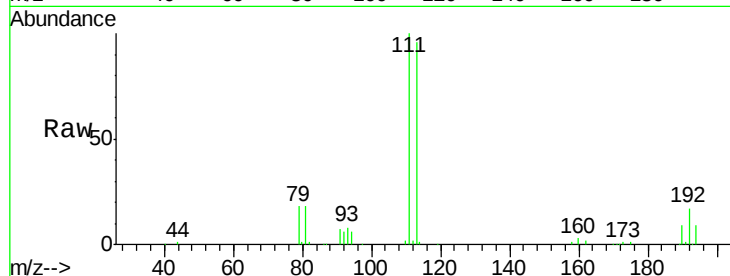
Tot Ion:113 Resp: 77286

Ion Ratio Lower Upper

113 100

111 105.4 81.8 122.8

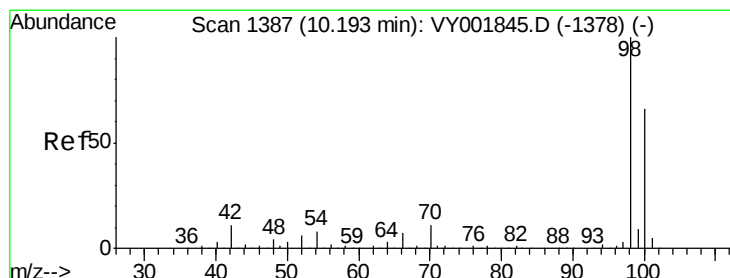
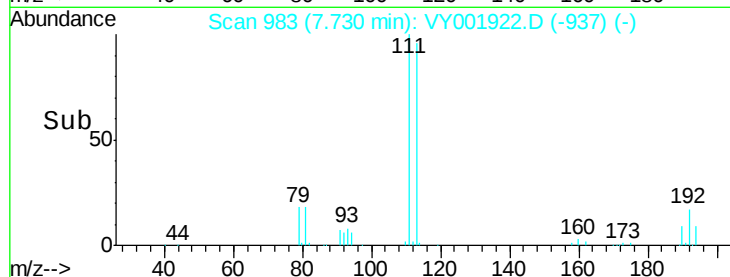
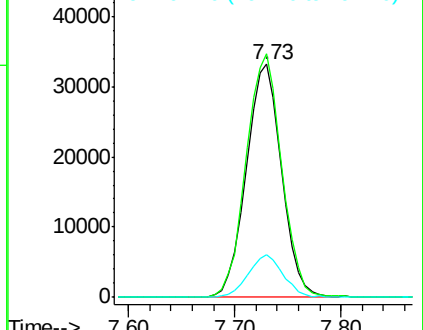
192 18.2 14.2 21.2



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: 50.678 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001922.D

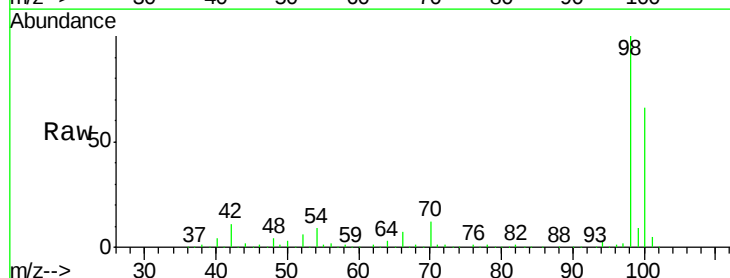
Acq: 10 Mar 2020 14:28

Tgt Ion: 98 Resp: 295120

Ion Ratio Lower Upper

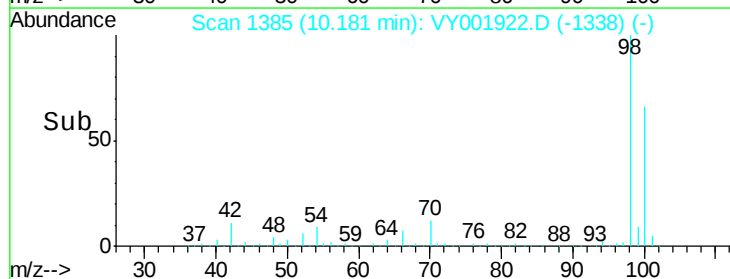
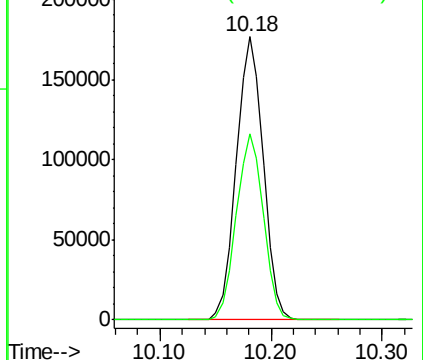
98 100

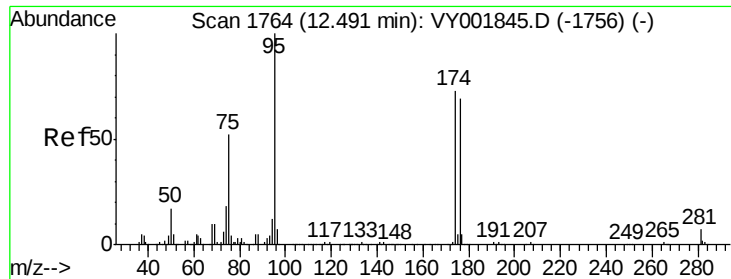
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

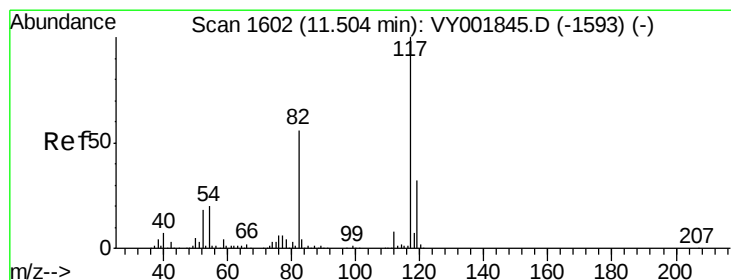
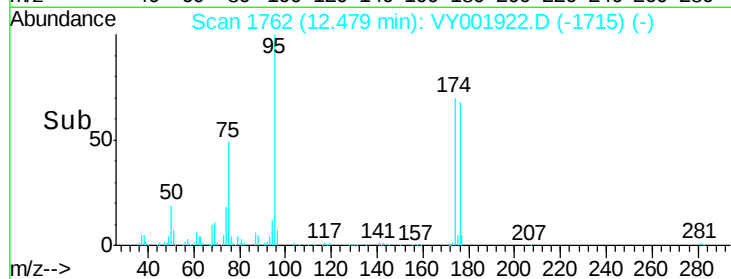
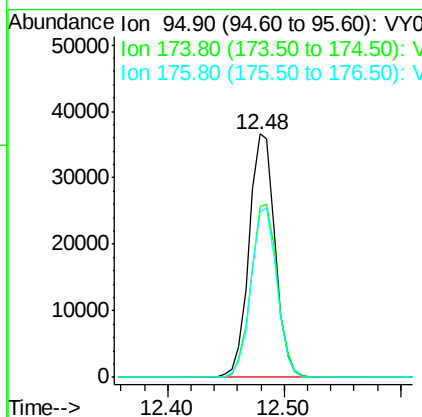
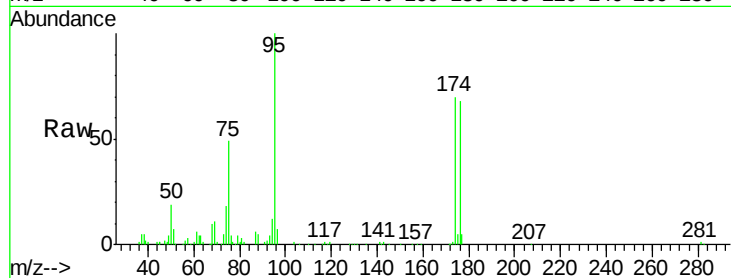




#62
4-Bromofluorobenzene
Concen: 28.142 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

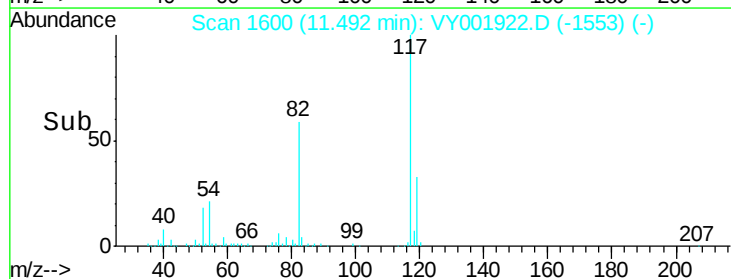
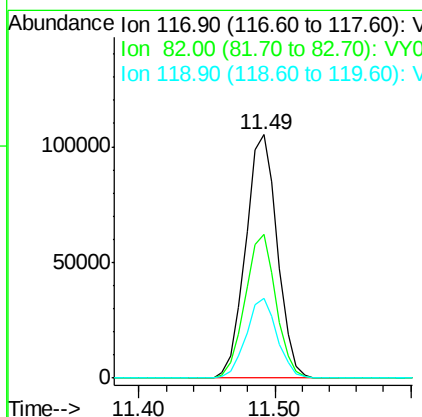
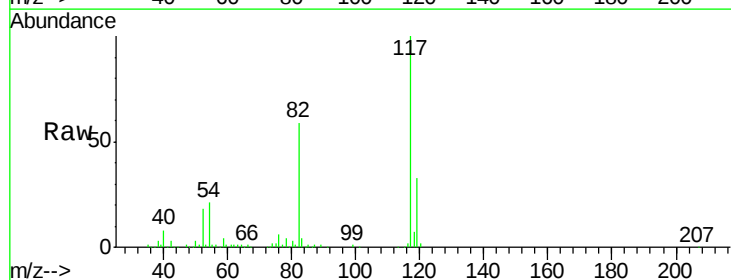
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-S2RE

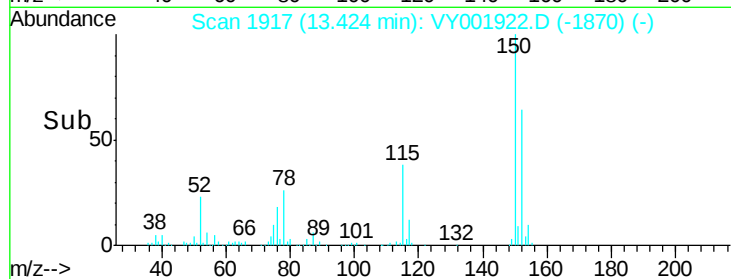
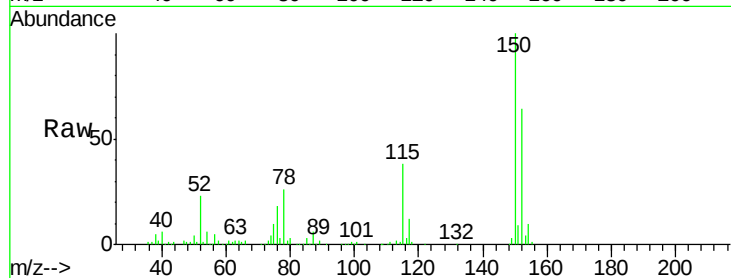
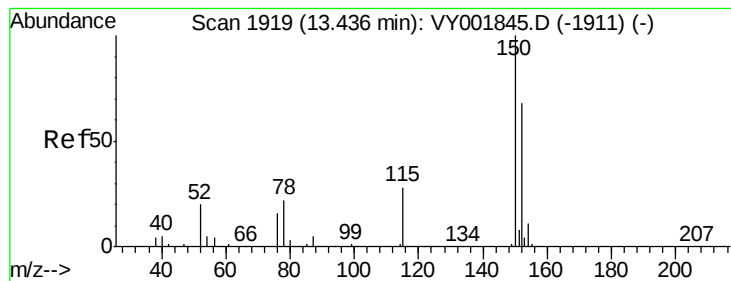
Tot Ion	95	Resp	56985
Ion Ratio	Lower	Upper	
95	100		
174	72.6	0.0	145.0
176	69.5	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001922.D
Acq: 10 Mar 2020 14:28

Tgt Ion	117	Resp	171185
Ion Ratio	Lower	Upper	
117	100		
82	58.8	44.5	66.7
119	32.9	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001922.D

Acq: 10 Mar 2020 14:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-S2RE

Tot Ion:152 Resp: 40925

Ion Ratio Lower Upper

152 100

115 58.2 29.9 89.7

150 155.1 0.0 340.6

