

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
 Data File : VF060988.D
 Acq On : 11 Dec 2018 20:51
 Operator : VA/AP
 Sample : J6214-50RE
 Misc : 5.17g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7-(12.5-14.5)RE

Quant Time: Dec 12 07:15:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	61921	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	99585	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.78	117	74382	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	29695	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	38155	52.31	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	4.12	113	39125	49.52	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	7.56	98	68829	29.58	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	59.16%	
62) 4-Bromofluorobenzene	11.42	95	34641	32.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	65.50%	

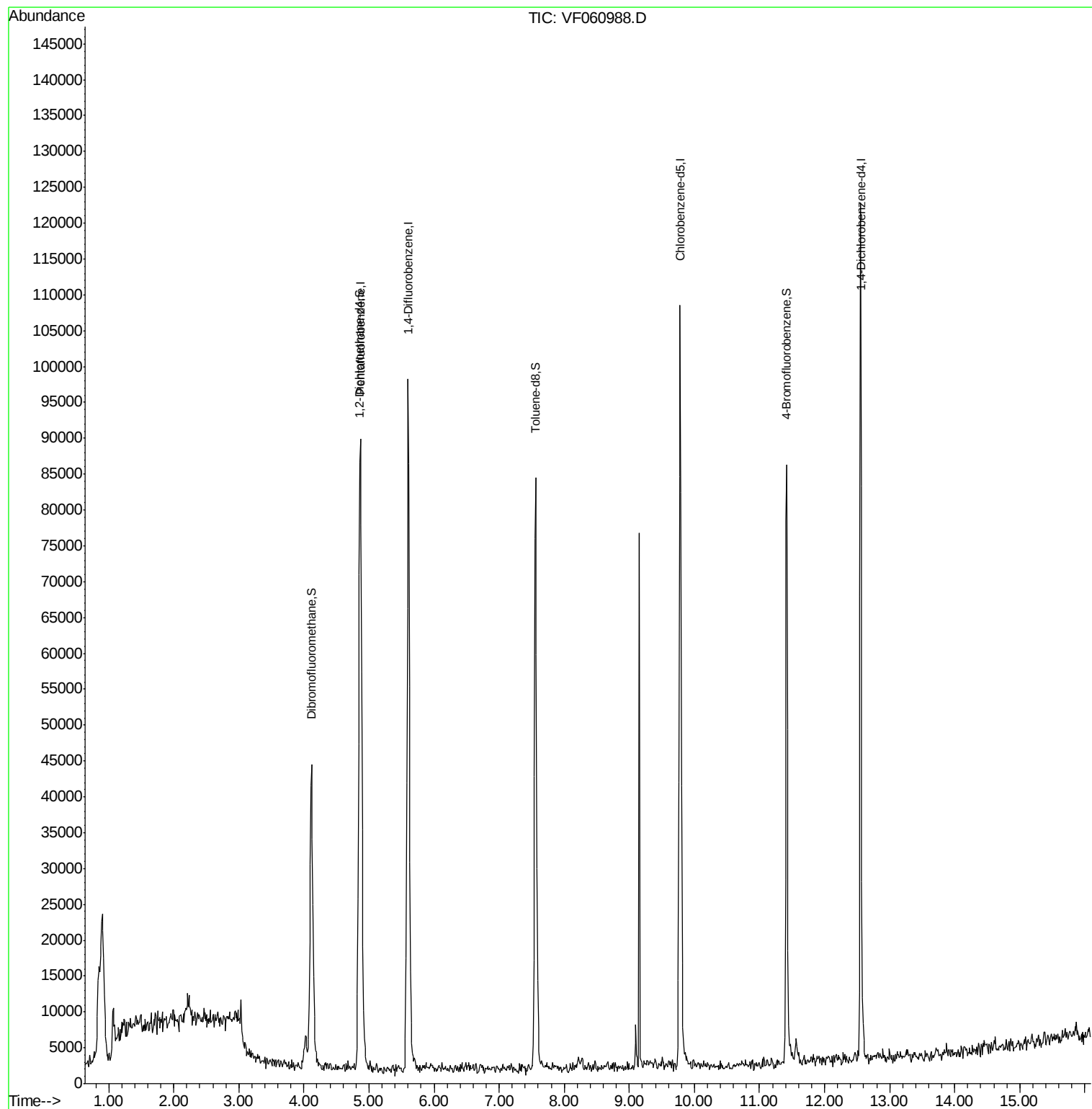
Target Compounds	Qvalue

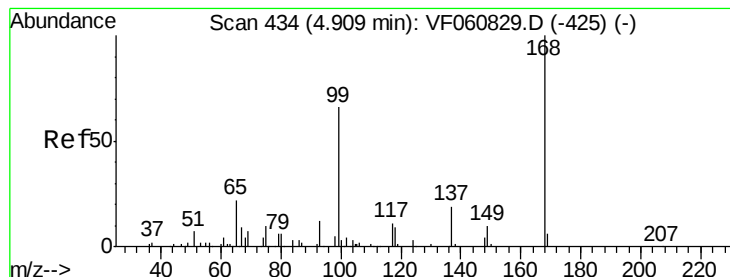
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.03 min

Lab File: VF060988.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_F

ClientSampleId :

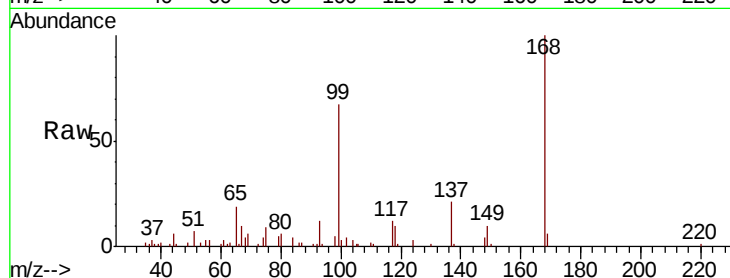
SB-7-(12.5-14.5)RE

Tot Ion:168 Resp: 61921

Ion Ratio Lower Upper

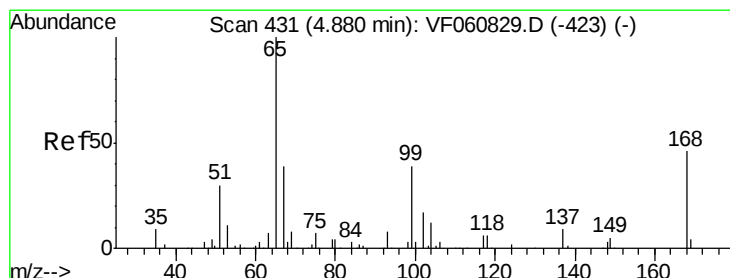
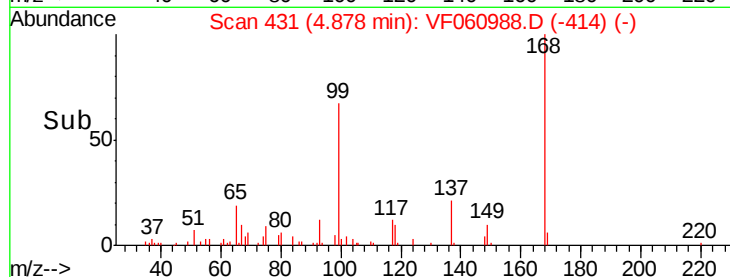
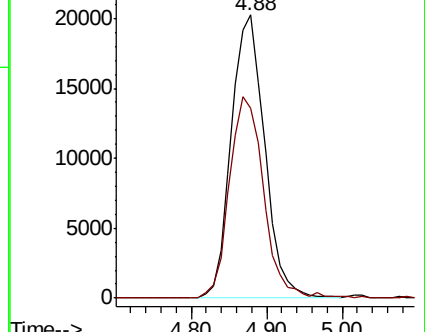
168 100

99 67.1 52.6 79.0



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: 52.307 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF060988.D

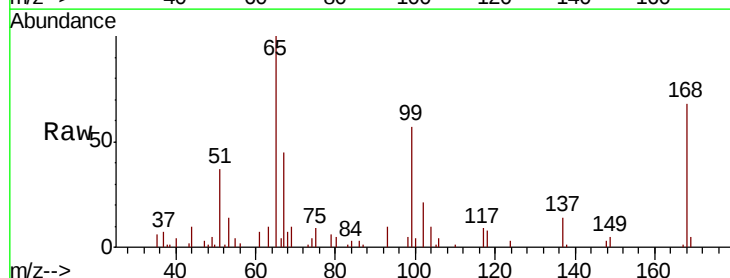
Acq: 11 Dec 2018 20:51

Tgt Ion: 65 Resp: 38155

Ion Ratio Lower Upper

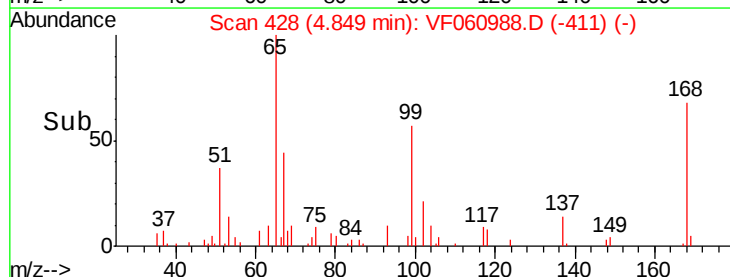
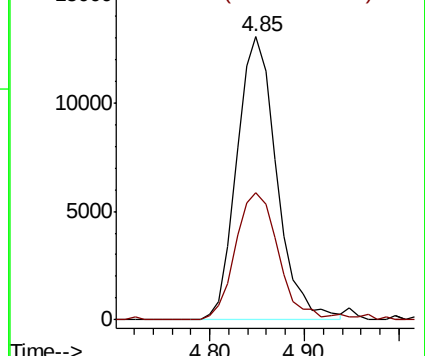
65 100

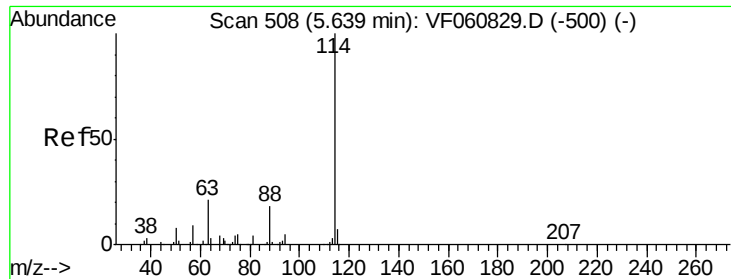
67 45.1 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060988.D

Acq: 11 Dec 2018 20:51

Instrument :

MSVOA_F

ClientSampleId :

SB-7-(12.5-14.5)RE

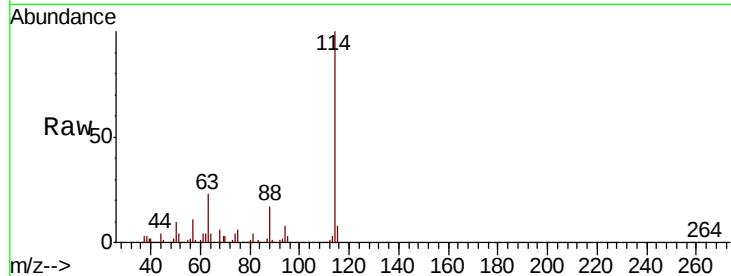
Tot Ion:114 Resp: 99585

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.6

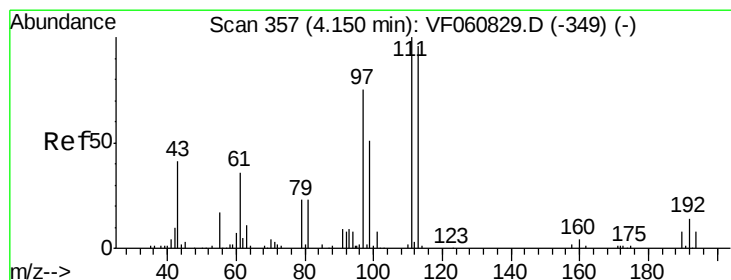
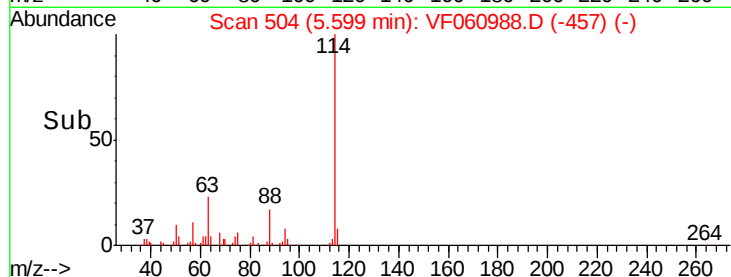
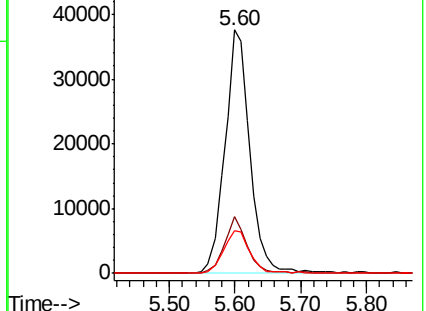
88 17.5 0.0 36.6



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: 49.523 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.03 min

Lab File: VF060988.D

Acq: 11 Dec 2018 20:51

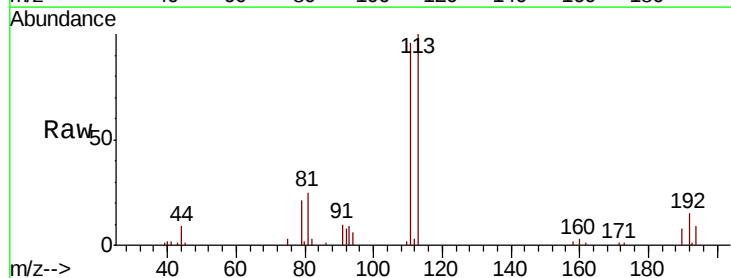
Tgt Ion:113 Resp: 39125

Ion Ratio Lower Upper

113 100

111 96.3 83.0 124.6

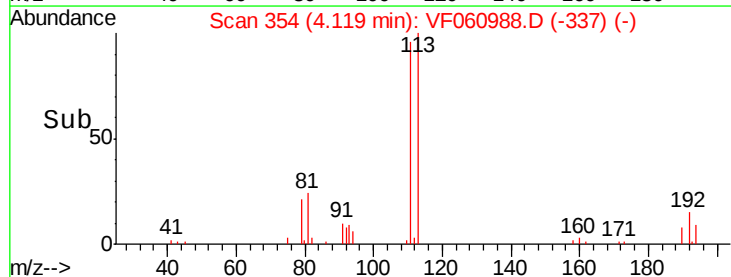
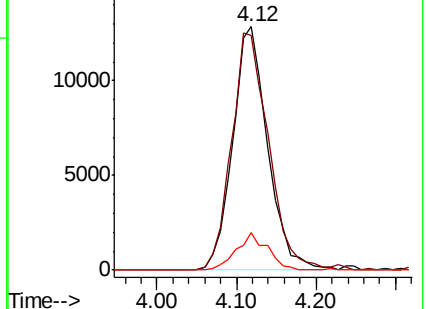
192 15.5 12.3 18.5

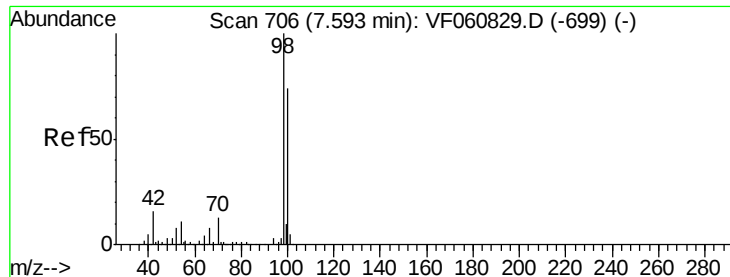


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

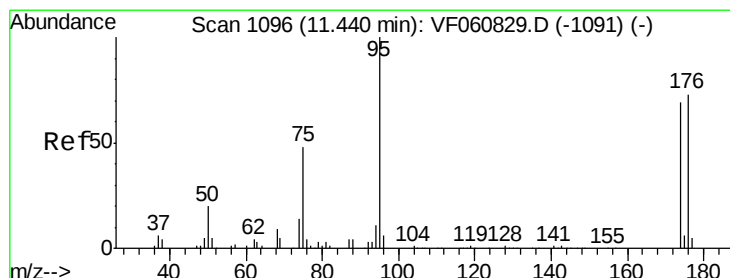
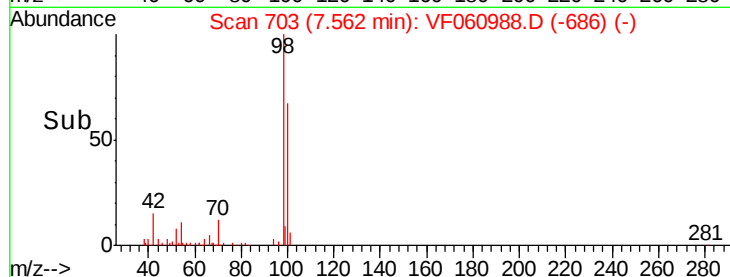
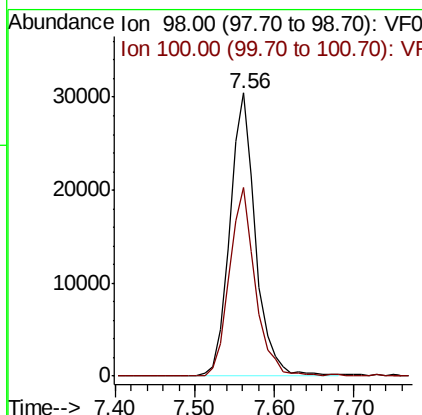
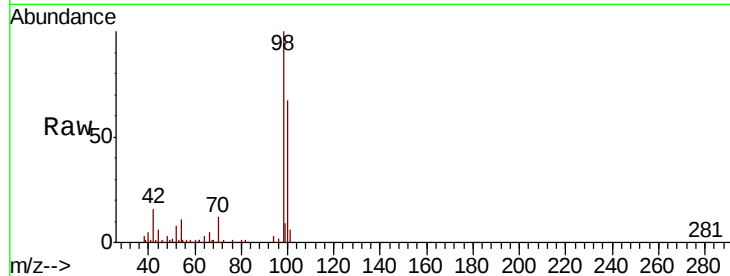




#50
Toluene-d8
Concen: 29.576 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.03 min
Lab File: VF060988.D
Acq: 11 Dec 2018 20:51

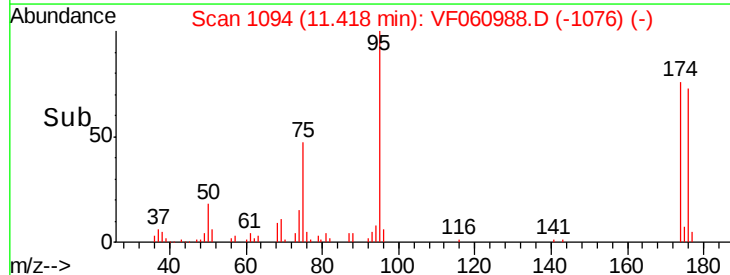
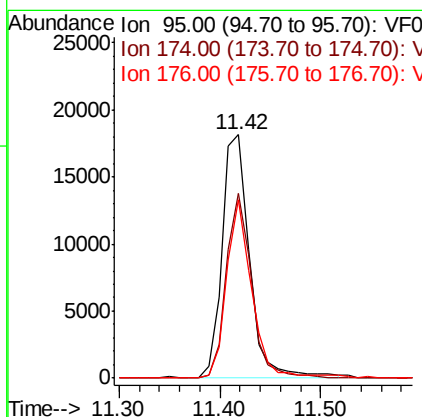
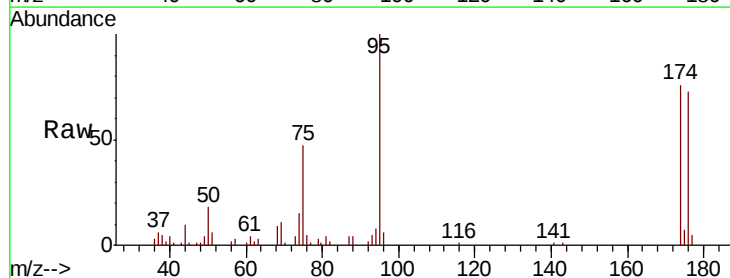
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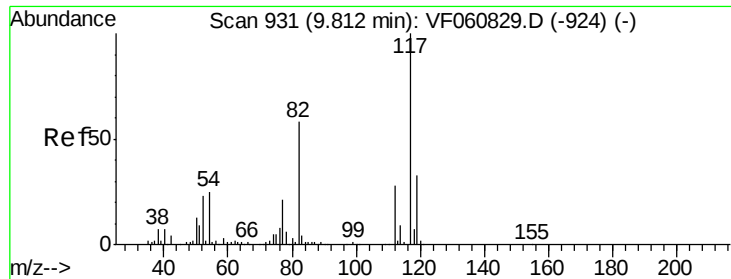
Tot Ion: 98 Resp: 68829
Ion Ratio Lower Upper
98 100
100 66.5 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 32.752 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. -0.02 min
Lab File: VF060988.D
Acq: 11 Dec 2018 20:51

Tgt Ion: 95 Resp: 34641
Ion Ratio Lower Upper
95 100
174 76.0 0.0 138.2
176 73.3 0.0 146.2

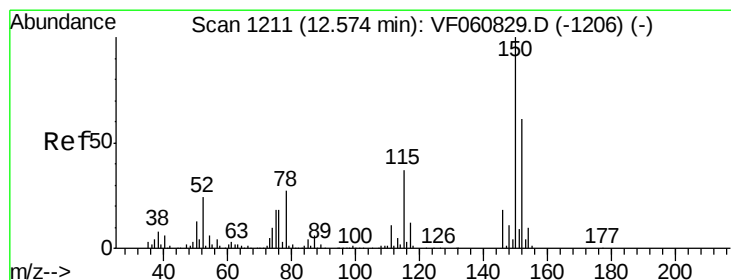
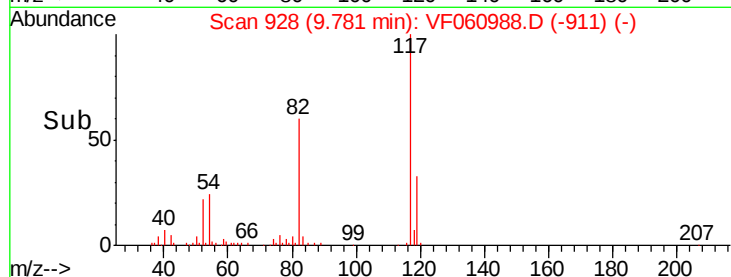
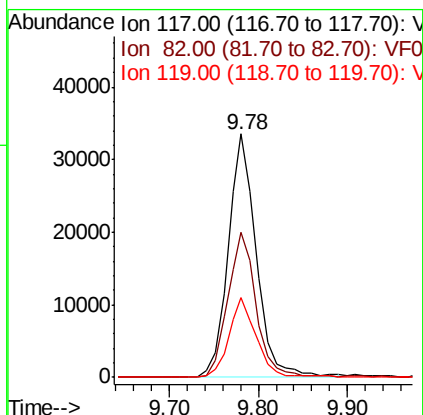
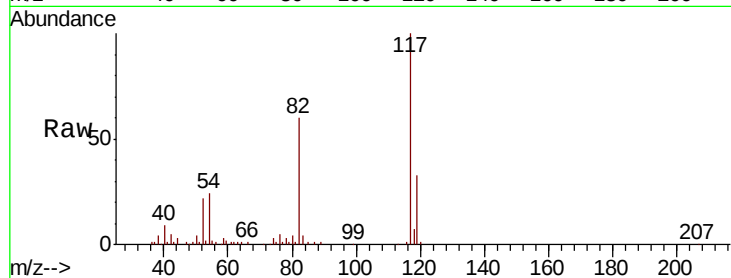




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF060988.D
Acq: 11 Dec 2018 20:51

Instrument :
MSVOA_F
ClientSampleId :
SB-7-(12.5-14.5)RE

Tot Ion:117 Resp: 74382
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 32.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060988.D
Acq: 11 Dec 2018 20:51

Tgt Ion:152 Resp: 29695
Ion Ratio Lower Upper
152 100
115 62.8 30.1 90.5
150 150.8 0.0 327.6

