

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060092.D
 Acq On : 24 Aug 2018 11:00
 Operator : VA/AP
 Sample : J4612-01
 Misc : 6.22g/5mL/MSVOA F/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200028

Quant Time: Aug 24 16:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	132195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	193658	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	148241	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	93453	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	115167	63.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	127.30%	
35) Dibromofluoromethane	4.29	113	100620	66.17	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	132.34%	
50) Toluene-d8	7.71	98	120808	27.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	55.94%	
62) 4-Bromofluorobenzene	11.51	95	95013	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	

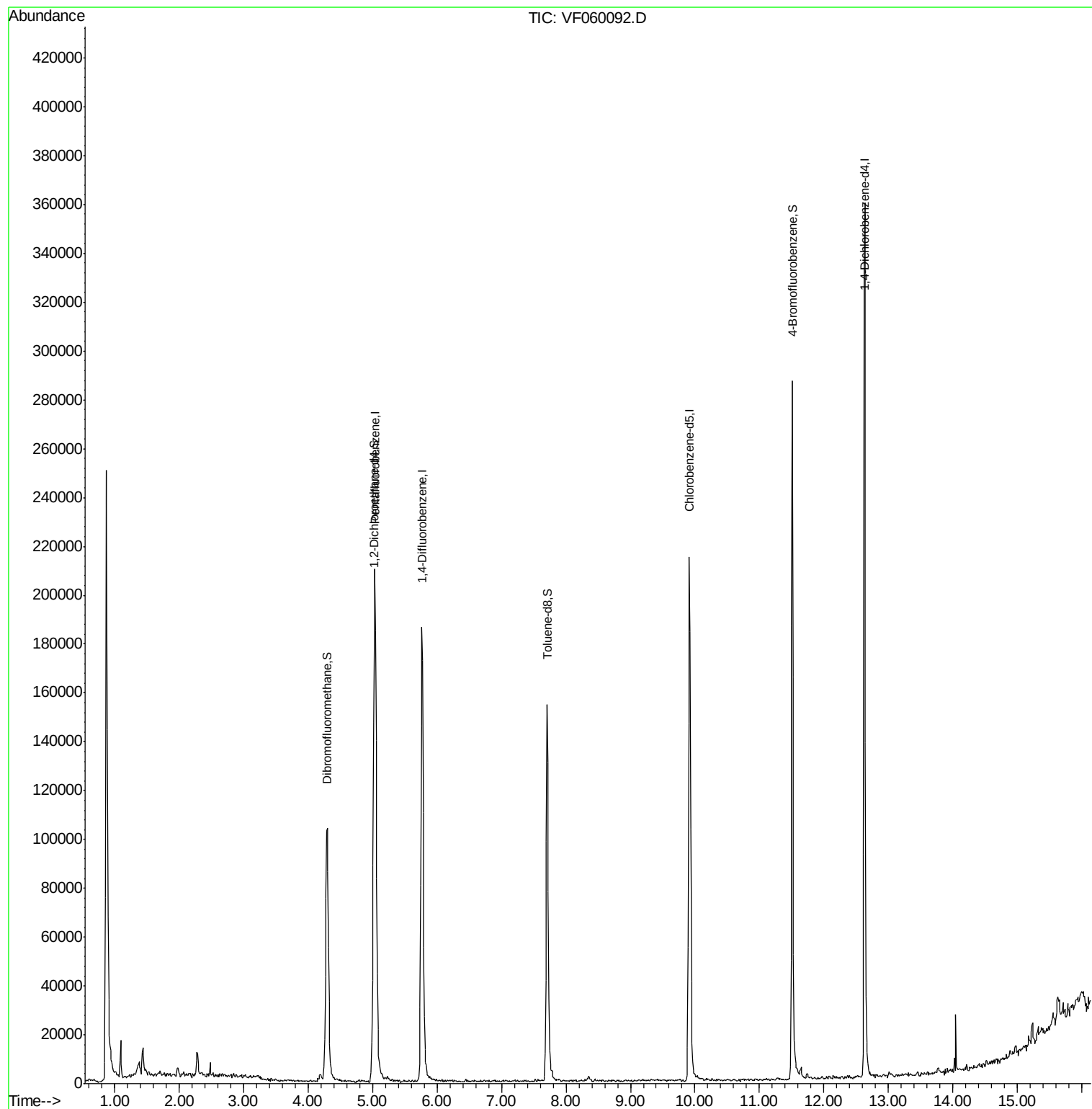
Target Compounds	Qvalue

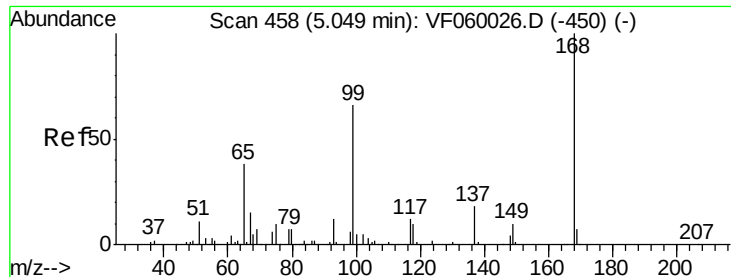
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060092.D

Acq: 24 Aug 2018 11:00

Instrument :

MSVOA_F

ClientSampleId :

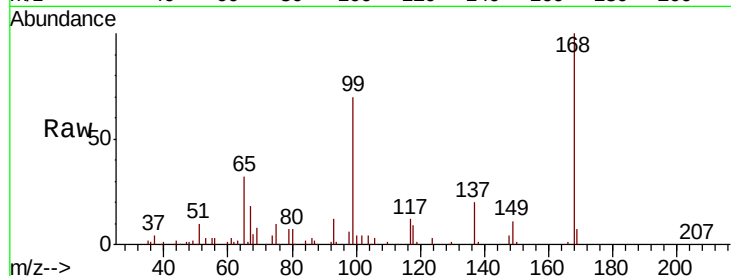
RBR200028

Tot Ion:168 Resp: 132195

Ion Ratio Lower Upper

168 100

99 69.6 52.6 79.0

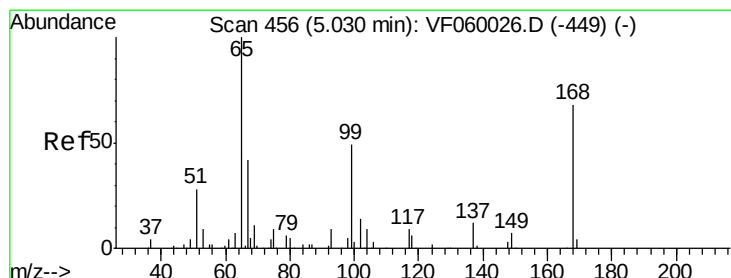
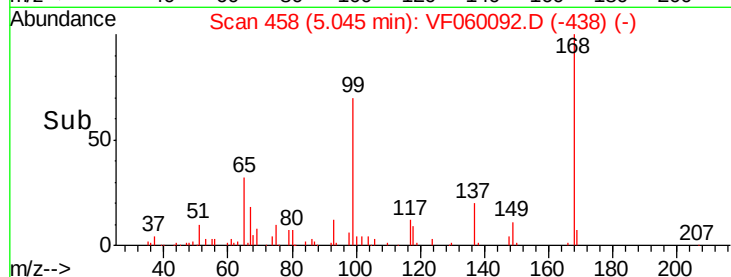


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.65 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF060092.D

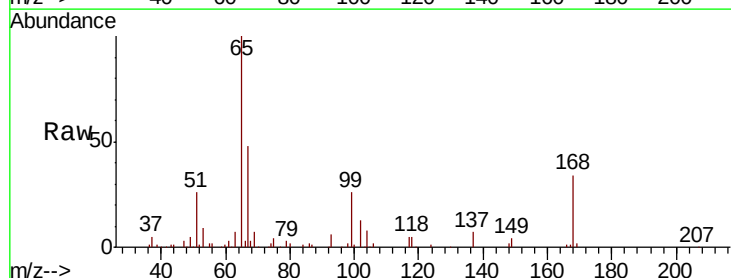
Acq: 24 Aug 2018 11:00

Tgt Ion: 65 Resp: 115167

Ion Ratio Lower Upper

65 100

67 48.4 0.0 92.0

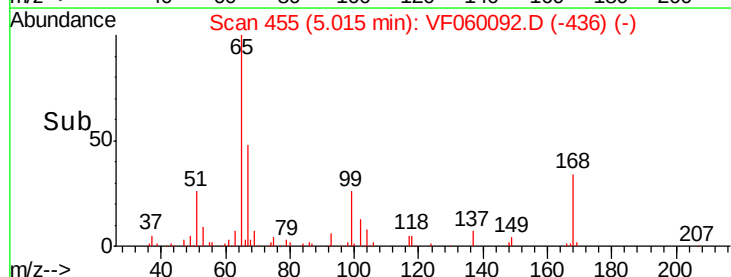


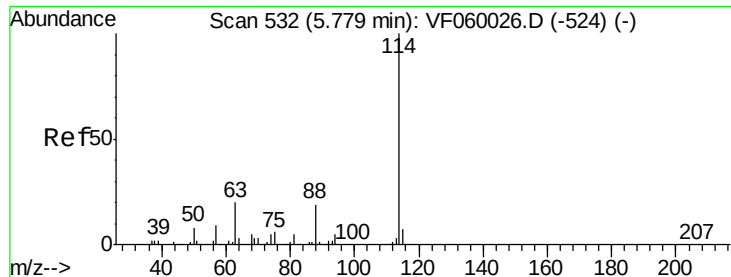
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

Time-->

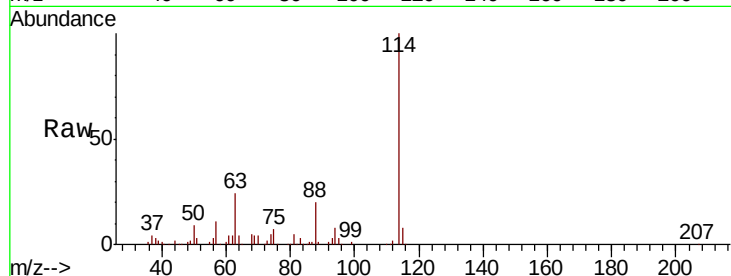




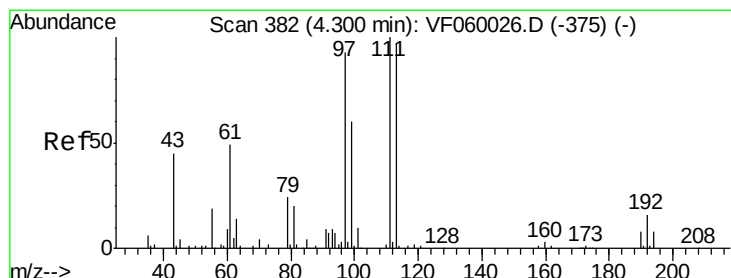
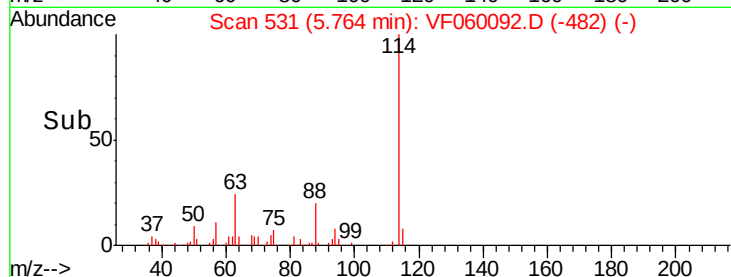
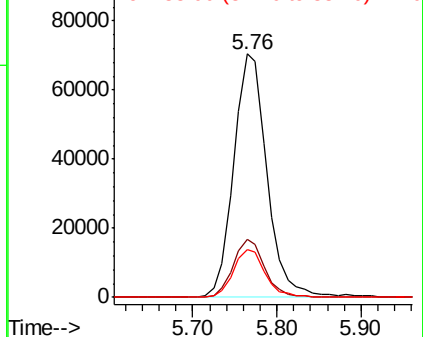
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060092.D
 Acq: 24 Aug 2018 11:00

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR200028

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	40.4
88	19.9	0.0	38.6

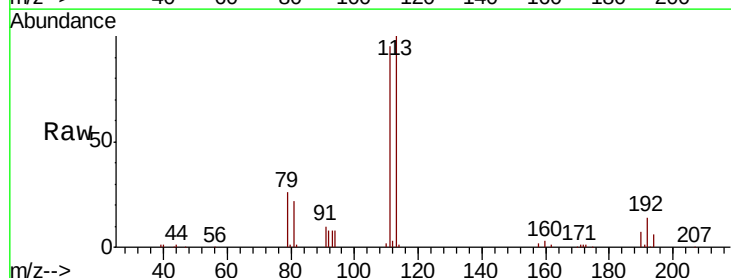


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

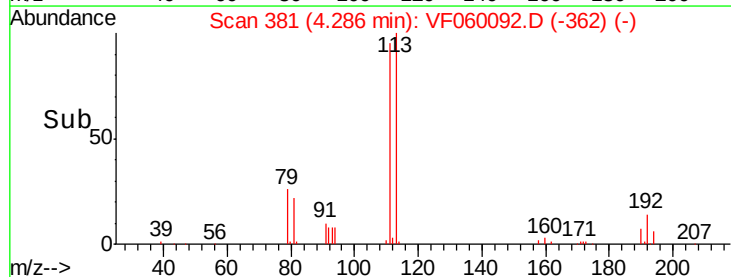
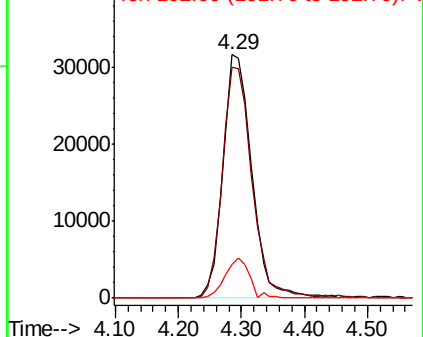


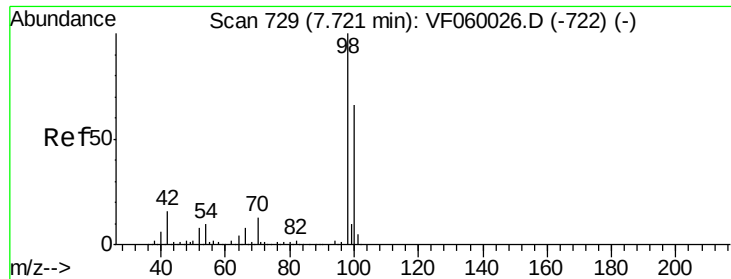
#35
 Dibromofluoromethane
 Concen: 66.17 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF060092.D
 Acq: 24 Aug 2018 11:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	95.0	82.7	124.1
192	13.8	13.0	19.4



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

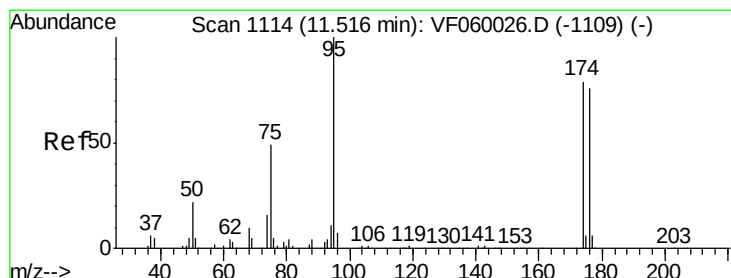
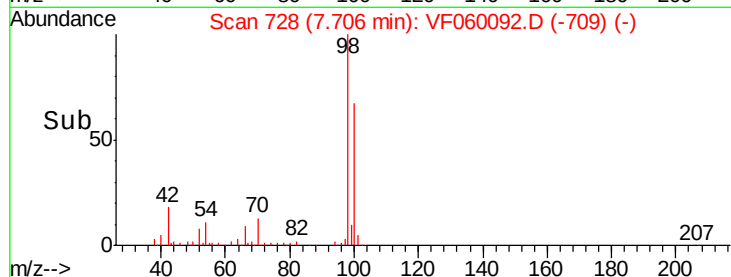
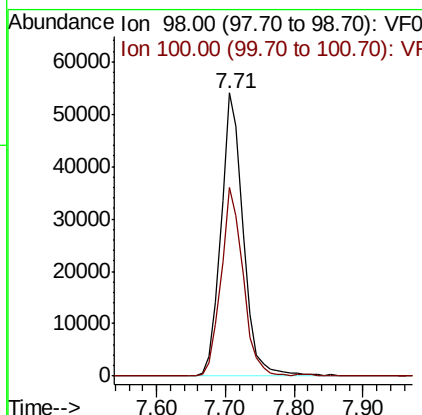
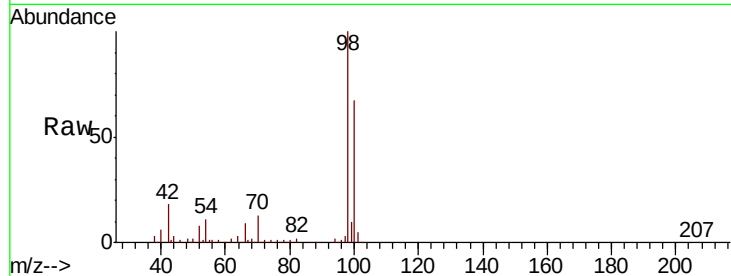




#50
Toluene-d8
Concen: 27.97 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060092.D
Acq: 24 Aug 2018 11:00

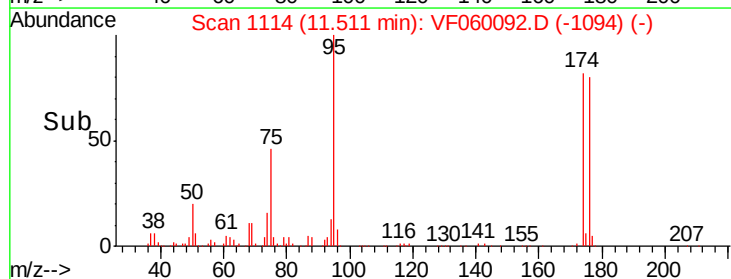
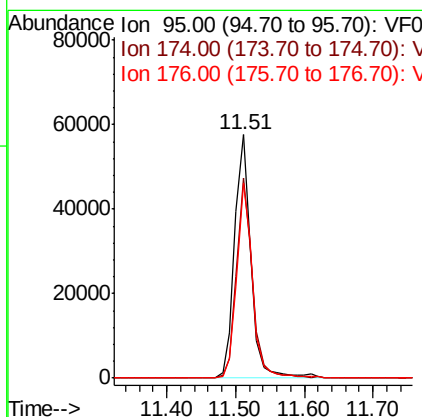
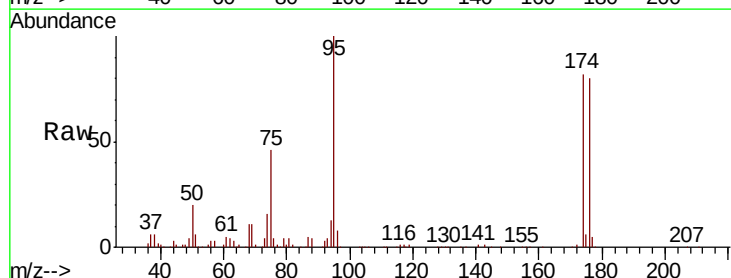
Instrument :
MSVOA_F
ClientSampleId :
RBR200028

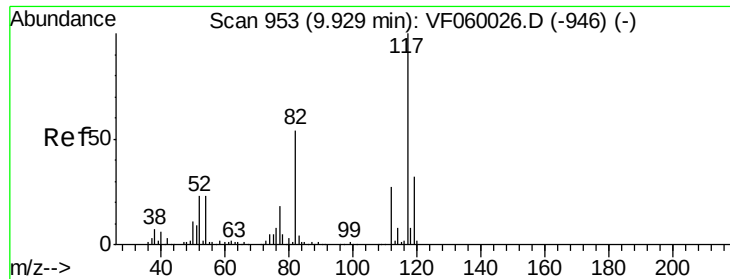
Tot Ion: 98 Resp: 120808
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 41.59 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF060092.D
Acq: 24 Aug 2018 11:00

Tgt Ion: 95 Resp: 95013
Ion Ratio Lower Upper
95 100
174 82.4 0.0 158.4
176 79.8 0.0 153.0

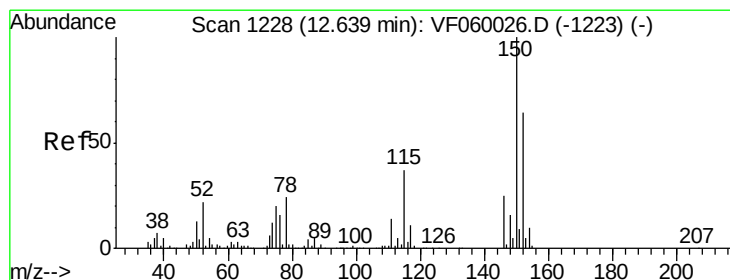
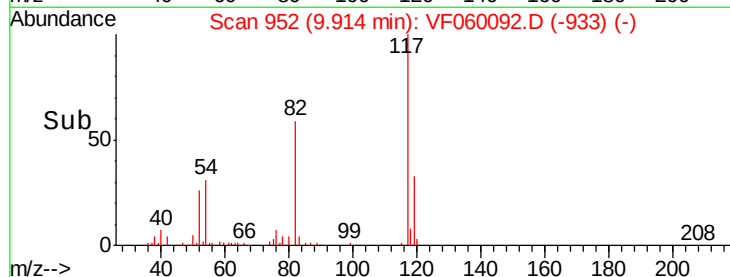
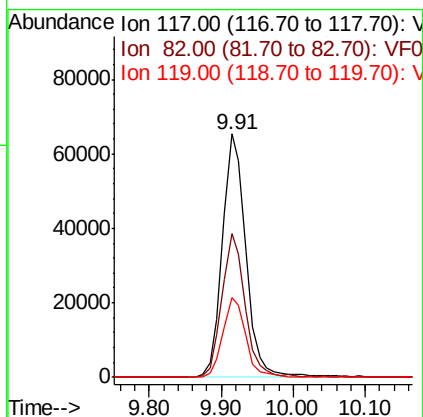
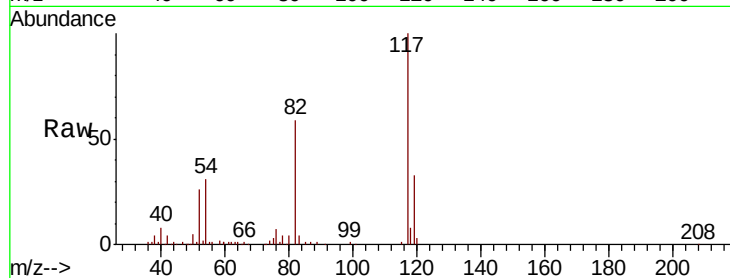




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060092.D
Acq: 24 Aug 2018 11:00

Instrument :
MSVOA_F
ClientSampleId :
RBR200028

Tot Ion:117 Resp: 148241
Ion Ratio Lower Upper
117 100
82 59.2 43.6 65.4
119 32.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060092.D
Acq: 24 Aug 2018 11:00

Tgt Ion:152 Resp: 93453
Ion Ratio Lower Upper
152 100
115 56.5 28.6 85.9
150 158.3 0.0 312.0

