

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060643.D
 Acq On : 7 Nov 2018 22:10
 Operator : VA/AP
 Sample : J5839-11RE
 Misc : 6.55g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7-SRE

Quant Time: Nov 08 16:30:07 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

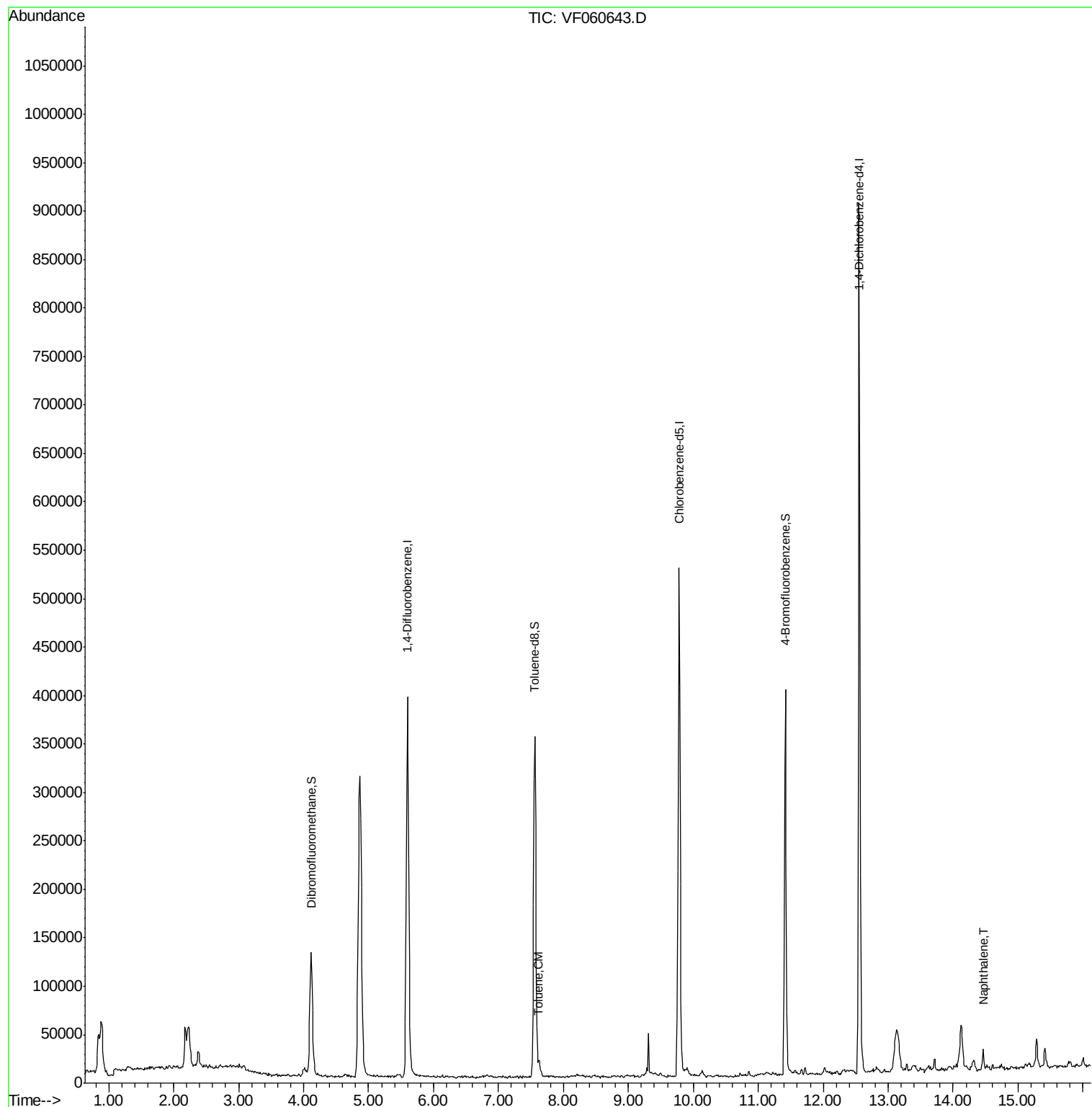
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0m	50.00	ug/l	-4.87
34) 1,4-Difluorobenzene	5.60	114	435117	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	389431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	229521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	99181	0.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	4.12	113	123738	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	
50) Toluene-d8	7.56	98	301788	30.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.60%	
62) 4-Bromofluorobenzene	11.42	95	156346	35.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.78%	
Target Compounds						
52) Toluene	7.63	92	7855	1.037	ug/l	88
95) Naphthalene	14.46	128	13836	1.415	ug/l	96

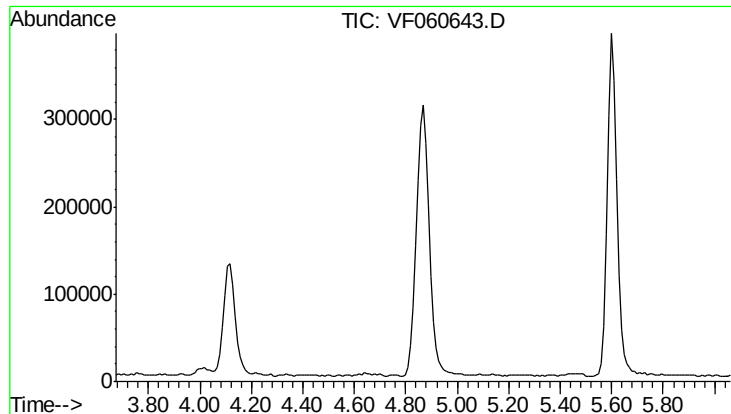
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.87 min

Lab File: VF060643.D

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Tot Ion: 168

Sig Exp Ratio

168 100

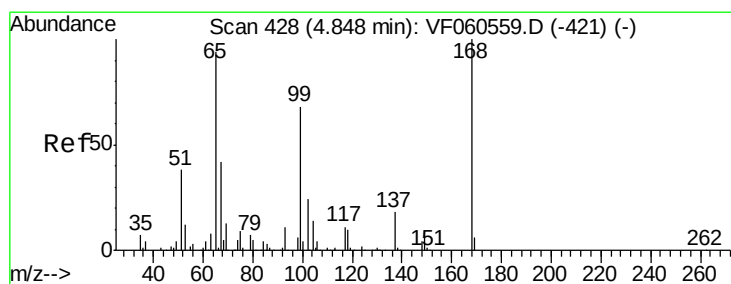
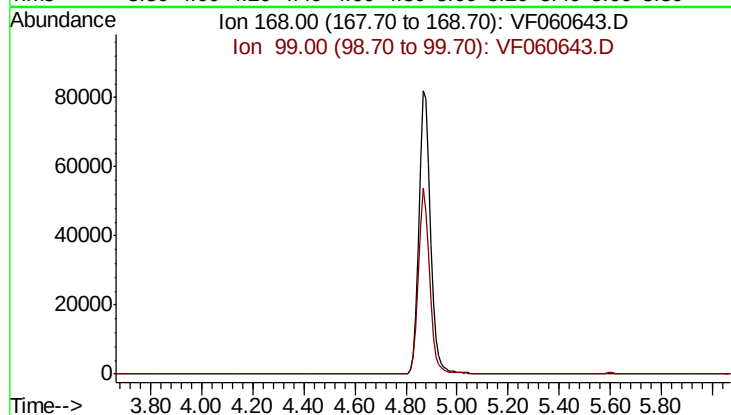
99 60.7

Instrument :

MSVOA_F

ClientSampleId :

SB-7-SRE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF060643.D

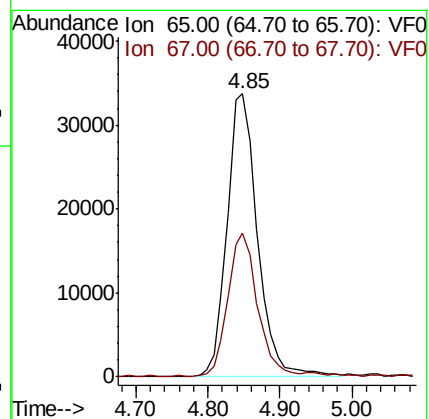
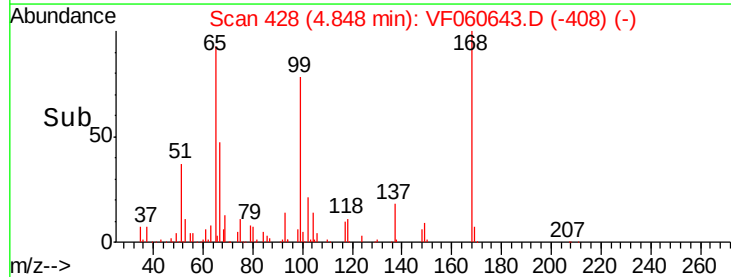
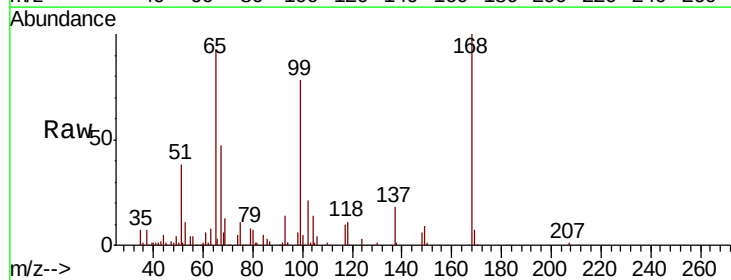
Acq: 7 Nov 2018 22:10

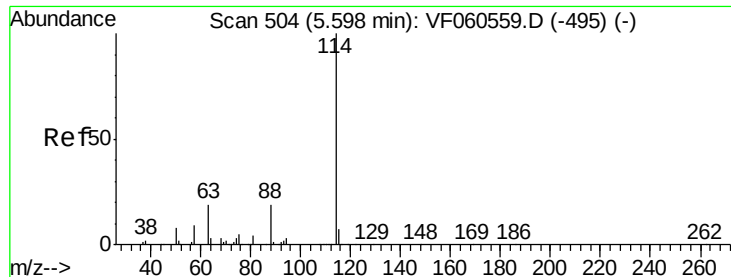
Tgt Ion: 65 Resp: 99181

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8

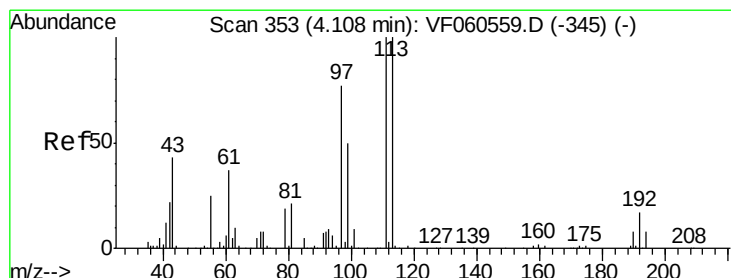
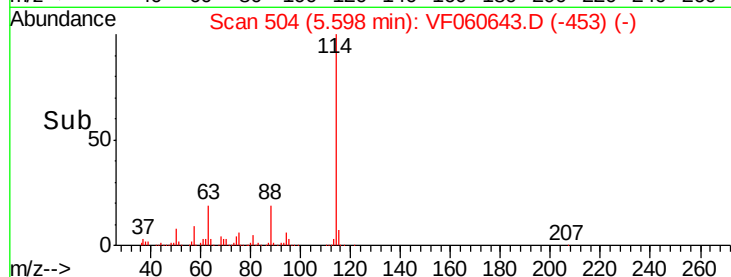
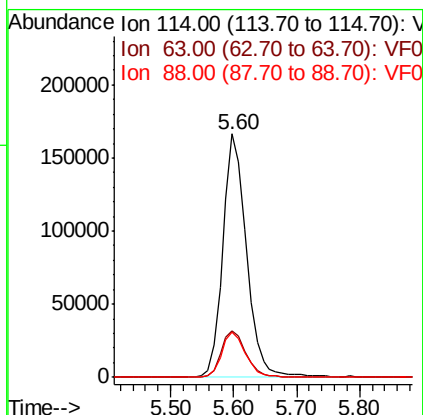
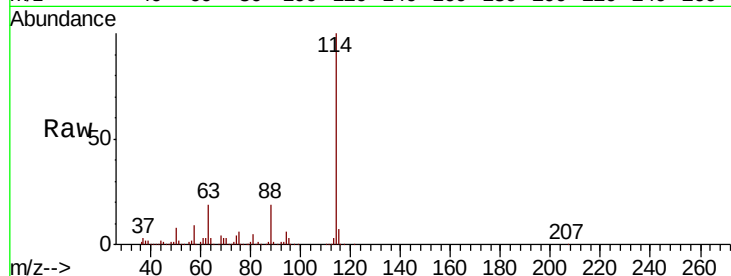




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.00 min
Lab File: VF060643.D
Acq: 7 Nov 2018 22:10

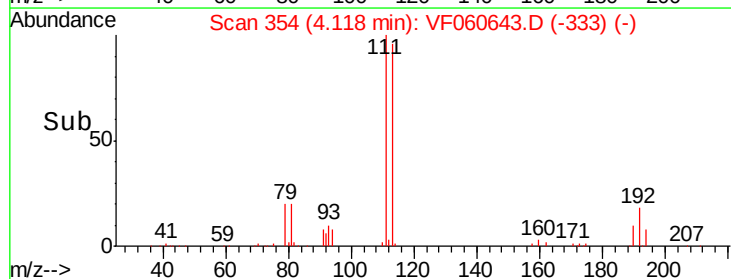
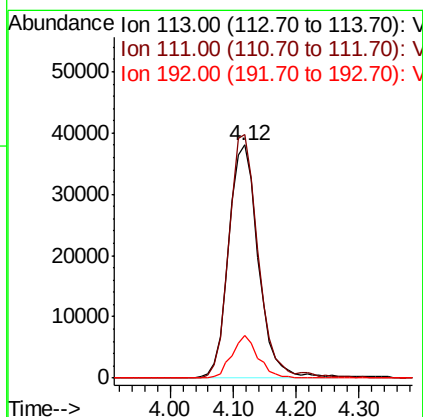
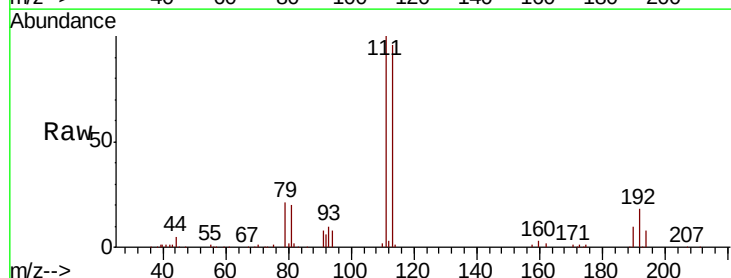
Instrument :
MSVOA_F
ClientSampleId :
SB-7-SRE

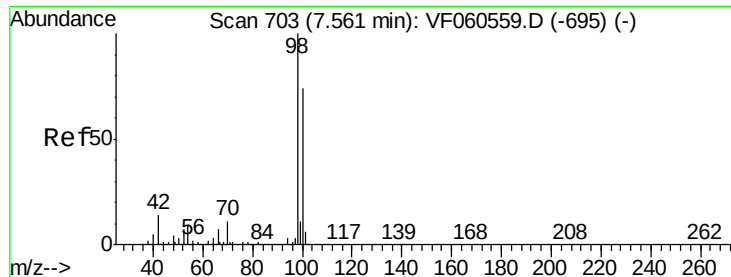
Tot Ion:114 Resp: 435117
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.0
88 18.6 0.0 38.2



#35
Dibromofluoromethane
Concen: 36.808 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060643.D
Acq: 7 Nov 2018 22:10

Tgt Ion:113 Resp: 123738
Ion Ratio Lower Upper
113 100
111 104.3 79.9 119.9
192 18.7 13.3 19.9





#50

Toluene-d8

Concen: 30.305 ug/l

RT: 7.56 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF060643.D

Acq: 7 Nov 2018 22:10

Instrument :

MSVOA_F

ClientSampleId :

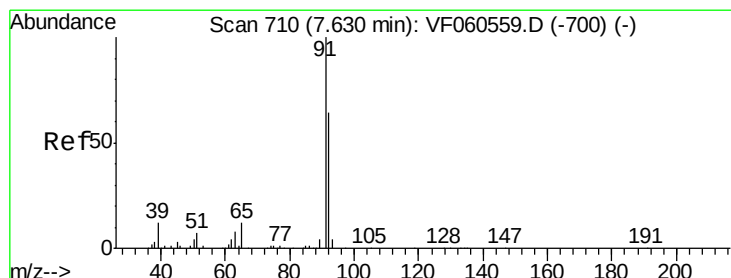
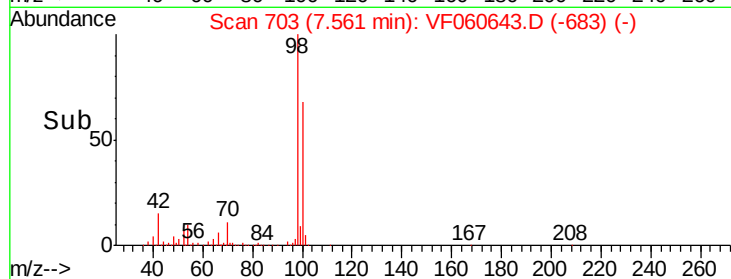
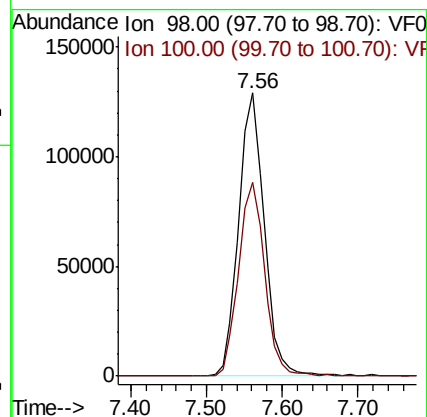
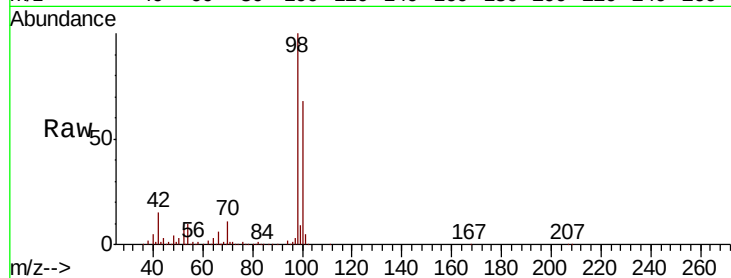
SB-7-SRE

Tot Ion: 98 Resp: 301788

Ion Ratio Lower Upper

98 100

100 68.3 59.4 89.2



#52

Toluene

Concen: 1.037 ug/l

RT: 7.63 min Scan# 710

Delta R.T. -0.00 min

Lab File: VF060643.D

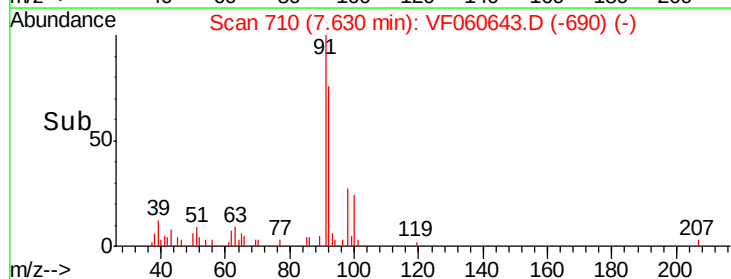
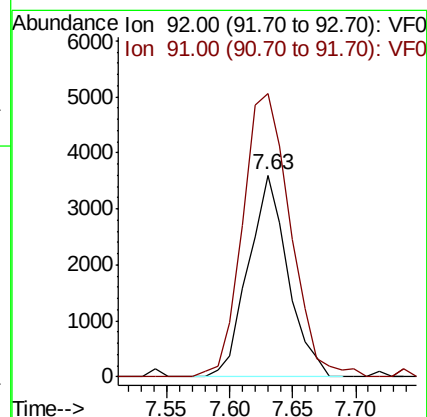
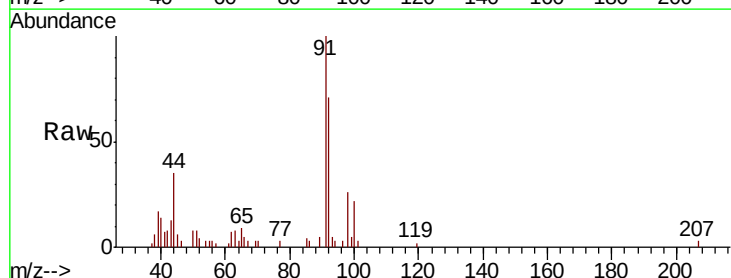
Acq: 7 Nov 2018 22:10

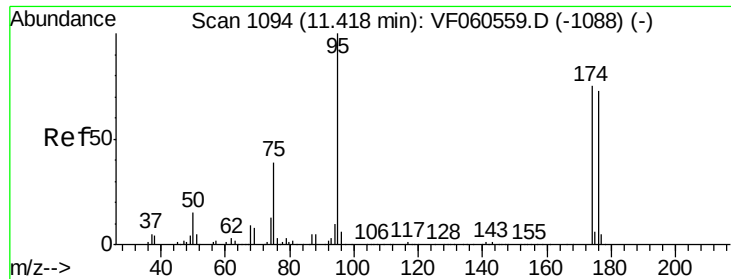
Tgt Ion: 92 Resp: 7855

Ion Ratio Lower Upper

92 100

91 140.3 124.5 186.7

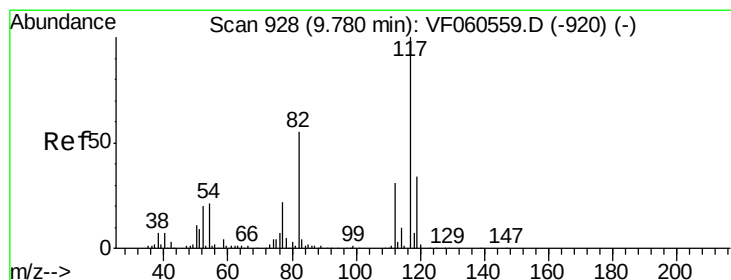
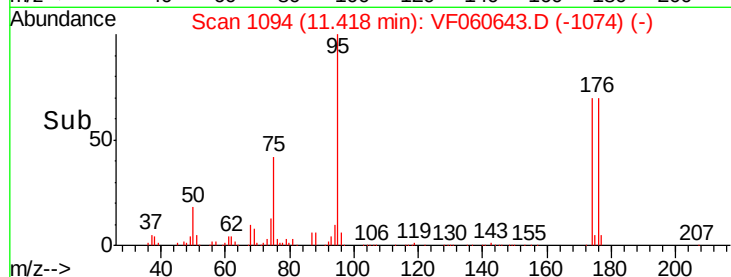
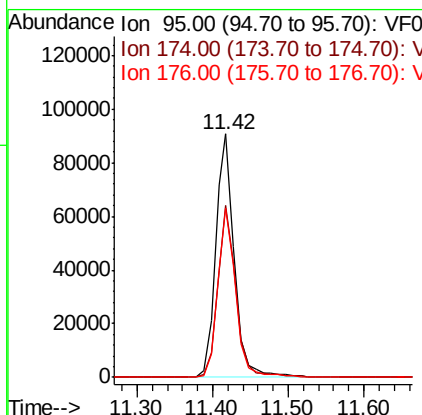
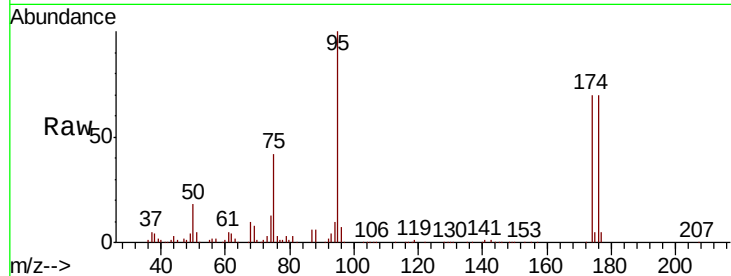




#62
4-Bromofluorobenzene
Concen: 35.893 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VF060643.D
Acq: 7 Nov 2018 22:10

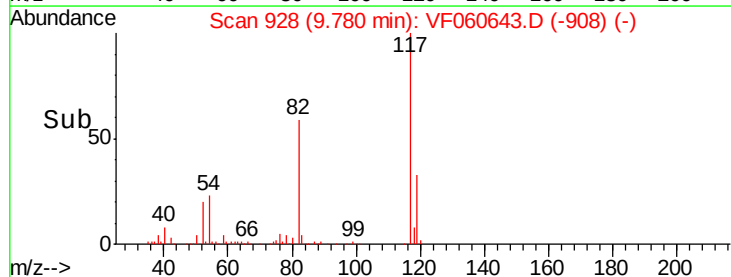
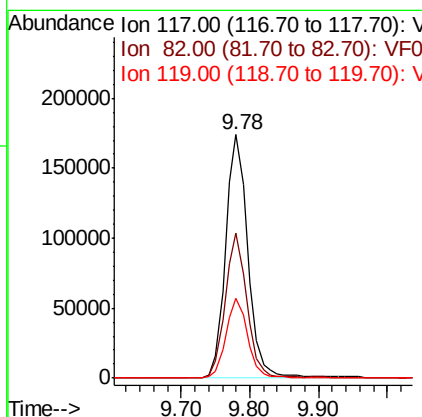
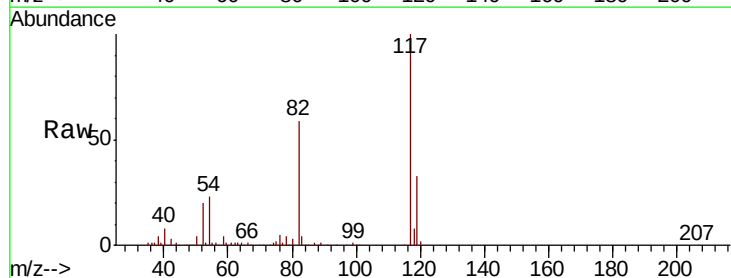
Instrument :
MSVOA_F
ClientSampleId :
SB-7-SRE

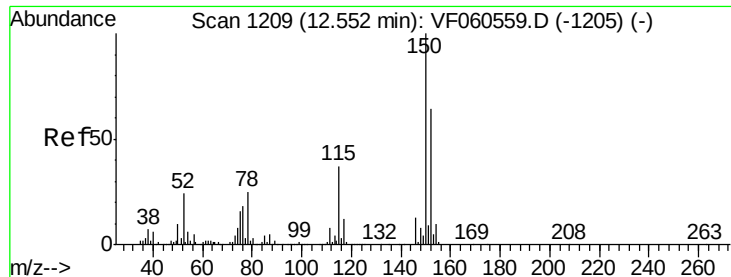
Tot Ion: 95 Resp: 156346
Ion Ratio Lower Upper
95 100
174 70.5 0.0 149.0
176 69.8 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060643.D
Acq: 7 Nov 2018 22:10

Tgt Ion: 117 Resp: 389431
Ion Ratio Lower Upper
117 100
82 59.5 43.9 65.9
119 32.5 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF060643.D

Acq: 7 Nov 2018 22:10

Instrument :

MSVOA_F

ClientSampleId :

SB-7-SRE

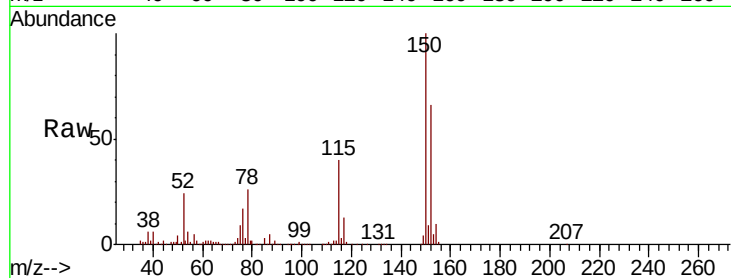
Tot Ion:152 Resp: 229521

Ion Ratio Lower Upper

152 100

115 60.6 29.6 88.8

150 152.3 0.0 315.6

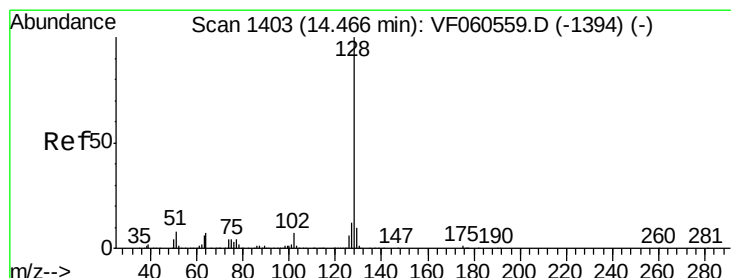
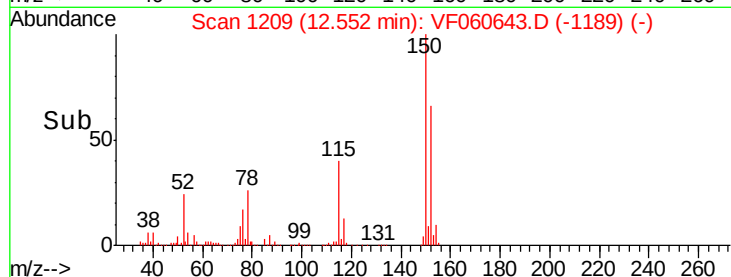
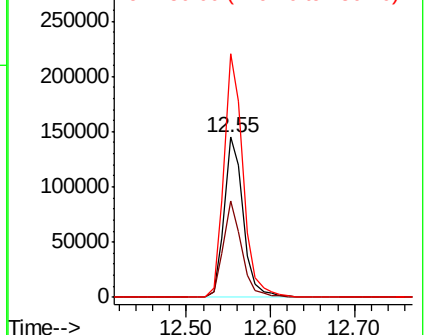


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene

Concen: 1.415 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF060643.D

Acq: 7 Nov 2018 22:10

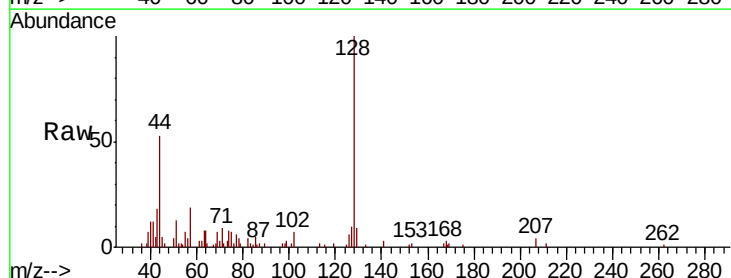
Tgt Ion:128 Resp: 13836

Ion Ratio Lower Upper

128 100

127 9.9 9.4 14.0

129 9.5 8.4 12.6



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

