

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059216.D
 Acq On : 20 Jun 2018 5:49
 Operator : VA/AP
 Sample : J3498-07
 Misc : 3.51g/5mL/MSVOA-F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-D

Quant Time: Jun 20 06:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

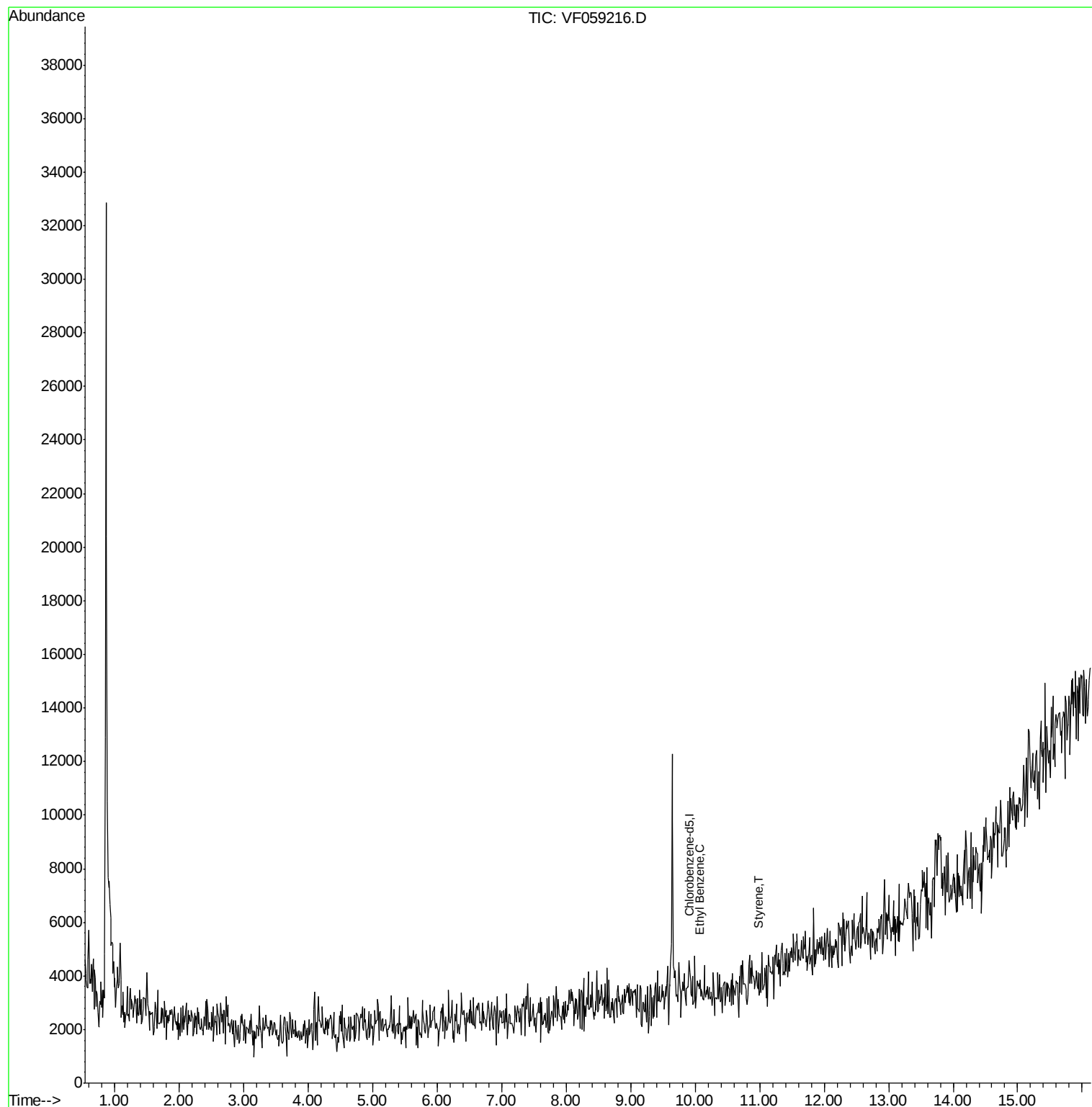
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.04
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	9.92	117	105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.11	65	78	0.00	ug/l	0.09
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	11.49	95	100	0.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
67) Ethyl Benzene	10.07	91	64	17.71	ug/l #	44
70) Styrene	10.97	104	69	31.20	ug/l #	30

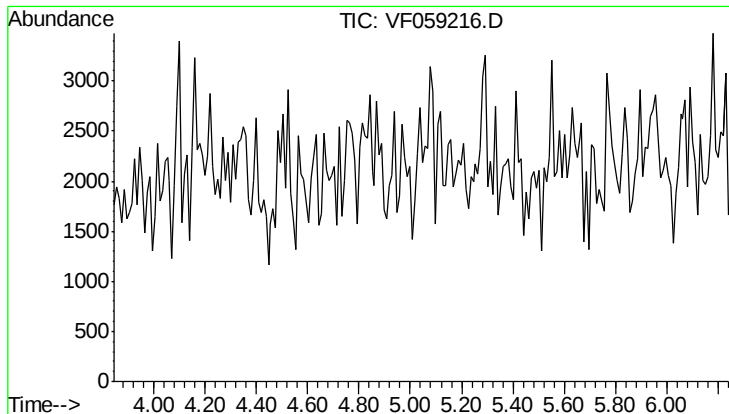
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.04 min

Lab File: VF059216.D

Acq: 20 Jun 2018 5:49

Tot Ion: 168

Sig Exp Ratio

168 100

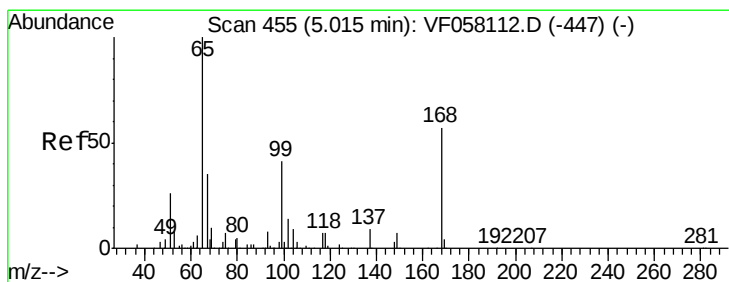
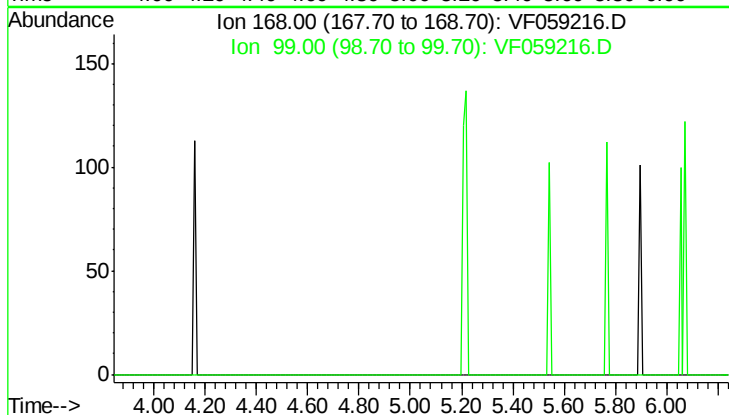
99 66.1

Instrument :

MSVOA_F

ClientSampleId :

TP-G-D



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 5.11 min Scan# 464

Delta R.T. 0.09 min

Lab File: VF059216.D

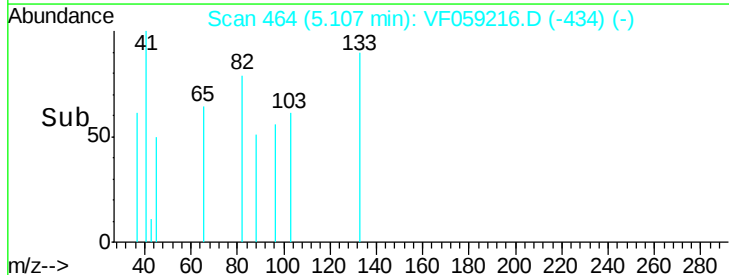
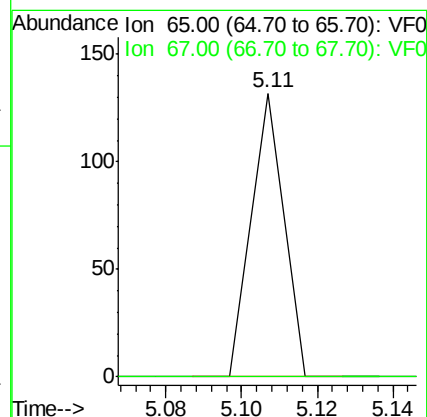
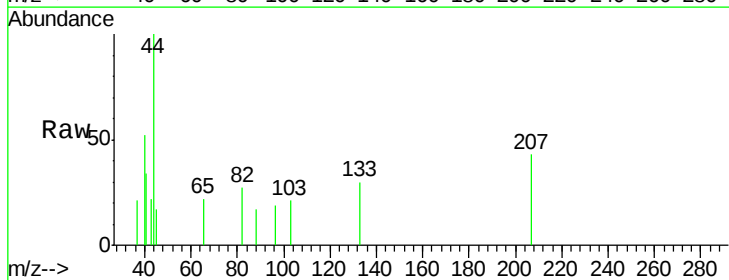
Acq: 20 Jun 2018 5:49

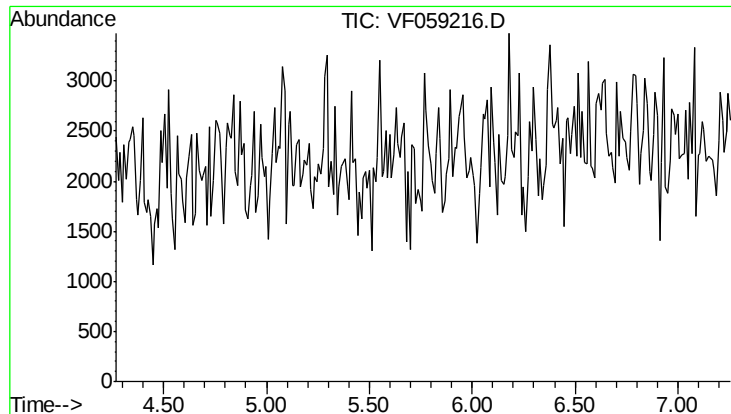
Tgt Ion: 65 Resp: 78

Ion Ratio Lower Upper

65 100

67 0.0 0.0 97.0



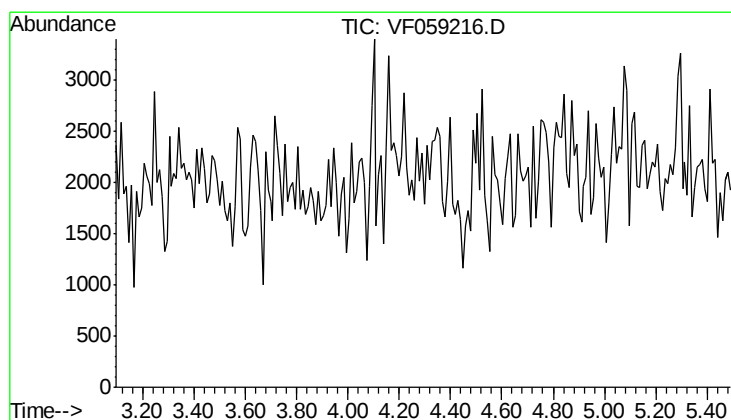
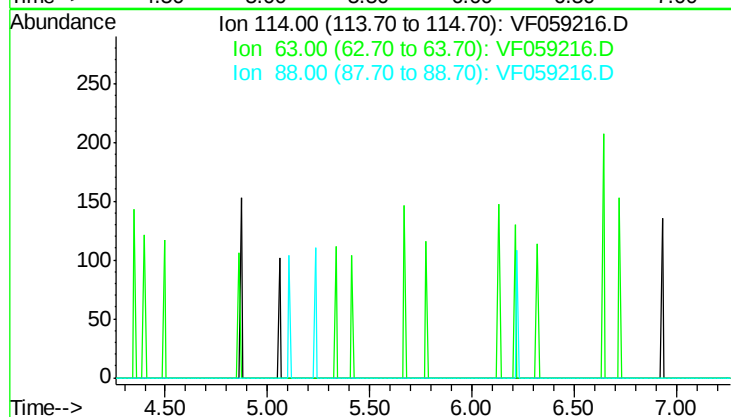


#34
 1,4-Difluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 5.76 min

Lab File: VF059216.D
 Acq: 20 Jun 2018 5:49

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-G-D

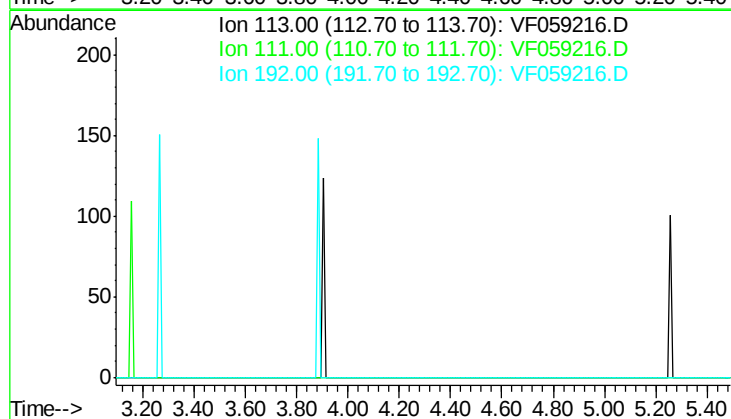
Tot Ion: 114
 Sig Exp Ratio
 114 100
 63 20.8
 88 19.4

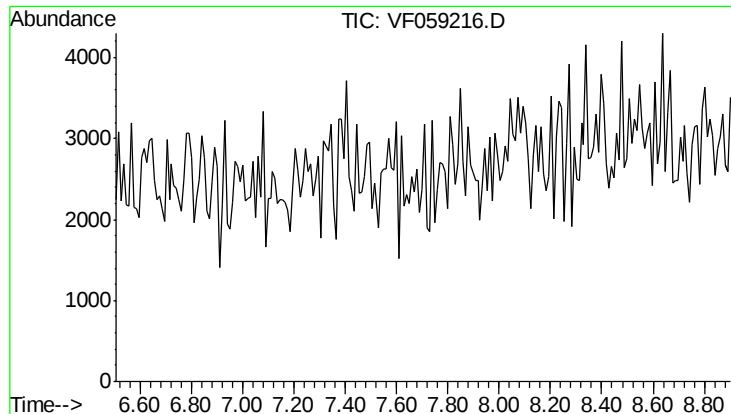


#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 4.30 min

Lab File: VF059216.D
 Acq: 20 Jun 2018 5:49

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 101.6
 192 15.9



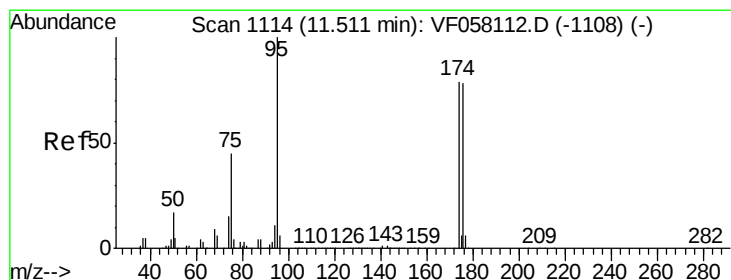
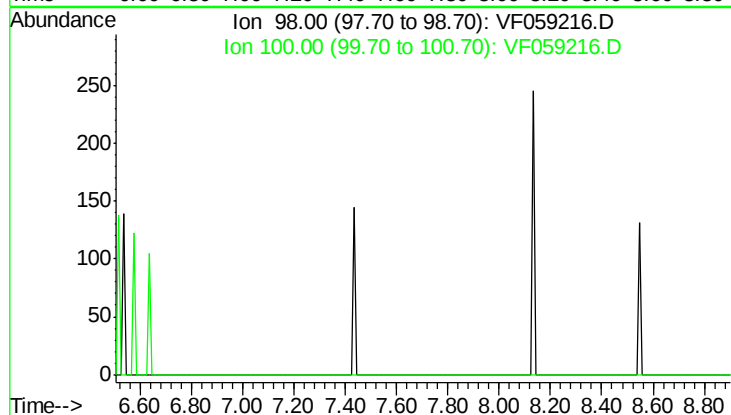


#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 7.71 min

Lab File: VF059216.D
Acq: 20 Jun 2018 5:49

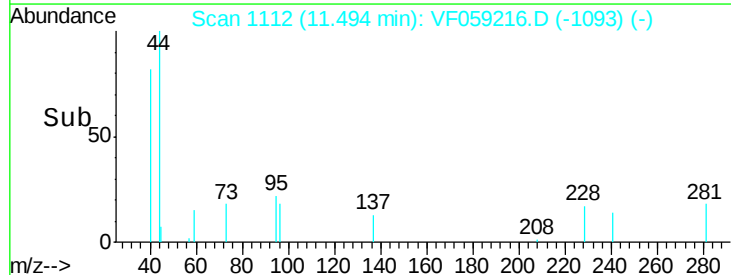
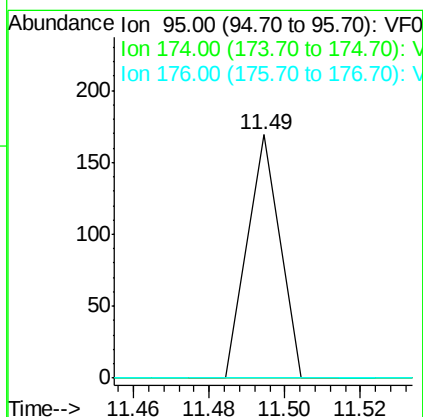
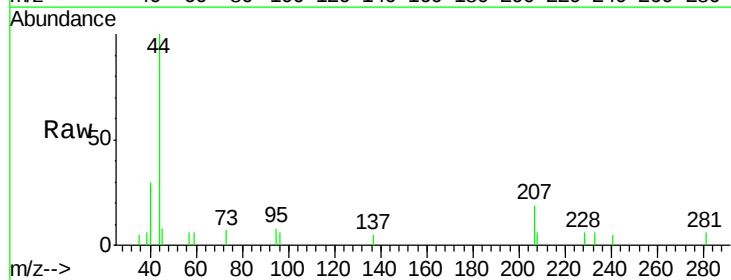
Instrument :
MSVOA_F
ClientSampleId :
TP-G-D

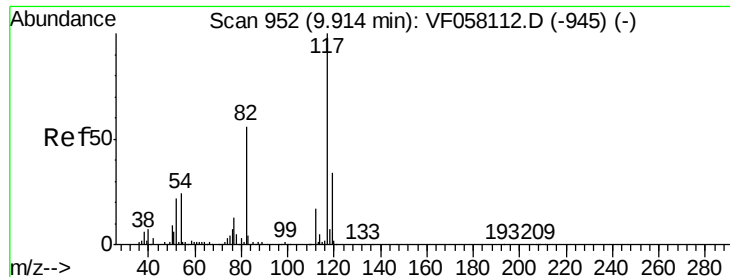
Tot Ion: 98
Sig Exp Ratio
98 100
100 69.5



#62
4-Bromofluorobenzene
Concen: 0.00 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF059216.D
Acq: 20 Jun 2018 5:49

Tgt Ion: 95 Resp: 100
Ion Ratio Lower Upper
95 100
174 0.0 0.0 157.8
176 0.0 0.0 155.8

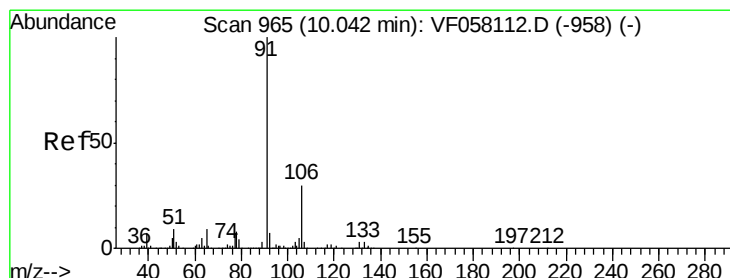
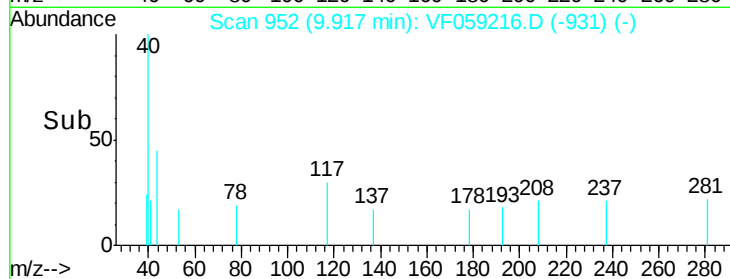
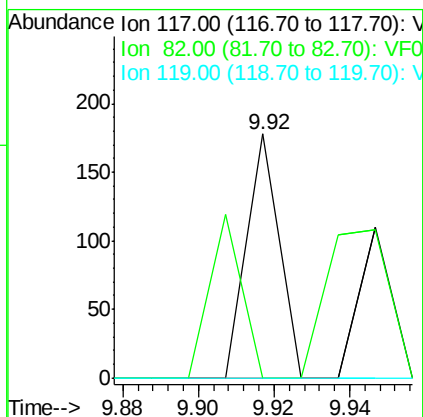
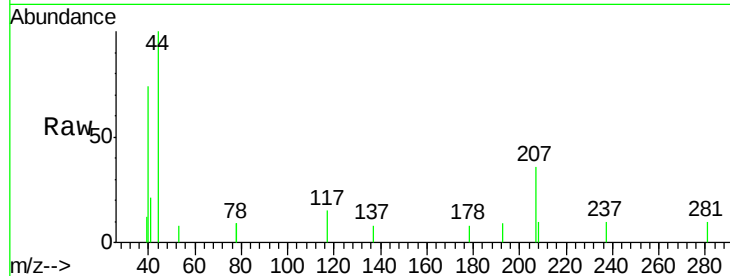




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059216.D
Acq: 20 Jun 2018 5:49

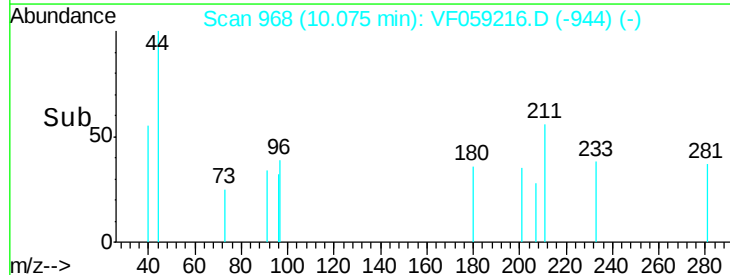
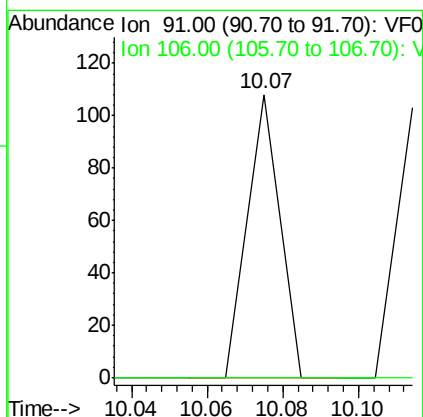
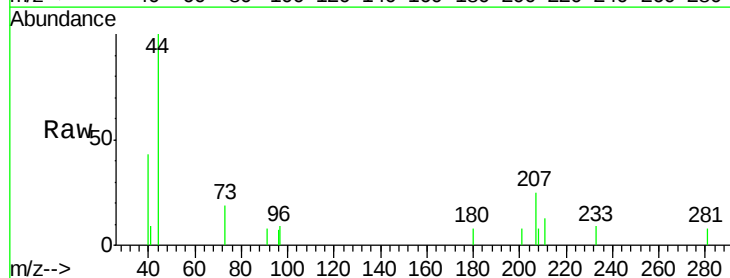
Instrument :
MSVOA_F
ClientSampled :
TP-G-D

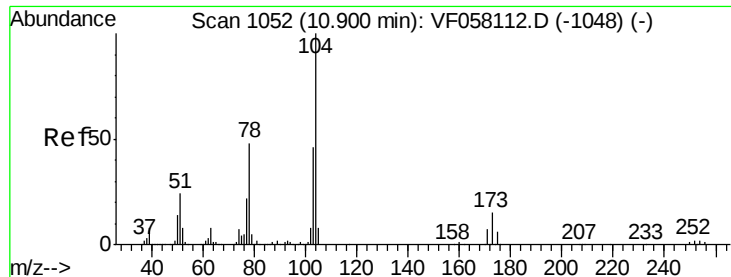
Tot Ion:117 Resp: 105
Ion Ratio Lower Upper
117 100
82 0.0 45.2 67.8#
119 0.0 27.5 41.3#



#67
Ethyl Benzene
Concen: 17.71 ug/l
RT: 10.07 min Scan# 968
Delta R.T. 0.03 min
Lab File: VF059216.D
Acq: 20 Jun 2018 5:49

Tgt Ion: 91 Resp: 64
Ion Ratio Lower Upper
91 100
106 0.0 24.2 36.4#





#70

Stvrene

Concen: 31.20 ug/l

RT: 10.97 min Scan# 1059

Delta R.T. 0.07 min

Lab File: VF059216.D

Acq: 20 Jun 2018 5:49

Instrument :

MSVOA_F

ClientSampleId :

TP-G-D

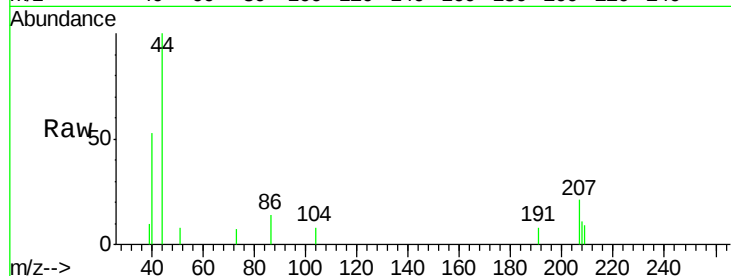
Tot Ion:104 Resp: 69

Ion Ratio Lower Upper

104 100

78 0.0 38.4 57.6#

103 0.0 37.0 55.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V

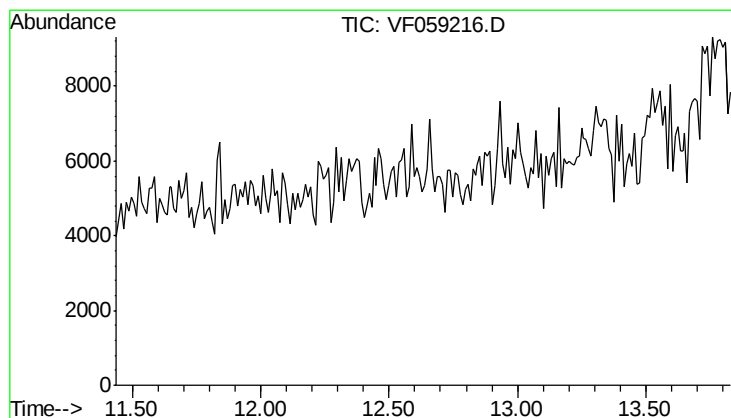
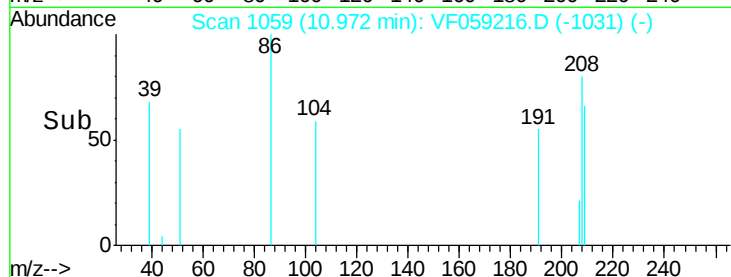
10.97

100

50

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 0.00 ug/l

Expected RT: 12.63 min

Lab File: VF059216.D

Acq: 20 Jun 2018 5:49

Tgt Ion: 152

Sig Exp Ratio

152 100

115 57.0

150 161.9

