

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060668.D
 Acq On : 9 Nov 2018 12:39
 Operator : VA/AP
 Sample : VF1109SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1109SBL01

Quant Time: Nov 12 04:28:21 2018
 Quant Method : Z:\VOASRV\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	4.87	168	267180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	507105	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	426160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	248935	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	162361	60.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.28%	
35) Dibromofluoromethane	4.11	113	202336	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	7.55	98	540169	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	11.41	95	264094	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	

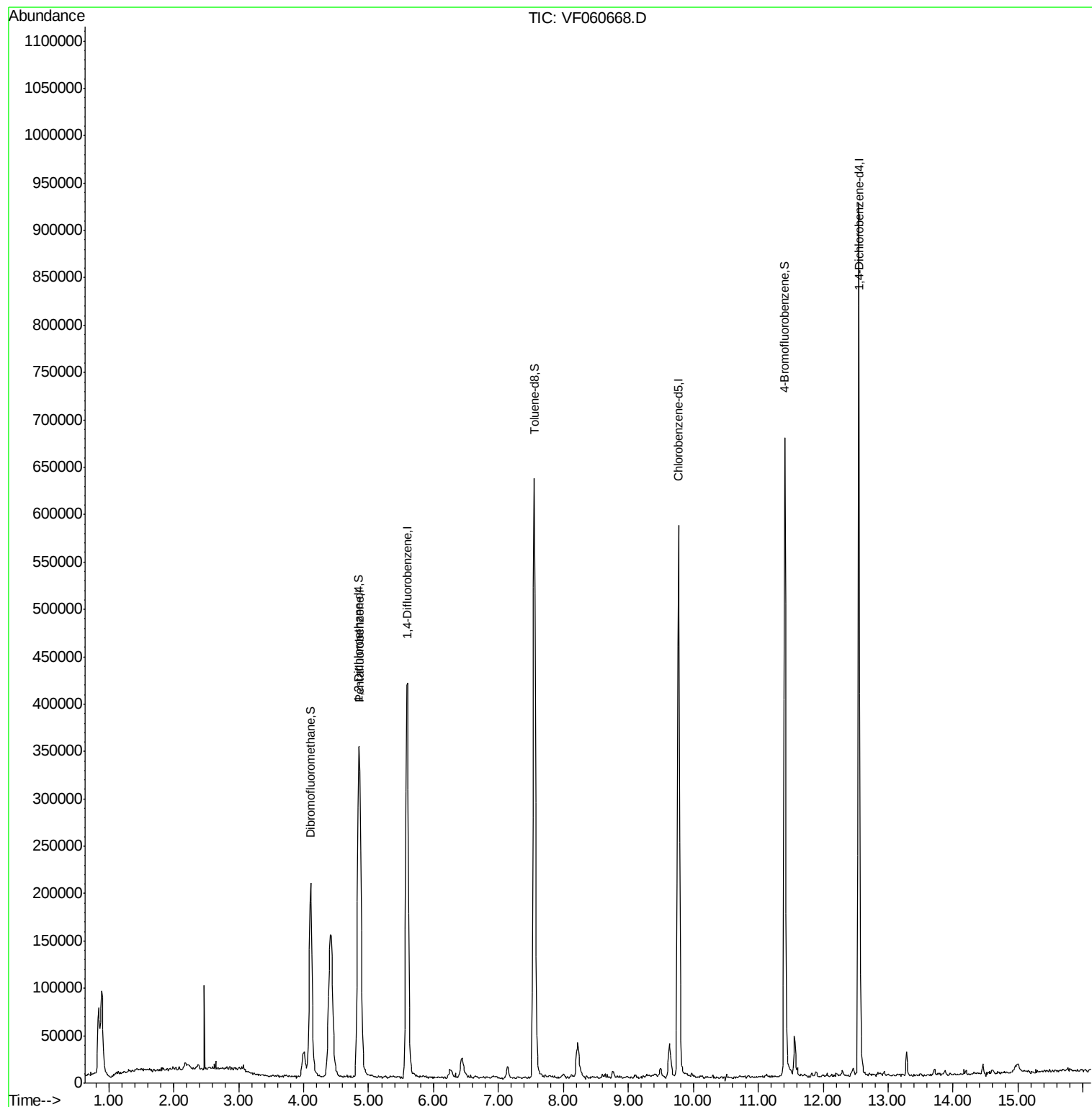
Target Compounds	Qvalue

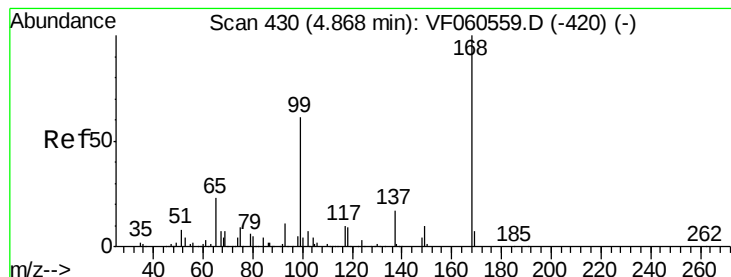
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060668.D

Acq: 9 Nov 2018 12:39

Instrument :

MSVOA_F

ClientSampleId :

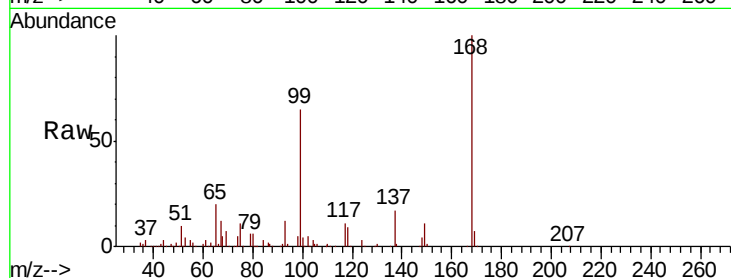
VF1109SBL01

Tot Ion:168 Resp: 267180

Ion Ratio Lower Upper

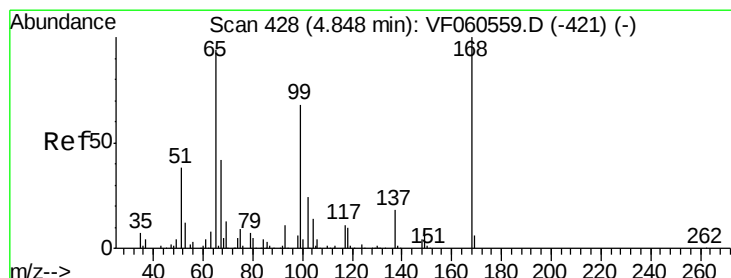
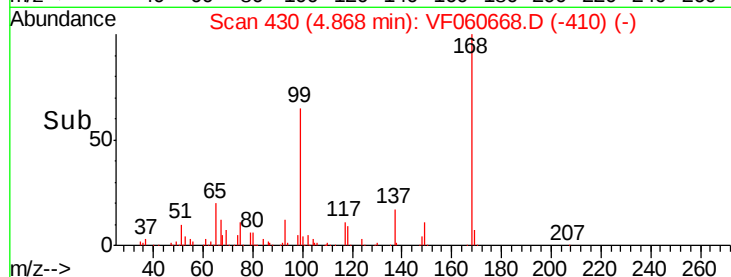
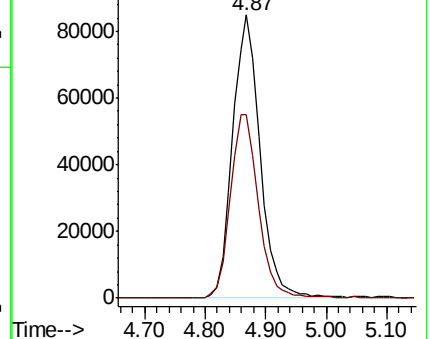
168 100

99 64.7 48.6 72.8



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: 60.145 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060668.D

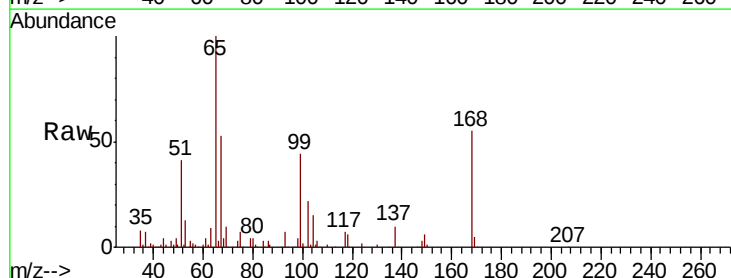
Acq: 9 Nov 2018 12:39

Tgt Ion: 65 Resp: 162361

Ion Ratio Lower Upper

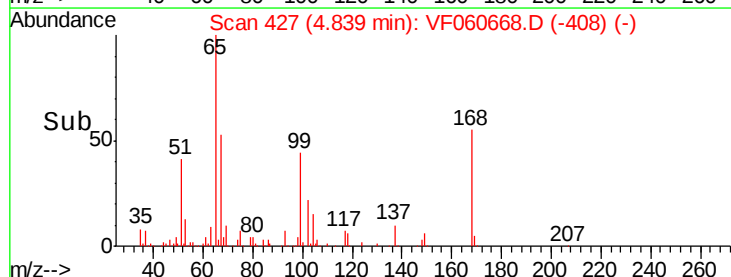
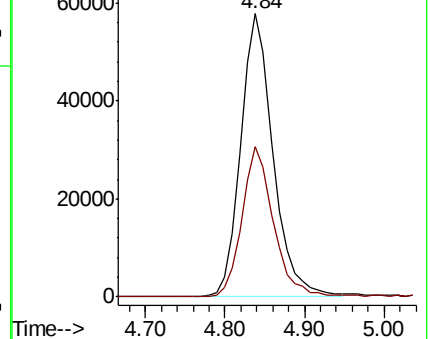
65 100

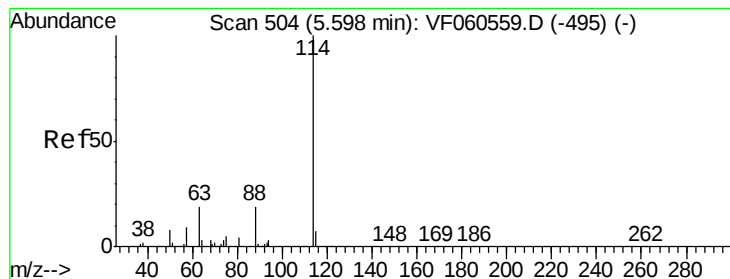
67 53.1 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060668.D

Acq: 9 Nov 2018 12:39

Instrument :

MSVOA_F

ClientSampleId :

VF1109SBL01

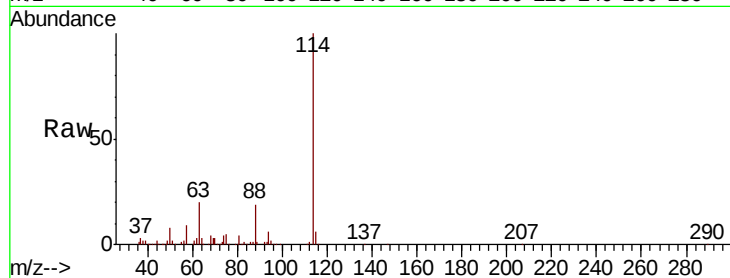
Tot Ion:114 Resp: 507105

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

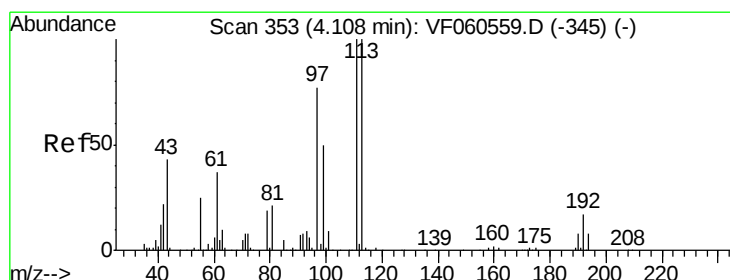
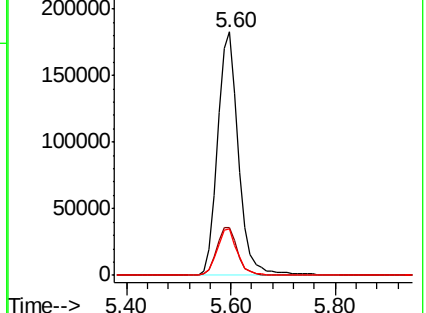
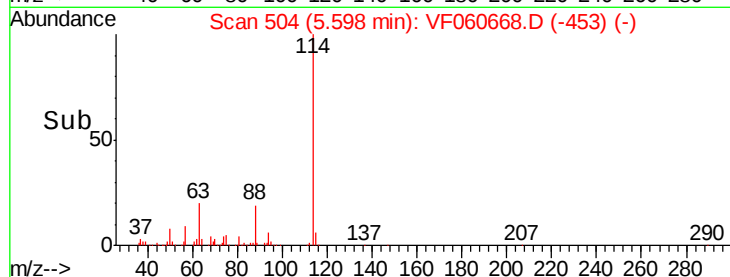
88 18.9 0.0 38.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 51.644 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF060668.D

Acq: 9 Nov 2018 12:39

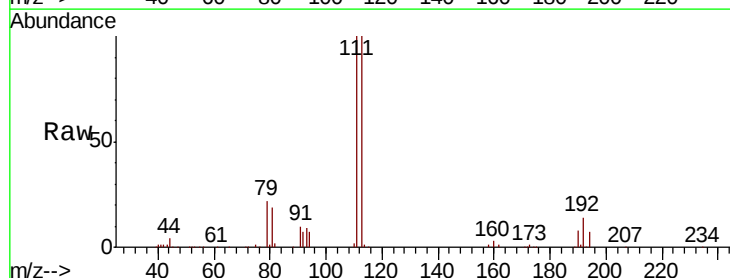
Tgt Ion:113 Resp: 202336

Ion Ratio Lower Upper

113 100

111 99.9 79.9 119.9

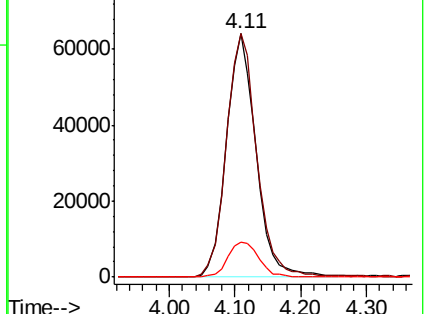
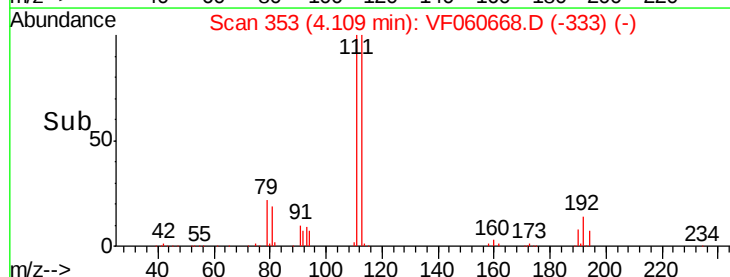
192 14.7 13.3 19.9

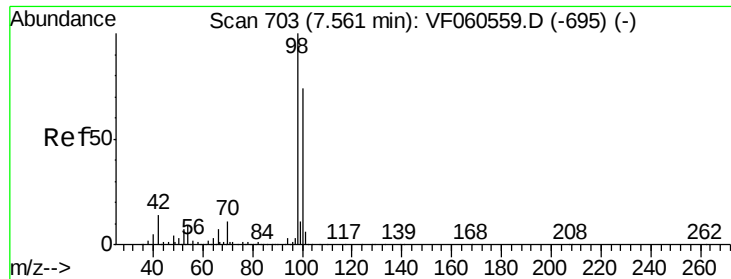


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

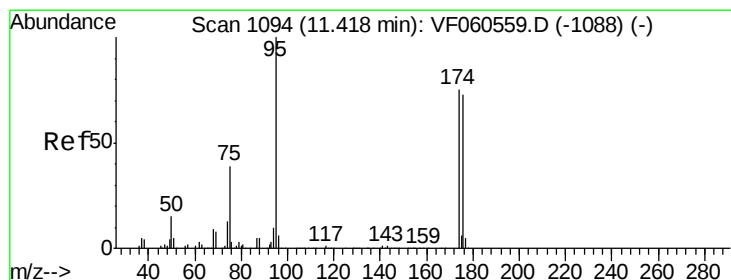
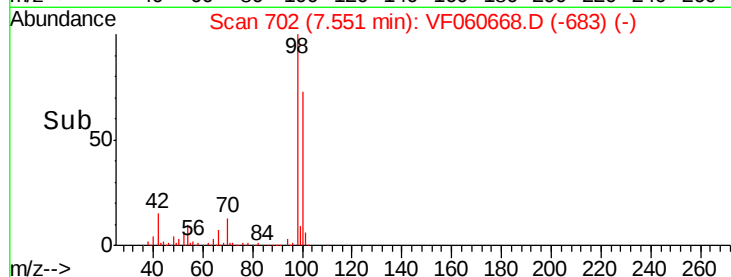
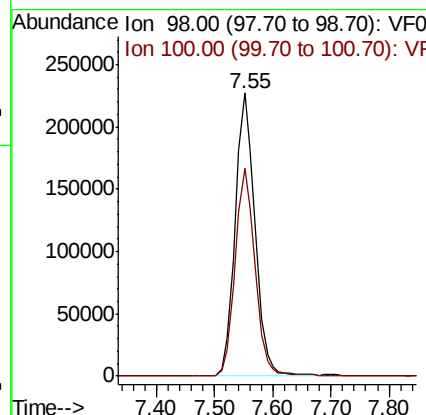
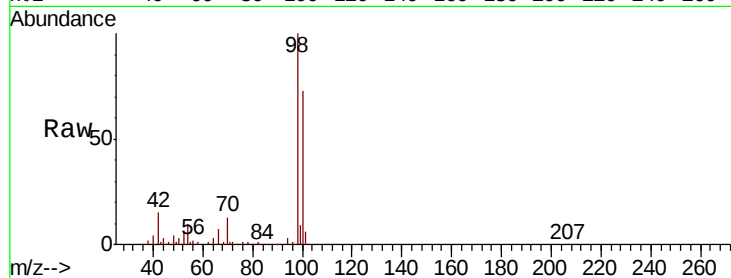




#50
Toluene-d8
Concen: 46.543 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060668.D
Acq: 9 Nov 2018 12:39

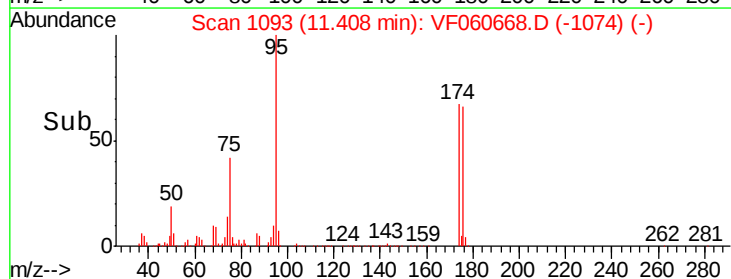
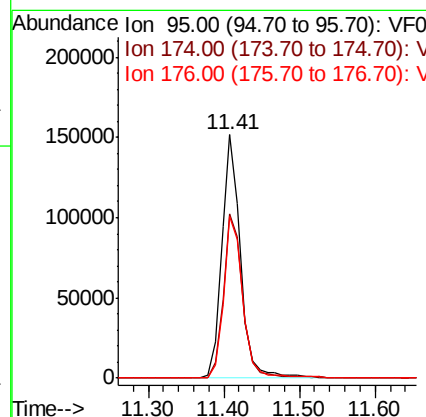
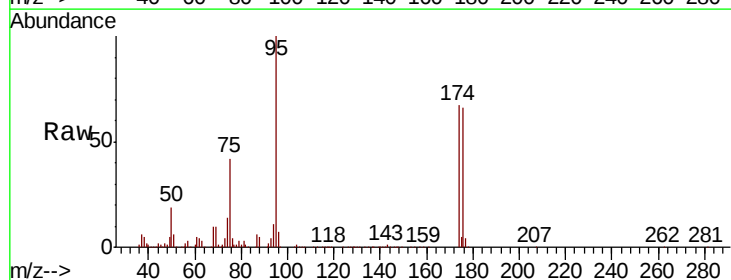
Instrument :
MSVOA_F
ClientSampleId :
VF1109SBL01

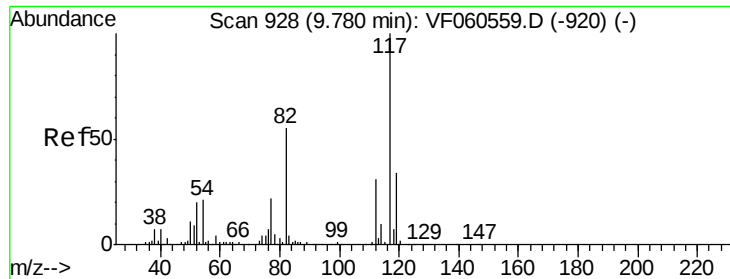
Tot Ion: 98 Resp: 540169
Ion Ratio Lower Upper
98 100
100 73.3 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 52.022 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060668.D
Acq: 9 Nov 2018 12:39

Tgt Ion: 95 Resp: 264094
Ion Ratio Lower Upper
95 100
174 67.2 0.0 149.0
176 66.3 0.0 145.6

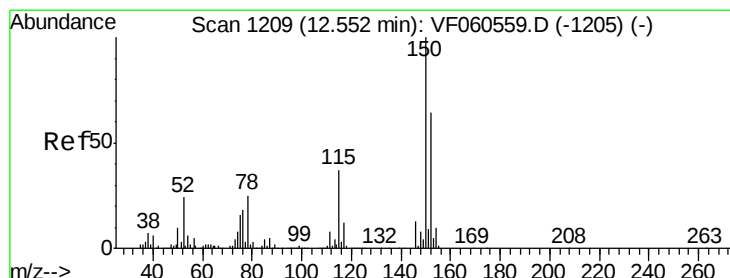
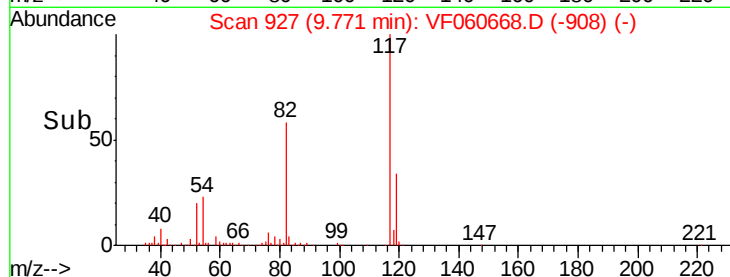
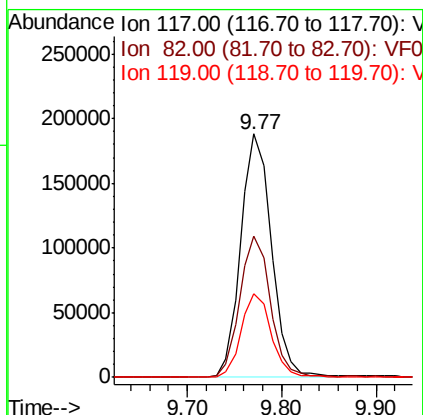
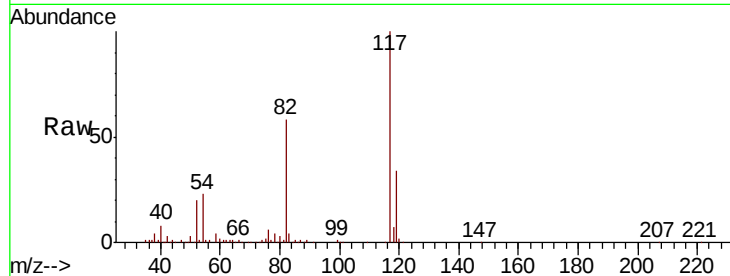




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060668.D
Acq: 9 Nov 2018 12:39

Instrument :
MSVOA_F
ClientSampleId :
VF1109SBL01

Tot Ion:117 Resp: 426160
Ion Ratio Lower Upper
117 100
82 58.0 43.9 65.9
119 34.4 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: VF060668.D
Acq: 9 Nov 2018 12:39

Tgt Ion:152 Resp: 248935
Ion Ratio Lower Upper
152 100
115 56.1 29.6 88.8
150 146.7 0.0 315.6

