

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003034.D
 Acq On : 30 Jun 2020 14:49
 Operator : SY/MD
 Sample : L2815-16
 Misc : 7.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-062920

Quant Time: Jul 01 06:18:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

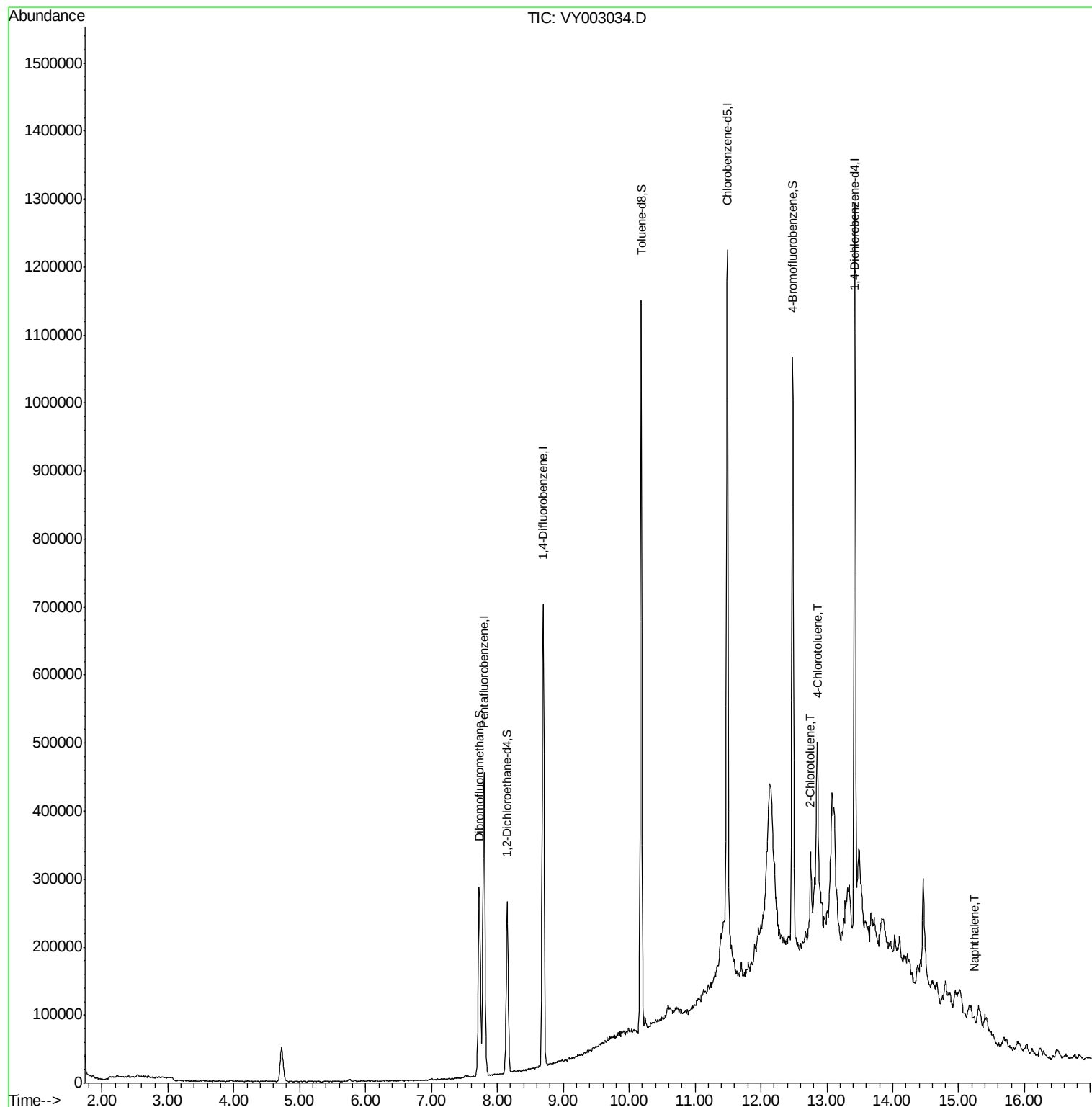
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	360795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	580853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	276842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	201795	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.72	113	194633	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.18	98	701048	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.48	95	259390	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
Target Compounds						
79) 2-Chlorotoluene	12.75	91	52445	4.312	ug/l	98
82) 4-Chlorotoluene	12.85	91	101103	7.984	ug/l	98
95) Naphthalene	15.24	128	11397	1.079	ug/l #	89

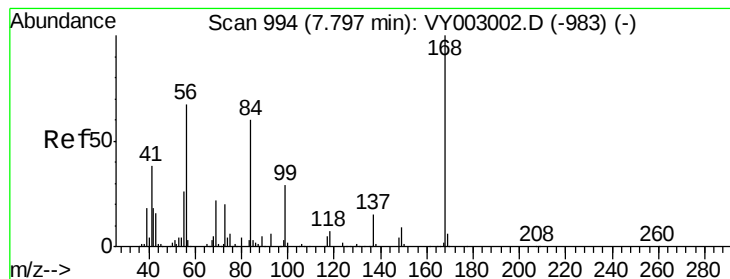
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003034.D

Acq: 30 Jun 2020 14:49

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MSVOA_Y

ClientSampleId :

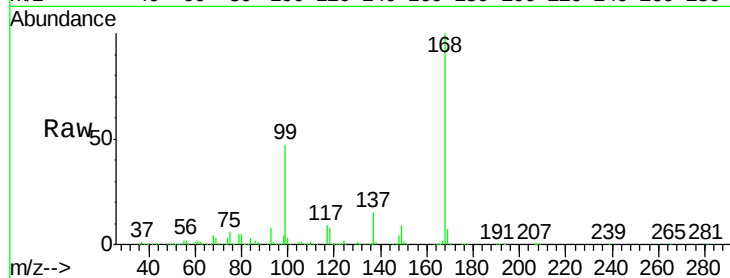
OR-03-062920

Tot Ion:168 Resp: 360795

Ion Ratio Lower Upper

168 100

99 46.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003034.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003034.D (-945) (-)

7.80

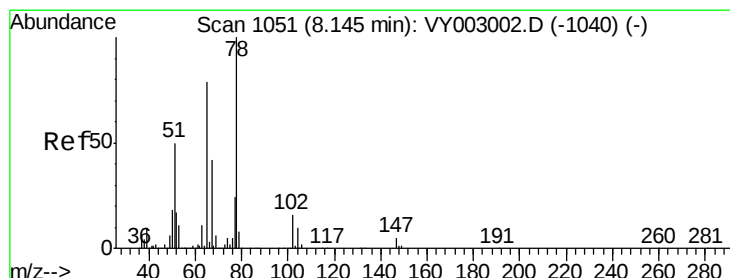
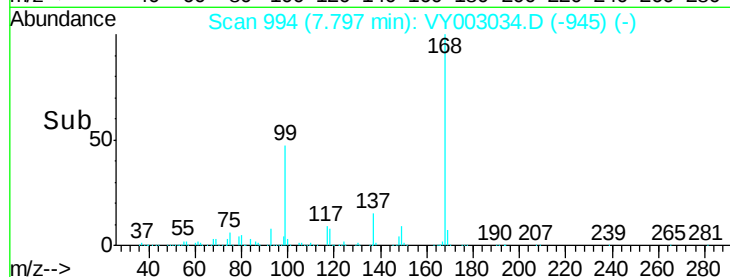
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.313 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003034.D

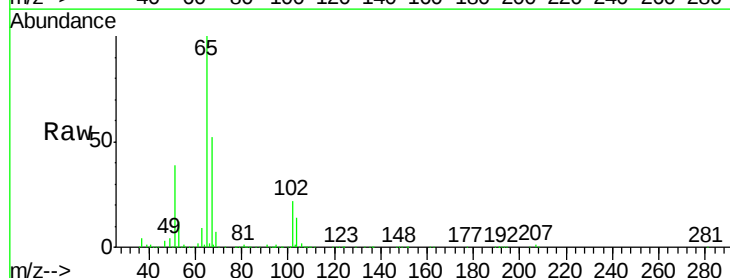
Acq: 30 Jun 2020 14:49

Tgt Ion: 65 Resp: 201795

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003034.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003034.D (-1002) (-)

8.15

100000

80000

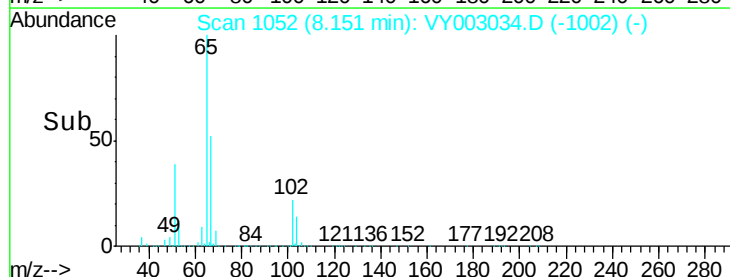
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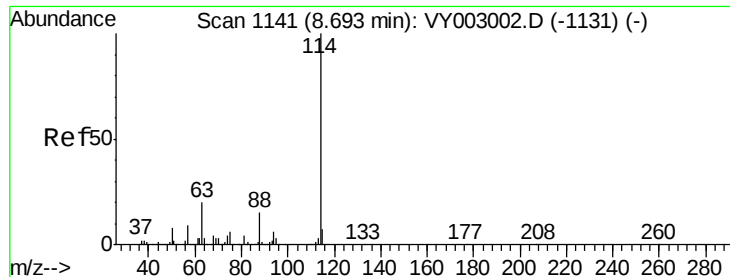
40000

20000

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Time-->

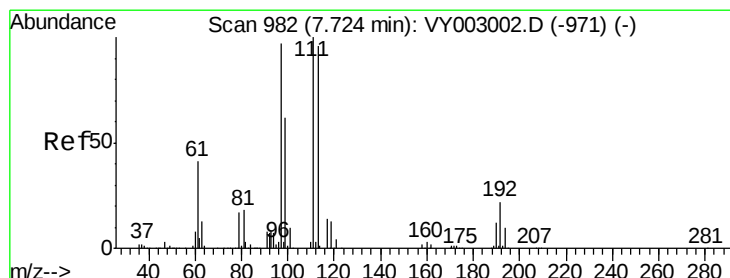
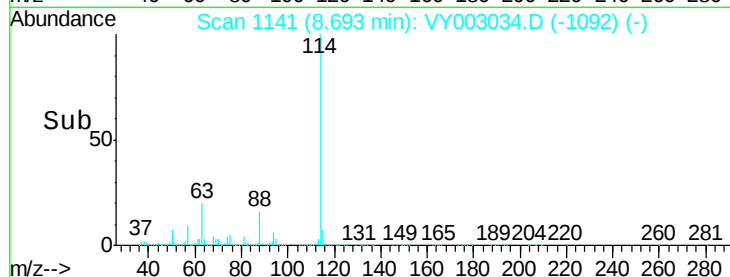
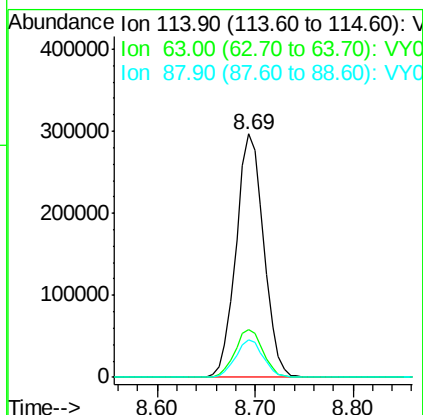
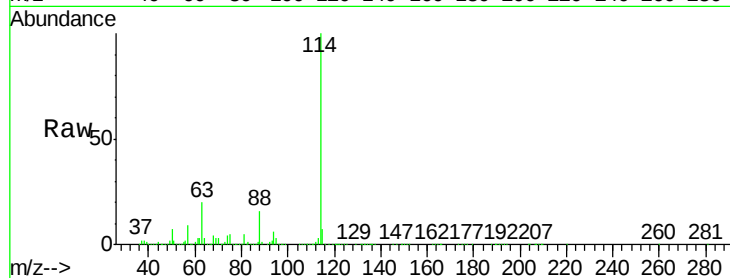




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003034.D
 Acq: 30 Jun 2020 14:49

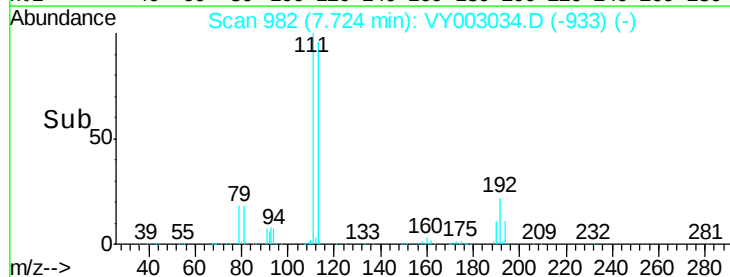
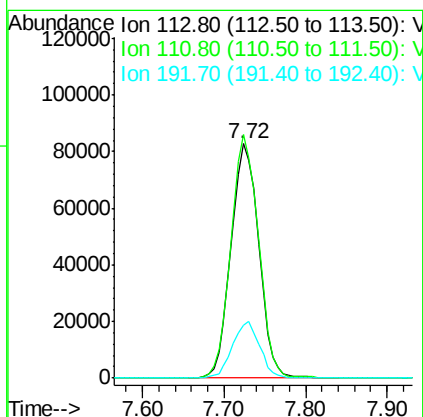
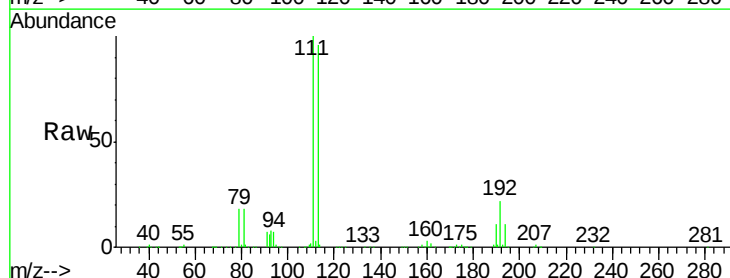
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-062920

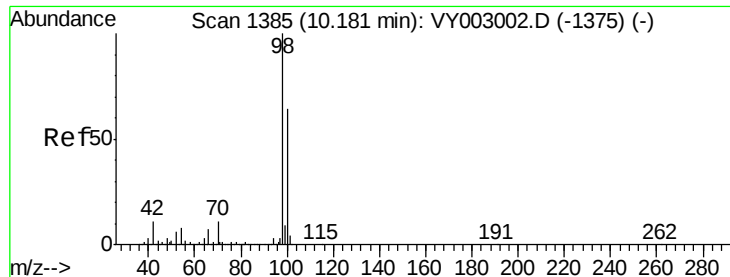
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.7	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 53.715 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003034.D
 Acq: 30 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	123.8
192	23.7	18.1	27.1





#50

Toluene-d8

Concen: 51.933 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003034.D

Acq: 30 Jun 2020 14:49

Instrument :

MSVOA_Y

ClientSampleId :

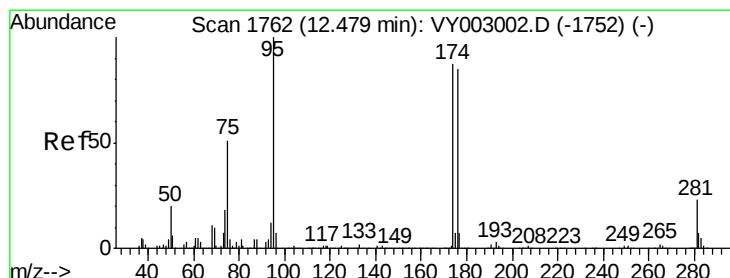
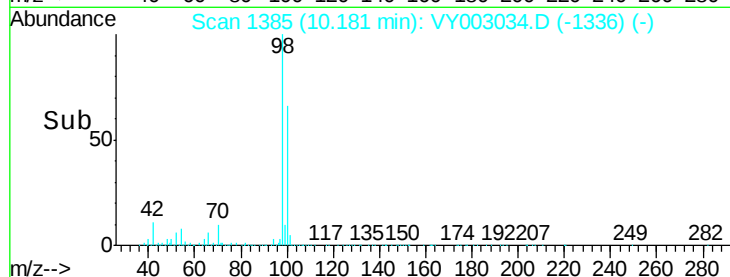
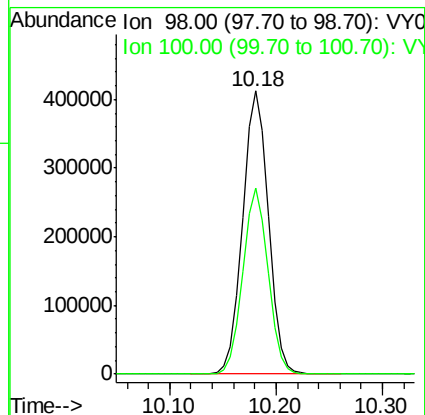
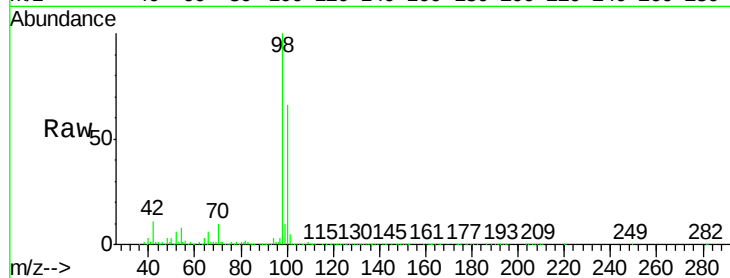
OR-03-062920

Tot Ion: 98 Resp: 701048

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 54.589 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003034.D

Acq: 30 Jun 2020 14:49

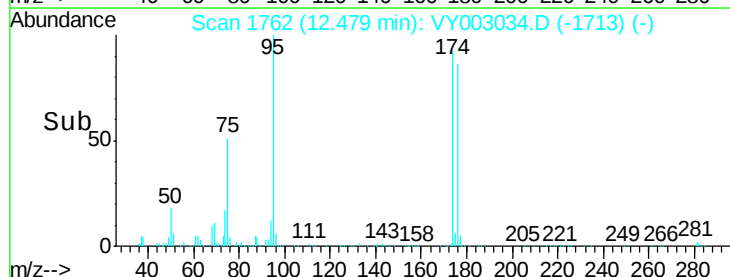
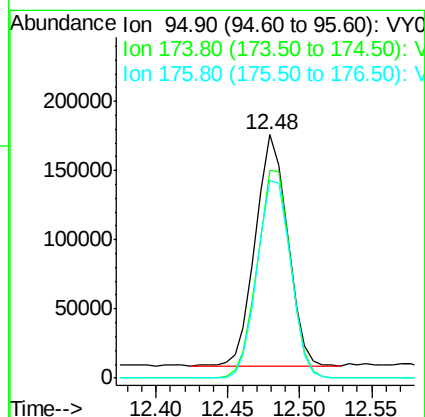
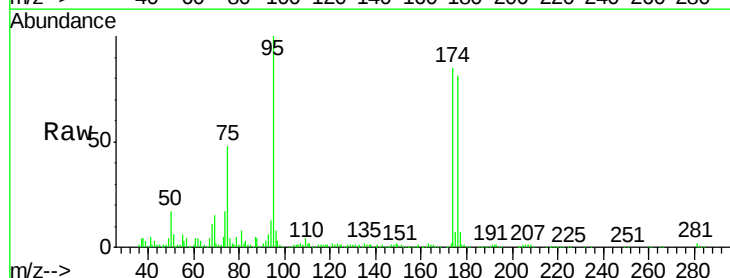
Tgt Ion: 95 Resp: 259390

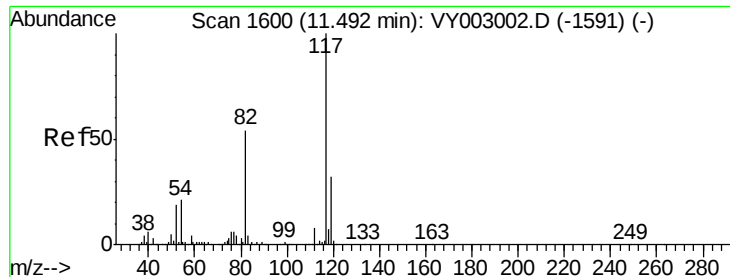
Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.8

176 88.5 0.0 183.0

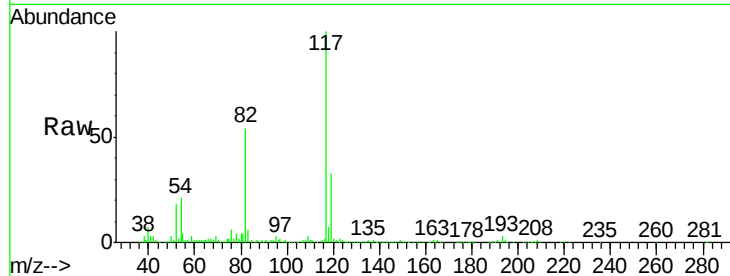




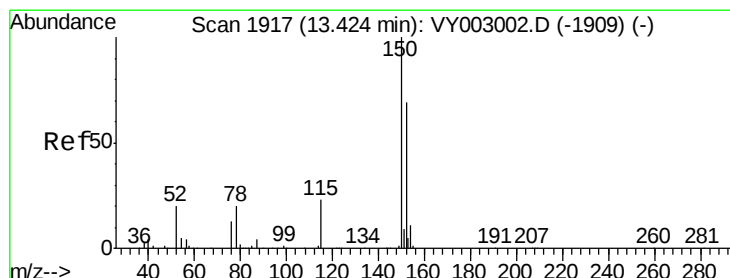
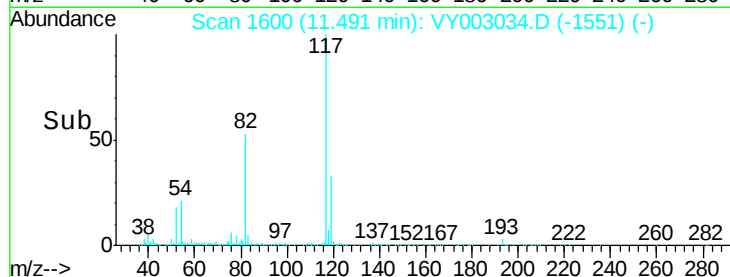
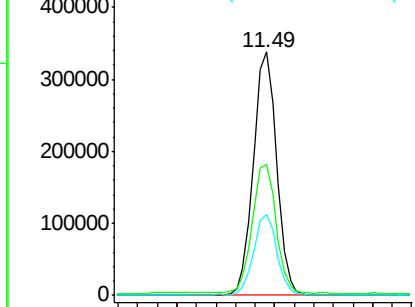
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062920

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.6
119	32.9	25.8	38.8

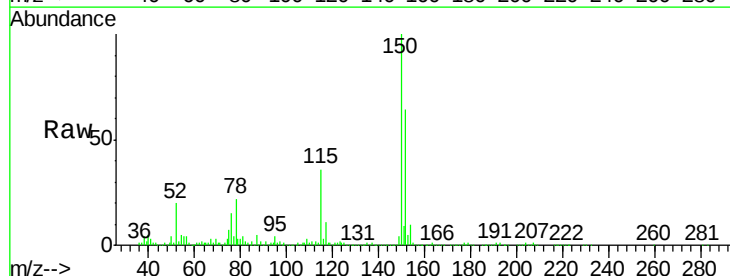


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

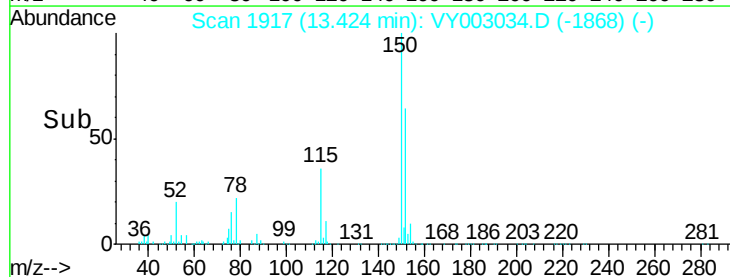
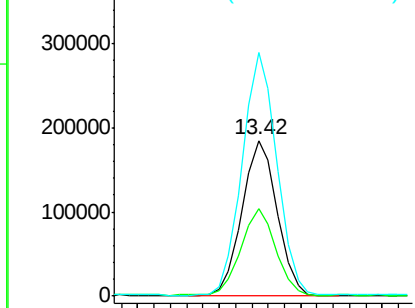


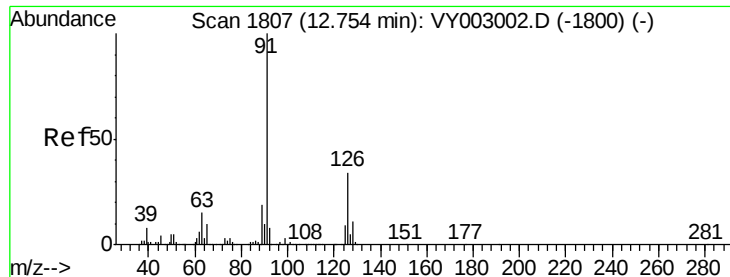
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	155.2	0.0	343.4



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

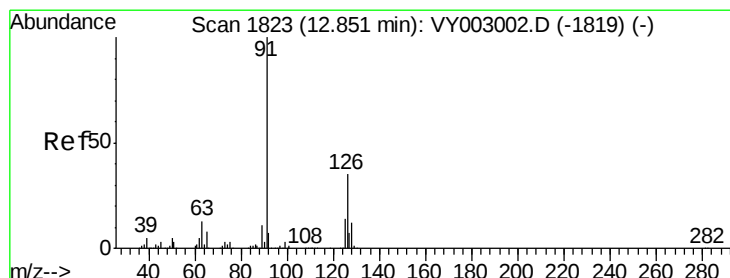
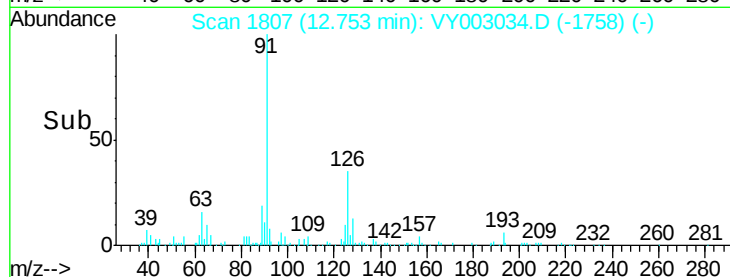
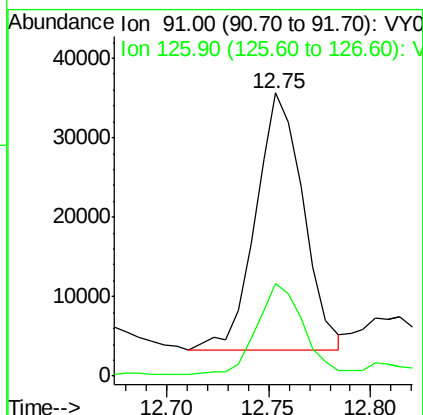
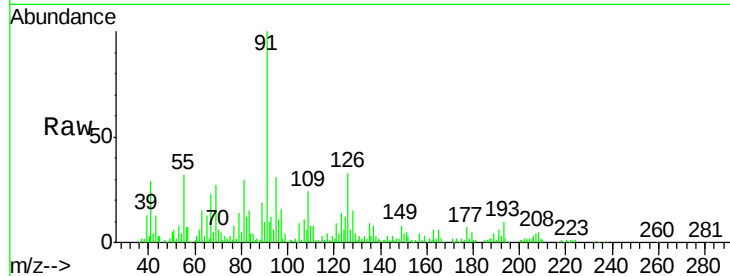




#79
2-Chlorotoluene
Concen: 4.312 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

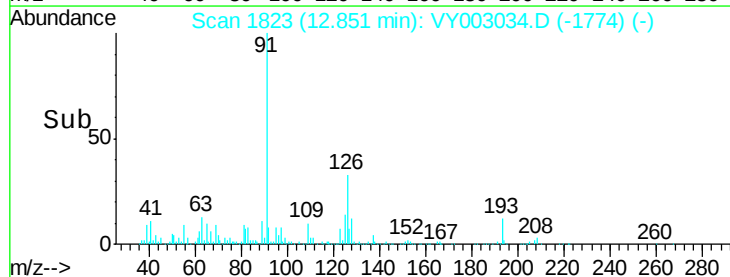
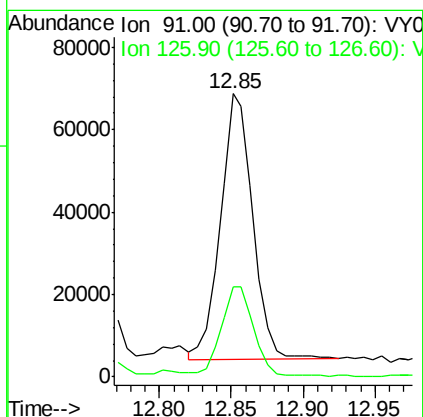
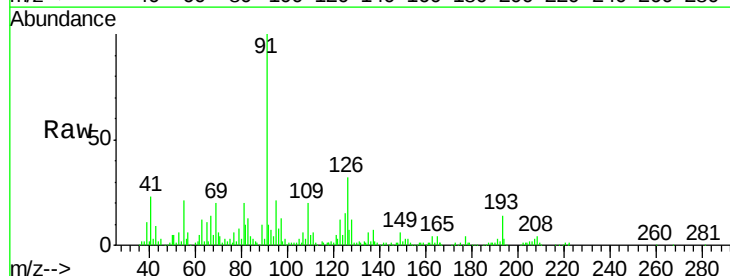
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-062920

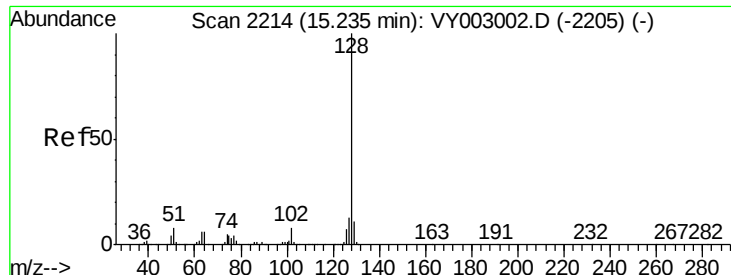
Tot Ion: 91 Resp: 52445
Ion Ratio Lower Upper
91 100
126 35.5 17.1 51.3



#82
4-Chlorotoluene
Concen: 7.984 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003034.D
Acq: 30 Jun 2020 14:49

Tgt Ion: 91 Resp: 101103
Ion Ratio Lower Upper
91 100
126 33.9 17.4 52.3





#95

Naphthalene

Concen: 1.079 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003034.D

Acq: 30 Jun 2020 14:49

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-062920

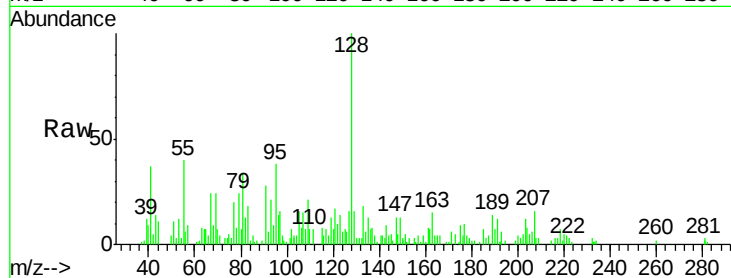
Tot Ion:128 Resp: 11397

Ion Ratio Lower Upper

128 100

127 19.9 10.8 16.2#

129 12.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

