

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060752.D
 Acq On : 15 Nov 2018 17:48
 Operator : VA/AP
 Sample : J5942-01
 Misc : 6.38g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-D1

Quant Time: Nov 16 05:38:08 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

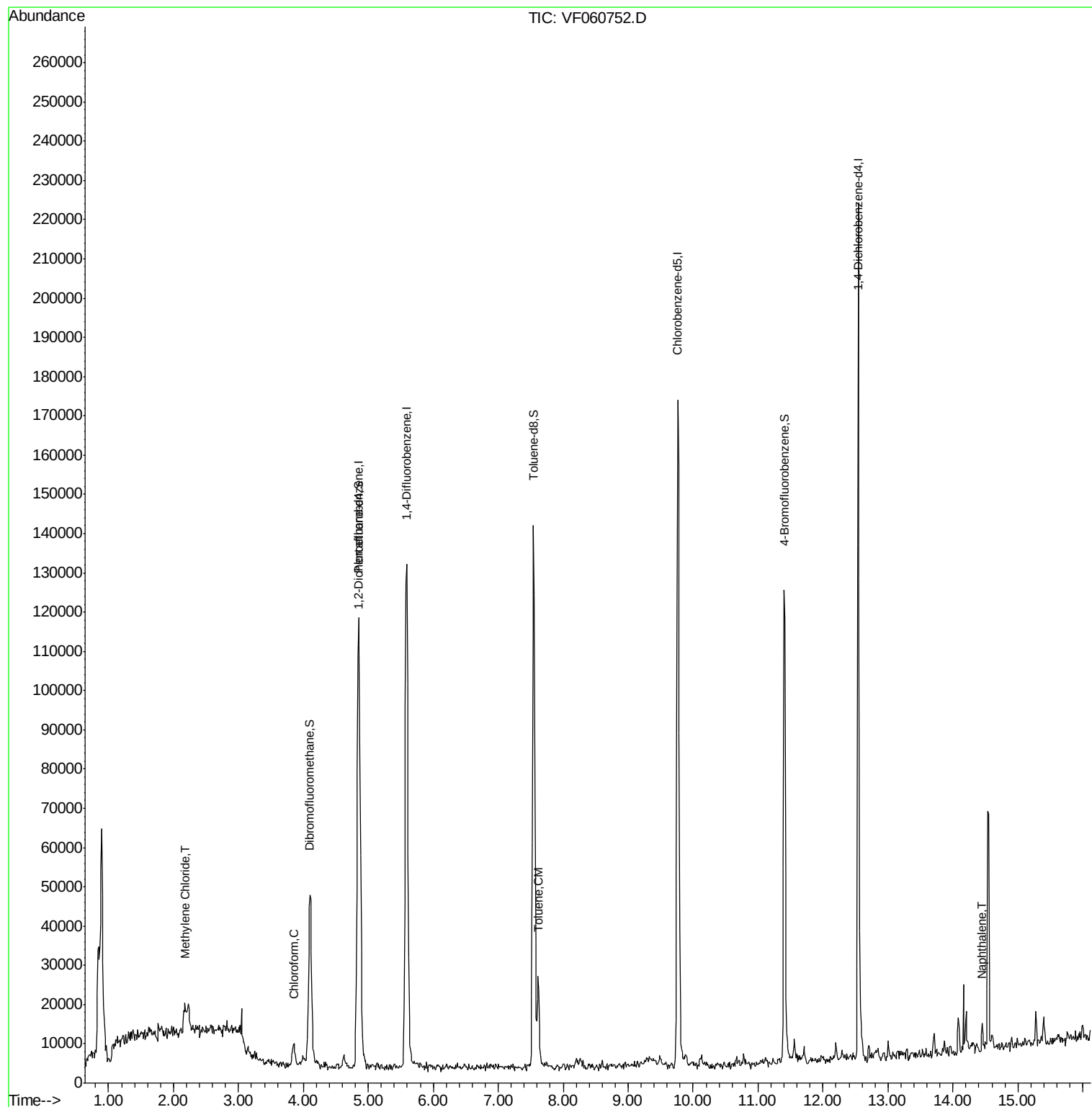
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	94046	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	152705	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	125505	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	52216	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	37982	35.41	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.82%	
35) Dibromofluoromethane	4.11	113	45594	39.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.44%	
50) Toluene-d8	7.54	98	121604	40.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.18%	
62) 4-Bromofluorobenzene	11.40	95	48997	34.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.68%	
Target Compounds						
						Qvalue
20) Methylene Chloride	2.17	84	5911	5.19	ug/l #	74
30) Chloroform	3.86	83	5932	2.35	ug/l #	81
52) Toluene	7.61	92	11374	4.30	ug/l	94
95) Naphthalene	14.45	128	3472	1.61	ug/l #	86

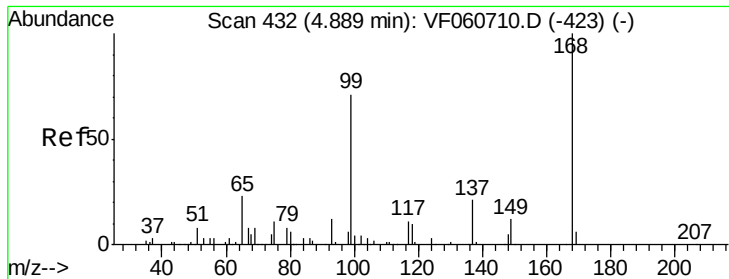
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
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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: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060752.D

Acq: 15 Nov 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

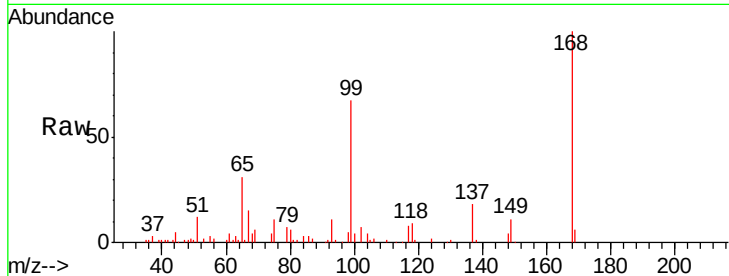
VW-D1

Tgt Ion:168 Resp: 94046

Ion Ratio Lower Upper

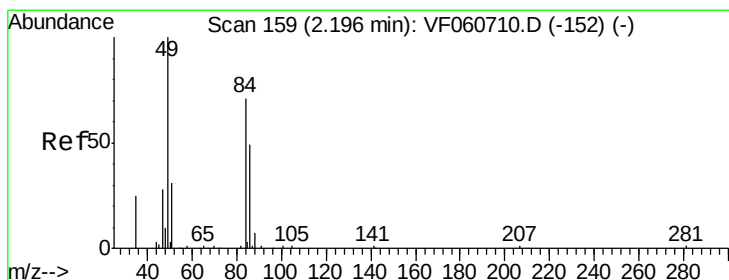
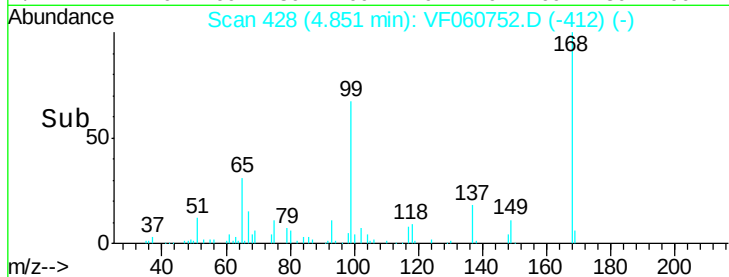
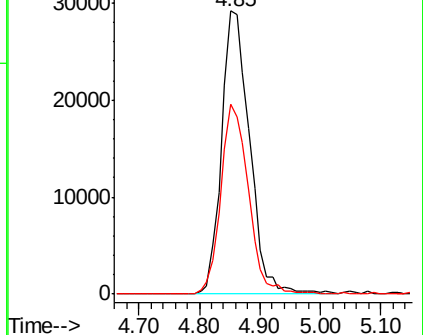
168 100

99 67.3 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.19 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.03 min

Lab File: VF060752.D

Acq: 15 Nov 2018 17:48

Tgt Ion: 84 Resp: 5911

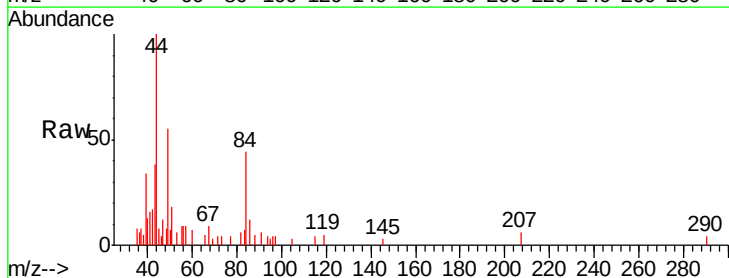
Ion Ratio Lower Upper

84 100

49 124.6 120.2 180.4

51 41.4 37.2 55.8

86 26.4 55.1 82.7#

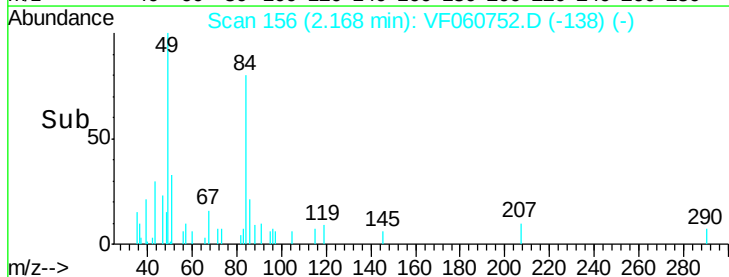
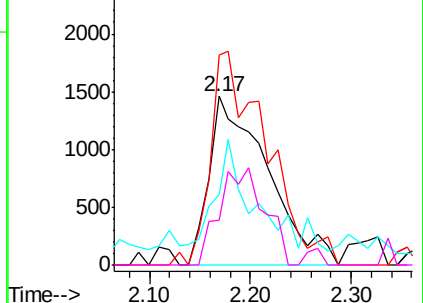


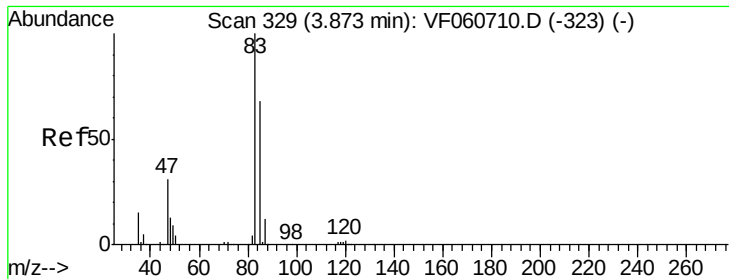
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

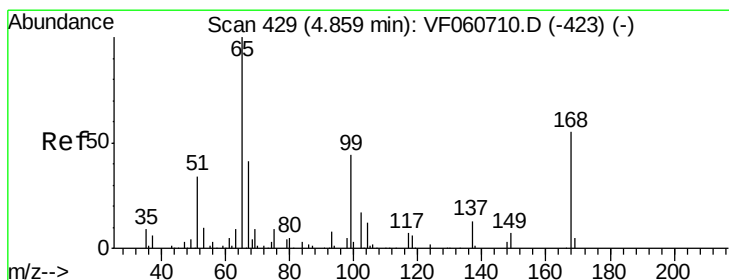
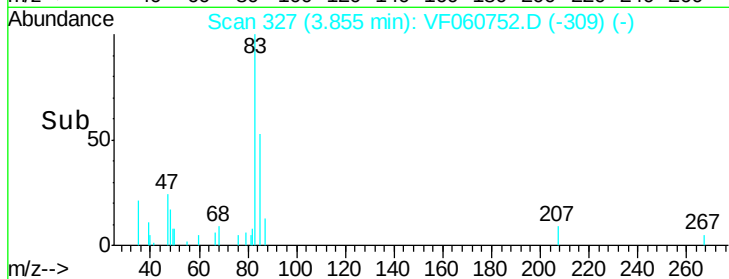
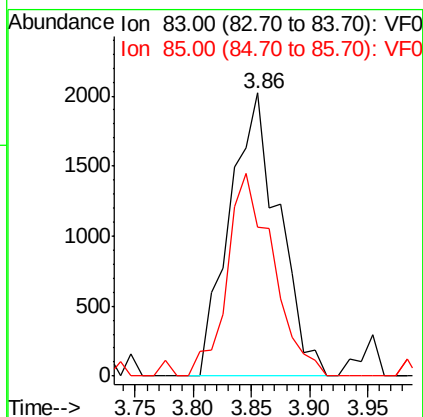
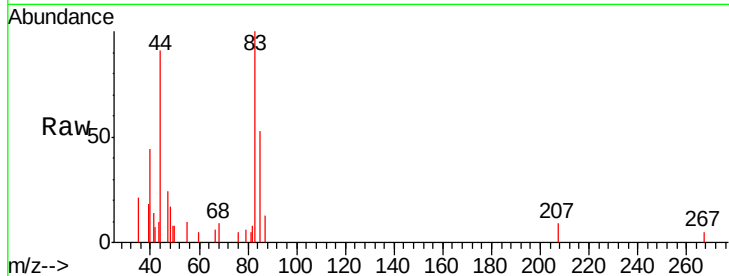




#30
Chloroform
Concen: 2.35 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

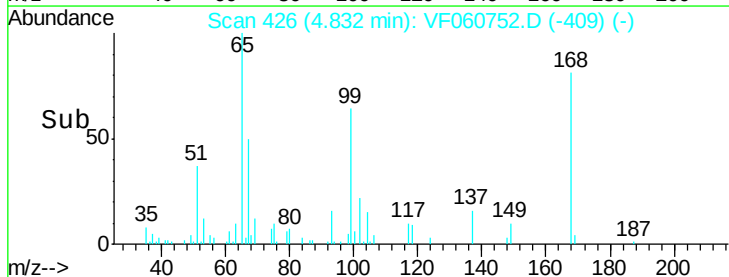
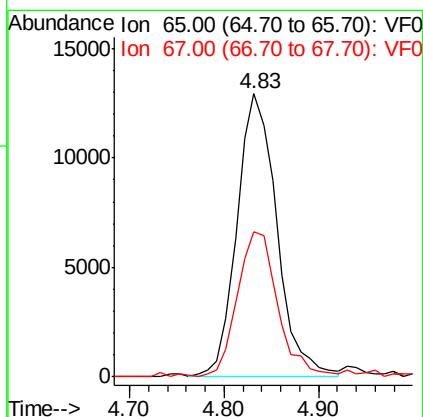
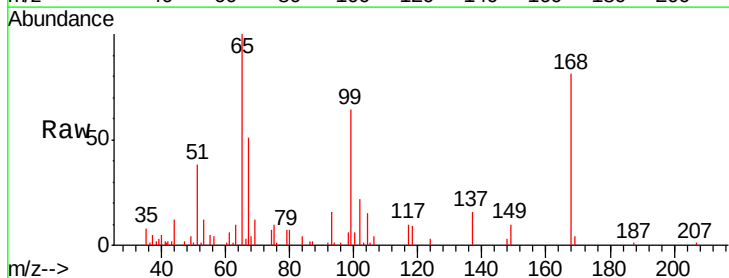
Instrument :
MSVOA_F
ClientSampled :
VW-D1

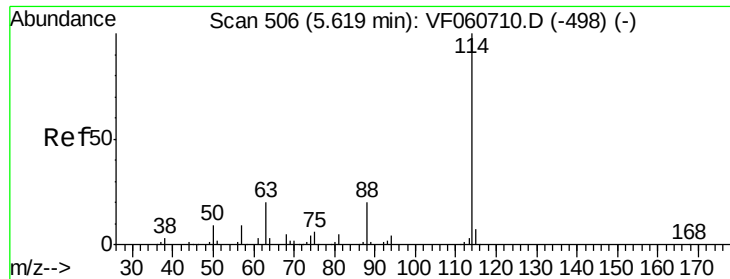
Tgt Ion: 83 Resp: 5932
Ion Ratio Lower Upper
83 100
85 52.7 54.6 82.0#



#33
1,2-Dichloroethane-d4
Concen: 35.41 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

Tgt Ion: 65 Resp: 37982
Ion Ratio Lower Upper
65 100
67 51.4 0.0 90.2

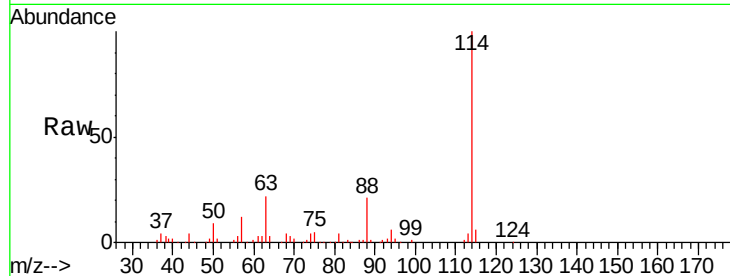




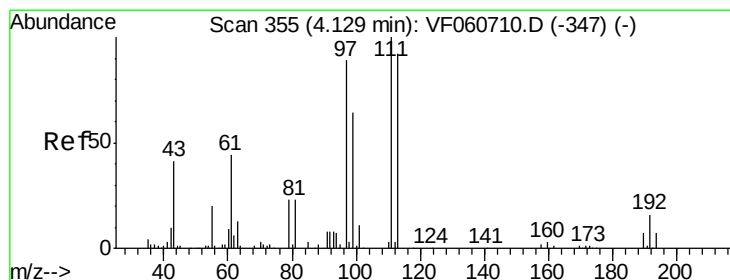
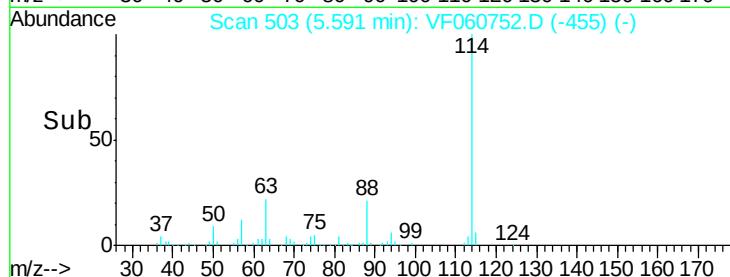
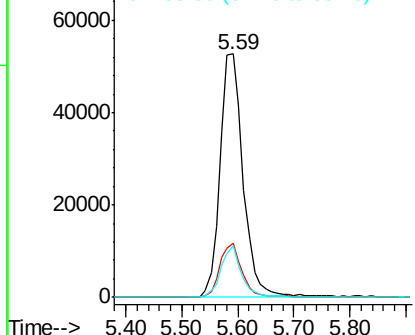
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.03 min
 Lab File: VF060752.D
 Acq: 15 Nov 2018 17:48

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-D1

Tgt Ion:114 Resp: 152705
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 40.8
 88 21.2 0.0 39.6

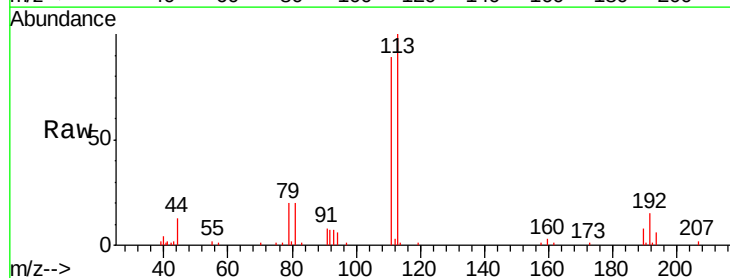


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

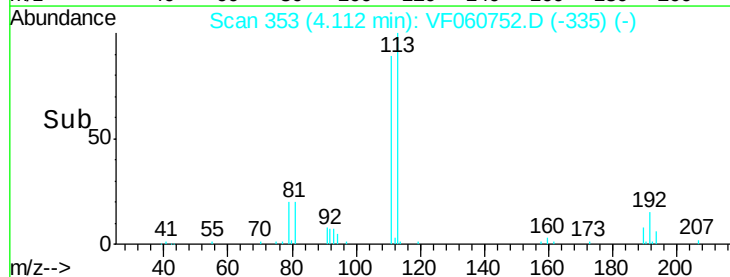
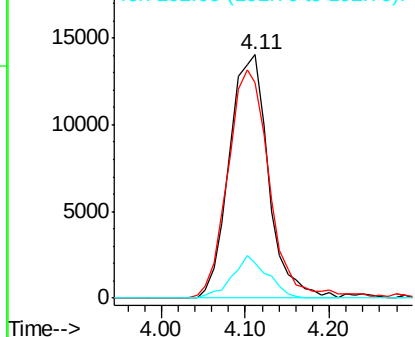


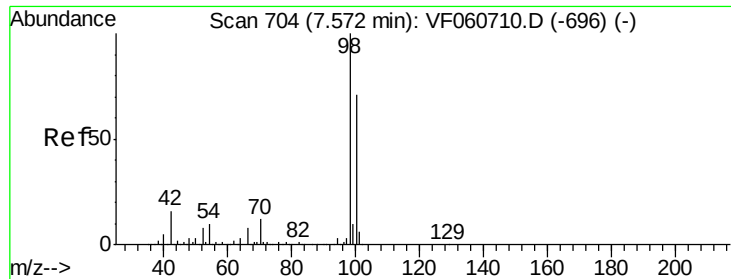
#35
 Dibromofluoromethane
 Concen: 39.72 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VF060752.D
 Acq: 15 Nov 2018 17:48

Tgt Ion:113 Resp: 45594
 Ion Ratio Lower Upper
 113 100
 111 88.7 87.1 130.7
 192 15.4 13.8 20.6



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

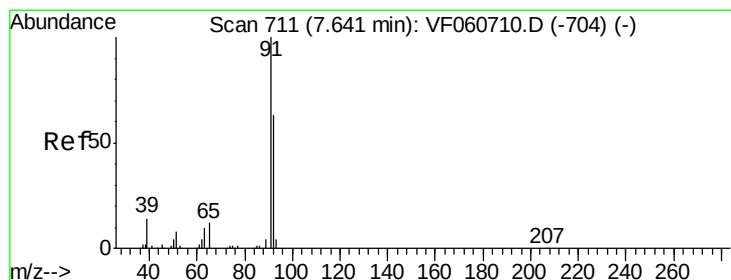
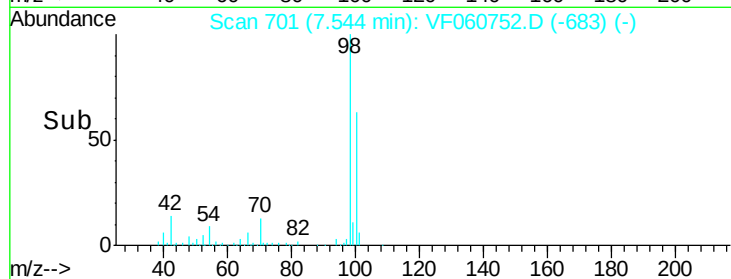
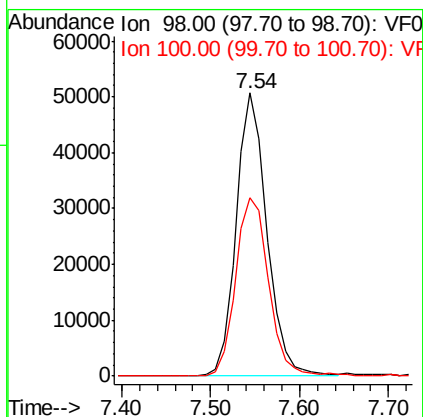
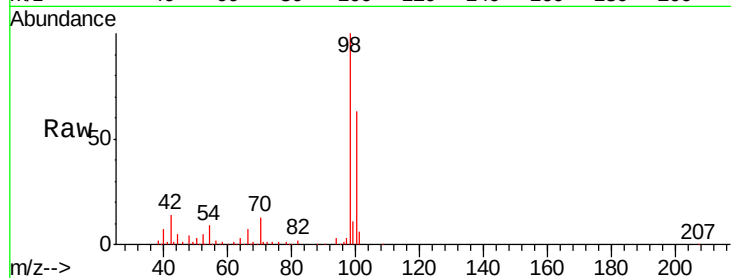




#50
Toluene-d8
Concen: 40.59 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.03 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

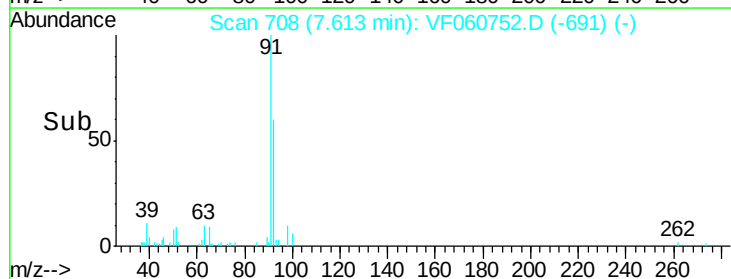
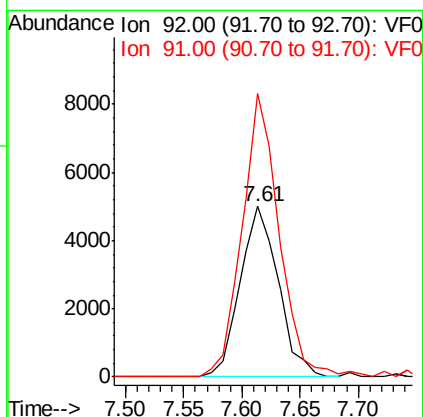
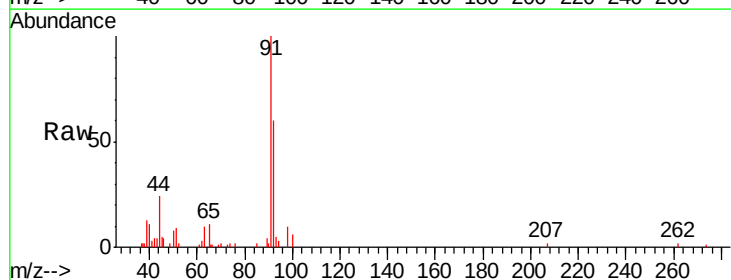
Instrument :
MSVOA_F
ClientSampleId :
VW-D1

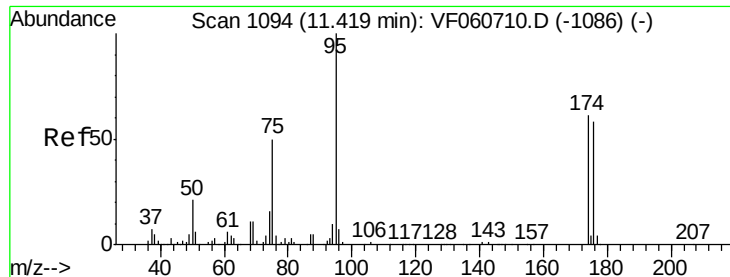
Tgt Ion: 98 Resp: 121604
Ion Ratio Lower Upper
98 100
100 63.1 56.5 84.7



#52
Toluene
Concen: 4.30 ug/l
RT: 7.61 min Scan# 708
Delta R.T. -0.03 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

Tgt Ion: 92 Resp: 11374
Ion Ratio Lower Upper
92 100
91 165.9 126.7 190.1

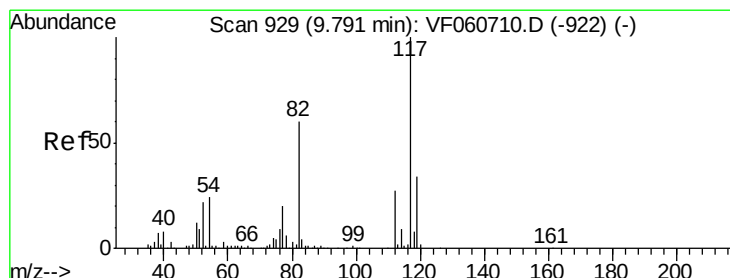
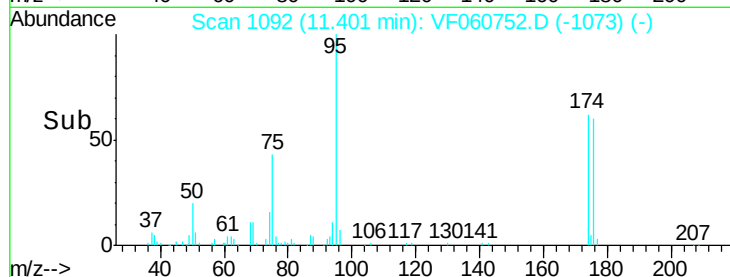
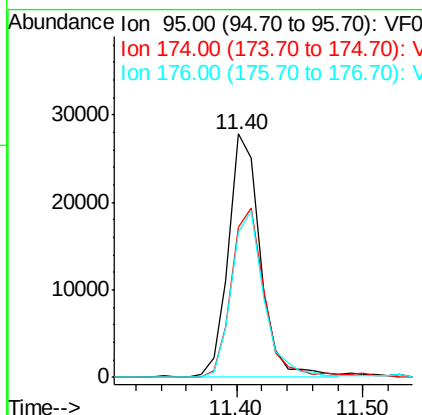
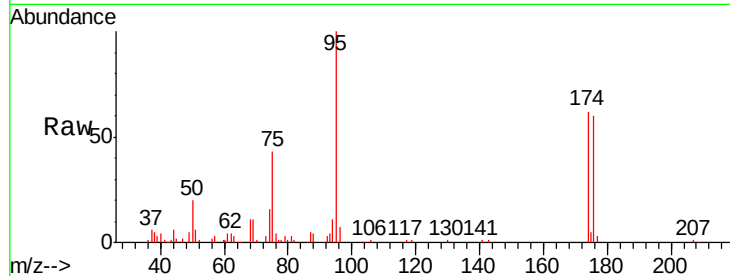




#62
4-Bromofluorobenzene
Concen: 34.84 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

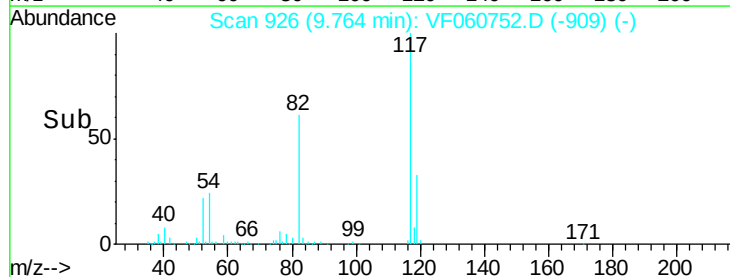
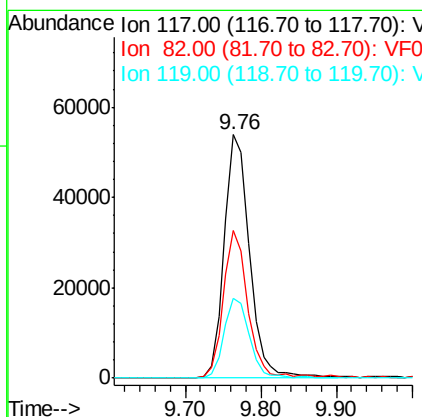
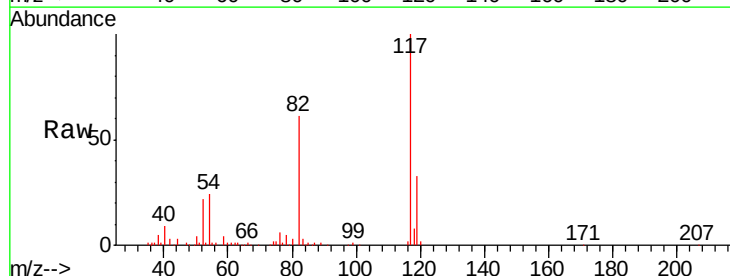
Instrument :
MSVOA_F
ClientSampled :
VW-D1

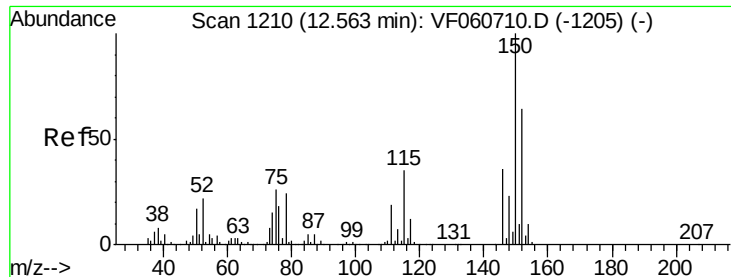
Tgt Ion: 95 Resp: 48997
Ion Ratio Lower Upper
95 100
174 61.5 0.0 121.6
176 59.7 0.0 115.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060752.D
Acq: 15 Nov 2018 17:48

Tgt Ion: 117 Resp: 125505
Ion Ratio Lower Upper
117 100
82 60.8 47.9 71.9
119 32.7 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF060752.D

Acq: 15 Nov 2018 17:48

Instrument :

MSVOA_F

ClientSampleId :

VW-D1

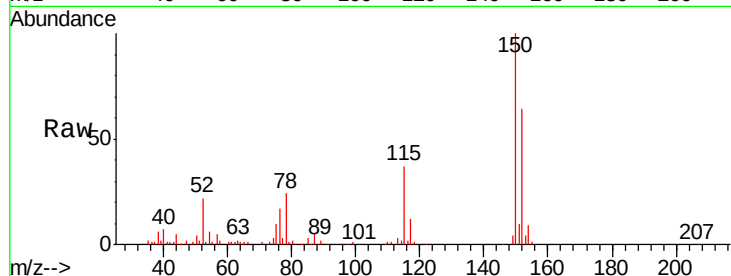
Tgt Ion:152 Resp: 52216

Ion Ratio Lower Upper

152 100

115 58.9 27.9 83.7

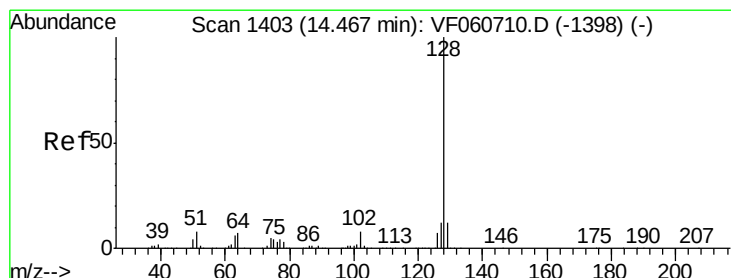
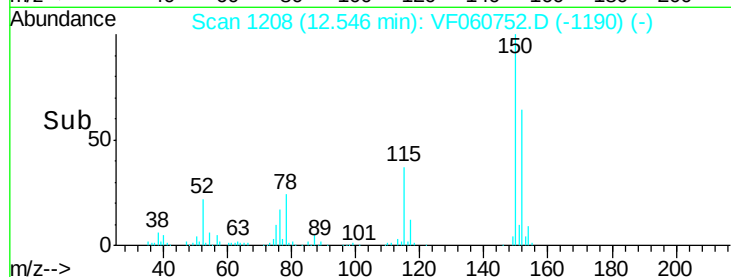
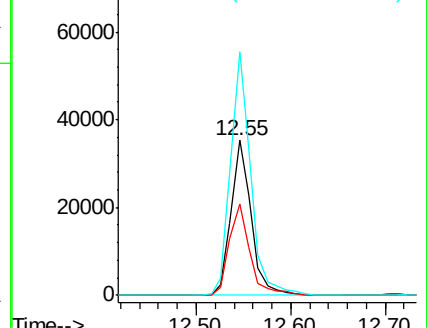
150 157.2 0.0 316.4



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: 1.61 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF060752.D

Acq: 15 Nov 2018 17:48

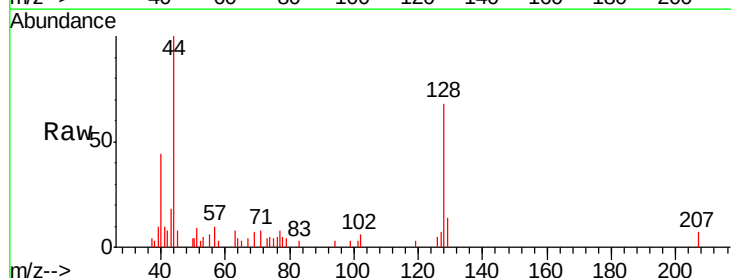
Tgt Ion:128 Resp: 3472

Ion Ratio Lower Upper

128 100

127 10.7 9.8 14.6

129 21.1 9.3 13.9#



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

