

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000340.D
 Acq On : 17 Oct 2019 12:48
 Operator : SY/MD
 Sample : K5401-02
 Misc : 5.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200036-RT1488

Quant Time: Oct 17 18:18:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	282916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	477810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	401838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175311	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	158331	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.74	113	134950	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	10.19	98	555040	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.49	95	182503	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	

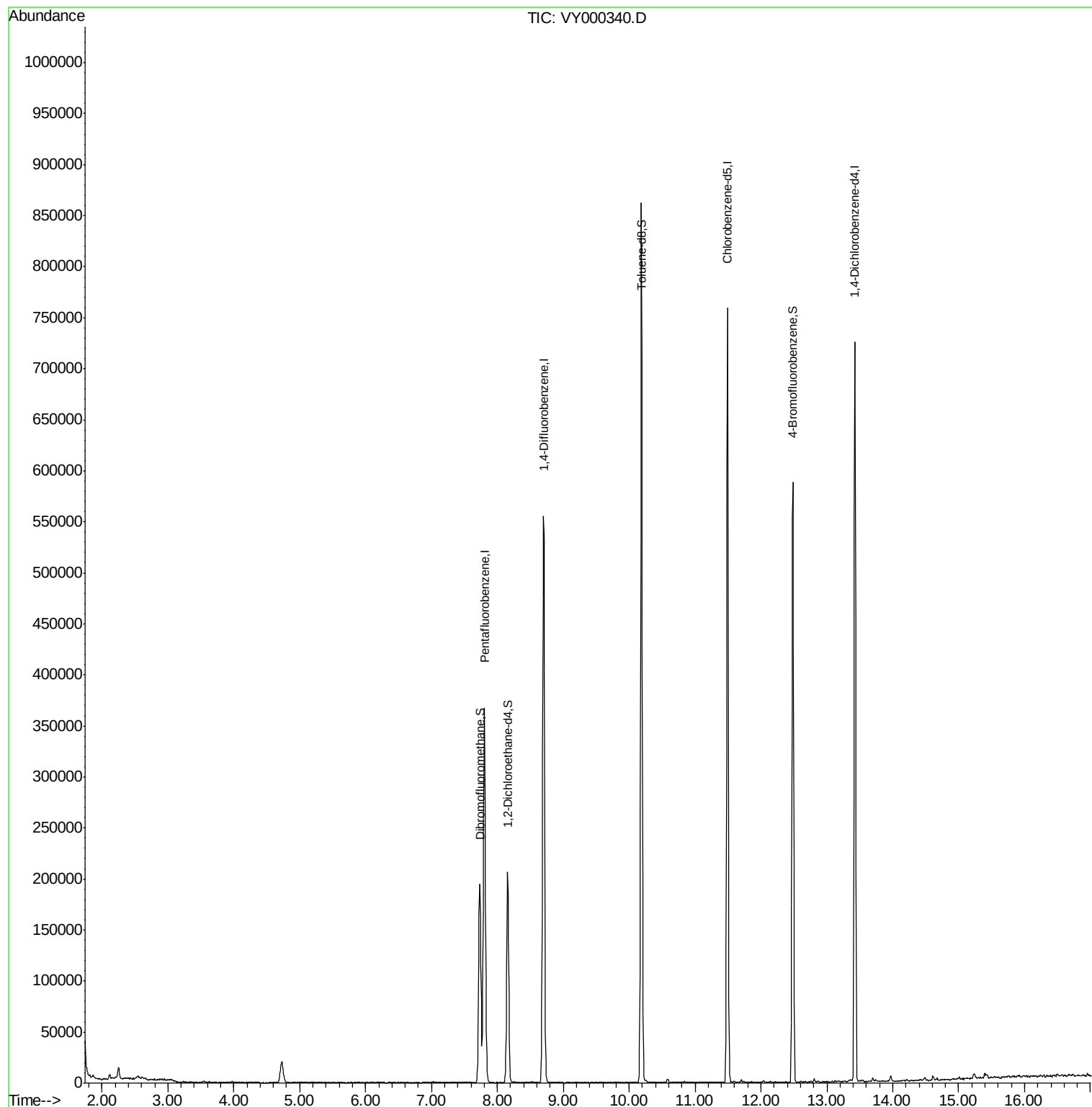
Target Compounds	Qvalue

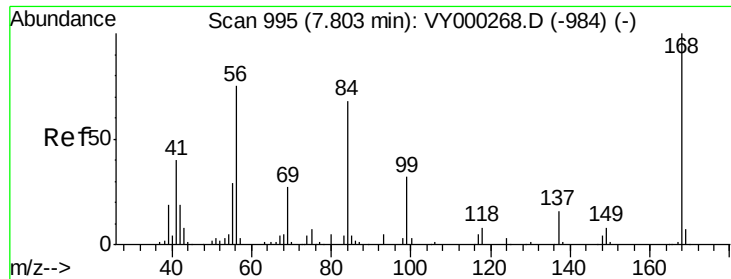
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000340.D

Acq: 17 Oct 2019 12:48

Instrument :

MSVOA_Y

ClientSampleId :

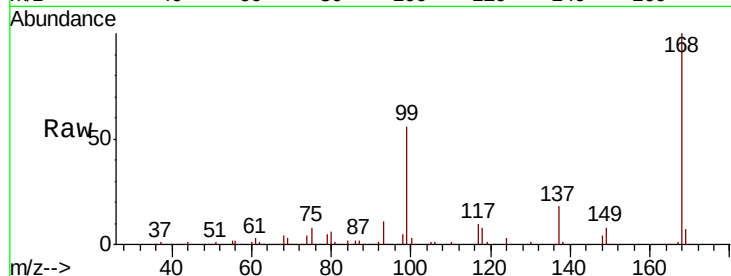
RBR200036-RT1488

Tot Ion:168 Resp: 282916

Ion Ratio Lower Upper

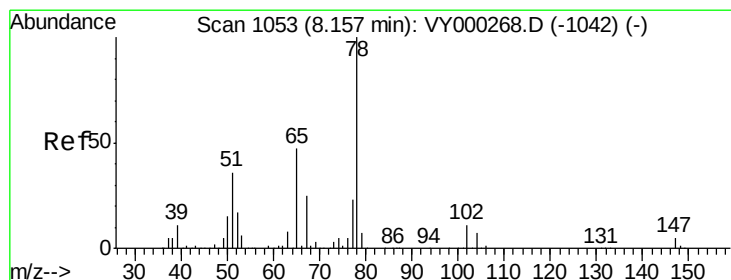
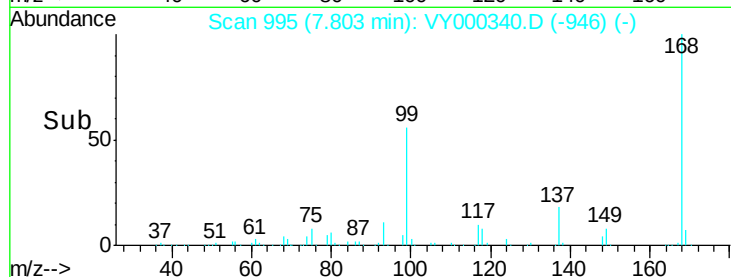
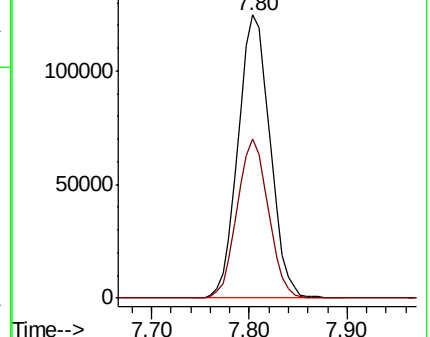
168 100

99 56.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000340.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000340.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.054 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000340.D

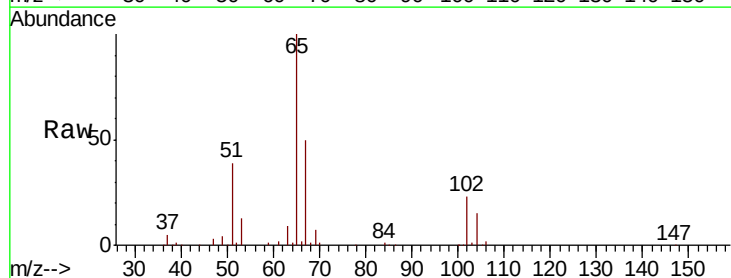
Acq: 17 Oct 2019 12:48

Tgt Ion: 65 Resp: 158331

Ion Ratio Lower Upper

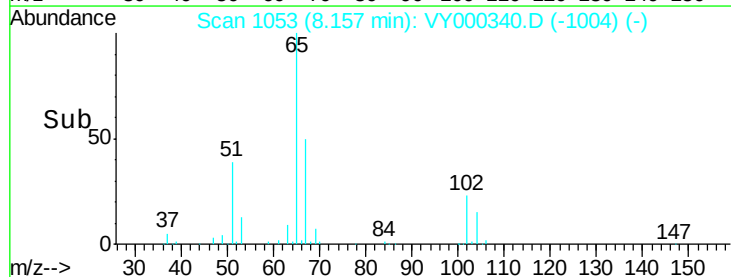
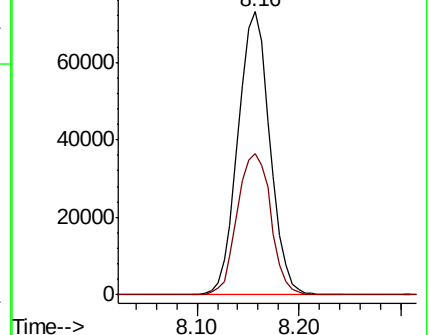
65 100

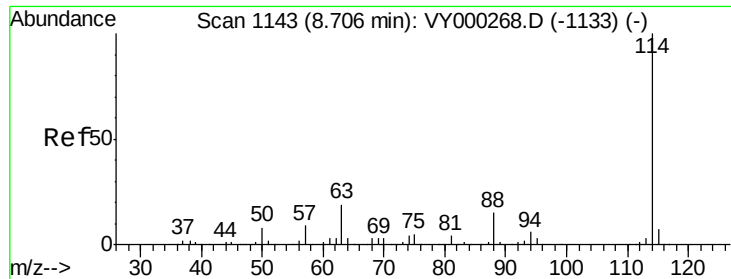
67 52.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000340.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000340.D (-1004) (-)

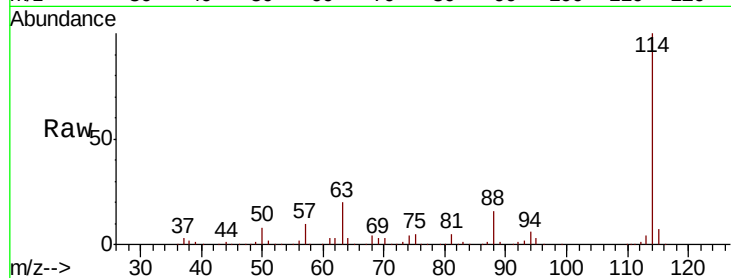




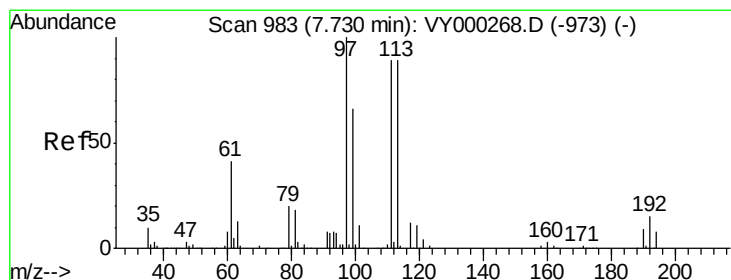
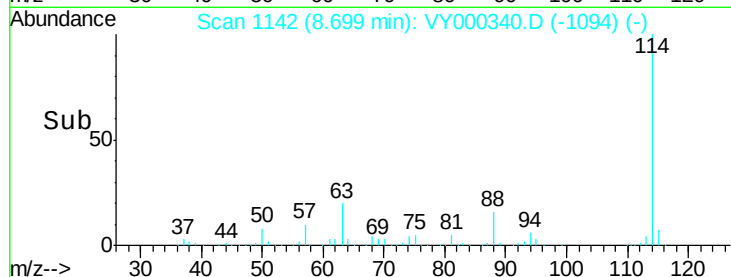
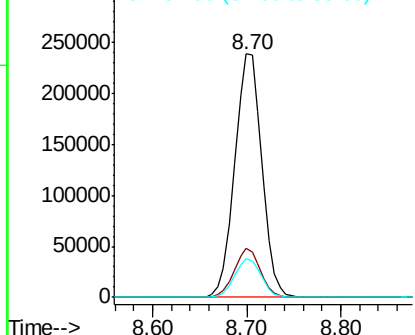
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000340.D
 Acq: 17 Oct 2019 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200036-RT1488

Tot Ion:114 Resp: 477810
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.2
 88 15.7 0.0 30.2

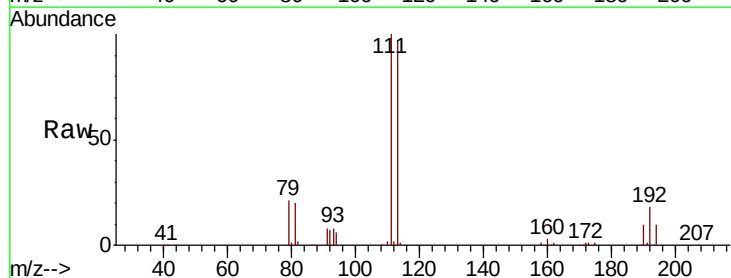


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

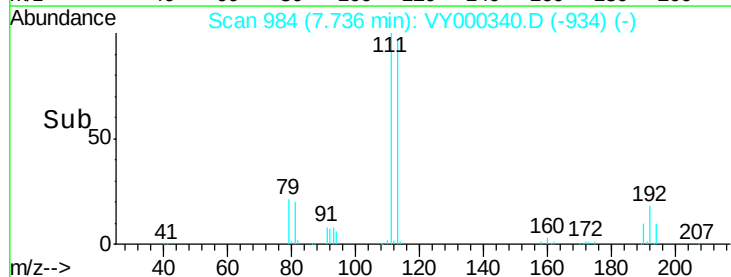
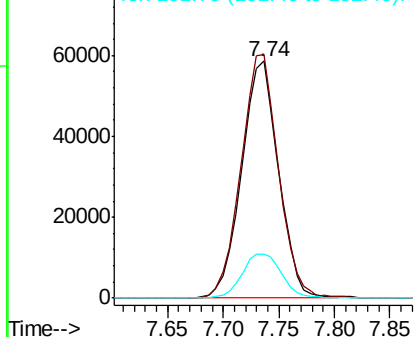


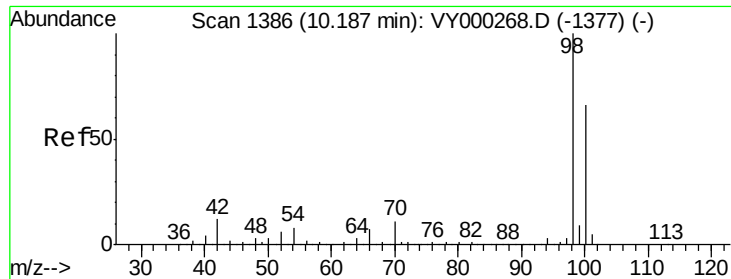
#35
 Dibromofluoromethane
 Concen: 46.822 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000340.D
 Acq: 17 Oct 2019 12:48

Tgt Ion:113 Resp: 134950
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 19.9 15.3 22.9



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

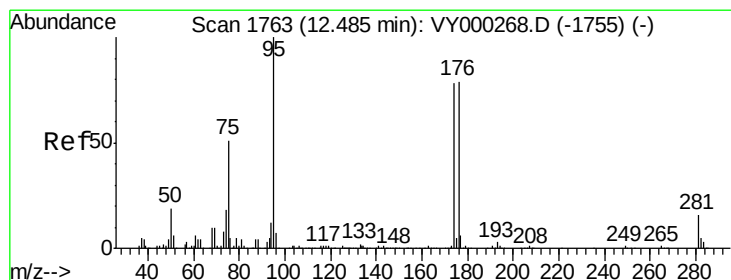
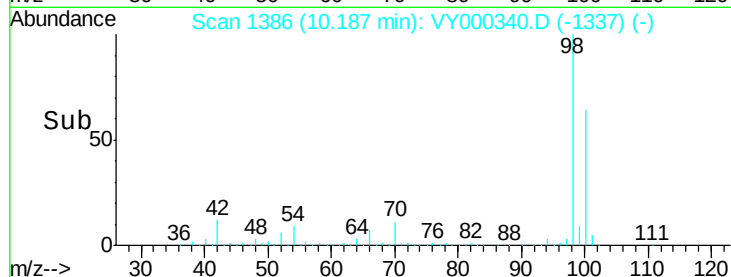
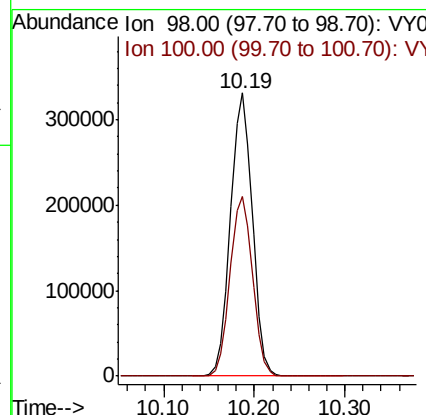
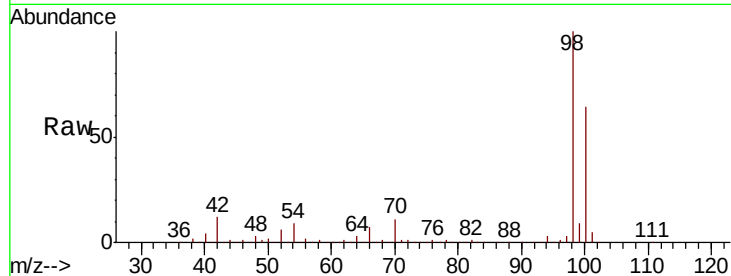




#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000340.D
Acq: 17 Oct 2019 12:48

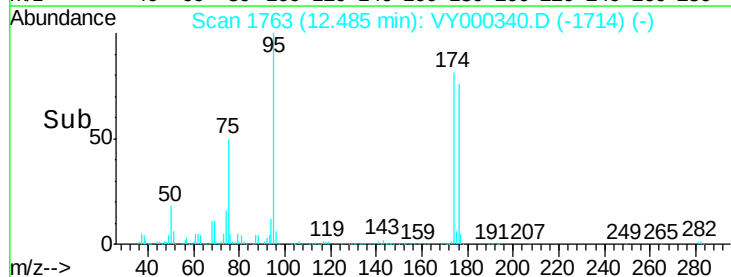
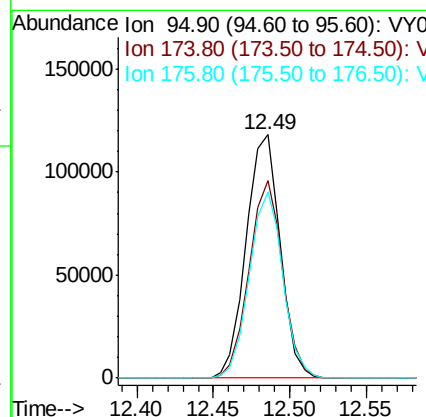
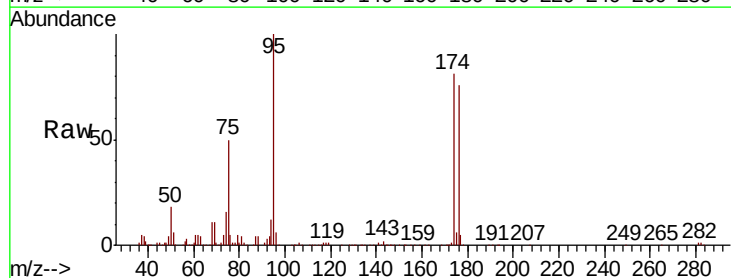
Instrument :
MSVOA_Y
ClientSampleId :
RBR200036-RT1488

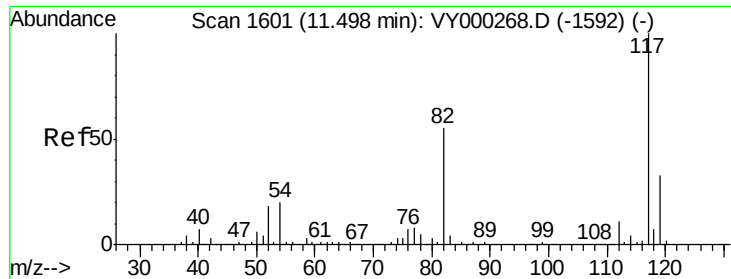
Tot Ion: 98 Resp: 555040
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 43.328 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY000340.D
Acq: 17 Oct 2019 12:48

Tgt Ion: 95 Resp: 182503
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.6
176 75.2 0.0 153.8

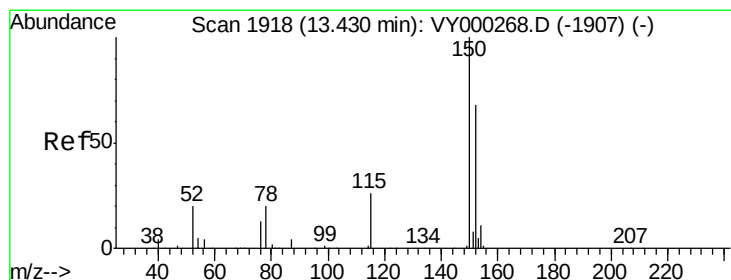
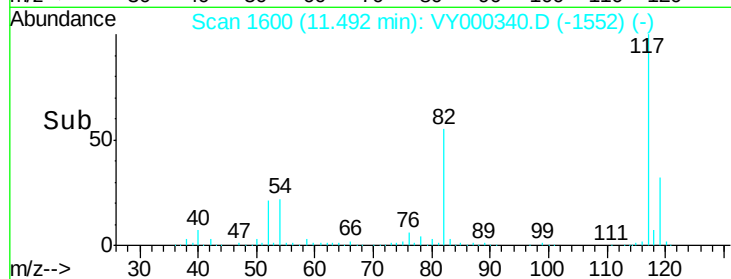
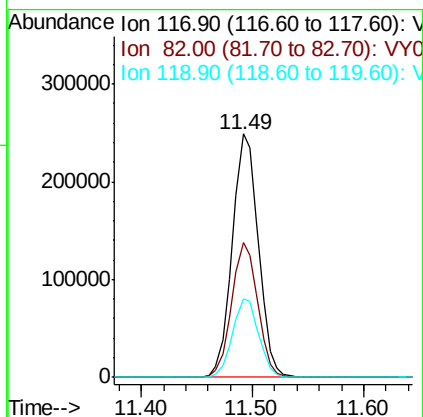
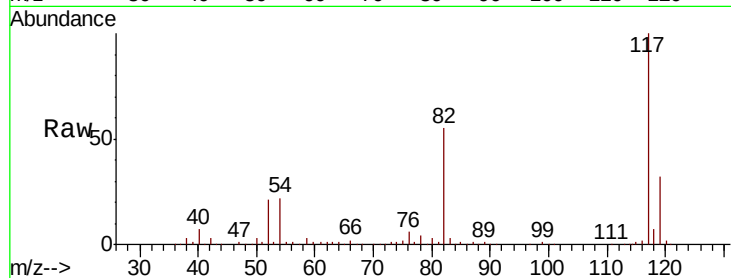




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000340.D
Acq: 17 Oct 2019 12:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR200036-RT1488

Tot Ion:117 Resp: 401838
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000340.D
Acq: 17 Oct 2019 12:48

Tgt Ion:152 Resp: 175311
Ion Ratio Lower Upper
152 100
115 61.0 29.3 88.0
150 161.4 0.0 348.4

