

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059806.D
 Acq On : 2 Aug 2018 17:49
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Aug 03 07:29:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	166582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	236250	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	235220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	161129	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	160120	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	4.28	113	128407	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
50) Toluene-d8	7.70	98	273234	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.51	95	149303	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	

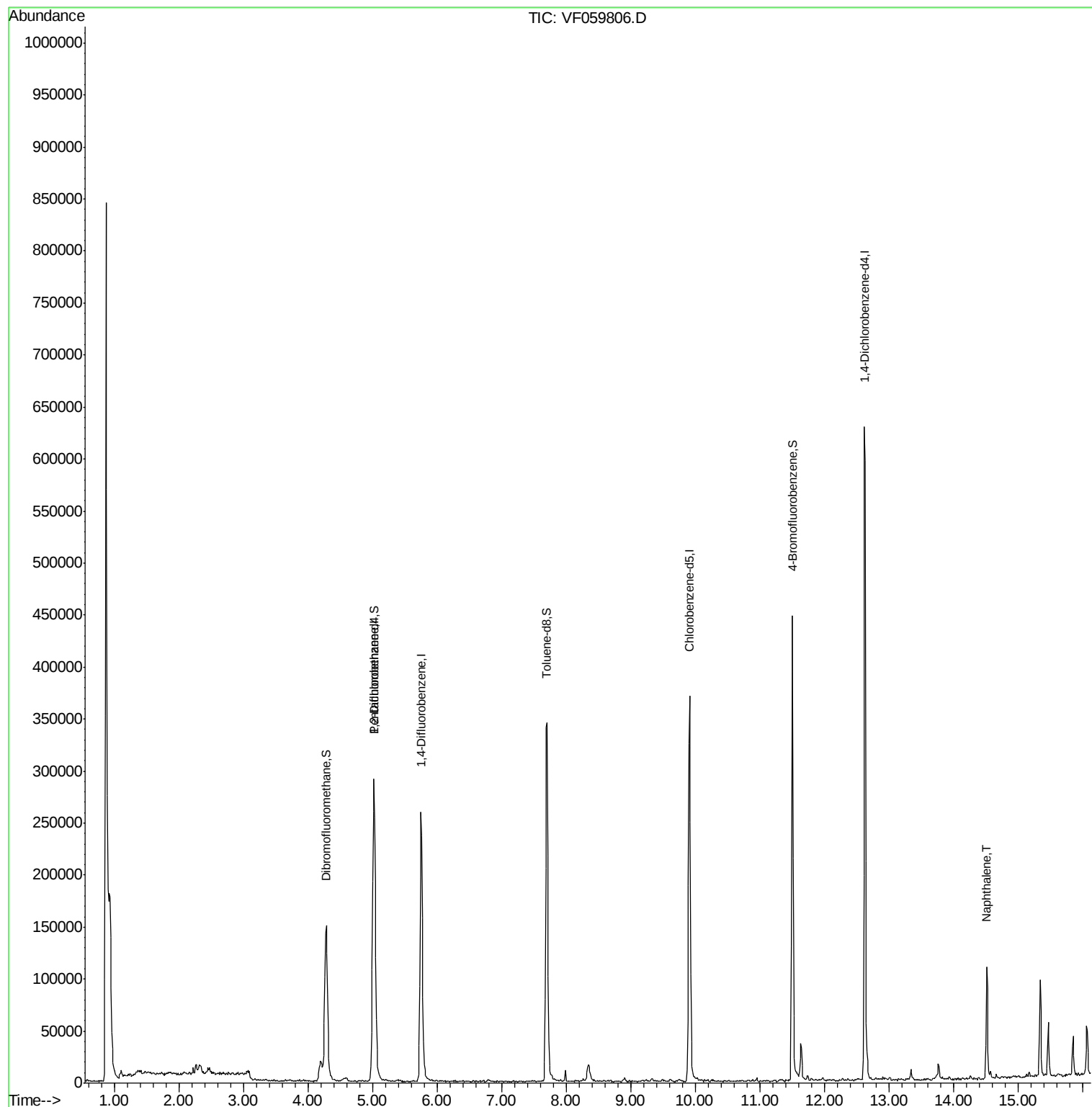
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.51	128	75063	10.81	ug/l	98

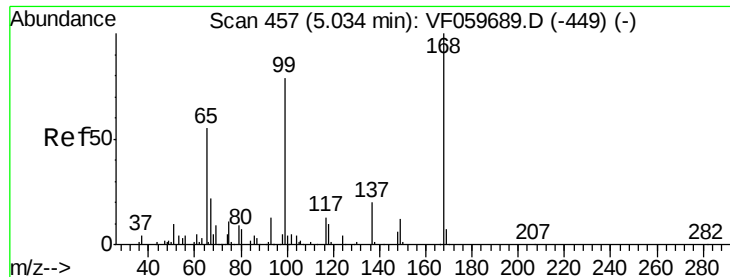
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059806.D

Acq: 2 Aug 2018 17:49

Instrument :

MSVOA_F

ClientSampleId :

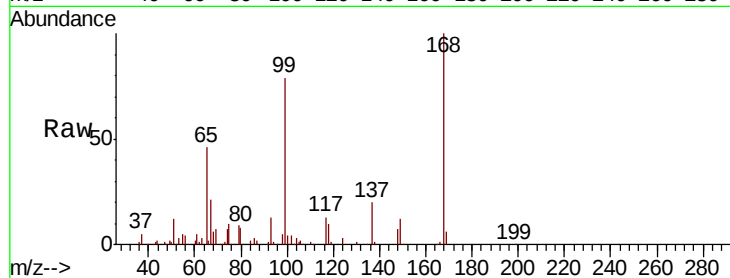
VIBLK

Tot Ion:168 Resp: 166582

Ion Ratio Lower Upper

168 100

99 78.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

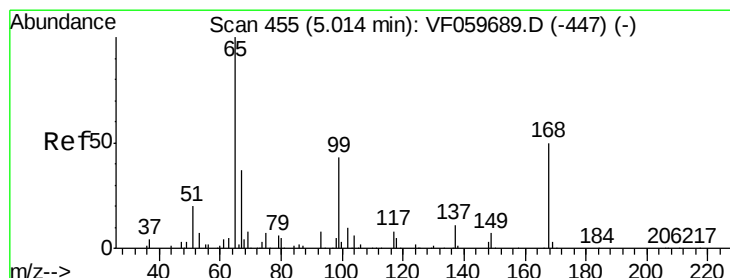
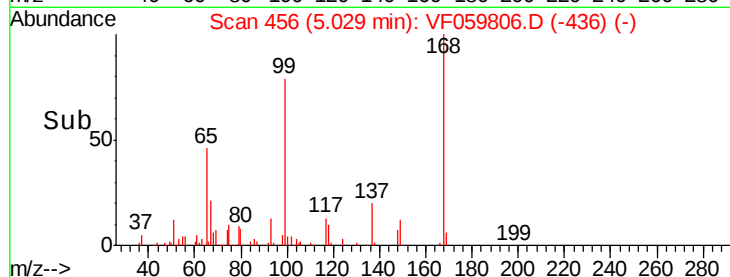
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.48 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059806.D

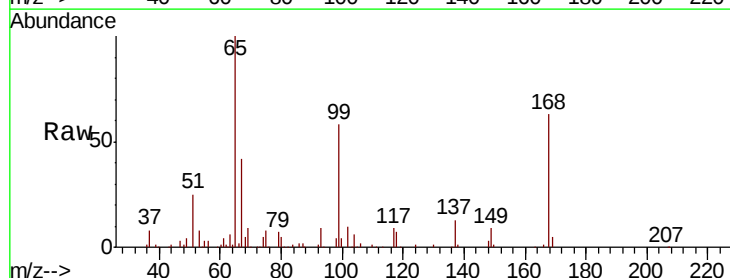
Acq: 2 Aug 2018 17:49

Tgt Ion: 65 Resp: 160120

Ion Ratio Lower Upper

65 100

67 42.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

50000

40000

30000

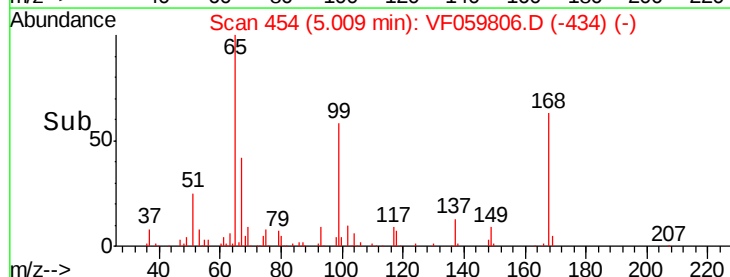
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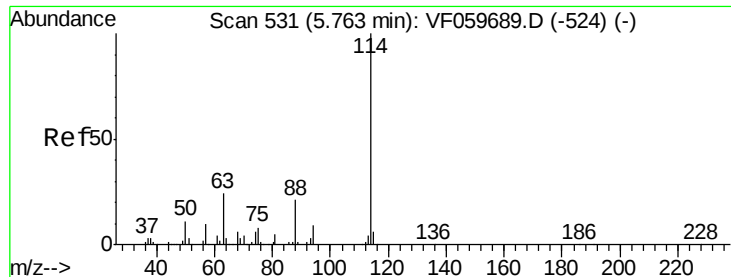
10000

0

4.80 4.90 5.00 5.10 5.20

Time-->

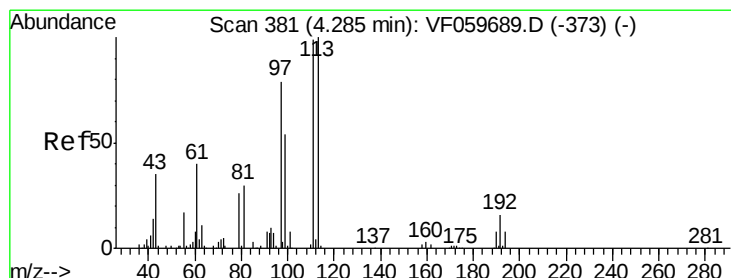
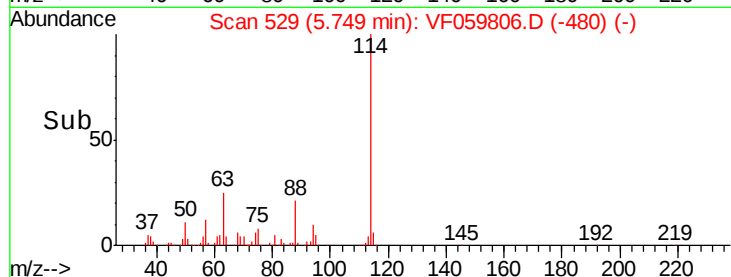
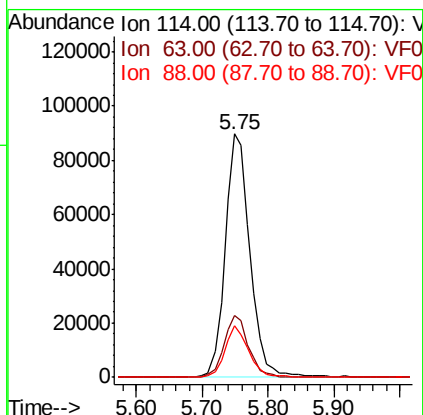
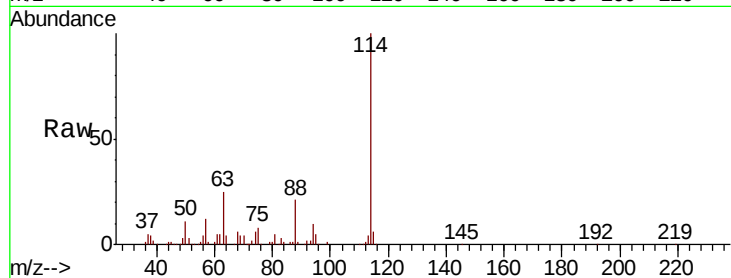




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VF059806.D
 Acq: 2 Aug 2018 17:49

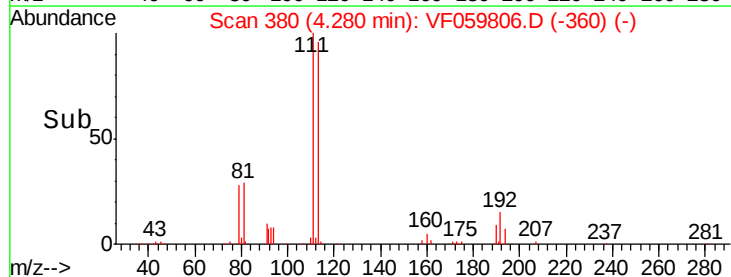
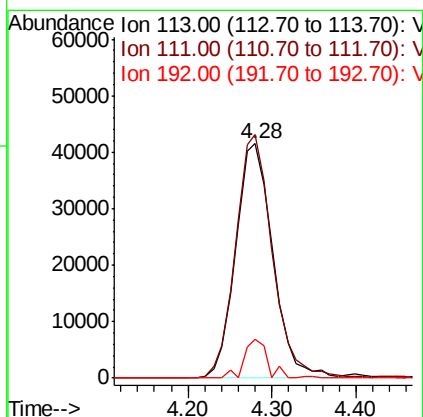
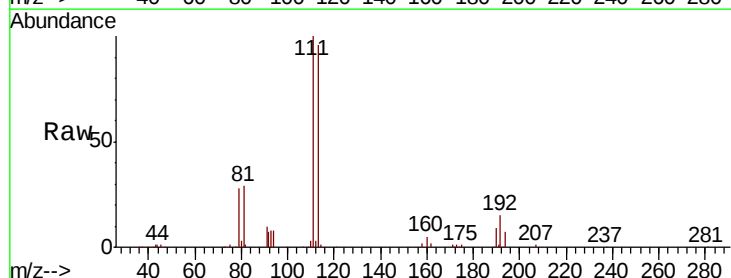
Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

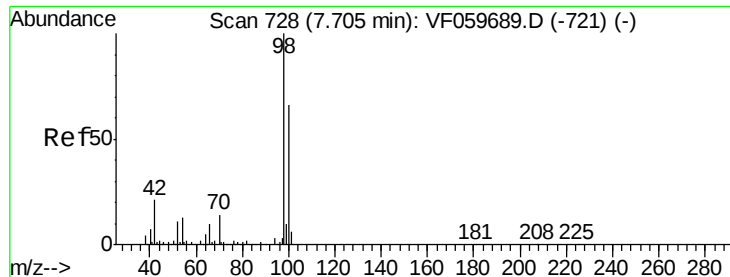
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.5	0.0	47.4
88	21.3	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 52.33 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059806.D
 Acq: 2 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	79.0	118.4
192	16.4	13.2	19.8

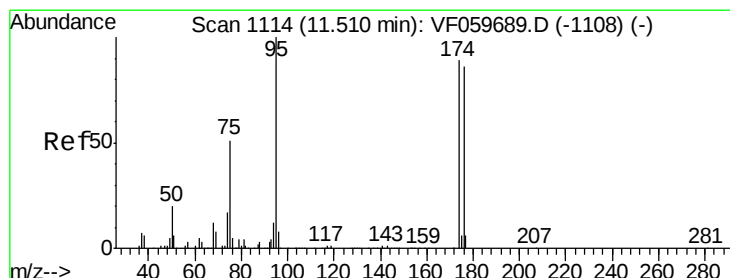
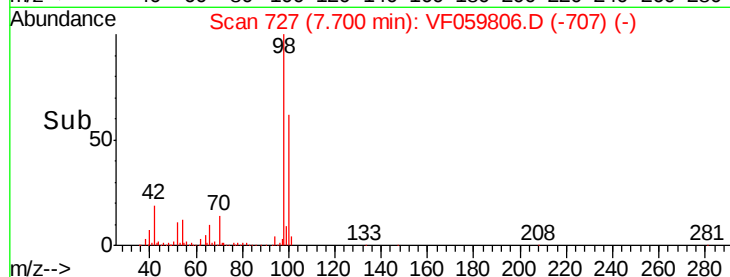
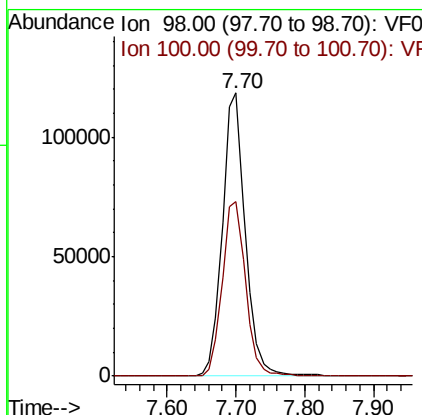
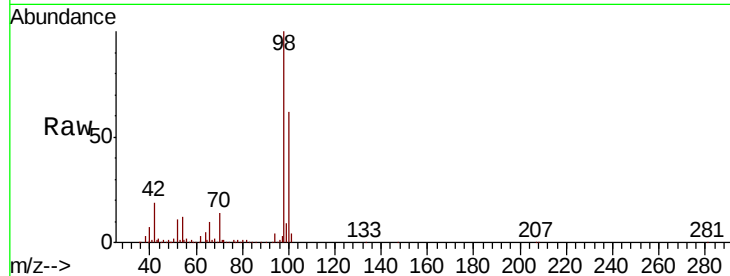




#50
Toluene-d8
Concen: 47.75 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

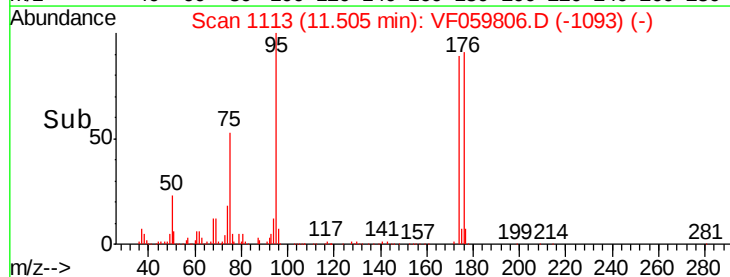
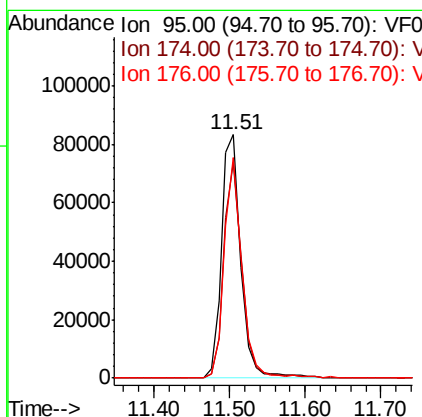
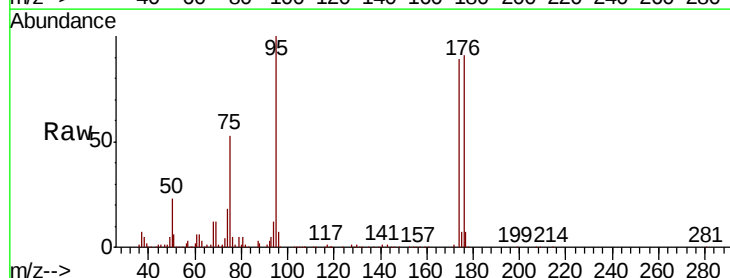
Instrument :
MSVOA_F
ClientSampleId :
VIBLK

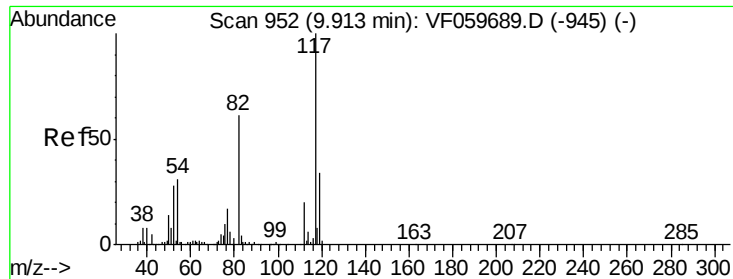
Tot Ion: 98 Resp: 273234
Ion Ratio Lower Upper
98 100
100 61.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.13 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion: 95 Resp: 149303
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.4
176 90.8 0.0 173.0

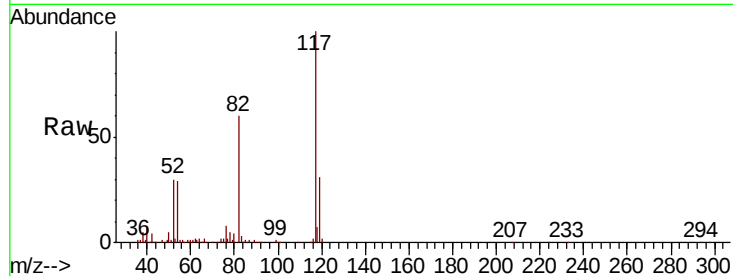




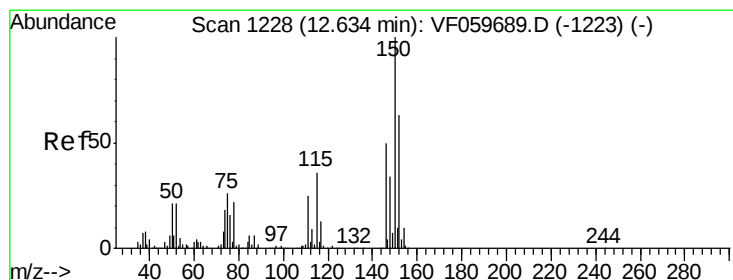
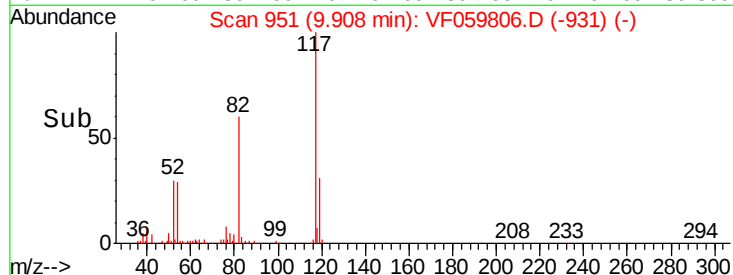
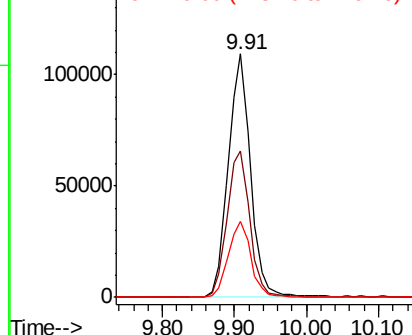
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Instrument :
MSVOA_F
ClientSampleID :
VIBLK

Tot Ion:117 Resp: 235220
Ion Ratio Lower Upper
117 100
82 60.1 49.0 73.4
119 31.3 27.3 40.9

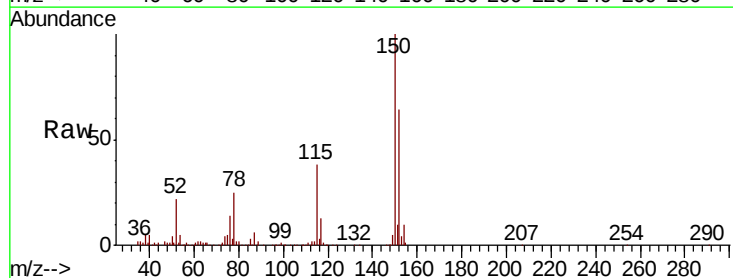


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

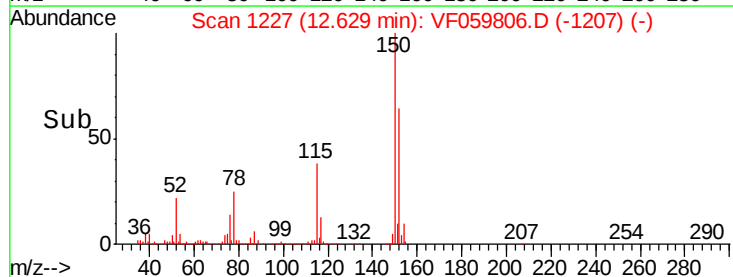
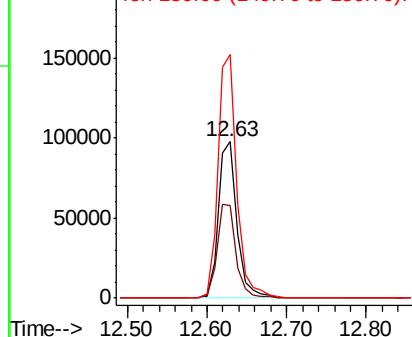


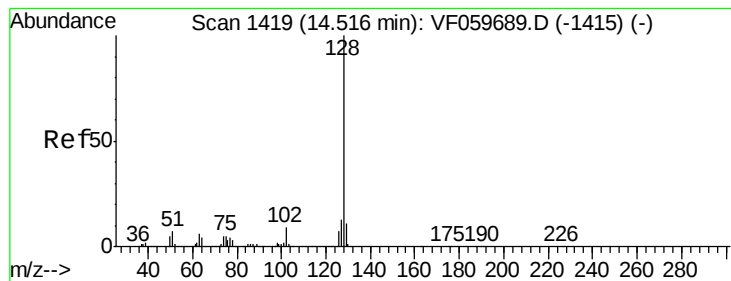
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059806.D
Acq: 2 Aug 2018 17:49

Tgt Ion:152 Resp: 161129
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.6
150 155.9 0.0 316.2



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: 10.81 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. -0.00 min

Lab File: VF059806.D

Acq: 2 Aug 2018 17:49

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

Tot Ion:128 Resp: 75063

Ion Ratio Lower Upper

128 100

127 11.6 10.0 15.0

129 10.4 8.6 13.0

