

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001716.D
 Acq On : 20 Feb 2020 12:15
 Operator : SY/MD
 Sample : L1595-02RE
 Misc : 7.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 08:03:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

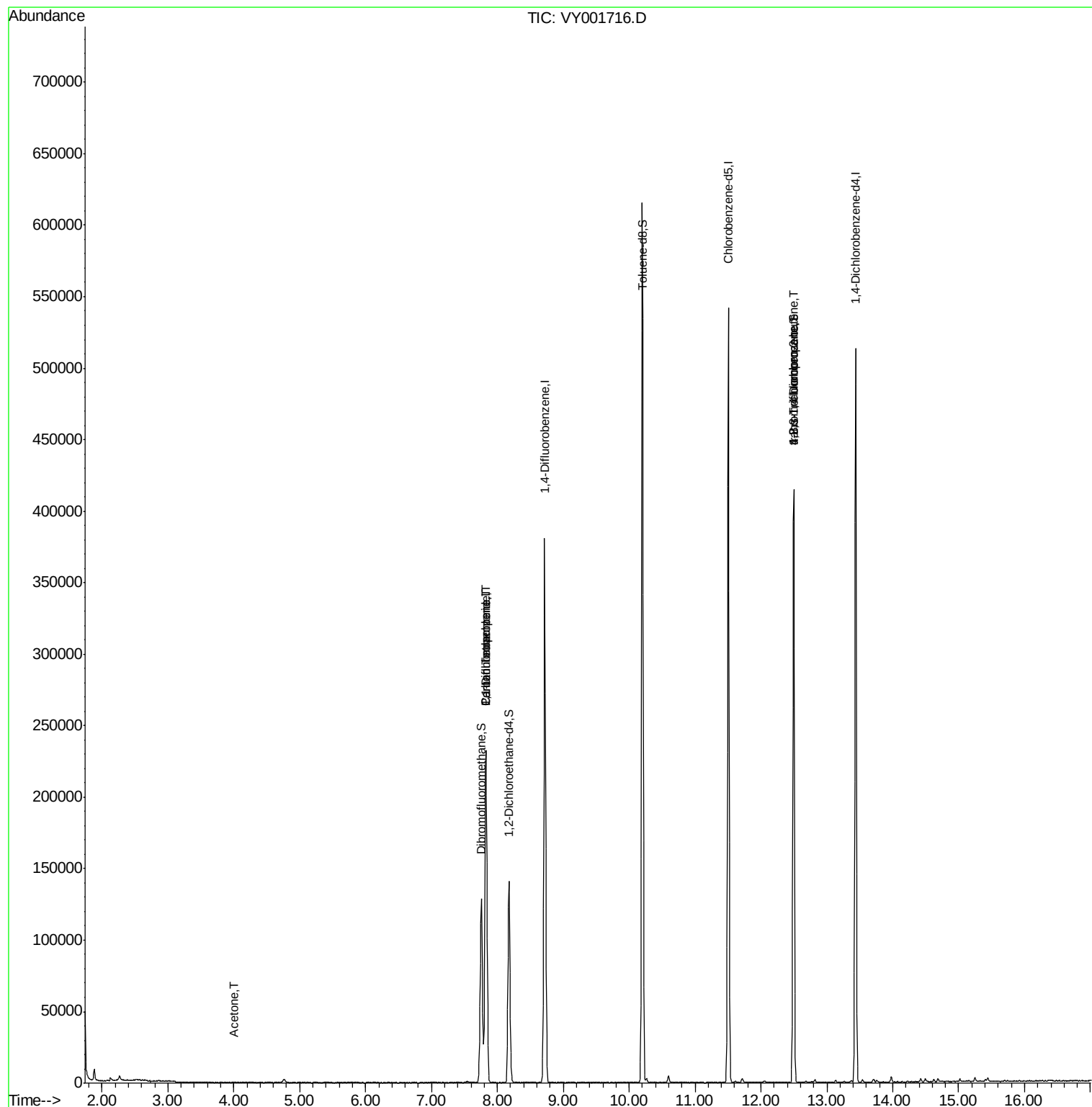
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	173021	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	323835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	105948	56.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.86%	
35) Dibromofluoromethane	7.75	113	92976	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.20	98	391599	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.50	95	134098	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.01	59	41	Below Cal	#	74
16) Acetone	3.99	43	767	1.191	ug/l #	73
36) 1,1-Dichloropropene	7.82	75	14287	4.619	ug/l #	50
38) Carbon Tetrachloride	7.82	117	17583	6.472	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	68779	46.487	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	68779	88.194	ug/l #	17

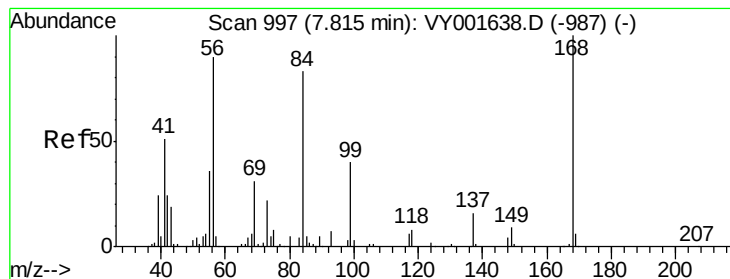
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

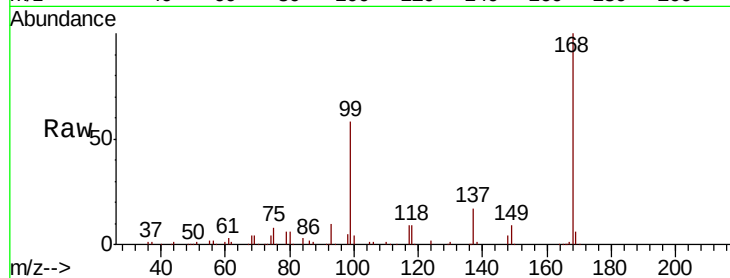
ClientSampleId :

Tot Ion:168 Resp: 173021

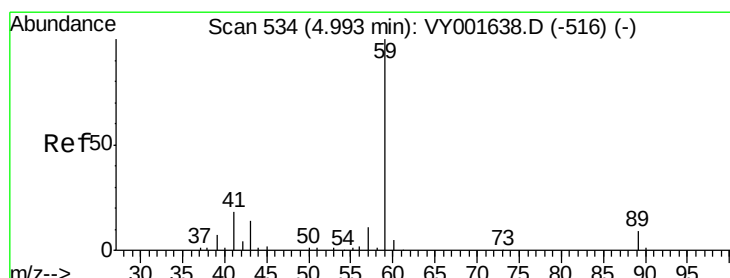
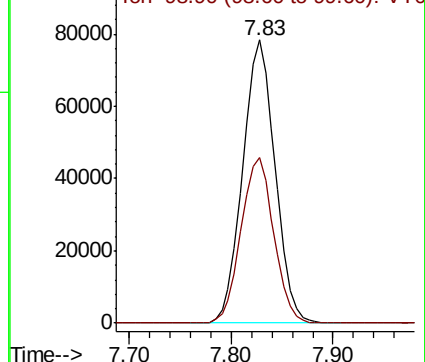
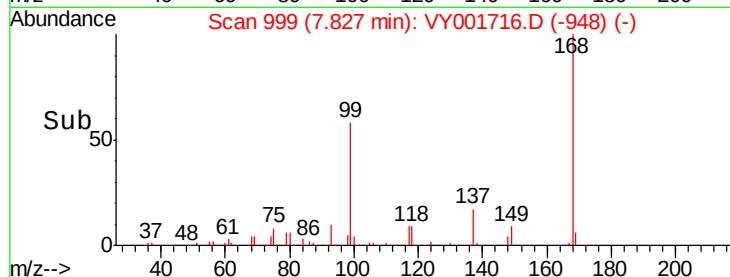
Ion Ratio Lower Upper

168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001716.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.01 min Scan# 537

Delta R.T. 0.02 min

Lab File: VY001716.D

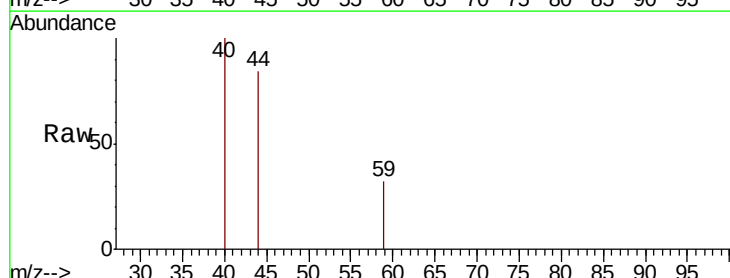
Acq: 20 Feb 2020 12:15

Tgt Ion: 59 Resp: 41

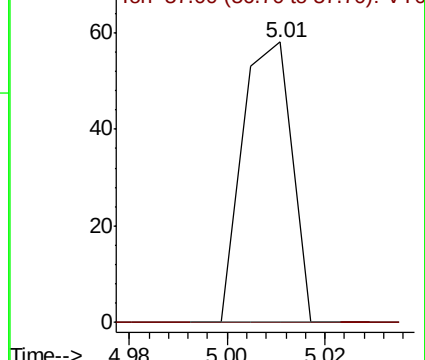
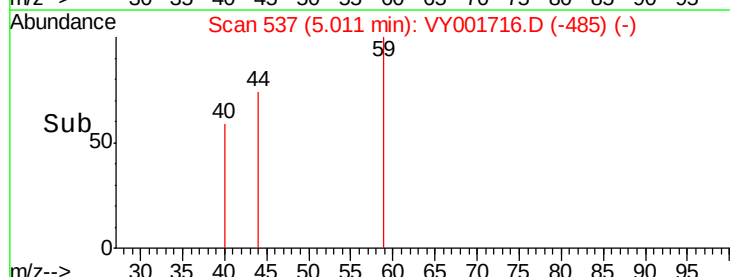
Ion Ratio Lower Upper

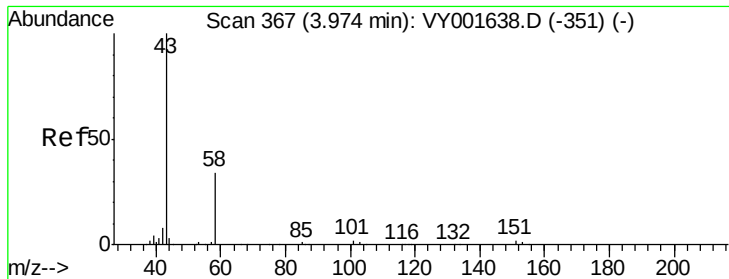
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001716.D (-485) (-)





#16

Acetone

Concen: 1.191 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

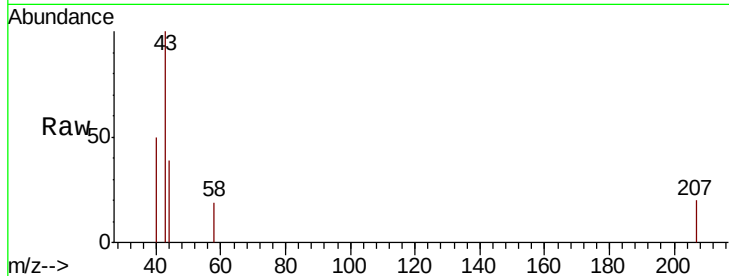
ClientSampleId :

Tot Ion: 43 Resp: 767

Ion Ratio Lower Upper

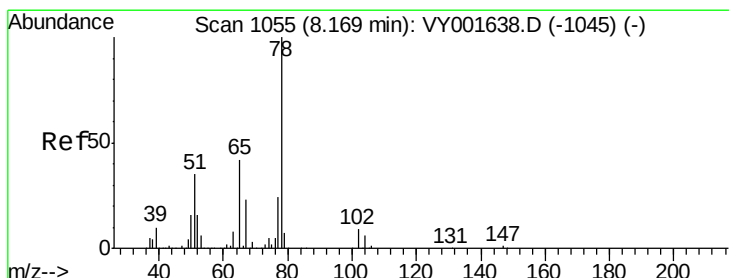
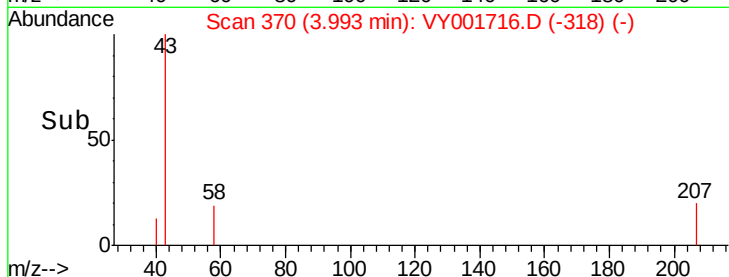
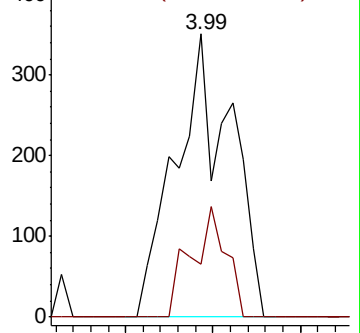
43 100

58 18.5 27.3 40.9#



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: 56.928 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001716.D

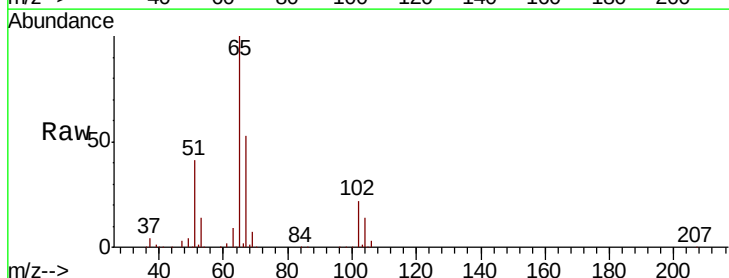
Acq: 20 Feb 2020 12:15

Tgt Ion: 65 Resp: 105948

Ion Ratio Lower Upper

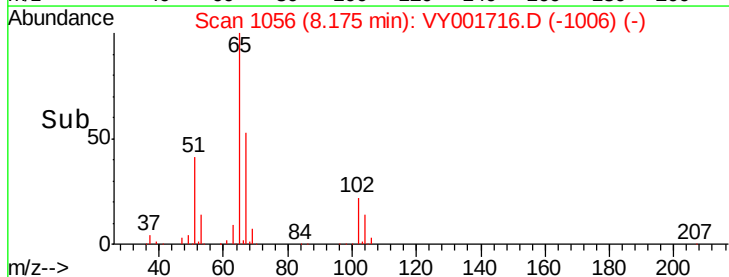
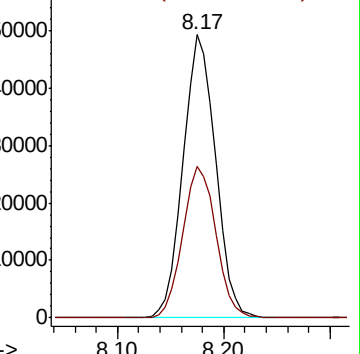
65 100

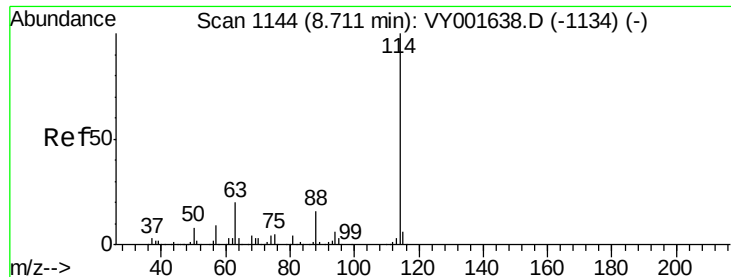
67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

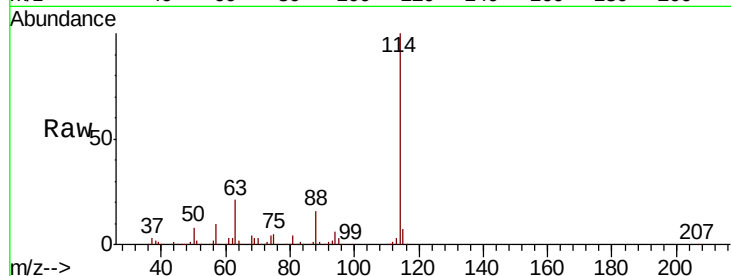




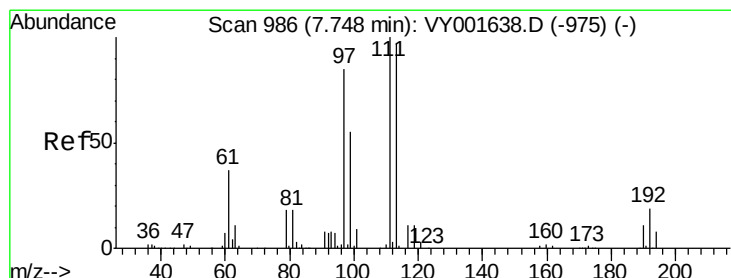
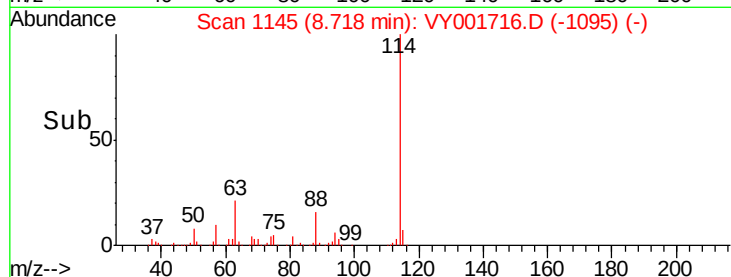
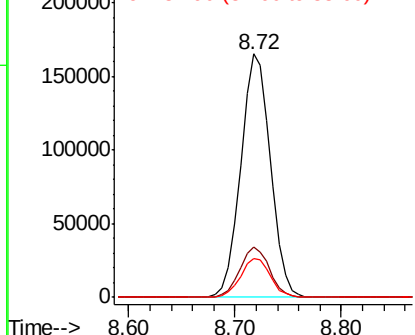
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.9	0.0	32.8

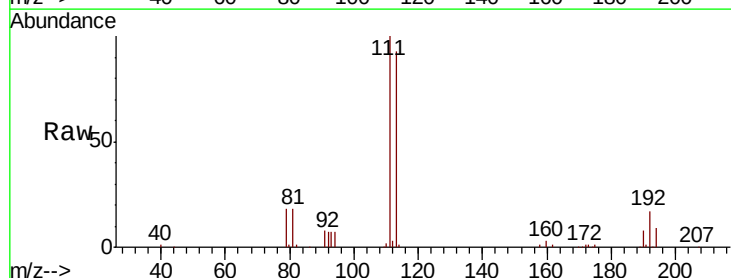


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

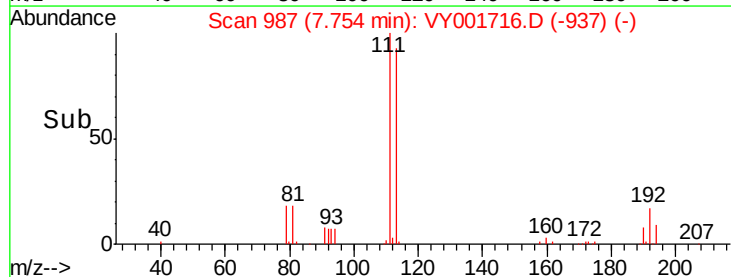
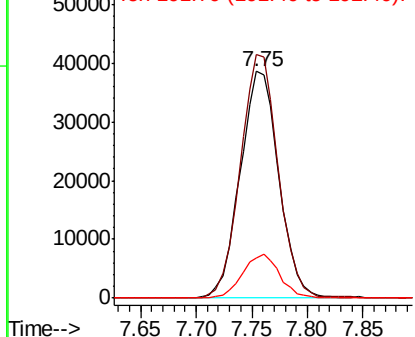


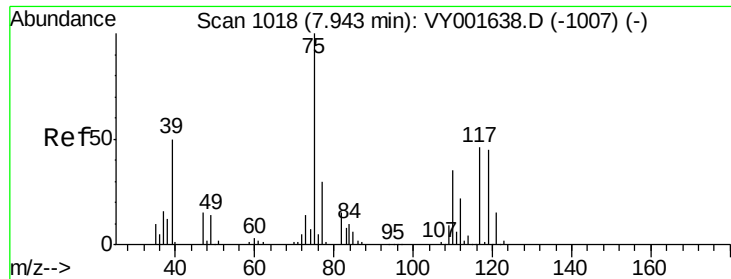
#35
 Dibromofluoromethane
 Concen: 50.128 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.9	122.9
192	18.5	14.3	21.5



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

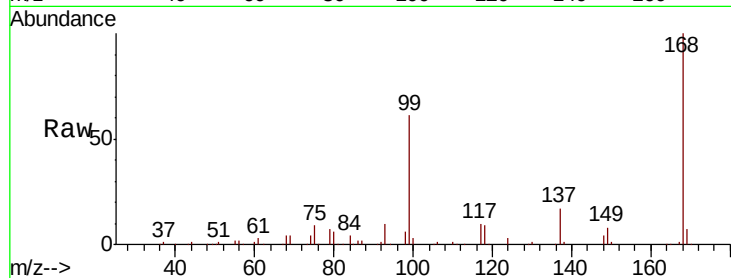




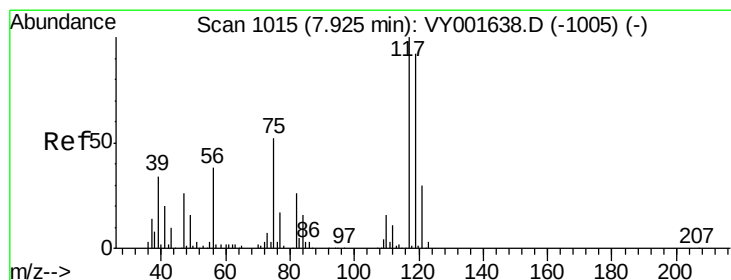
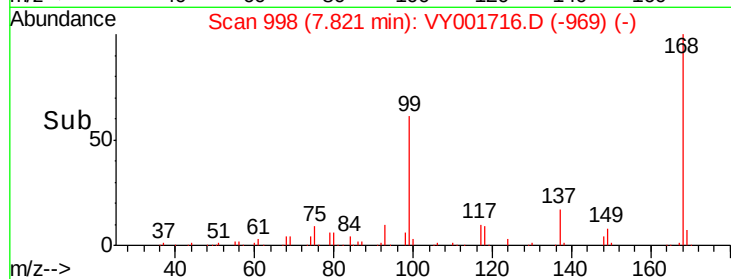
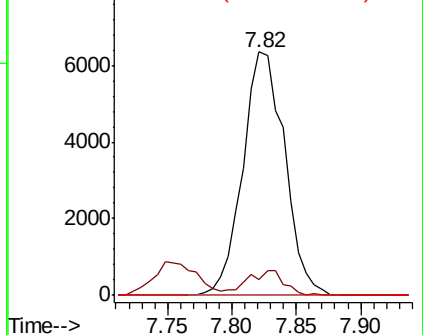
#36
 1,1-Dichloropropene
 Concen: 4.619 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.2	51.6#
77	0.0	24.8	37.2#

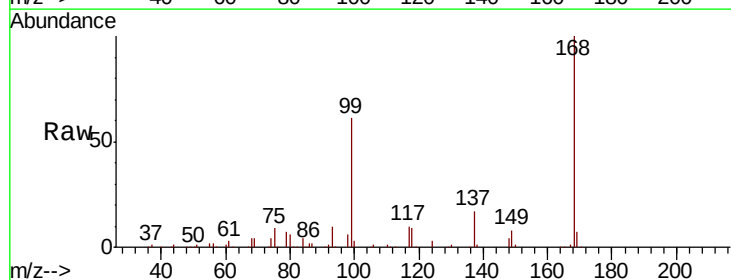


Abundance Ion 74.90 (74.60 to 75.60): VY001716.D (-969) (-)

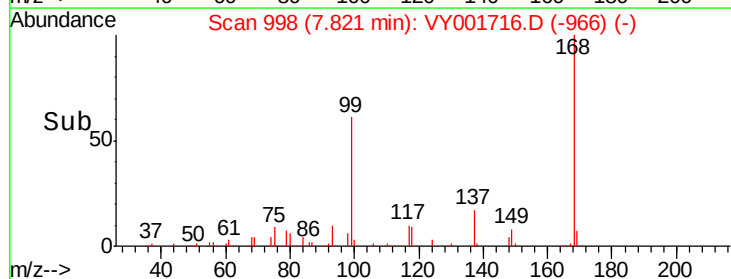
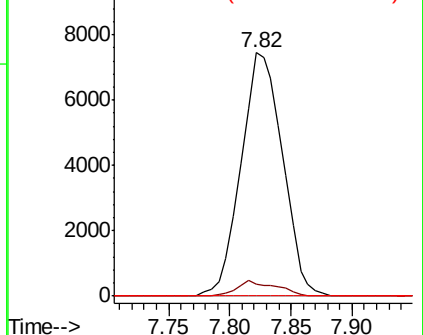


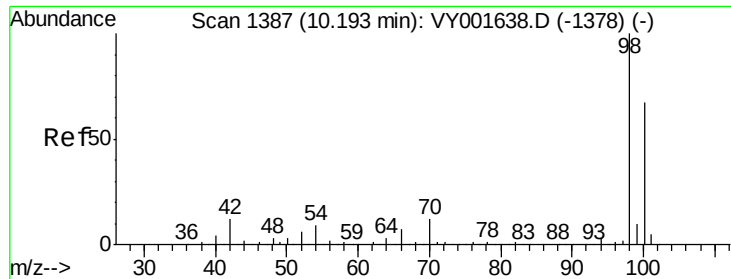
#38
 Carbon Tetrachloride
 Concen: 6.472 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	74.8	112.2#
121	0.0	23.8	35.6#



Abundance Ion 116.80 (116.50 to 117.50): VY001716.D (-966) (-)





#50

Toluene-d8

Concen: 53.891 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

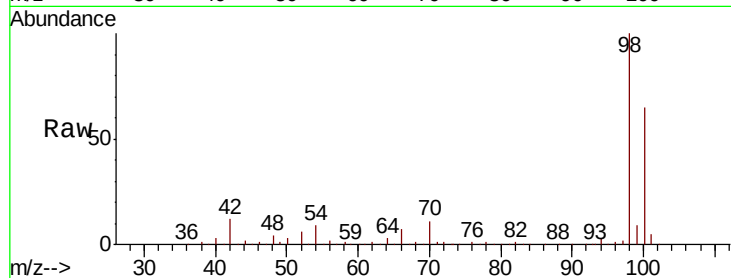
ClientSampled :

Tot Ion: 98 Resp: 391599

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.20

250000

200000

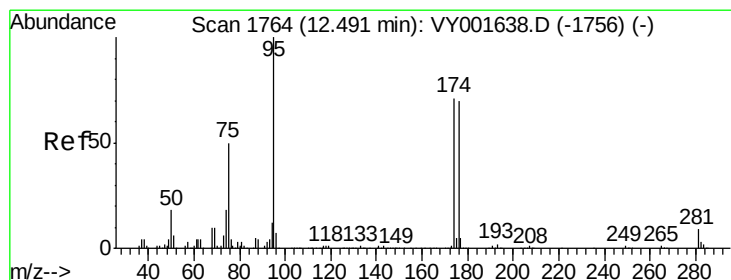
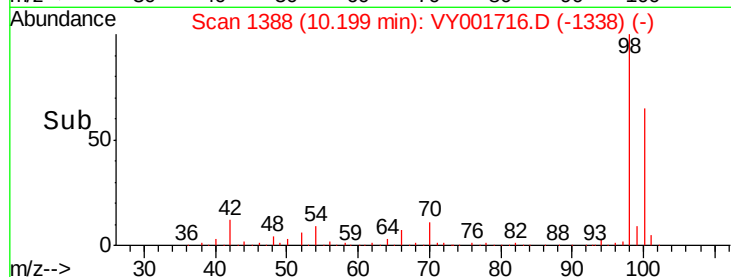
150000

100000

50000

0

Time--> 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 47.503 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

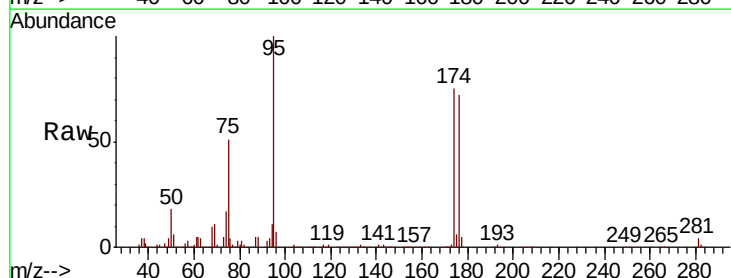
Tgt Ion: 95 Resp: 134098

Ion Ratio Lower Upper

95 100

174 73.4 0.0 138.4

176 69.2 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.50

100000

80000

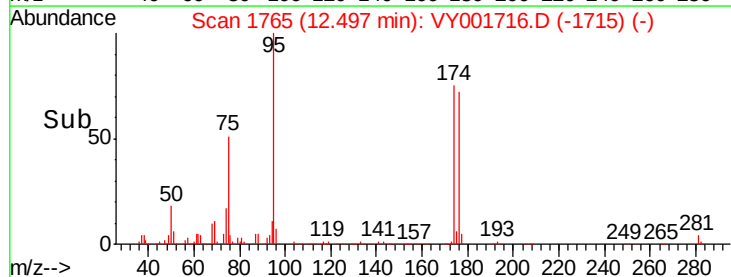
60000

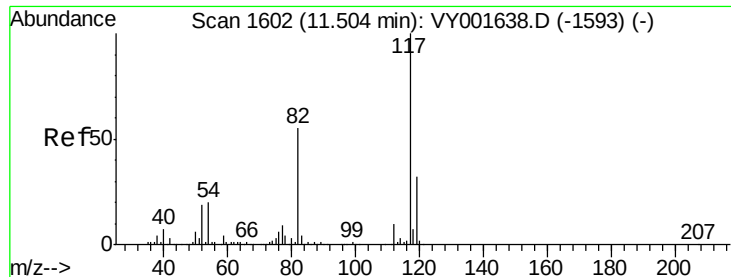
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

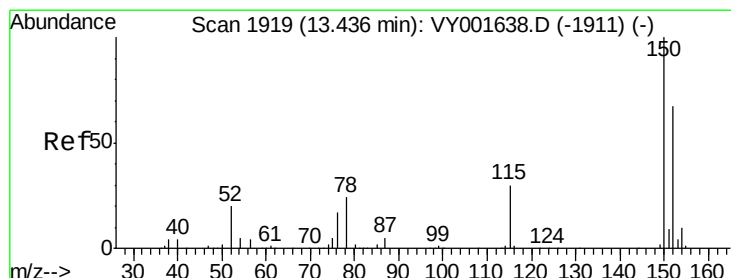
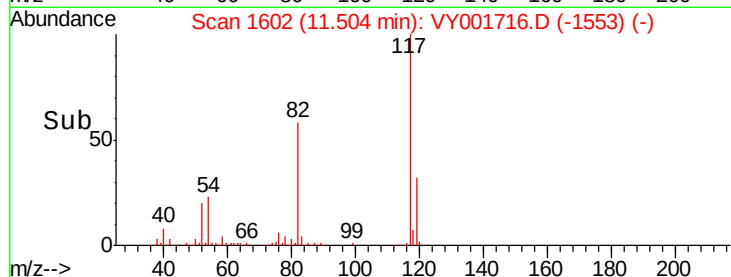
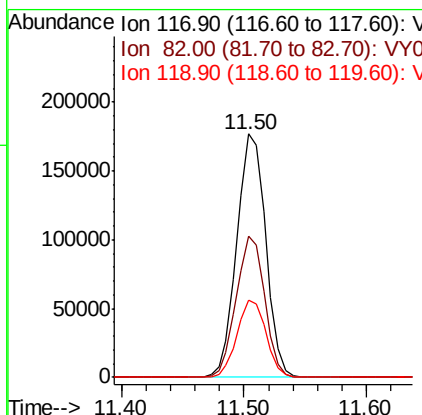
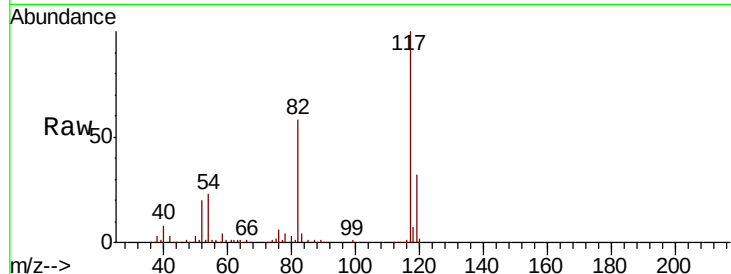




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001716.D
Acq: 20 Feb 2020 12:15

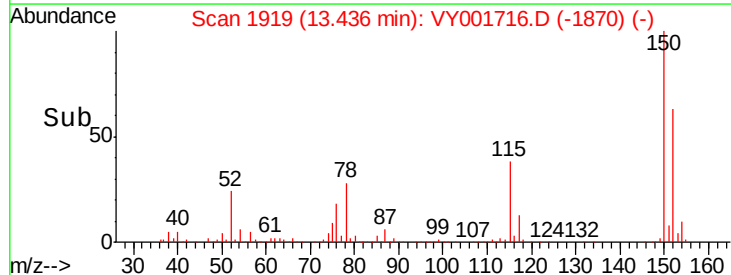
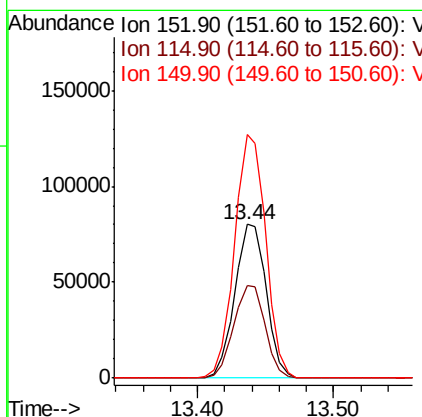
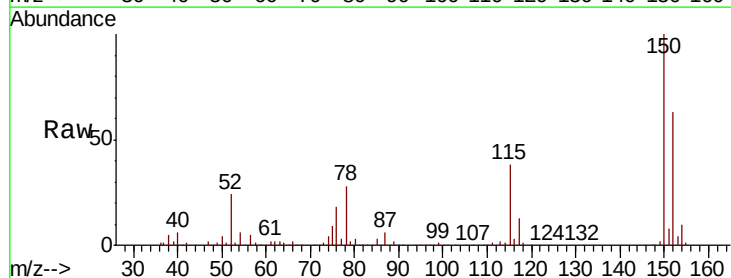
Instrument :
MSVOA_Y
ClientSampleId :

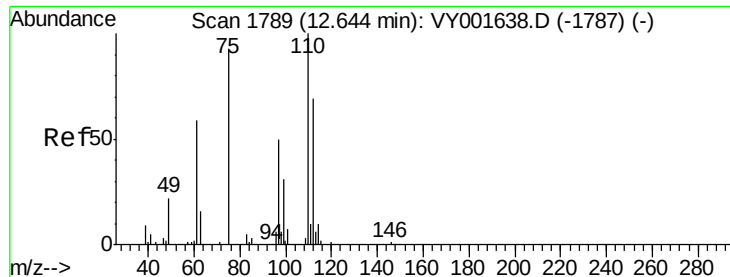
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.5	68.3
119	31.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001716.D
Acq: 20 Feb 2020 12:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.4	94.2
150	156.5	0.0	407.2





#76

1,2,3-Trichloropropane

Concen: 46.487 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

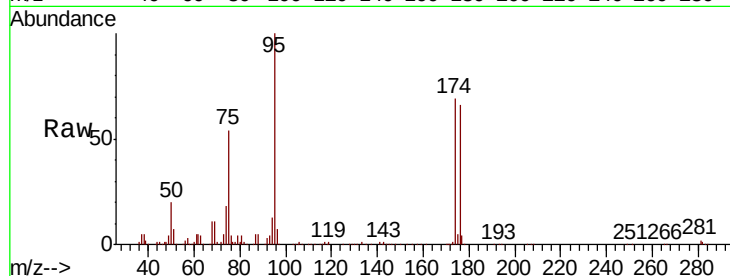
ClientSampleId :

Tot Ion: 75 Resp: 68779

Ion Ratio Lower Upper

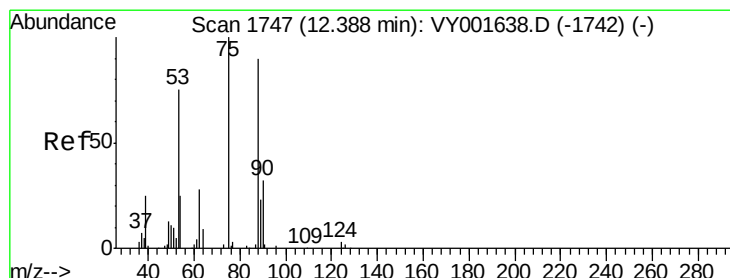
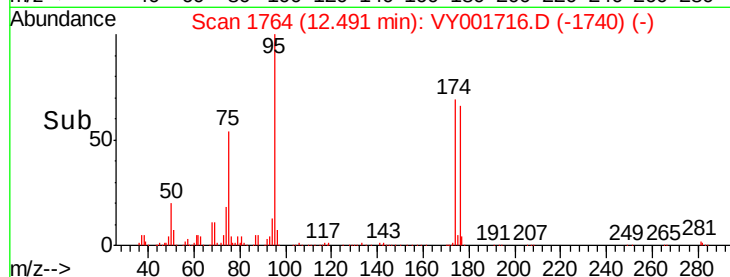
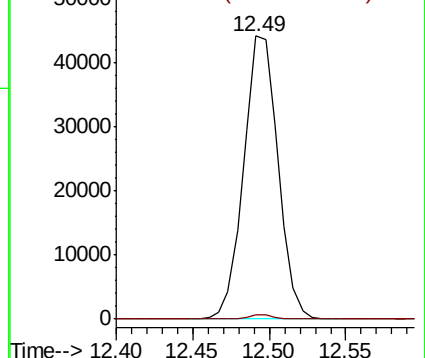
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 88.194 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

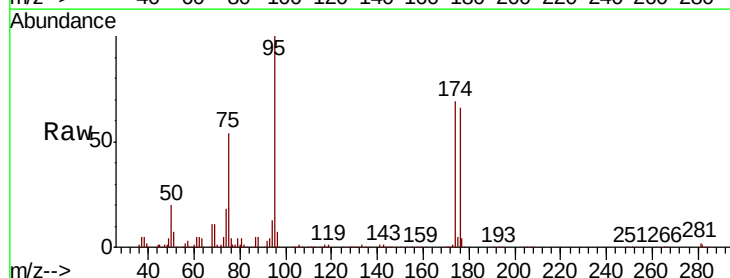
Tgt Ion: 75 Resp: 68779

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

