

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091918\
 Data File : VF060290.D
 Acq On : 19 Sep 2018 20:27
 Operator : VA/AP
 Sample : J4987-01RE
 Misc : 7.16/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200036

Quant Time: Sep 20 12:33:00 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

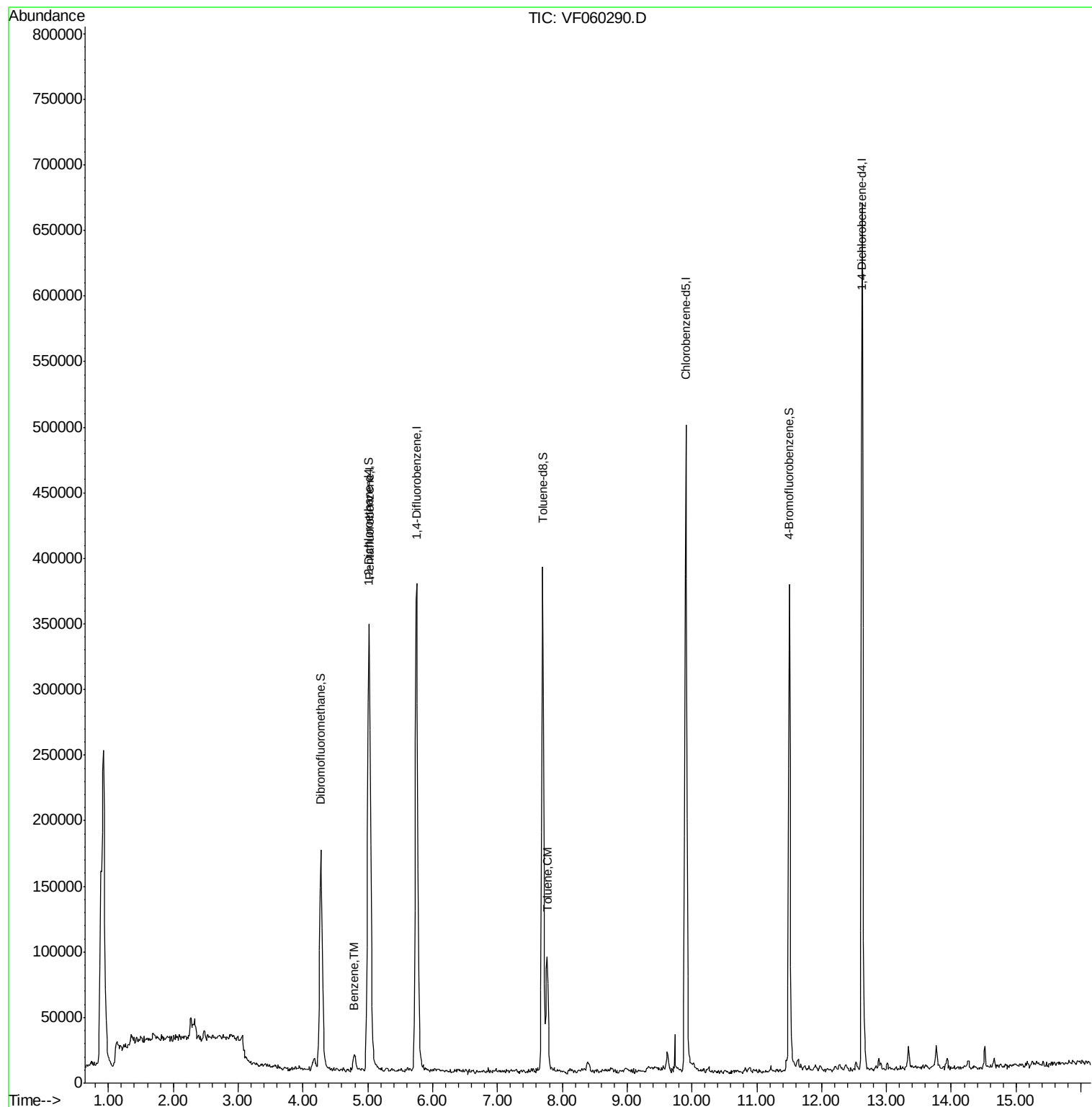
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	248035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	420085	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	345703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	164121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	136003	40.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.44%	
35) Dibromofluoromethane	4.28	113	150962	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
50) Toluene-d8	7.70	98	329514	33.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.58%	
62) 4-Bromofluorobenzene	11.50	95	130291	30.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.82%	
Target Compounds						
40) Benzene	4.79	78	15853	1.33	ug/l	98
52) Toluene	7.77	92	44209	5.88	ug/l	95

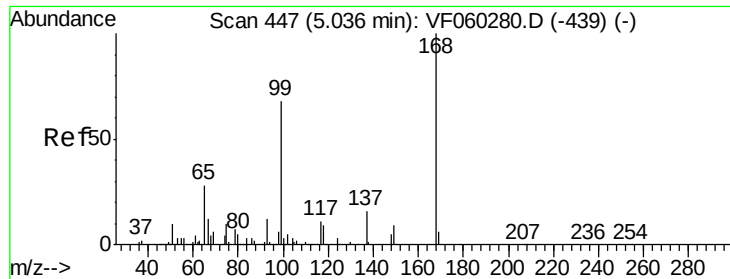
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060290.D

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Instrument :

MSVOA_F

ClientSampleId :

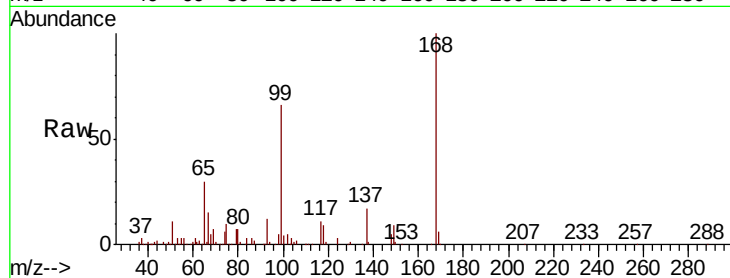
RBR200036

Tot Ion:168 Resp: 248035

Ion Ratio Lower Upper

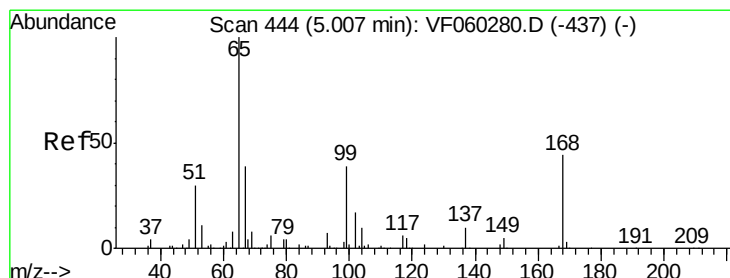
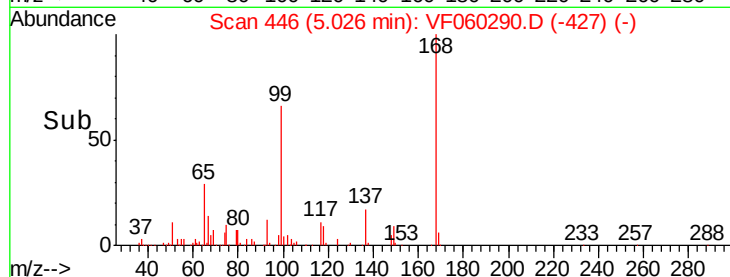
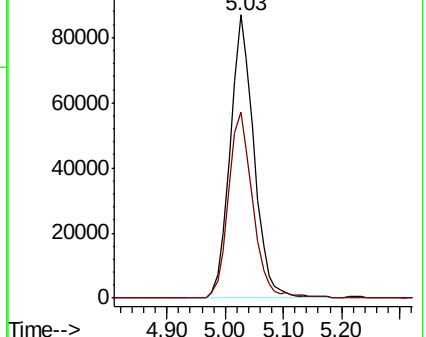
168 100

99 65.9 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 40.72 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060290.D

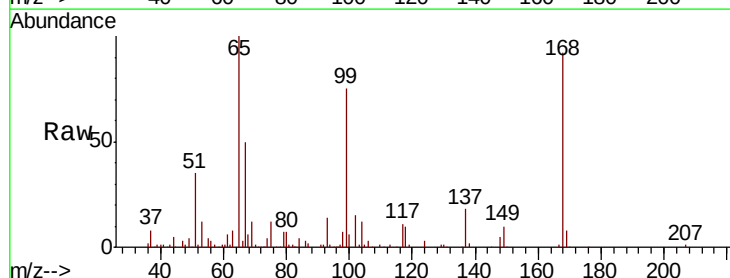
Acq: 19 Sep 2018 20:27

Tgt Ion: 65 Resp: 136003

Ion Ratio Lower Upper

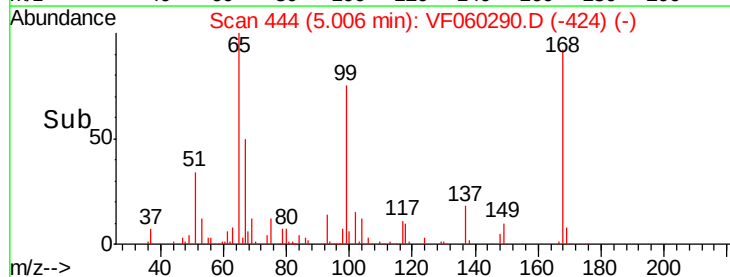
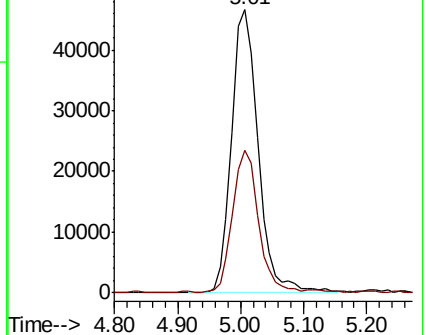
65 100

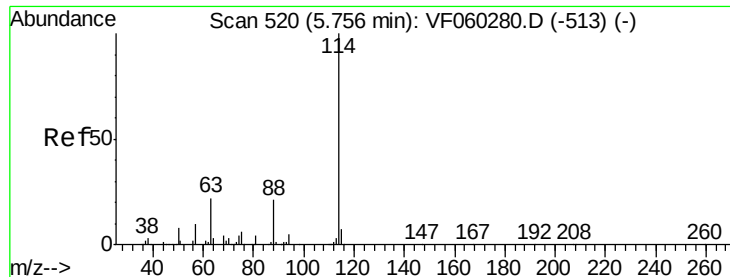
67 50.2 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

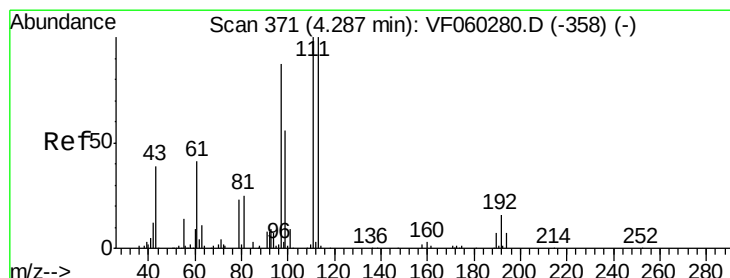
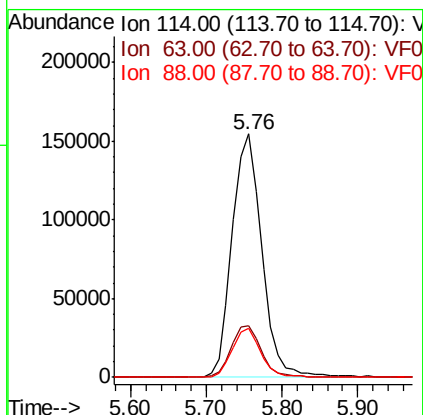
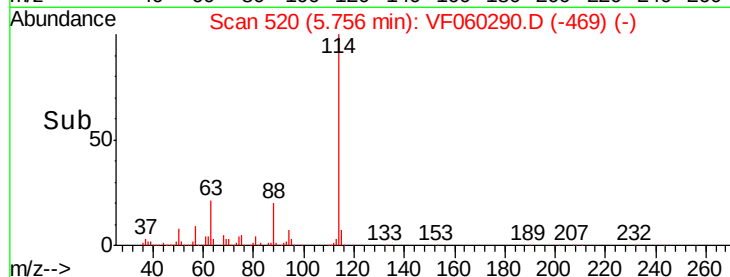
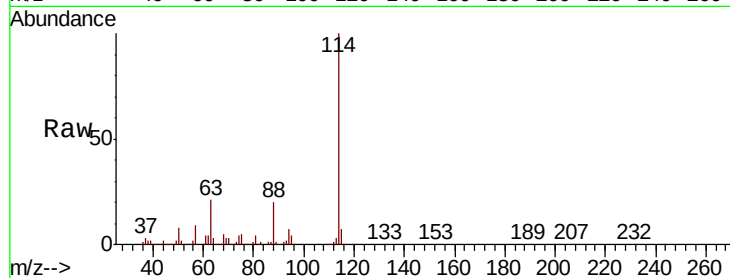




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: VF060290.D
 Acq: 19 Sep 2018 20:27

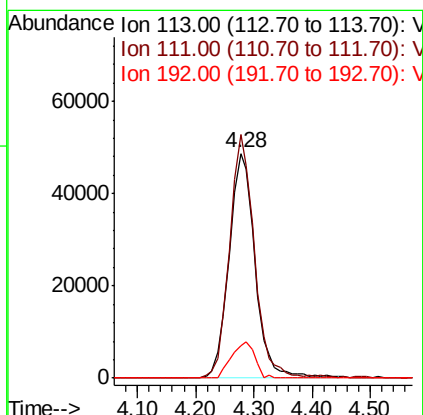
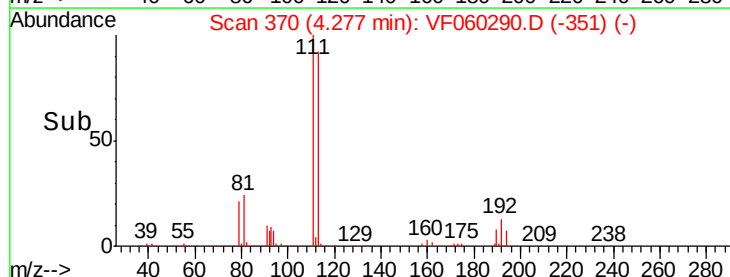
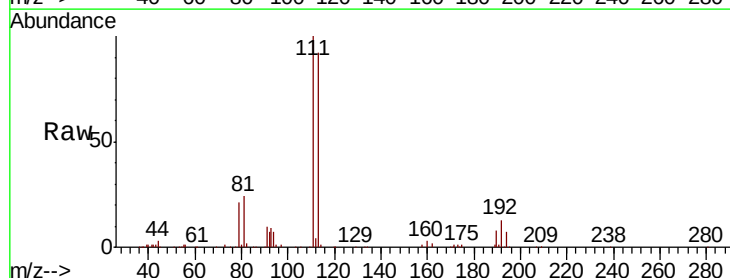
Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200036

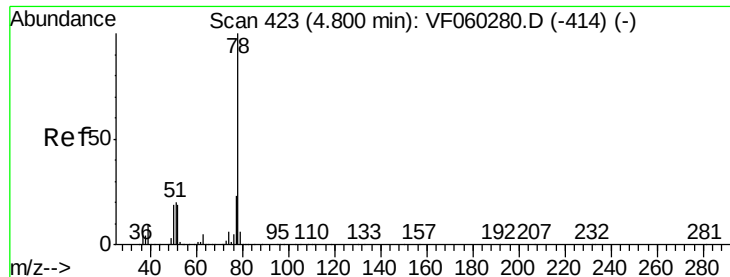
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.8
88	20.2	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 40.31 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060290.D
 Acq: 19 Sep 2018 20:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	108.2	79.6	119.4
192	14.5	13.0	19.6





#40

Benzene

Concen: 1.33 ug/l

RT: 4.79 min Scan# 422

Delta R.T. -0.01 min

Lab File: VF060290.D

Acq: 19 Sep 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

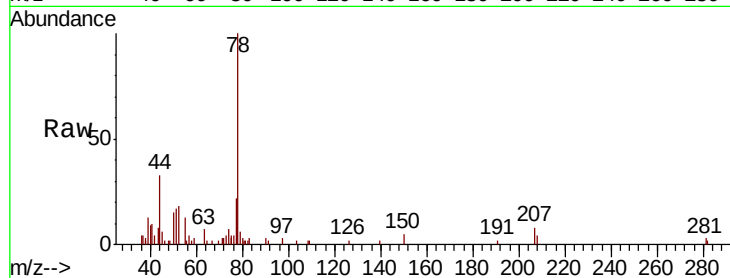
RBR200036

Tot Ion: 78 Resp: 15853

Ion Ratio Lower Upper

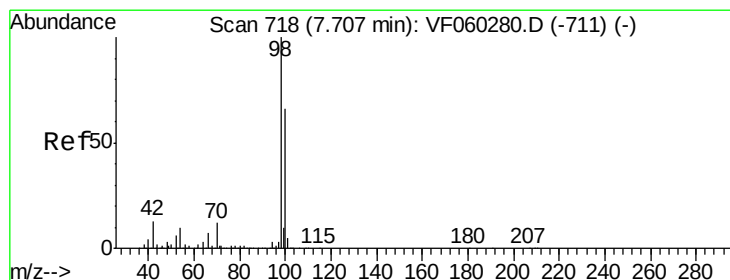
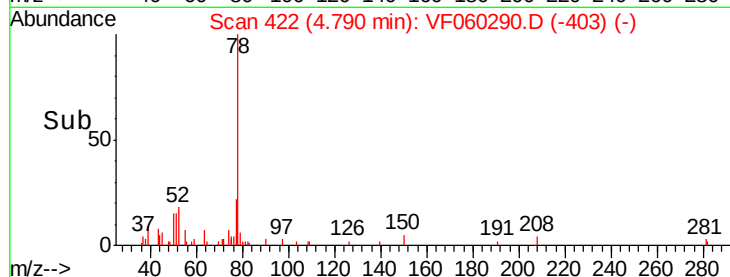
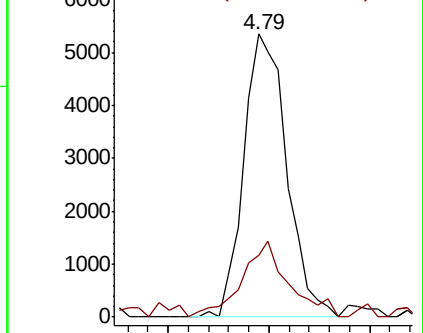
78 100

77 21.9 18.4 27.6



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0



#50

Toluene-d8

Concen: 33.79 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060290.D

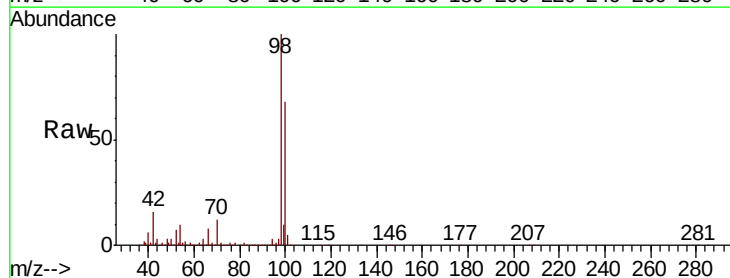
Acq: 19 Sep 2018 20:27

Tgt Ion: 98 Resp: 329514

Ion Ratio Lower Upper

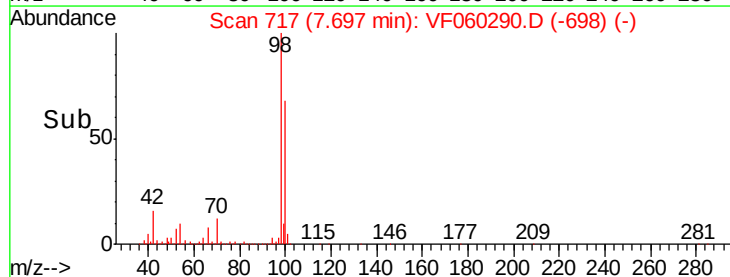
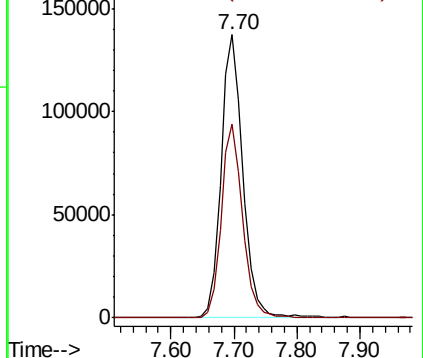
98 100

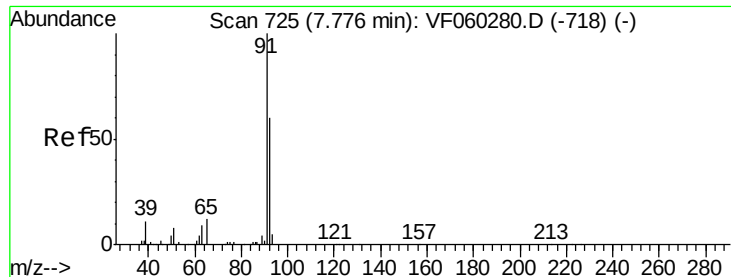
100 68.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 5.88 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060290.D

Acq: 19 Sep 2018 20:27

Instrument :

MSVOA_F

ClientSampleId :

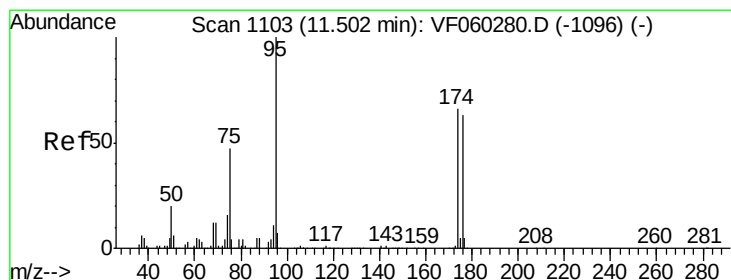
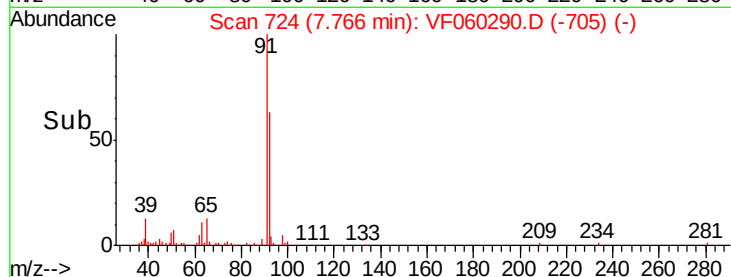
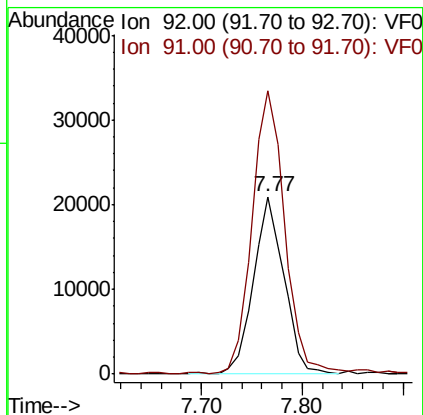
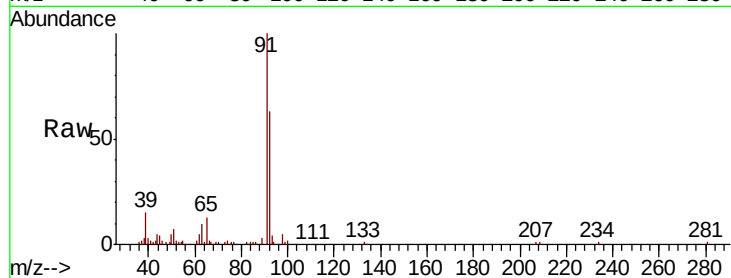
RBR200036

Tot Ion: 92 Resp: 44209

Ion Ratio Lower Upper

92 100

91 159.7 133.3 199.9



#62

4-Bromofluorobenzene

Concen: 30.91 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060290.D

Acq: 19 Sep 2018 20:27

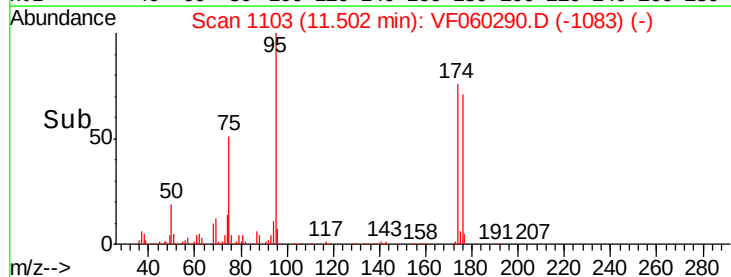
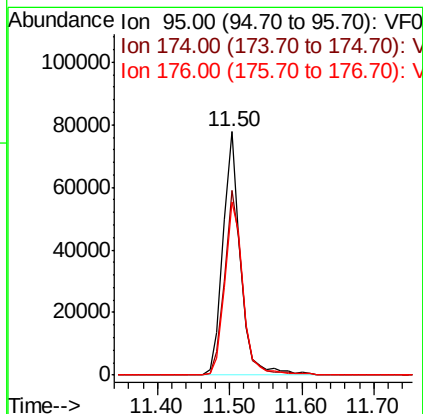
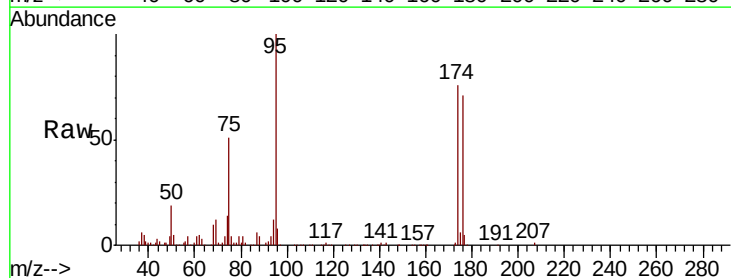
Tgt Ion: 95 Resp: 130291

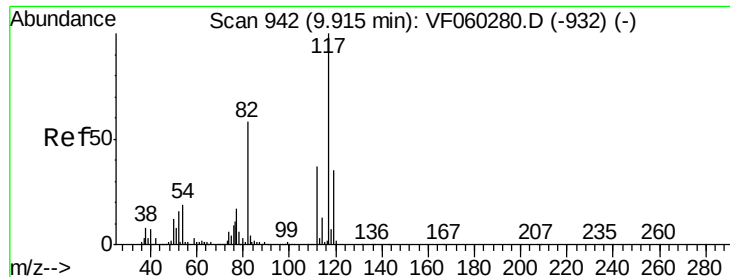
Ion Ratio Lower Upper

95 100

174 75.9 0.0 131.2

176 71.1 0.0 126.6

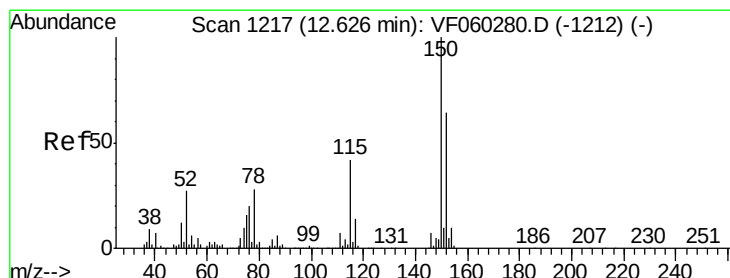
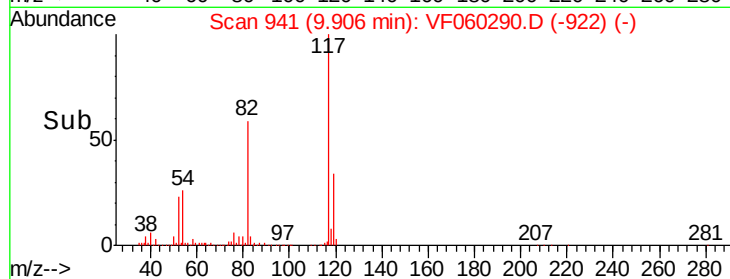
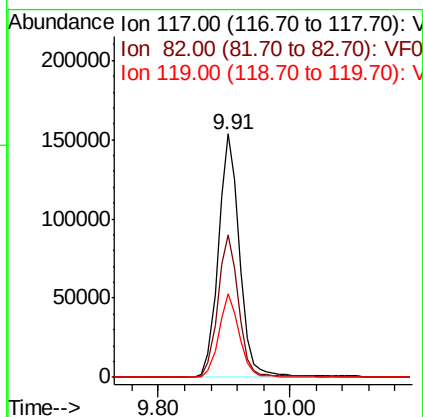
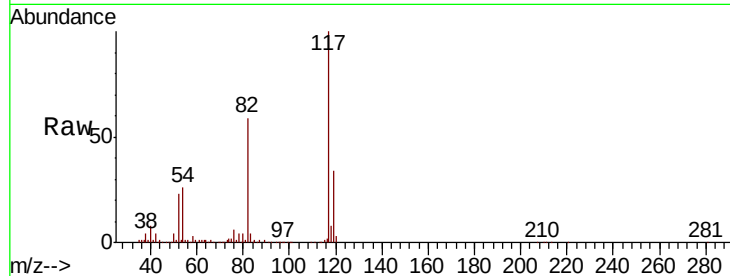




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060290.D
Acq: 19 Sep 2018 20:27

Instrument :
MSVOA_F
ClientSampleId :
RBR200036

Tot Ion:117 Resp: 345703
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.2
119 34.3 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060290.D
Acq: 19 Sep 2018 20:27

Tgt Ion:152 Resp: 164121
Ion Ratio Lower Upper
152 100
115 56.2 32.6 97.8
150 159.2 0.0 314.2

