

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059816.D
 Acq On : 2 Aug 2018 22:25
 Operator : VA/AP
 Sample : J4121-01
 Misc : 11.38g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(3-5)

Quant Time: Aug 03 07:50:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

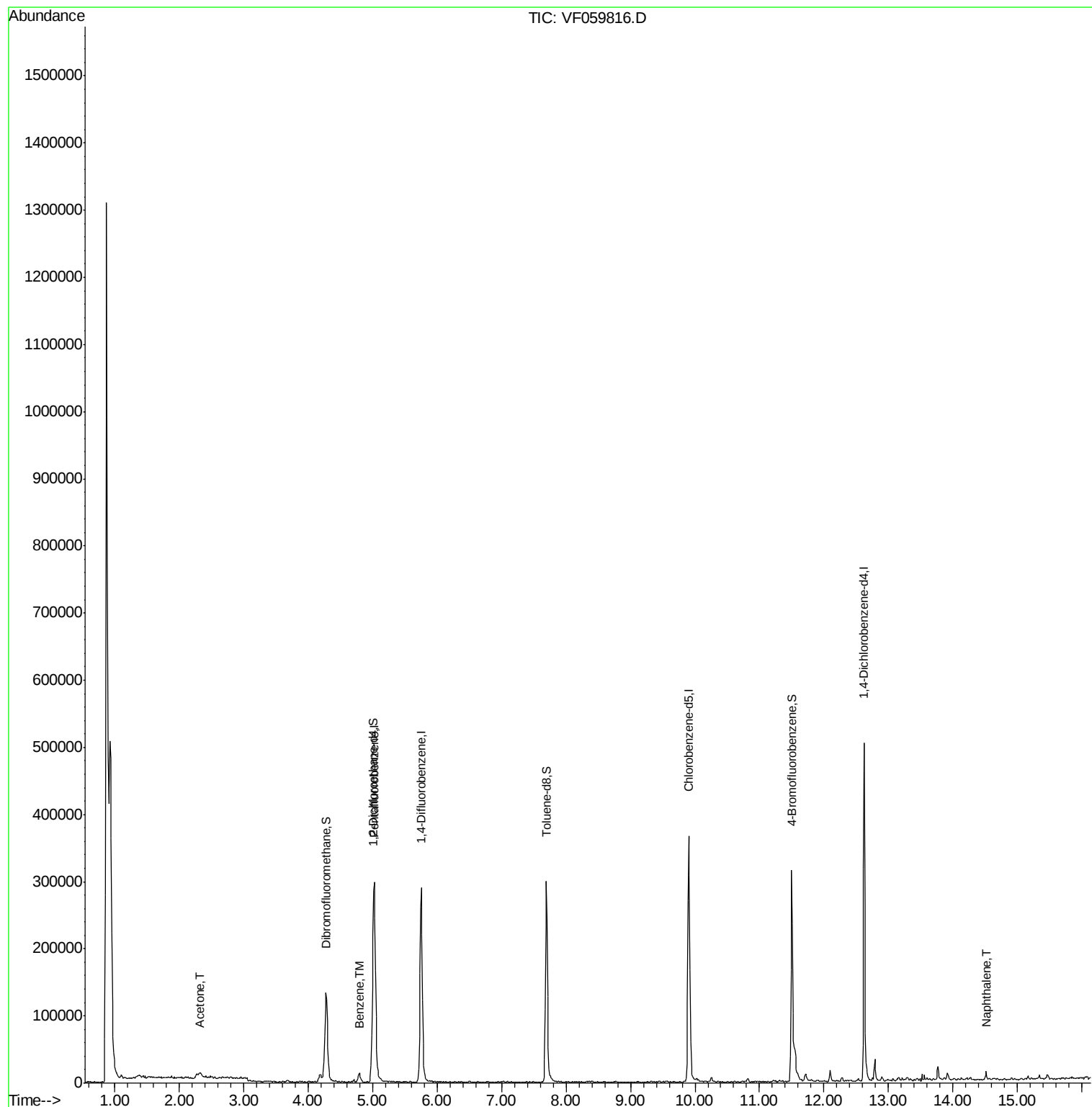
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	181700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	255316	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	229266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	115909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	138213	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
35) Dibromofluoromethane	4.27	113	116575	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
50) Toluene-d8	7.70	98	219116	35.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.86%	
62) 4-Bromofluorobenzene	11.50	95	115523	33.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.48%	
Target Compounds						
16) Acetone	2.33	43	8712	14.83	ug/l	96
40) Benzene	4.80	78	11305	2.19	ug/l	99
95) Naphthalene	14.52	128	6360	1.27	ug/l	97

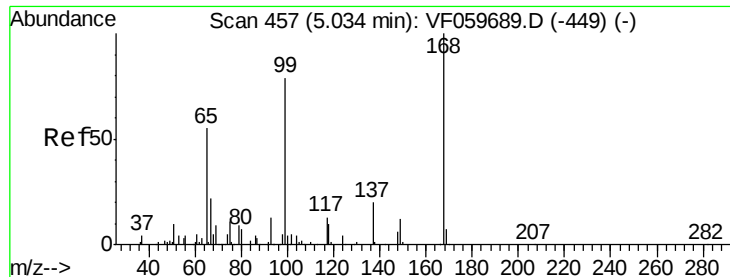
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059816.D

Acq: 2 Aug 2018 22:25

Instrument :

MSVOA_F

ClientSampleId :

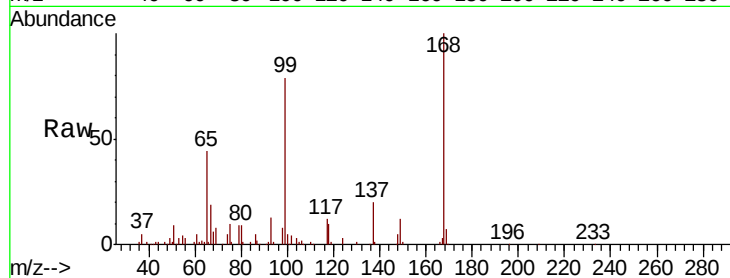
SB-9(3-5)

Tot Ion:168 Resp: 181700

Ion Ratio Lower Upper

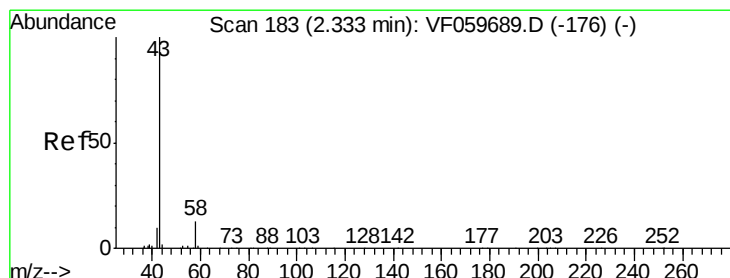
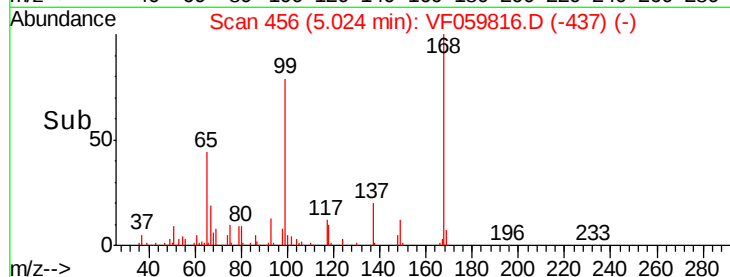
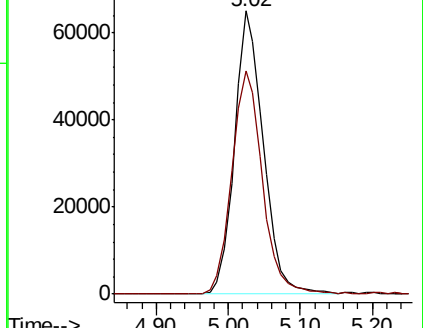
168 100

99 78.9 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 14.83 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059816.D

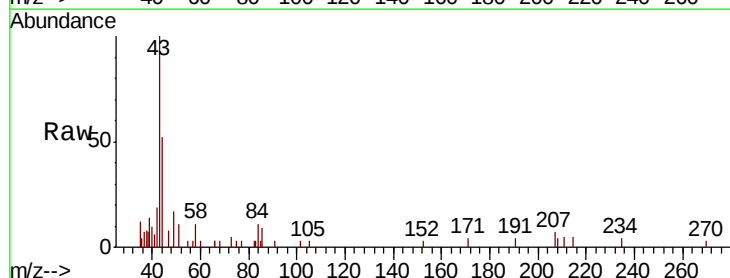
Acq: 2 Aug 2018 22:25

Tgt Ion: 43 Resp: 8712

Ion Ratio Lower Upper

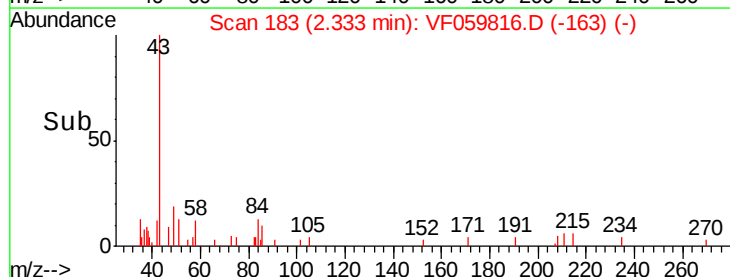
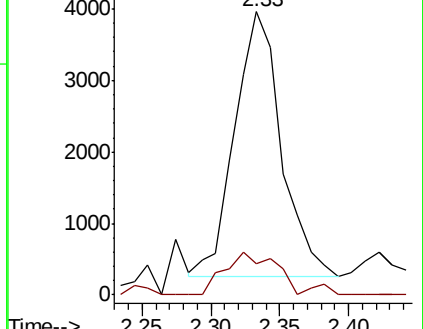
43 100

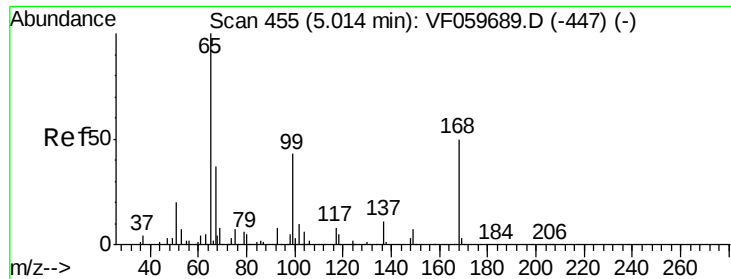
58 11.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

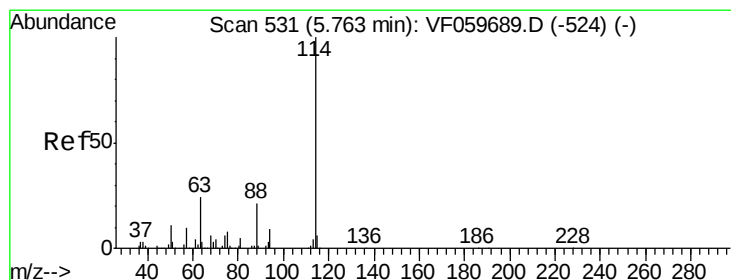
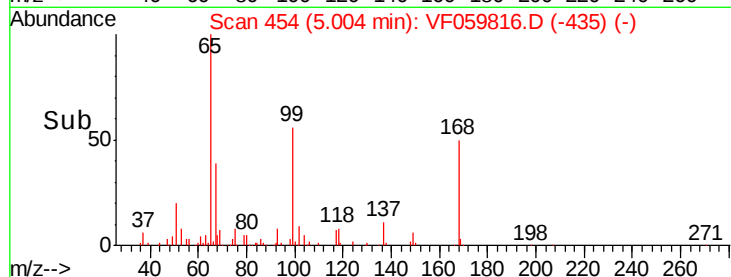
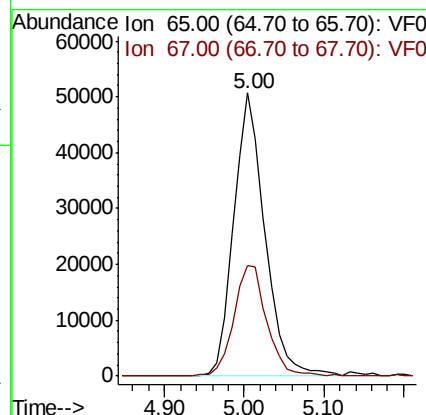
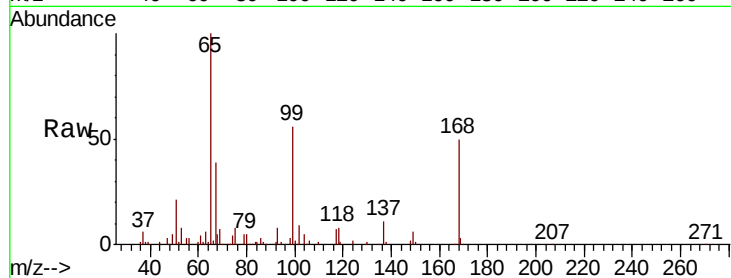




#33
 1,2-Dichloroethane-d4
 Concen: 42.33 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059816.D
 Acq: 2 Aug 2018 22:25

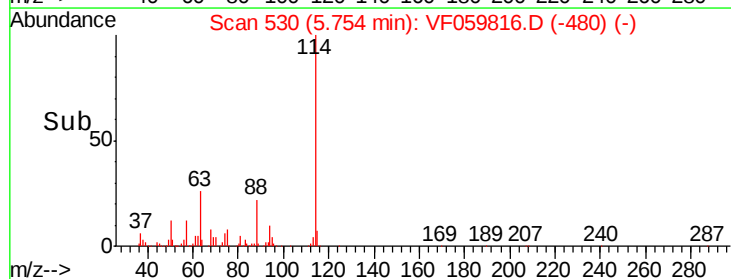
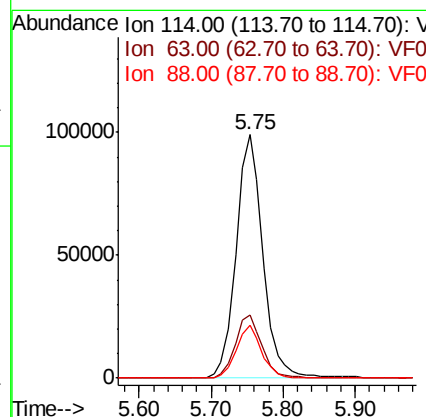
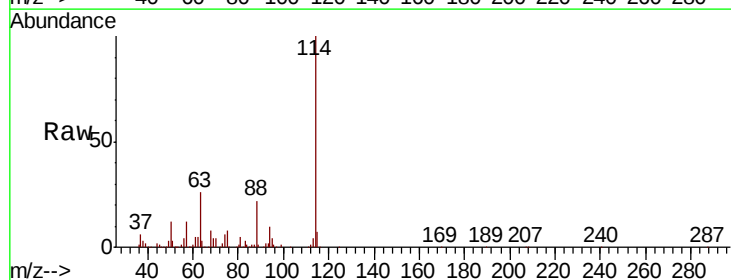
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(3-5)

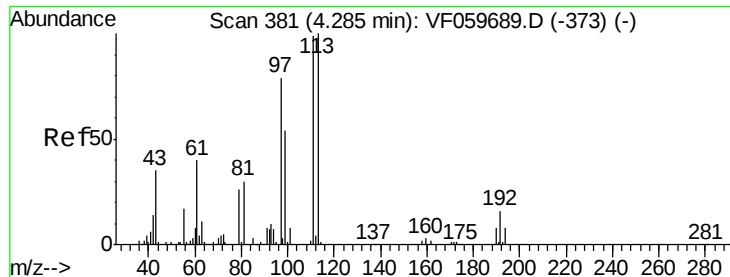
Tot Ion: 65 Resp: 138213
 Ion Ratio Lower Upper
 65 100
 67 39.0 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059816.D
 Acq: 2 Aug 2018 22:25

Tgt Ion:114 Resp: 255316
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 47.4
 88 21.7 0.0 41.2

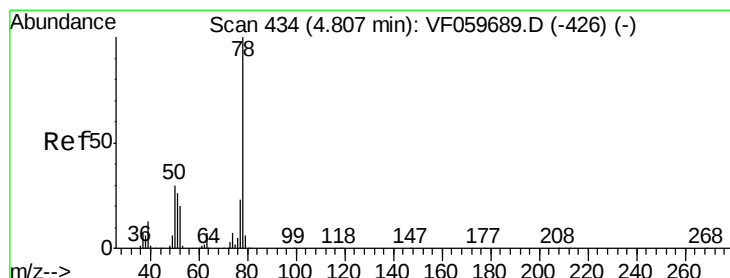
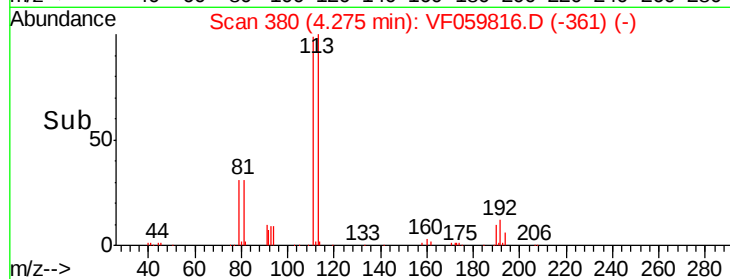
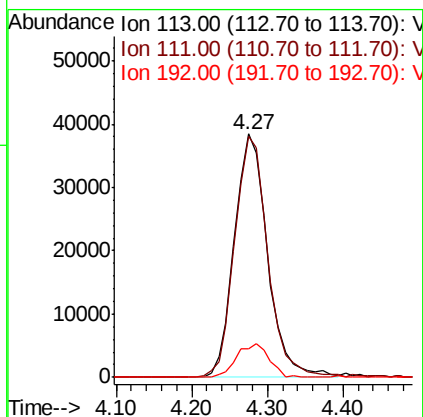
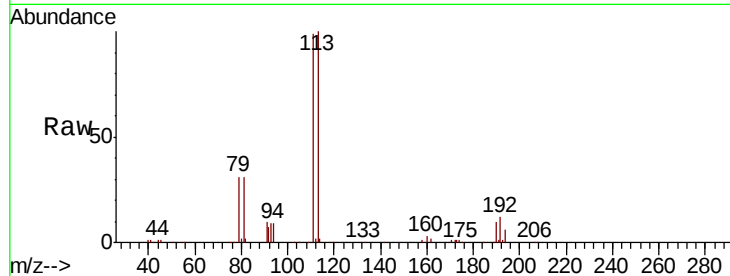




#35
 Dibromofluoromethane
 Concen: 43.96 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VF059816.D
 Acq: 2 Aug 2018 22:25

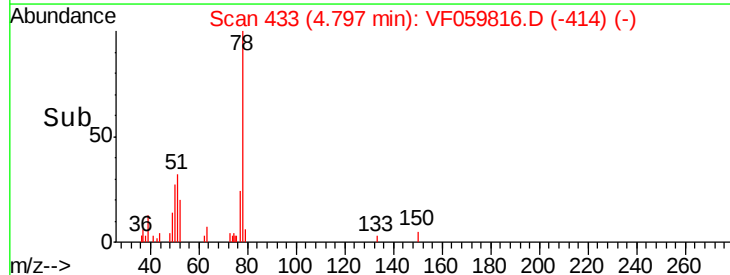
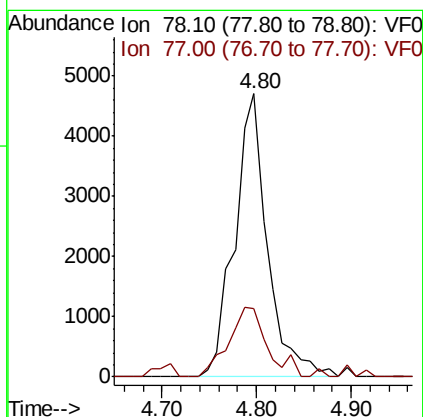
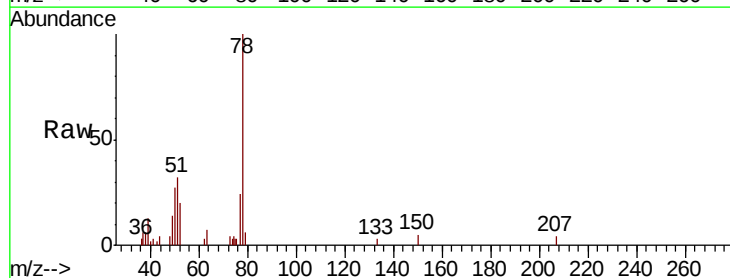
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(3-5)

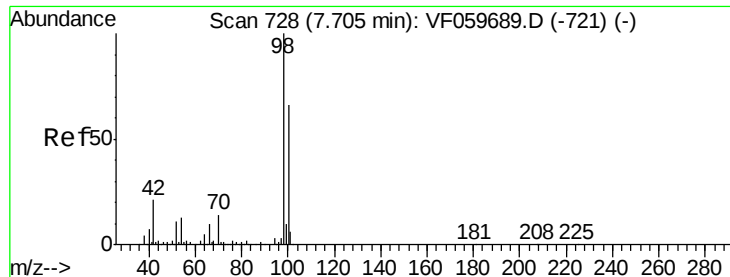
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.8	79.0	118.4
192	11.5	13.2	19.8#



#40
 Benzene
 Concen: 2.19 ug/l
 RT: 4.80 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: VF059816.D
 Acq: 2 Aug 2018 22:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.9	28.3





#50

Toluene-d8

Concen: 35.43 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059816.D

Acq: 2 Aug 2018 22:25

Instrument :

MSVOA_F

ClientSampled :

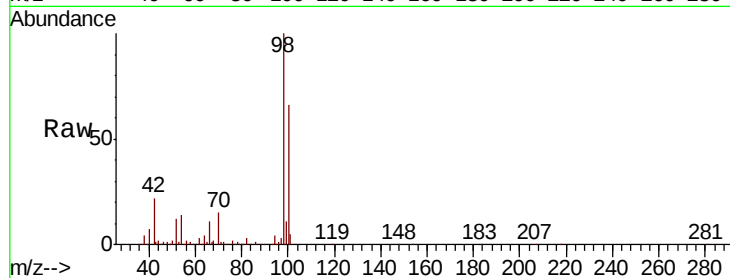
SB-9(3-5)

Tot Ion: 98 Resp: 219116

Ion Ratio Lower Upper

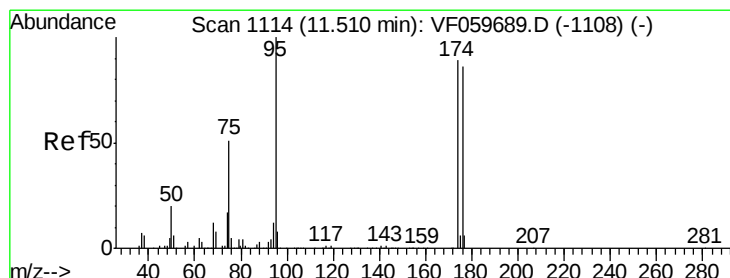
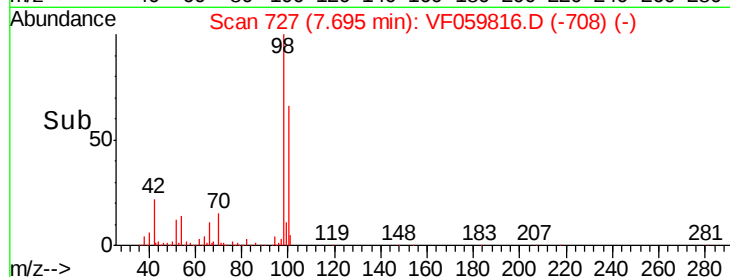
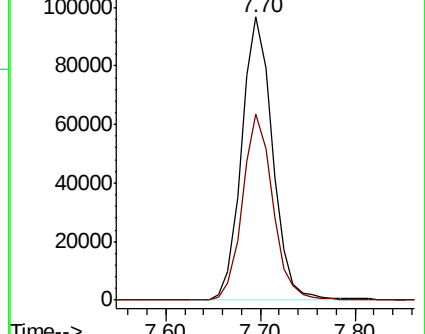
98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 33.74 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059816.D

Acq: 2 Aug 2018 22:25

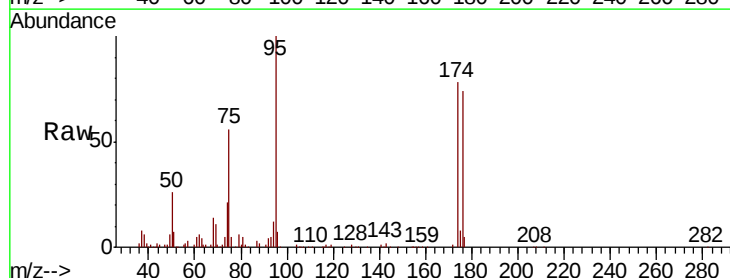
Tgt Ion: 95 Resp: 115523

Ion Ratio Lower Upper

95 100

174 78.5 0.0 178.4

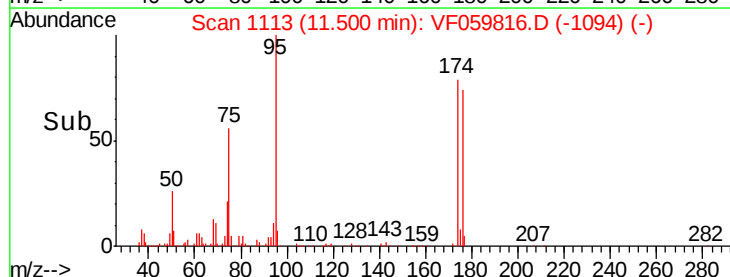
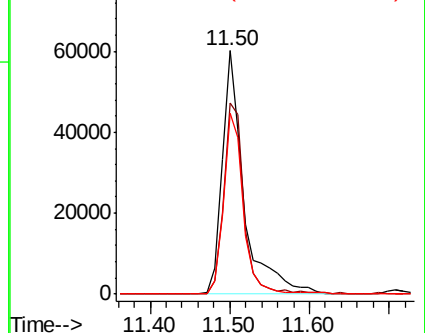
176 74.3 0.0 173.0

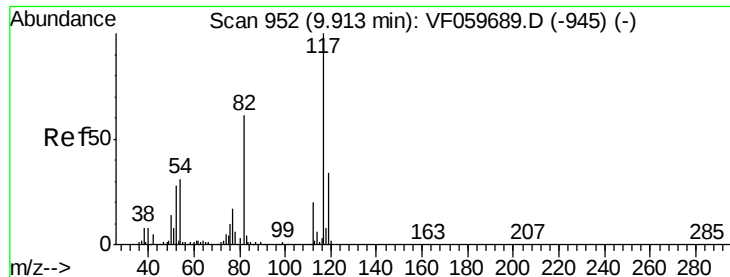


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

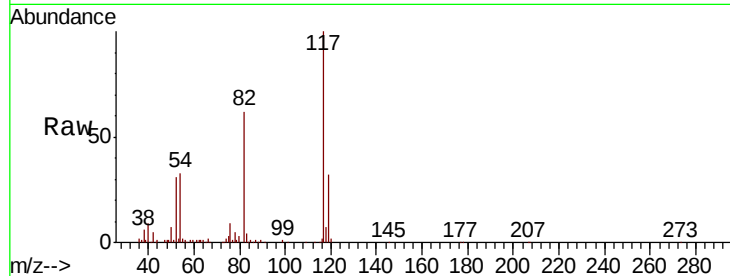




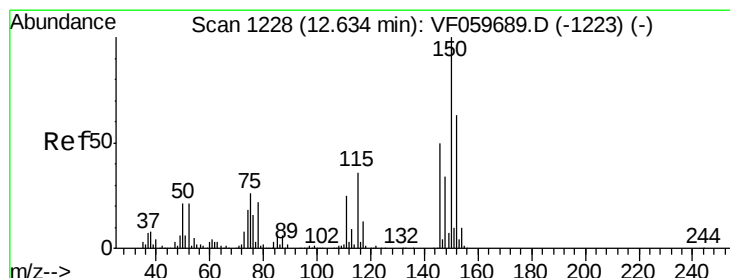
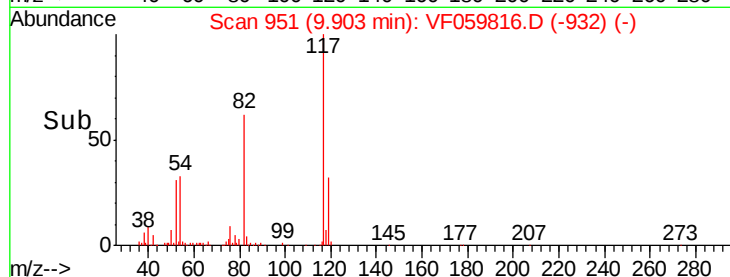
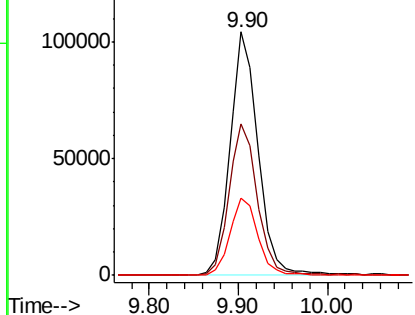
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059816.D
Acq: 2 Aug 2018 22:25

Instrument :
MSVOA_F
ClientSampleId :
SB-9(3-5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.4	49.0	73.4
119	31.7	27.3	40.9

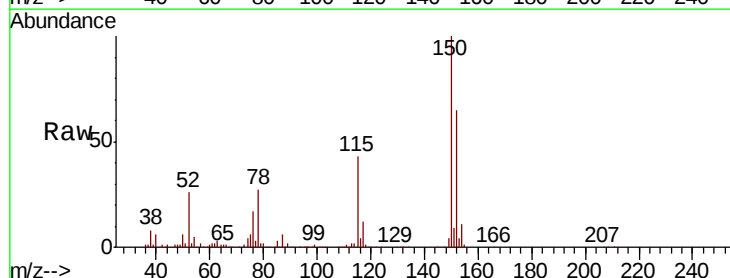


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

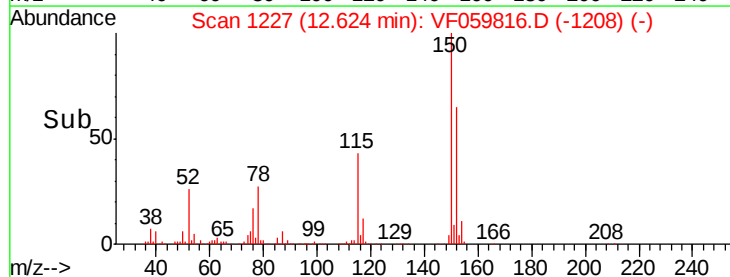
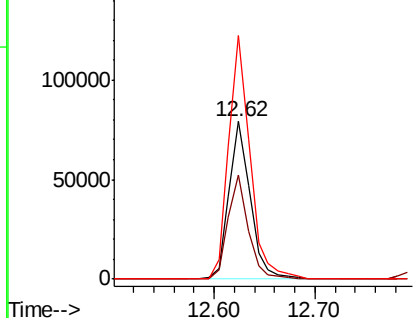


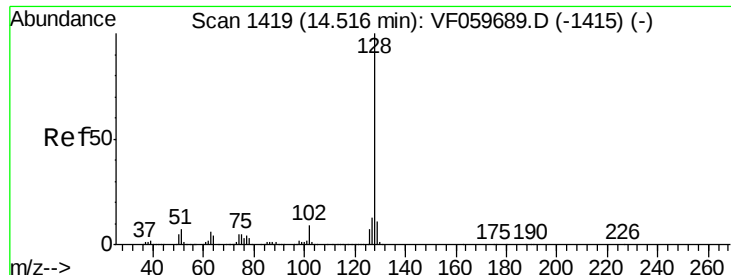
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059816.D
Acq: 2 Aug 2018 22:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	28.2	84.6
150	154.3	0.0	316.2



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





#95

Naphthalene

Concen: 1.27 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.00 min

Lab File: VF059816.D

Acq: 2 Aug 2018 22:25

Instrument :

MSVOA_F

ClientSampleId :

SB-9(3-5)

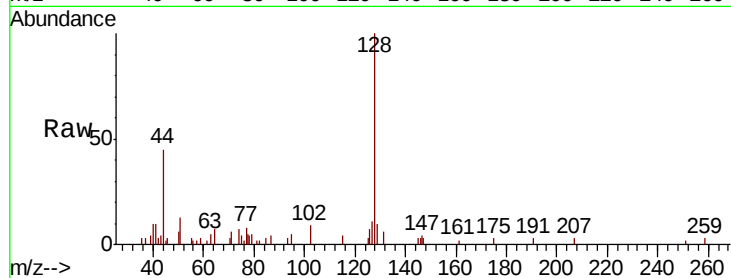
Tot Ion:128 Resp: 6360

Ion Ratio Lower Upper

128 100

127 11.1 10.0 15.0

129 10.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

