

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059394.D
 Acq On : 2 Jul 2018 18:32
 Operator : VA/AP
 Sample : J3802-08
 Misc : 6.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-8(5.0)

Quant Time: Jul 03 02:10:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

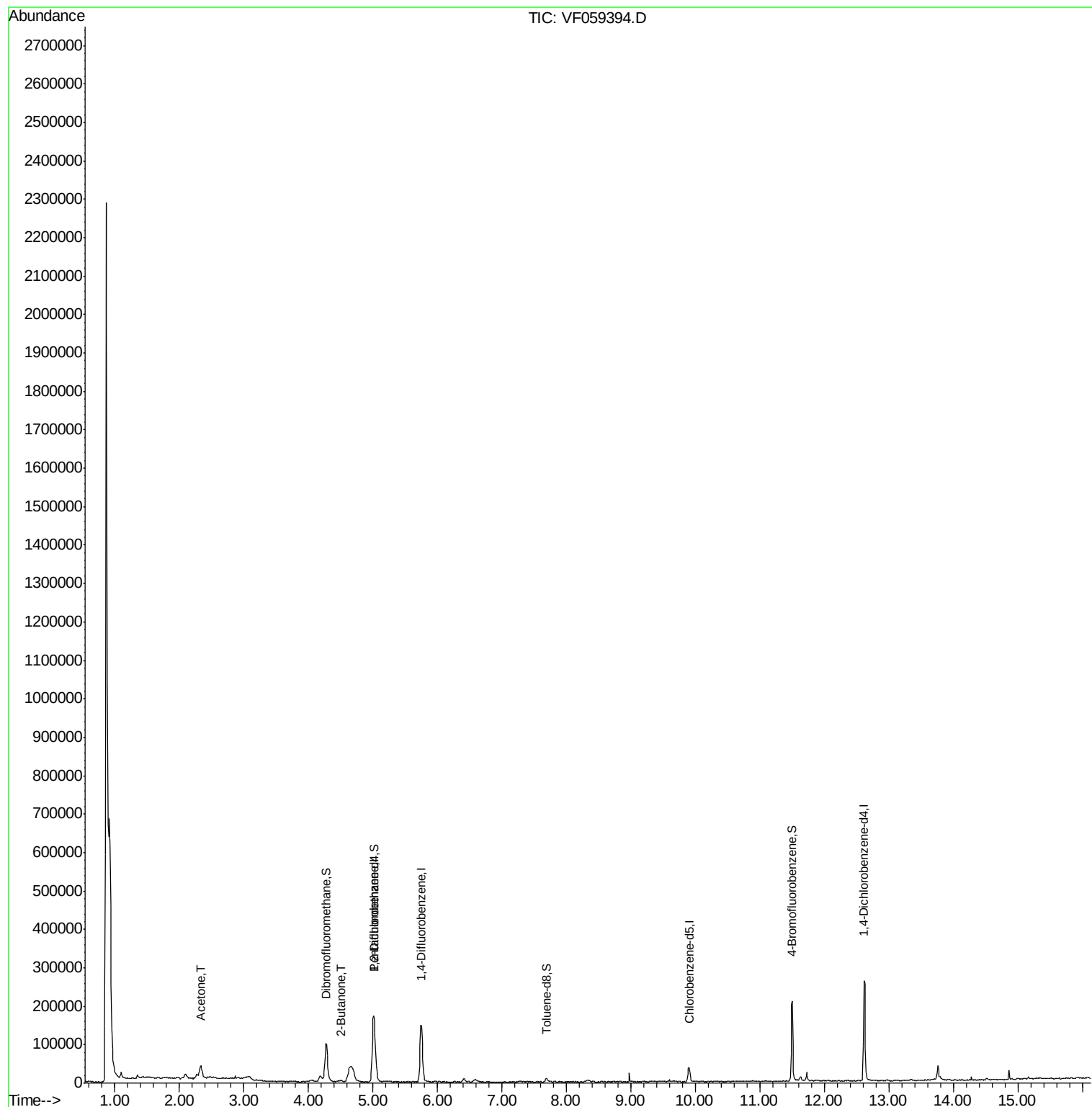
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	98910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	154413	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	26125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	69914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	110153	86.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	172.40%	
35) Dibromofluoromethane	4.27	113	88385	78.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.68%	
50) Toluene-d8	7.70	98	6837	2.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	4.90%	
62) 4-Bromofluorobenzene	11.49	95	73481	46.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.33	43	59653	184.23	ug/l	97
25) 2-Butanone	4.51	43	4576	9.19	ug/l	95

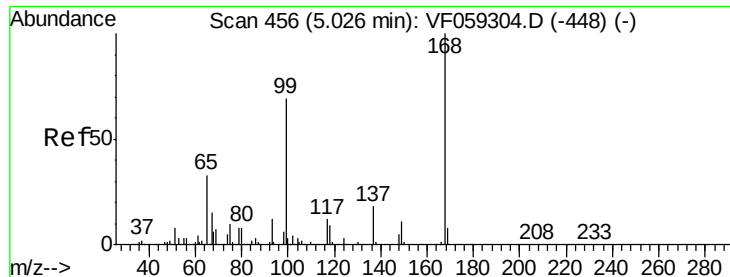
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059394.D

Acq: 2 Jul 2018 18:32

Instrument :

MSVOA_F

ClientSampleId :

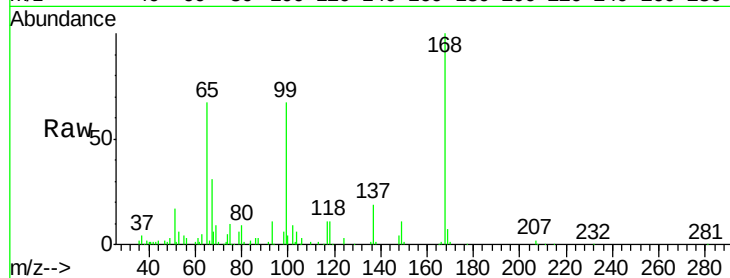
CF-8(5.0)

Tot Ion:168 Resp: 98910

Ion Ratio Lower Upper

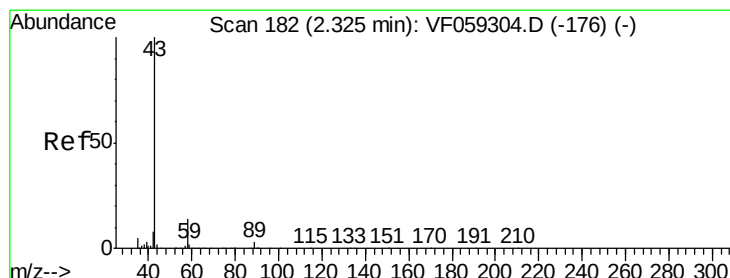
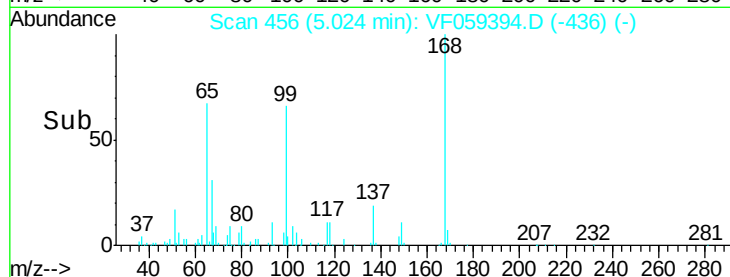
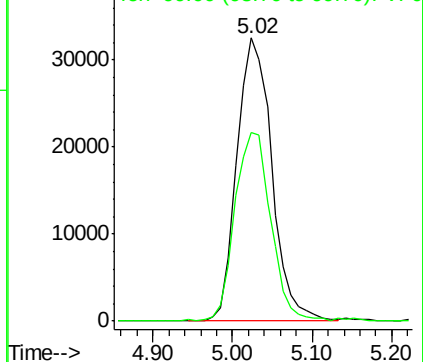
168 100

99 66.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 184.23 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059394.D

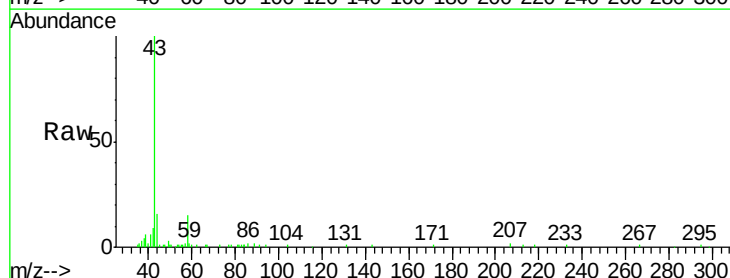
Acq: 2 Jul 2018 18:32

Tgt Ion: 43 Resp: 59653

Ion Ratio Lower Upper

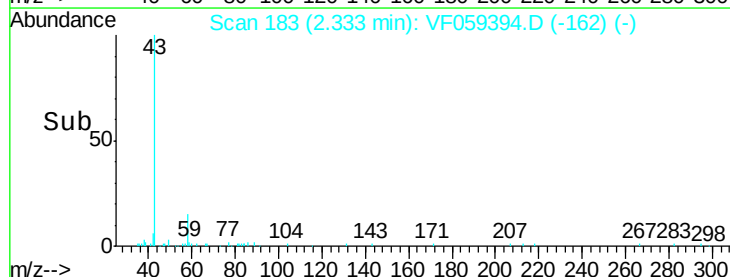
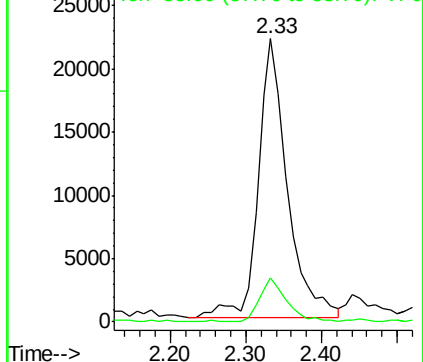
43 100

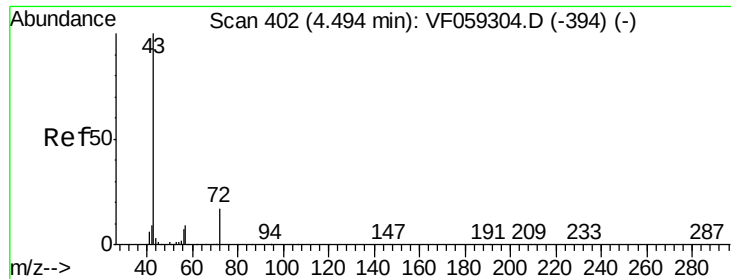
58 15.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

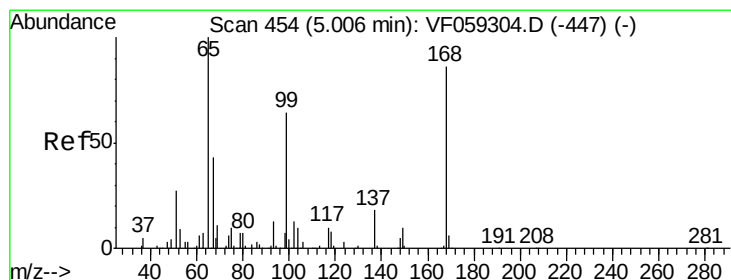
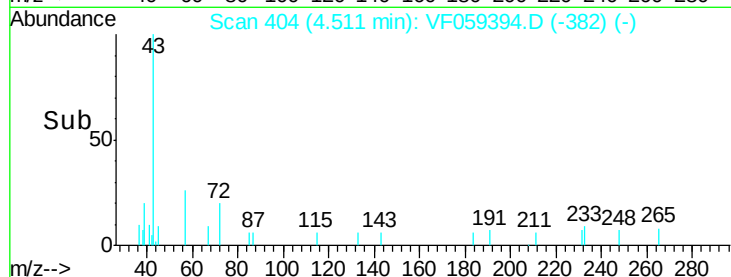
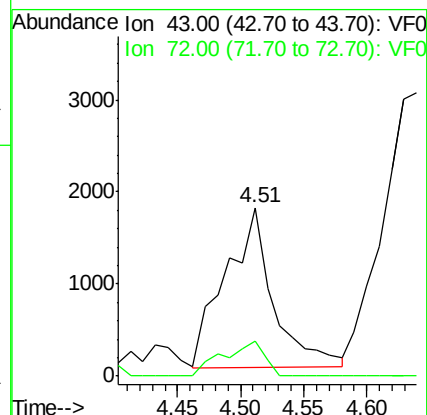
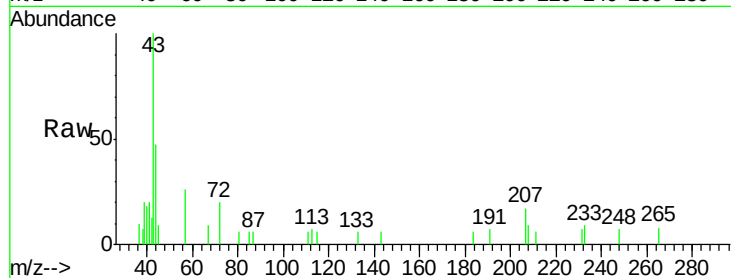




#25
2-Butanone
Concen: 9.19 ug/l
RT: 4.51 min Scan# 404
Delta R.T. 0.02 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

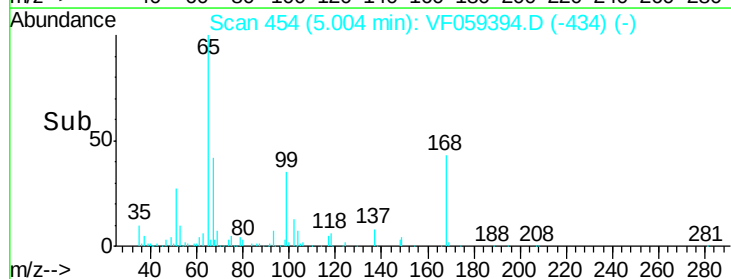
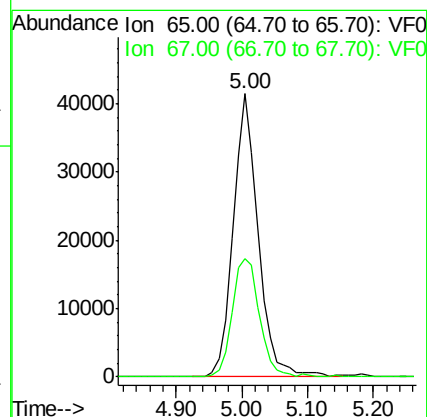
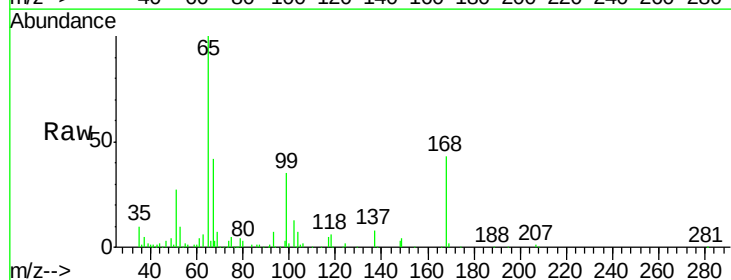
Instrument :
MSVOA_F
ClientSampleId :
CF-8(5.0)

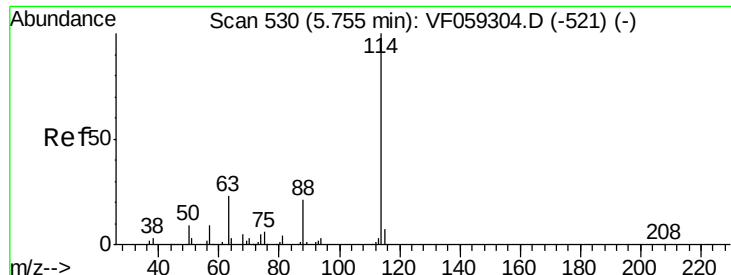
Tot Ion: 43 Resp: 4576
Ion Ratio Lower Upper
43 100
72 20.4 14.4 21.6



#33
1,2-Dichloroethane-d4
Concen: 86.20 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Tgt Ion: 65 Resp: 110153
Ion Ratio Lower Upper
65 100
67 41.8 0.0 96.8

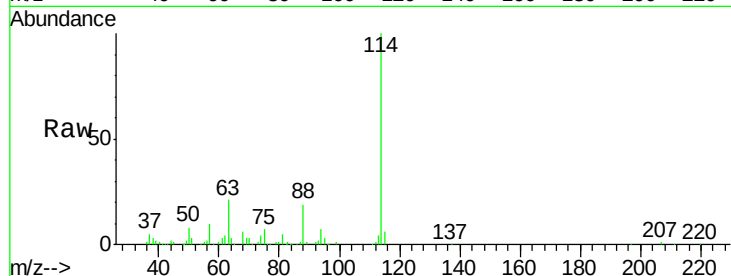




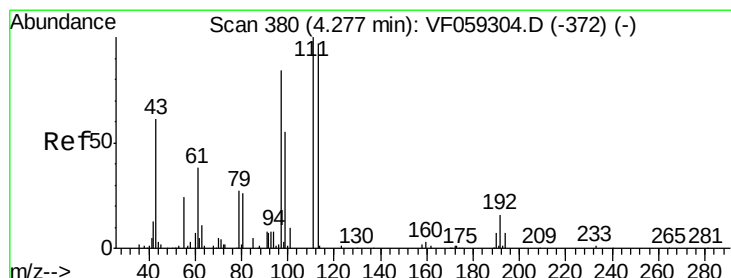
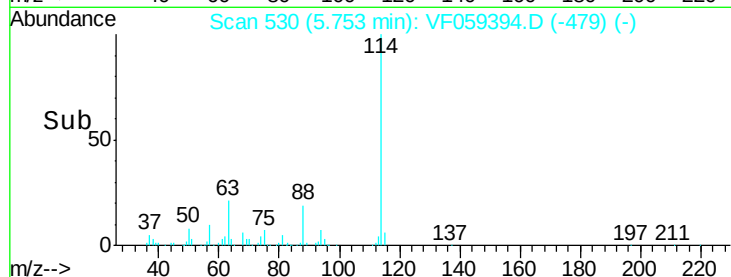
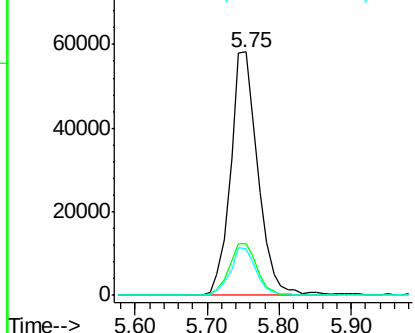
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Instrument :
MSVOA_F
ClientSampleId :
CF-8(5.0)

Tot Ion:114 Resp: 154413
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.8
88 19.0 0.0 41.2

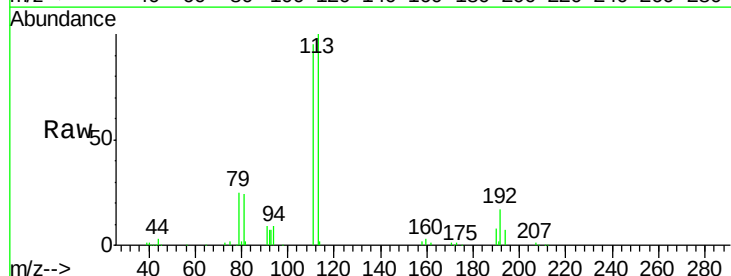


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

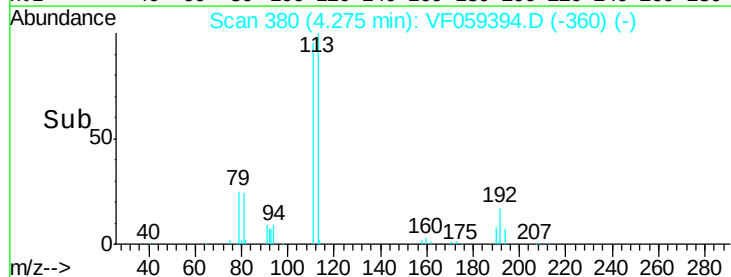
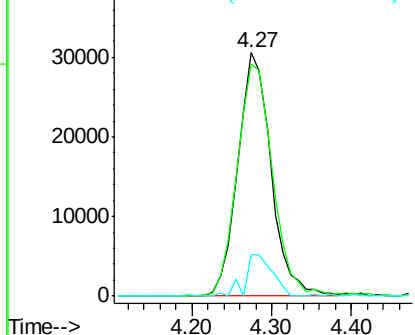


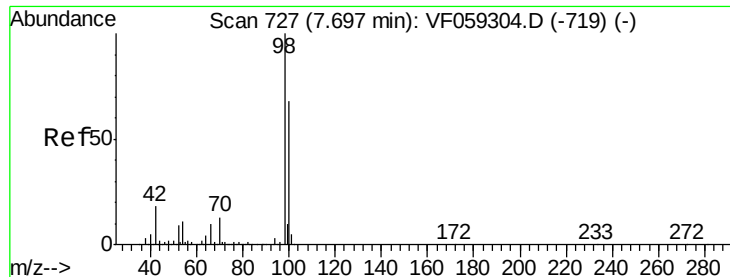
#35
Dibromofluoromethane
Concen: 78.34 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Tgt Ion:113 Resp: 88385
Ion Ratio Lower Upper
113 100
111 95.1 82.1 123.1
192 16.9 13.0 19.6



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

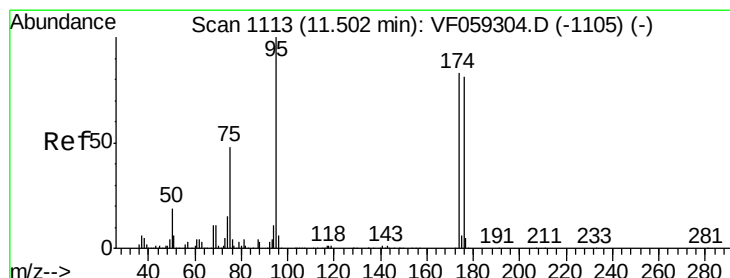
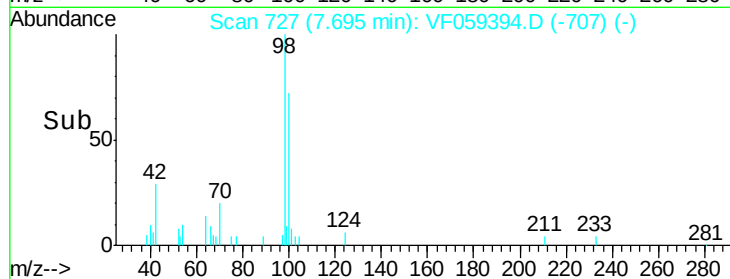
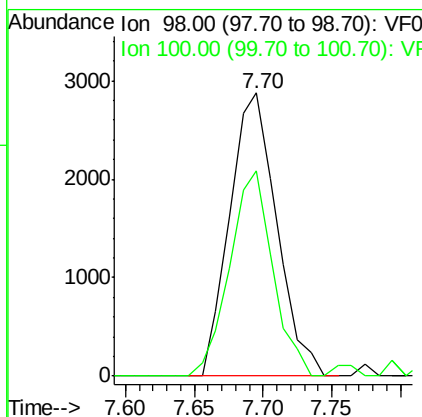
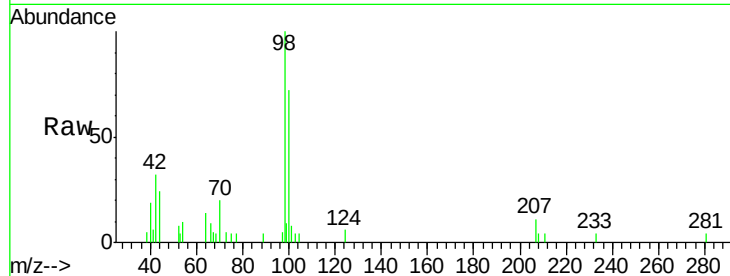




#50
Toluene-d8
Concen: 2.45 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

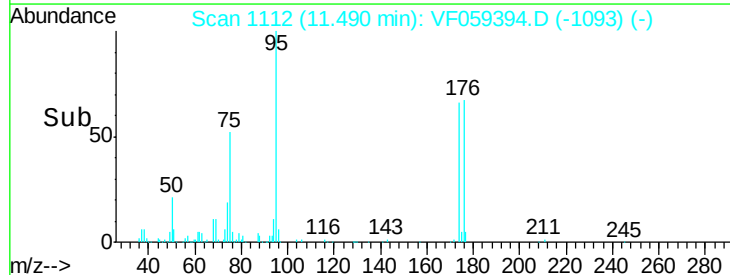
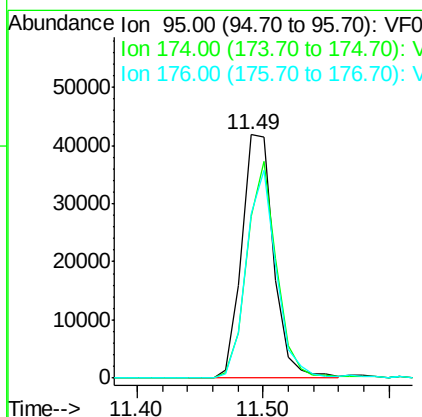
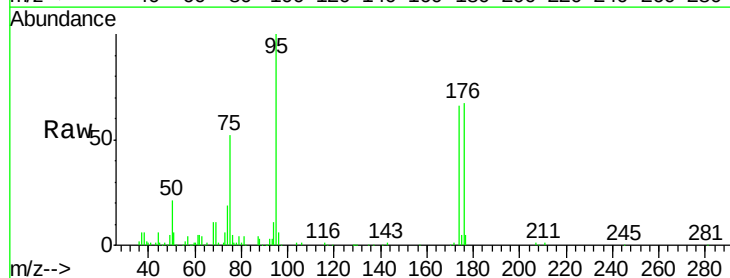
Instrument :
MSVOA_F
ClientSampleId :
CF-8(5.0)

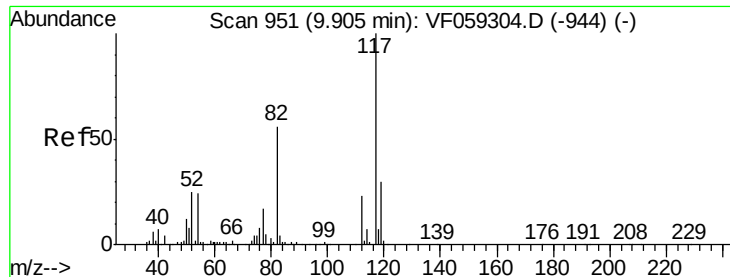
Tot Ion: 98 Resp: 6837
Ion Ratio Lower Upper
98 100
100 72.4 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 46.63 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Tgt Ion: 95 Resp: 73481
Ion Ratio Lower Upper
95 100
174 66.2 0.0 165.2
176 67.4 0.0 161.0

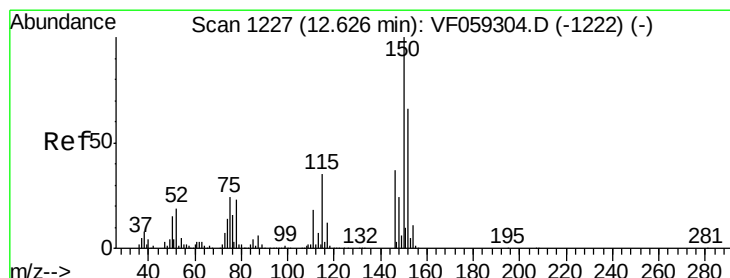
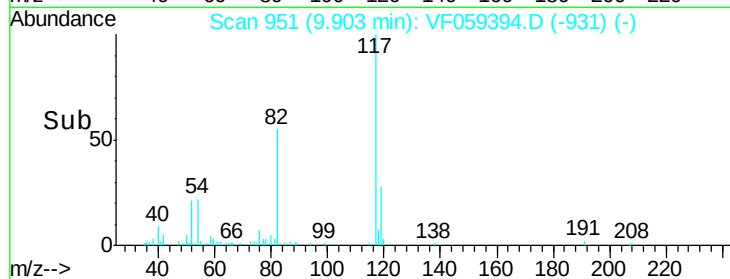
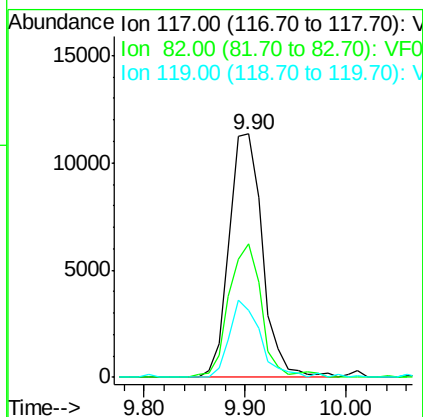
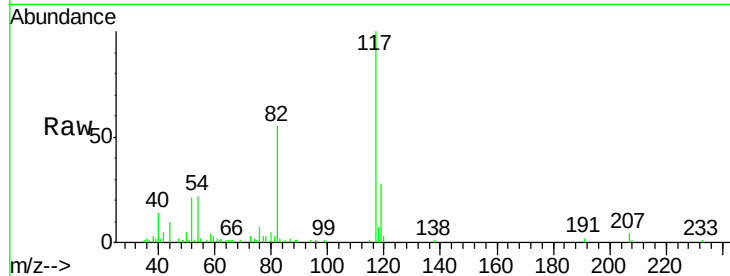




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Instrument :
MSVOA_F
ClientSampled :
CF-8(5.0)

Tot Ion:117 Resp: 26125
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 27.7 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059394.D
Acq: 2 Jul 2018 18:32

Tgt Ion:152 Resp: 69914
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 154.3 0.0 305.2

