

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060114.D
 Acq On : 24 Aug 2018 21:50
 Operator : VA/AP
 Sample : J4636-01
 Misc : 6.02g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BYR-2-E(0-1)

Quant Time: Aug 25 05:24:28 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

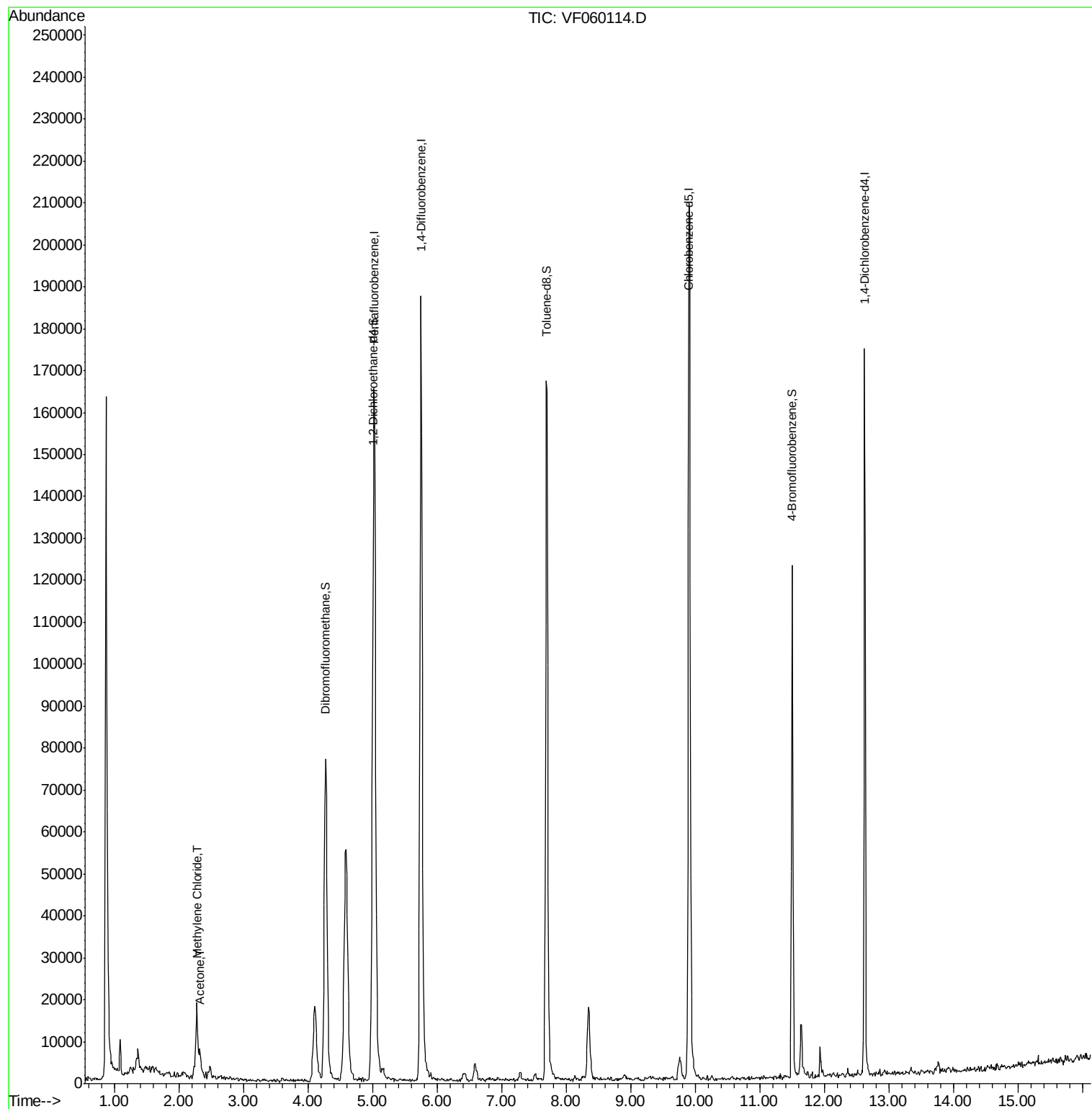
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	128061	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	195851	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	153120	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	41599	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	66133	37.73	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.46%	
35) Dibromofluoromethane	4.27	113	70304	45.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.70	98	142351	32.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.18%	
62) 4-Bromofluorobenzene	11.50	95	42009	18.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	36.36%	
Target Compounds						
16) Acetone	2.32	43	4834	10.49	ug/l #	66
20) Methylene Chloride	2.28	84	8716	4.99	ug/l #	84

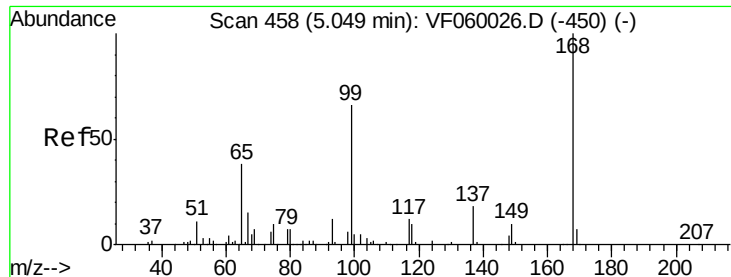
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

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Acq: 24 Aug 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

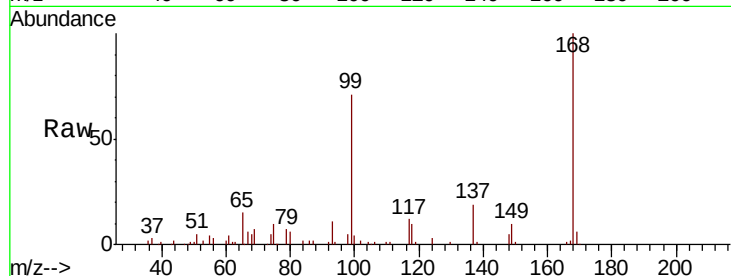
BYR-2-E(0-1)

Tot Ion:168 Resp: 128061

Ion Ratio Lower Upper

168 100

99 71.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

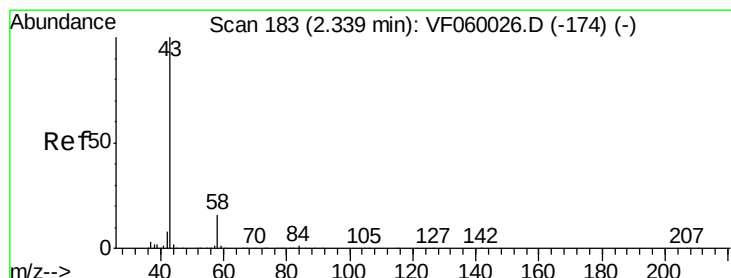
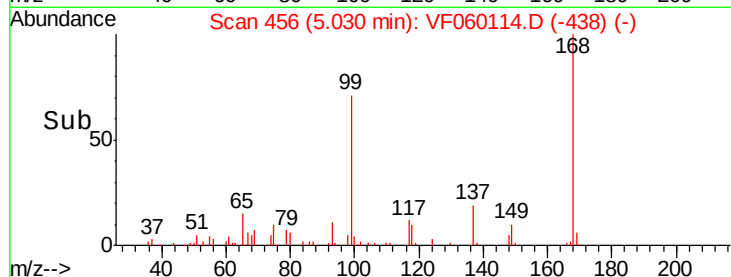
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 10.49 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060114.D

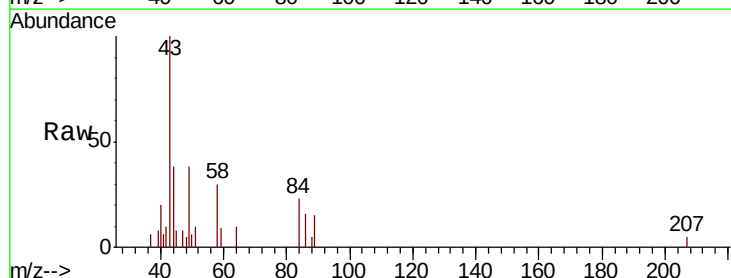
Acq: 24 Aug 2018 21:50

Tgt Ion: 43 Resp: 4834

Ion Ratio Lower Upper

43 100

58 30.3 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

2500

2000

1500

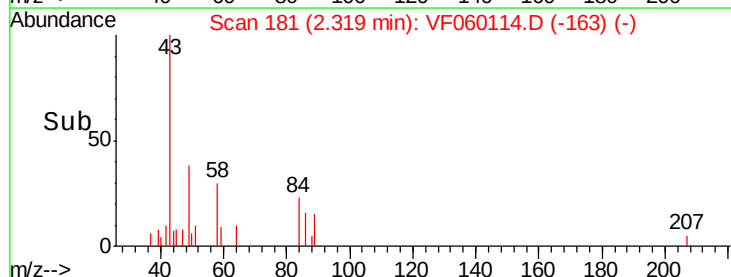
1000

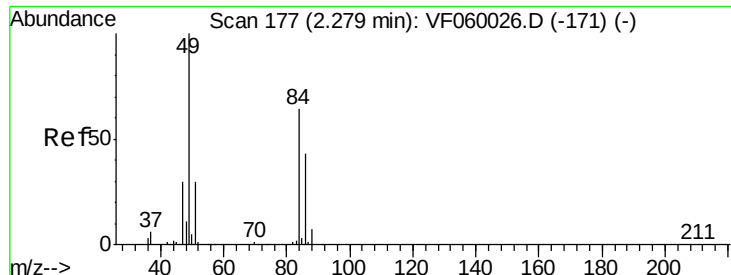
500

0

2.25 2.30 2.35 2.40

Time-->

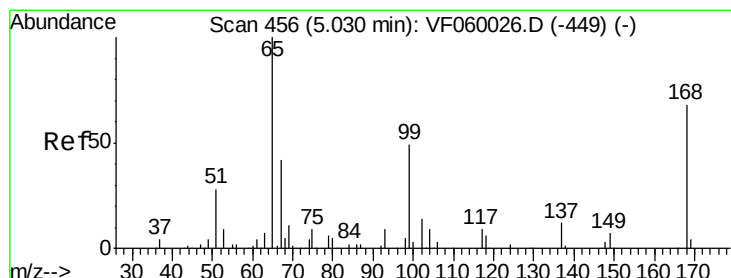
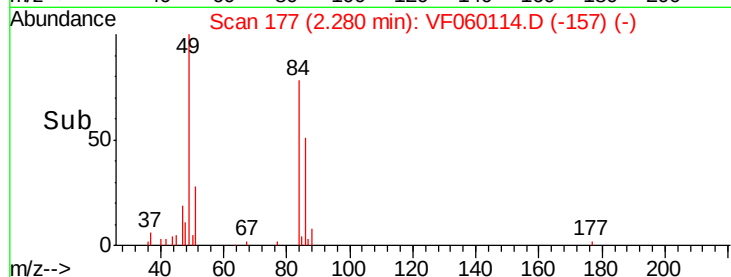
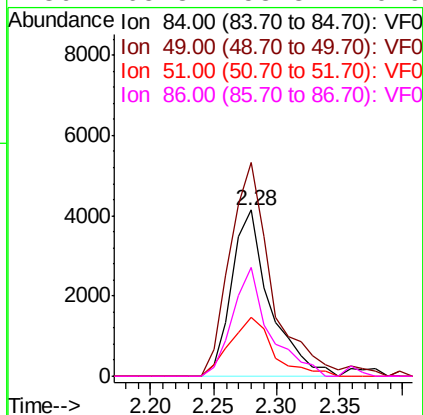
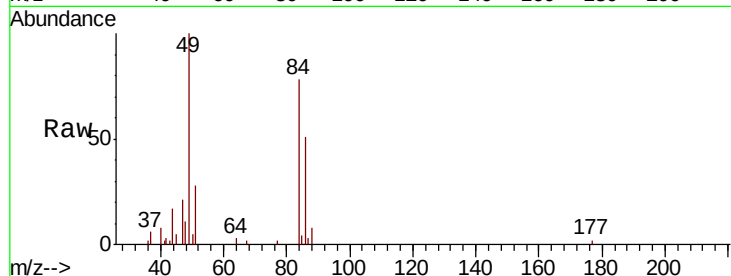




#20
Methylene Chloride
Concen: 4.99 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060114.D
Acq: 24 Aug 2018 21:50

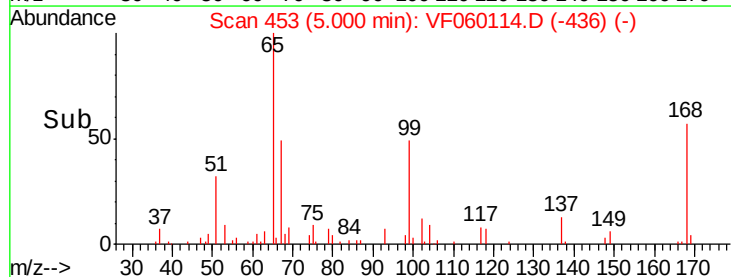
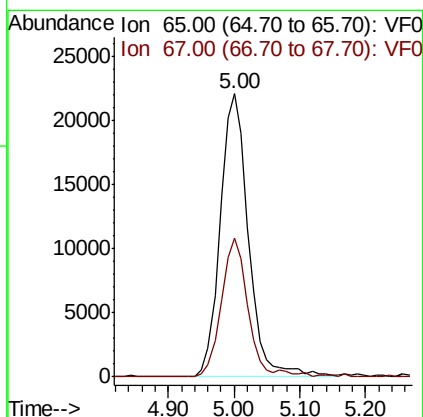
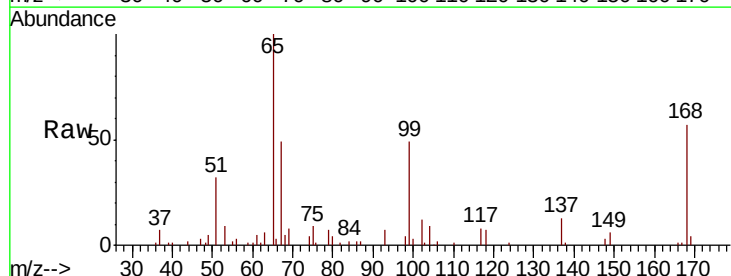
Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(0-1)

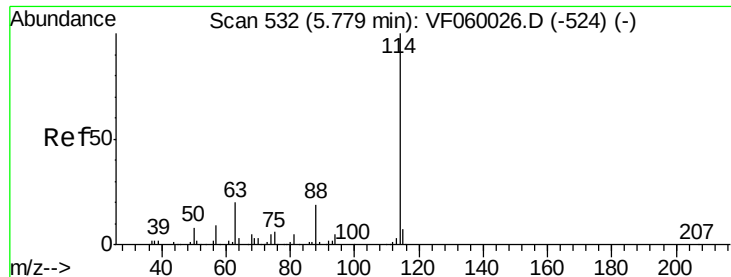
Tot Ion: 84 Resp: 8716
Ion Ratio Lower Upper
84 100
49 128.4 125.4 188.0
51 35.7 38.3 57.5#
86 65.8 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 37.73 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060114.D
Acq: 24 Aug 2018 21:50

Tgt Ion: 65 Resp: 66133
Ion Ratio Lower Upper
65 100
67 49.2 0.0 92.0

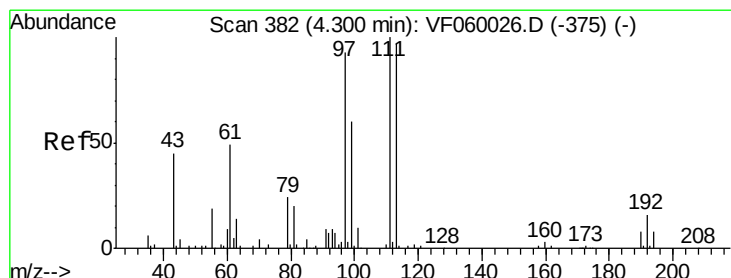
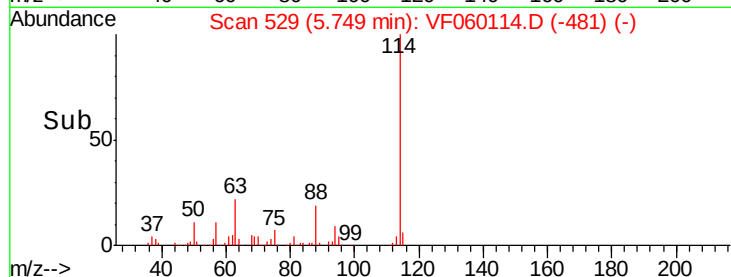
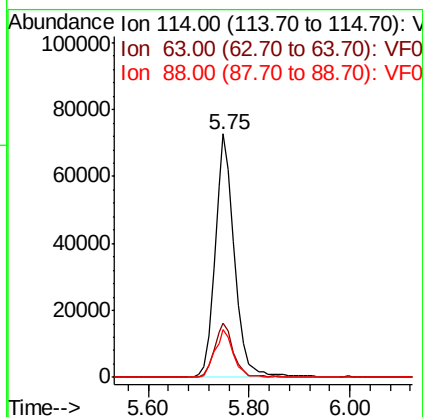
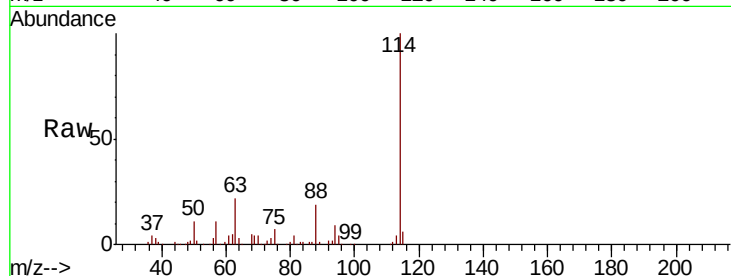




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060114.D
 Acq: 24 Aug 2018 21:50

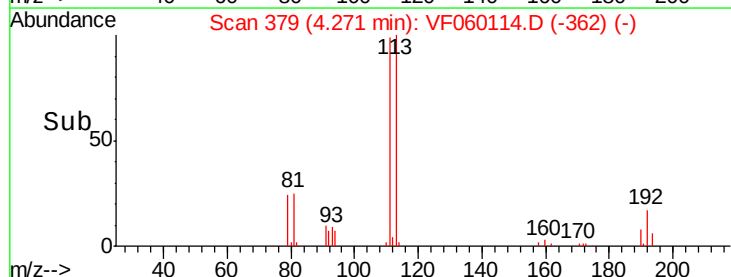
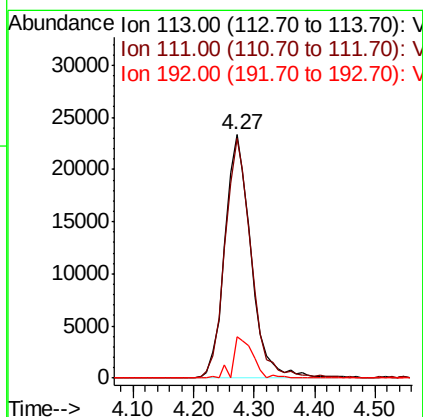
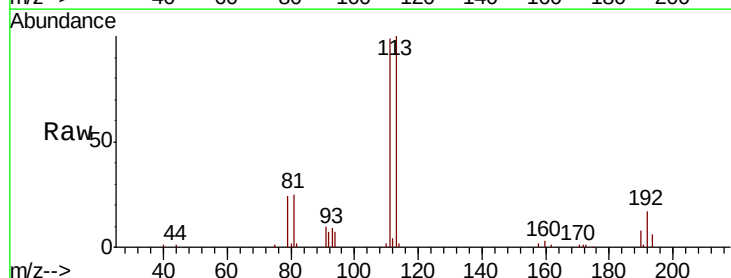
Instrument :
 MSVOA_F
 ClientSampleId :
 BYR-2-E(0-1)

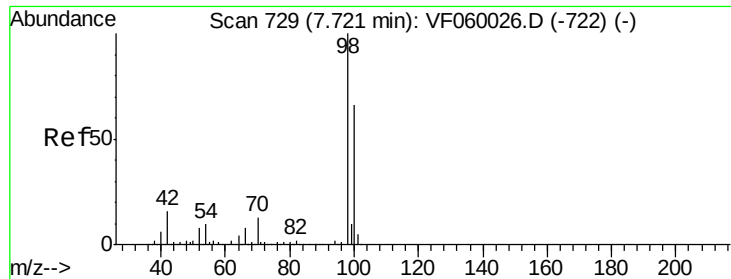
Tot Ion:114	Resp:	195851
Ion Ratio	Lower	Upper
114 100		
63 22.2	0.0	40.4
88 19.4	0.0	38.6



#35
 Dibromofluoromethane
 Concen: 45.71 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060114.D
 Acq: 24 Aug 2018 21:50

Tgt Ion:113	Resp:	70304
Ion Ratio	Lower	Upper
113 100		
111 98.5	82.7	124.1
192 16.7	13.0	19.4





#50

Toluene-d8

Concen: 32.59 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF060114.D

Acq: 24 Aug 2018 21:50

Instrument :

MSVOA_F

ClientSampleId :

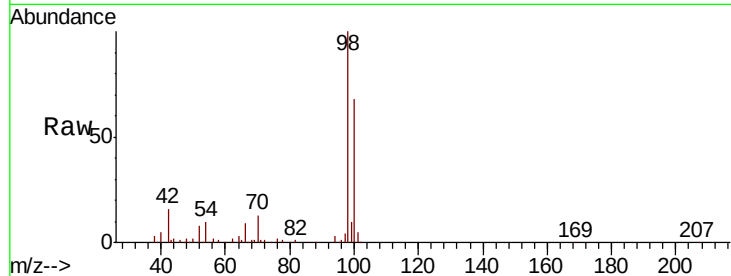
BYR-2-E(0-1)

Tot Ion: 98 Resp: 142351

Ion Ratio Lower Upper

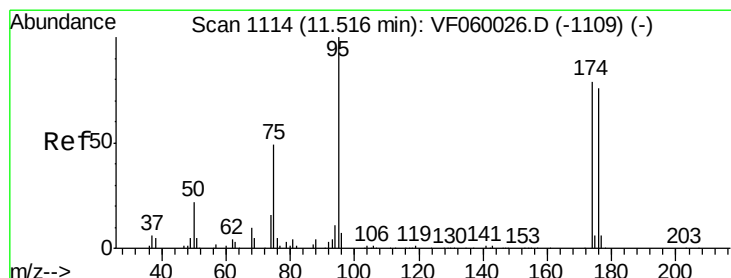
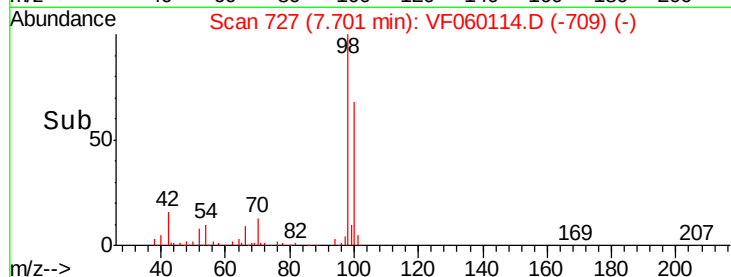
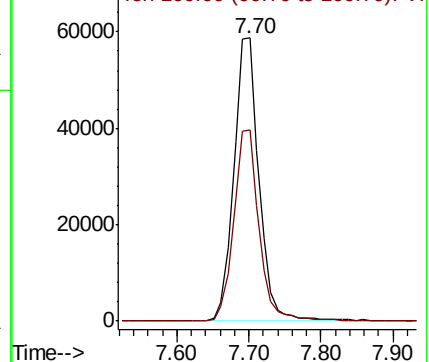
98 100

100 67.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 18.18 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF060114.D

Acq: 24 Aug 2018 21:50

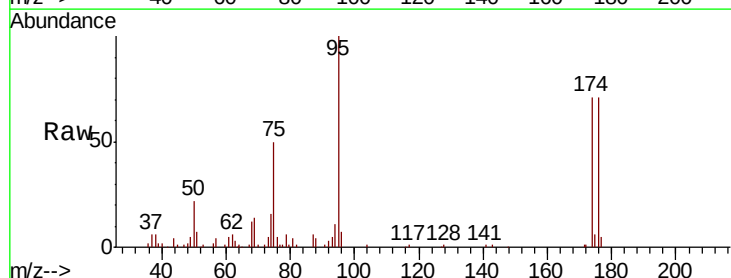
Tgt Ion: 95 Resp: 42009

Ion Ratio Lower Upper

95 100

174 71.4 0.0 158.4

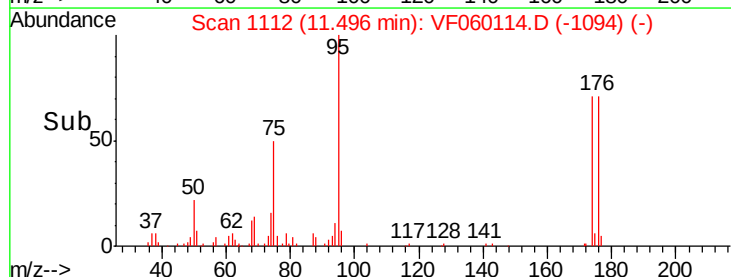
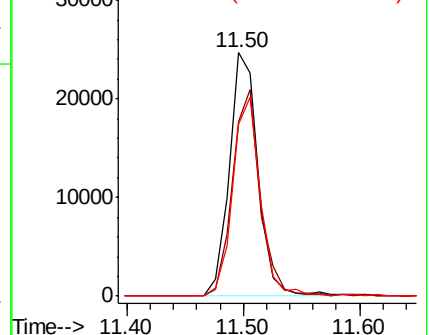
176 70.6 0.0 153.0

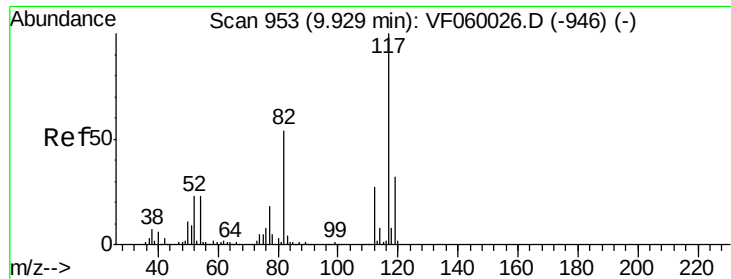


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

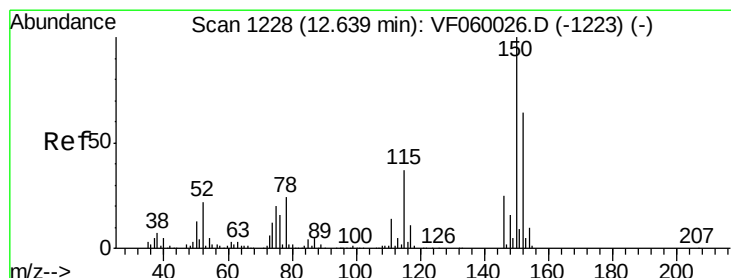
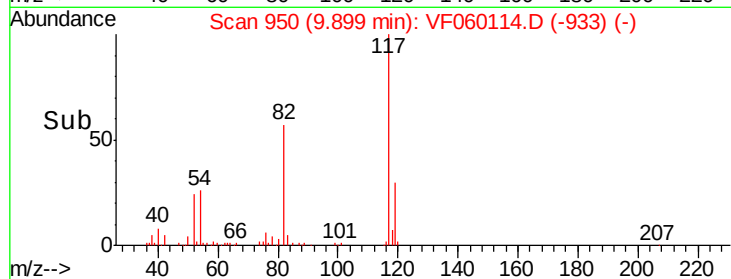
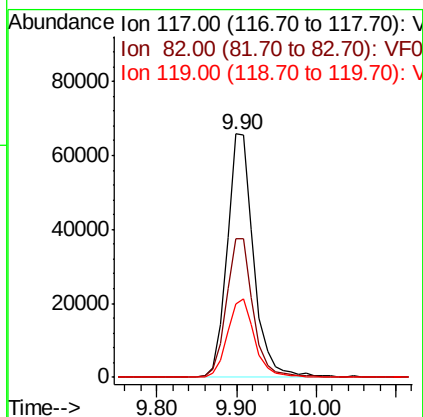
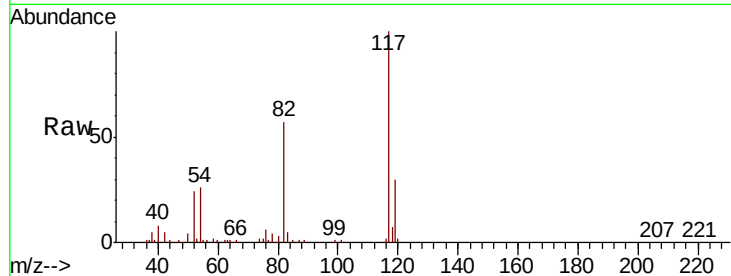




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF060114.D
Acq: 24 Aug 2018 21:50

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(0-1)

Tot Ion:117 Resp: 153120
Ion Ratio Lower Upper
117 100
82 57.1 43.6 65.4
119 30.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF060114.D
Acq: 24 Aug 2018 21:50

Tgt Ion:152 Resp: 41599
Ion Ratio Lower Upper
152 100
115 64.2 28.6 85.9
150 157.6 0.0 312.0

