

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059607.D
 Acq On : 21 Jul 2018 3:22
 Operator : VA/AP
 Sample : J3827-03
 Misc : 5.39g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-071918

Quant Time: Jul 21 04:37:47 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

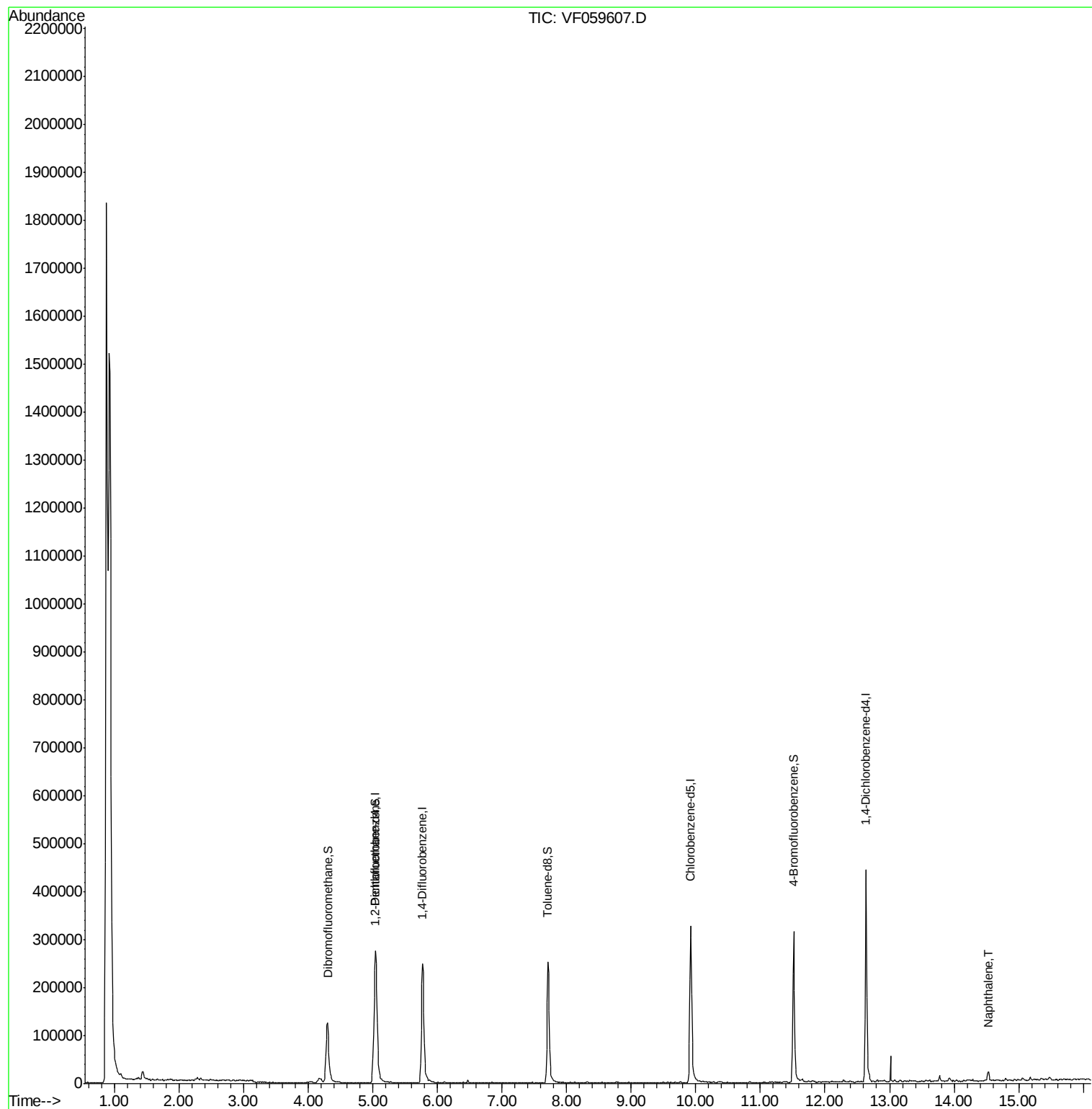
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.05	168	188493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	258205	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	237782	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.64	152	120352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	135501	46.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	4.29	113	114343	51.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	7.71	98	208270	36.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.94%	
62) 4-Bromofluorobenzene	11.52	95	111211	37.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.26%	
Target Compounds						Qvalue
95) Naphthalene	14.53	128	11978	2.72	ug/l	# 91
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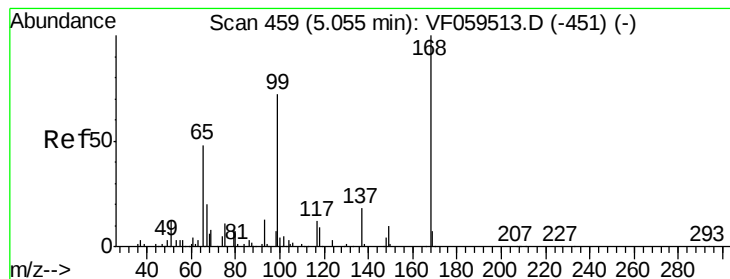
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF059607.D

Acq: 21 Jul 2018 3:22

Instrument :

MSVOA_F

ClientSampleId :

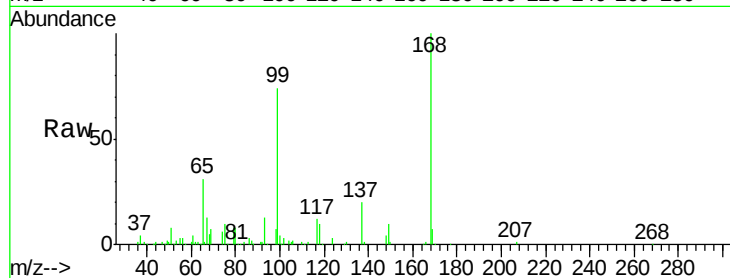
OR-01-071918

Tot Ion:168 Resp: 188493

Ion Ratio Lower Upper

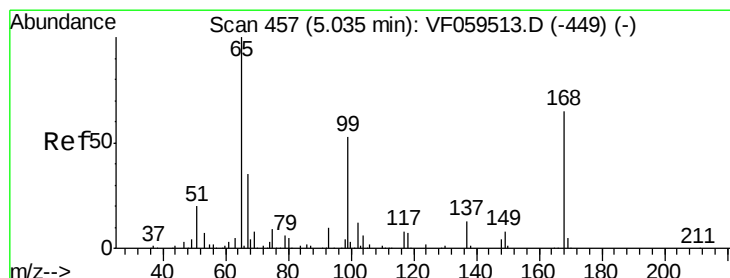
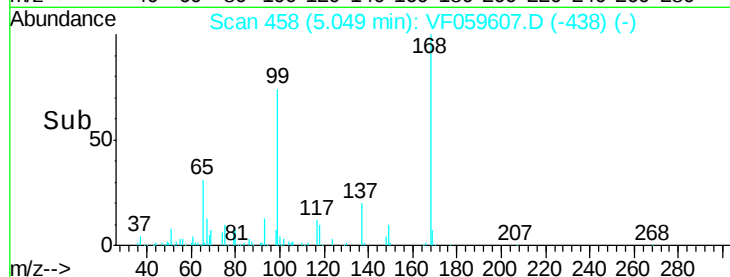
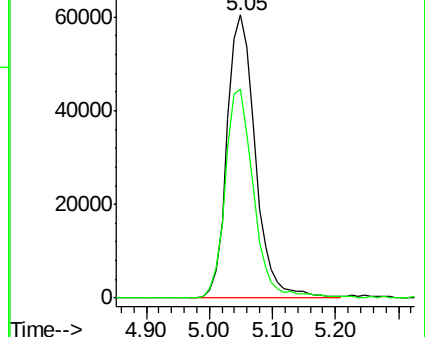
168 100

99 73.9 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 46.22 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059607.D

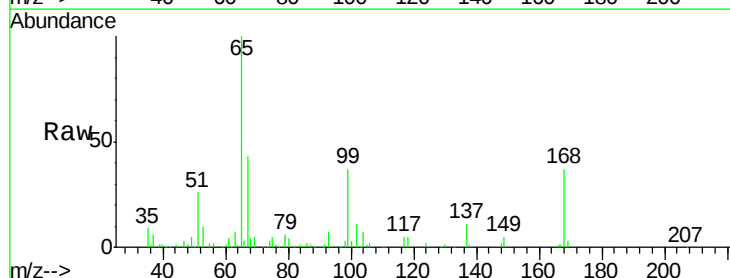
Acq: 21 Jul 2018 3:22

Tgt Ion: 65 Resp: 135501

Ion Ratio Lower Upper

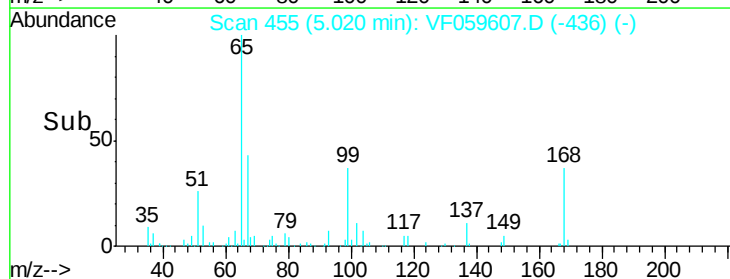
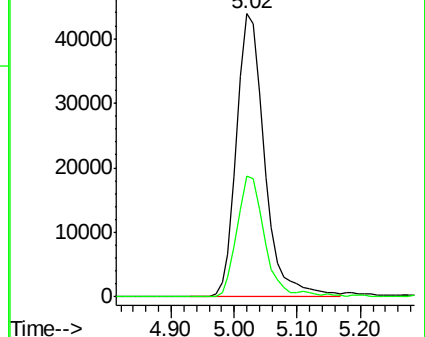
65 100

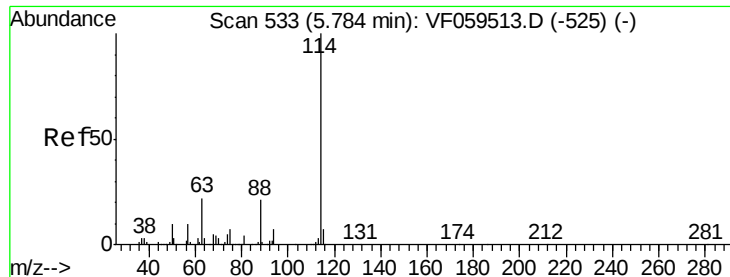
67 42.6 0.0 91.2



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: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF059607.D

Acq: 21 Jul 2018 3:22

Instrument :

MSVOA_F

ClientSampleId :

OR-01-071918

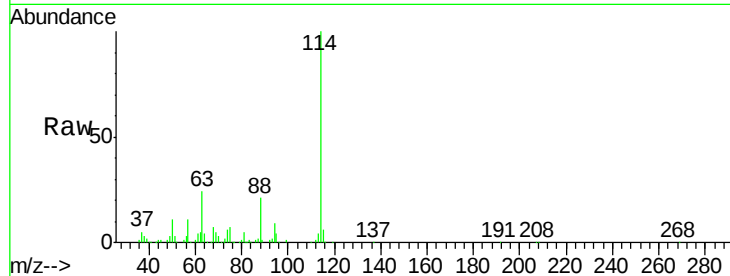
Tot Ion:114 Resp: 258205

Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.8

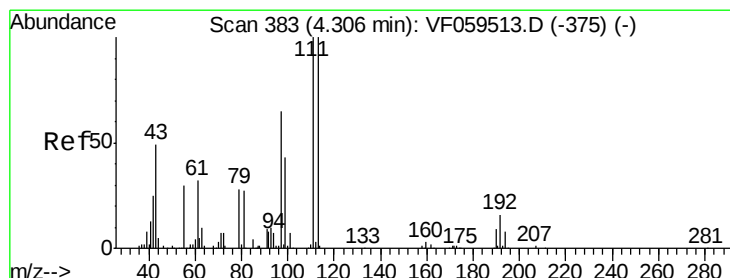
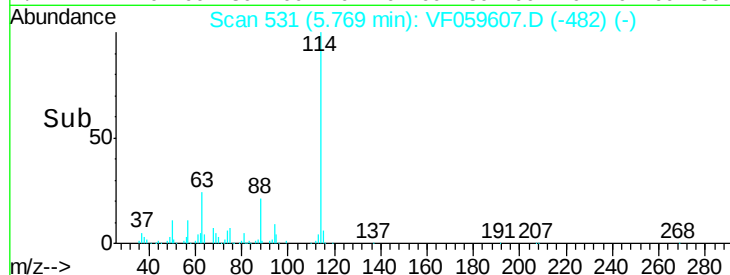
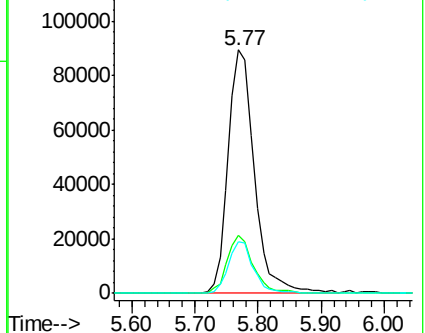
88 21.4 0.0 42.6



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: 51.13 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059607.D

Acq: 21 Jul 2018 3:22

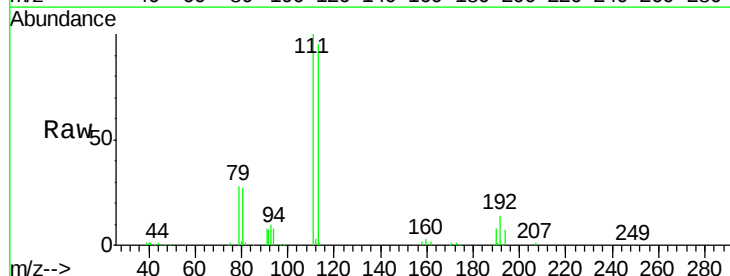
Tgt Ion:113 Resp: 114343

Ion Ratio Lower Upper

113 100

111 105.5 80.3 120.5

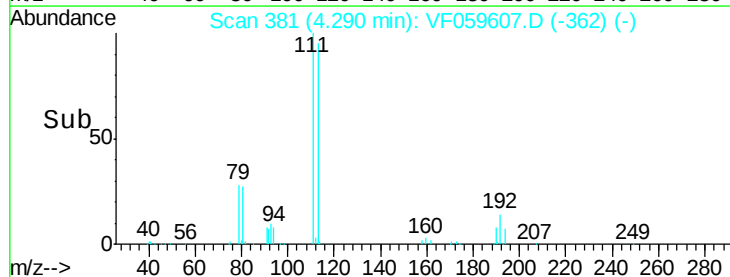
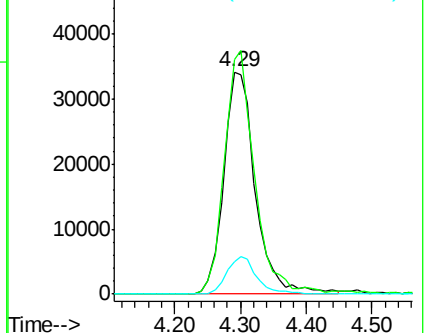
192 14.8 13.1 19.7

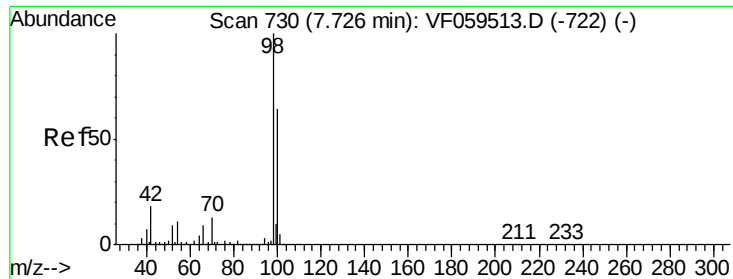


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

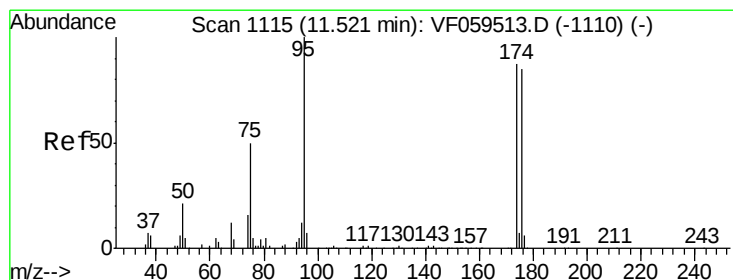
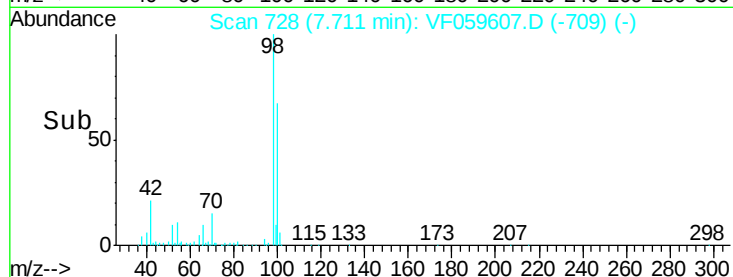
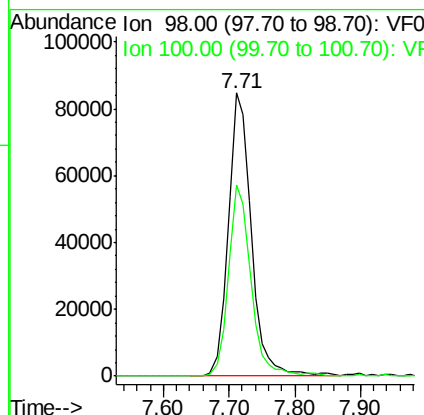
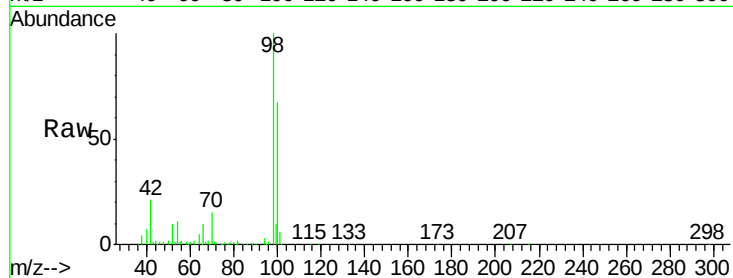




#50
Toluene-d8
Concen: 36.97 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF059607.D
Acq: 21 Jul 2018 3:22

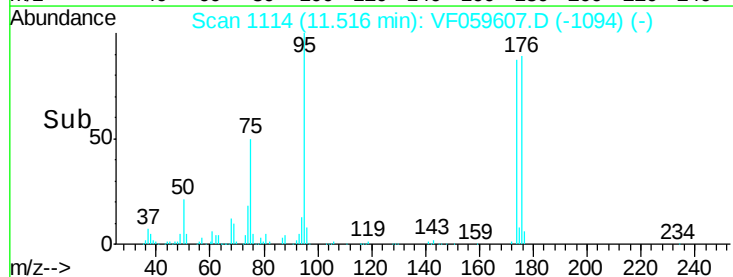
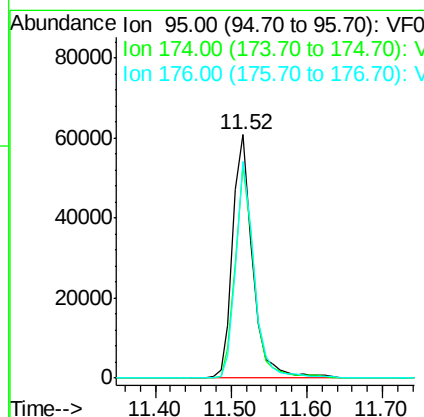
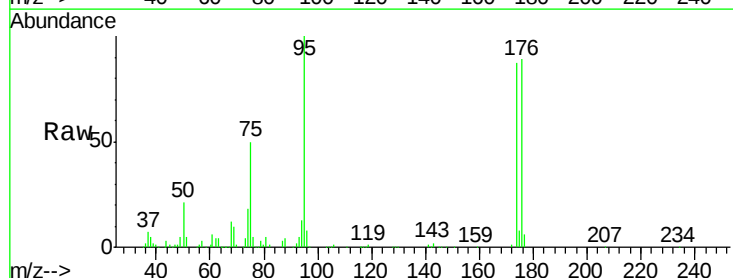
Instrument :
MSVOA_F
ClientSampleId :
OR-01-071918

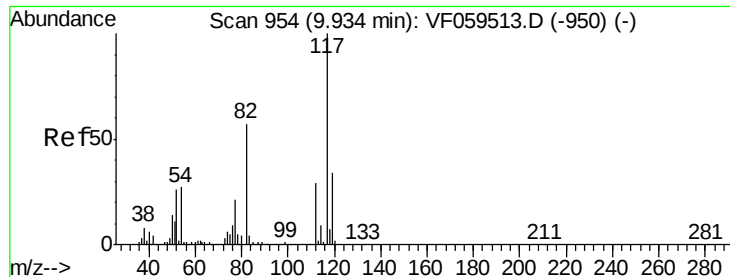
Tot Ion: 98 Resp: 208270
Ion Ratio Lower Upper
98 100
100 67.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 37.63 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF059607.D
Acq: 21 Jul 2018 3:22

Tgt Ion: 95 Resp: 111211
Ion Ratio Lower Upper
95 100
174 87.4 0.0 174.4
176 89.1 0.0 169.4

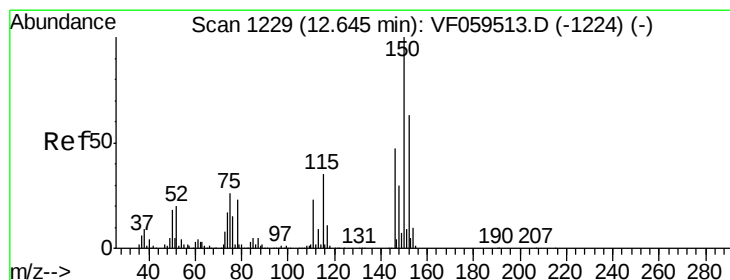
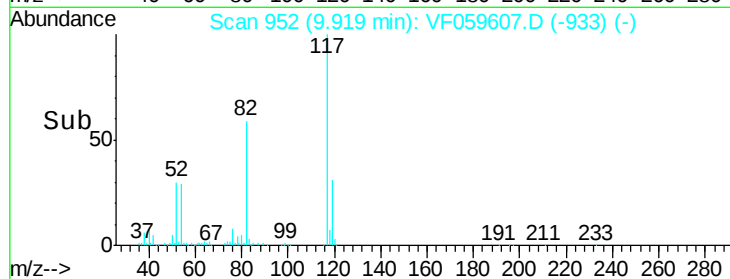
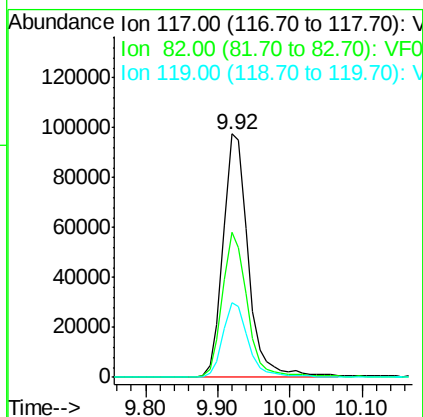
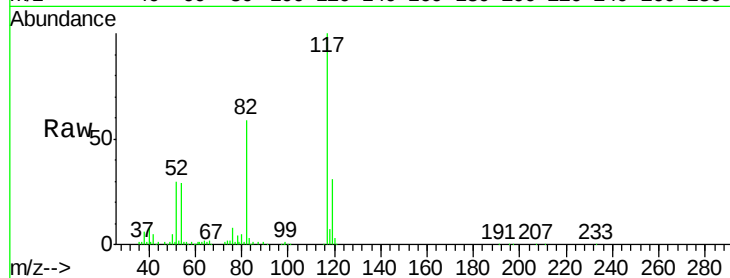




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059607.D
Acq: 21 Jul 2018 3:22

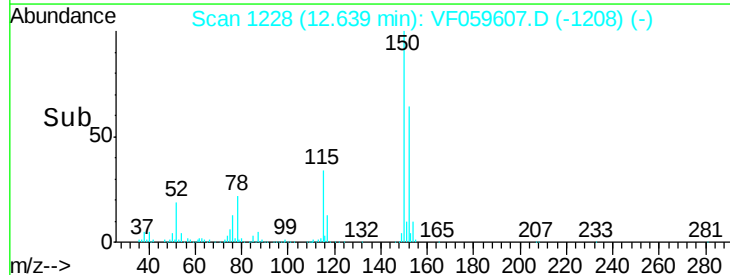
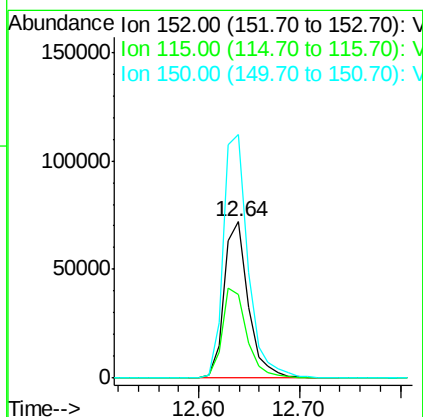
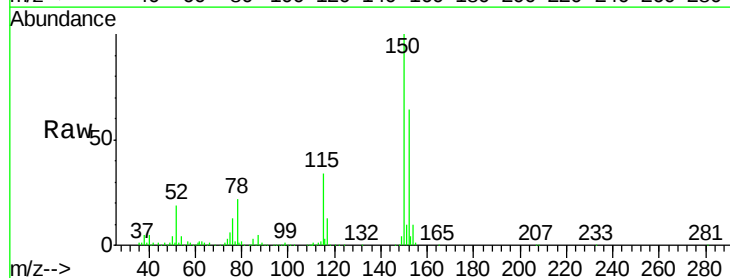
Instrument :
MSVOA_F
ClientSampleId :
OR-01-071918

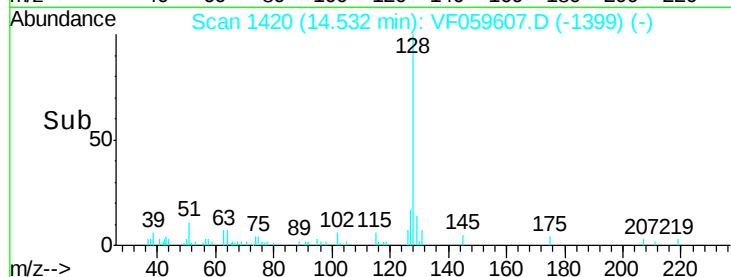
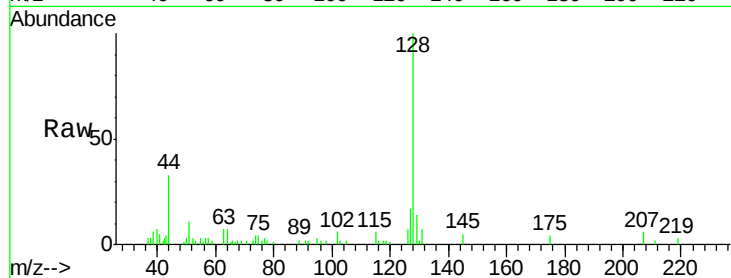
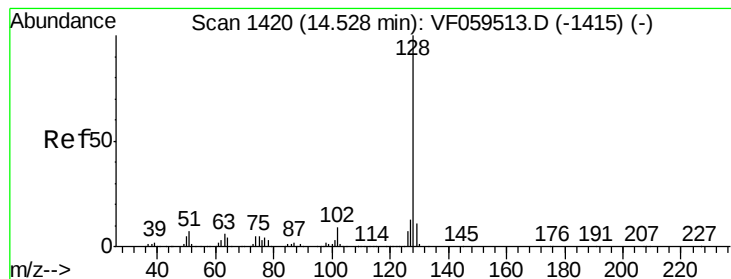
Tot Ion:117 Resp: 237782
Ion Ratio Lower Upper
117 100
82 59.4 46.1 69.1
119 30.8 27.2 40.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF059607.D
Acq: 21 Jul 2018 3:22

Tgt Ion:152 Resp: 120352
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.3
150 156.1 0.0 318.4





#95

Naphthalene

Concen: 2.72 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059607.D

Acq: 21 Jul 2018 3:22

Instrument :

MSVOA_F

ClientSampleId :

OR-01-071918

Tot Ion:128 Resp: 11978

Ion Ratio Lower Upper

128 100

127 16.7 10.2 15.2#

129 14.0 9.0 13.4#

