

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059912.D
 Acq On : 7 Aug 2018 10:16
 Operator : VA/AP
 Sample : J4298-01
 Misc : 3.82g/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 07 11:30:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

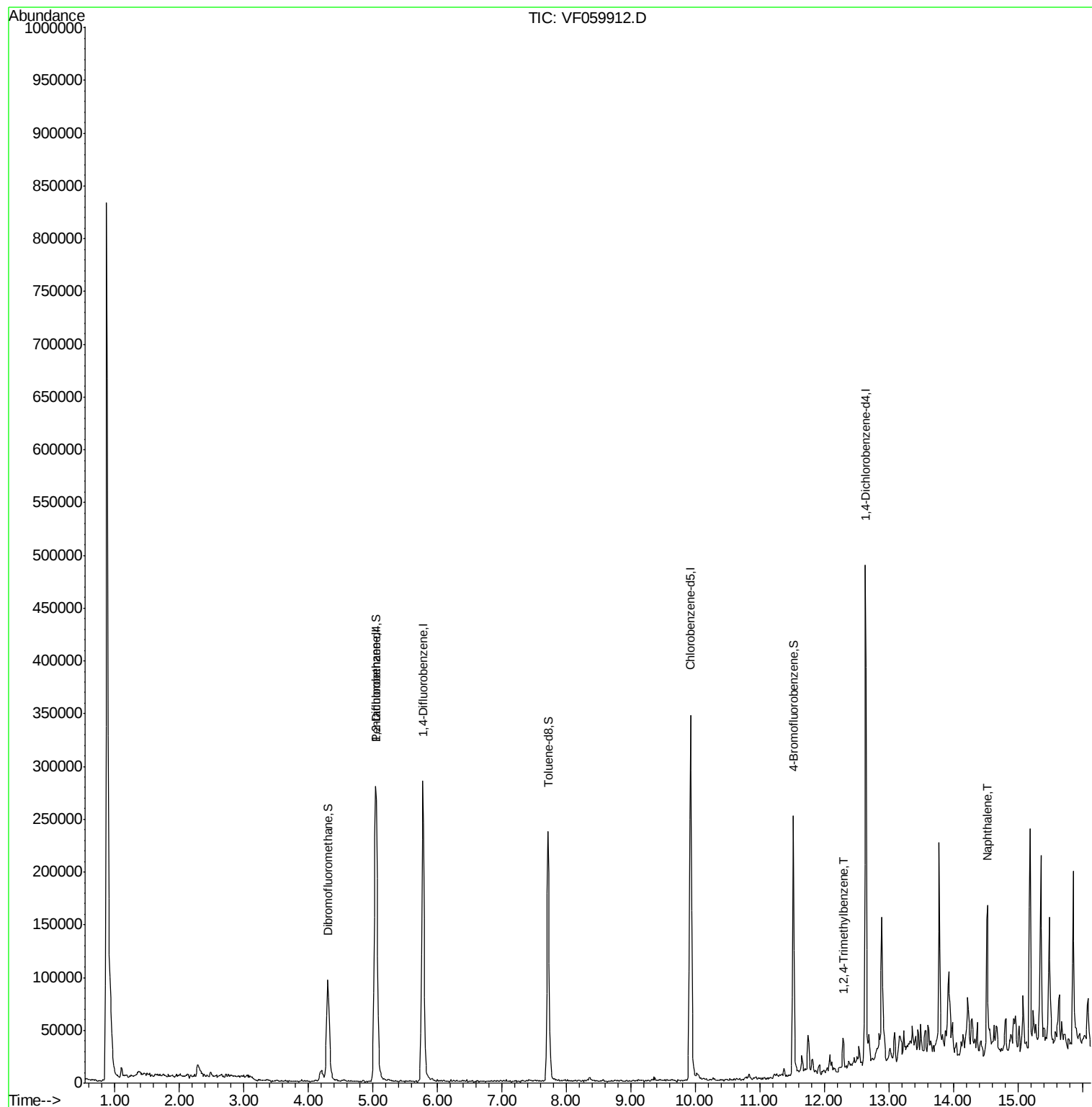
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	203575	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	272346	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	231341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	115212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	93761	25.55	ug/l	0.01
Spiked Amount 50.000			Recovery	=	51.10%	
35) Dibromofluoromethane	4.30	113	86857	32.05	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.10%	
50) Toluene-d8	7.72	98	184437	31.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.98%	
62) 4-Bromofluorobenzene	11.52	95	85193	26.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	52.60%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	12.29	105	11998	1.75	ug/l	98
95) Naphthalene	14.53	128	16426	3.51	ug/l #	89

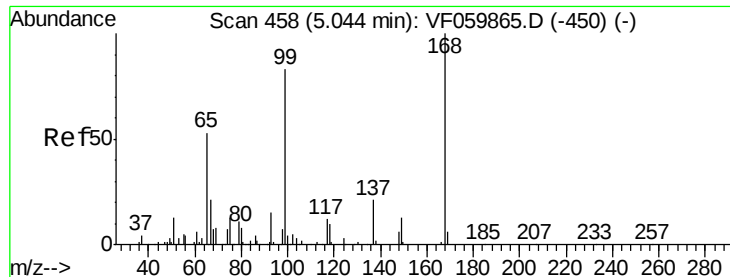
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 04 07:08:36 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF059912.D

Acq: 7 Aug 2018 10:16

Instrument :

MSVOA_F

ClientSampleId :

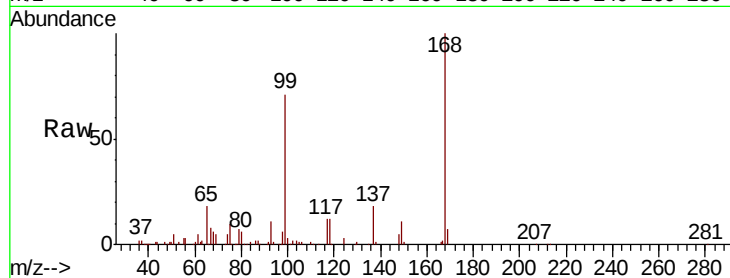
WC-1

Tot Ion:168 Resp: 203575

Ion Ratio Lower Upper

168 100

99 70.9 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

80000

60000

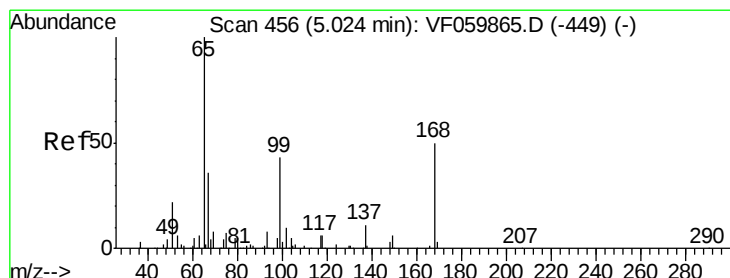
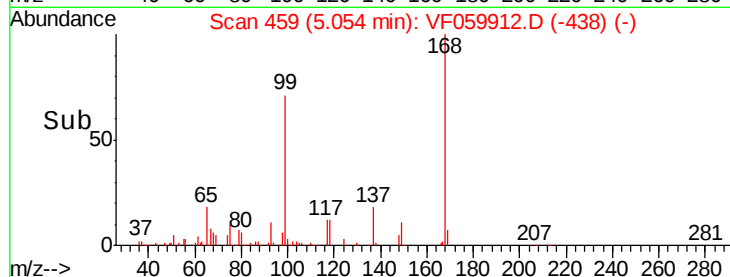
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 25.55 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059912.D

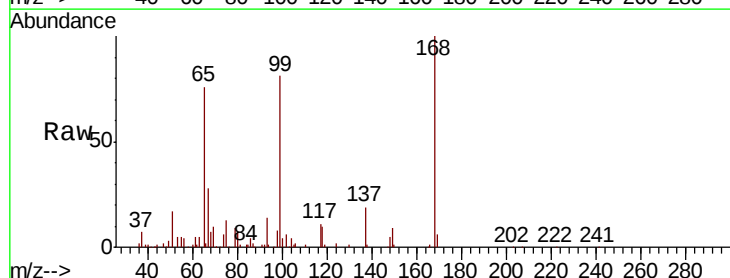
Acq: 7 Aug 2018 10:16

Tgt Ion: 65 Resp: 93761

Ion Ratio Lower Upper

65 100

67 37.5 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

40000

30000

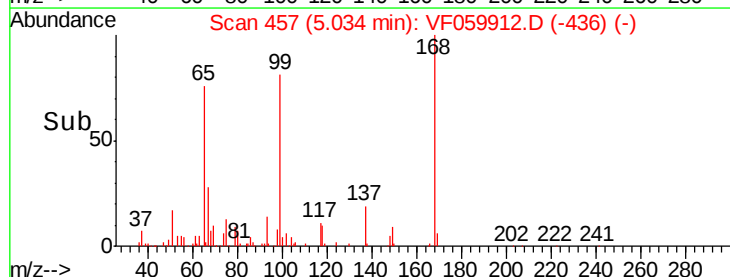
20000

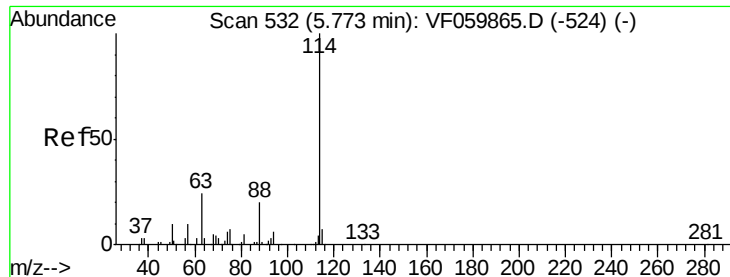
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059912.D

Acq: 7 Aug 2018 10:16

Instrument :

MSVOA_F

ClientSampled :

WC-1

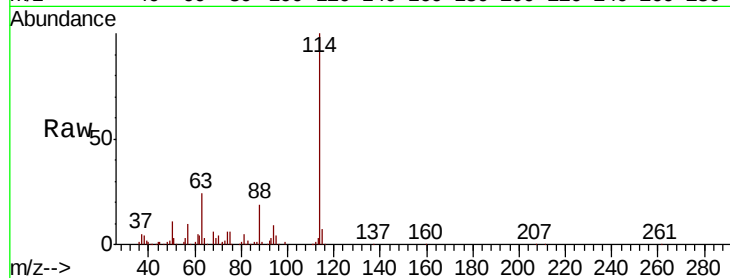
Tot Ion:114 Resp: 272346

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.0

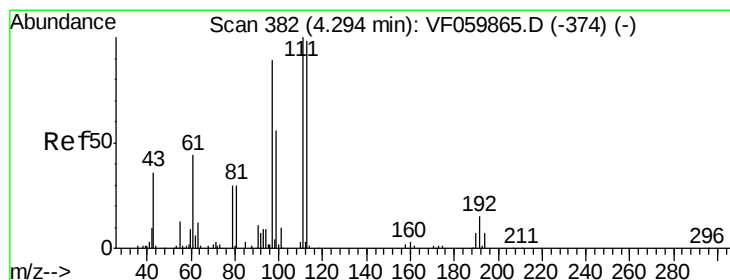
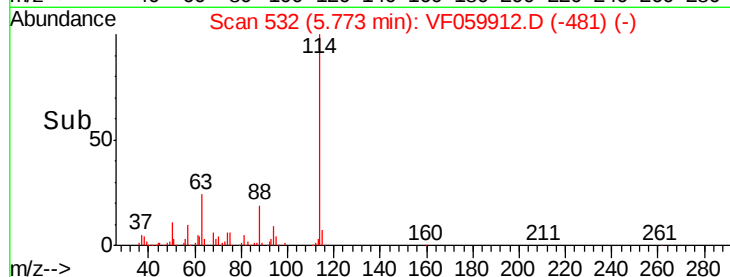
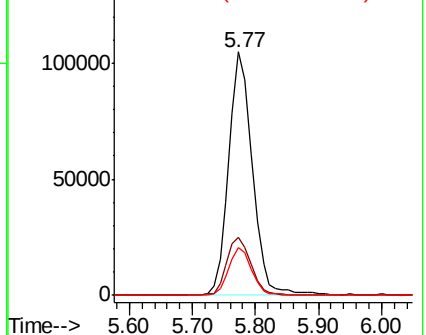
88 19.5 0.0 39.4



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: 32.05 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF059912.D

Acq: 7 Aug 2018 10:16

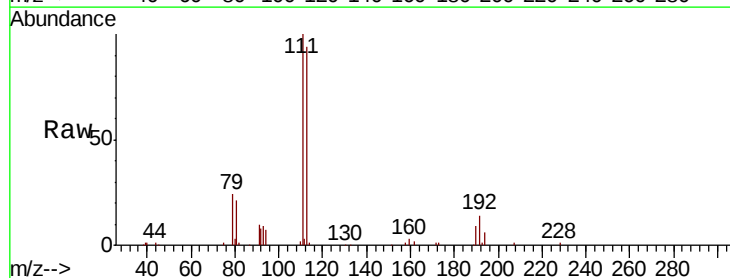
Tgt Ion:113 Resp: 86857

Ion Ratio Lower Upper

113 100

111 106.6 81.8 122.8

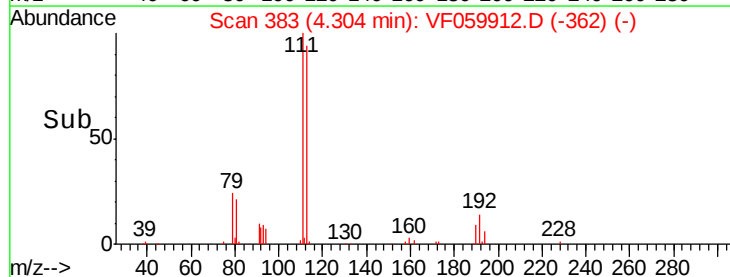
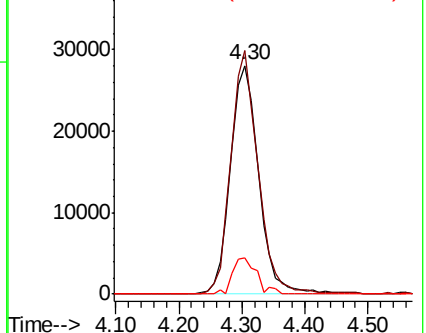
192 15.7 12.4 18.6

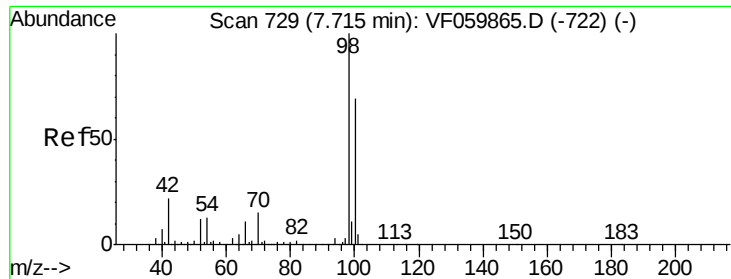


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

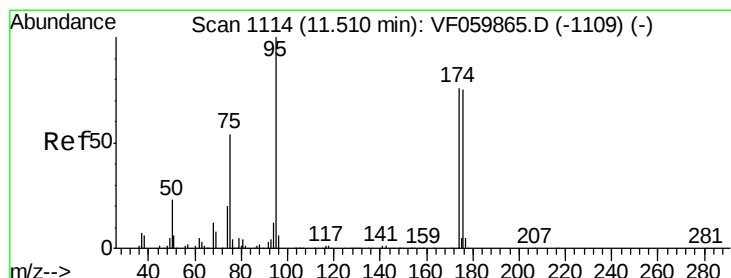
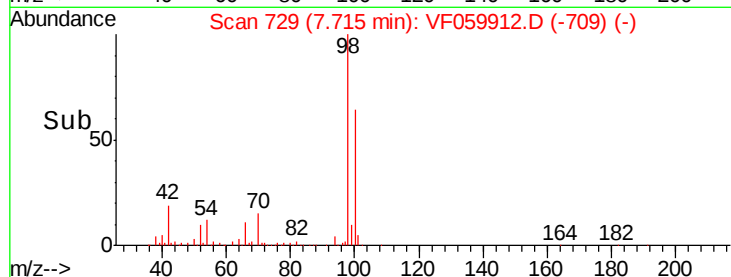
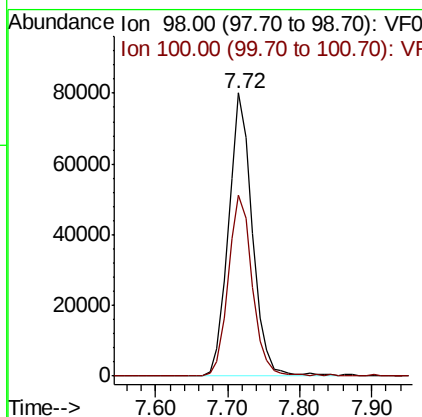
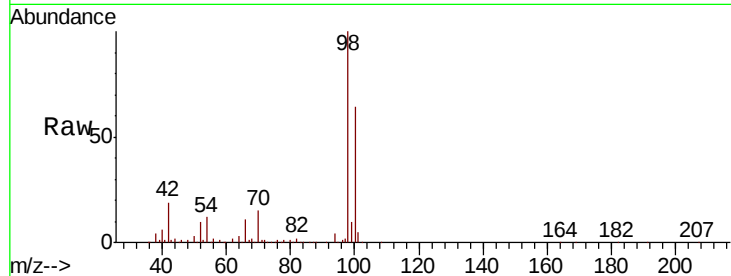




#50
Toluene-d8
Concen: 31.99 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059912.D
Acq: 7 Aug 2018 10:16

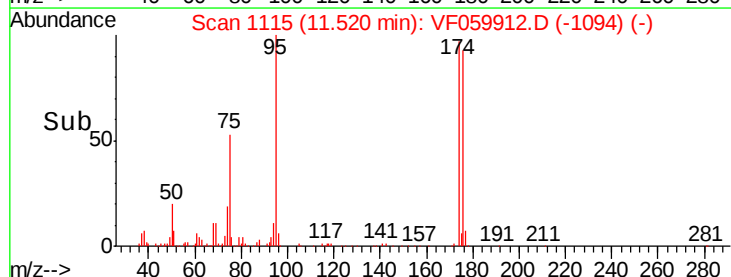
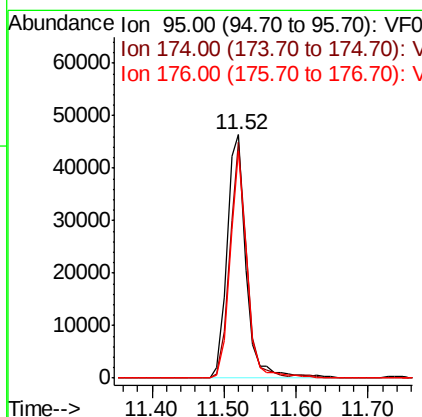
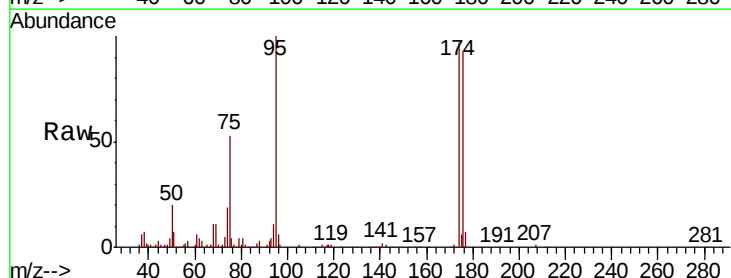
Instrument :
MSVOA_F
ClientSampleId :
WC-1

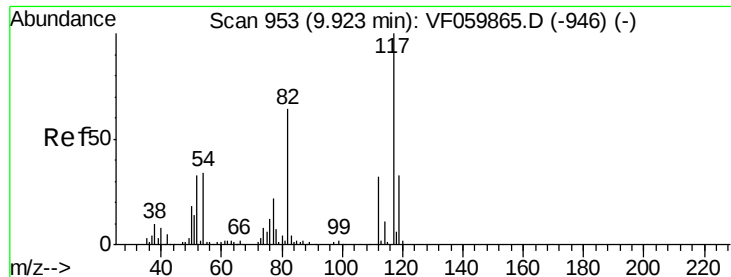
Tot Ion: 98 Resp: 184437
Ion Ratio Lower Upper
98 100
100 64.0 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 26.30 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059912.D
Acq: 7 Aug 2018 10:16

Tgt Ion: 95 Resp: 85193
Ion Ratio Lower Upper
95 100
174 97.1 0.0 151.6
176 93.3 0.0 149.8

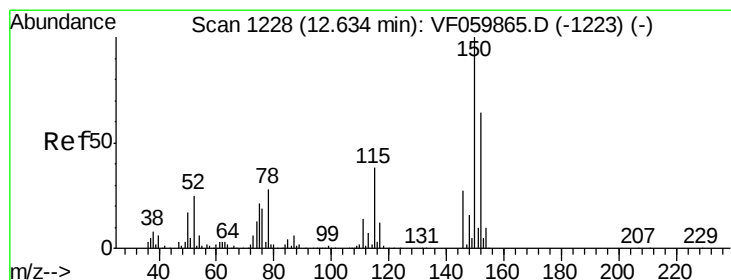
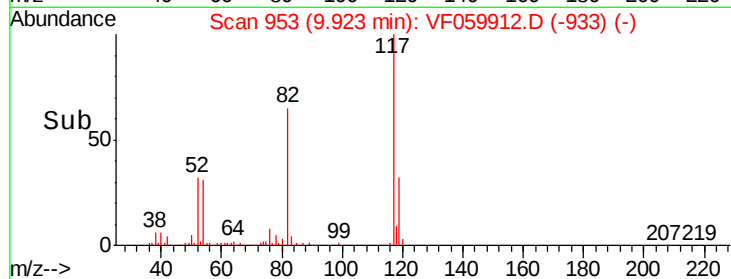
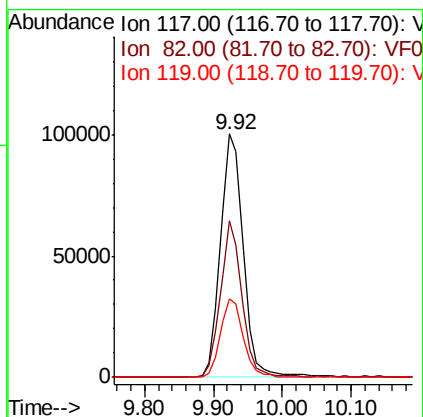
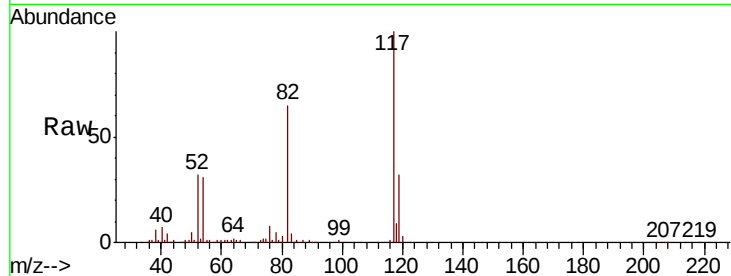




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059912.D
Acq: 7 Aug 2018 10:16

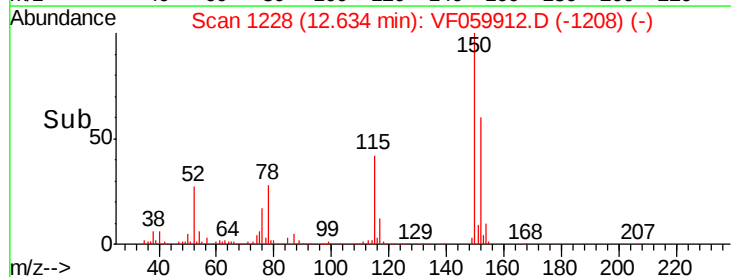
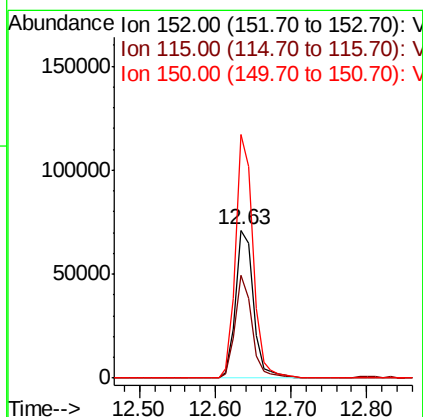
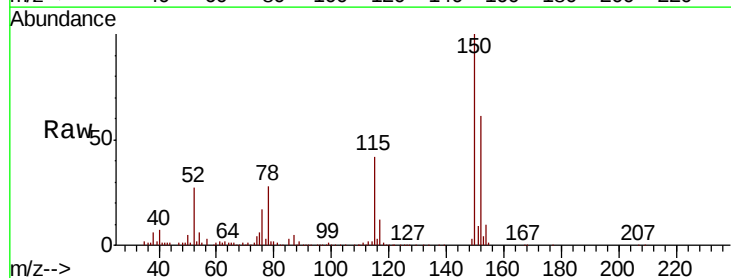
Instrument :
MSVOA_F
ClientSampleId :
WC-1

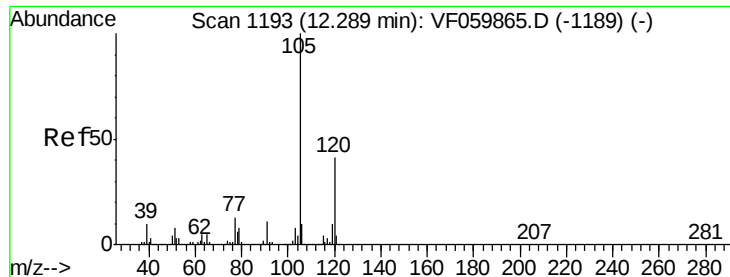
Tot Ion	Ratio	Lower	Upper
117	100		
82	64.6	51.3	76.9
119	32.0	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059912.D
Acq: 7 Aug 2018 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.6	29.8	89.4
150	164.9	0.0	315.6

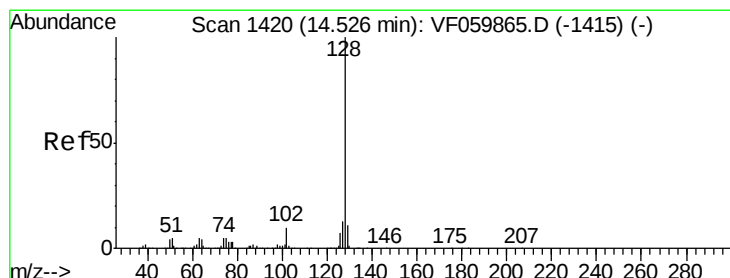
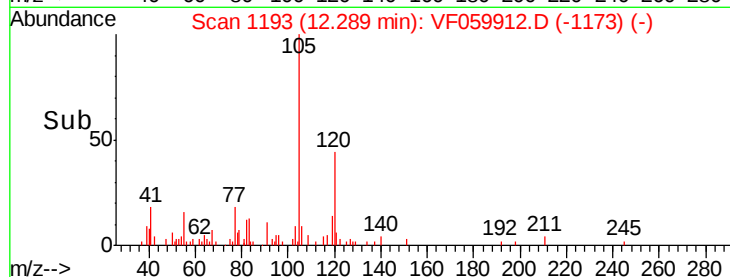
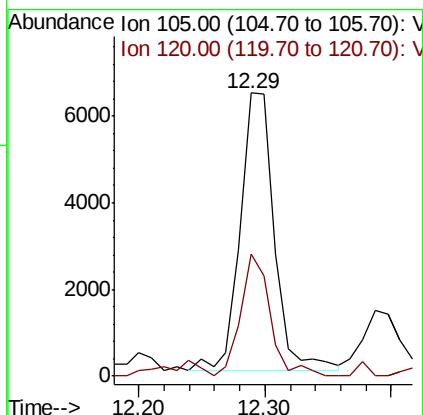
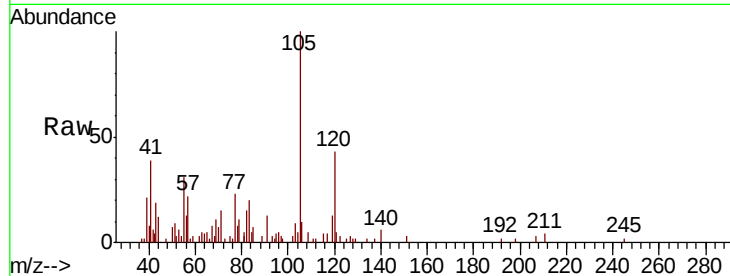




#84
 1,2,4-Trimethylbenzene
 Concen: 1.75 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VF059912.D
 Acq: 7 Aug 2018 10:16

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-1

Tot Ion:105 Resp: 11998
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.8 62.5



#95
 Naphthalene
 Concen: 3.51 ug/l
 RT: 14.53 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: VF059912.D
 Acq: 7 Aug 2018 10:16

Tgt Ion:128 Resp: 16426
 Ion Ratio Lower Upper
 128 100
 127 21.0 10.4 15.6#
 129 11.6 9.0 13.6

