

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001272.D
 Acq On : 17 Jan 2020 17:55
 Operator : SY/MD
 Sample : L1155-04
 Misc : 8.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200052

Quant Time: Jan 18 04:10:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

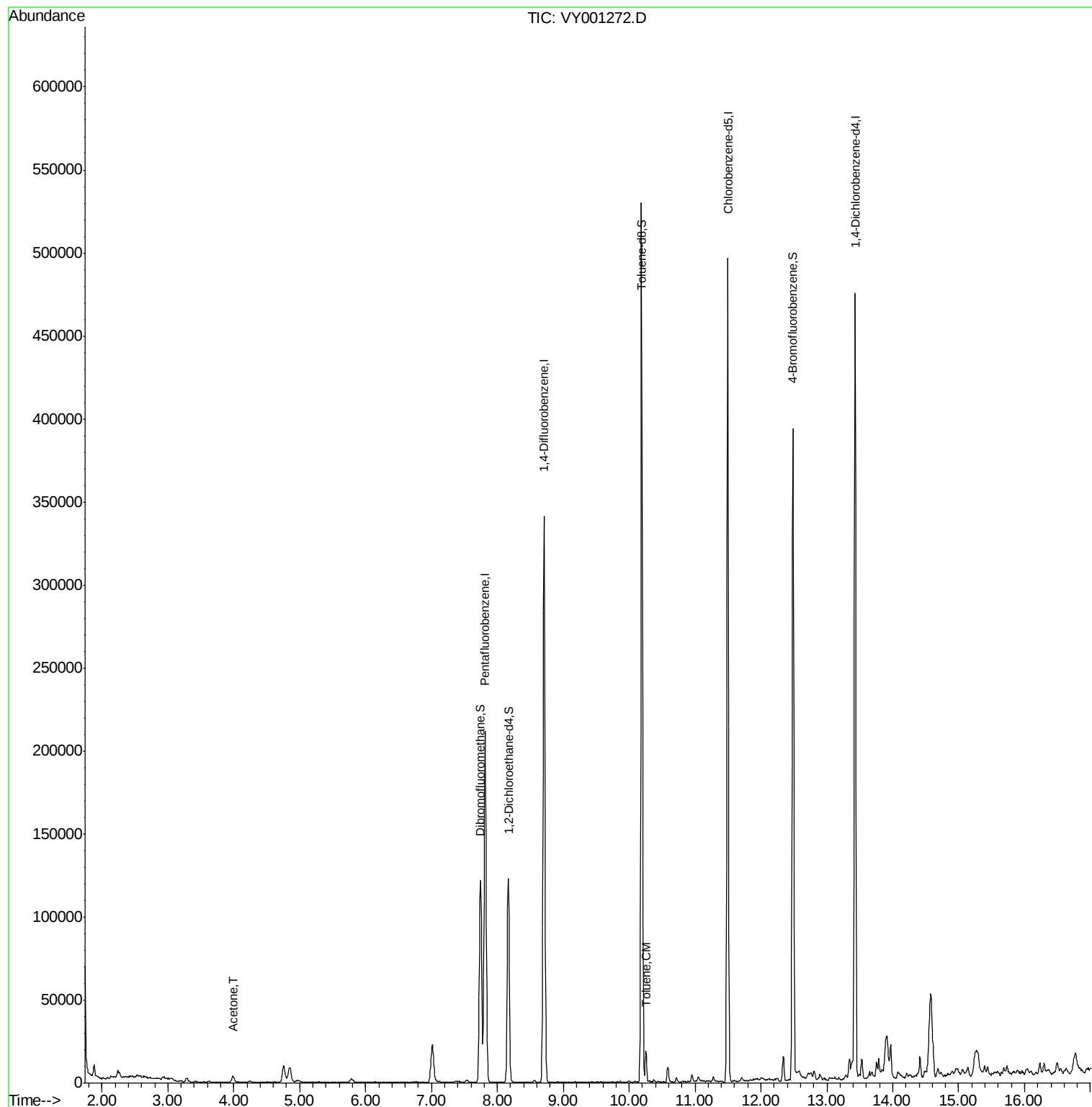
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167723	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	301616	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	267136	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	113476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	91061	51.40	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	7.74	113	87744	49.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.19	98	349939	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.49	95	121317	43.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.22%	
Target Compounds						
16) Acetone	3.99	43	6662	16.193	ug/l	92
52) Toluene	10.25	92	7991	1.561	ug/l	93

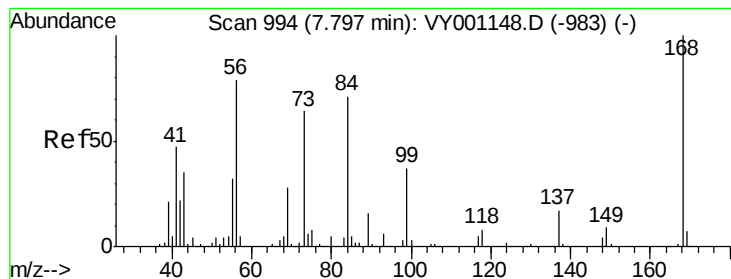
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY001272.D

Acq: 17 Jan 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

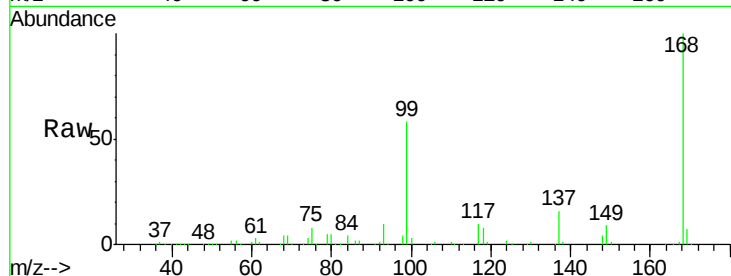
RBR-200052

Tot Ion:168 Resp: 167723

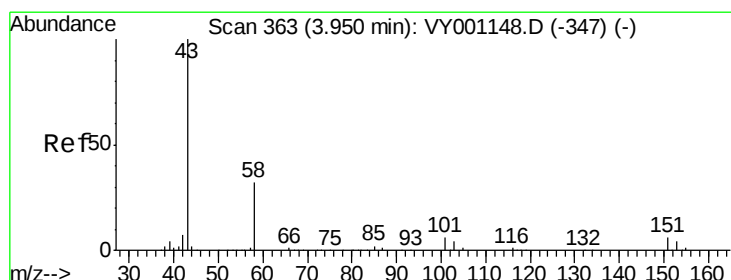
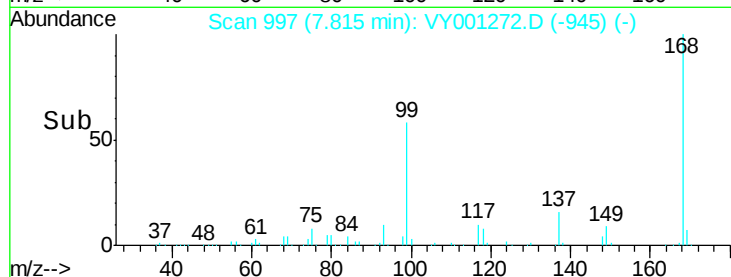
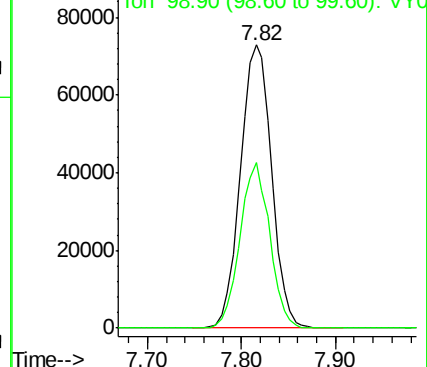
Ion Ratio Lower Upper

168 100

99 58.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)



#16

Acetone

Concen: 16.193 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.04 min

Lab File: VY001272.D

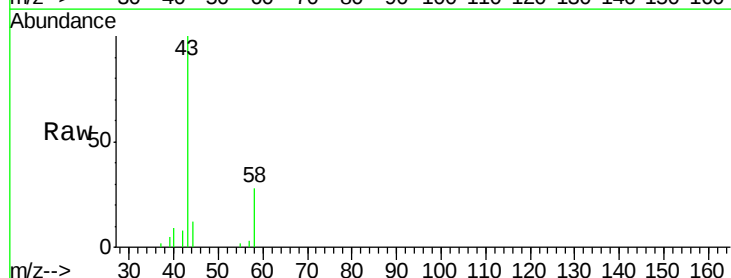
Acq: 17 Jan 2020 17:55

Tgt Ion: 43 Resp: 6662

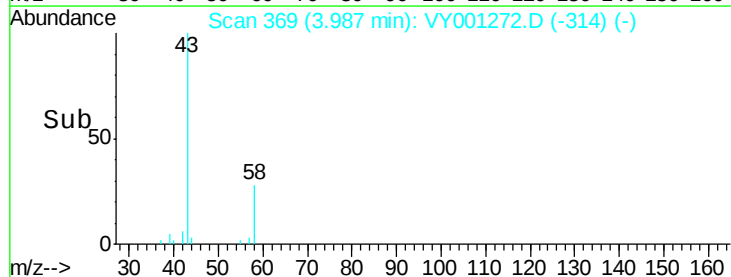
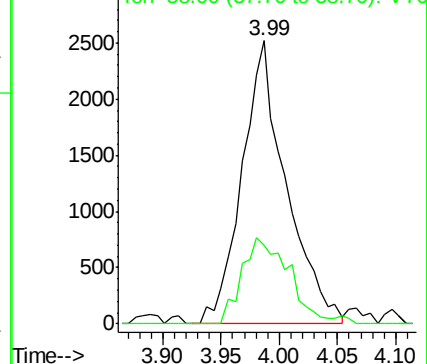
Ion Ratio Lower Upper

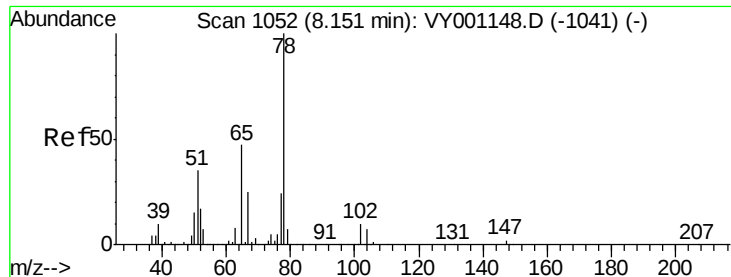
43 100

58 27.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)





#33

1,2-Dichloroethane-d4

Concen: 51.405 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.02 min

Lab File: VY001272.D

Acq: 17 Jan 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

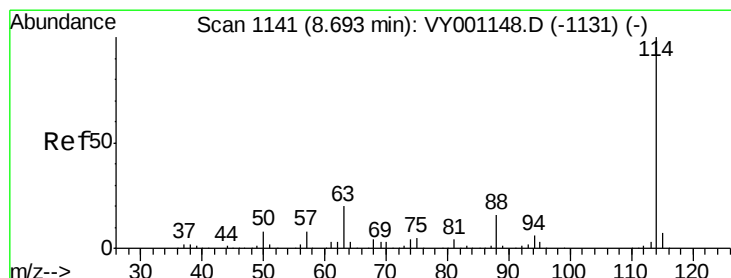
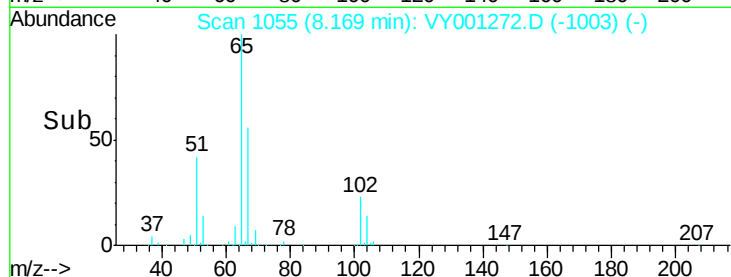
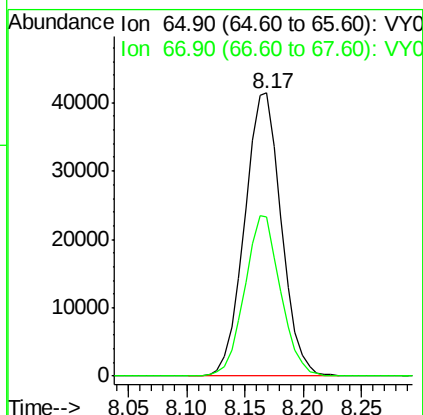
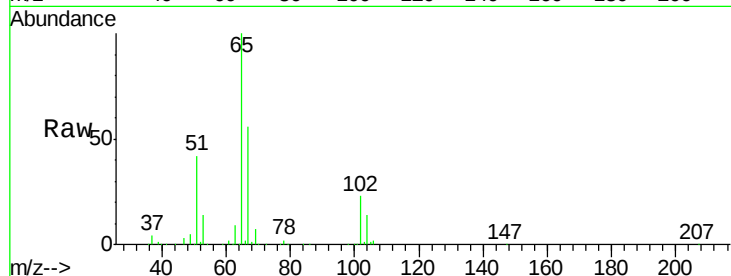
RBR-200052

Tot Ion: 65 Resp: 91061

Ion Ratio Lower Upper

65 100

67 55.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.02 min

Lab File: VY001272.D

Acq: 17 Jan 2020 17:55

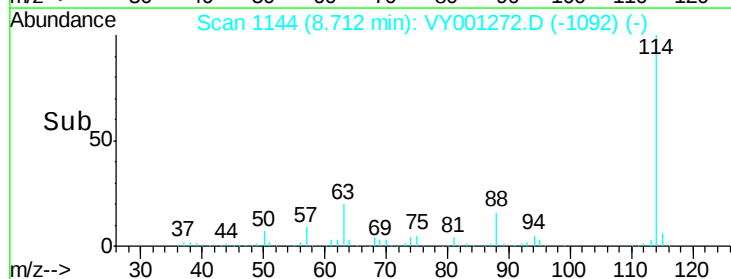
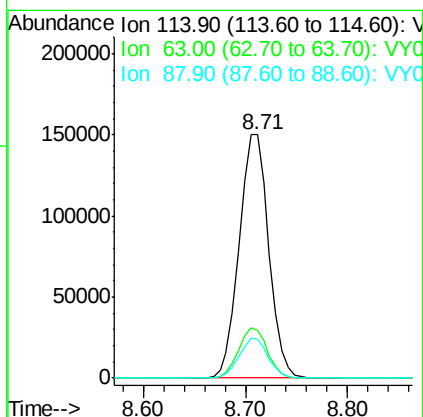
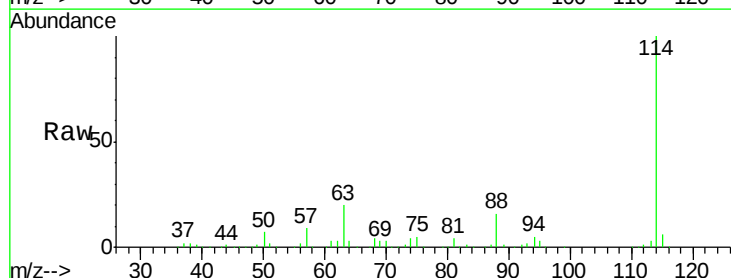
Tgt Ion: 114 Resp: 301616

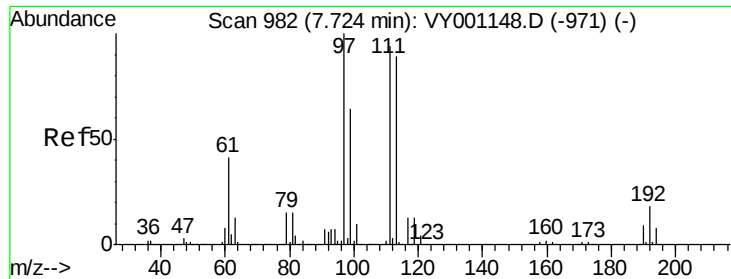
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.8 0.0 32.4

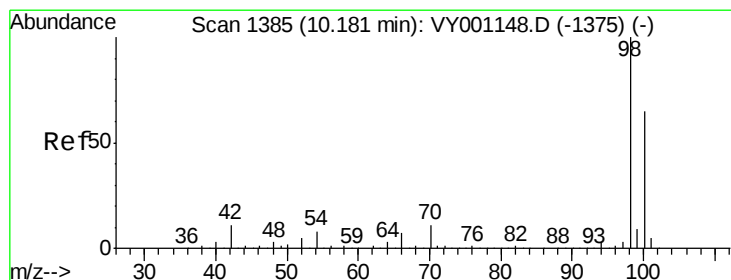
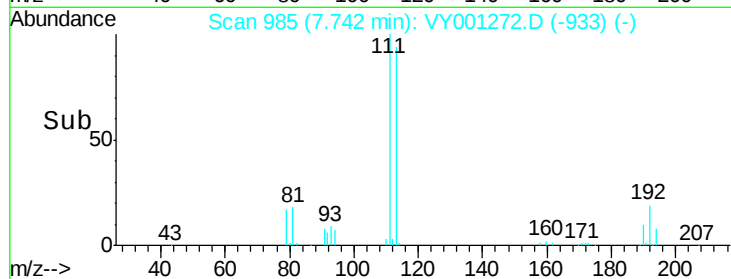
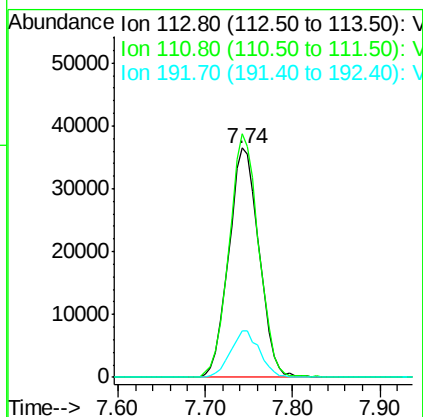
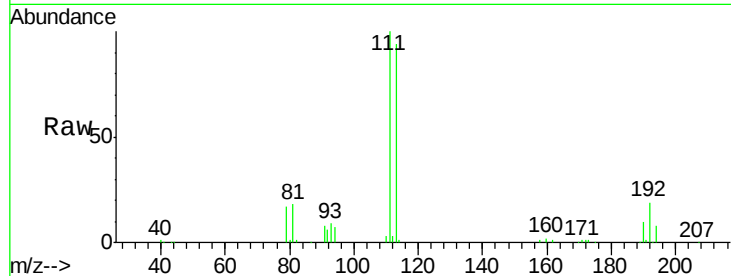




#35
 Dibromofluoromethane
 Concen: 49.686 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: VY001272.D
 Acq: 17 Jan 2020 17:55

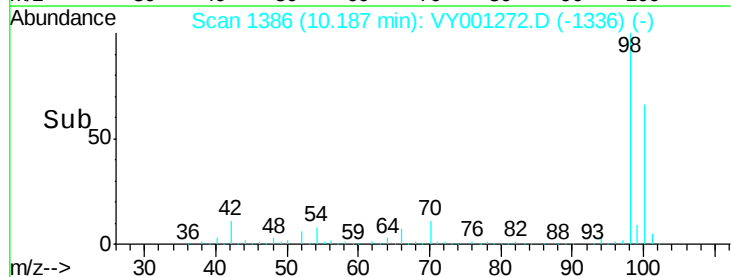
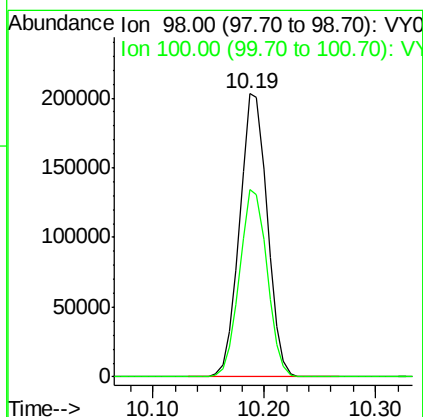
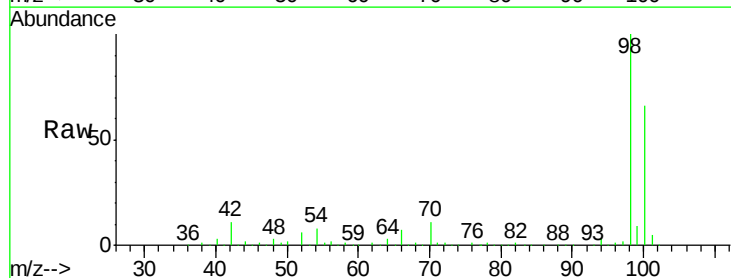
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200052

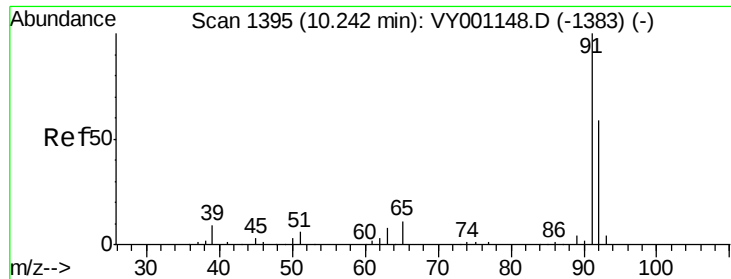
Tot Ion:113 Resp: 87744
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.9 124.3
 192 19.5 15.4 23.2



#50
 Toluene-d8
 Concen: 51.428 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY001272.D
 Acq: 17 Jan 2020 17:55

Tgt Ion: 98 Resp: 349939
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7





#52

Toluene

Concen: 1.561 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY001272.D

Acq: 17 Jan 2020 17:55

Instrument :

MSVOA_Y

ClientSampleId :

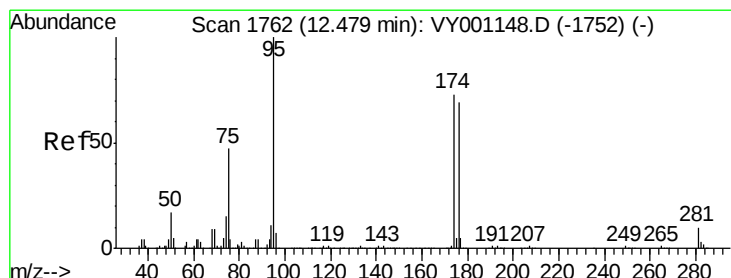
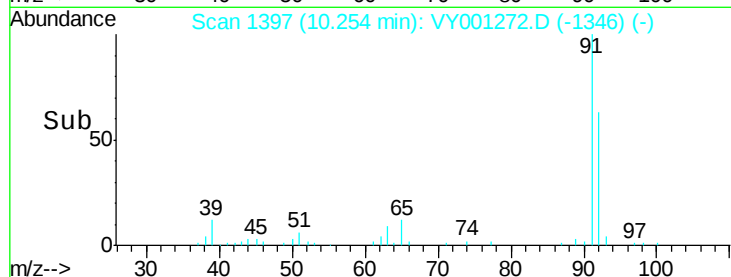
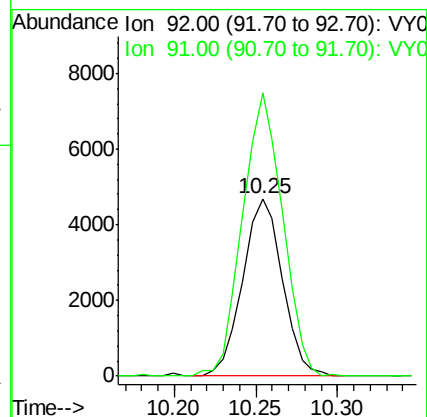
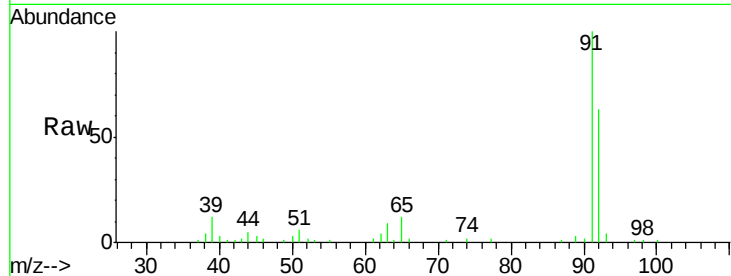
RBR-200052

Tot Ion: 92 Resp: 7991

Ion Ratio Lower Upper

92 100

91 160.7 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 43.610 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.01 min

Lab File: VY001272.D

Acq: 17 Jan 2020 17:55

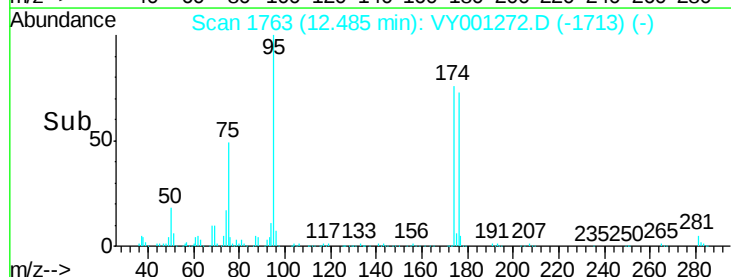
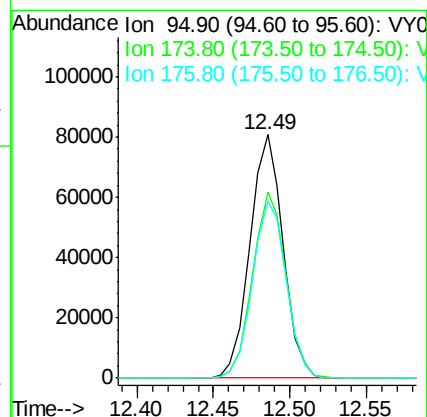
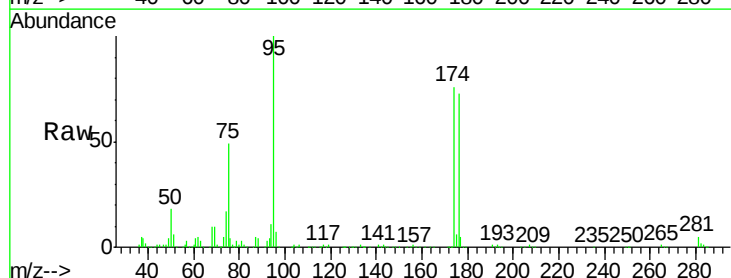
Tgt Ion: 95 Resp: 121317

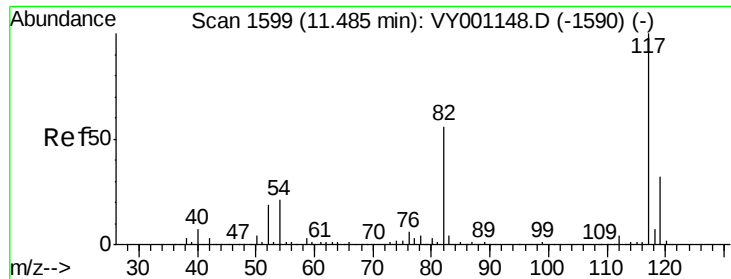
Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.2

176 74.1 0.0 136.0

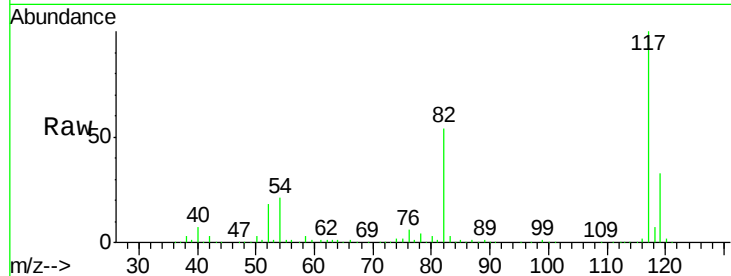




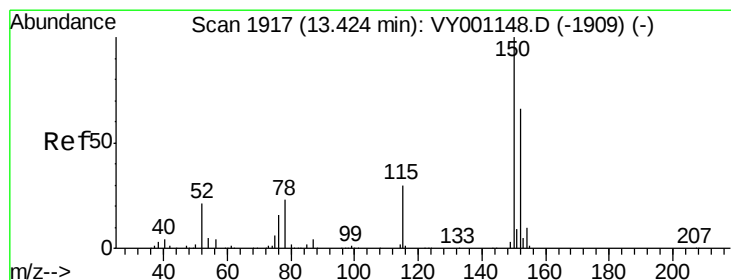
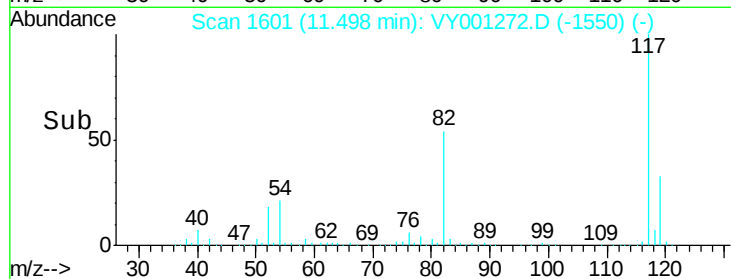
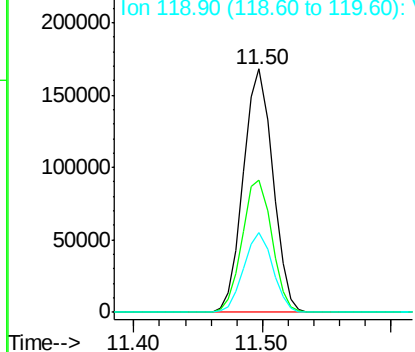
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY001272.D
Acq: 17 Jan 2020 17:55

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200052

Tot Ion:117 Resp: 267136
Ion Ratio Lower Upper
117 100
82 54.2 44.9 67.3
119 32.6 25.7 38.5

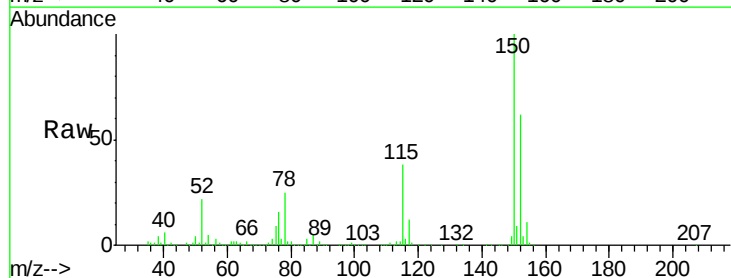


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY001272.D
Acq: 17 Jan 2020 17:55

Tgt Ion:152 Resp: 113476
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.5
150 156.8 0.0 346.8



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

