

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060803.D
 Acq On : 20 Nov 2018 14:16
 Operator : VA/AP
 Sample : VF1120SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBL01

Quant Time: Nov 20 17:06:23 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	207433	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	358127	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.79	117	318744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	189913	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	112848	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	4.12	113	139623	51.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.74%	
50) Toluene-d8	7.57	98	332999	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.41	95	173398	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	

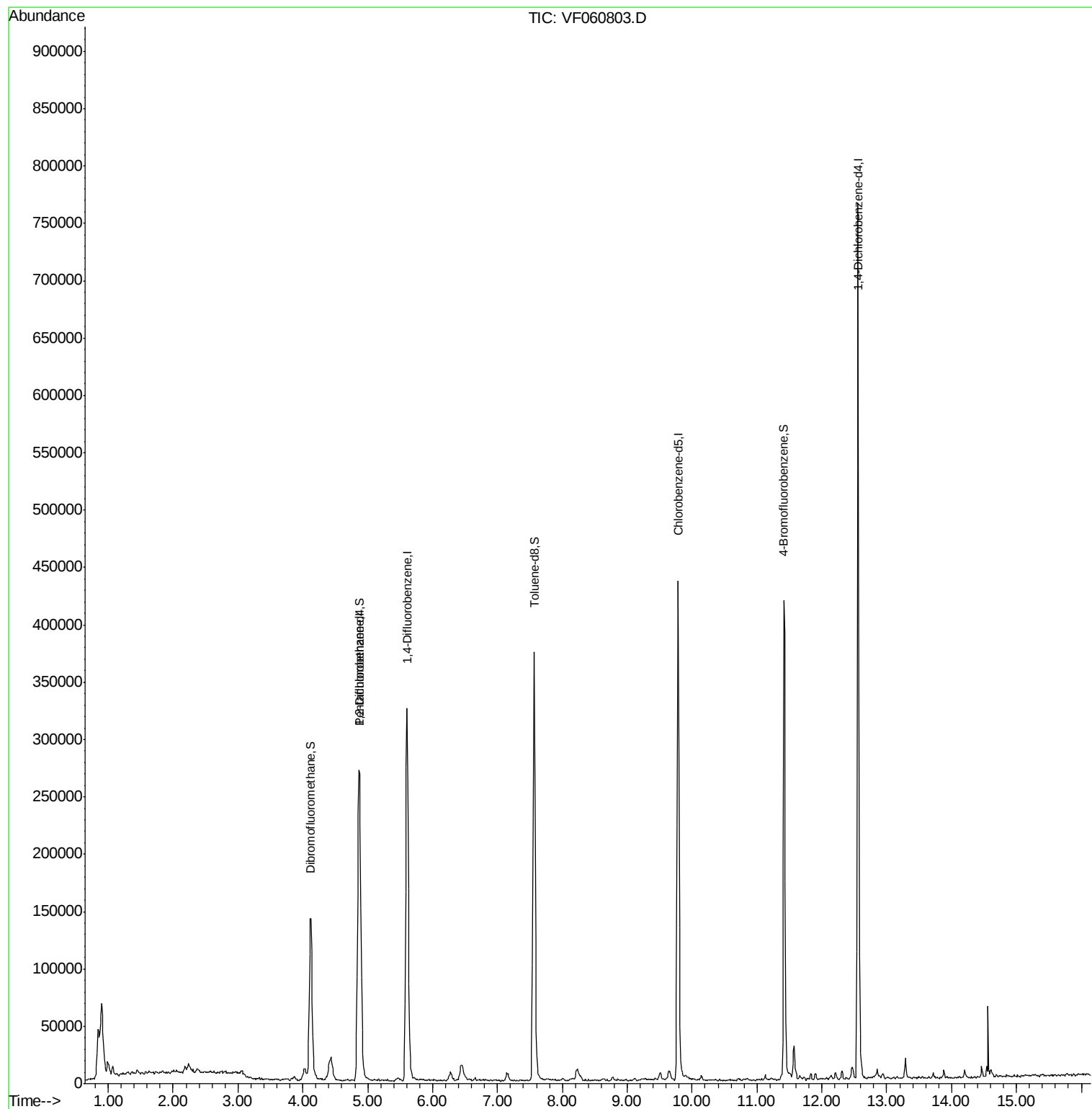
Target Compounds	Qvalue

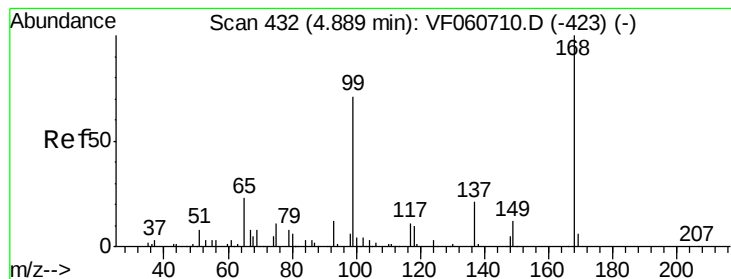
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060803.D

Acq: 20 Nov 2018 14:16

Instrument :

MSVOA_F

ClientSampleId :

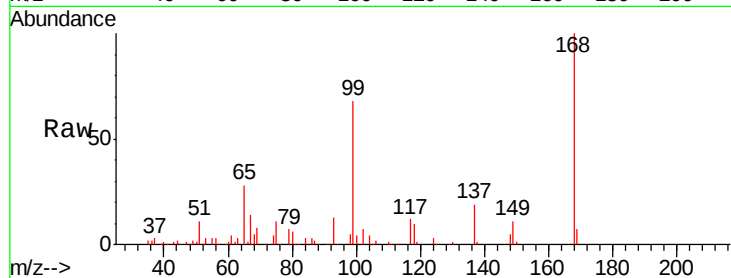
VF1120SBL01

Tgt Ion:168 Resp: 207433

Ion Ratio Lower Upper

168 100

99 67.6 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

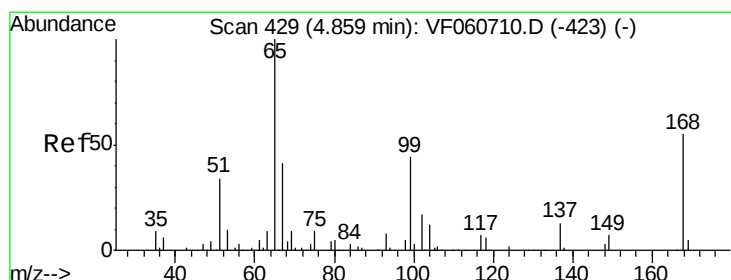
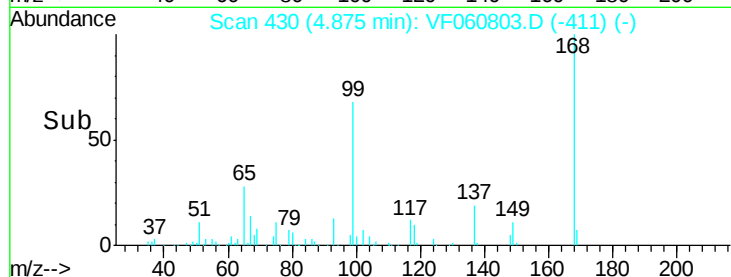
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 47.70 ug/l

RT: 4.86 min Scan# 428

Delta R.T. -0.00 min

Lab File: VF060803.D

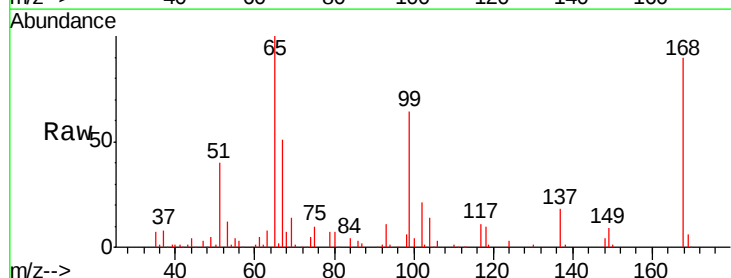
Acq: 20 Nov 2018 14:16

Tgt Ion: 65 Resp: 112848

Ion Ratio Lower Upper

65 100

67 50.7 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

40000

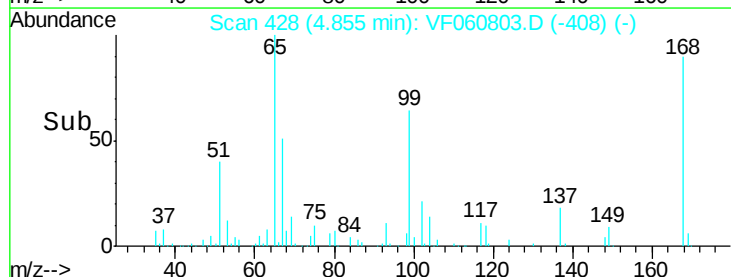
30000

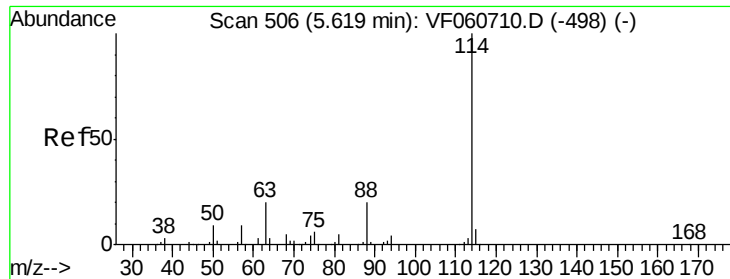
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

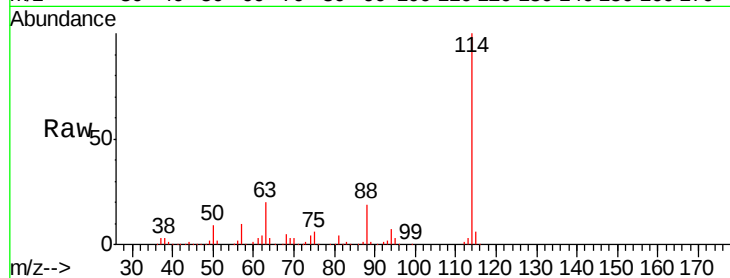




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF060803.D
 Acq: 20 Nov 2018 14:16

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1120SBL01

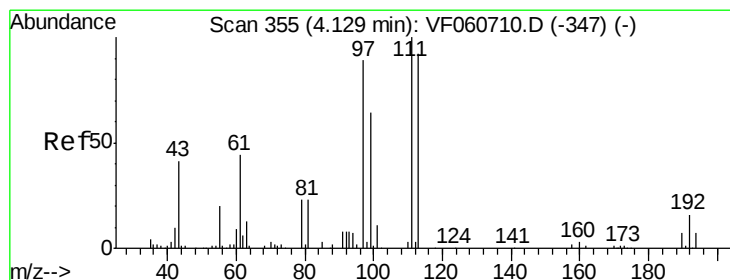
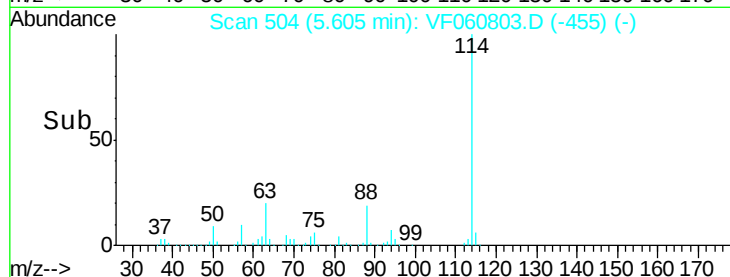
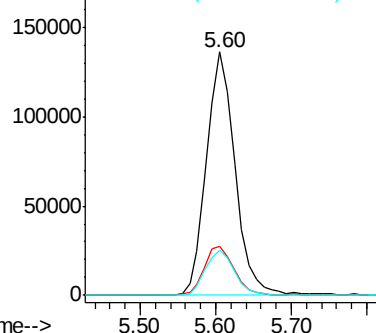
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	18.7	0.0	39.6



Abundance Ion 114.00 (113.70 to 114.70): V

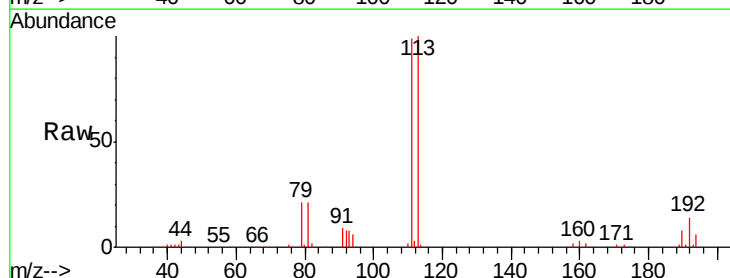
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35
 Dibromofluoromethane
 Concen: 51.87 ug/l
 RT: 4.12 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF060803.D
 Acq: 20 Nov 2018 14:16

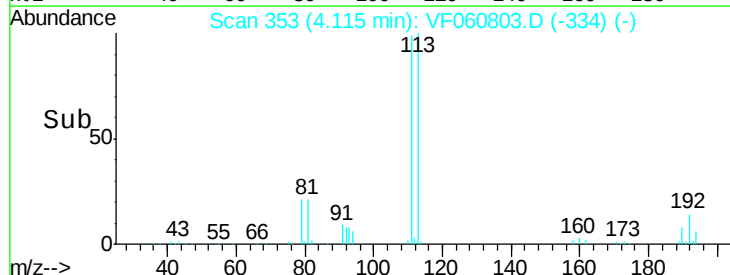
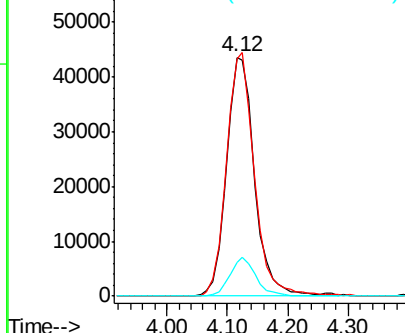
Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.1	87.1	130.7
192	14.3	13.8	20.6

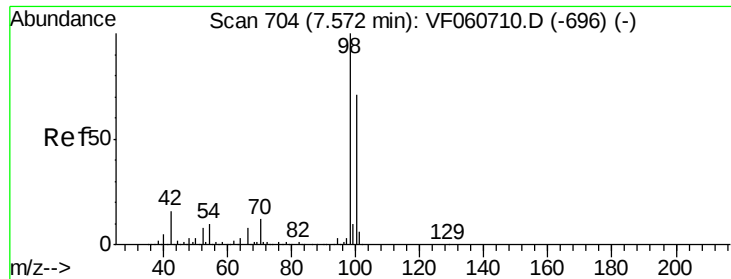


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

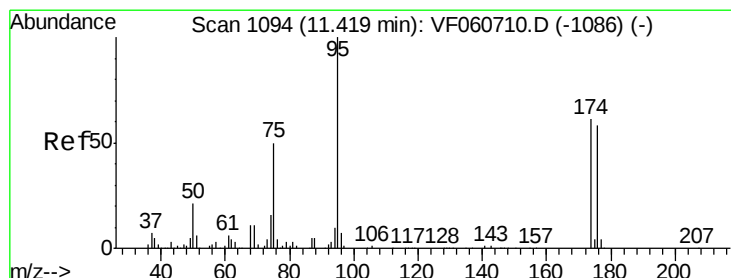
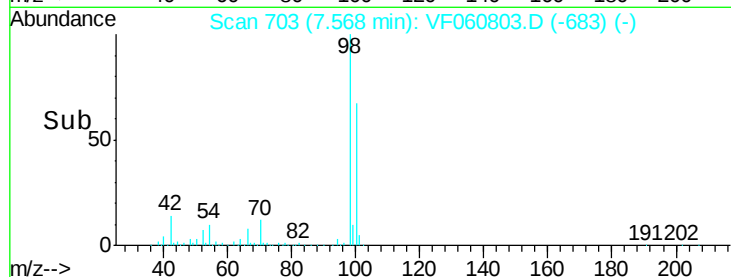
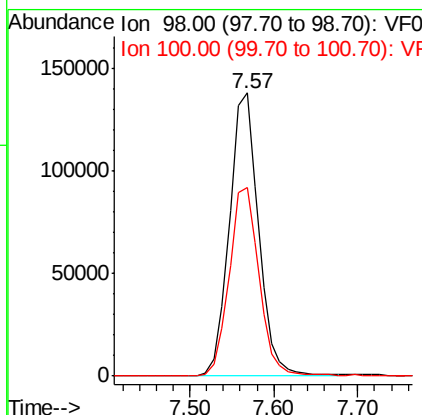
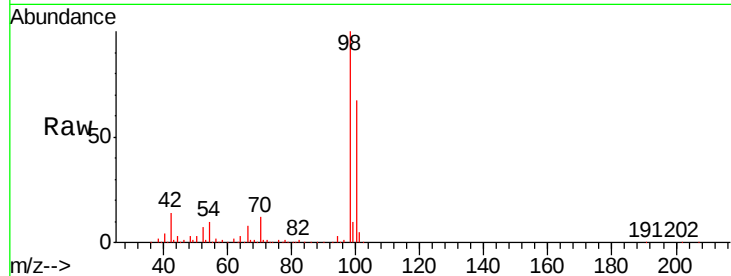




#50
Toluene-d8
Concen: 48.06 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060803.D
Acq: 20 Nov 2018 14:16

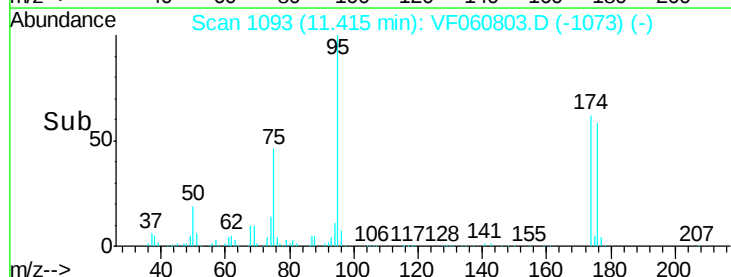
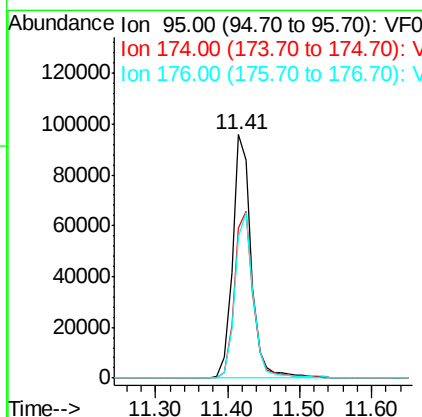
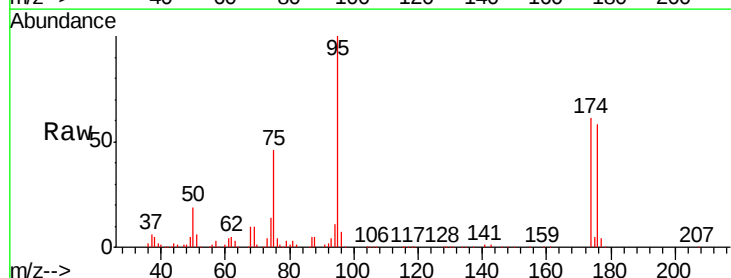
Instrument :
MSVOA_F
ClientSampleId :
VF1120SBL01

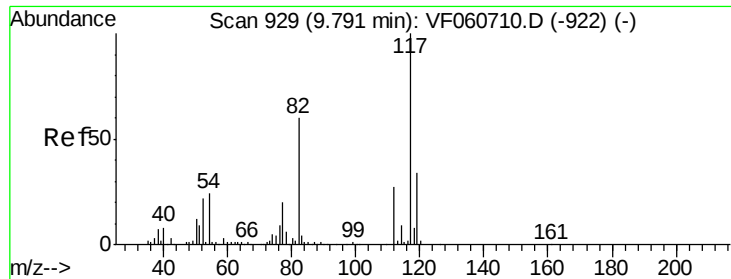
Tgt Ion: 98 Resp: 332999
Ion Ratio Lower Upper
98 100
100 66.7 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 54.82 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060803.D
Acq: 20 Nov 2018 14:16

Tgt Ion: 95 Resp: 173398
Ion Ratio Lower Upper
95 100
174 61.5 0.0 121.6
176 58.3 0.0 115.2

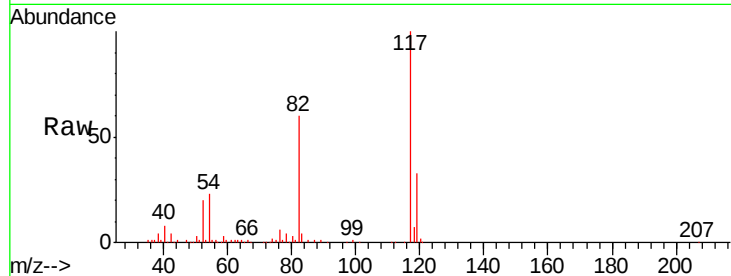




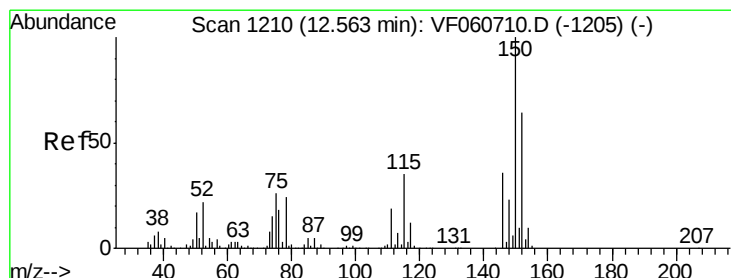
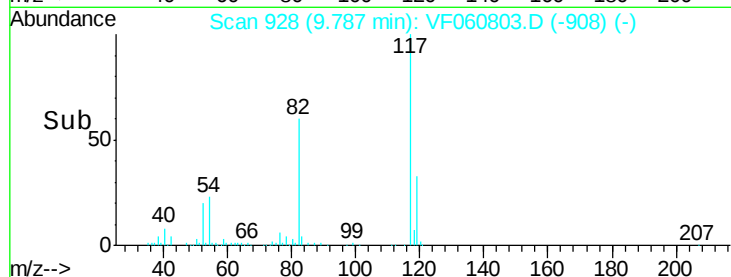
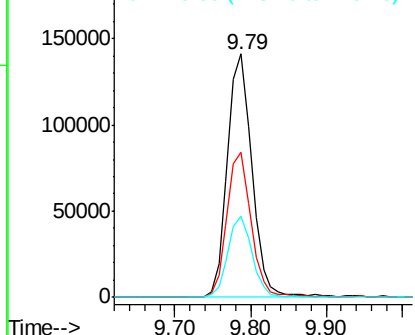
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060803.D
Acq: 20 Nov 2018 14:16

Instrument :
MSVOA_F
ClientSampleId :
VF1120SBL01

Tgt Ion:117 Resp: 318744
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 33.3 26.8 40.2

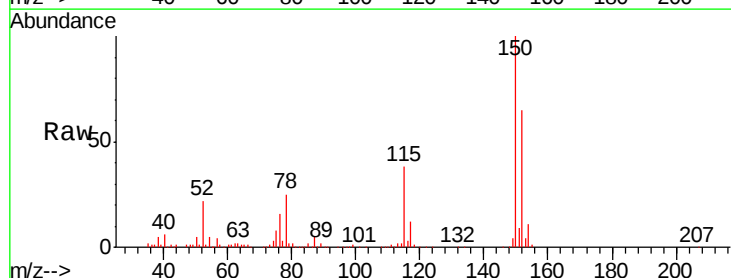


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF060803.D
Acq: 20 Nov 2018 14:16

Tgt Ion:152 Resp: 189913
Ion Ratio Lower Upper
152 100
115 58.4 27.9 83.7
150 155.0 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

