

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060642.D
 Acq On : 7 Nov 2018 21:42
 Operator : VA/AP
 Sample : J5839-07RE
 Misc : 6.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6RE

Quant Time: Nov 08 16:28:36 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

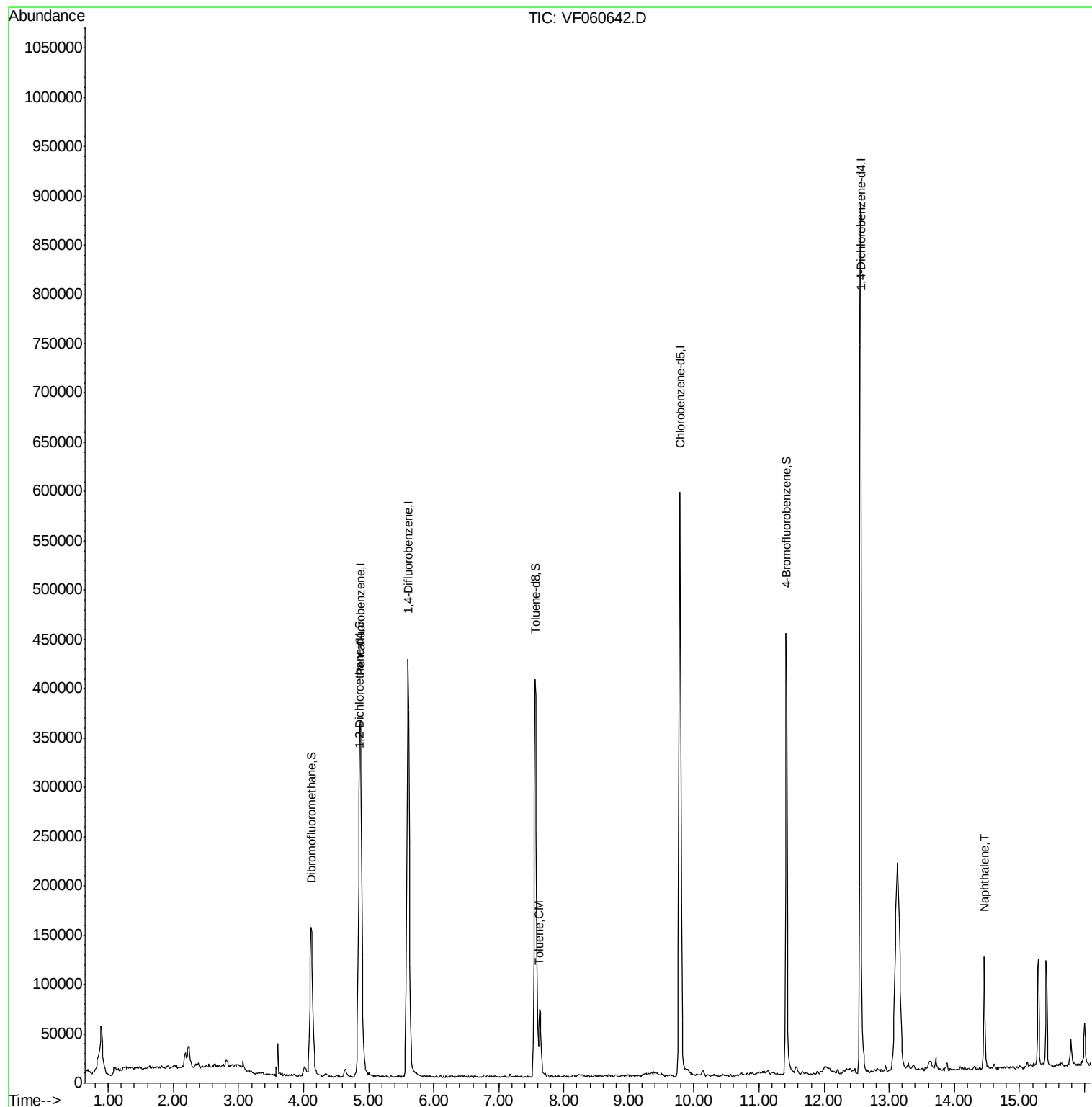
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	302610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	502103	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	454624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	237299	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	118979	38.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.82%	
35) Dibromofluoromethane	4.11	113	145773	37.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.16%	
50) Toluene-d8	7.56	98	362827	31.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.14%	
62) 4-Bromofluorobenzene	11.41	95	174859	34.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.58%	
Target Compounds						
52) Toluene	7.64	92	37310	4.268	ug/l	94
95) Naphthalene	14.46	128	78556	7.769	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.01 min

Lab File: VF060642.D

Acq: 7 Nov 2018 21:42

Instrument :

MSVOA_F

ClientSampleId :

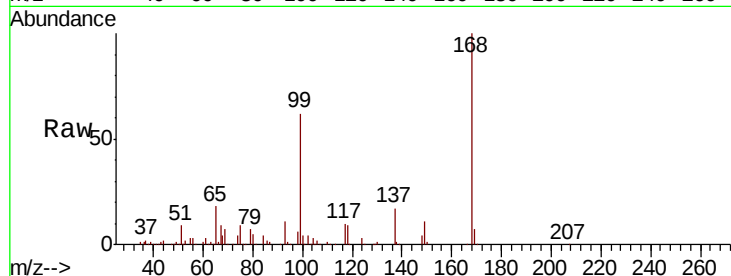
SB-6RE

Tot Ion:168 Resp: 302610

Ion Ratio Lower Upper

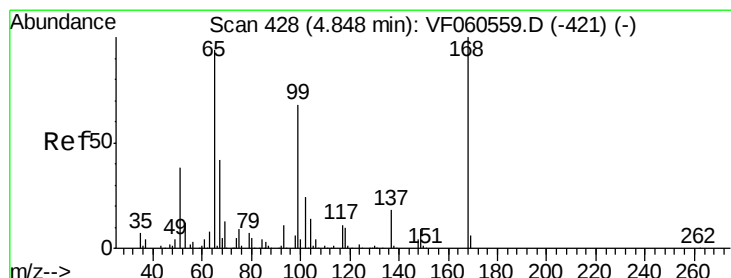
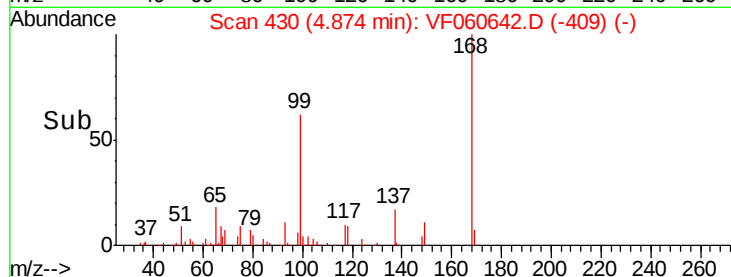
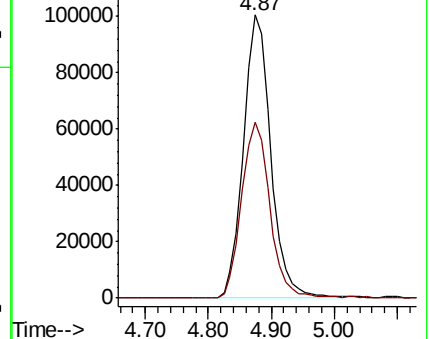
168 100

99 62.0 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: 38.914 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF060642.D

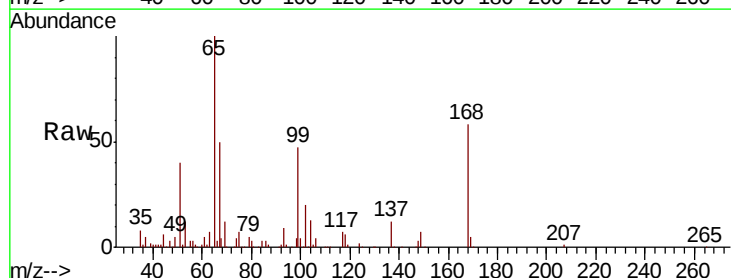
Acq: 7 Nov 2018 21:42

Tgt Ion: 65 Resp: 118979

Ion Ratio Lower Upper

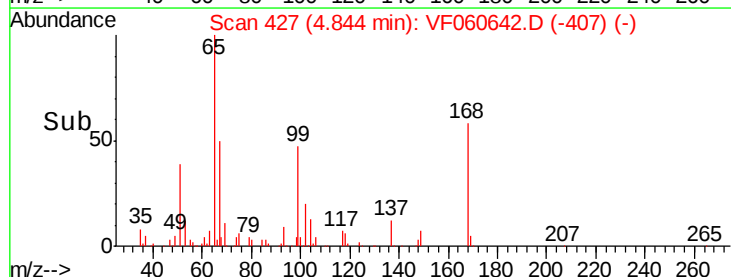
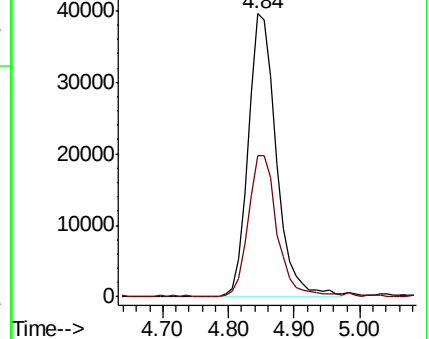
65 100

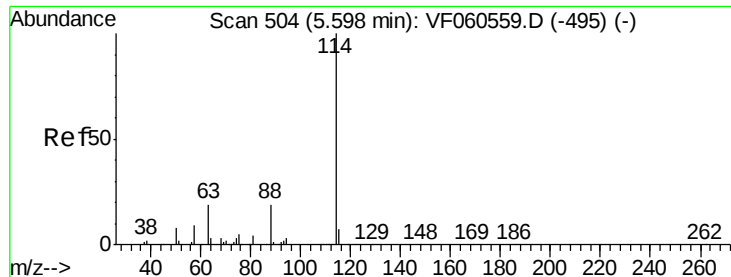
67 49.9 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

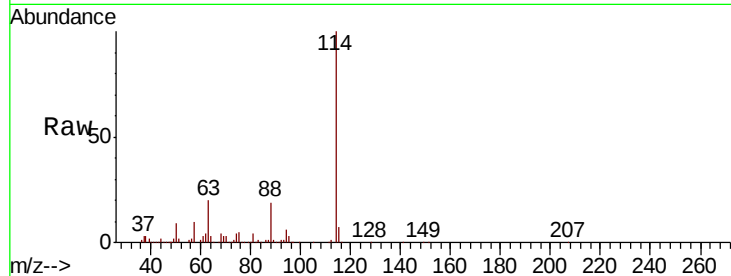




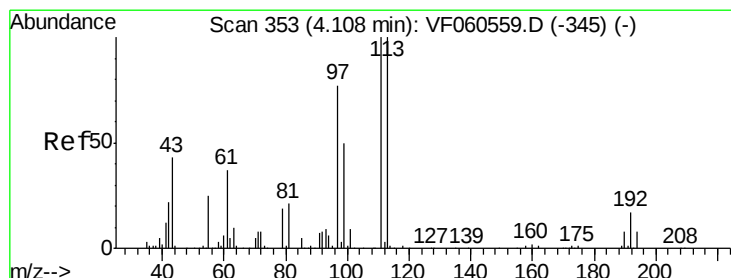
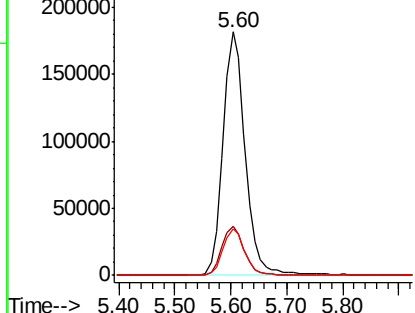
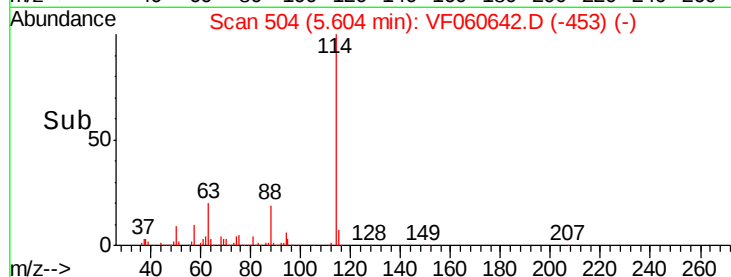
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.01 min
 Lab File: VF060642.D
 Acq: 7 Nov 2018 21:42

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6RE

Tot Ion:114 Resp: 502103
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 18.9 0.0 38.2

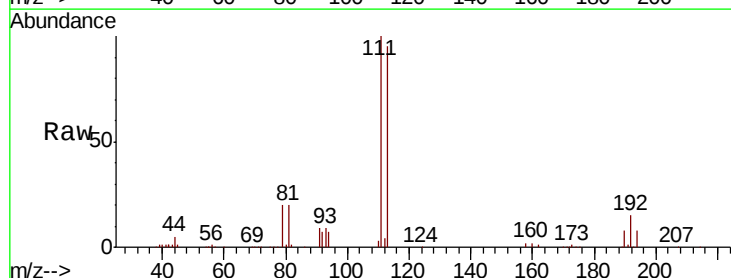


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

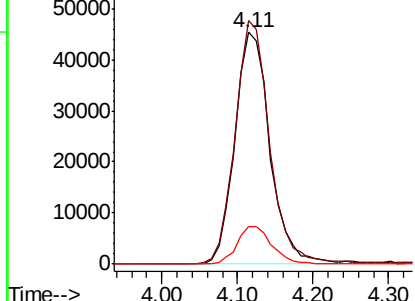
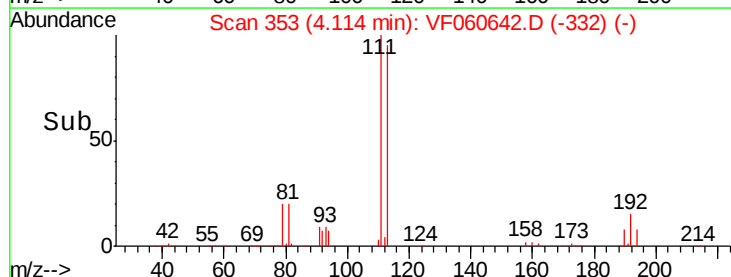


#35
 Dibromofluoromethane
 Concen: 37.578 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VF060642.D
 Acq: 7 Nov 2018 21:42

Tgt Ion:113 Resp: 145773
 Ion Ratio Lower Upper
 113 100
 111 105.1 79.9 119.9
 192 16.4 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: 31.574 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF060642.D

Acq: 7 Nov 2018 21:42

Instrument :

MSVOA_F

ClientSampleId :

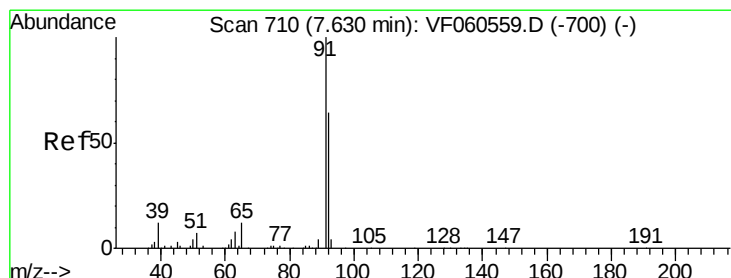
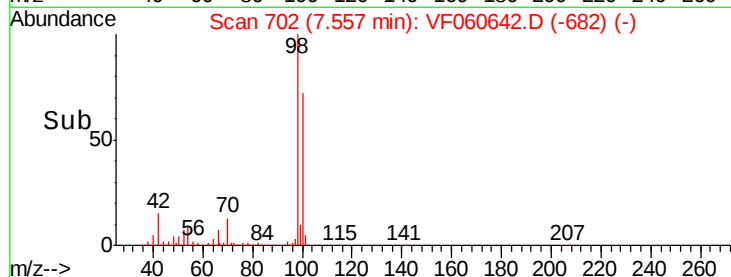
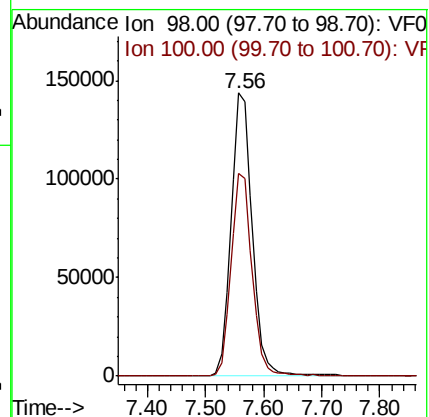
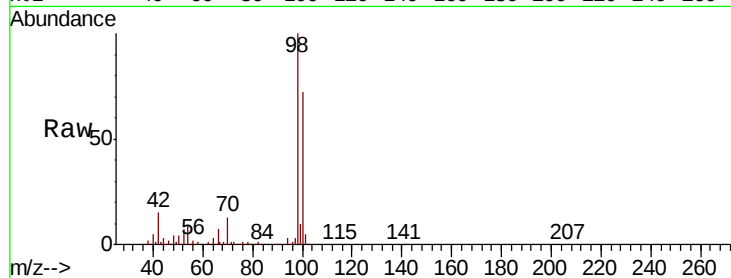
SB-6RE

Tot Ion: 98 Resp: 362827

Ion Ratio Lower Upper

98 100

100 71.6 59.4 89.2



#52

Toluene

Concen: 4.268 ug/l

RT: 7.64 min Scan# 710

Delta R.T. 0.01 min

Lab File: VF060642.D

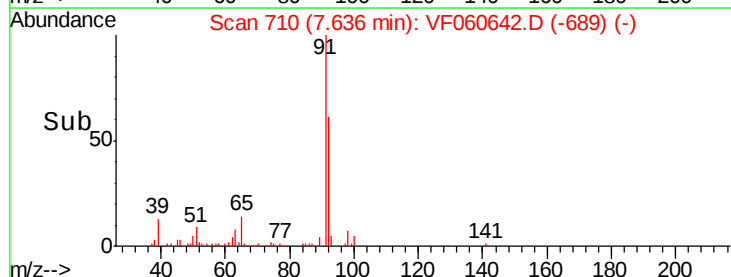
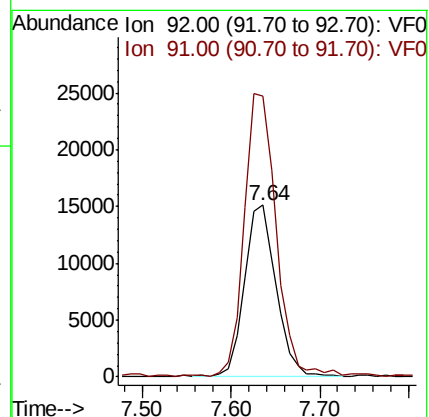
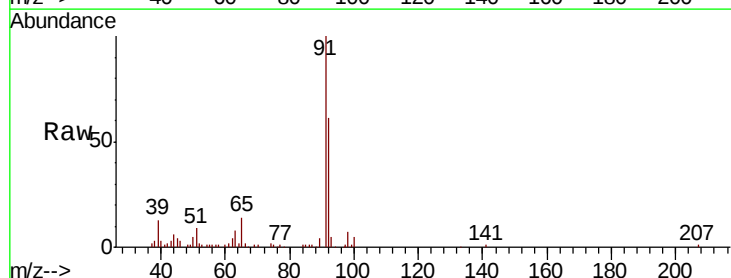
Acq: 7 Nov 2018 21:42

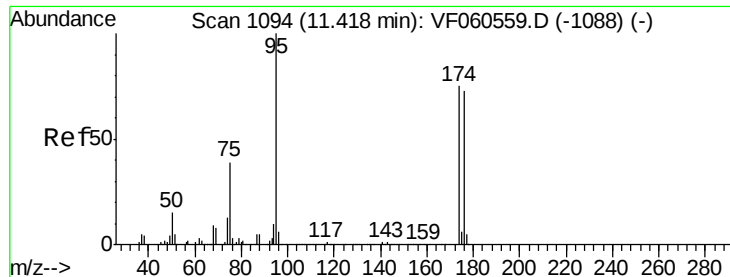
Tgt Ion: 92 Resp: 37310

Ion Ratio Lower Upper

92 100

91 163.1 124.5 186.7

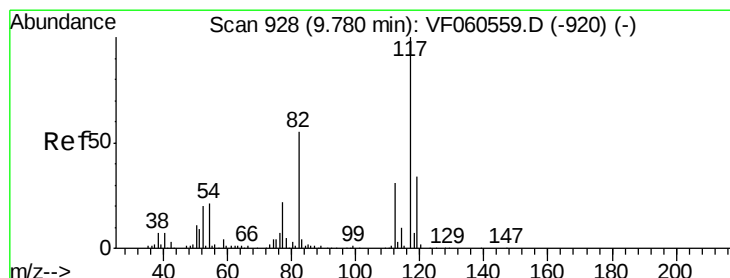
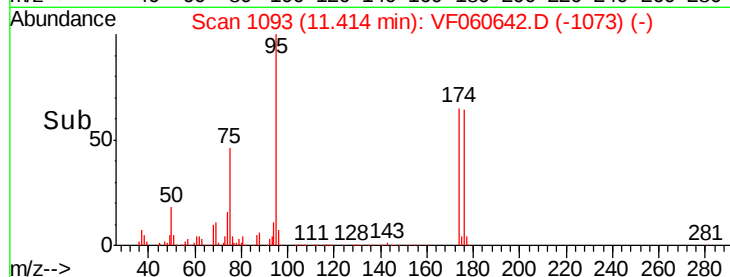
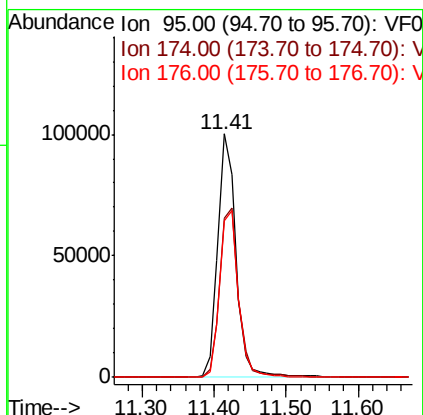
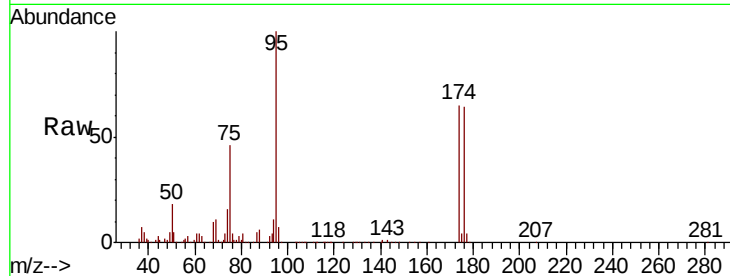




#62
4-Bromofluorobenzene
Concen: 34.787 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060642.D
Acq: 7 Nov 2018 21:42

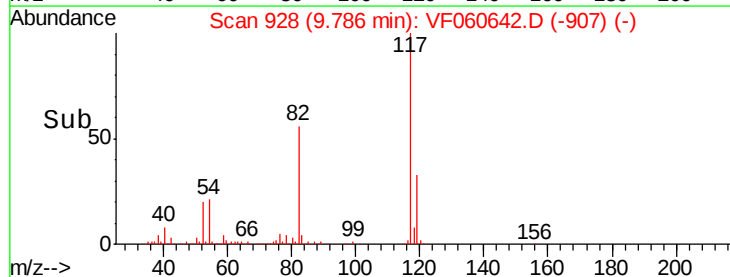
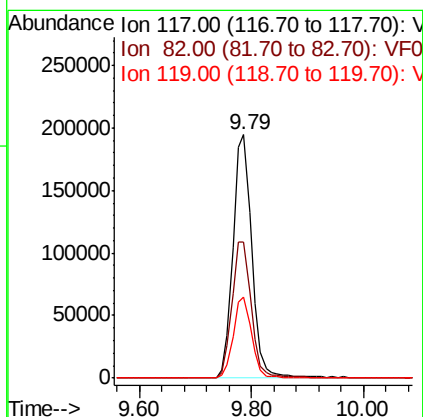
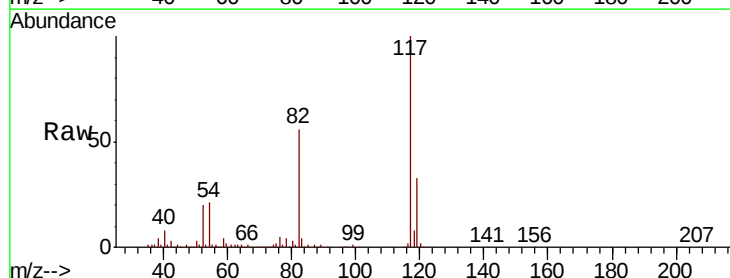
Instrument :
MSVOA_F
ClientSampleId :
SB-6RE

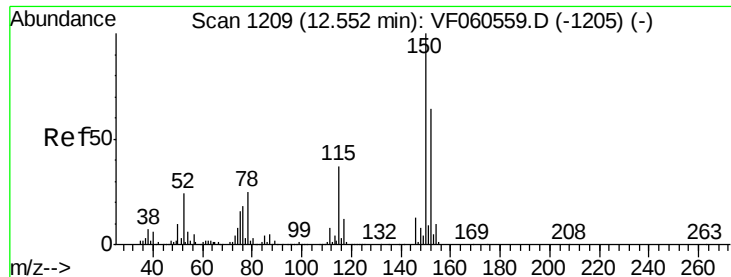
Tot Ion: 95 Resp: 174859
Ion Ratio Lower Upper
95 100
174 65.3 0.0 149.0
176 64.2 0.0 145.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060642.D
Acq: 7 Nov 2018 21:42

Tgt Ion: 117 Resp: 454624
Ion Ratio Lower Upper
117 100
82 55.7 43.9 65.9
119 33.4 27.4 41.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF060642.D

Acq: 7 Nov 2018 21:42

Instrument :

MSVOA_F

ClientSampleId :

SB-6RE

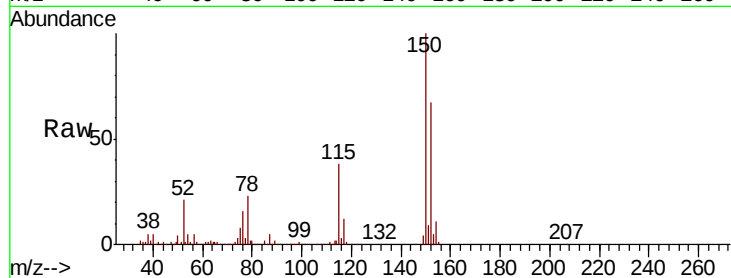
Tot Ion:152 Resp: 237299

Ion Ratio Lower Upper

152 100

115 57.2 29.6 88.8

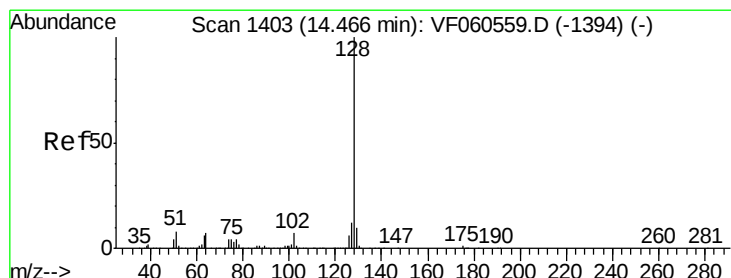
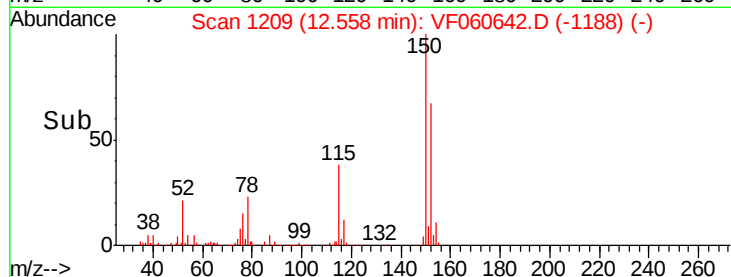
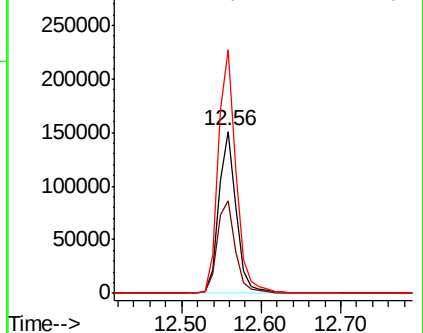
150 150.1 0.0 315.6



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: 7.769 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.00 min

Lab File: VF060642.D

Acq: 7 Nov 2018 21:42

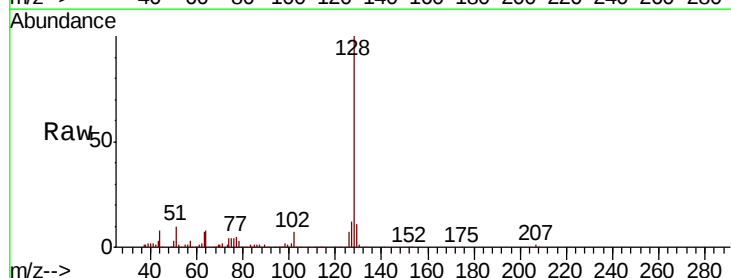
Tgt Ion:128 Resp: 78556

Ion Ratio Lower Upper

128 100

127 12.1 9.4 14.0

129 11.2 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

