

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001614.D
 Acq On : 12 Feb 2020 16:51
 Operator : SY/MD
 Sample : L1370-01
 Misc : 7.23G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-021220

Quant Time: Feb 13 08:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

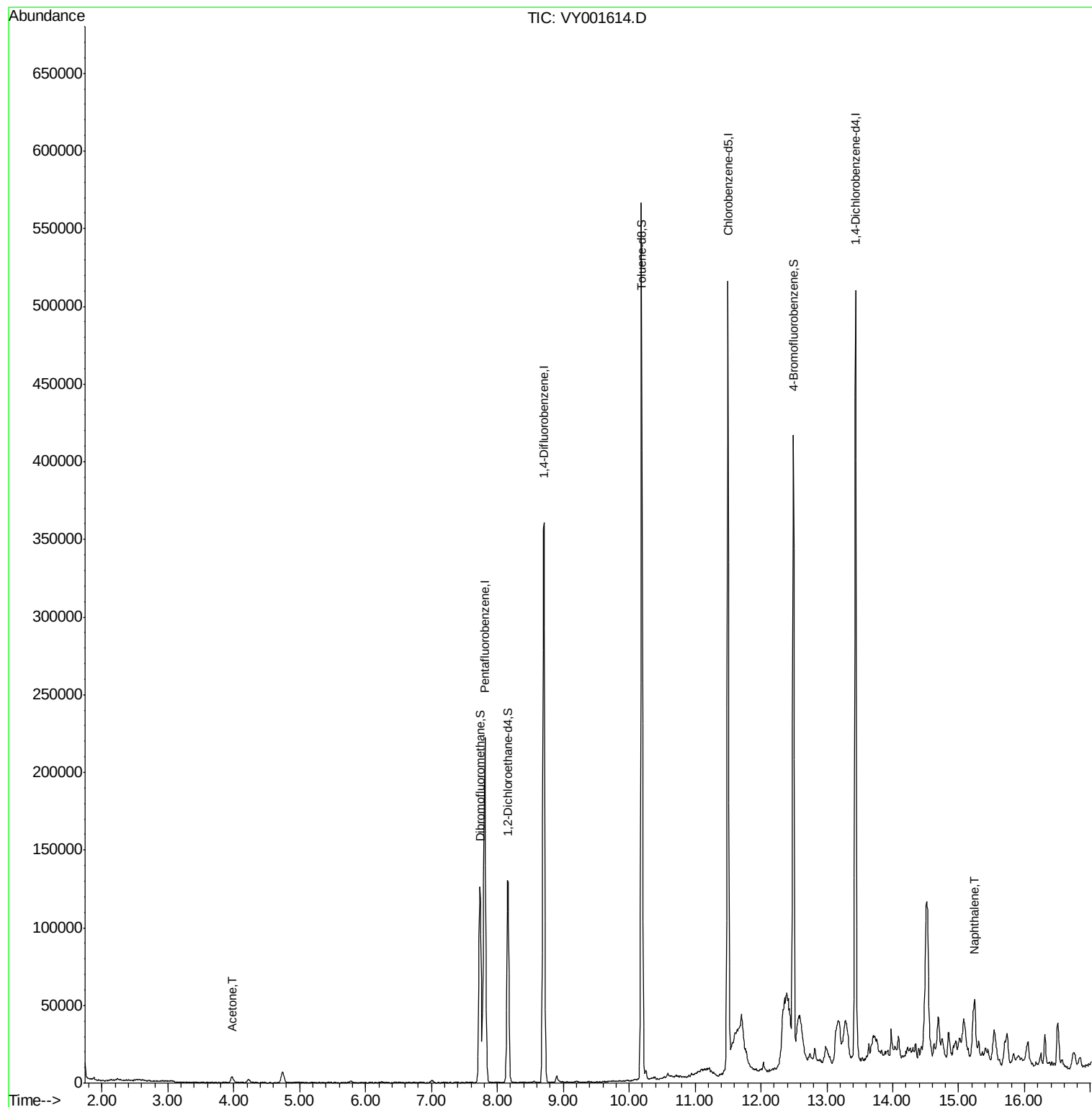
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	174234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	311831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	275113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	118593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	97797	55.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.50%	
35) Dibromofluoromethane	7.74	113	91168	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.19	98	373578	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
62) 4-Bromofluorobenzene	12.49	95	127164	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
Target Compounds						
16) Acetone	3.98	43	7432	14.646	ug/l #	80
95) Naphthalene	15.25	128	20293	3.769	ug/l #	91

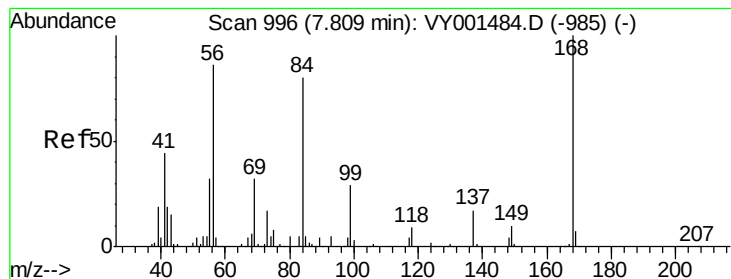
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001614.D

Acq: 12 Feb 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

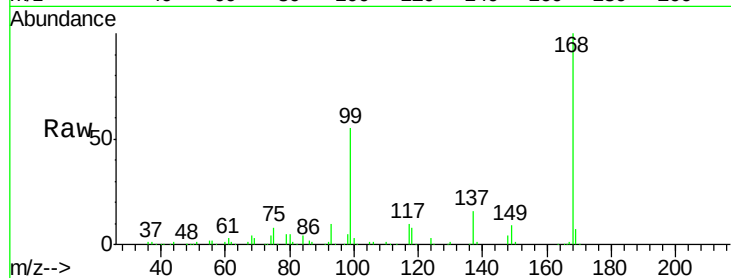
OR-02-021220

Tot Ion:168 Resp: 174234

Ion Ratio Lower Upper

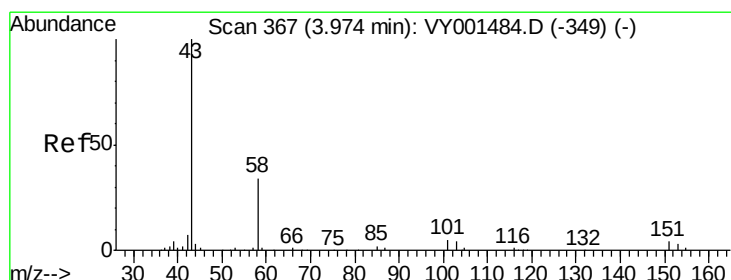
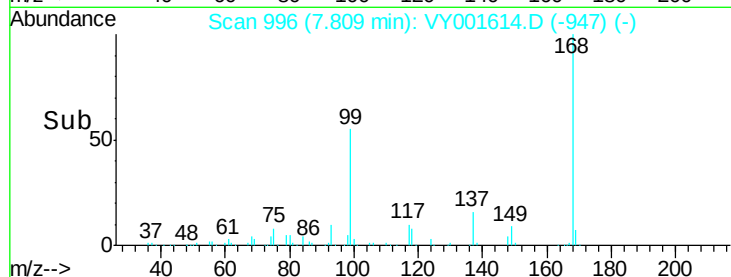
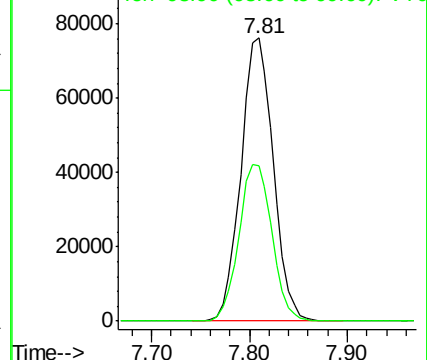
168 100

99 55.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#16

Acetone

Concen: 14.646 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001614.D

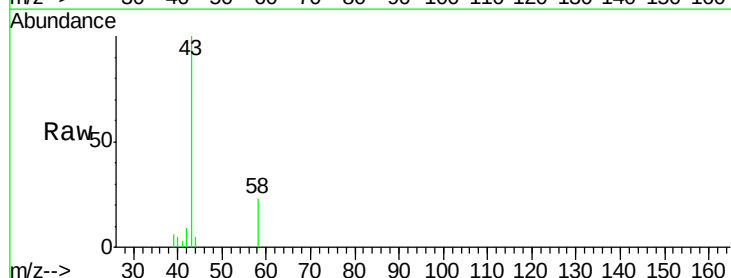
Acq: 12 Feb 2020 16:51

Tgt Ion: 43 Resp: 7432

Ion Ratio Lower Upper

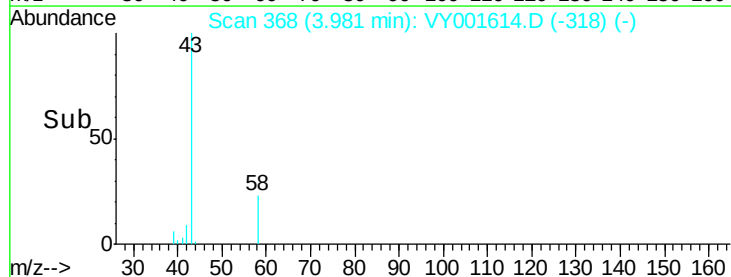
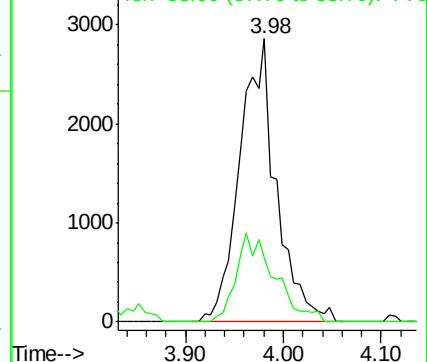
43 100

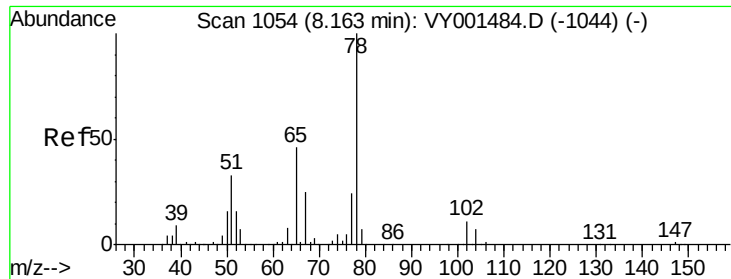
58 22.9 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

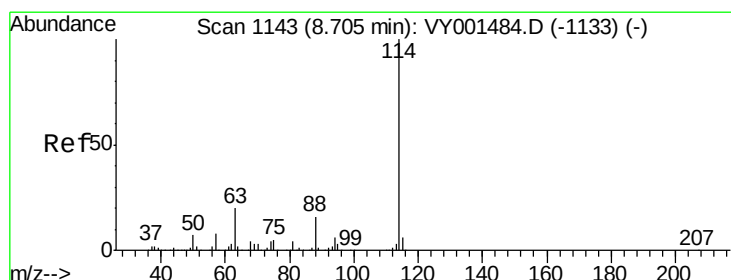
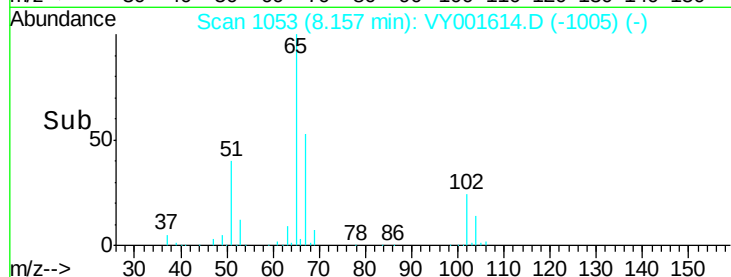
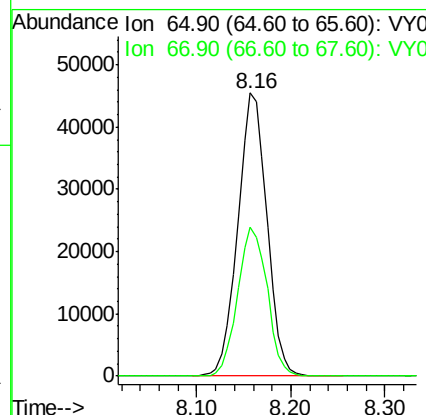
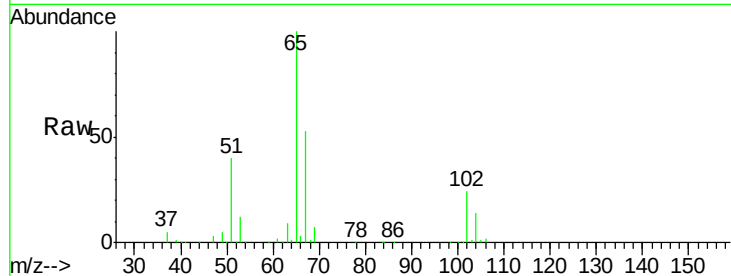




#33
 1,2-Dichloroethane-d4
 Concen: 55.748 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001614.D
 Acq: 12 Feb 2020 16:51

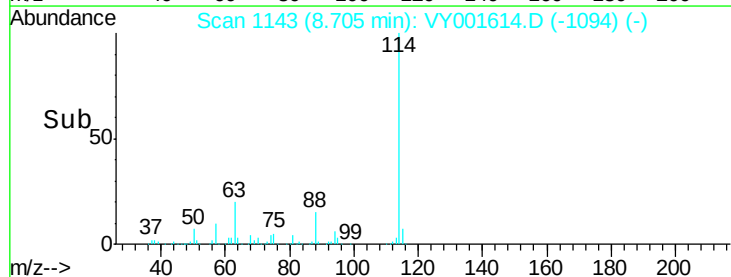
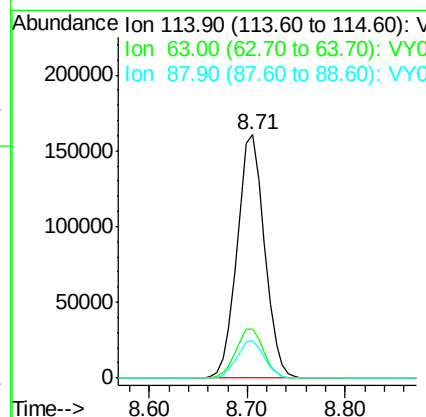
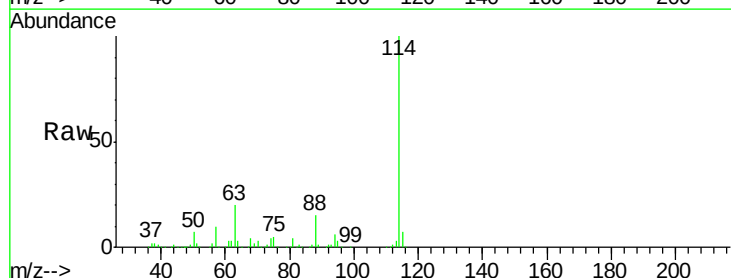
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-021220

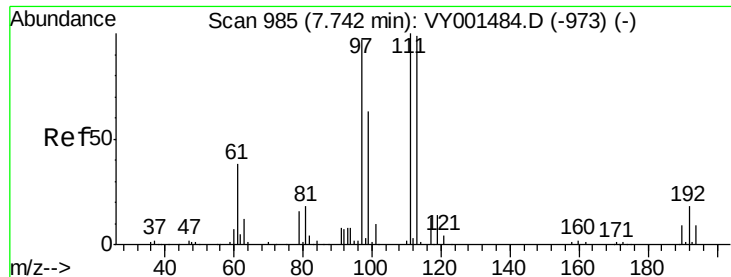
Tot Ion: 65 Resp: 97797
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001614.D
 Acq: 12 Feb 2020 16:51

Tgt Ion: 114 Resp: 311831
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.2 0.0 32.6

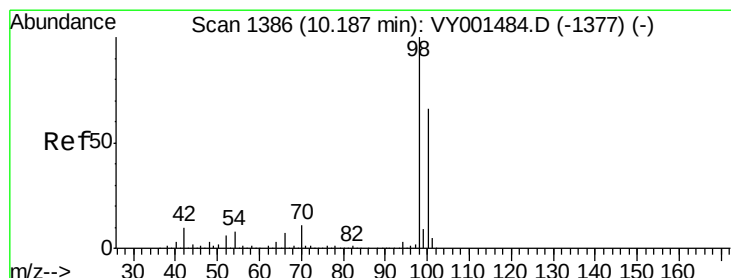
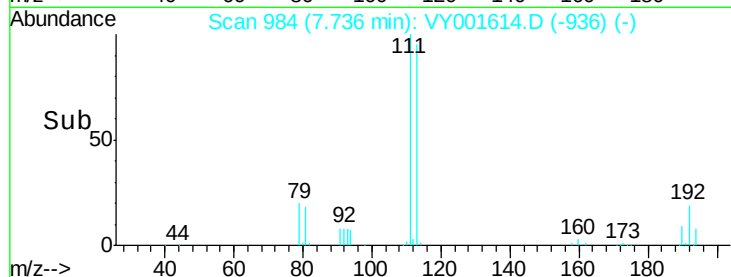
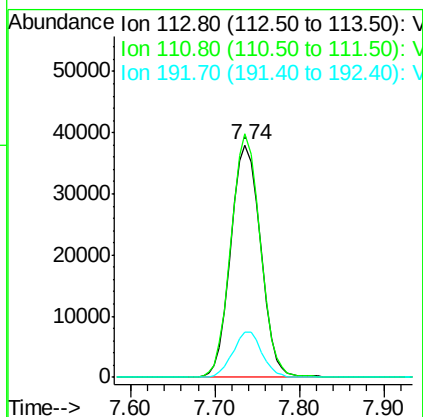
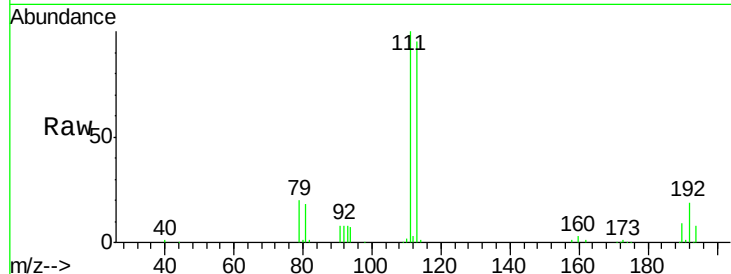




#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001614.D
Acq: 12 Feb 2020 16:51

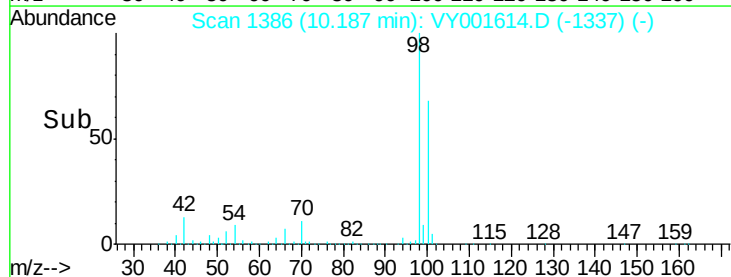
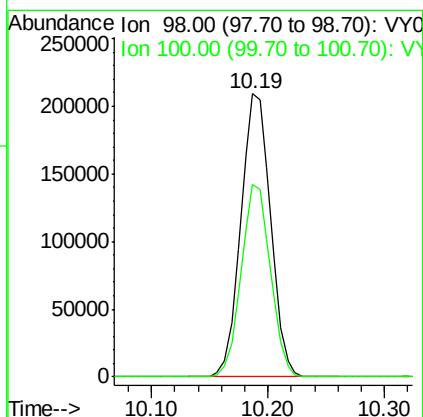
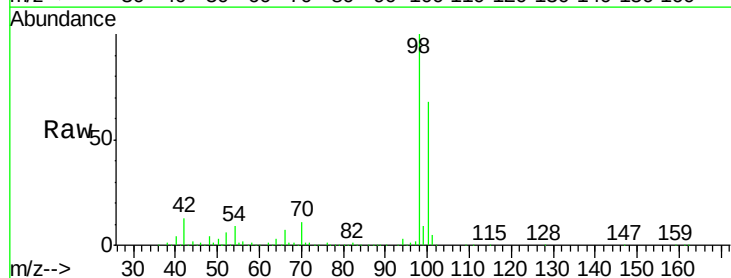
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-021220

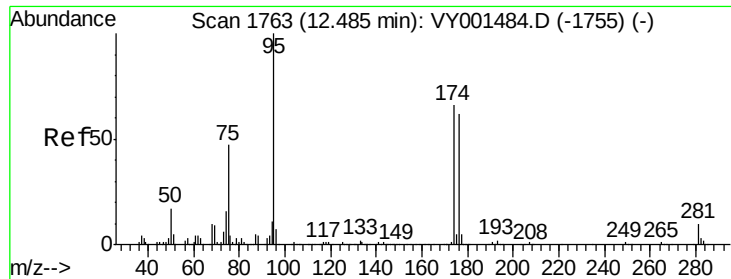
Tot Ion:113 Resp: 91168
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.1 14.6 22.0



#50
Toluene-d8
Concen: 54.912 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001614.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 98 Resp: 373578
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

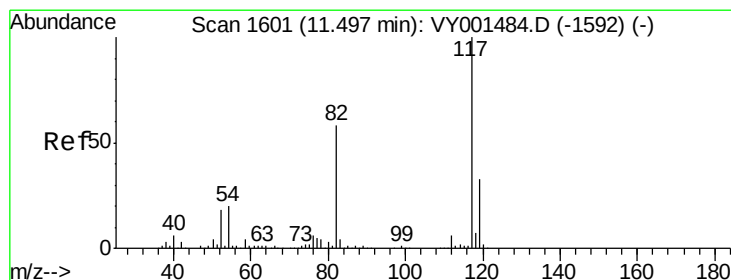
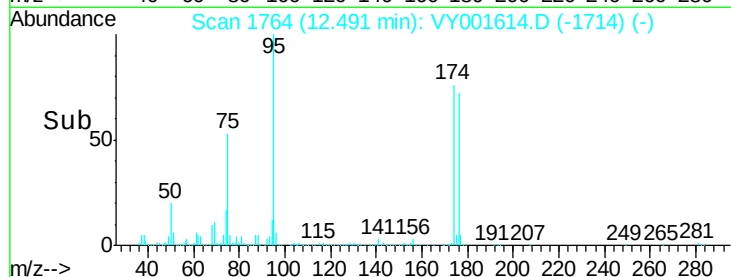
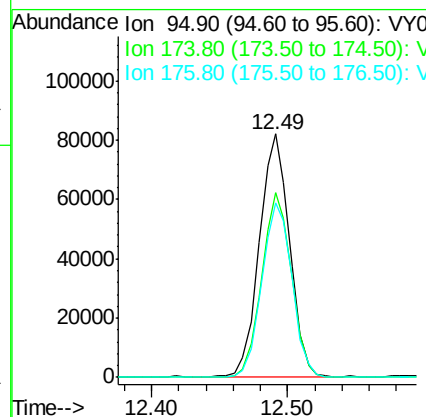
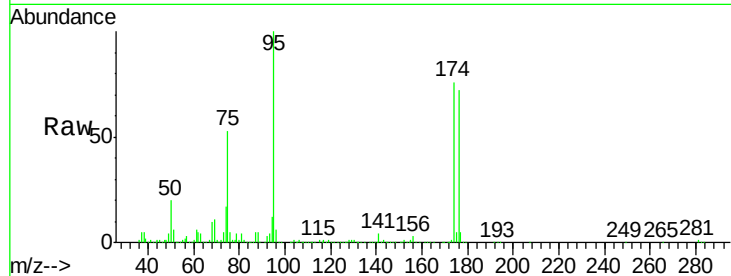




#62
4-Bromofluorobenzene
Concen: 47.447 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001614.D
Acq: 12 Feb 2020 16:51

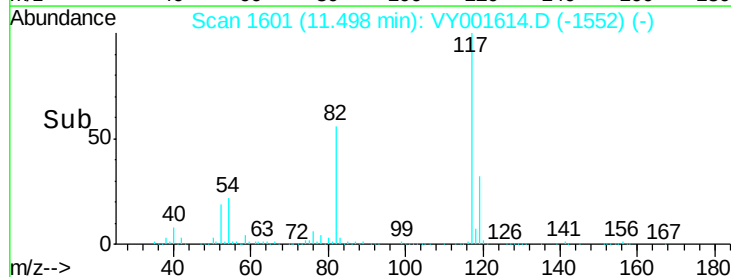
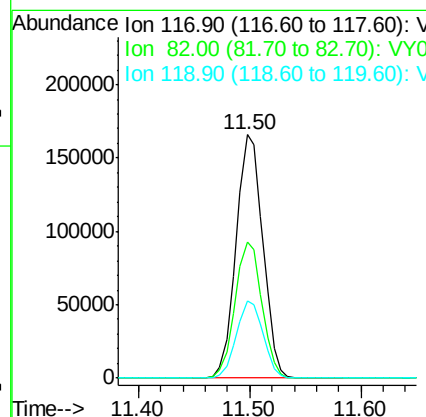
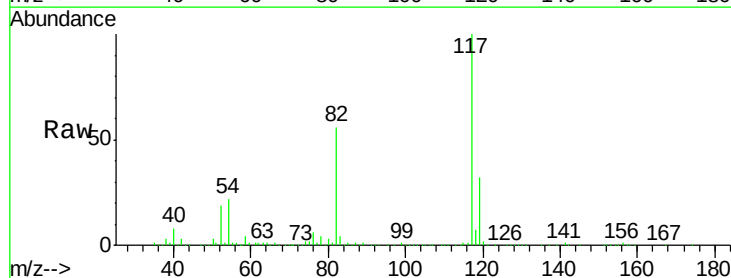
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-021220

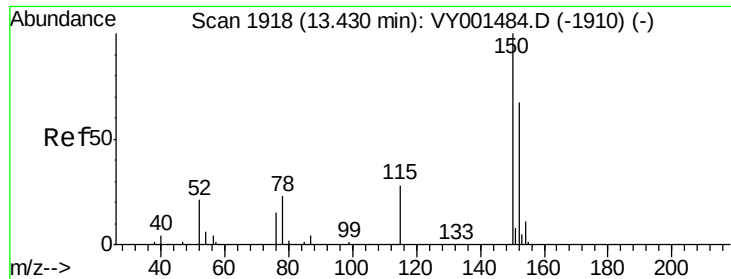
Tot Ion: 95 Resp: 127164
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.4
176 71.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001614.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 117 Resp: 275113
Ion Ratio Lower Upper
117 100
82 56.0 46.1 69.1
119 31.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001614.D

Acq: 12 Feb 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-021220

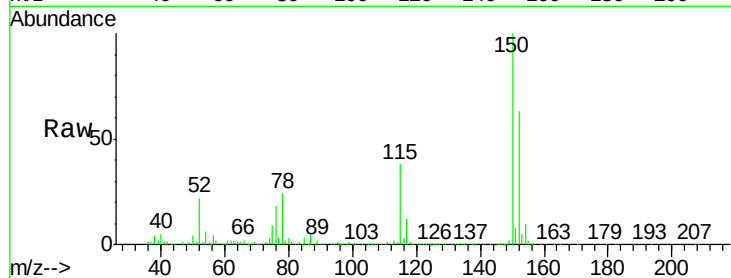
Tot Ion:152 Resp: 118593

Ion Ratio Lower Upper

152 100

115 60.1 31.4 94.3

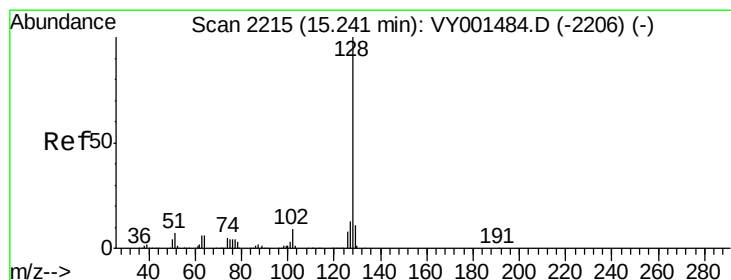
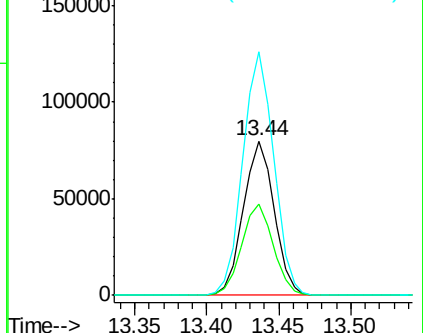
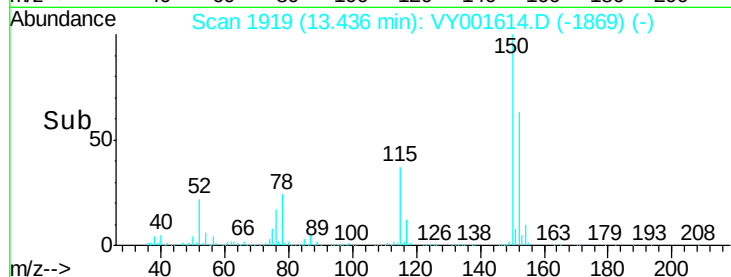
150 158.7 0.0 346.8



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



#95

Naphthalene

Concen: 3.769 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001614.D

Acq: 12 Feb 2020 16:51

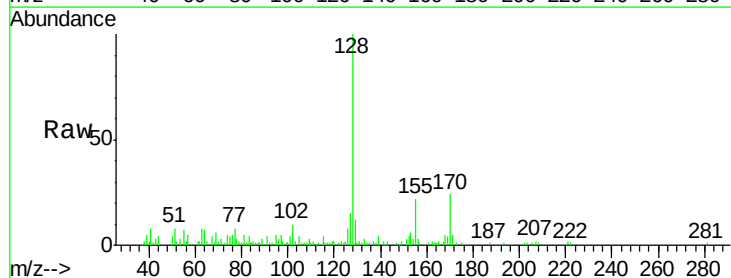
Tgt Ion:128 Resp: 20293

Ion Ratio Lower Upper

128 100

127 16.8 10.1 15.1#

129 14.2 8.9 13.3#



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

