

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059544.D
 Acq On : 19 Jul 2018 7:18
 Operator : VA/AP
 Sample : VF0719SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0719SBL01

Quant Time: Jul 19 07:44:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	231025	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	344130	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	344001	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	225097	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	204316	56.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.72%	
35) Dibromofluoromethane	4.28	113	167822	56.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	112.62%	
50) Toluene-d8	7.70	98	371438	49.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.51	95	212739	54.02	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.04%	

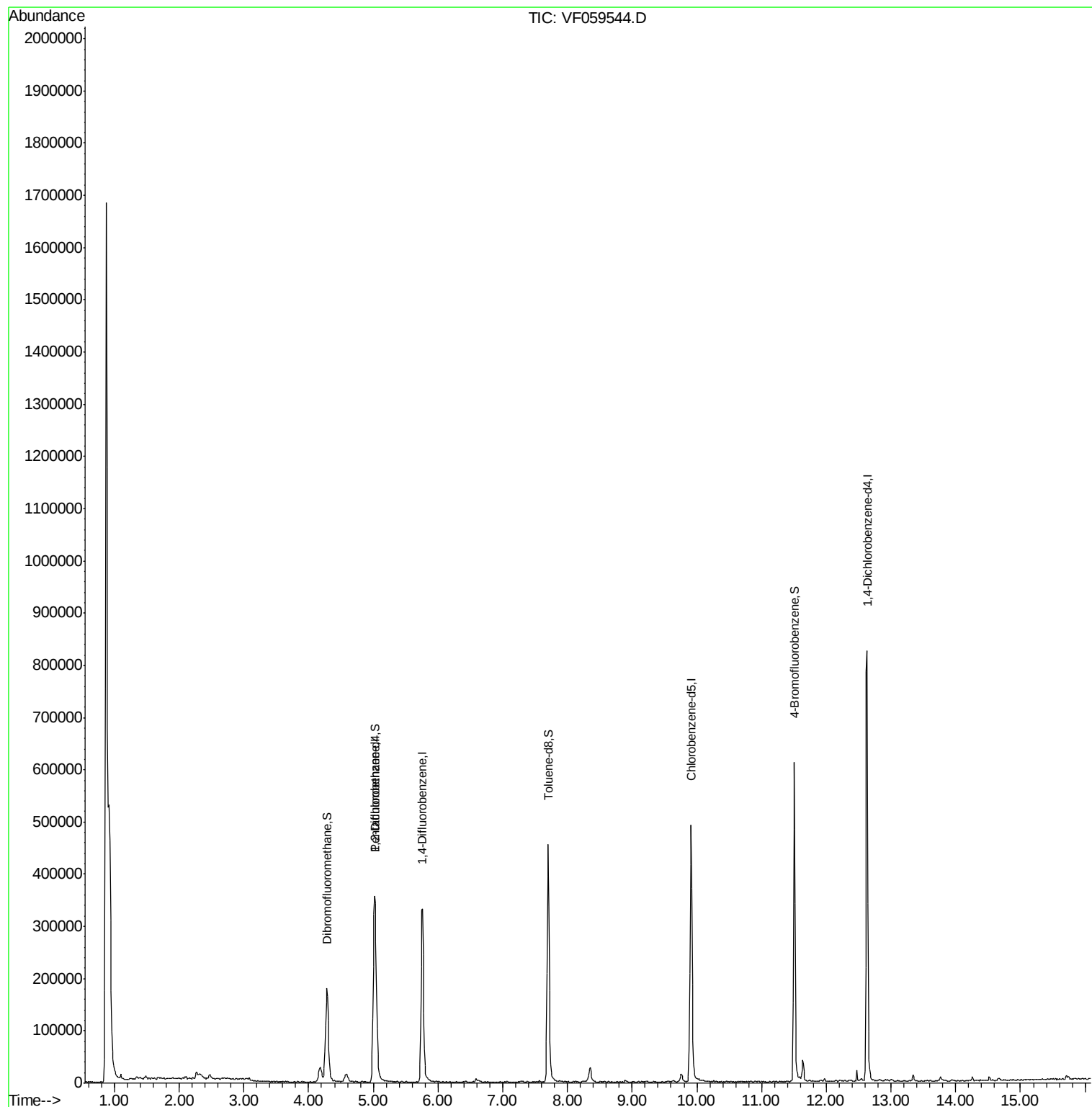
Target Compounds	Qvalue

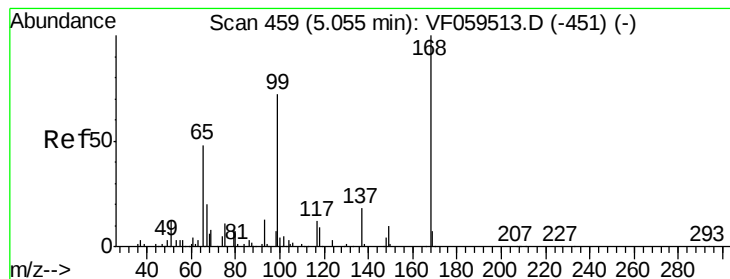
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059544.D

Acq: 19 Jul 2018 7:18

Instrument :

MSVOA_F

ClientSampleId :

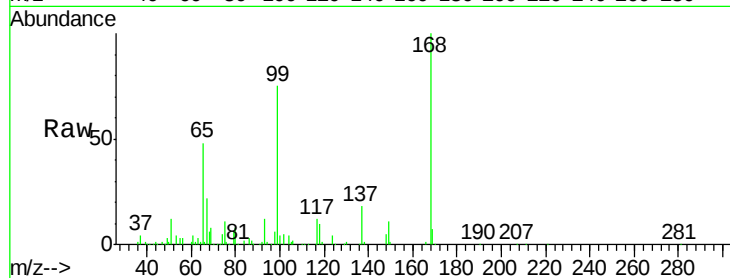
VF0719SBL01

Tot Ion:168 Resp: 231025

Ion Ratio Lower Upper

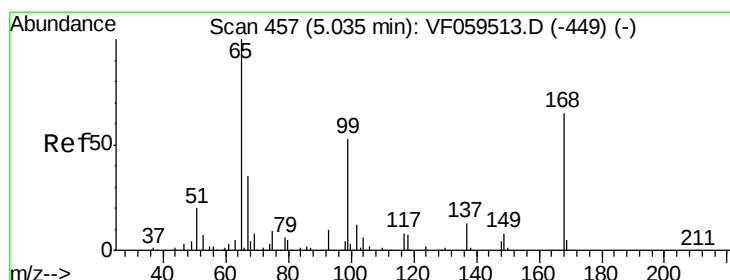
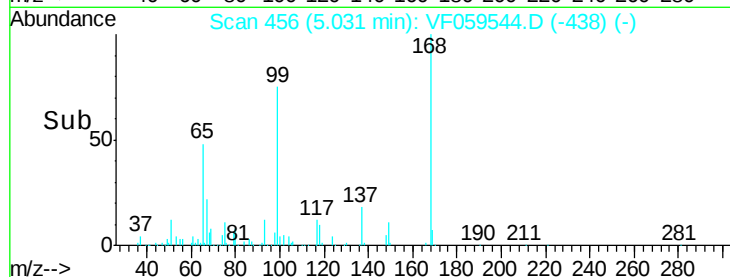
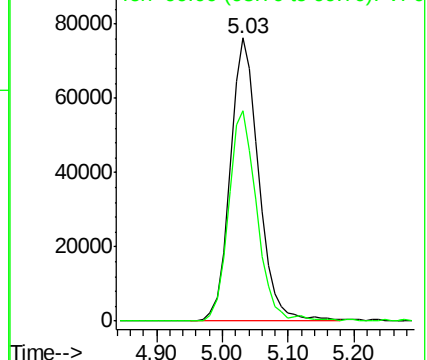
168 100

99 74.5 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 56.86 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059544.D

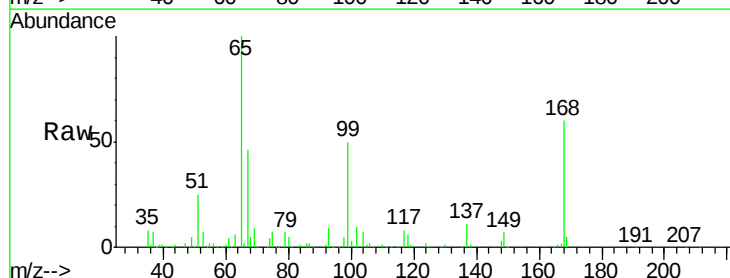
Acq: 19 Jul 2018 7:18

Tgt Ion: 65 Resp: 204316

Ion Ratio Lower Upper

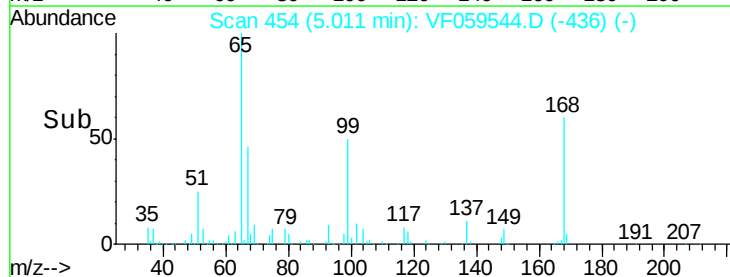
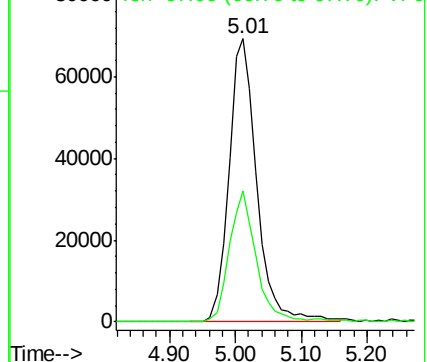
65 100

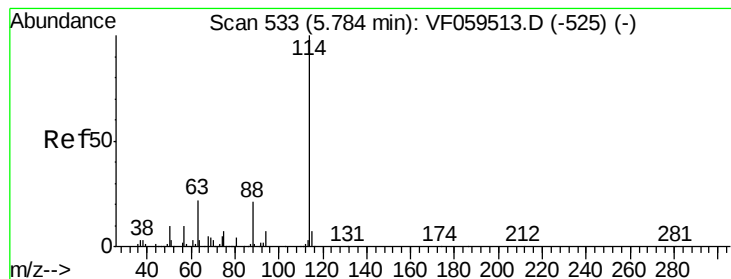
67 46.4 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF059544.D

Acq: 19 Jul 2018 7:18

Instrument :

MSVOA_F

ClientSampleId :

VF0719SBL01

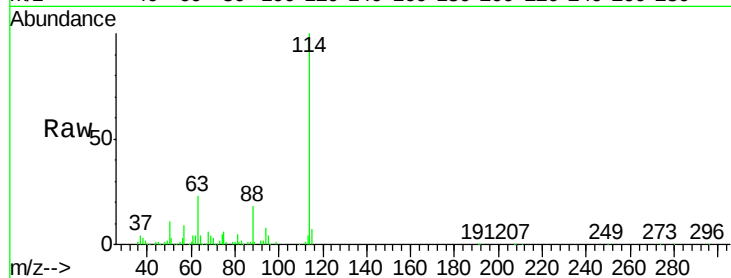
Tot Ion:114 Resp: 344130

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.8

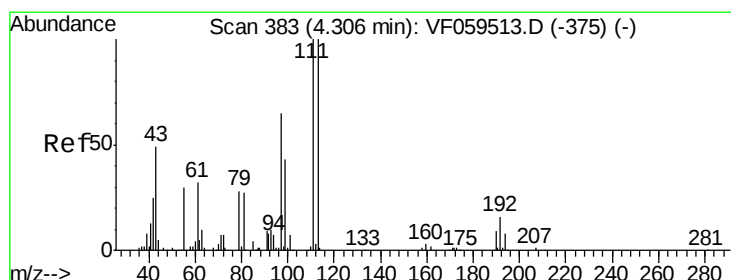
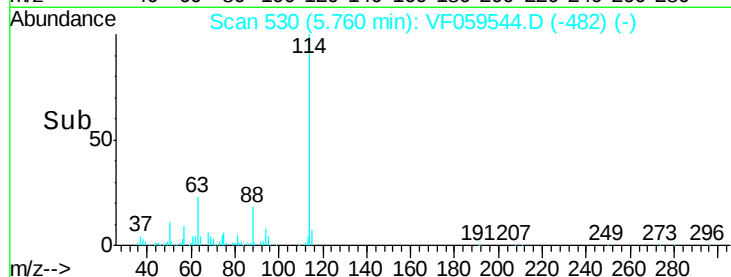
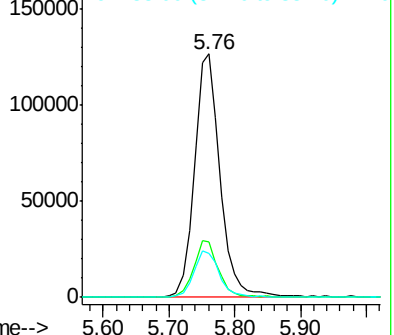
88 18.2 0.0 42.6



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: 56.31 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059544.D

Acq: 19 Jul 2018 7:18

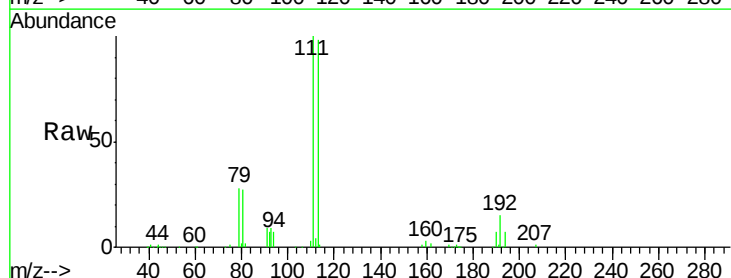
Tgt Ion:113 Resp: 167822

Ion Ratio Lower Upper

113 100

111 101.5 80.3 120.5

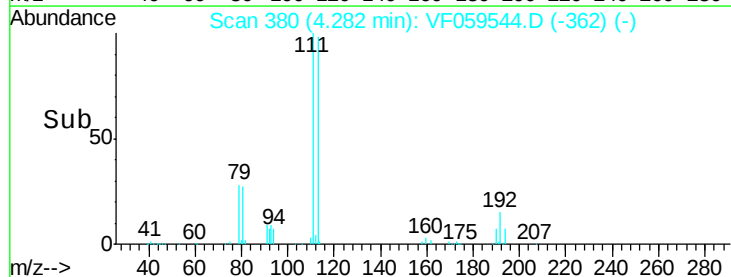
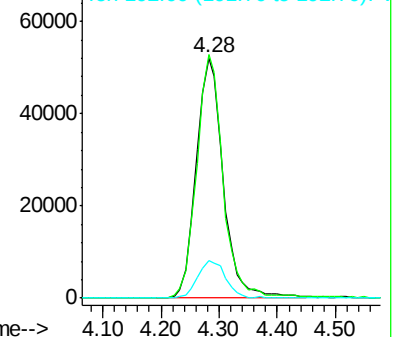
192 15.6 13.1 19.7

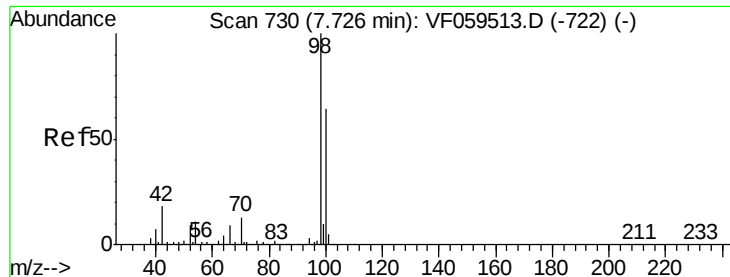


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

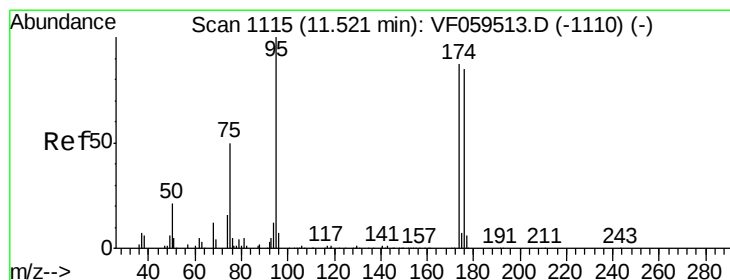
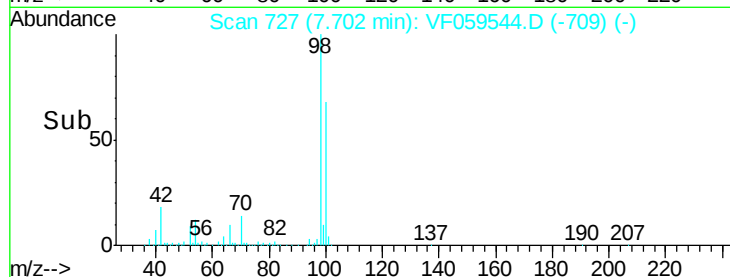
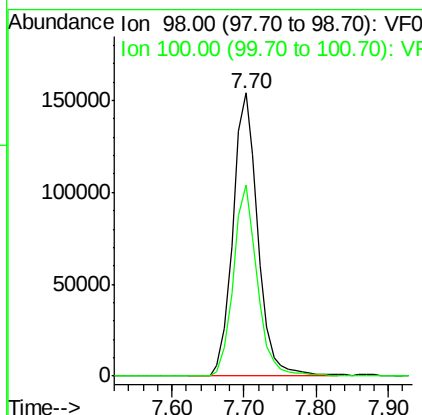
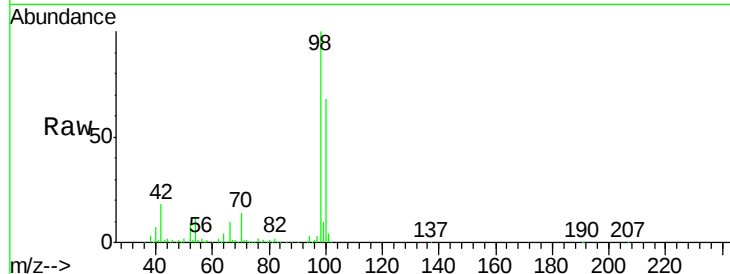




#50
Toluene-d8
Concen: 49.48 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF059544.D
Acq: 19 Jul 2018 7:18

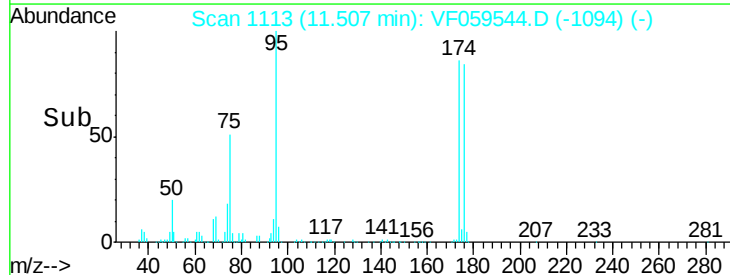
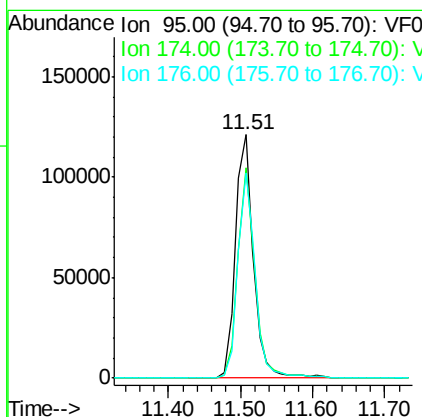
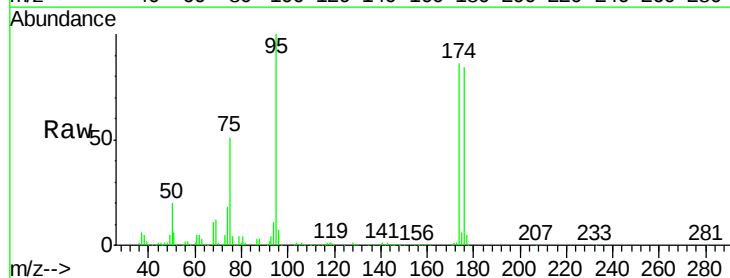
Instrument :
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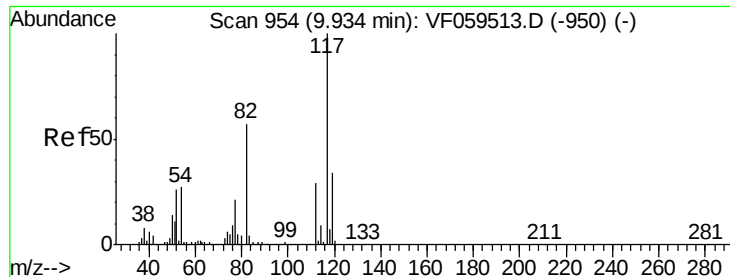
Tot Ion: 98 Resp: 371438
Ion Ratio Lower Upper
98 100
100 67.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 54.02 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059544.D
Acq: 19 Jul 2018 7:18

Tgt Ion: 95 Resp: 212739
Ion Ratio Lower Upper
95 100
174 86.2 0.0 174.4
176 84.1 0.0 169.4

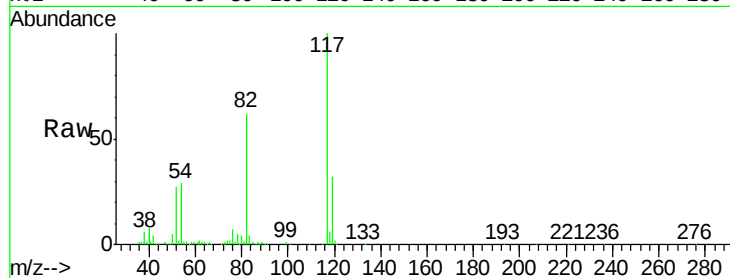




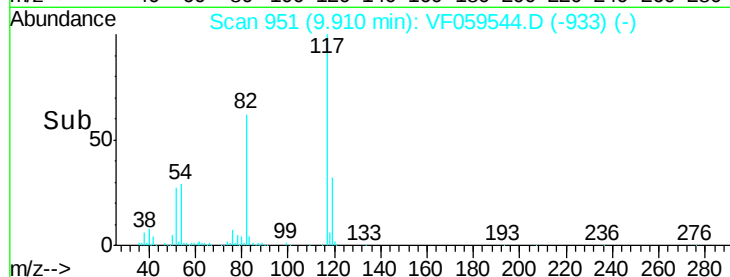
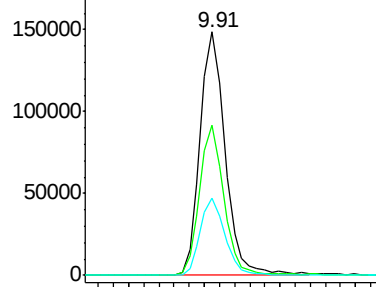
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF059544.D
Acq: 19 Jul 2018 7:18

Instrument :
MSVOA_F
ClientSampleId :
VF0719SBL01

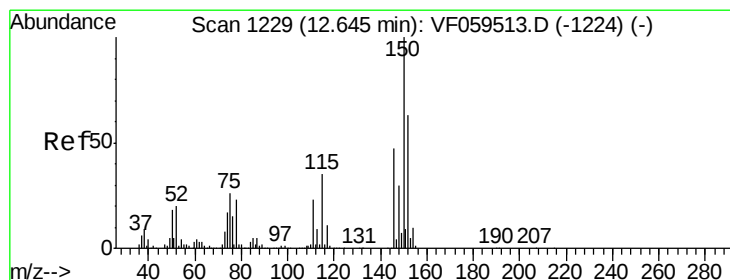
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	46.1	69.1
119	31.9	27.2	40.8



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

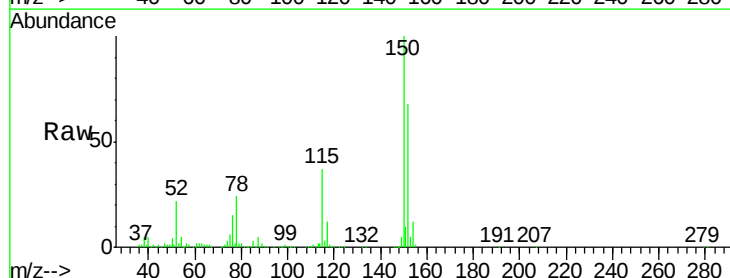


Time-->

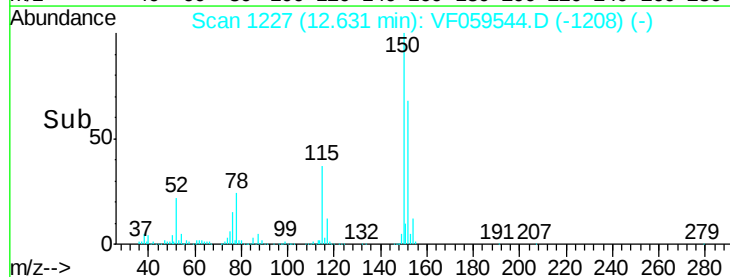
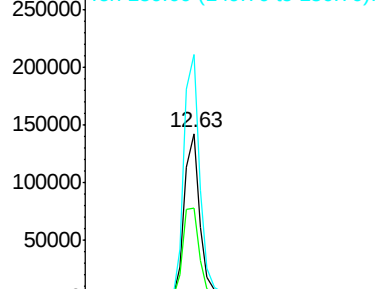


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059544.D
Acq: 19 Jul 2018 7:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.3
150	147.9	0.0	318.4



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



Time-->