

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060115.D
 Acq On : 24 Aug 2018 22:17
 Operator : VA/AP
 Sample : J4636-02
 Misc : 5.72g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BYR-2-E(6-7)

Quant Time: Aug 25 05:31:34 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

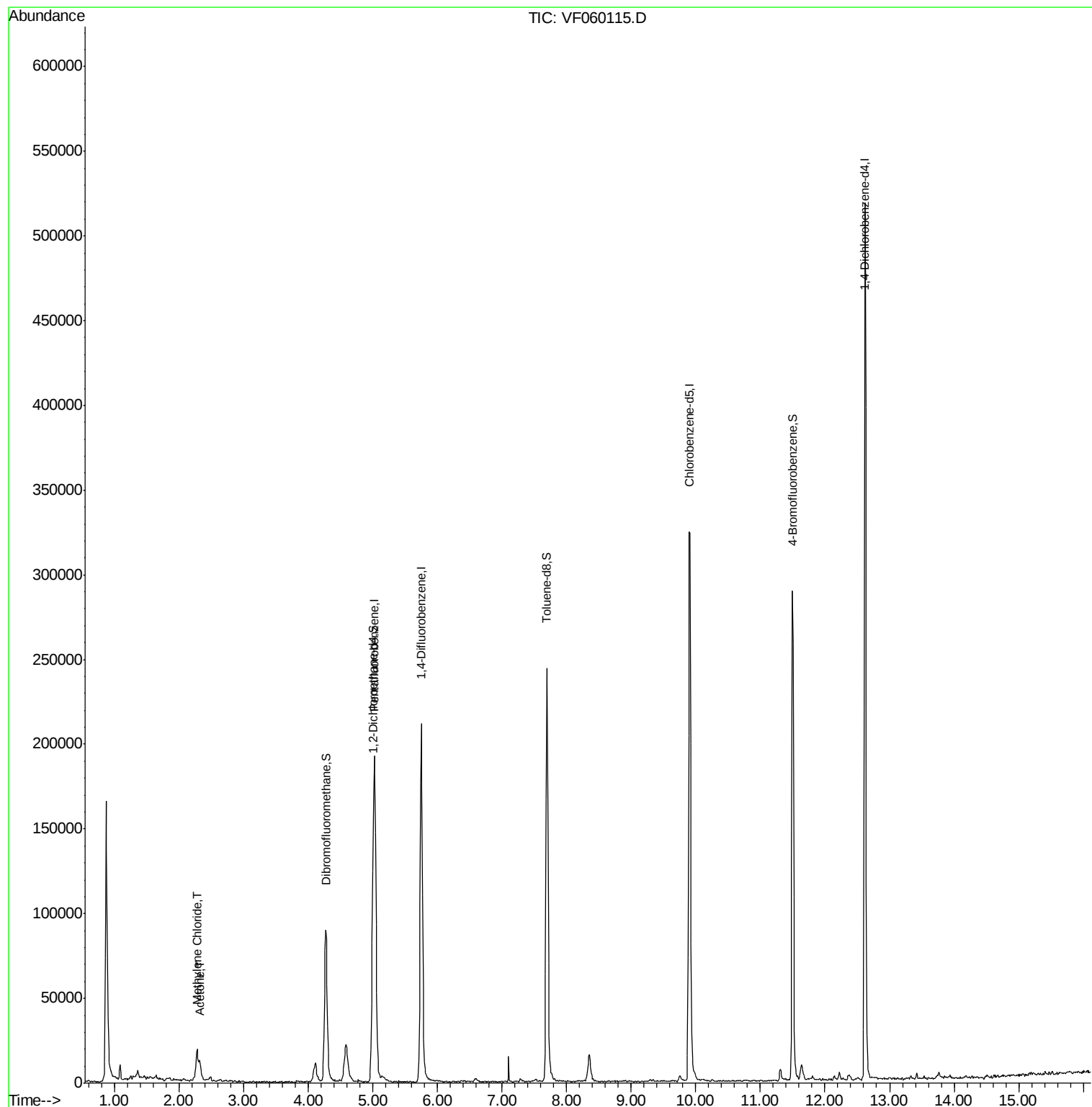
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	152710	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	224109	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	242792	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	130028	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	79726	38.15	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	76.30%	
35) Dibromofluoromethane	4.27	113	81395	46.25	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	7.69	98	210418	42.10	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.20%	
62) 4-Bromofluorobenzene	11.50	95	104207	39.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.82%	
Target Compounds						
16) Acetone	2.32	43	13131	23.91	ug/l	# 88
20) Methylene Chloride	2.28	84	10483	5.09	ug/l	97

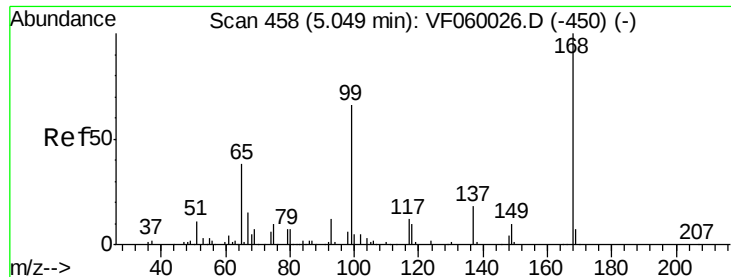
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

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Instrument :

MSVOA_F

ClientSampleId :

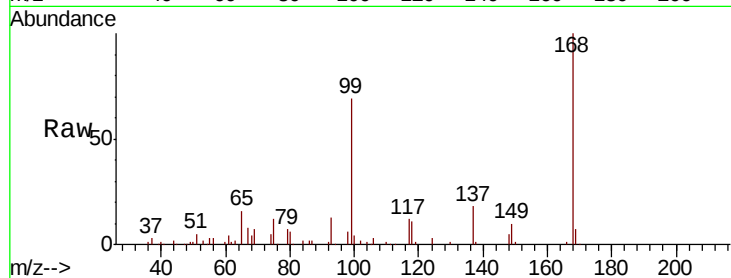
BYR-2-E(6-7)

Tot Ion:168 Resp: 152710

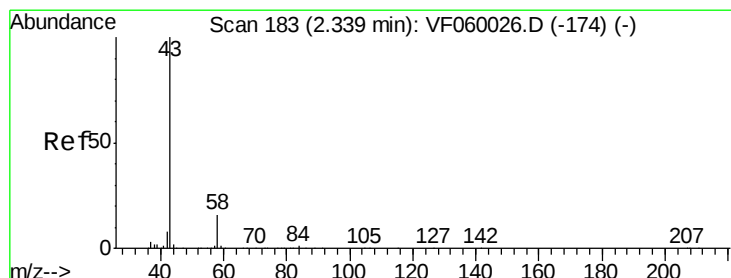
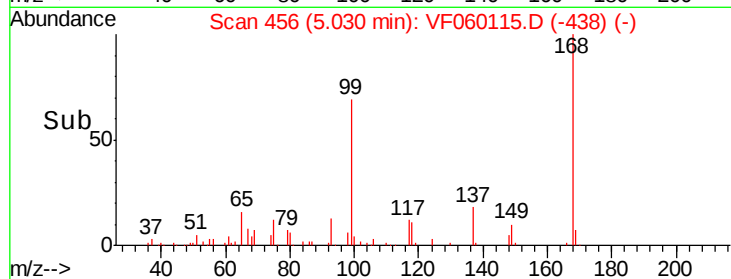
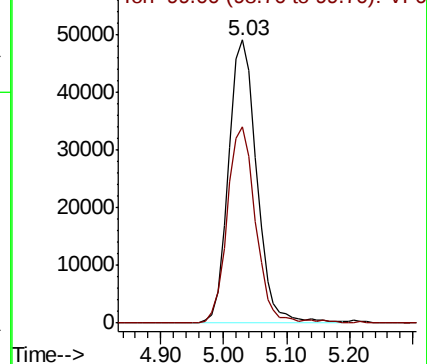
Ion Ratio Lower Upper

168 100

99 69.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 23.91 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060115.D

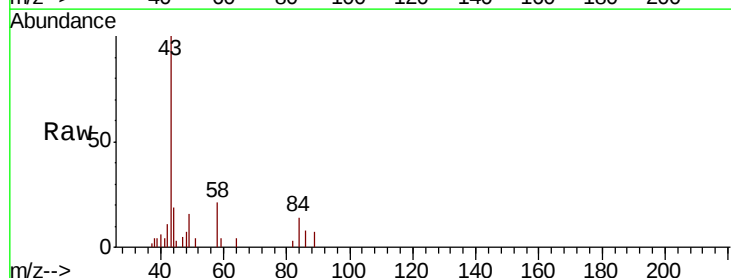
Acq: 24 Aug 2018 22:17

Tgt Ion: 43 Resp: 13131

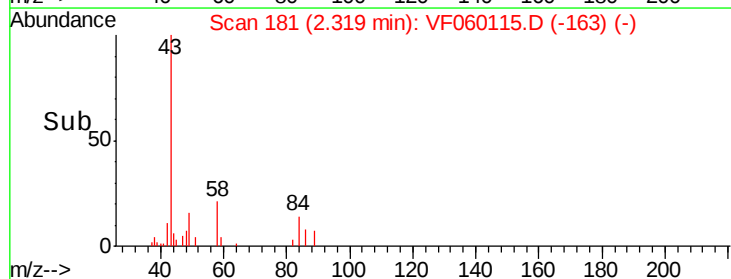
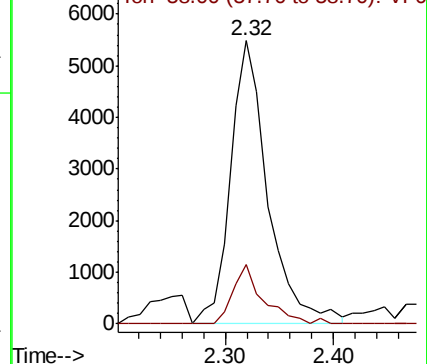
Ion Ratio Lower Upper

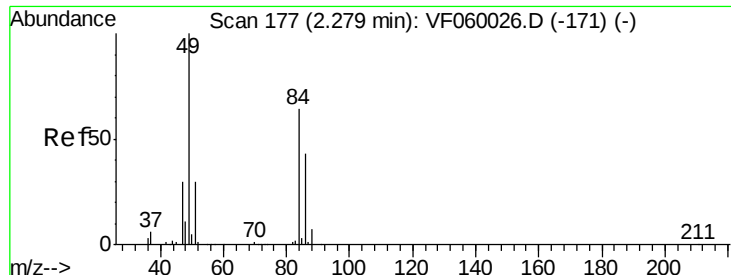
43 100

58 20.9 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

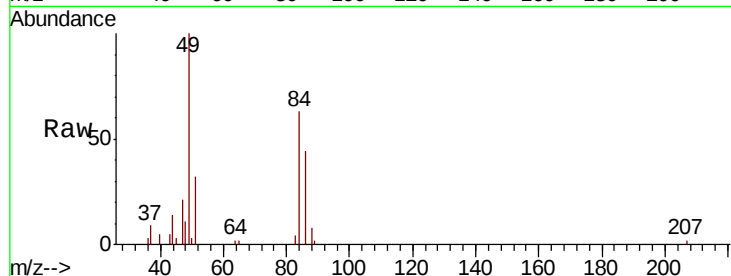




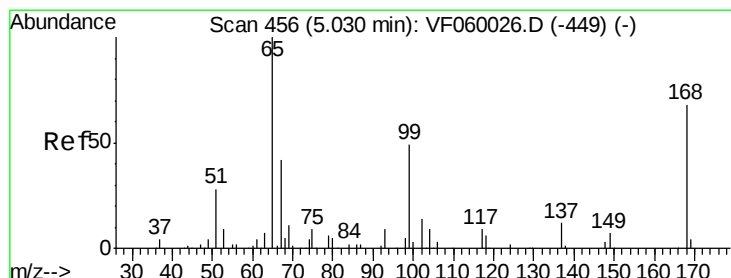
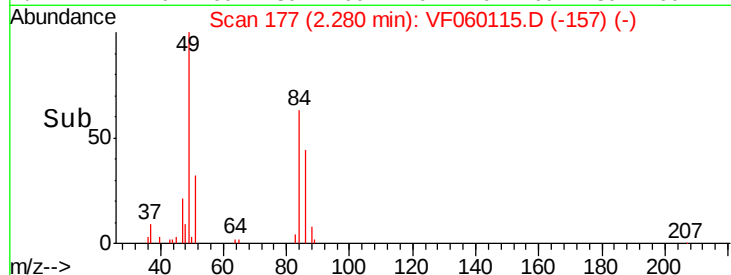
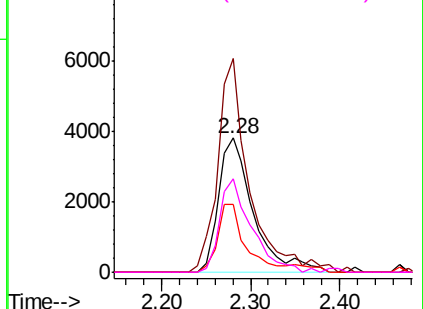
#20
Methylene Chloride
Concen: 5.09 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tot Ion: 84 Resp: 10483
Ion Ratio Lower Upper
84 100
49 159.5 125.4 188.0
51 51.0 38.3 57.5
86 69.4 53.3 79.9

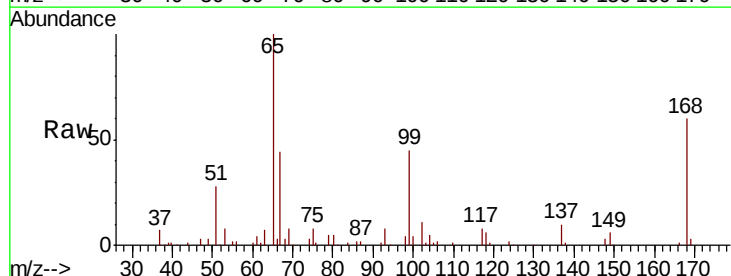


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

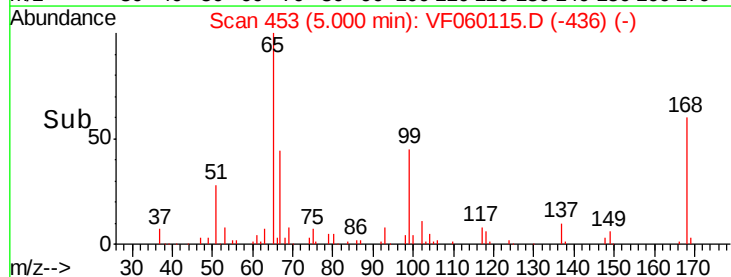
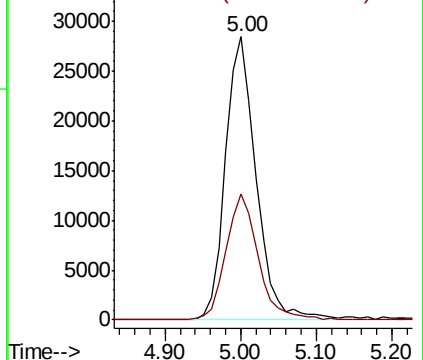


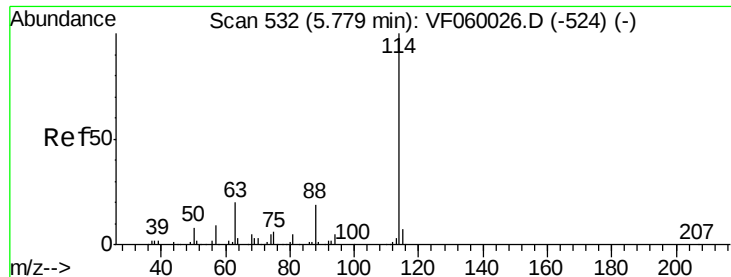
#33
1,2-Dichloroethane-d4
Concen: 38.15 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 65 Resp: 79726
Ion Ratio Lower Upper
65 100
67 44.4 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

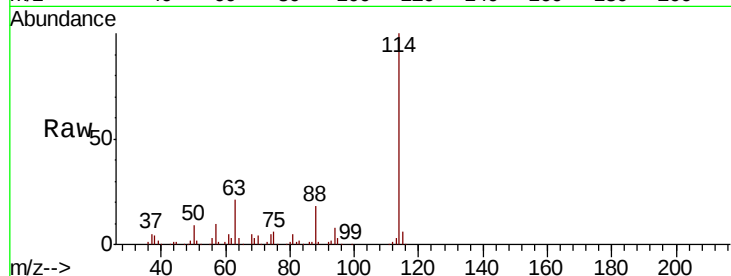




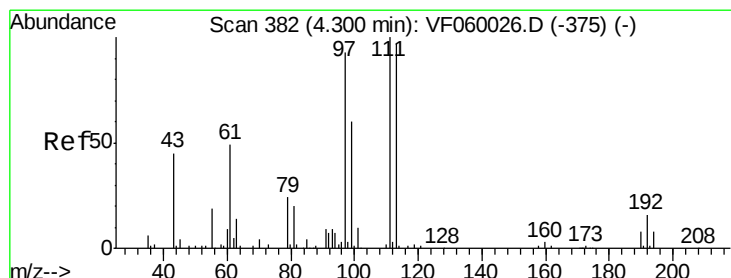
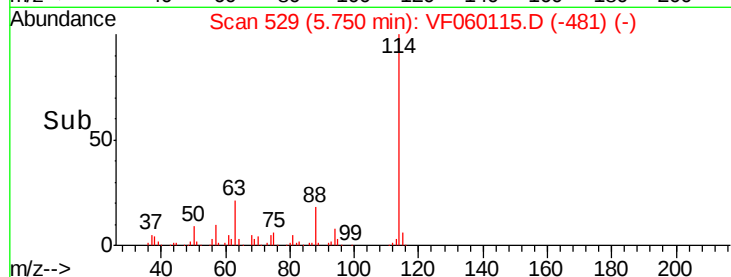
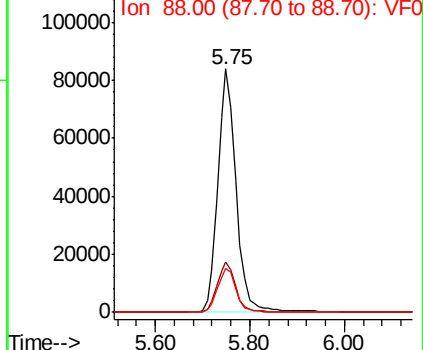
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060115.D
 Acq: 24 Aug 2018 22:17

Instrument :
 MSVOA_F
 ClientSampleId :
 BYR-2-E(6-7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	18.1	0.0	38.6

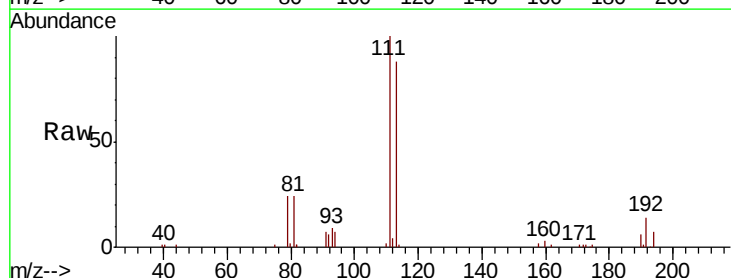


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

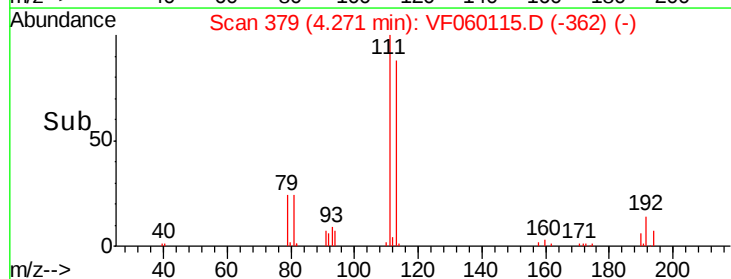
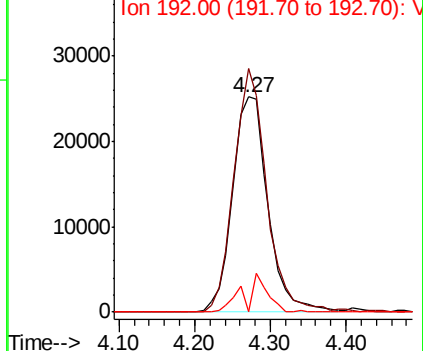


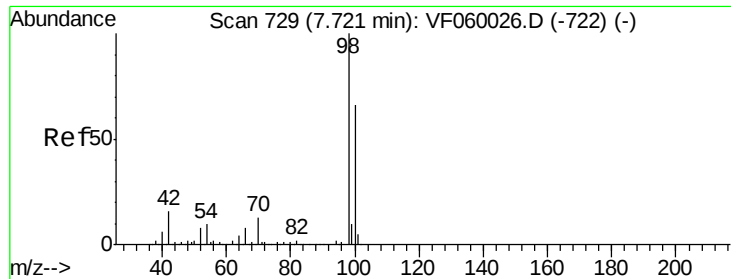
#35
 Dibromofluoromethane
 Concen: 46.25 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060115.D
 Acq: 24 Aug 2018 22:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	111.8	82.7	124.1
192	0.0	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

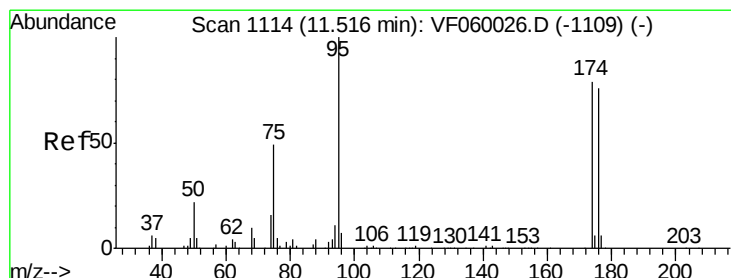
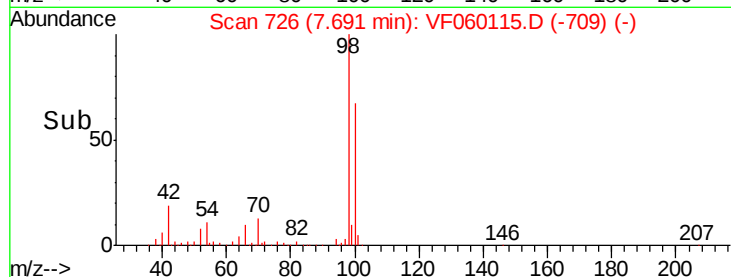
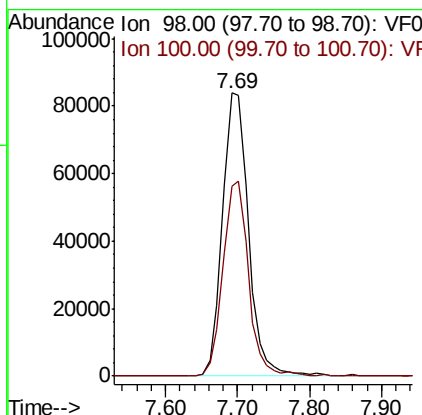
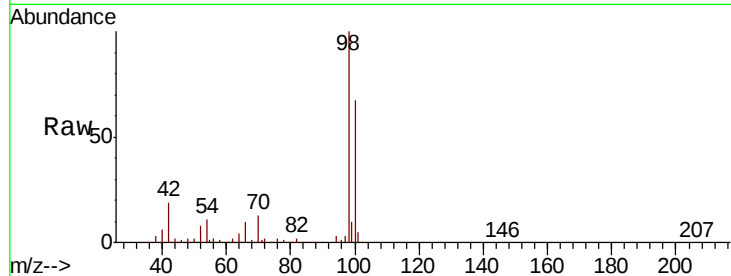




#50
Toluene-d8
Concen: 42.10 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

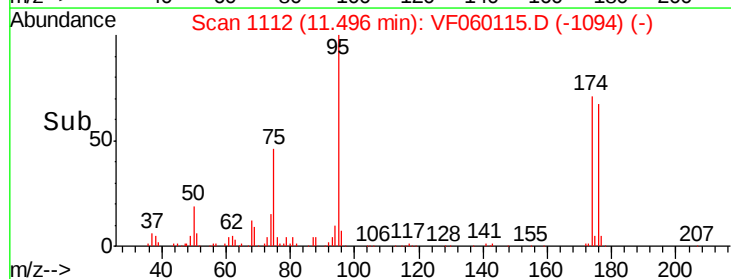
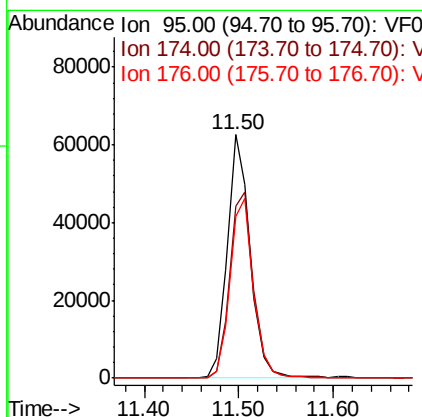
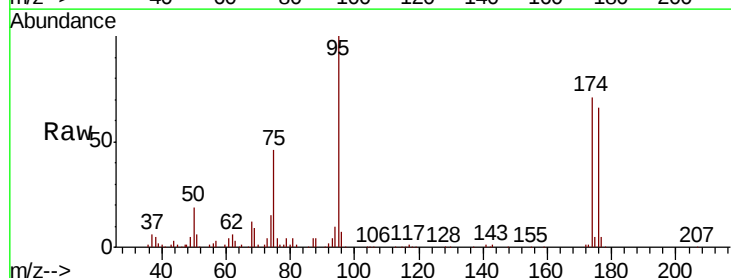
Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

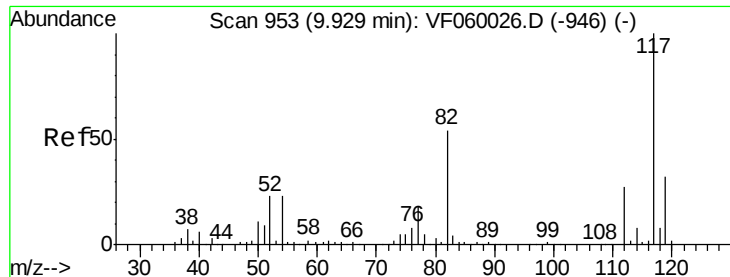
Tot Ion: 98 Resp: 210418
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 39.41 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 95 Resp: 104207
Ion Ratio Lower Upper
95 100
174 70.6 0.0 158.4
176 66.4 0.0 153.0

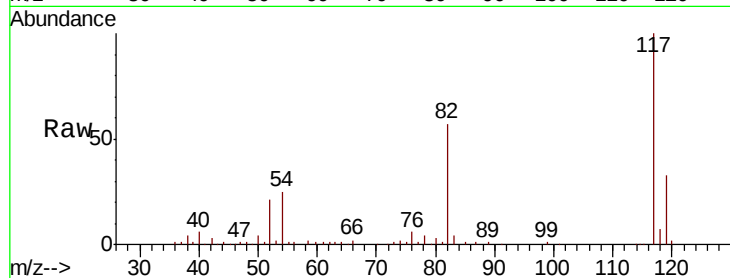




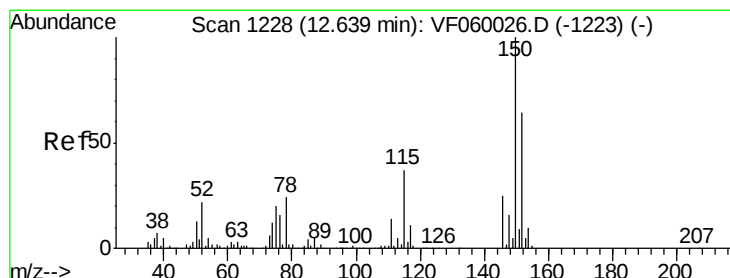
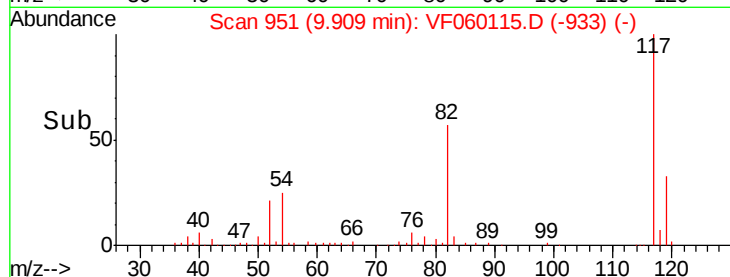
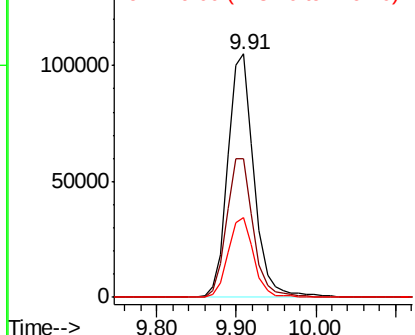
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tot Ion:117 Resp: 242792
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 32.8 25.6 38.4

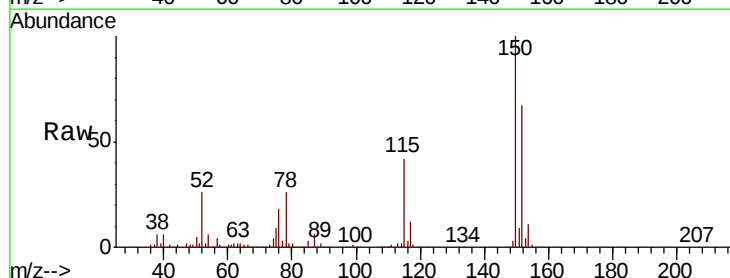


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion:152 Resp: 130028
Ion Ratio Lower Upper
152 100
115 63.0 28.6 85.9
150 148.3 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

