

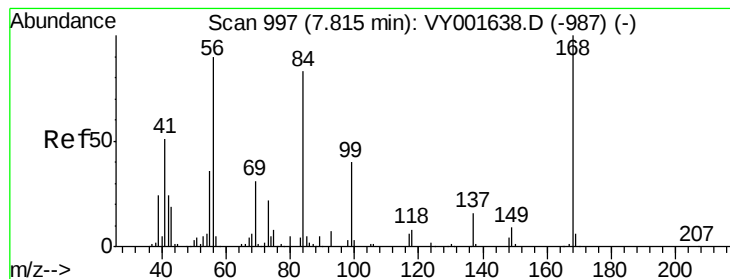
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001655.D
 Acq On : 17 Feb 2020 18:36
 Operator : SY/MD
 Sample : L1546-14
 Misc : 7.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:37:41 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	7.82	168	156638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	284418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	247426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	97403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	84133	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.75	113	81519	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
50) Toluene-d8	10.20	98	340250	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.49	95	106391	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
Target Compounds						
					Qvalue	
16) Acetone	4.00	43	837	1.436	ug/l #	41
20) Methylene Chloride	4.76	84	9634	4.652	ug/l	89
36) 1,1-Dichloropropene	7.82	75	12390	4.561	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15874	6.652	ug/l #	19
51) 4-Methyl-2-Pentanone	10.20	43	1607	1.017	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	54308	48.605	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	54308	92.212	ug/l #	17

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

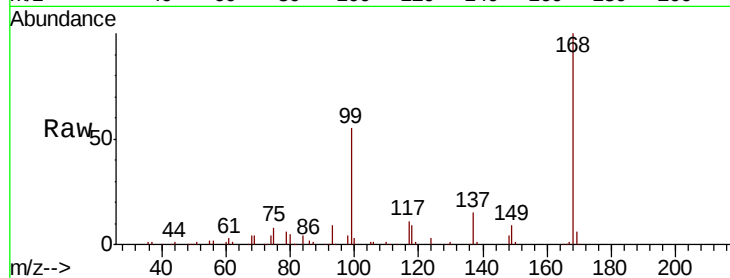
ClientSampleId :

Tot Ion:168 Resp: 156638

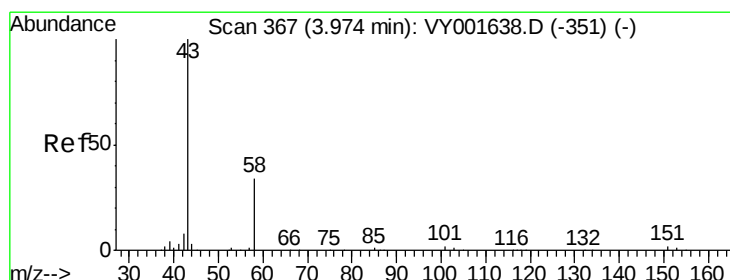
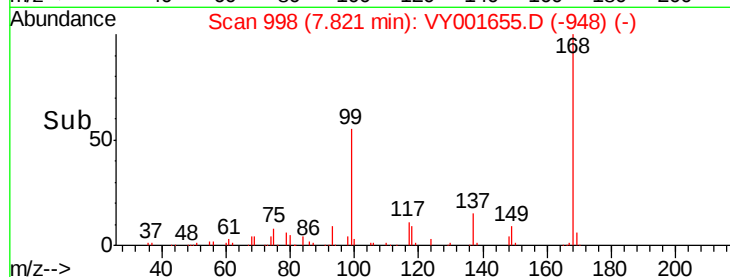
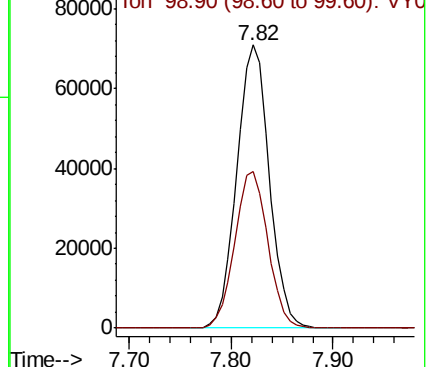
Ion Ratio Lower Upper

168 100

99 55.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)



#16

Acetone

Concen: 1.436 ug/l

RT: 4.00 min Scan# 371

Delta R.T. 0.02 min

Lab File: VY001655.D

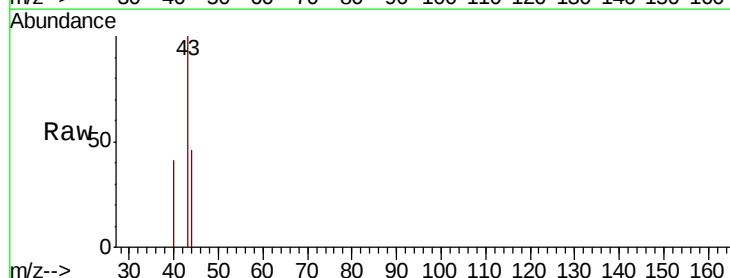
Acq: 17 Feb 2020 18:36

Tgt Ion: 43 Resp: 837

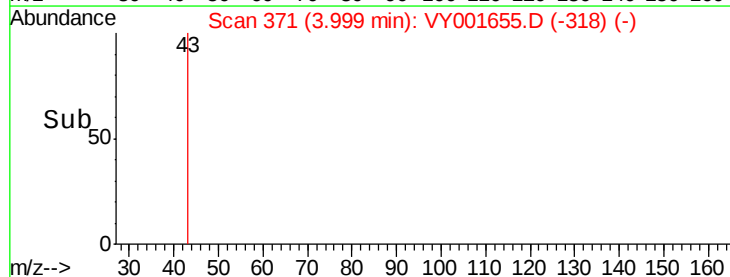
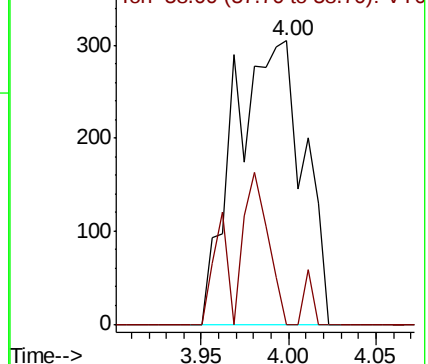
Ion Ratio Lower Upper

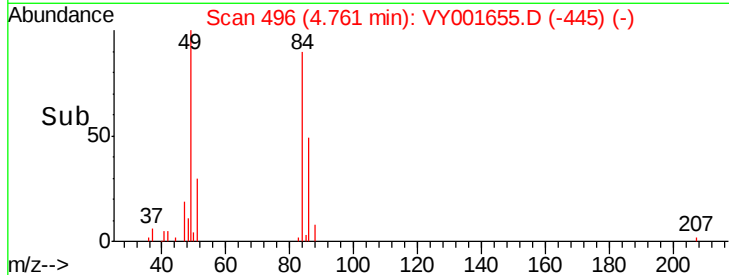
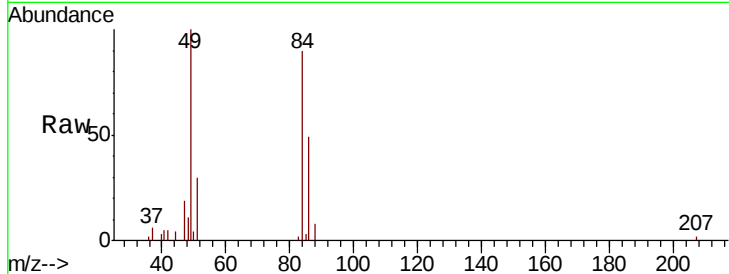
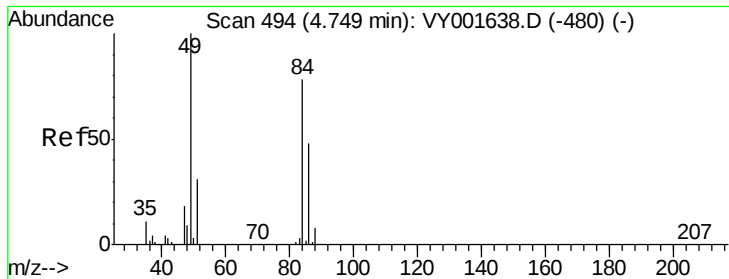
43 100

58 0.0 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)

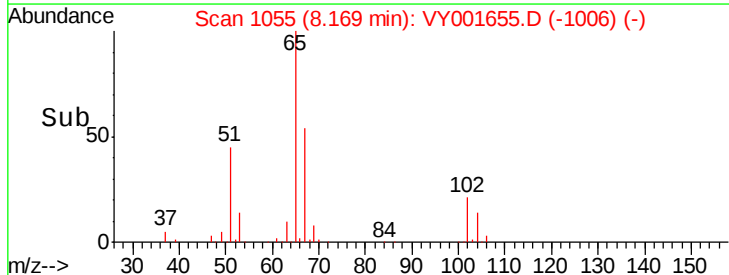
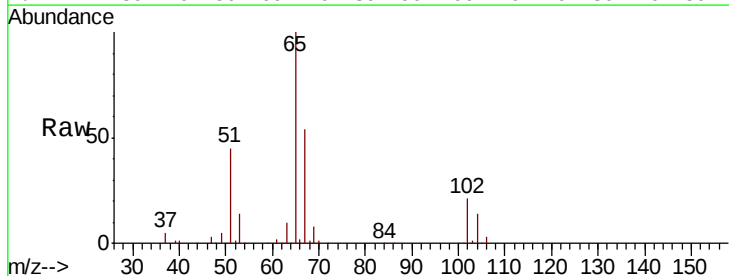
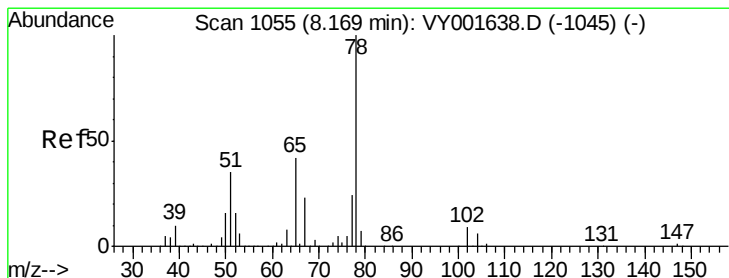
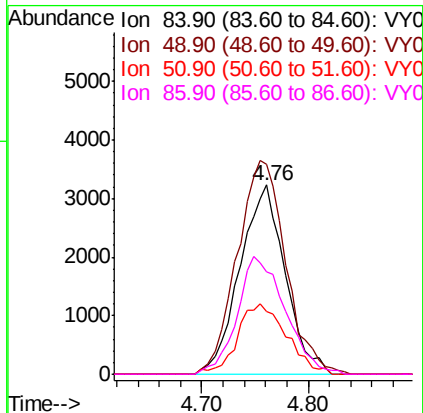




#20
Methvlene Chloride
Concen: 4.652 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.01 min
Lab File: VY001655.D
Acq: 17 Feb 2020 18:36

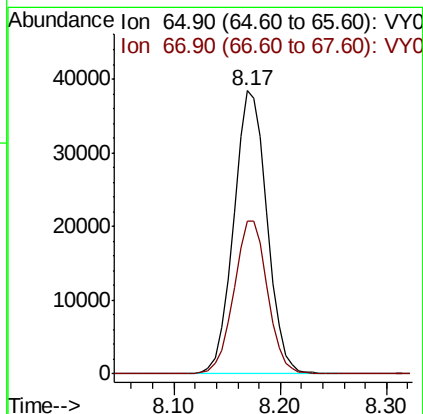
Instrument :
MSVOA_Y
ClientSampleId :

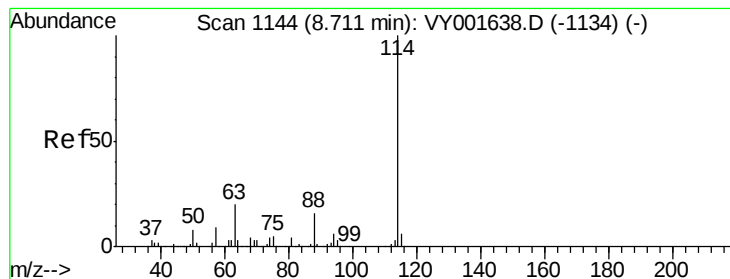
Tot Ion: 84 Resp: 9634
Ion Ratio Lower Upper
84 100
49 111.3 99.2 148.8
51 33.3 31.5 47.3
86 54.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 49.934 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001655.D
Acq: 17 Feb 2020 18:36

Tgt Ion: 65 Resp: 84133
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

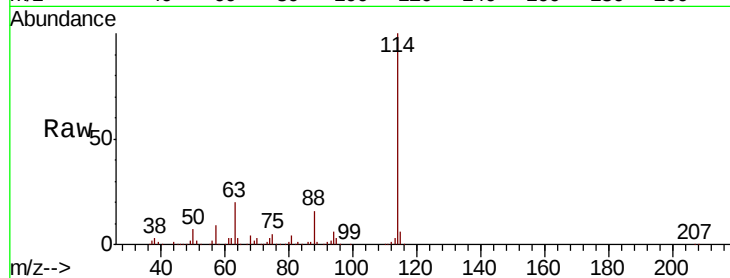
Tot Ion:114 Resp: 284418

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

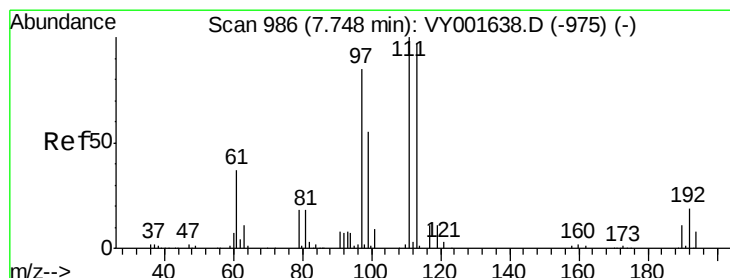
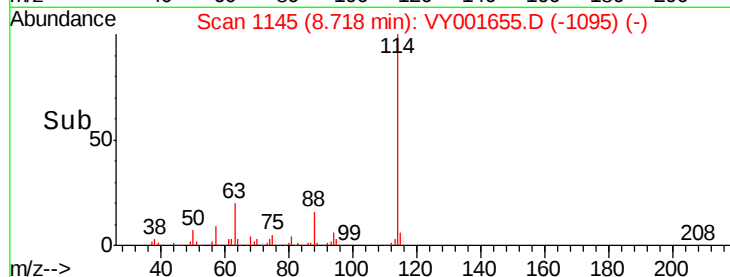
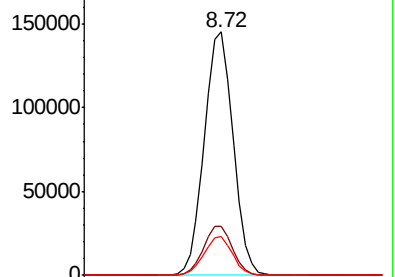
88 16.0 0.0 32.8



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: 50.042 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

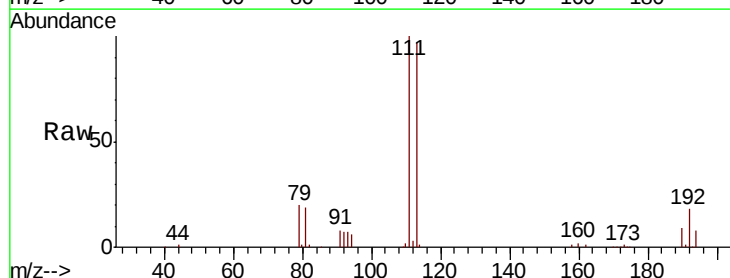
Tgt Ion:113 Resp: 81519

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

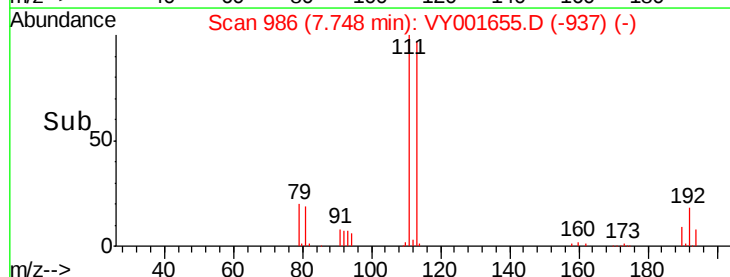
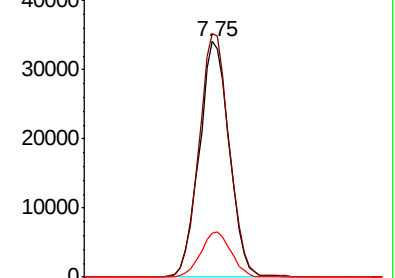
192 19.1 14.3 21.5

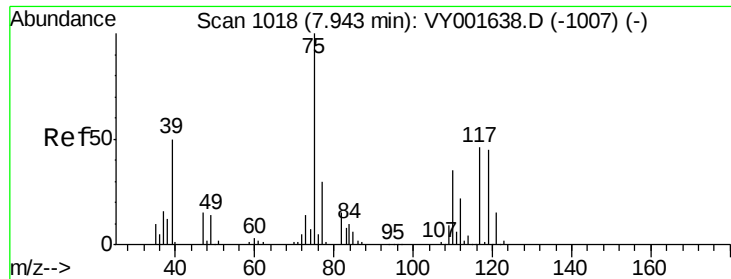


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

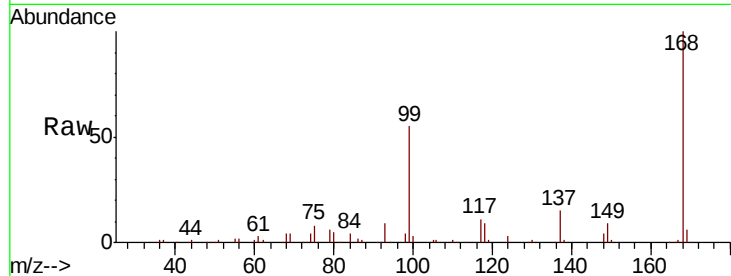




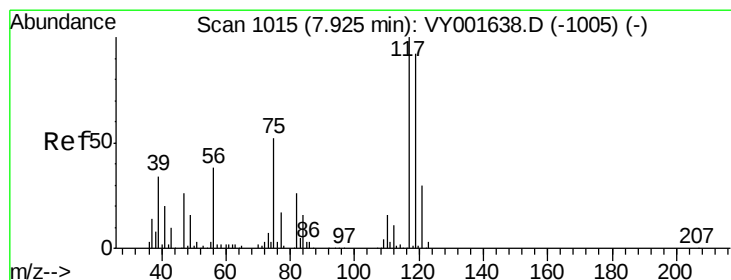
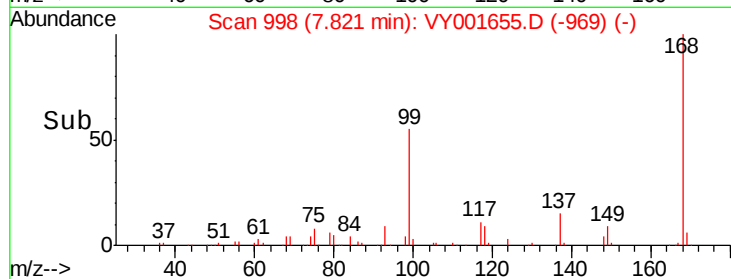
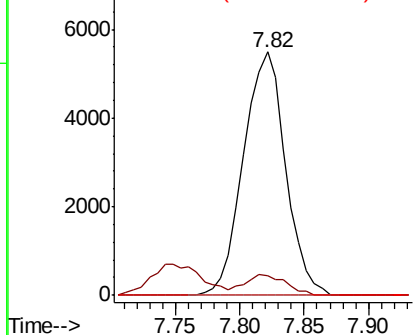
#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.12 min
 Lab File: VY001655.D
 Acq: 17 Feb 2020 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.6#
77	0.0	24.8	37.2#

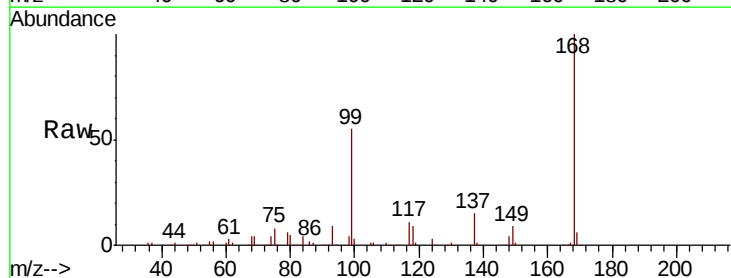


Abundance Ion 74.90 (74.60 to 75.60): VY001638.D (-1007) (-)
 Ion 109.90 (109.60 to 110.60): VY001638.D (-1007) (-)
 Ion 76.90 (76.60 to 77.60): VY001638.D (-1007) (-)

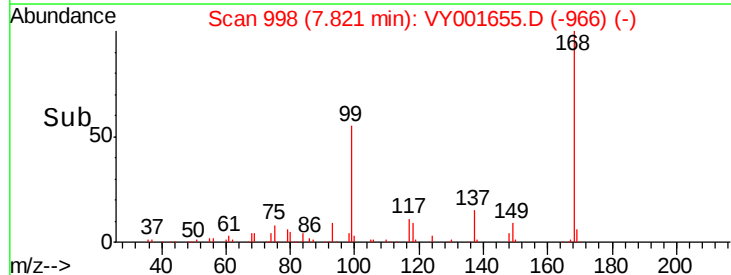
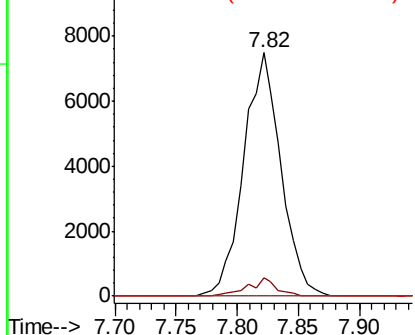


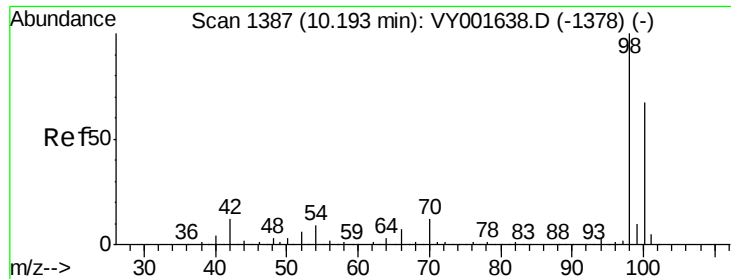
#38
 Carbon Tetrachloride
 Concen: 6.652 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.10 min
 Lab File: VY001655.D
 Acq: 17 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.6	74.8	112.2#
121	0.0	23.8	35.6#



Abundance Ion 116.80 (116.50 to 117.50): VY001638.D (-1005) (-)
 Ion 118.80 (118.50 to 119.50): VY001638.D (-1005) (-)
 Ion 120.80 (120.50 to 121.50): VY001638.D (-1005) (-)





#50

Toluene-d8

Concen: 53.314 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

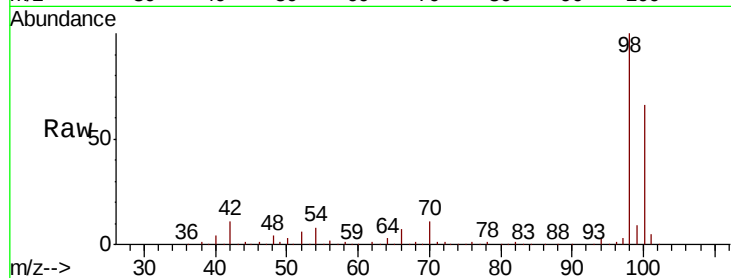
ClientSampleId :

Tot Ion: 98 Resp: 340250

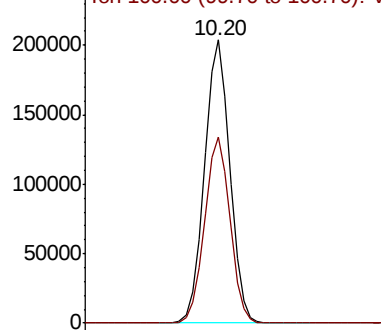
Ion Ratio Lower Upper

98 100

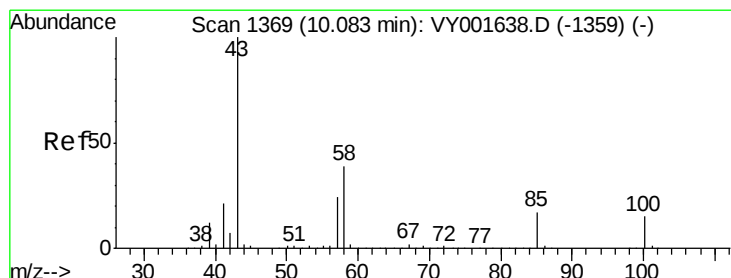
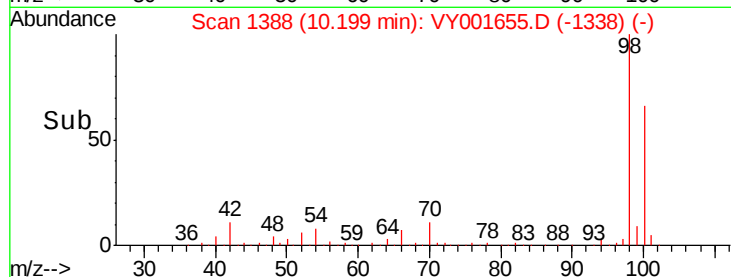
100 65.8 53.0 79.4



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



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.017 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.12 min

Lab File: VY001655.D

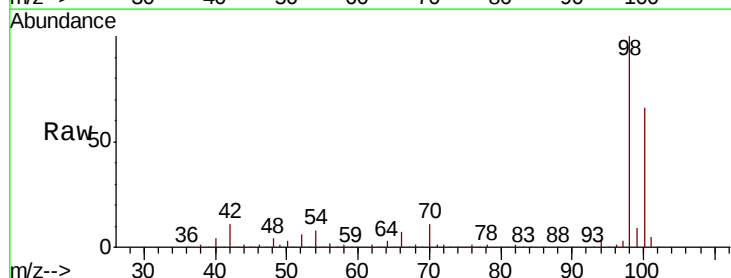
Acq: 17 Feb 2020 18:36

Tgt Ion: 43 Resp: 1607

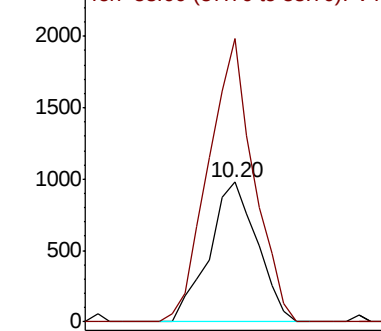
Ion Ratio Lower Upper

43 100

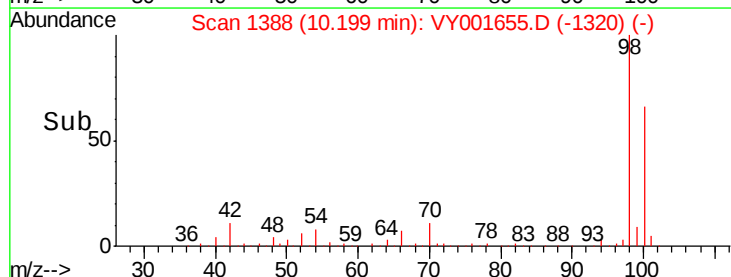
58 190.5 32.2 48.4#

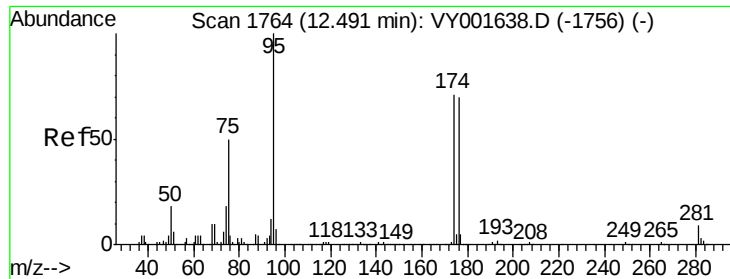


Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-1359) (-)



Time-->

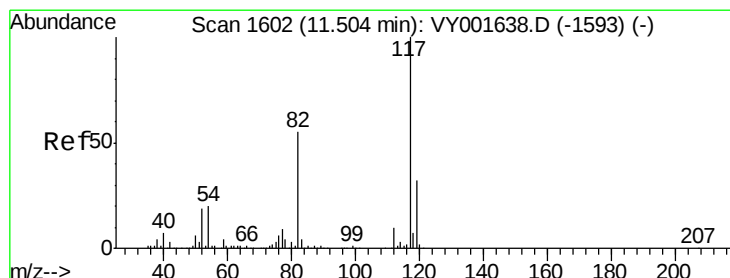
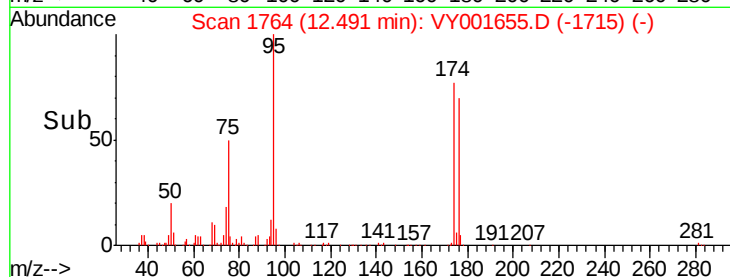
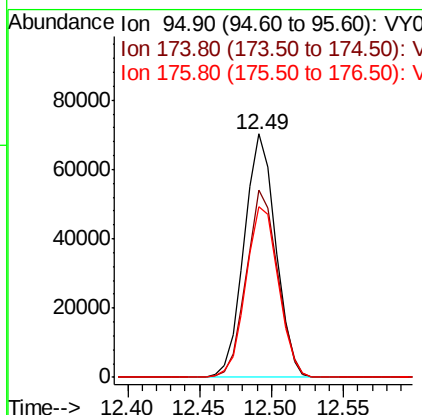
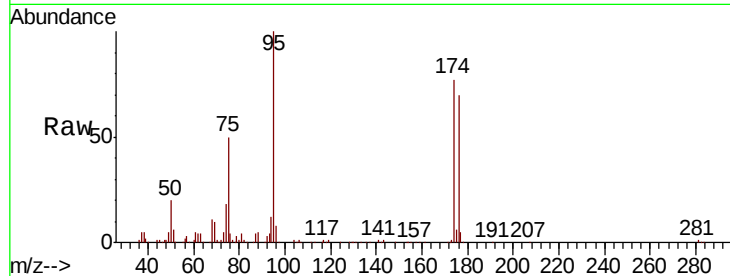




#62
4-Bromofluorobenzene
Concen: 42.911 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001655.D
Acq: 17 Feb 2020 18:36

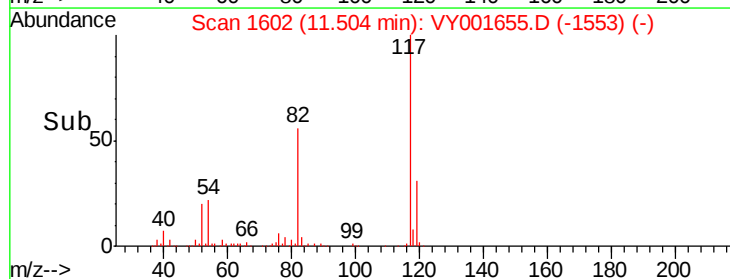
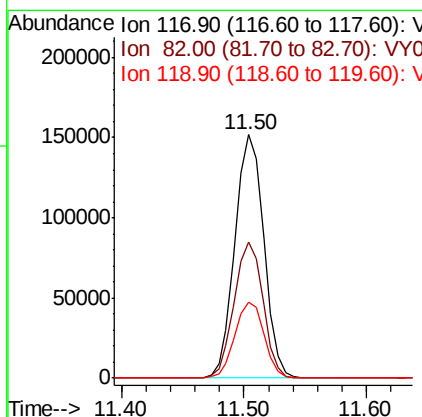
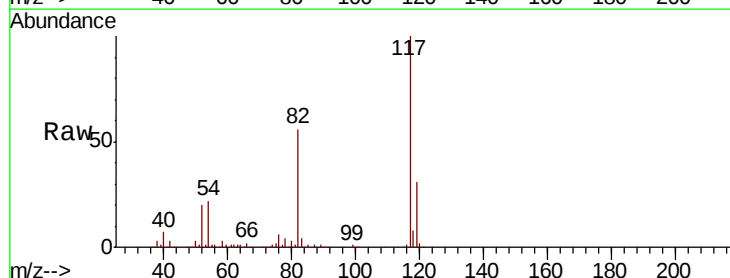
Instrument :
MSVOA_Y
ClientSampleId :

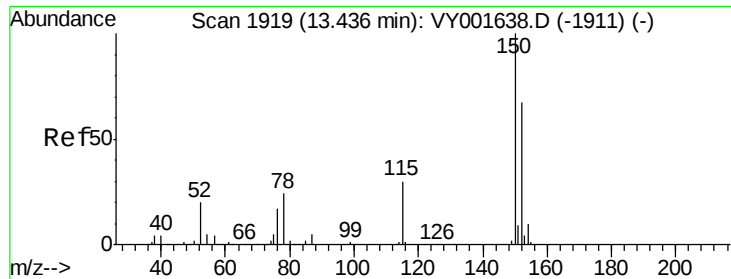
Tot Ion: 95 Resp: 106391
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.4
176 72.0 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001655.D
Acq: 17 Feb 2020 18:36

Tgt Ion: 117 Resp: 247426
Ion Ratio Lower Upper
117 100
82 56.1 45.5 68.3
119 31.4 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: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

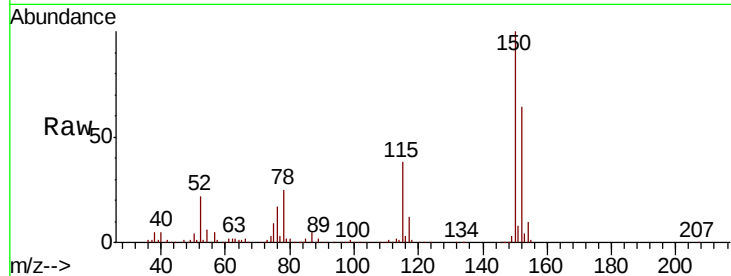
Tot Ion:152 Resp: 97403

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

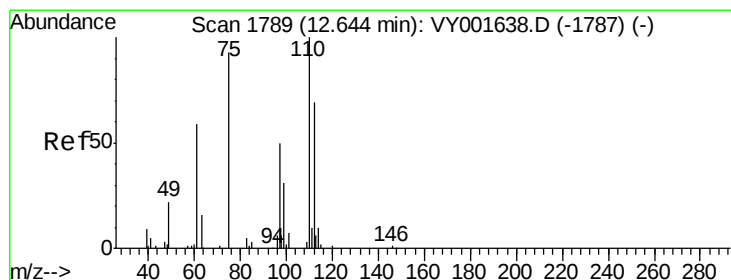
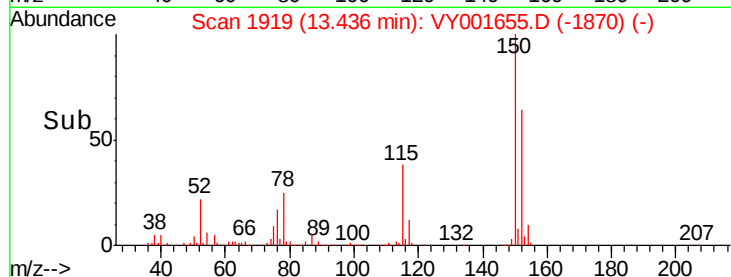
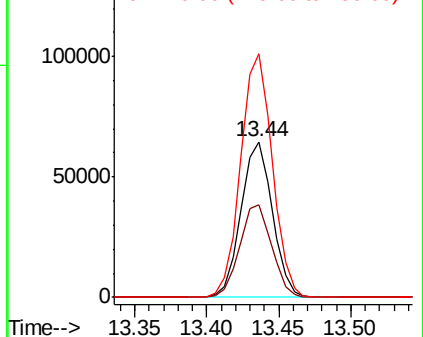
150 158.2 0.0 407.2



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



#76

1,2,3-Trichloropropane

Concen: 48.605 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001655.D

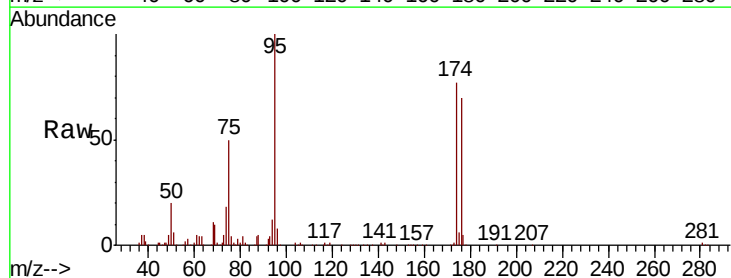
Acq: 17 Feb 2020 18:36

Tgt Ion: 75 Resp: 54308

Ion Ratio Lower Upper

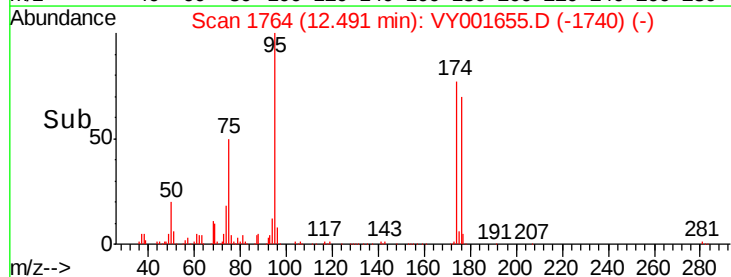
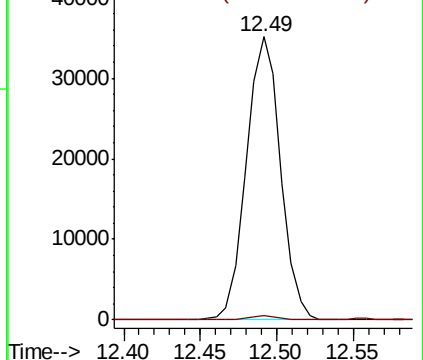
75 100

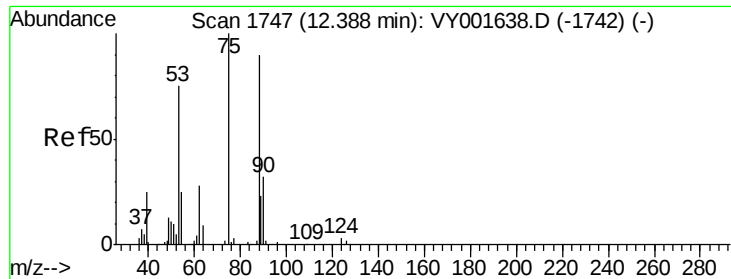
77 1.4 0.0 0.0#



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: 92.212 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001655.D

Acq: 17 Feb 2020 18:36

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 54308

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

