

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060116.D
 Acq On : 24 Aug 2018 22:45
 Operator : VA/AP
 Sample : J4636-03
 Misc : 4.29g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BYR-2-E(9-10)

Quant Time: Aug 25 05:43:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

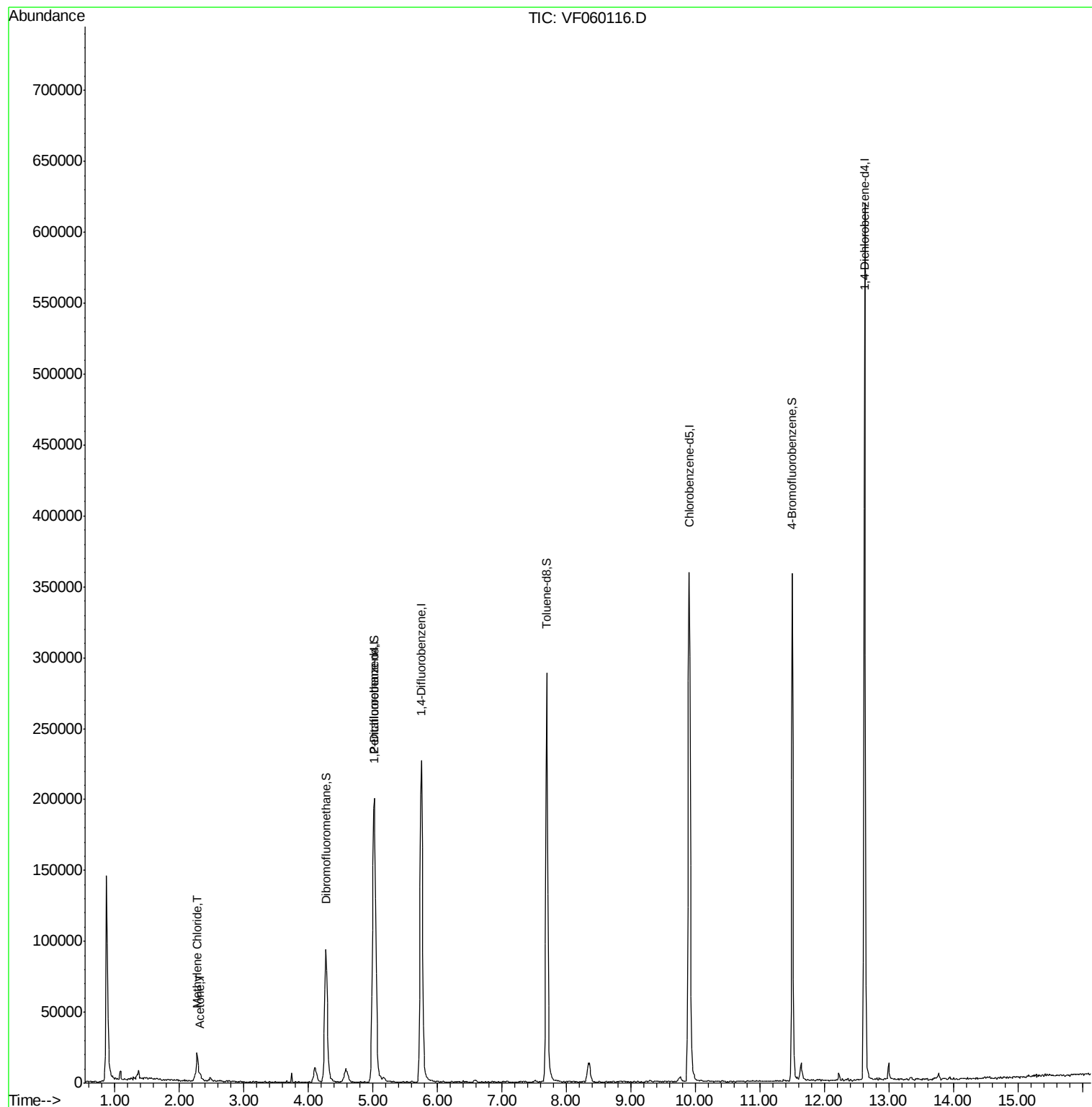
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	158115	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	233758	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	254083	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	142952	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	87205	40.30	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	80.60%	
35) Dibromofluoromethane	4.27	113	88759	48.35	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	7.70	98	231004	44.31	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.62%	
62) 4-Bromofluorobenzene	11.50	95	116214	42.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.28%	
Target Compounds						
16) Acetone	2.32	43	3363	5.91	ug/l	# 92
20) Methylene Chloride	2.27	84	9763	4.00	ug/l	97

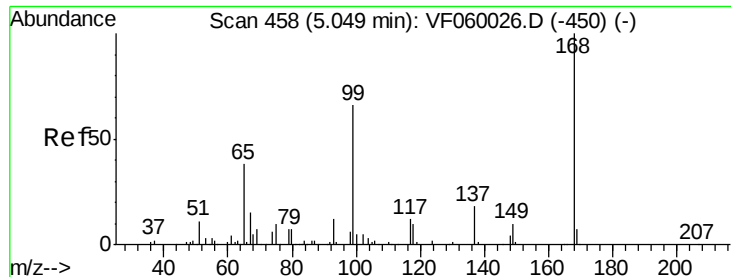
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF060116.D

Acq: 24 Aug 2018 22:45

Instrument :

MSVOA_F

ClientSampleId :

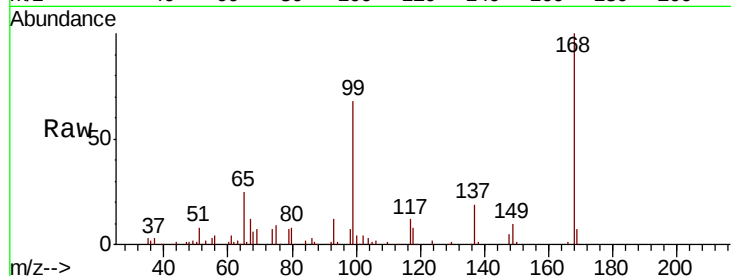
BYR-2-E(9-10)

Tot Ion:168 Resp: 158115

Ion Ratio Lower Upper

168 100

99 67.9 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

60000

50000

40000

30000

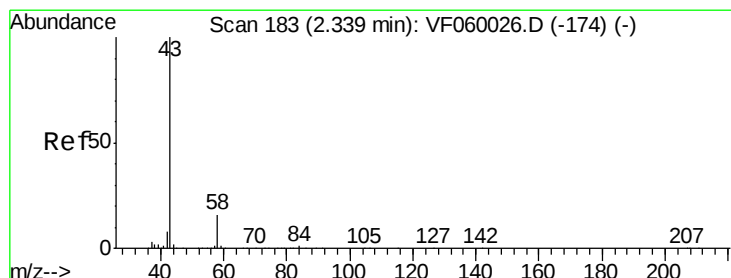
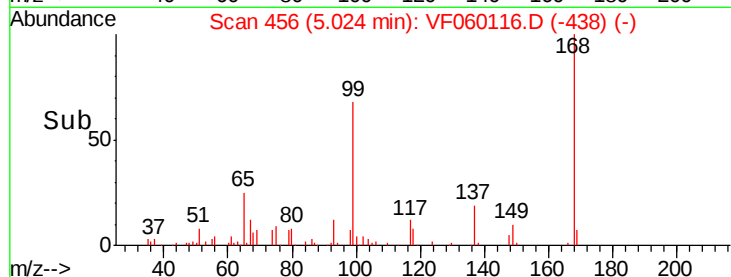
20000

10000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#16

Acetone

Concen: 5.91 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF060116.D

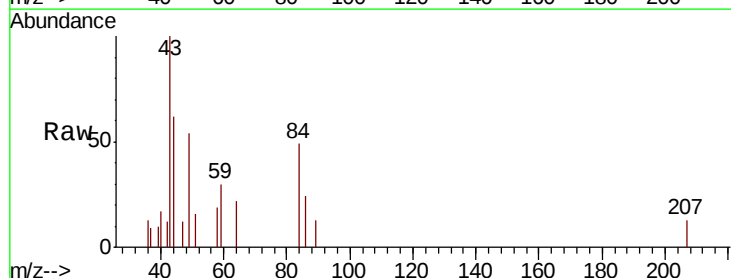
Acq: 24 Aug 2018 22:45

Tgt Ion: 43 Resp: 3363

Ion Ratio Lower Upper

43 100

58 19.3 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

1500

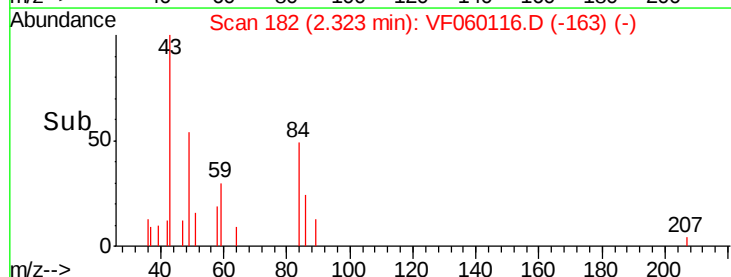
1000

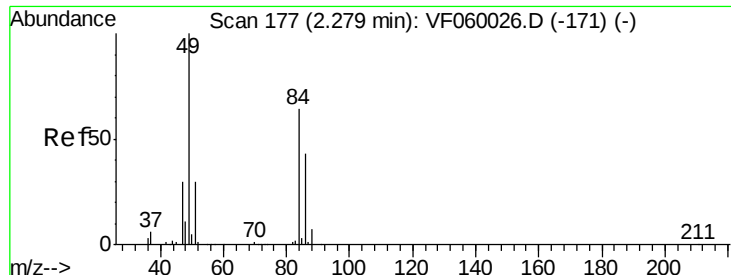
500

0

Time-->

2.25 2.30 2.35 2.40

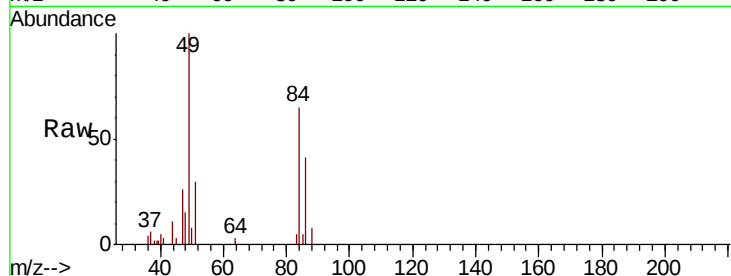




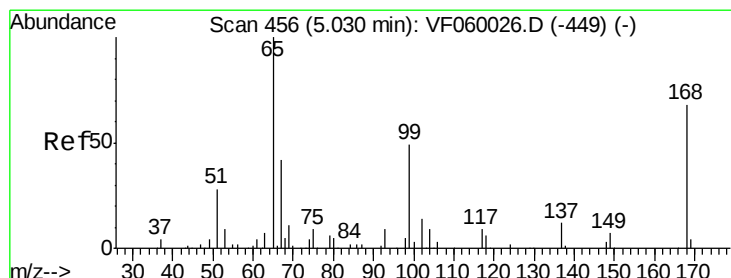
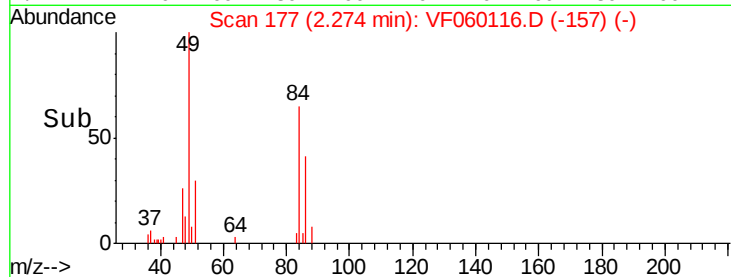
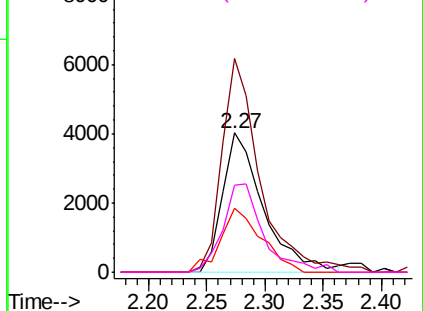
#20
Methvlene Chloride
Concen: 4.00 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tot Ion:	84	Resp:	9763
Ion	Ratio	Lower	Upper
84	100		
49	153.7	125.4	188.0
51	46.3	38.3	57.5
86	62.5	53.3	79.9

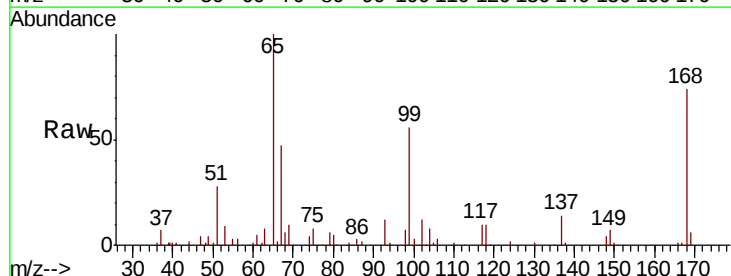


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

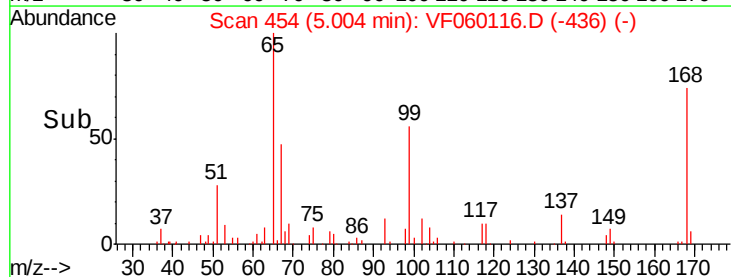
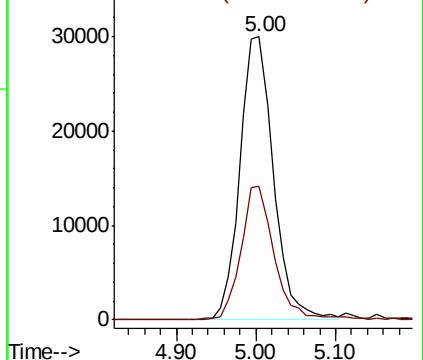


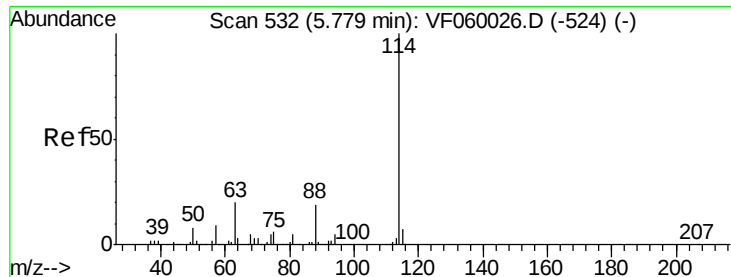
#33
1,2-Dichloroethane-d4
Concen: 40.30 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion:	65	Resp:	87205
Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	92.0



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: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF060116.D

Acq: 24 Aug 2018 22:45

Instrument :

MSVOA_F

ClientSampleId :

BYR-2-E(9-10)

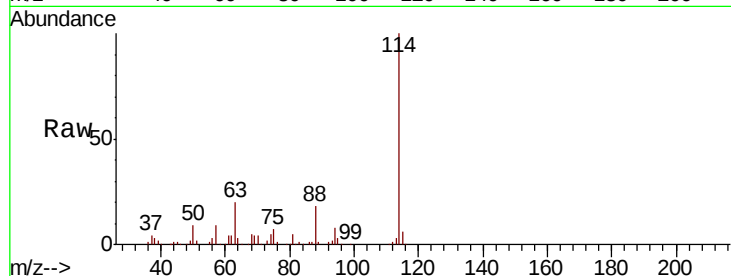
Tot Ion:114 Resp: 233758

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.4

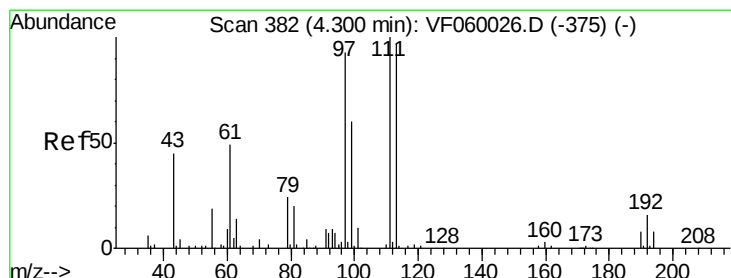
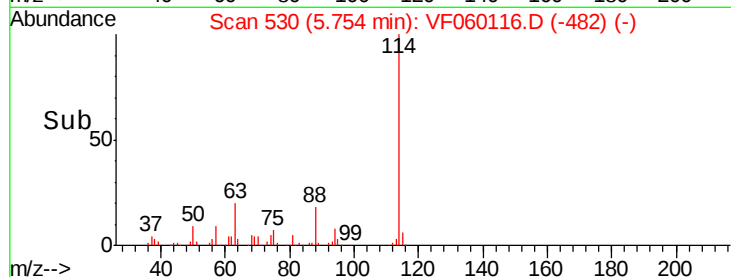
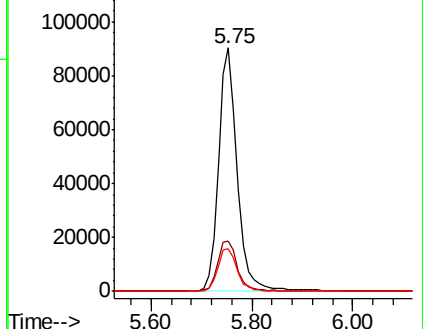
88 17.5 0.0 38.6



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: 48.35 ug/l

RT: 4.27 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF060116.D

Acq: 24 Aug 2018 22:45

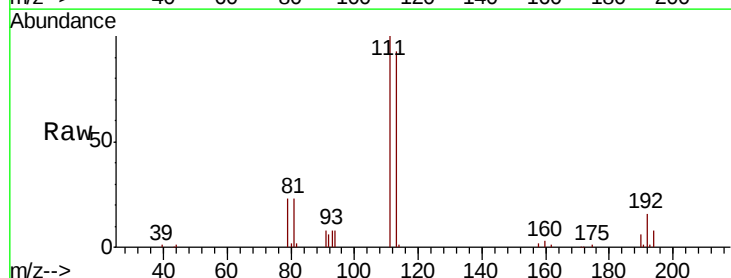
Tgt Ion:113 Resp: 88759

Ion Ratio Lower Upper

113 100

111 107.3 82.7 124.1

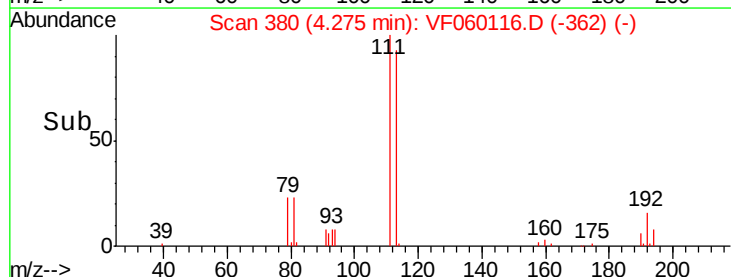
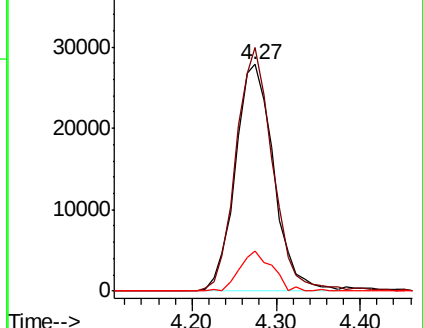
192 17.6 13.0 19.4

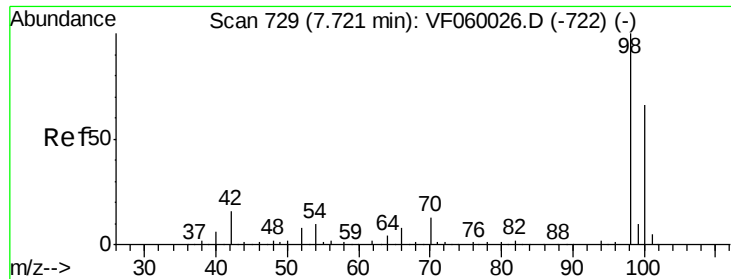


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

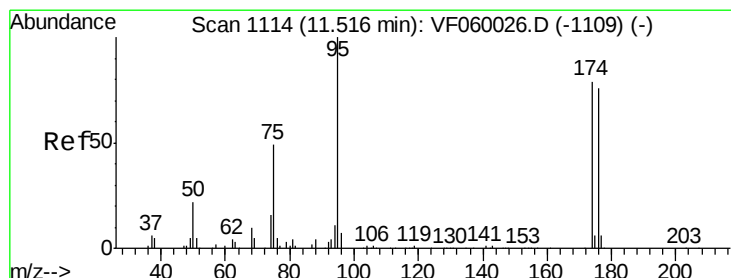
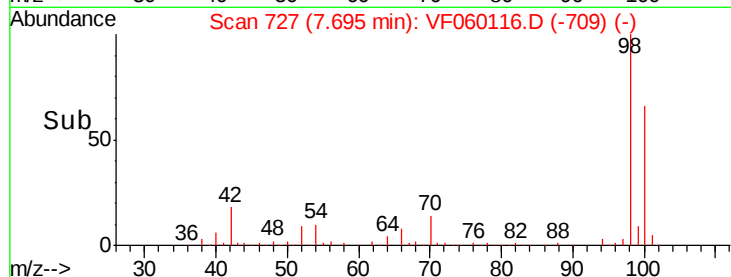
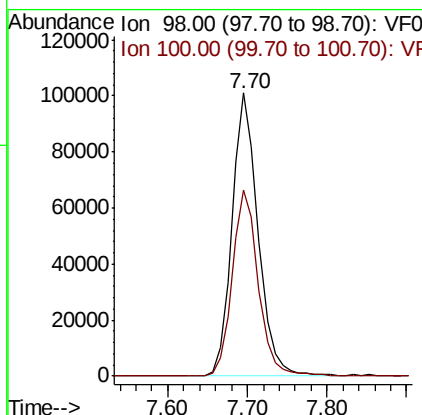
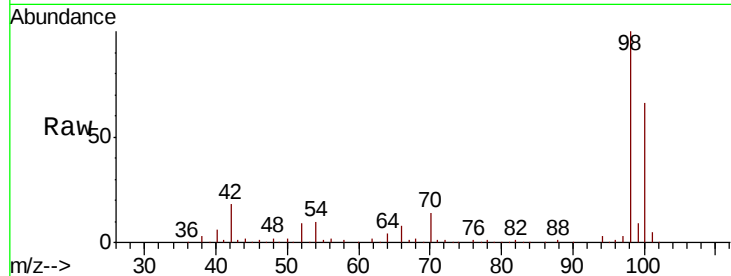




#50
Toluene-d8
Concen: 44.31 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

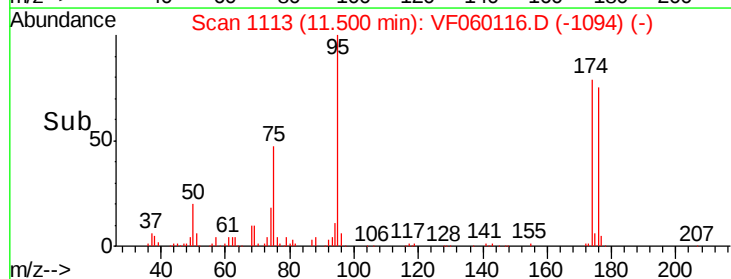
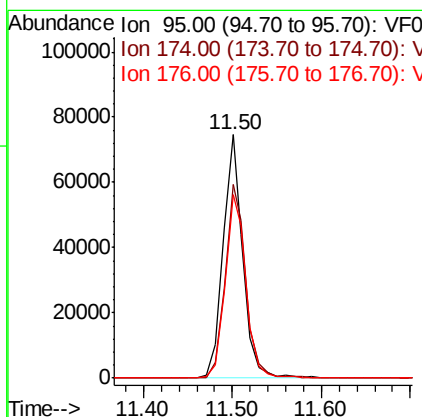
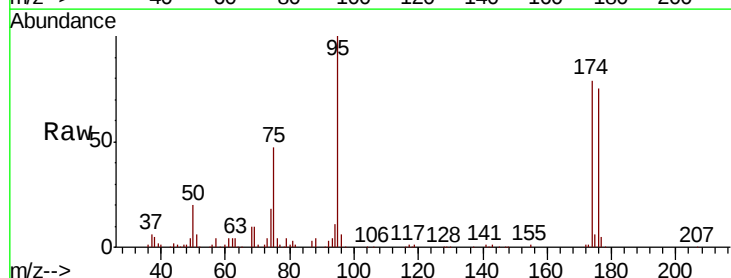
Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

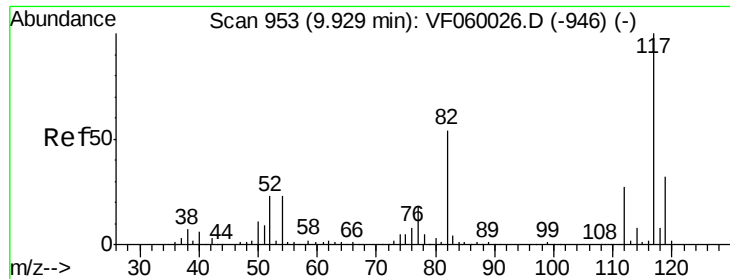
Tot Ion: 98 Resp: 231004
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 42.14 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 95 Resp: 116214
Ion Ratio Lower Upper
95 100
174 79.4 0.0 158.4
176 75.3 0.0 153.0

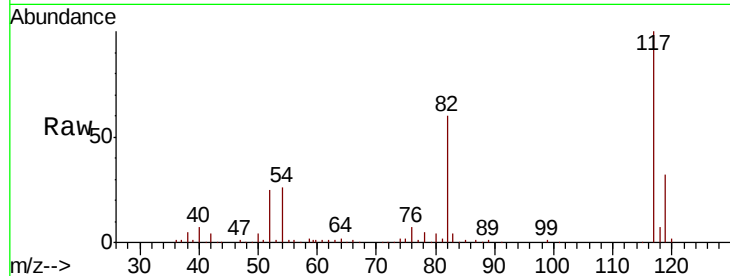




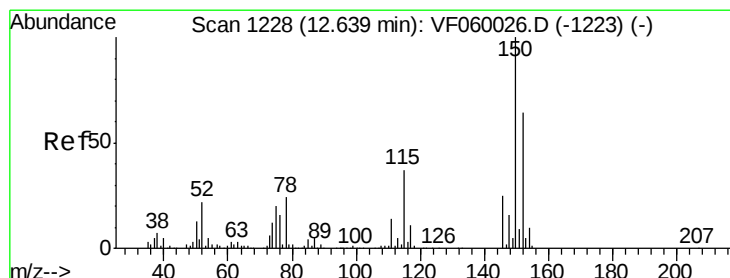
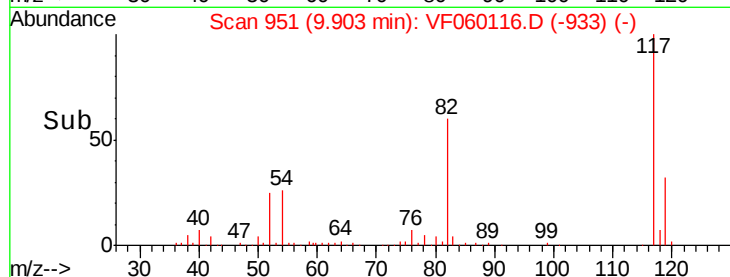
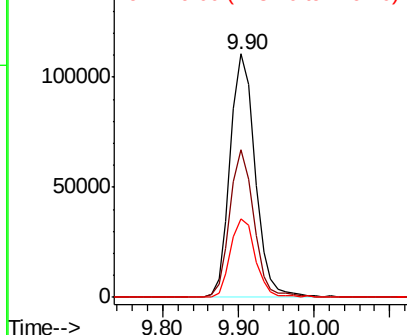
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tot Ion:117 Resp: 254083
Ion Ratio Lower Upper
117 100
82 60.4 43.6 65.4
119 32.1 25.6 38.4

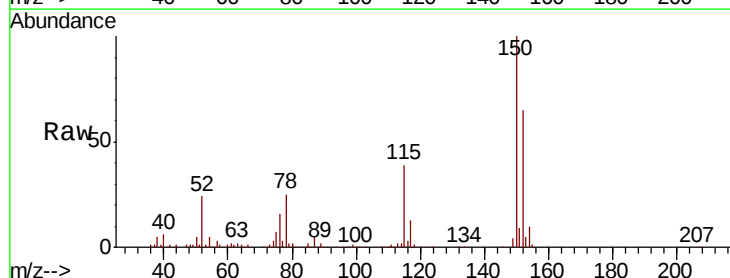


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion:152 Resp: 142952
Ion Ratio Lower Upper
152 100
115 59.9 28.6 85.9
150 153.6 0.0 312.0



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

