

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060811.D
 Acq On : 20 Nov 2018 19:10
 Operator : VA/AP
 Sample : J5952-04RE
 Misc : 3.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VTW-02(4-6)RE

Quant Time: Nov 21 03:12:55 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	4.88	168	152091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	224717	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	111412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	14443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	80484	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	4.11	113	95993	56.83	ug/l	-0.02
Spiked Amount			Recovery	=	113.66%	
50) Toluene-d8	7.56	98	198305	45.41	ug/l	-0.01
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	11.41	95	30027	11.94	ug/l	0.00
Spiked Amount			Recovery	=	23.88%	

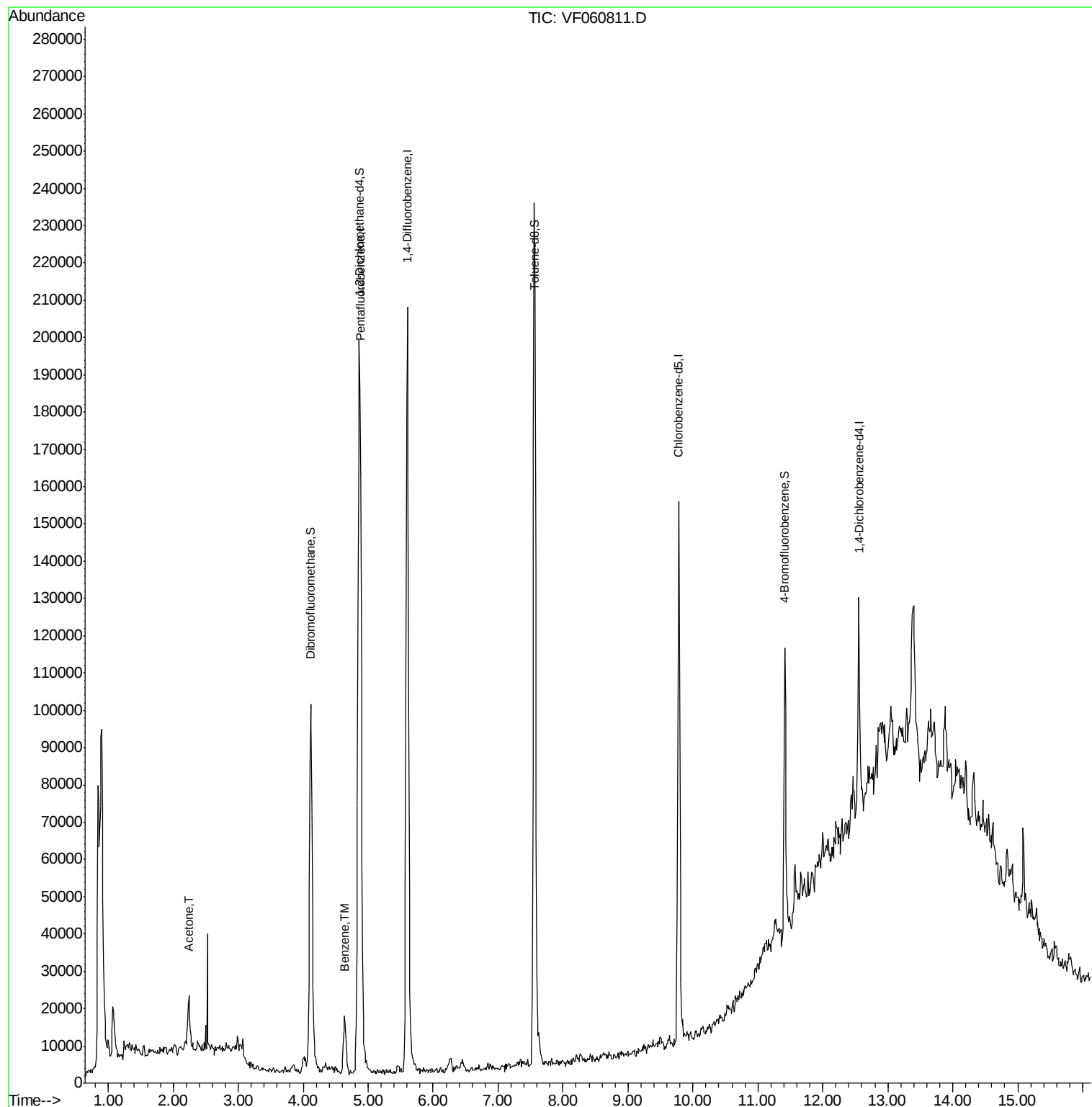
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.24	43	22475	60.61	ug/l	100
40) Benzene	4.64	78	18006	3.10	ug/l	# 88

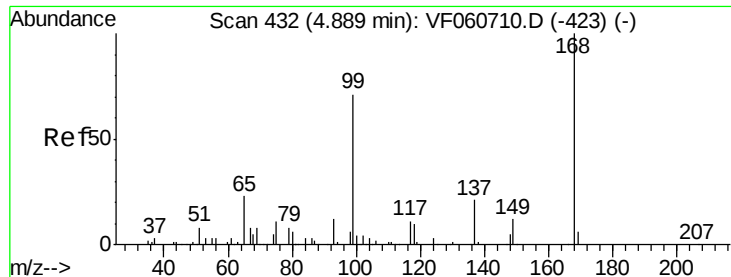
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060811.D
Acq On : 20 Nov 2018 19:10
Operator : VA/AP
Sample : J5952-04RE
Misc : 3.46g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VTW-02(4-6)RE

Quant Time: Nov 21 03:12:55 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: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

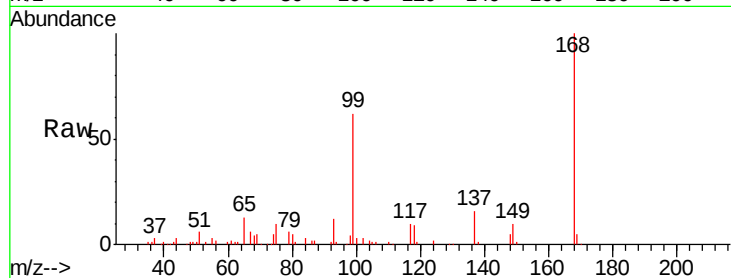
Instrument :
MSVOA_F
ClientSampleId :
VTW-02(4-6)RE

Tgt Ion:168 Resp: 152091

Ion Ratio Lower Upper

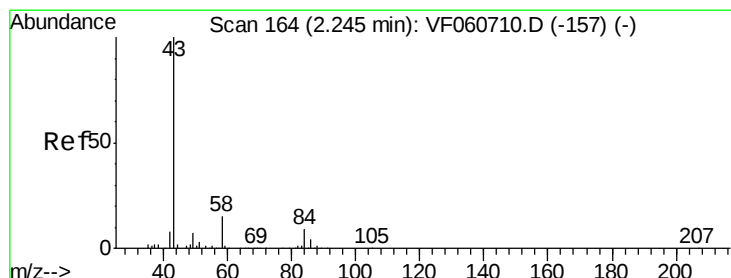
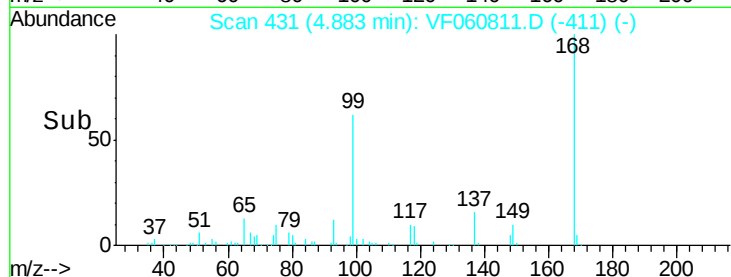
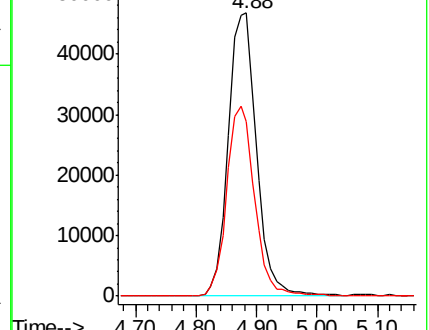
168 100

99 61.7 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 60.61 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060811.D

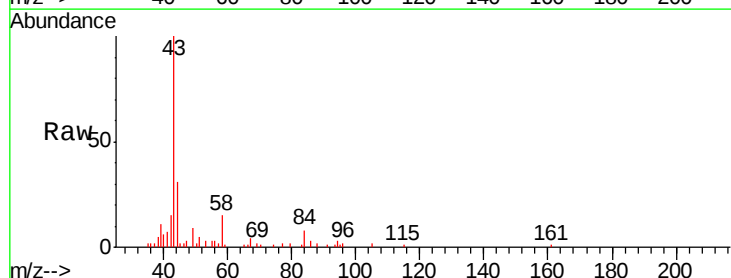
Acq: 20 Nov 2018 19:10

Tgt Ion: 43 Resp: 22475

Ion Ratio Lower Upper

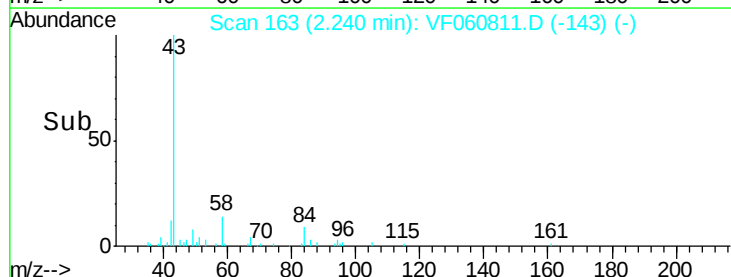
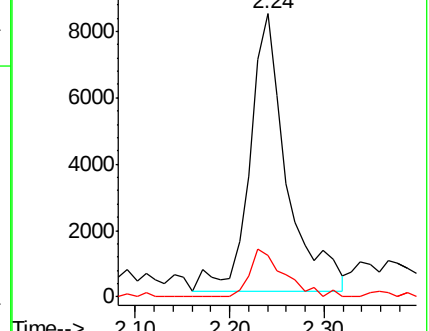
43 100

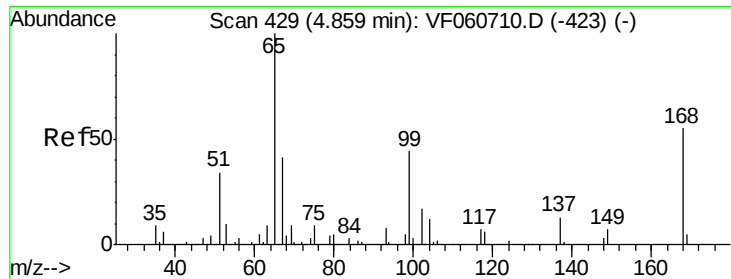
58 14.6 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

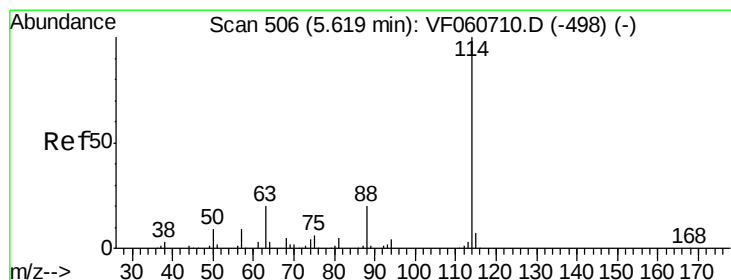
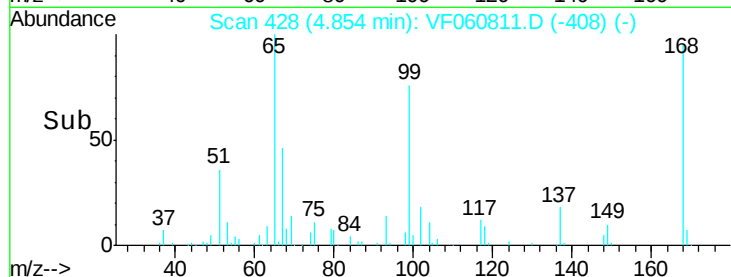
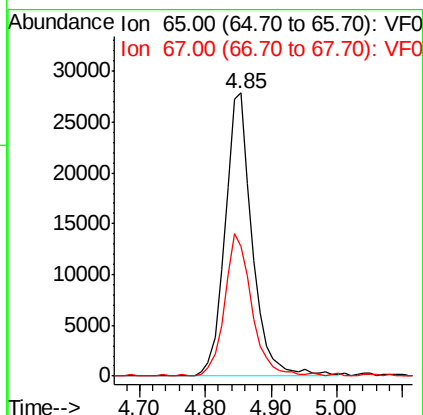
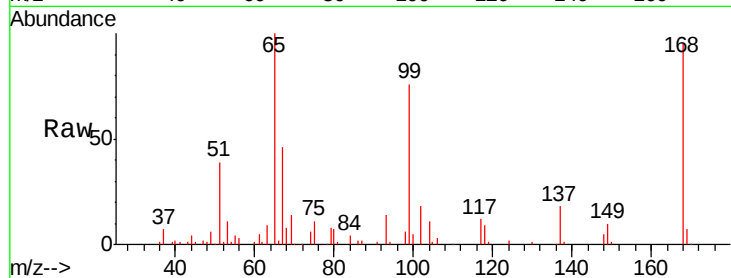




#33
 1,2-Dichloroethane-d4
 Concen: 46.39 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. -0.01 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

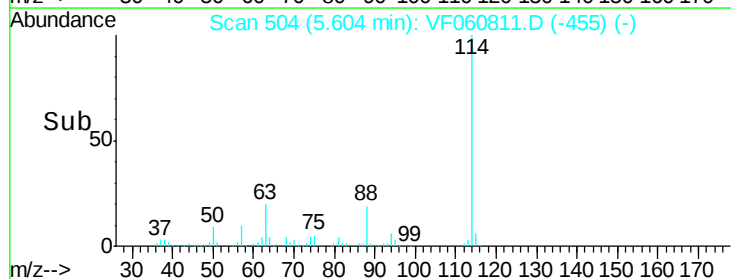
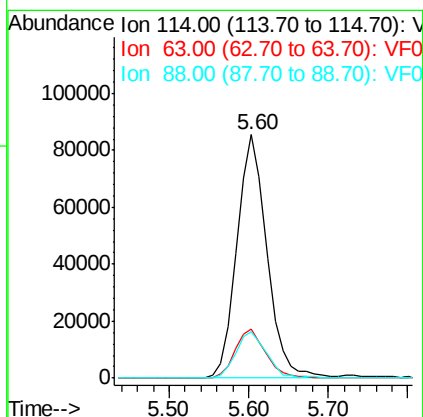
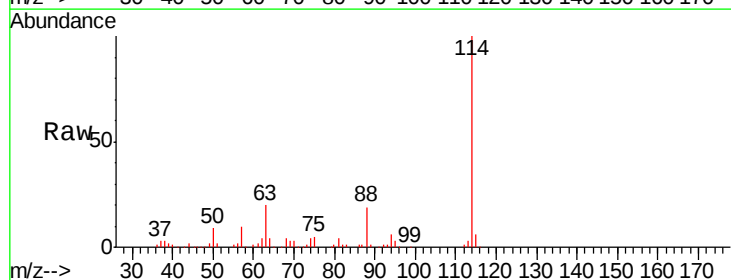
Instrument :
 MSVOA_F
 ClientSampleId :
 VTW-02(4-6)RE

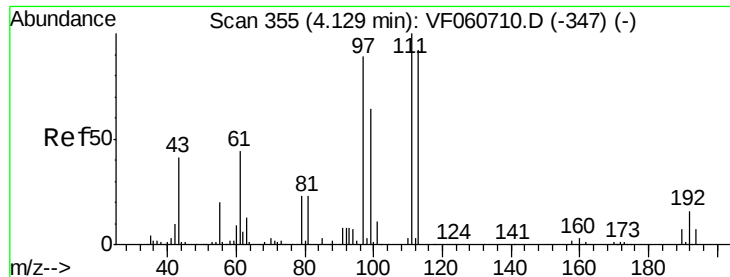
Tgt Ion: 65 Resp: 80484
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.02 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

Tgt Ion: 114 Resp: 224717
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 19.2 0.0 39.6

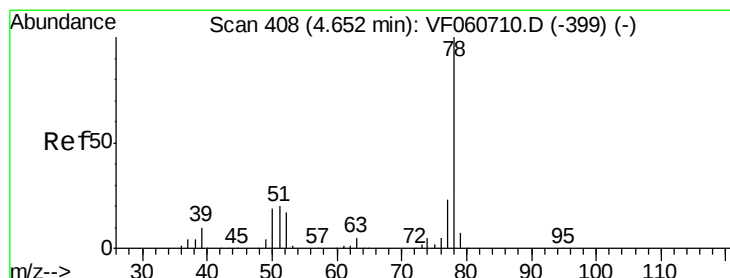
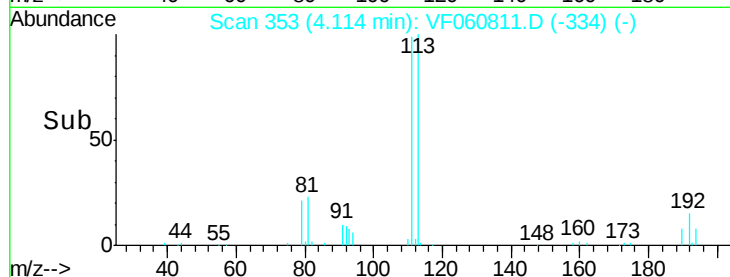
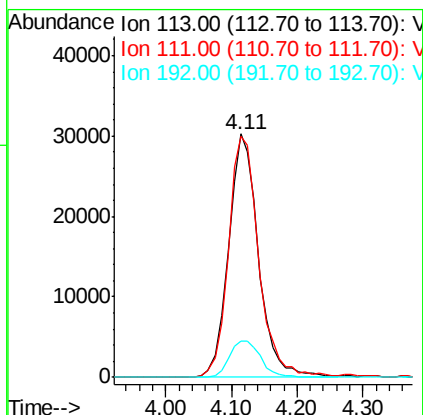
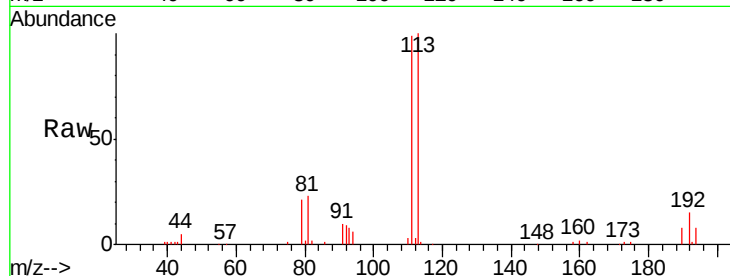




#35
 Dibromofluoromethane
 Concen: 56.83 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

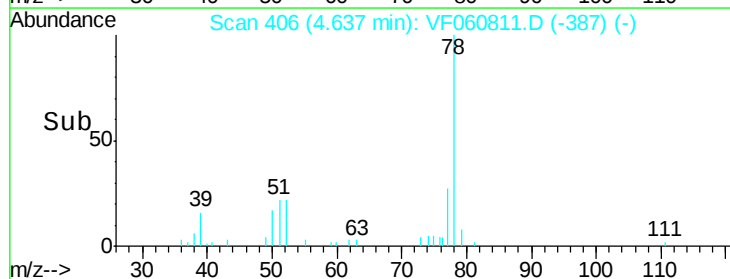
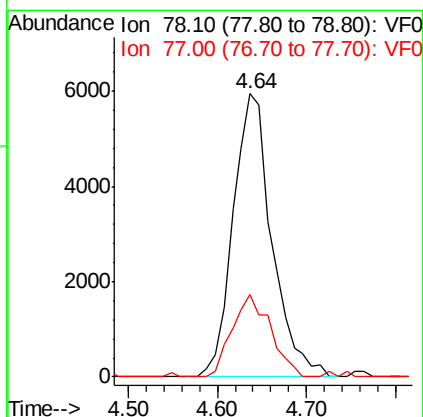
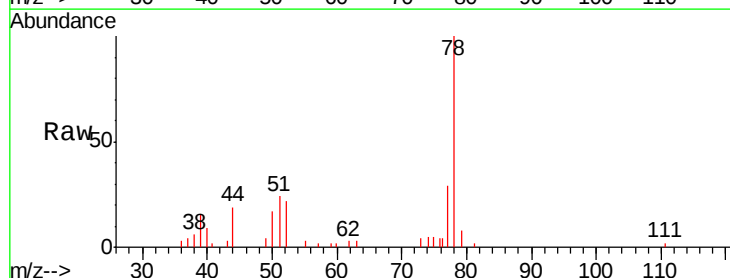
Instrument :
 MSVOA_F
 ClientSampleId :
 VTW-02(4-6)RE

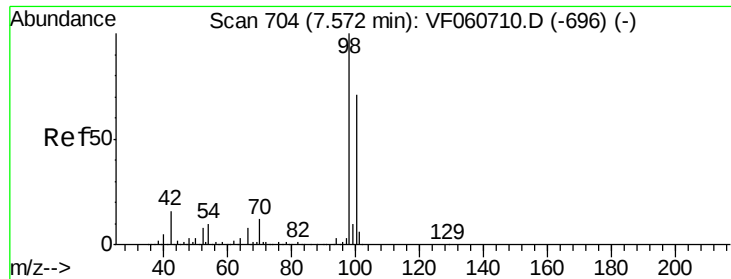
Tgt Ion: 113 Resp: 95993
 Ion Ratio Lower Upper
 113 100
 111 99.0 87.1 130.7
 192 14.8 13.8 20.6



#40
 Benzene
 Concen: 3.10 ug/l
 RT: 4.64 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VF060811.D
 Acq: 20 Nov 2018 19:10

Tgt Ion: 78 Resp: 18006
 Ion Ratio Lower Upper
 78 100
 77 28.9 18.6 28.0#





#50

Toluene-d8

Concen: 45.41 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

Instrument :

MSVOA_F

ClientSampleId :

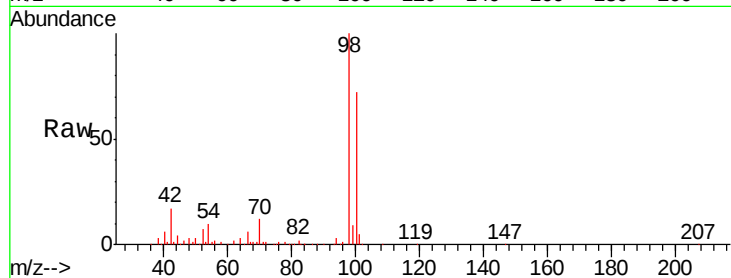
VTW-02(4-6)RE

Tgt Ion: 98 Resp: 198305

Ion Ratio Lower Upper

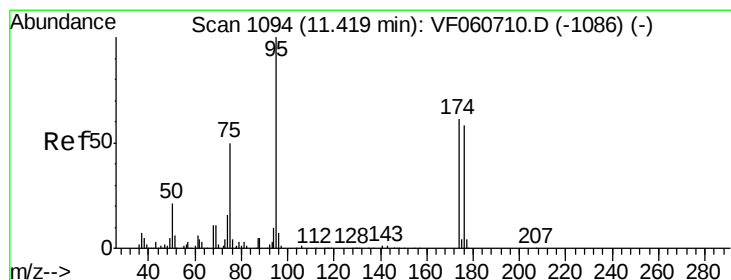
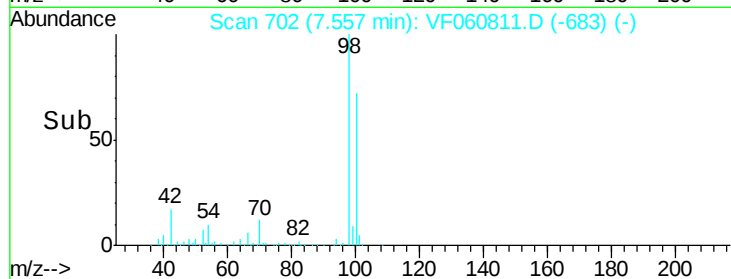
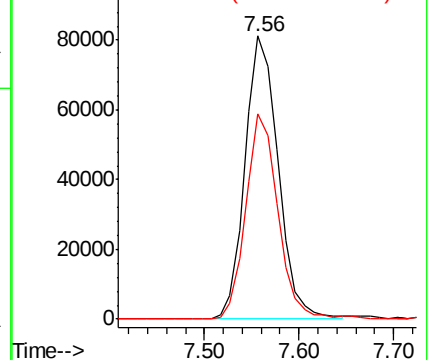
98 100

100 72.4 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 11.94 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF060811.D

Acq: 20 Nov 2018 19:10

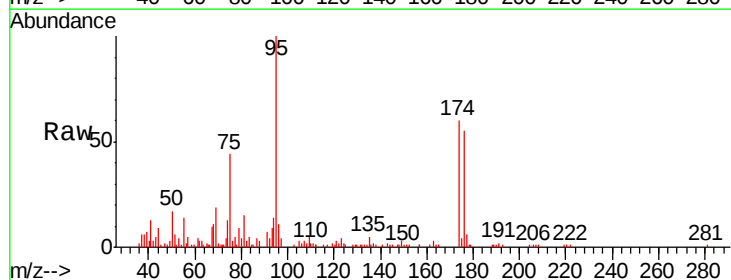
Tgt Ion: 95 Resp: 30027

Ion Ratio Lower Upper

95 100

174 60.0 0.0 121.6

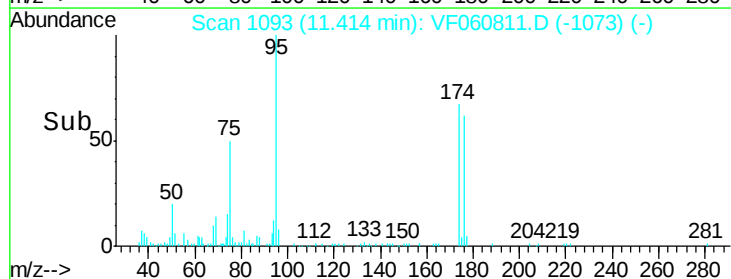
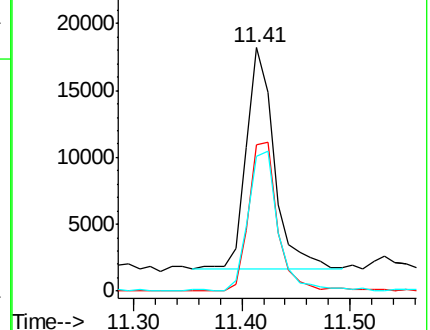
176 55.2 0.0 115.2

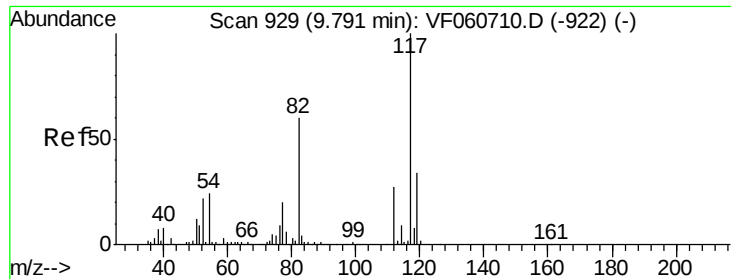


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

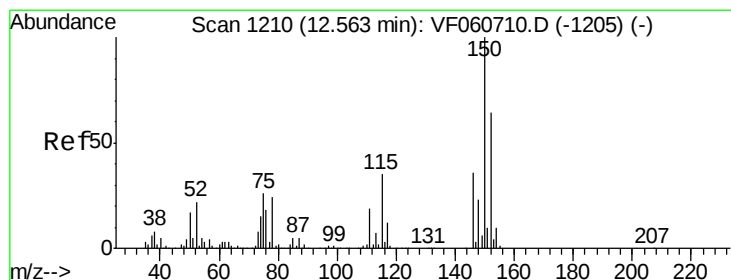
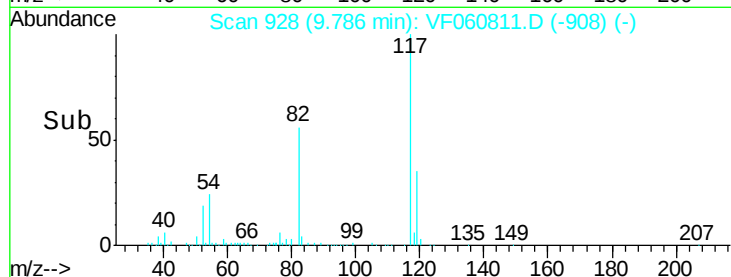
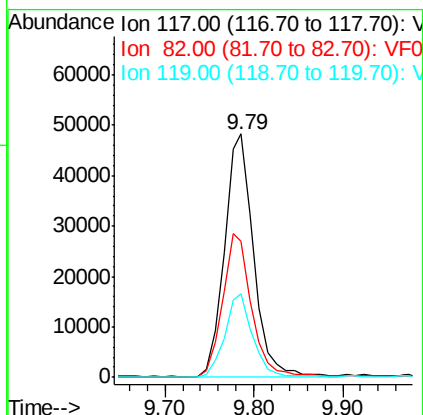
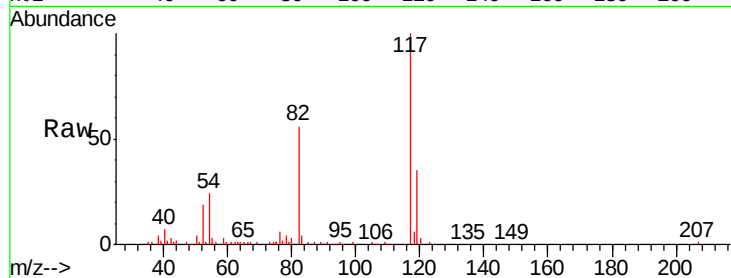




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF060811.D
Acq: 20 Nov 2018 19:10

Instrument :
MSVOA_F
ClientSampleId :
VTW-02(4-6)RE

Tgt Ion:117 Resp: 111412
Ion Ratio Lower Upper
117 100
82 55.8 47.9 71.9
119 34.6 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: VF060811.D
Acq: 20 Nov 2018 19:10

Tgt Ion:152 Resp: 14443
Ion Ratio Lower Upper
152 100
115 62.5 27.9 83.7
150 172.7 0.0 316.4

