

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060820.D
 Acq On : 20 Nov 2018 23:28
 Operator : VA/AP
 Sample : J5977-08
 Misc : 3.39g/5mL/MSVOA-F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MMTW-03(8-10)

Quant Time: Nov 21 04:03:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

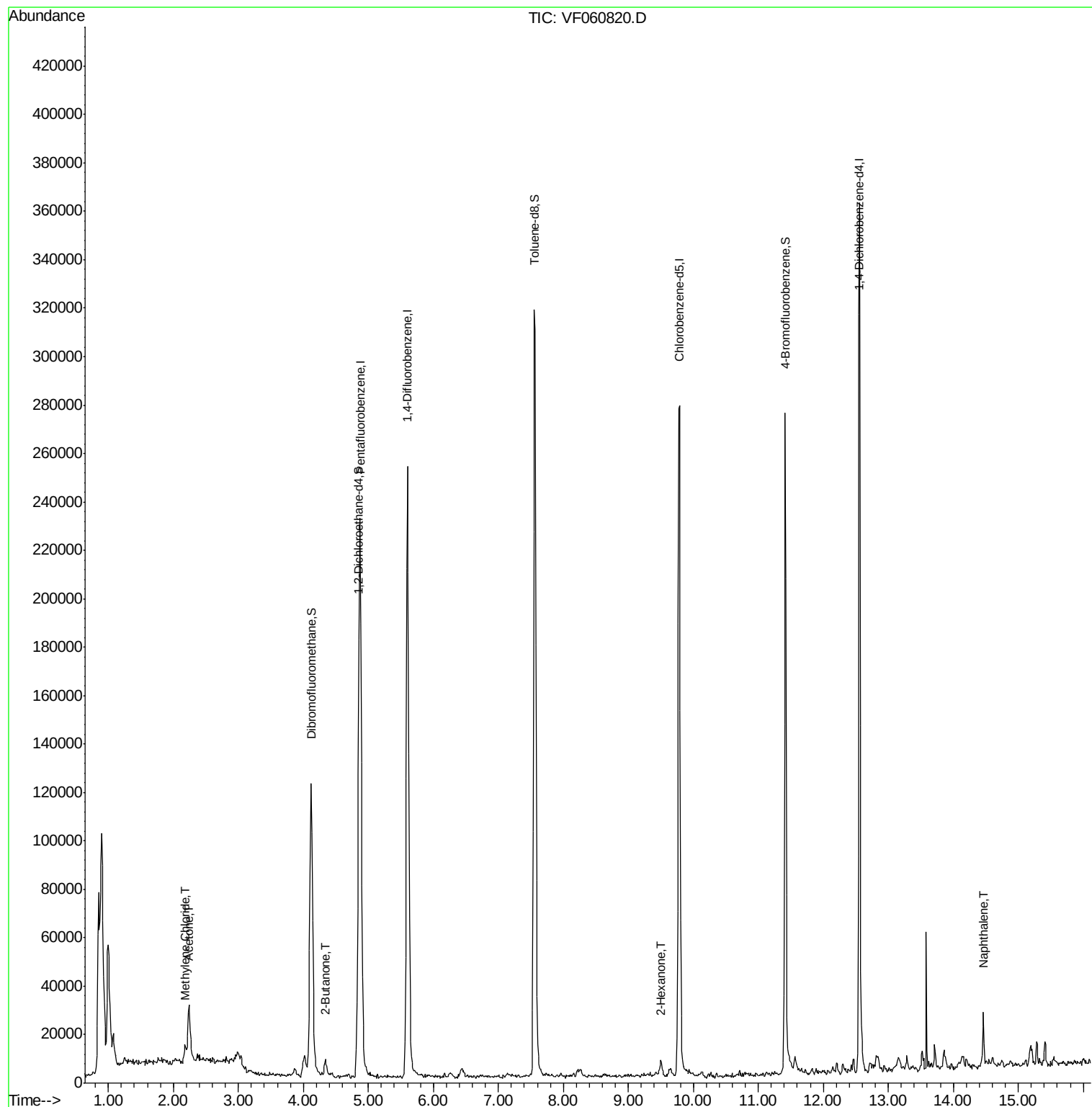
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	175933	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	280731	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	206681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	92773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	88347	44.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.06%	
35) Dibromofluoromethane	4.12	113	119476	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
50) Toluene-d8	7.56	98	277232	51.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.41	95	105638	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
Target Compounds						
16) Acetone	2.24	43	36006	83.95	ug/l	97
20) Methylene Chloride	2.18	84	6276	1.64	ug/l #	86
25) 2-Butanone	4.34	43	14136	20.04	ug/l	92
59) 2-Hexanone	9.51	43	5765	7.07	ug/l	83
95) Naphthalene	14.46	128	13943	3.65	ug/l	97

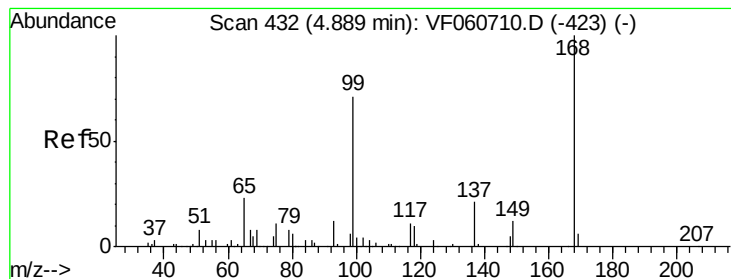
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060820.D
Acq On : 20 Nov 2018 23:28
Operator : VA/AP
Sample : J5977-08
Misc : 3.39g/5mL/MSVOA-F/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
MMTW-03(8-10)

Quant Time: Nov 21 04:03:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060820.D

Acq: 20 Nov 2018 23:28

Instrument :

MSVOA_F

ClientSampleId :

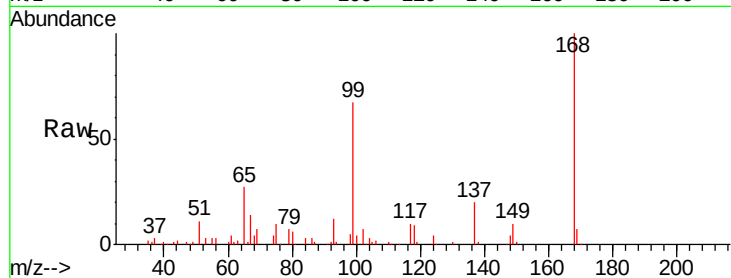
MMTW-03(8-10)

Tgt Ion:168 Resp: 175933

Ion Ratio Lower Upper

168 100

99 67.1 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

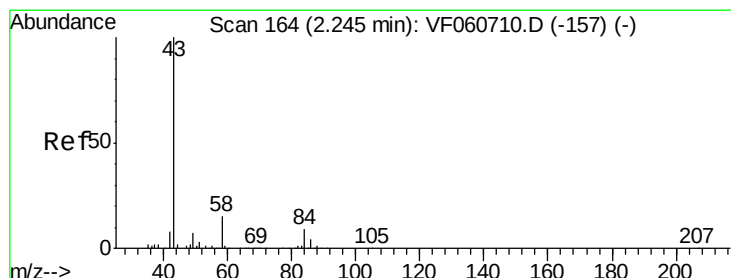
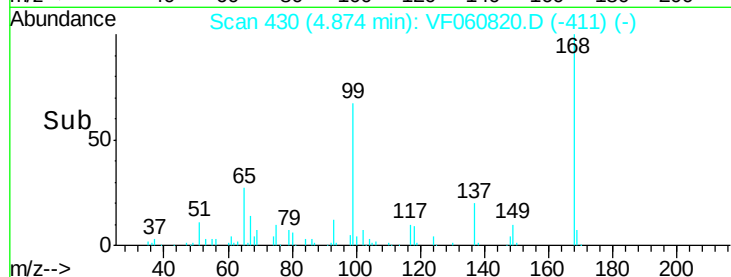
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 83.95 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060820.D

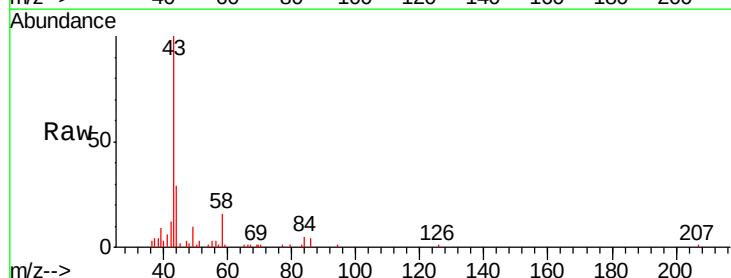
Acq: 20 Nov 2018 23:28

Tgt Ion: 43 Resp: 36006

Ion Ratio Lower Upper

43 100

58 15.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

15000

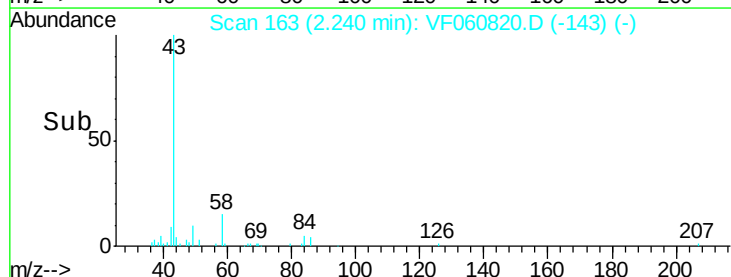
10000

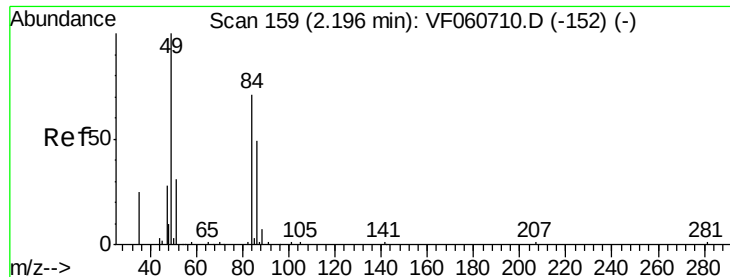
5000

0

Time-->

2.10 2.20 2.30 2.40

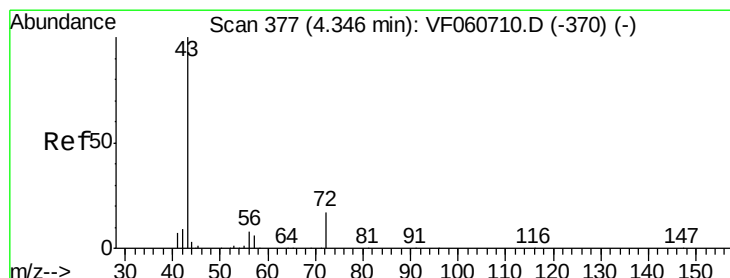
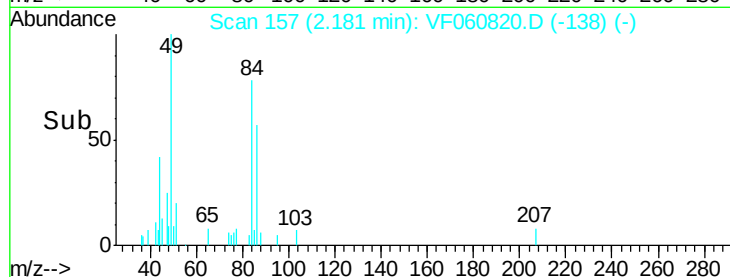
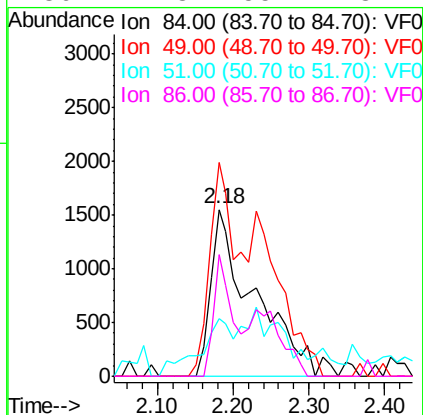
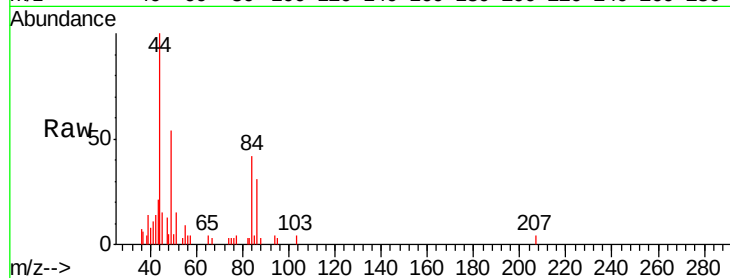




#20
Methylene Chloride
Concen: 1.64 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

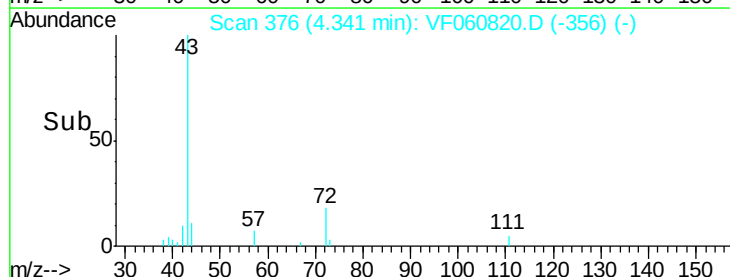
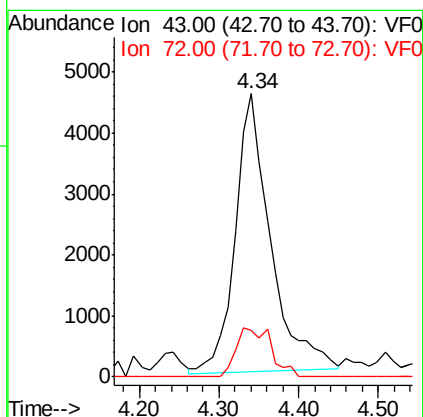
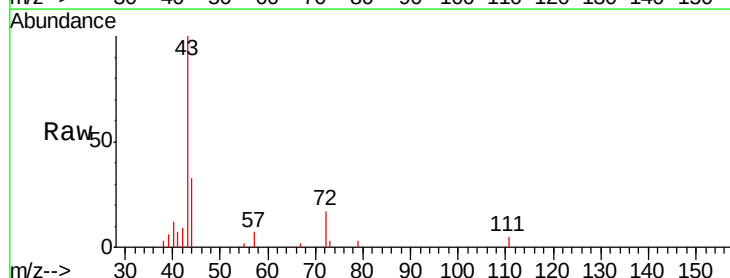
Instrument :
MSVOA_F
ClientSampleId :
MMTW-03(8-10)

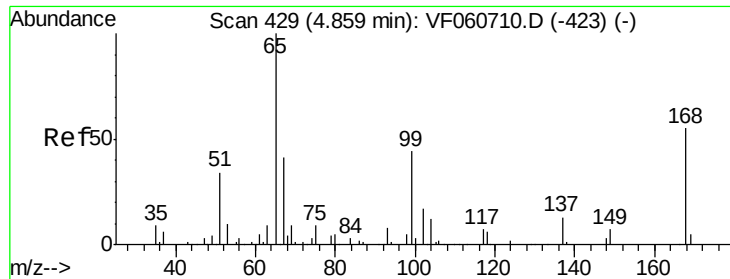
Tgt Ion: 84 Resp: 6276
Ion Ratio Lower Upper
84 100
49 128.3 120.2 180.4
51 34.8 37.2 55.8#
86 72.8 55.1 82.7



#25
2-Butanone
Concen: 20.04 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion: 43 Resp: 14136
Ion Ratio Lower Upper
43 100
72 16.6 16.1 24.1

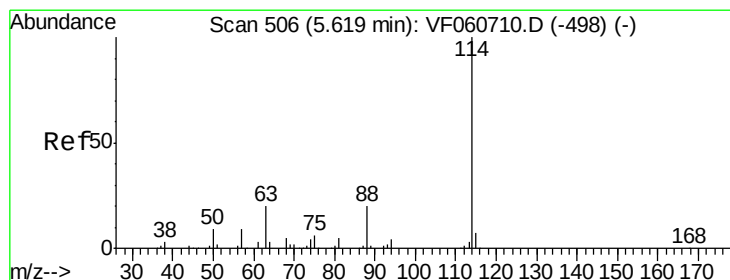
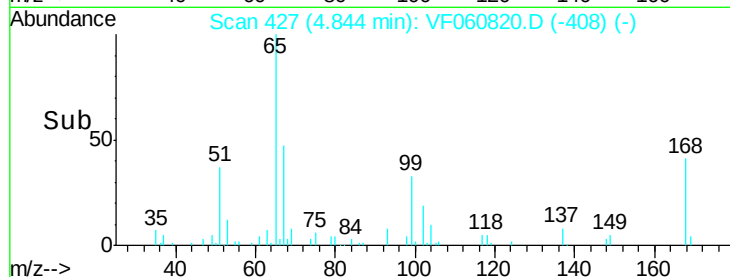
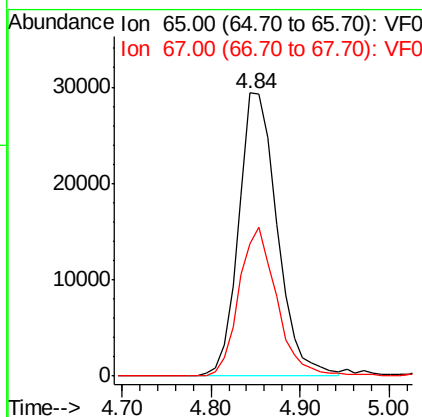
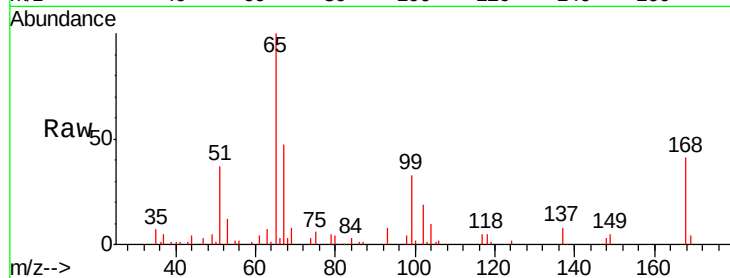




#33
 1,2-Dichloroethane-d4
 Concen: 44.03 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

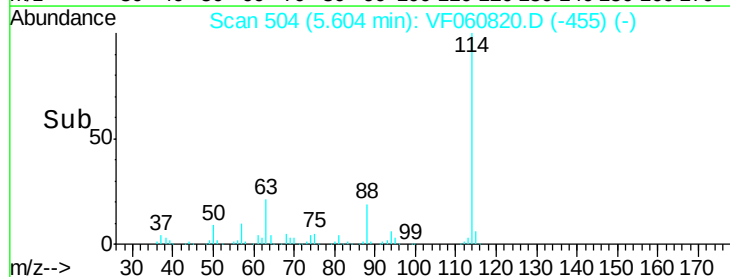
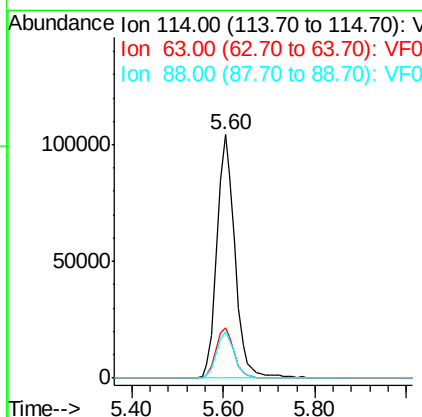
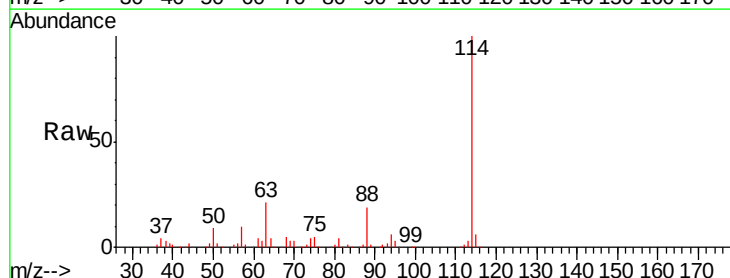
Instrument :
 MSVOA_F
 ClientSampleId :
 MMTW-03(8-10)

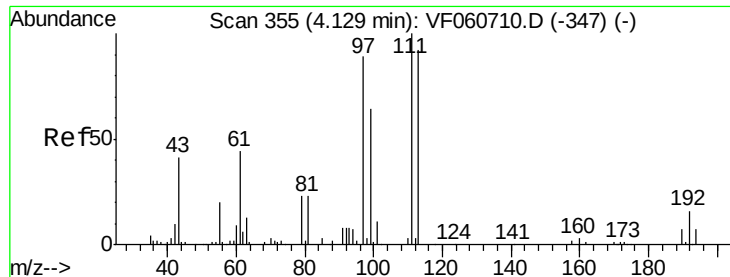
Tgt Ion: 65 Resp: 88347
 Ion Ratio Lower Upper
 65 100
 67 46.9 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

Tgt Ion: 114 Resp: 280731
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 19.0 0.0 39.6

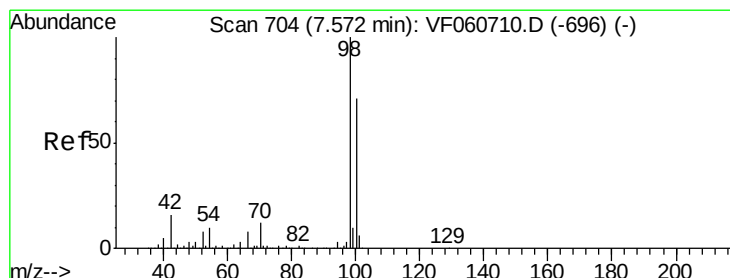
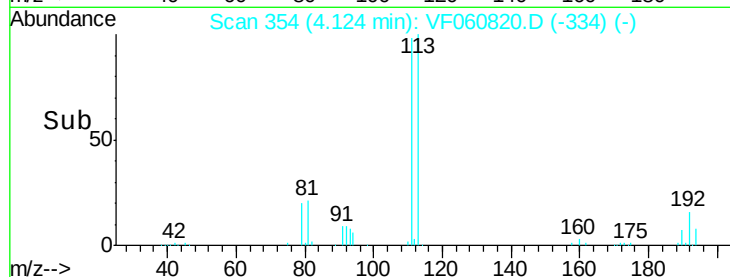
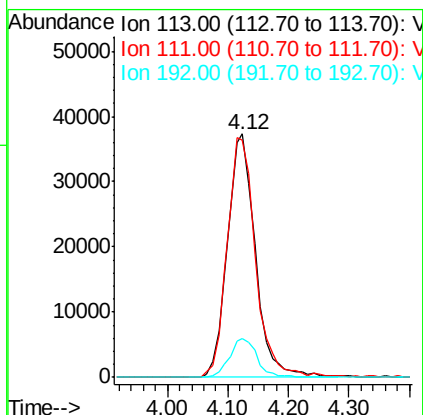
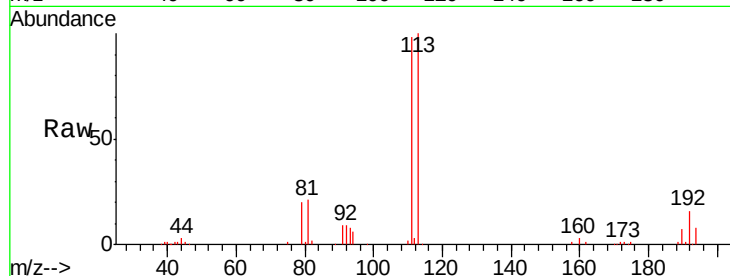




#35
 Dibromofluoromethane
 Concen: 56.62 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

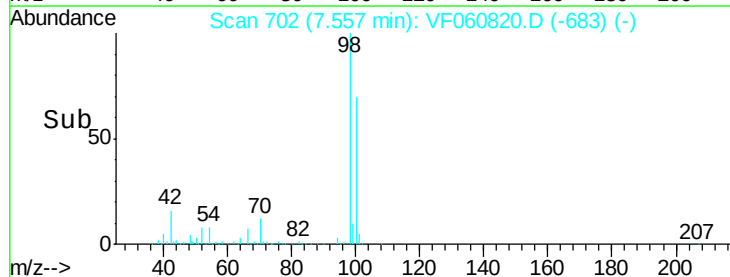
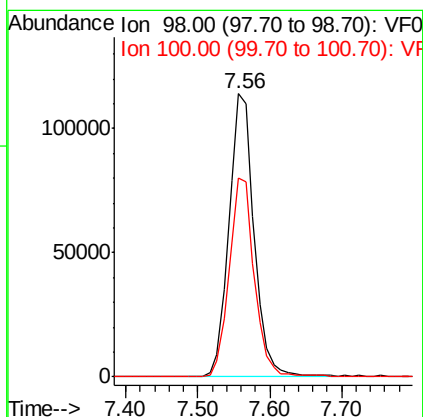
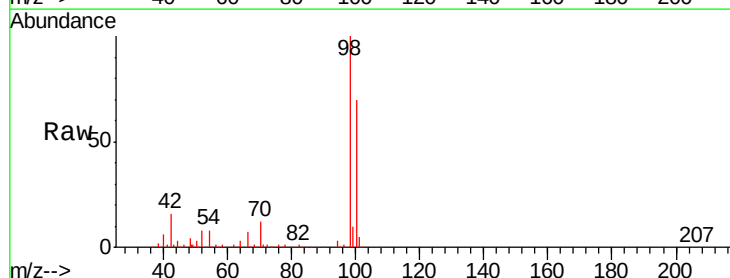
Instrument :
 MSVOA_F
 ClientSampleId :
 MMTW-03(8-10)

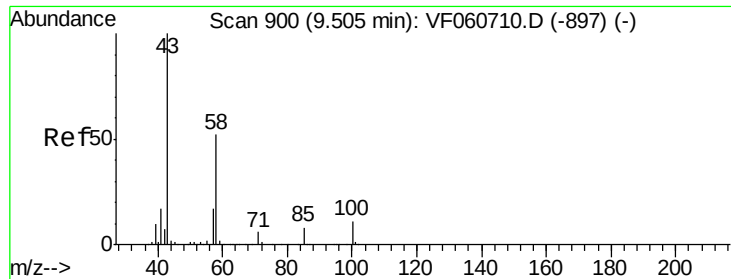
Tgt Ion:113 Resp: 119476
 Ion Ratio Lower Upper
 113 100
 111 97.6 87.1 130.7
 192 15.9 13.8 20.6



#50
 Toluene-d8
 Concen: 51.29 ug/l
 RT: 7.56 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

Tgt Ion: 98 Resp: 277232
 Ion Ratio Lower Upper
 98 100
 100 70.1 56.5 84.7

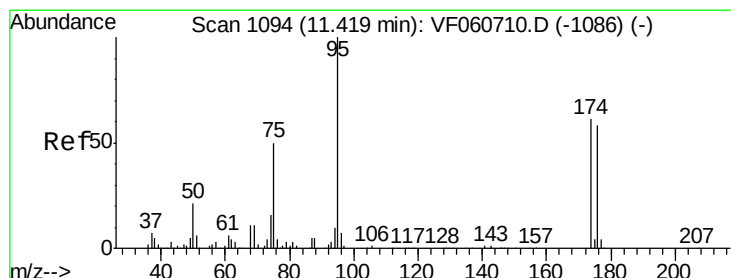
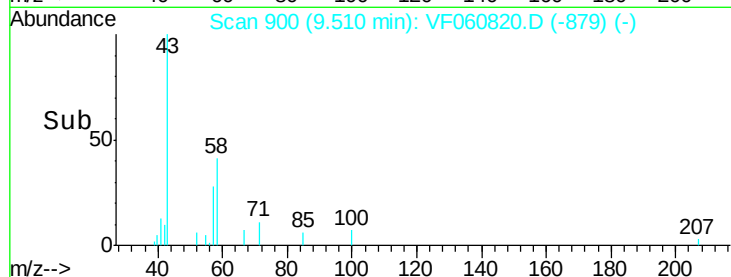
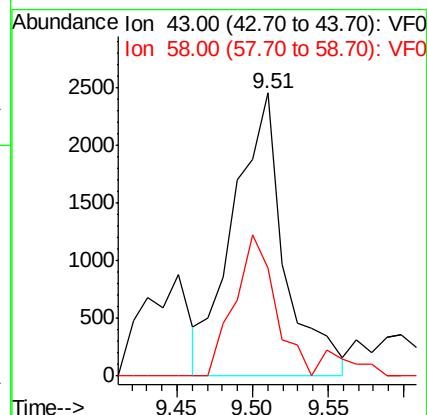
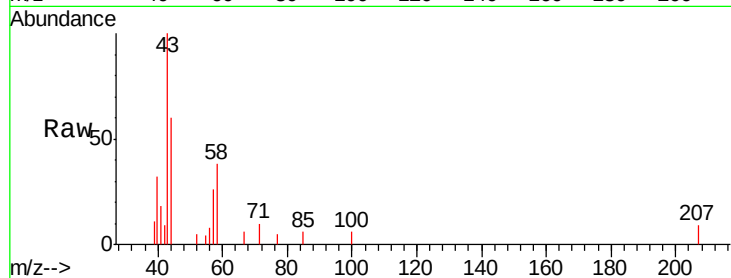




#59
 2-Hexanone
 Concen: 7.07 ug/l
 RT: 9.51 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

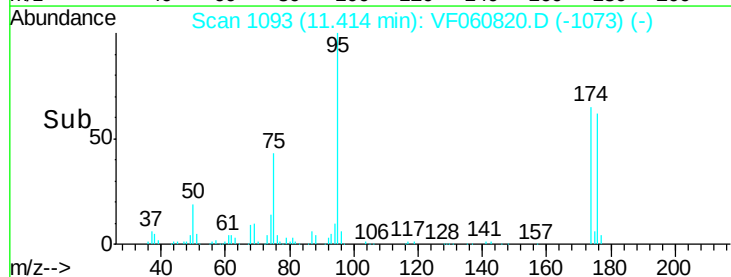
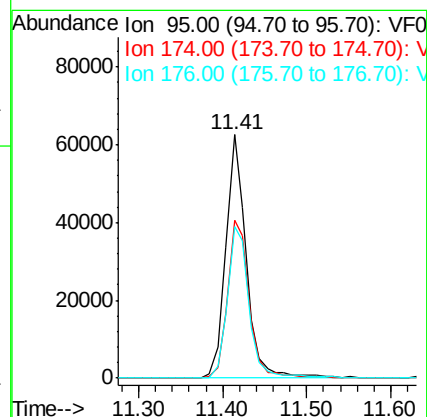
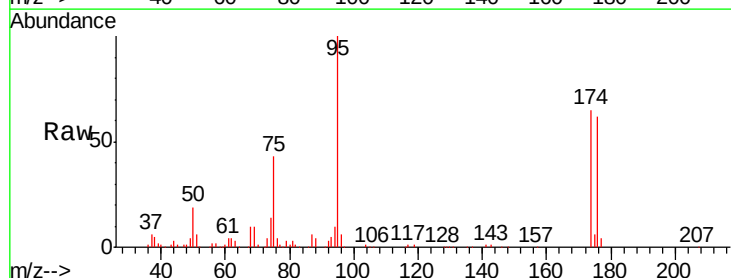
Instrument :
 MSVOA_F
 ClientSampleId :
 MMTW-03(8-10)

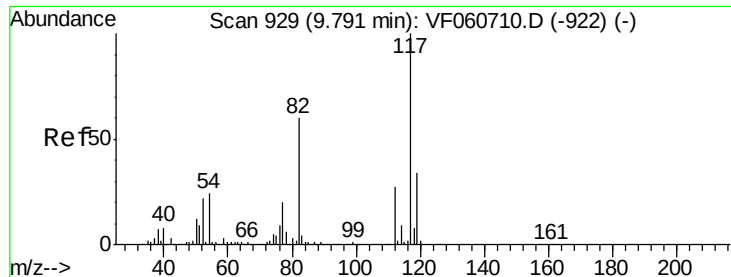
Tgt Ion: 43 Resp: 5765
 Ion Ratio Lower Upper
 43 100
 58 37.9 24.9 74.7



#62
 4-Bromofluorobenzene
 Concen: 41.62 ug/l
 RT: 11.41 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VF060820.D
 Acq: 20 Nov 2018 23:28

Tgt Ion: 95 Resp: 105638
 Ion Ratio Lower Upper
 95 100
 174 64.8 0.0 121.6
 176 62.3 0.0 115.2

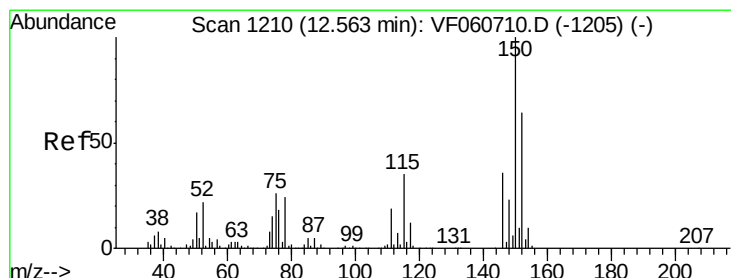
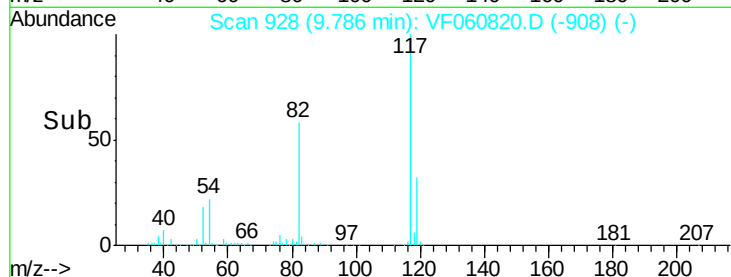
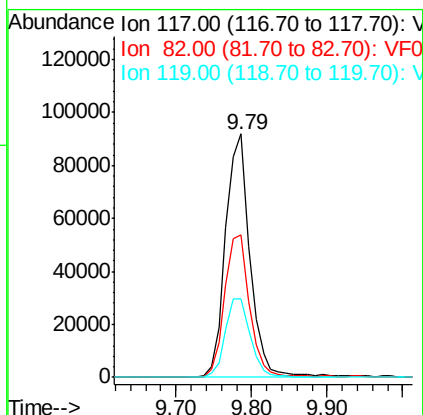
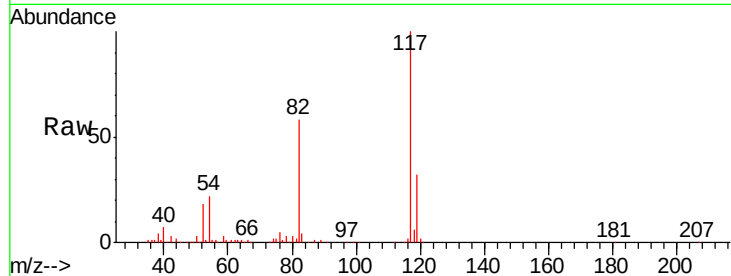




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

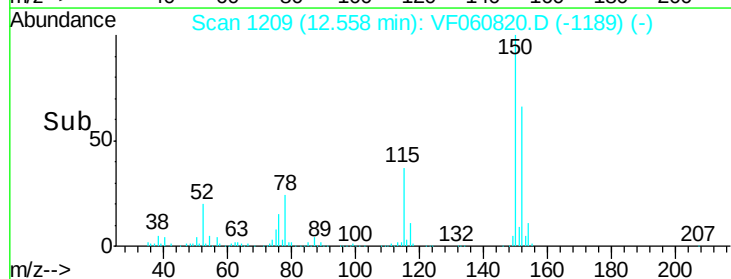
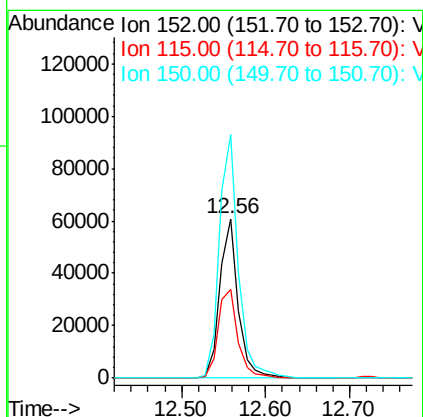
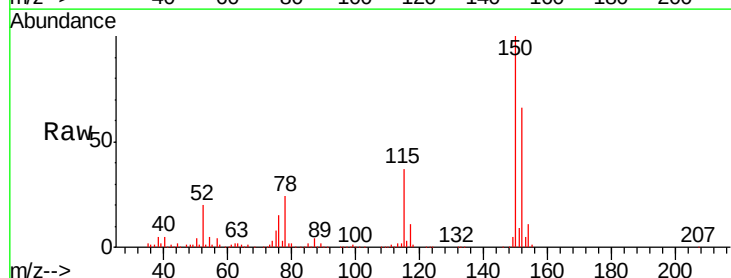
Instrument :
MSVOA_F
ClientSampleId :
MMTW-03(8-10)

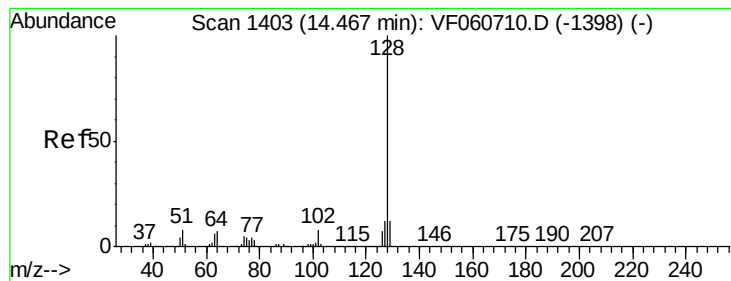
Tgt Ion:117 Resp: 206681
Ion Ratio Lower Upper
117 100
82 58.4 47.9 71.9
119 32.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060820.D
Acq: 20 Nov 2018 23:28

Tgt Ion:152 Resp: 92773
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 152.5 0.0 316.4





#95

Naphthalene

Concen: 3.65 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF060820.D

Acq: 20 Nov 2018 23:28

Instrument :

MSVOA_F

ClientSampleId :

MMTW-03(8-10)

Tgt Ion:128 Resp: 13943

Ion Ratio Lower Upper

128 100

127 13.3 9.8 14.6

129 10.0 9.3 13.9

