

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059199.D
 Acq On : 19 Jun 2018 20:06
 Operator : VA/AP
 Sample : J3554-02RE
 Misc : 5.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(6.0)RE

Quant Time: Jun 20 04:48:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	33042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	38593	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	28923	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	10161	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	8631	21.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	43.08%	
35) Dibromofluoromethane	4.27	113	11197	41.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.70%	
50) Toluene-d8	7.70	98	37552	47.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.50	95	11265	27.61	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	55.22%	

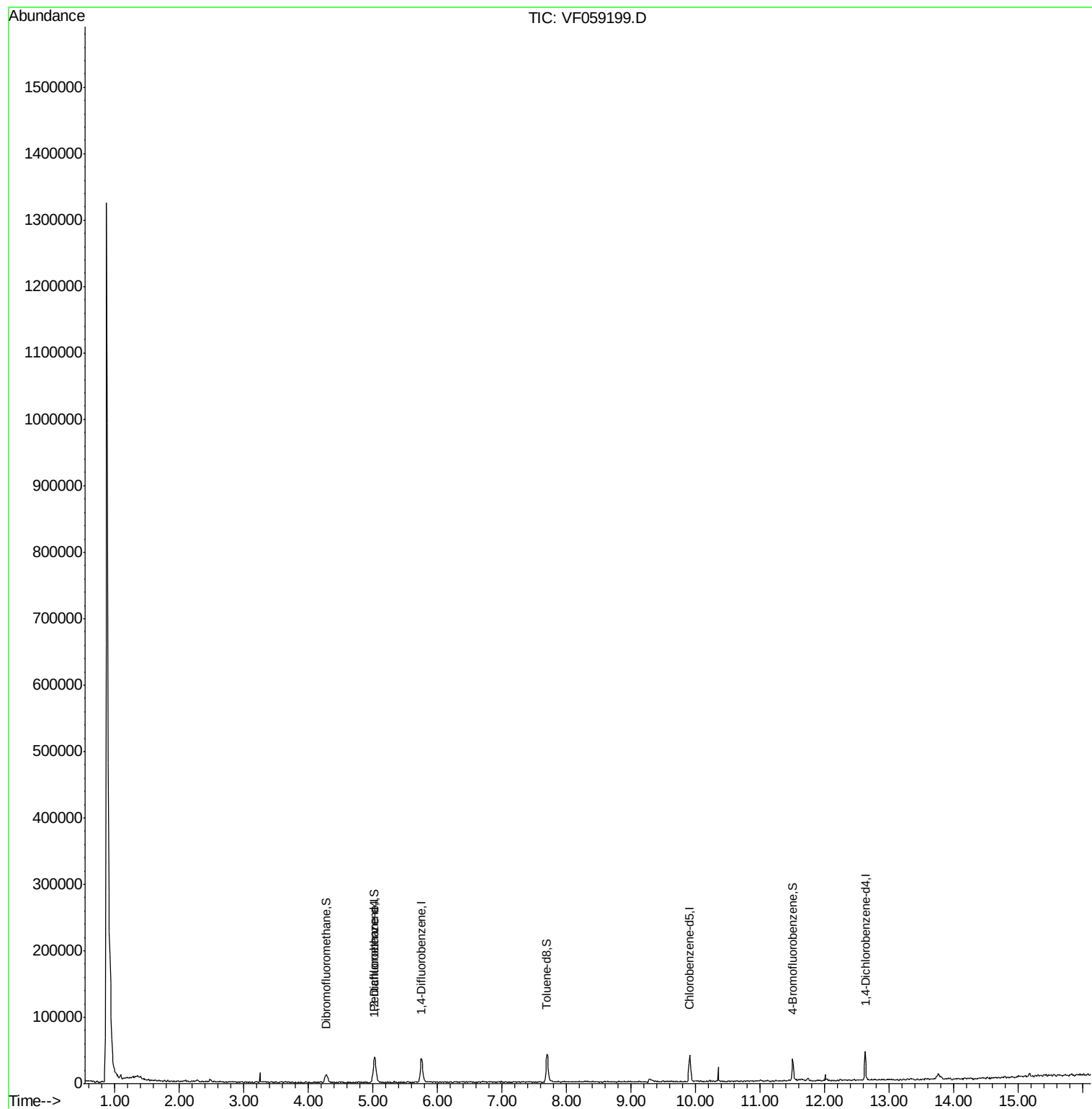
Target Compounds	Qvalue

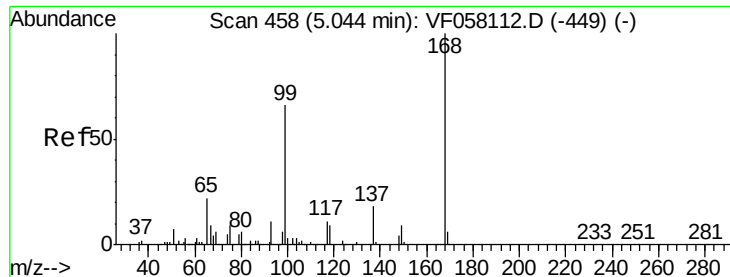
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059199.D

Acq: 19 Jun 2018 20:06

Instrument :

MSVOA_F

ClientSampleId :

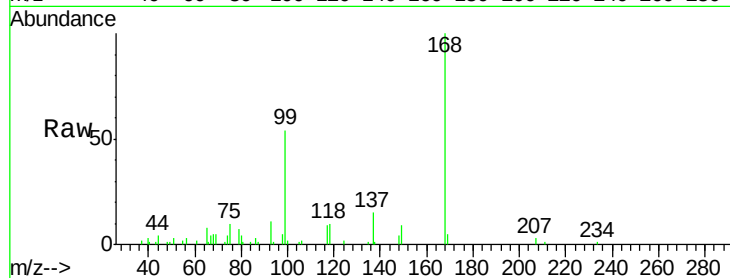
A-1(6.0)RE

Tot Ion:168 Resp: 33042

Ion Ratio Lower Upper

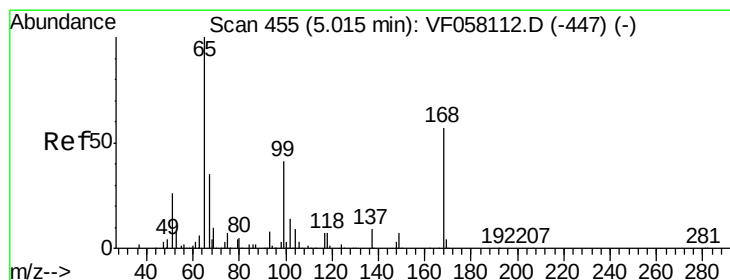
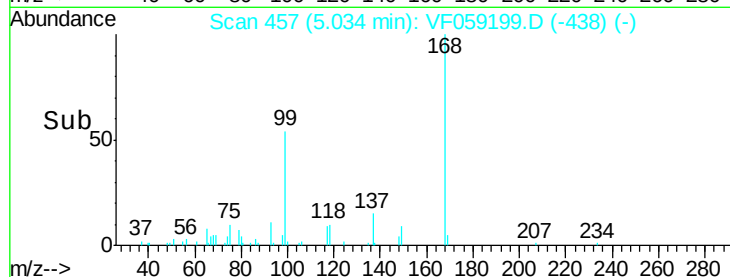
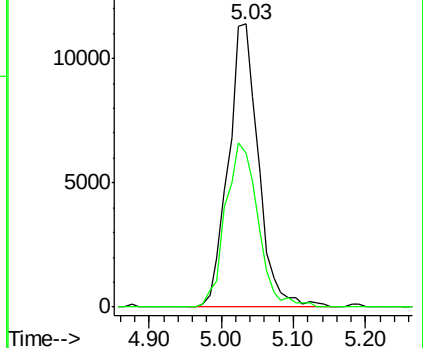
168 100

99 54.4 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 21.54 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059199.D

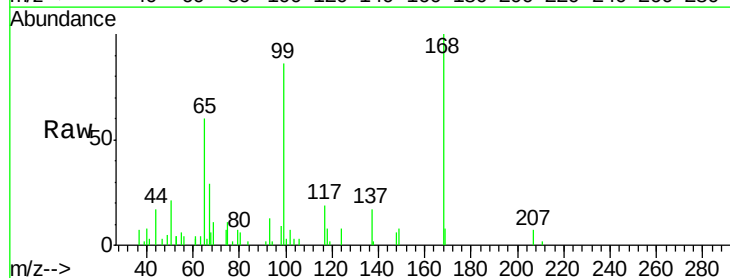
Acq: 19 Jun 2018 20:06

Tgt Ion: 65 Resp: 8631

Ion Ratio Lower Upper

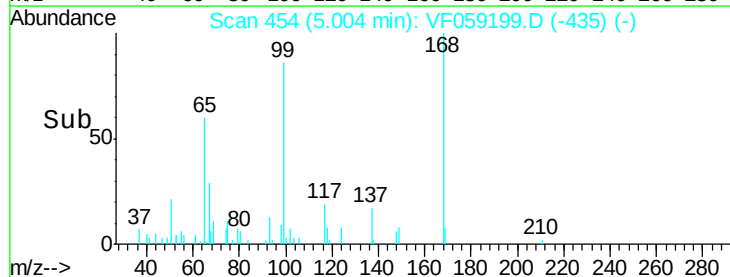
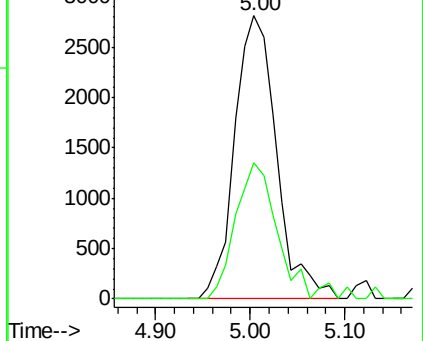
65 100

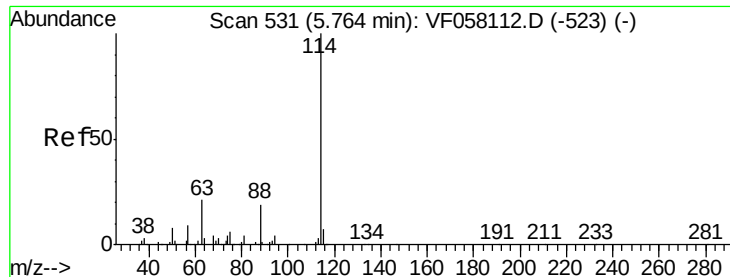
67 48.2 0.0 97.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

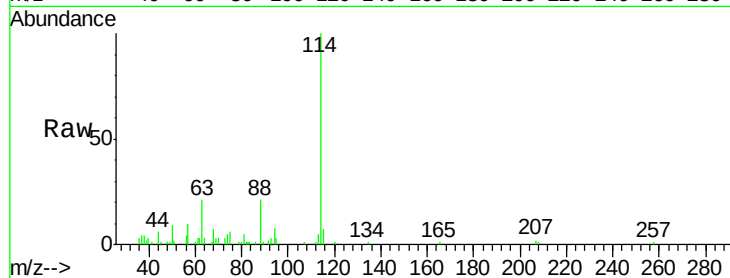




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.74 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: VF059199.D
 Acq: 19 Jun 2018 20:06

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(6.0)RE

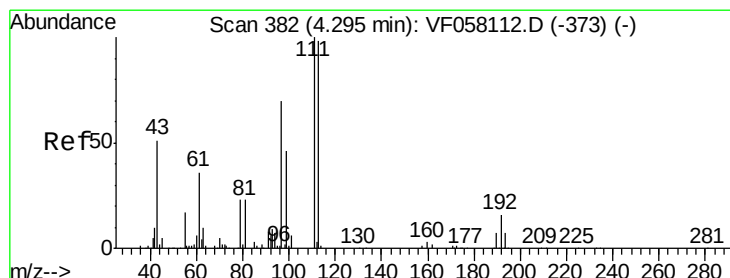
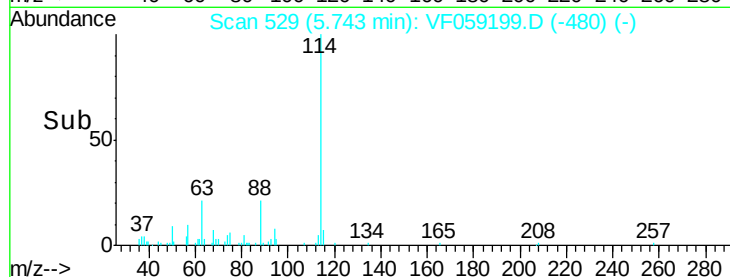
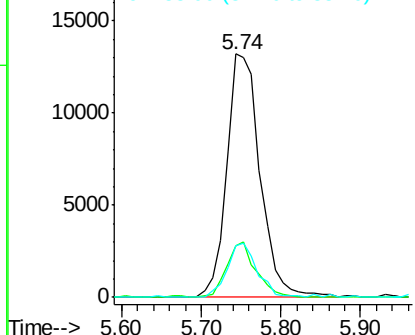
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.6
88	21.4	0.0	38.8



Abundance Ion 114.00 (113.70 to 114.70): V

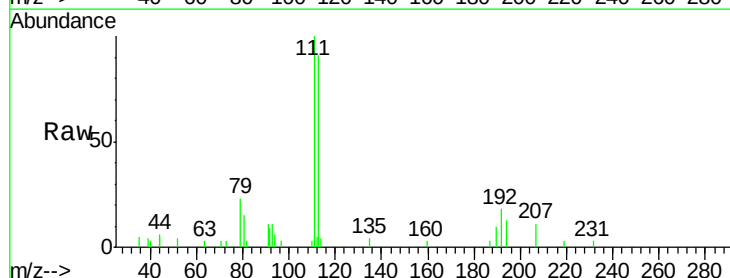
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 41.35 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059199.D
 Acq: 19 Jun 2018 20:06

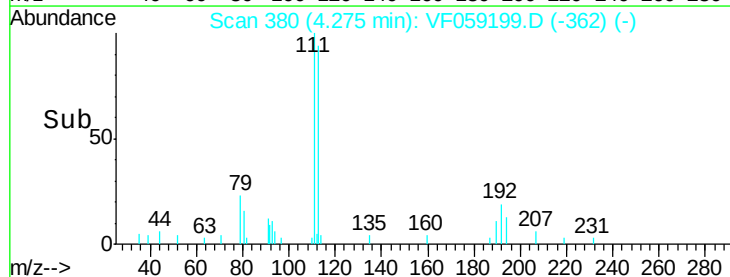
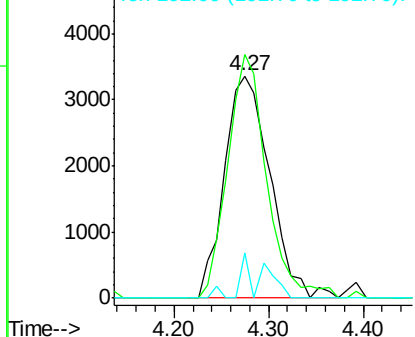
Tgt Ion	Ratio	Lower	Upper
113	100		
111	109.7	81.3	121.9
192	20.2	12.7	19.1#

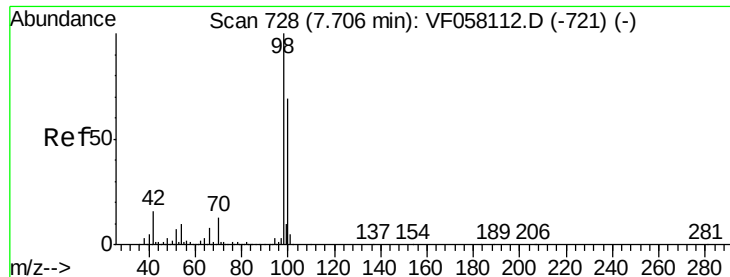


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

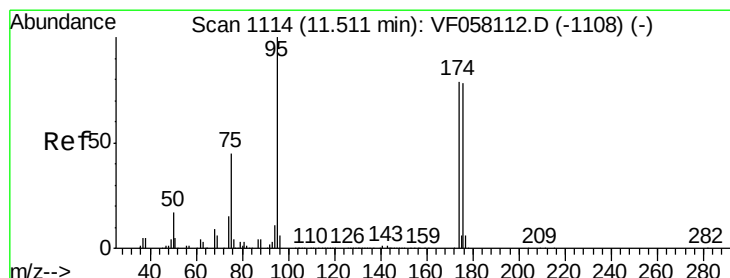
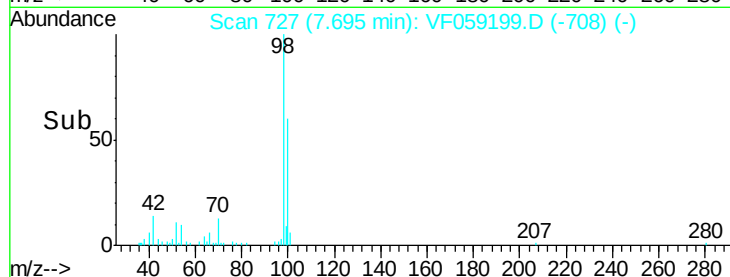
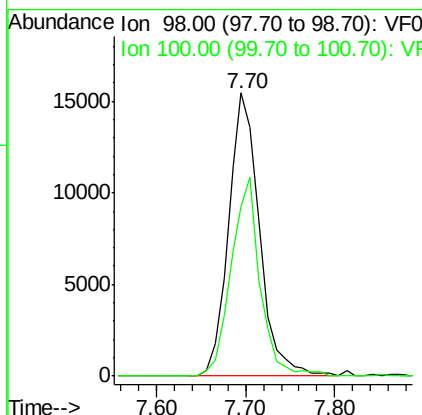
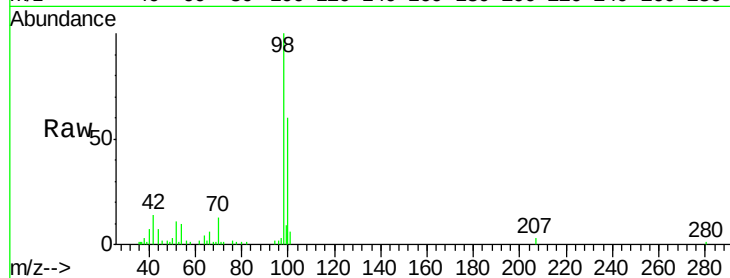




#50
Toluene-d8
Concen: 47.20 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059199.D
Acq: 19 Jun 2018 20:06

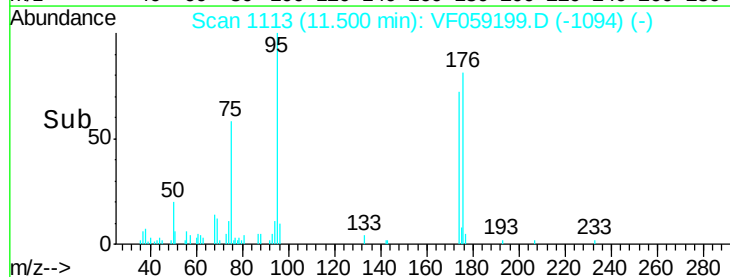
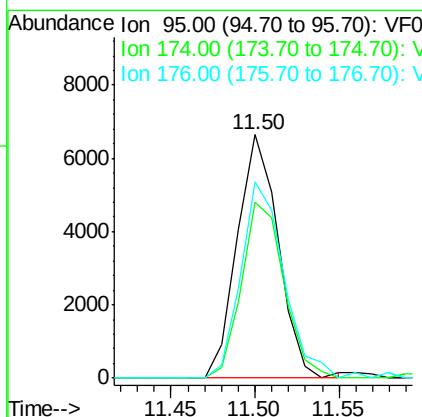
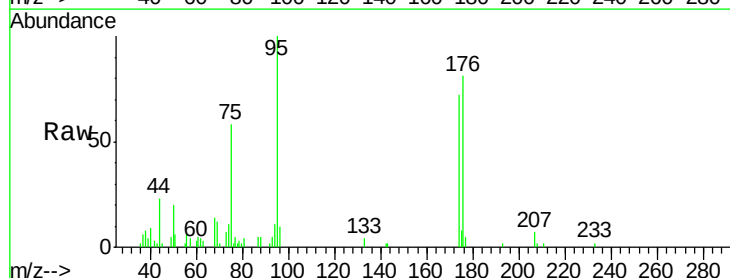
Instrument :
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ClientSampleId :
A-1(6.0)RE

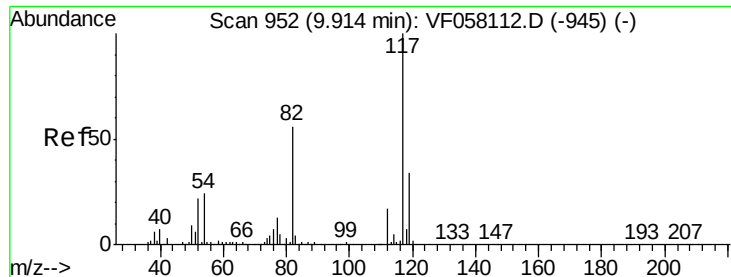
Tot Ion: 98 Resp: 37552
Ion Ratio Lower Upper
98 100
100 59.7 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 27.61 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059199.D
Acq: 19 Jun 2018 20:06

Tgt Ion: 95 Resp: 11265
Ion Ratio Lower Upper
95 100
174 72.4 0.0 157.8
176 80.8 0.0 155.8

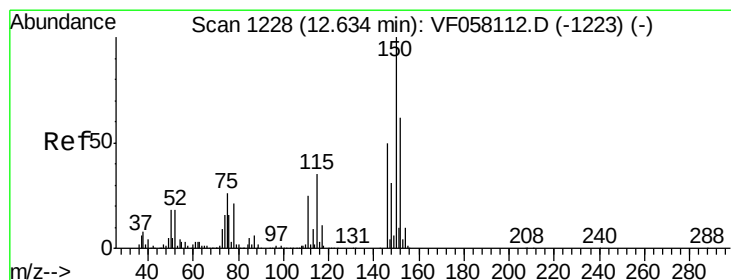
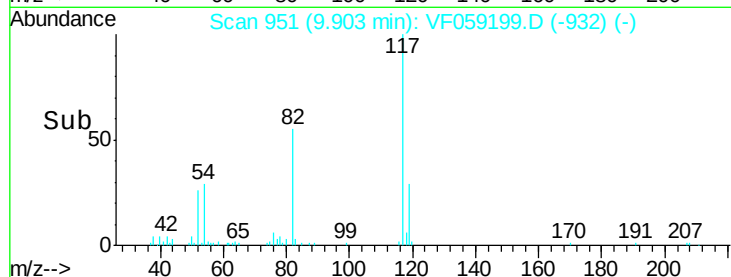
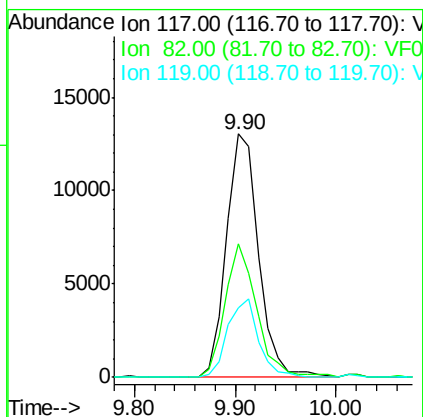
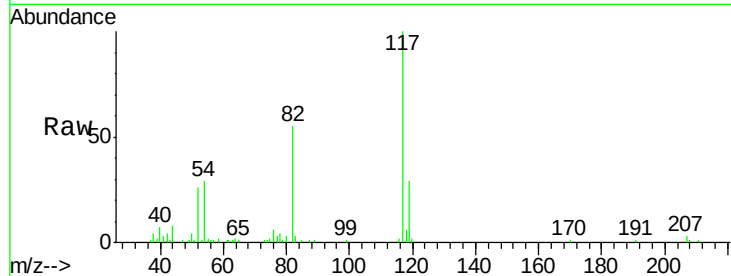




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059199.D
Acq: 19 Jun 2018 20:06

Instrument :
MSVOA_F
ClientSampleId :
A-1(6.0)RE

Tot Ion:117 Resp: 28923
Ion Ratio Lower Upper
117 100
82 54.7 45.2 67.8
119 28.7 27.5 41.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059199.D
Acq: 19 Jun 2018 20:06

Tgt Ion:152 Resp: 10161
Ion Ratio Lower Upper
152 100
115 60.0 28.5 85.5
150 155.5 0.0 323.8

