

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001617.D
 Acq On : 12 Feb 2020 17:57
 Operator : SY/MD
 Sample : TEST-02
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 13 08:22:30 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

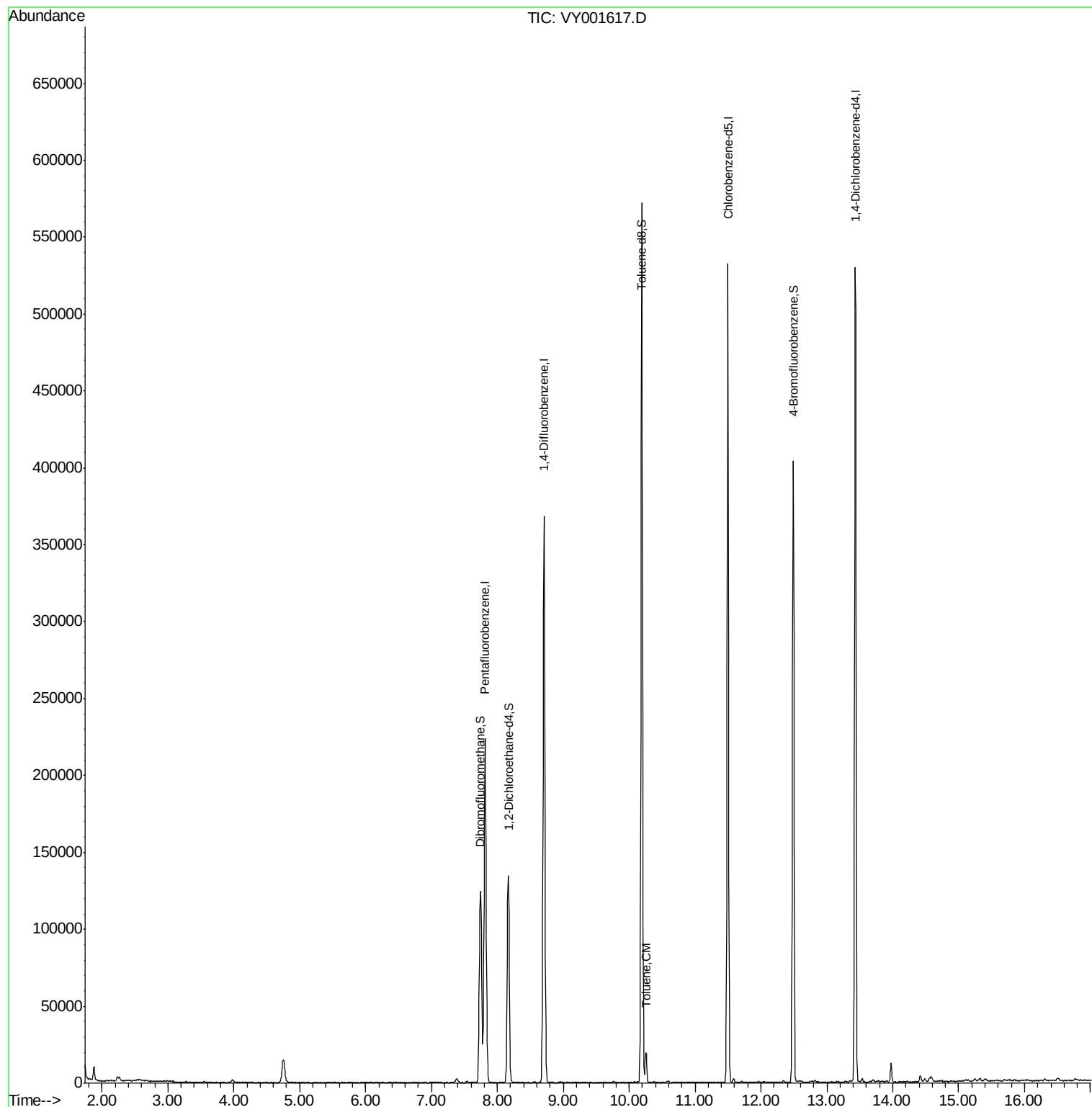
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	173134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	280490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101731	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
35) Dibromofluoromethane	7.74	113	89724	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.19	98	375434	55.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.92%	
62) 4-Bromofluorobenzene	12.49	95	130234	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
52) Toluene	10.25	92	8098	1.576	ug/l	Qvalue 92

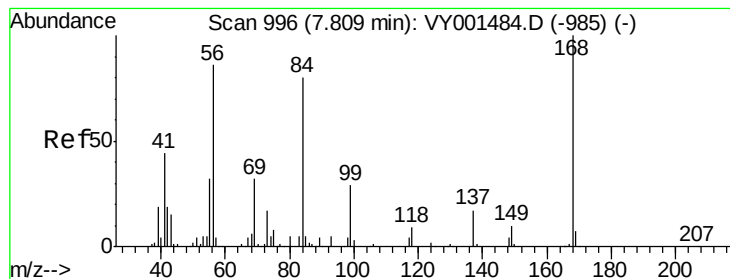
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001617.D

Acq: 12 Feb 2020 17:57

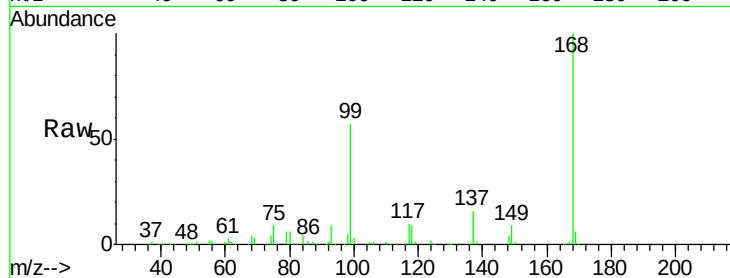
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 173134

Ion Ratio Lower Upper

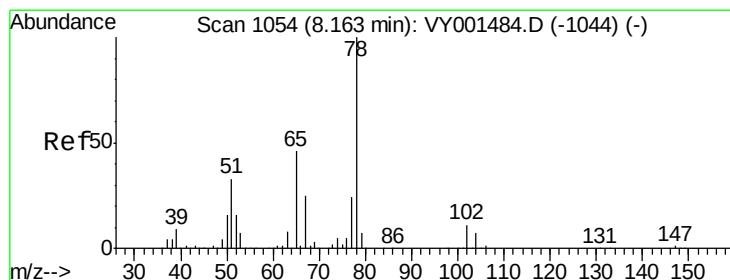
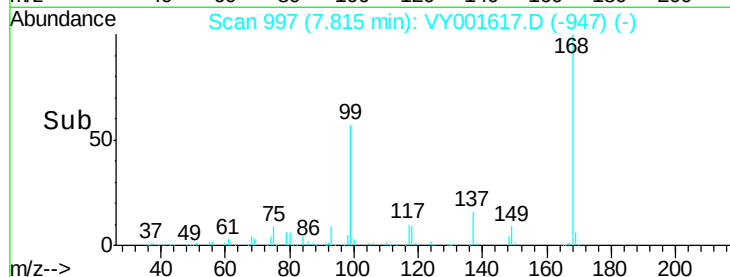
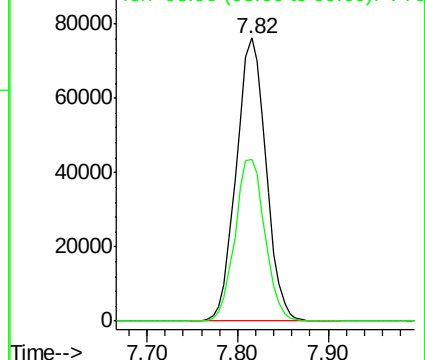
168 100

99 57.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001617.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001617.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.358 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY001617.D

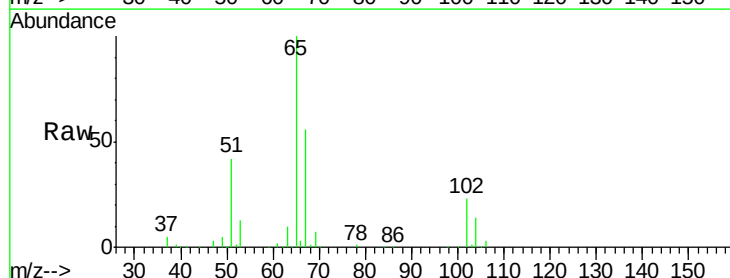
Acq: 12 Feb 2020 17:57

Tgt Ion: 65 Resp: 101731

Ion Ratio Lower Upper

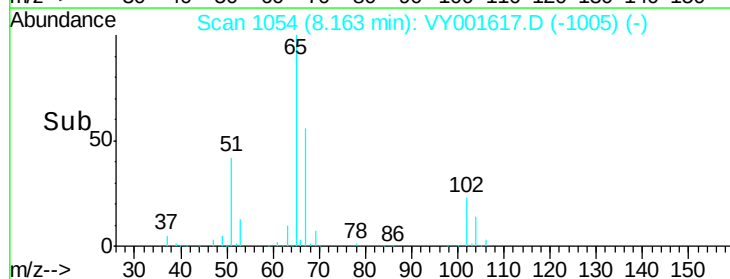
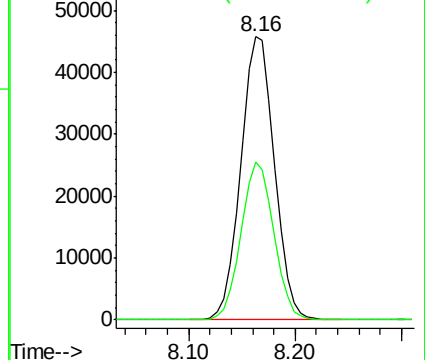
65 100

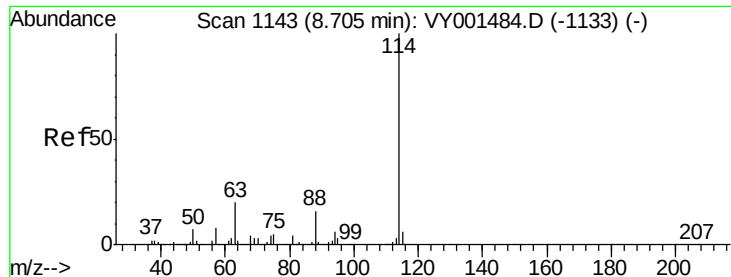
67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001617.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001617.D (-1005) (-)

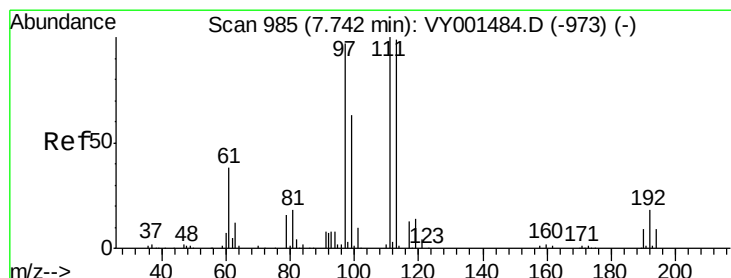
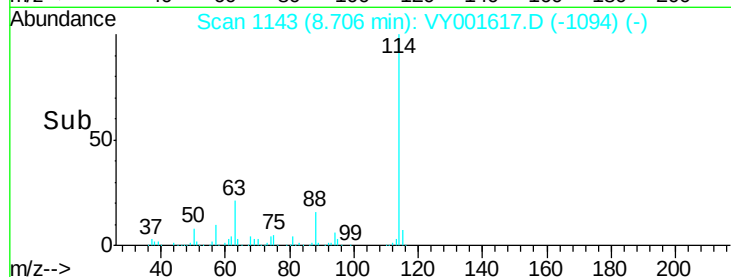
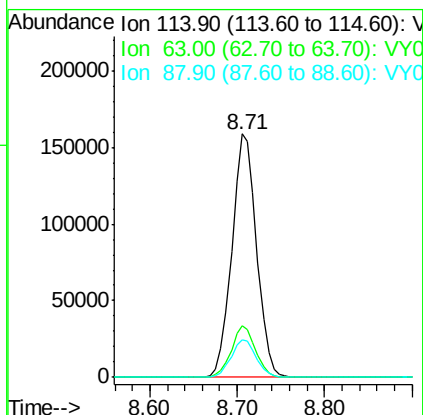
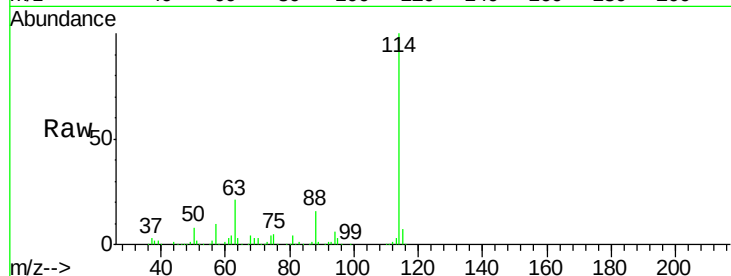




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001617.D
 Acq: 12 Feb 2020 17:57

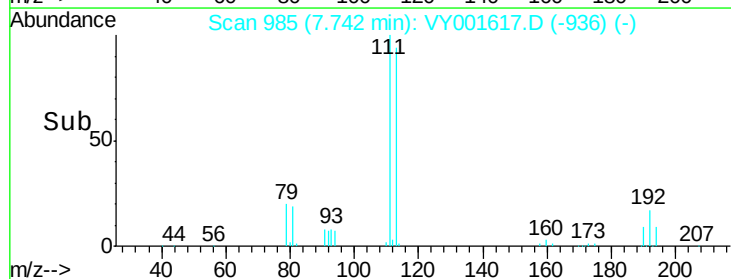
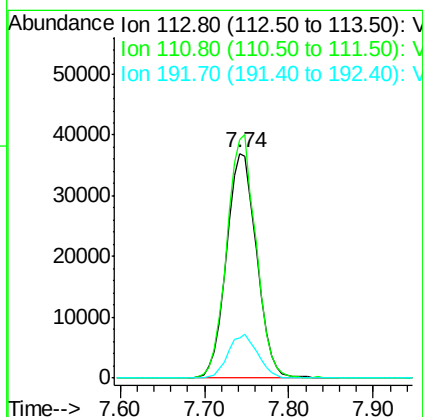
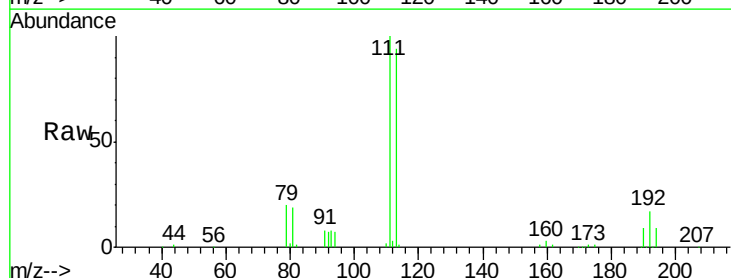
Instrument :
 MSVOA_Y
 ClientSampleId :

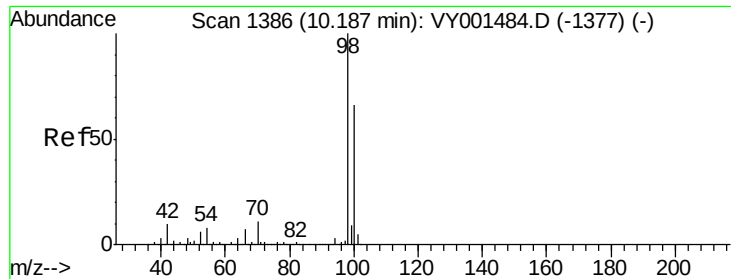
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.8
88	15.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.150 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001617.D
 Acq: 12 Feb 2020 17:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.9	124.3
192	19.1	14.6	22.0





#50

Toluene-d8

Concen: 55.464 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001617.D

Acq: 12 Feb 2020 17:57

Instrument :

MSVOA_Y

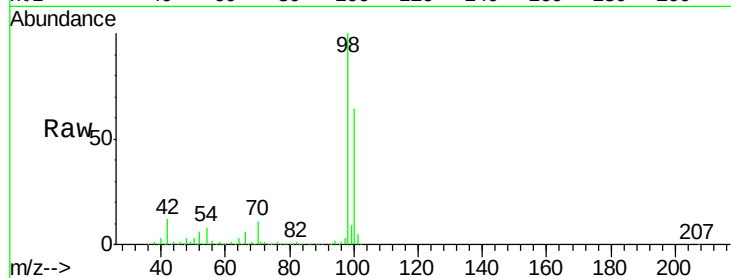
ClientSampled :

Tot Ion: 98 Resp: 375434

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

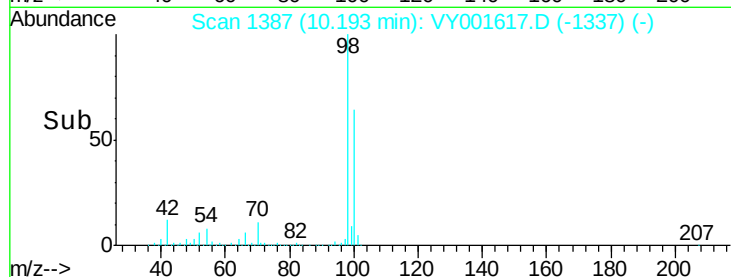
100000

50000

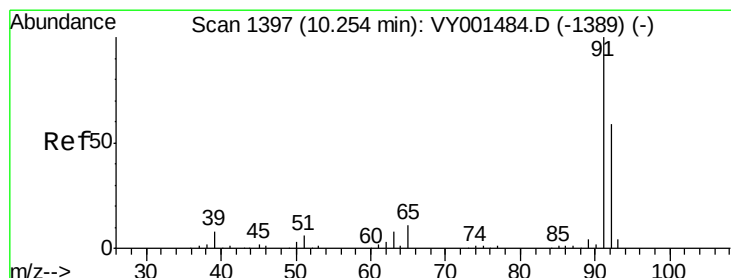
0

10.10

10.20



Time-->



#52

Toluene

Concen: 1.576 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001617.D

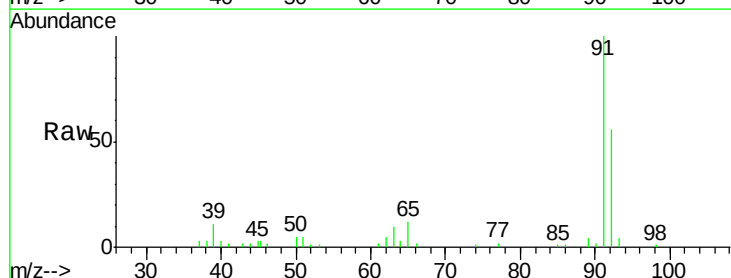
Acq: 12 Feb 2020 17:57

Tgt Ion: 92 Resp: 8098

Ion Ratio Lower Upper

92 100

91 181.3 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

8000

6000

4000

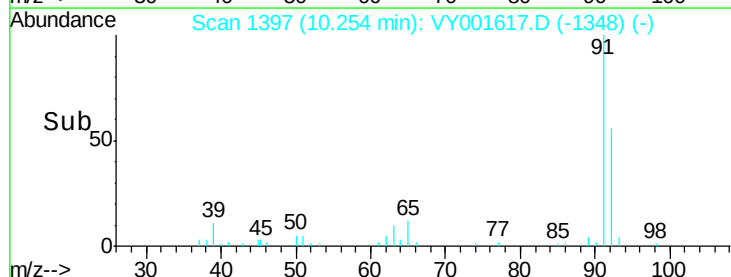
2000

0

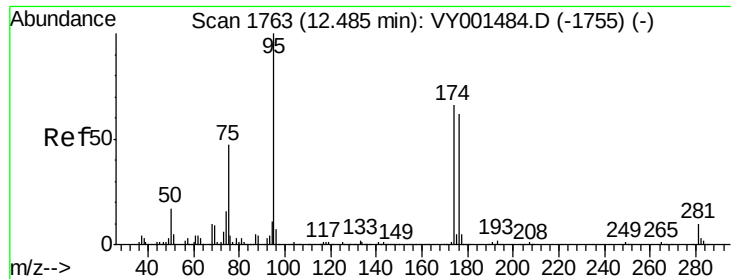
10.20

10.25

10.30



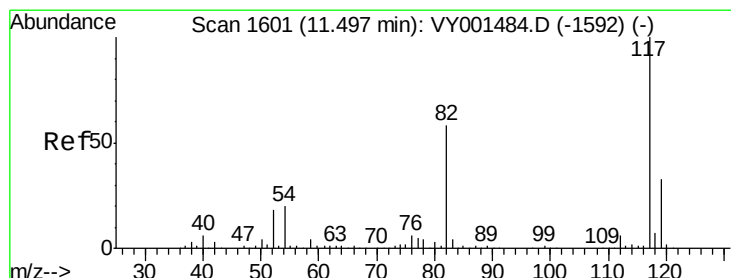
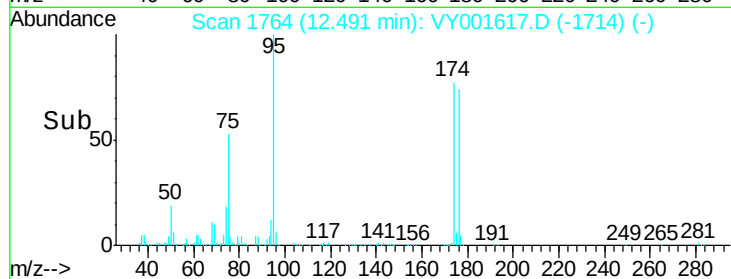
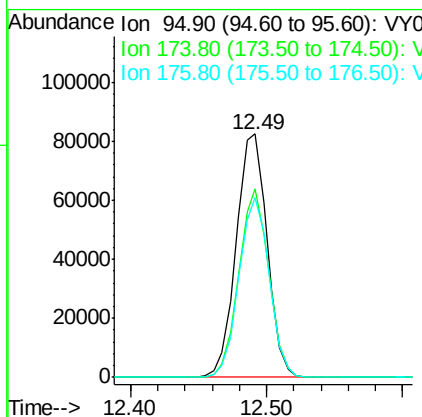
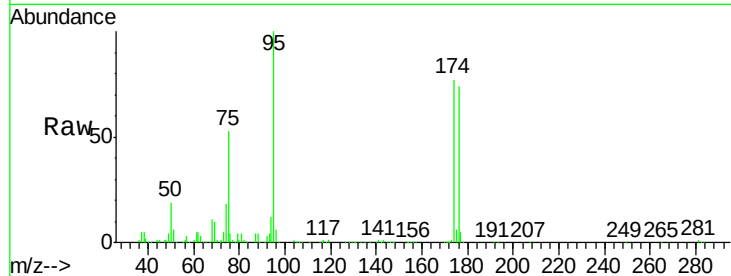
Time-->



#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001617.D
Acq: 12 Feb 2020 17:57

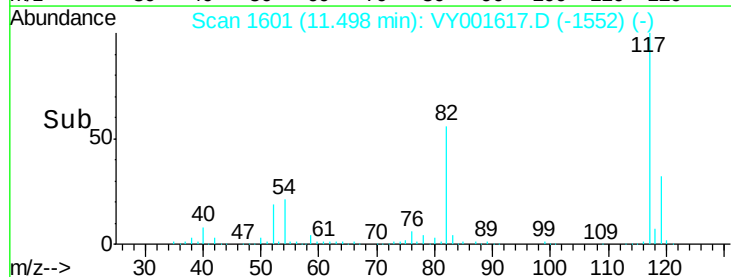
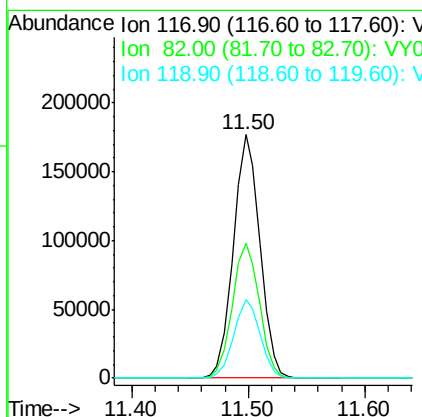
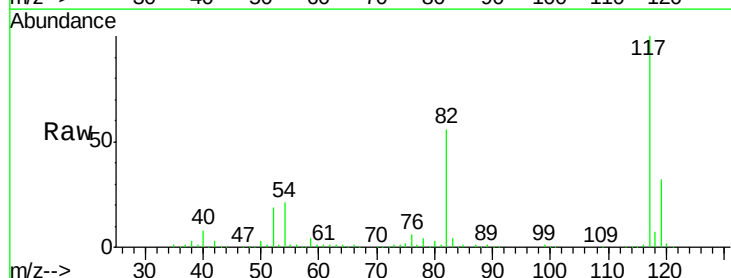
Instrument :
MSVOA_Y
ClientSampled :

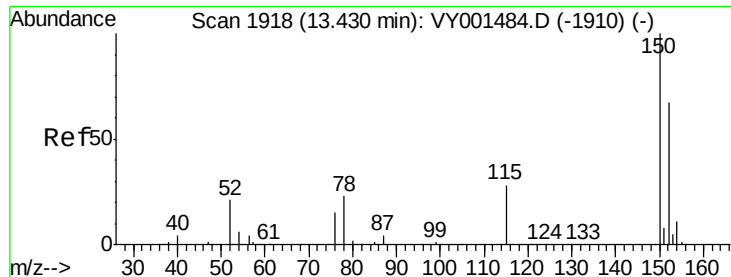
Tot Ion: 95 Resp: 130234
Ion Ratio Lower Upper
95 100
174 75.0 0.0 141.4
176 72.8 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001617.D
Acq: 12 Feb 2020 17:57

Tgt Ion: 117 Resp: 280490
Ion Ratio Lower Upper
117 100
82 55.6 46.1 69.1
119 32.1 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

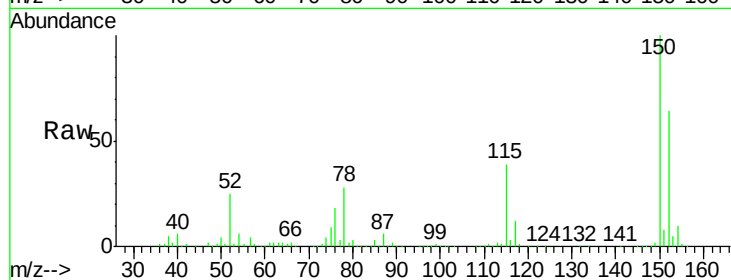
Lab File: VY001617.D

Acq: 12 Feb 2020 17:57

Instrument :

MSVOA_Y

ClientSampleId :



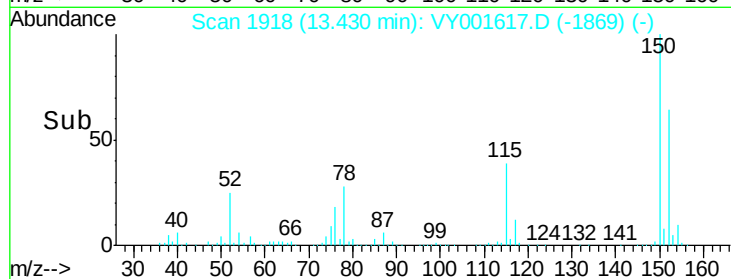
Tot Ion:152 Resp: 128935

Ion Ratio Lower Upper

152 100

115 61.4 31.4 94.3

150 158.4 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

