

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059822.D
 Acq On : 3 Aug 2018 3:03
 Operator : VA/AP
 Sample : VF0802SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0802SBL02

Quant Time: Aug 03 08:09:06 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	5.04	168	188341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	279292	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	259205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	164389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	170470	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	4.29	113	147866	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	7.71	98	318992	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.50	95	167924	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

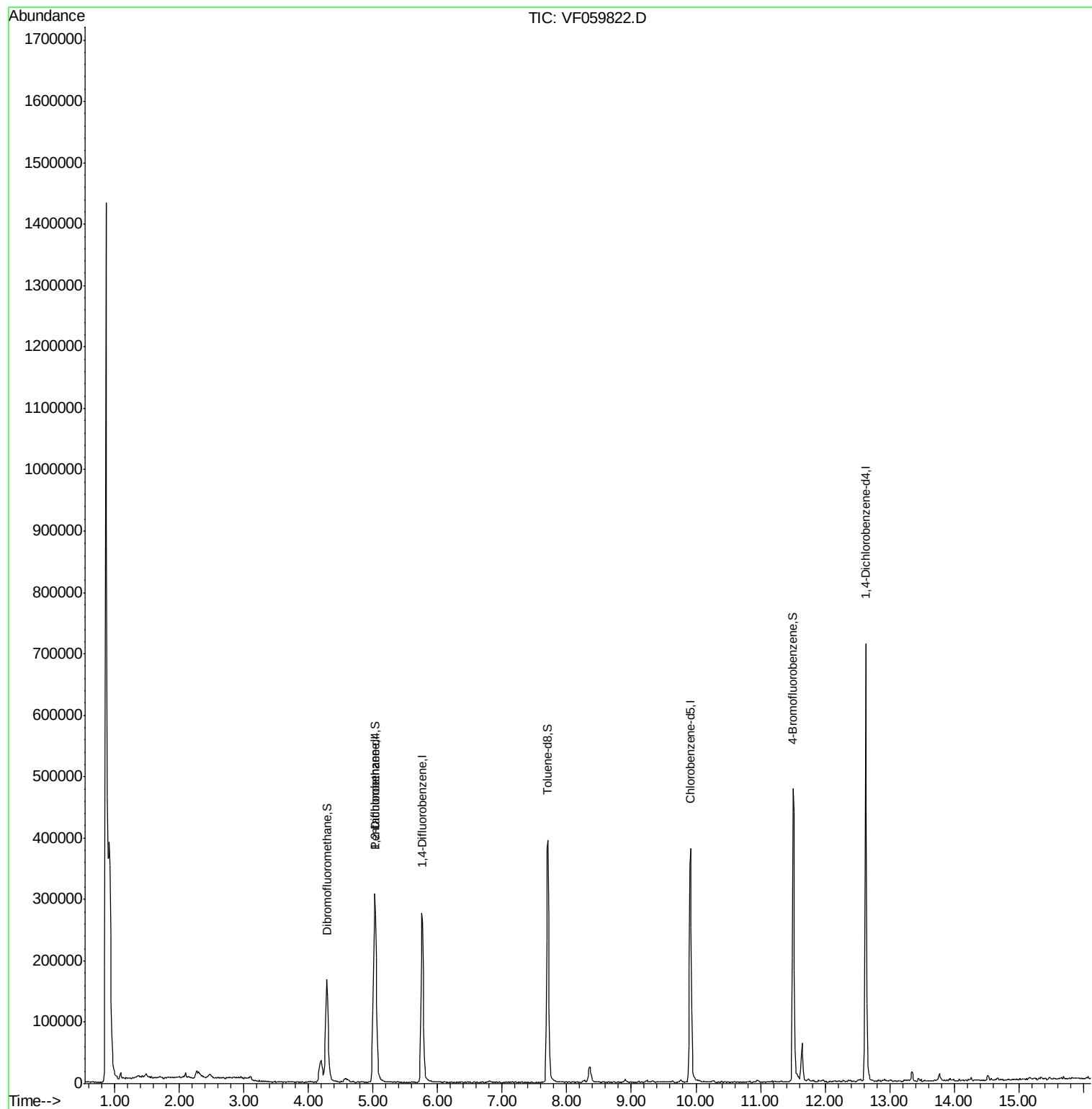
Target Compounds	Qvalue

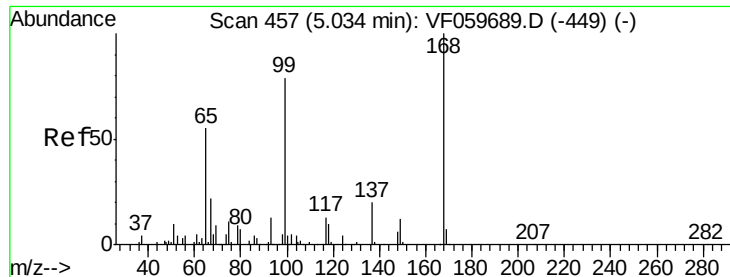
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059822.D

Acq: 3 Aug 2018 3:03

Instrument :

MSVOA_F

ClientSampleId :

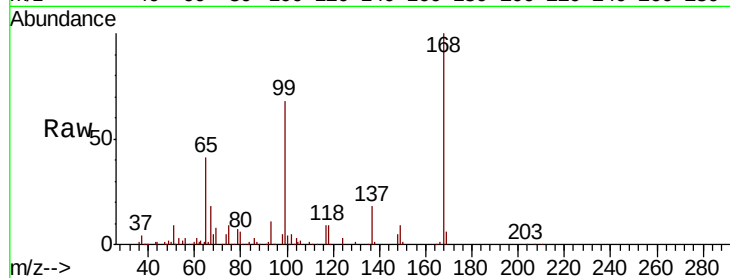
VF0802SBL02

Tot Ion:168 Resp: 188341

Ion Ratio Lower Upper

168 100

99 67.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

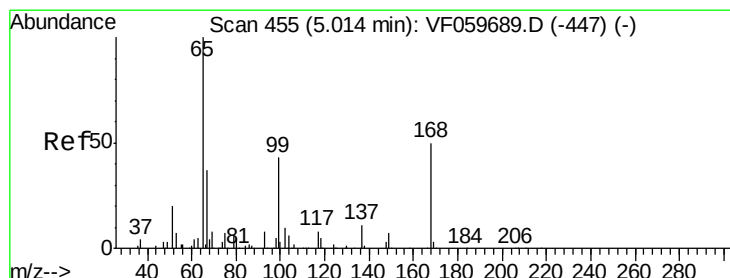
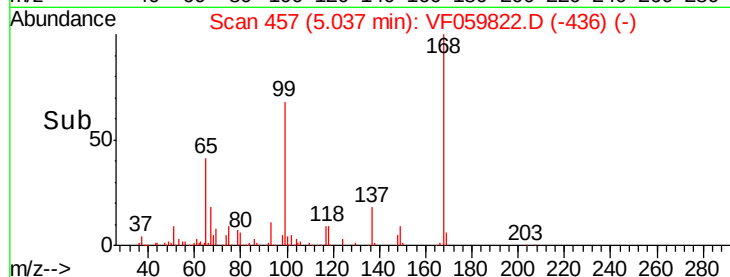
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 50.36 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059822.D

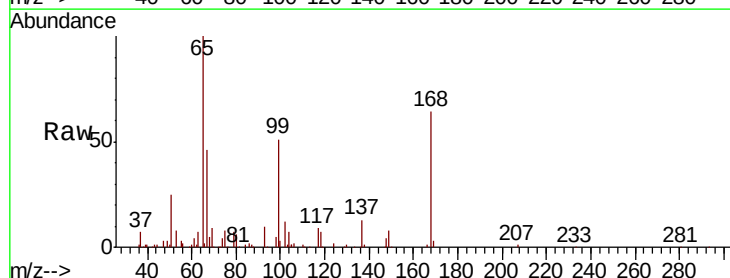
Acq: 3 Aug 2018 3:03

Tgt Ion: 65 Resp: 170470

Ion Ratio Lower Upper

65 100

67 45.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

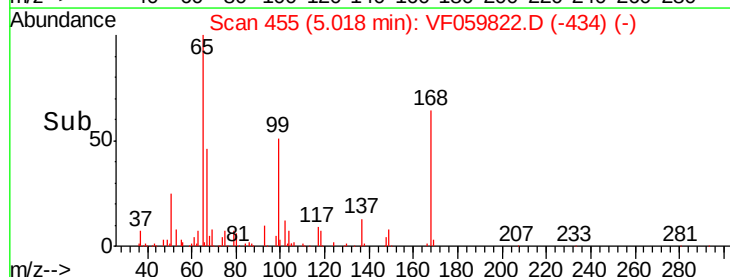
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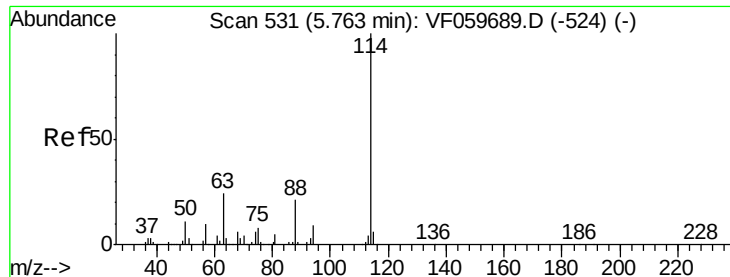
20000

0

Time-->

4.90 5.00 5.10 5.20

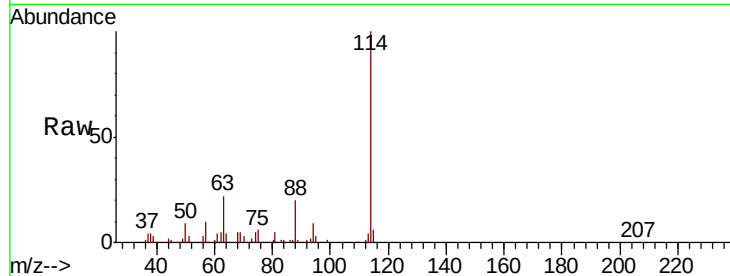




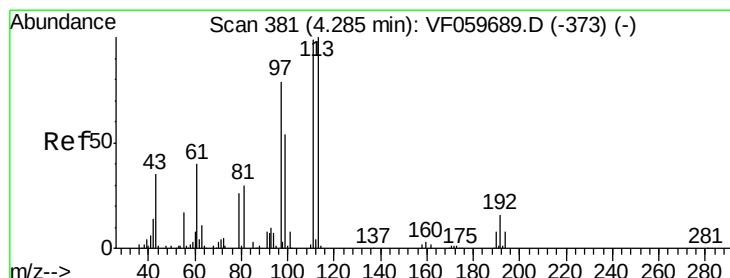
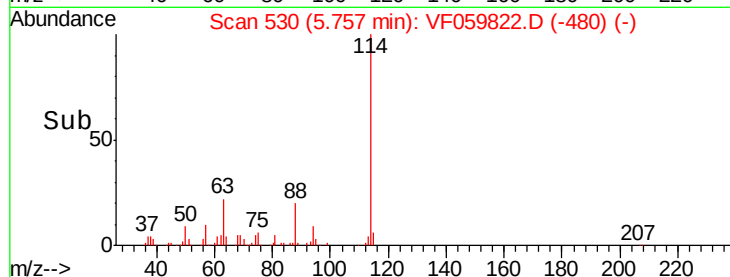
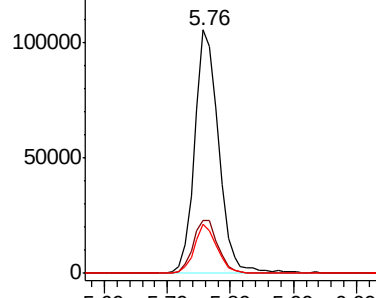
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059822.D
 Acq: 3 Aug 2018 3:03

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0802SBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.4
88	19.9	0.0	41.2

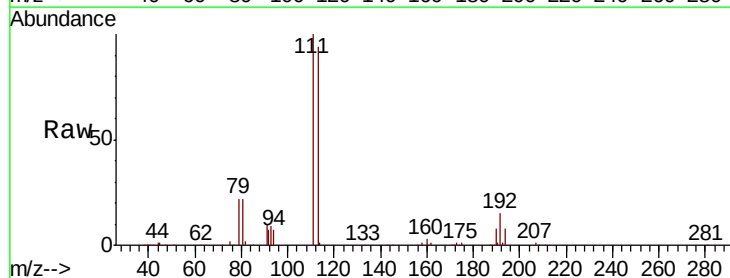


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

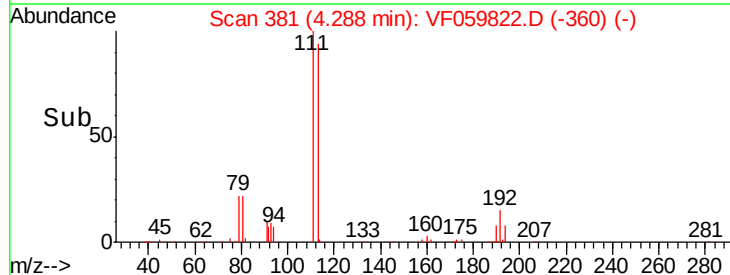
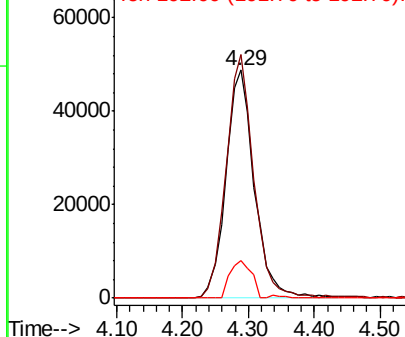


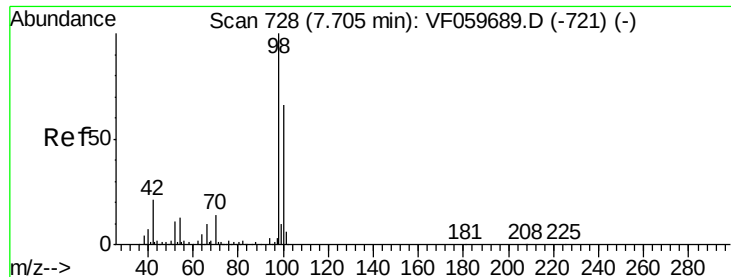
#35
 Dibromofluoromethane
 Concen: 50.97 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059822.D
 Acq: 3 Aug 2018 3:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.0	79.0	118.4
192	16.1	13.2	19.8



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

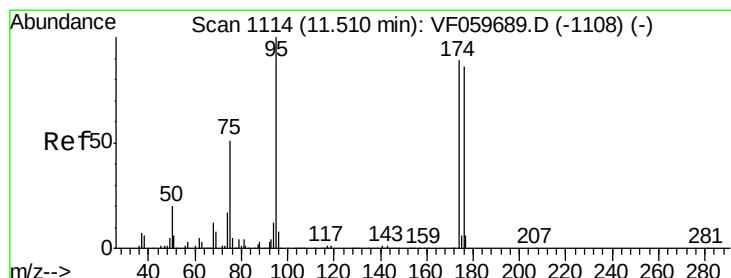
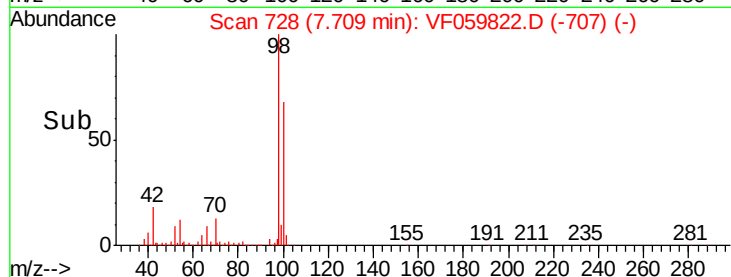
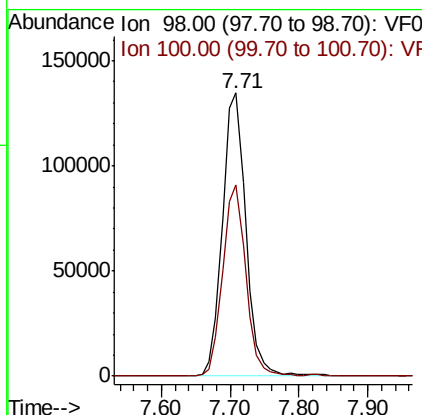
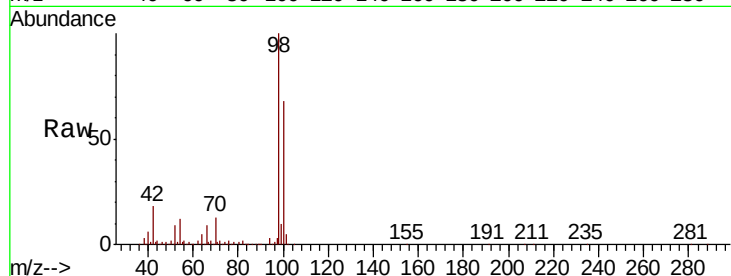




#50
Toluene-d8
Concen: 47.16 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059822.D
Acq: 3 Aug 2018 3:03

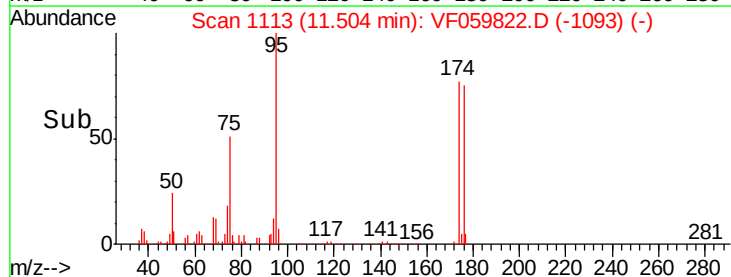
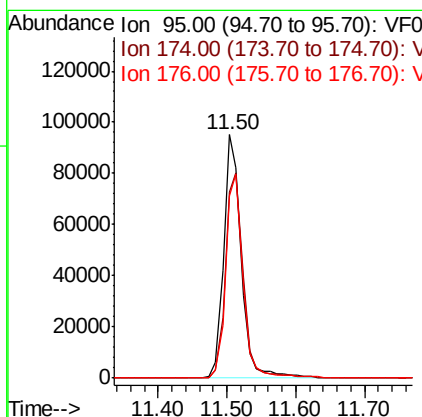
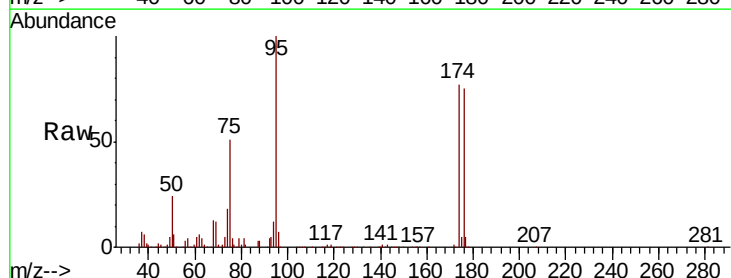
Instrument :
MSVOA_F
ClientSampleId :
VF0802SBL02

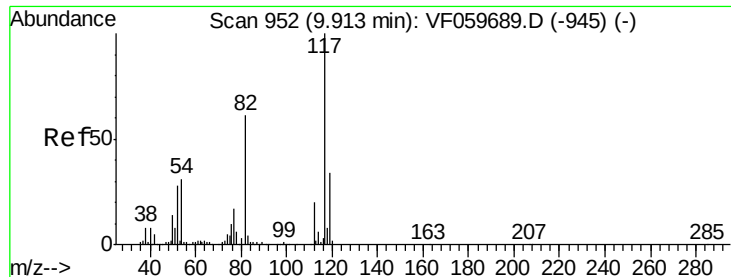
Tot Ion: 98 Resp: 318992
Ion Ratio Lower Upper
98 100
100 67.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.84 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059822.D
Acq: 3 Aug 2018 3:03

Tgt Ion: 95 Resp: 167924
Ion Ratio Lower Upper
95 100
174 76.6 0.0 178.4
176 74.9 0.0 173.0

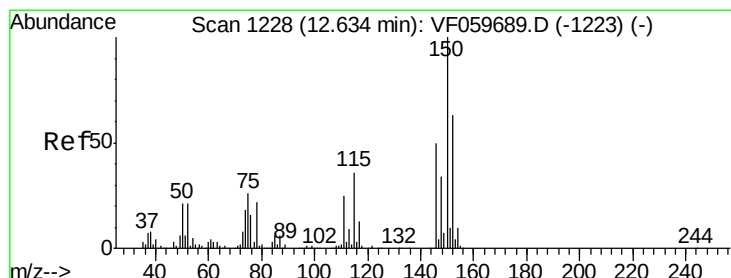
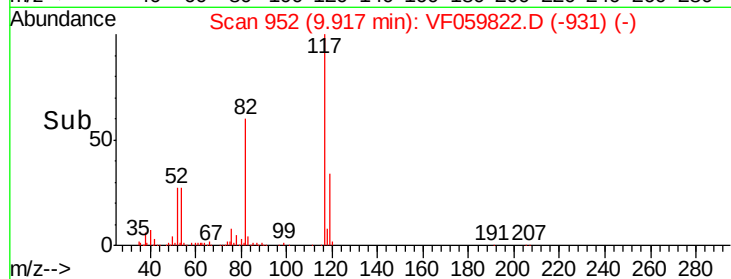
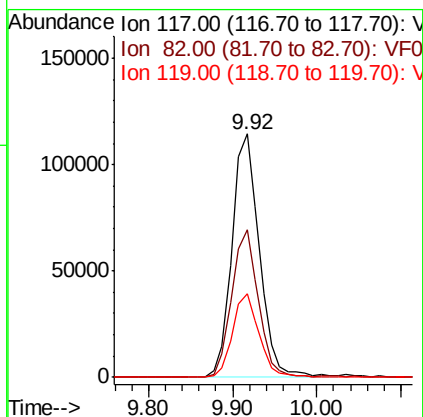
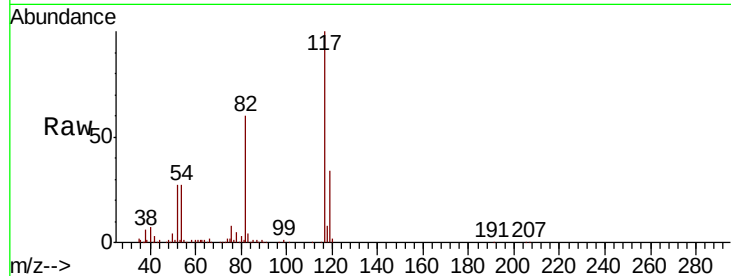




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059822.D
Acq: 3 Aug 2018 3:03

Instrument :
MSVOA_F
ClientSampleId :
VF0802SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.0	73.4
119	34.2	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059822.D
Acq: 3 Aug 2018 3:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	28.2	84.6
150	159.1	0.0	316.2

