

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059651.D
 Acq On : 25 Jul 2018 00:55
 Operator : VA/AP
 Sample : J4106-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MOLA-BOULEVARD

Quant Time: Jul 25 06:40:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	235705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	339648	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	295982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	164826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	171578	52.24	ug/l	0.00
Spiked Amount						
			Recovery	=	104.48%	
35) Dibromofluoromethane	4.27	113	169165	55.34	ug/l	0.00
Spiked Amount						
			Recovery	=	110.68%	
50) Toluene-d8	7.70	98	368255	49.43	ug/l	0.00
Spiked Amount						
			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.50	95	166225	43.42	ug/l	0.00
Spiked Amount						
			Recovery	=	86.84%	

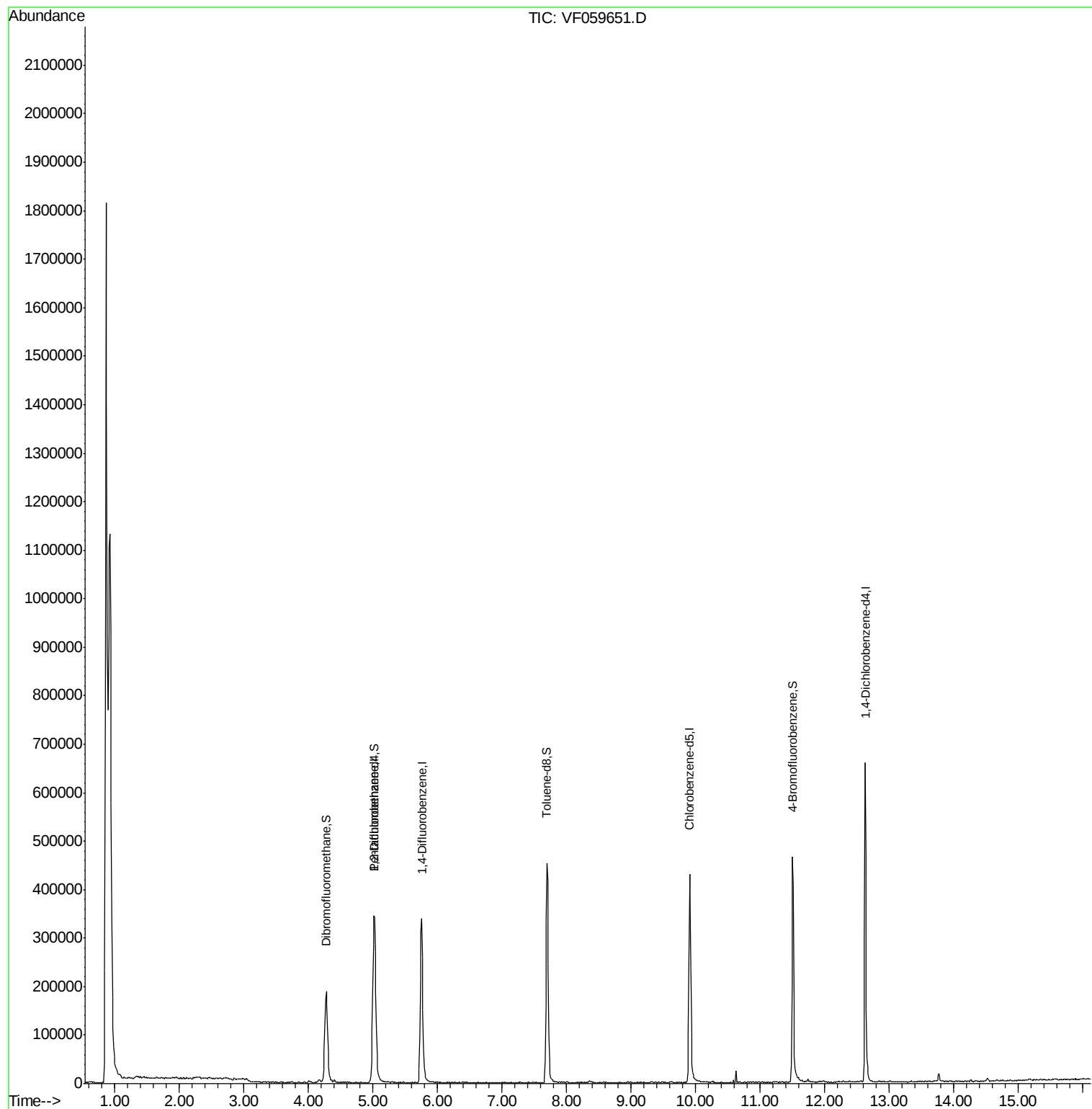
Target Compounds	Qvalue
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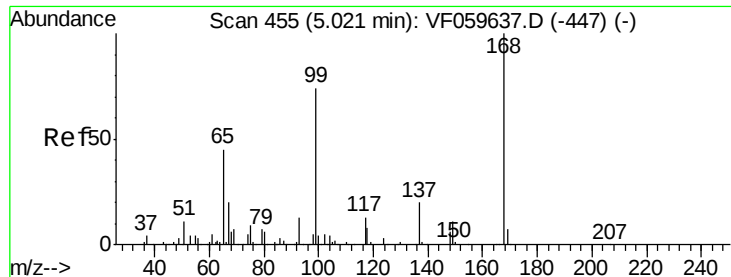
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059651.D

Acq: 25 Jul 2018 00:55

Instrument :

MSVOA_F

ClientSampleId :

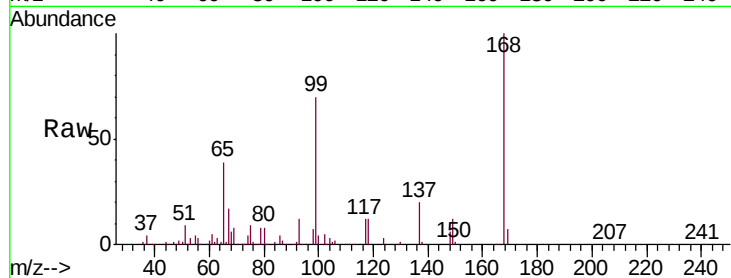
MOLA-BOULEVARD

Tot Ion:168 Resp: 235705

Ion Ratio Lower Upper

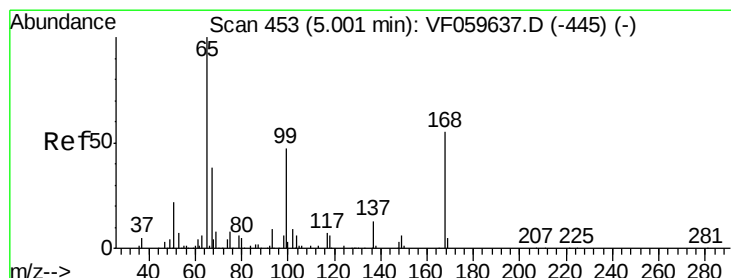
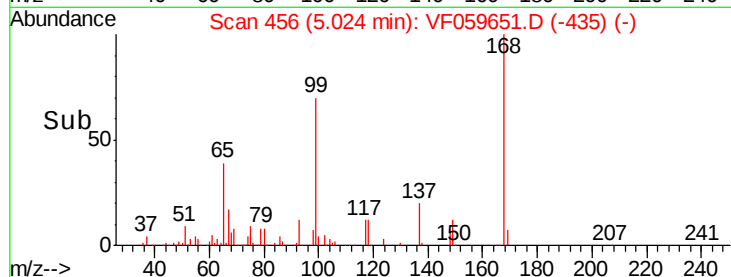
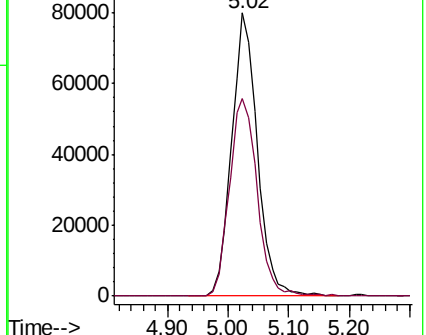
168 100

99 69.9 59.5 89.3



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: 52.243 ug/l

RT: 5.00 min Scan# 454

Delta R.T. 0.00 min

Lab File: VF059651.D

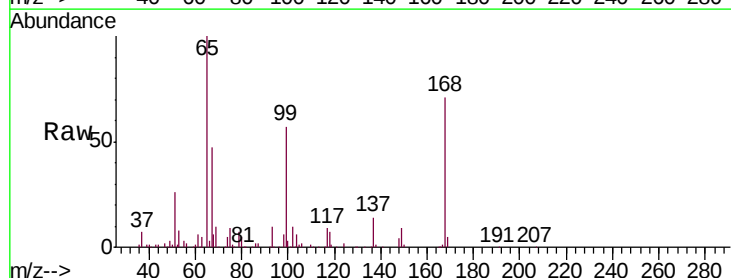
Acq: 25 Jul 2018 00:55

Tgt Ion: 65 Resp: 171578

Ion Ratio Lower Upper

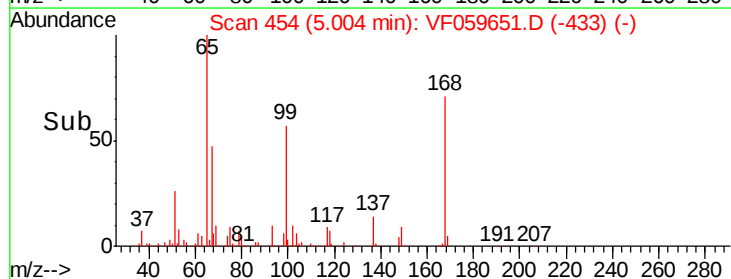
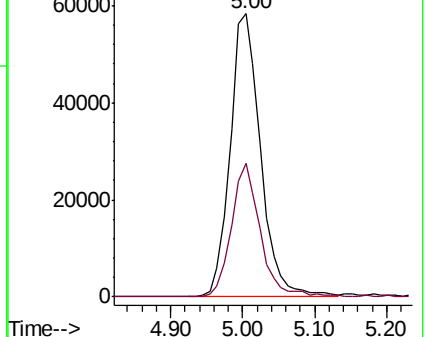
65 100

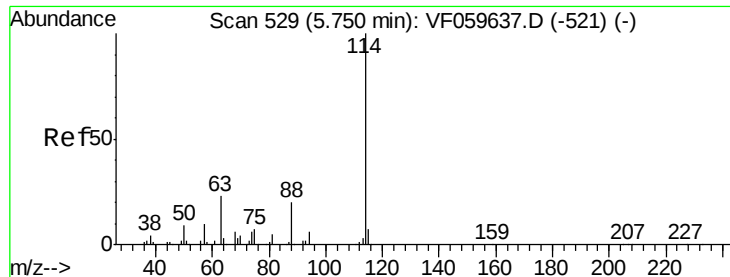
67 47.1 0.0 86.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

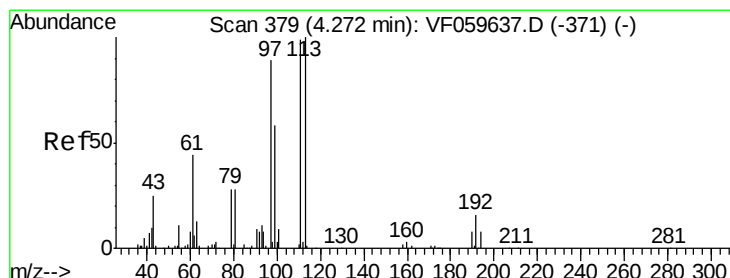
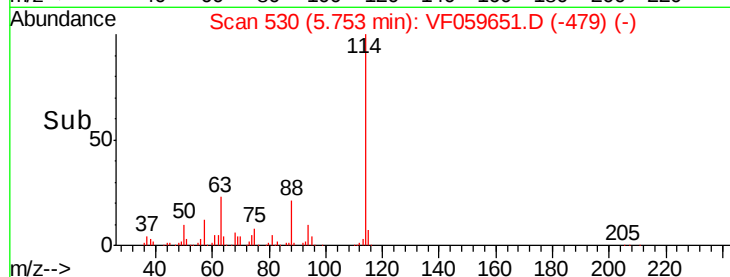
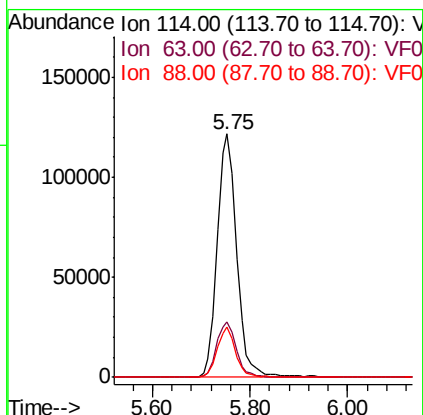
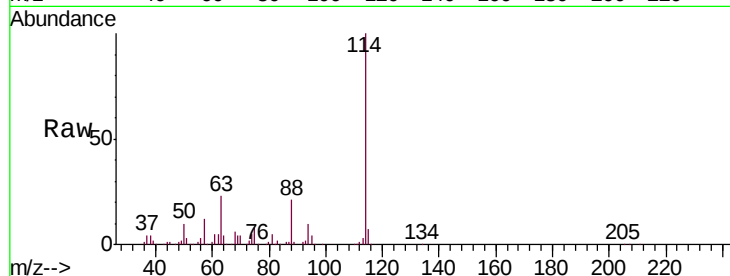




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VF059651.D
 Acq: 25 Jul 2018 00:55

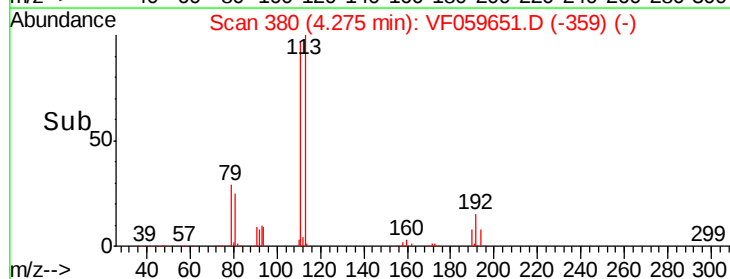
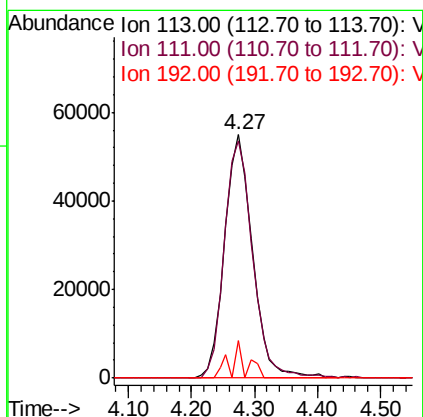
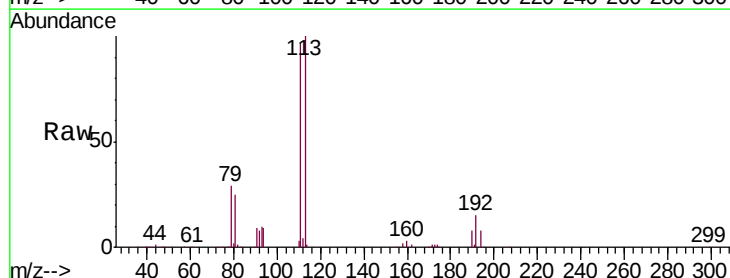
Instrument :
 MSVOA_F
 ClientSampleId :
 MOLA-BOULEVARD

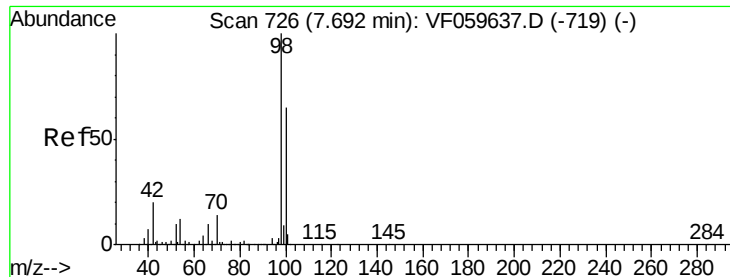
Tot Ion:114 Resp: 339648
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 20.8 0.0 40.8



#35
 Dibromofluoromethane
 Concen: 55.342 ug/l
 RT: 4.27 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VF059651.D
 Acq: 25 Jul 2018 00:55

Tgt Ion:113 Resp: 169165
 Ion Ratio Lower Upper
 113 100
 111 97.4 79.3 118.9
 192 15.2 13.4 20.2

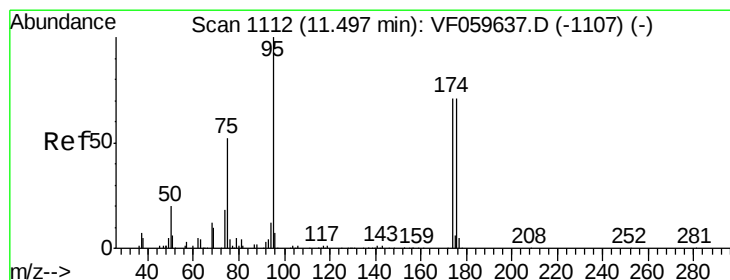
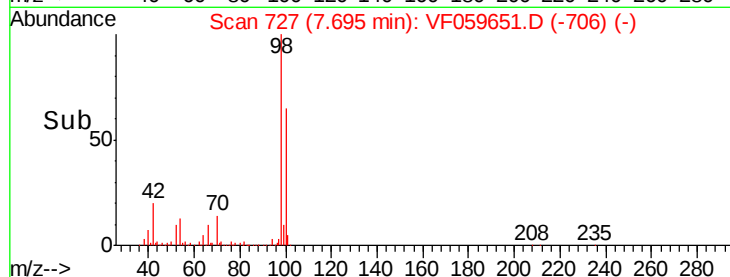
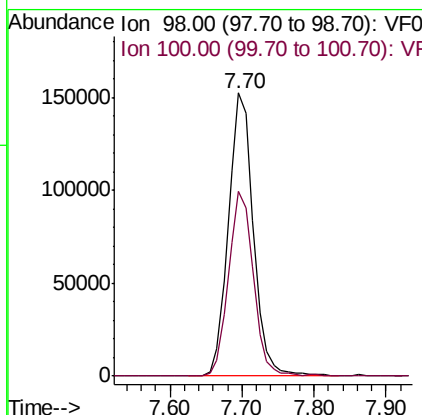
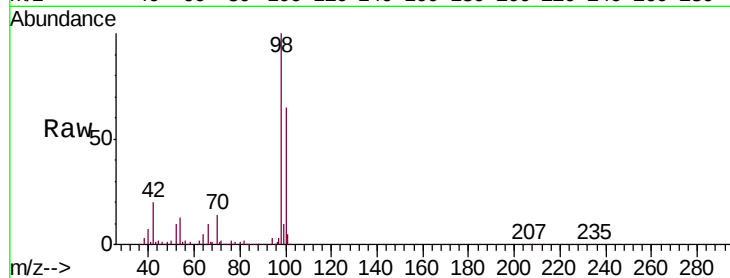




#50
Toluene-d8
Concen: 49.429 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF059651.D
Acq: 25 Jul 2018 00:55

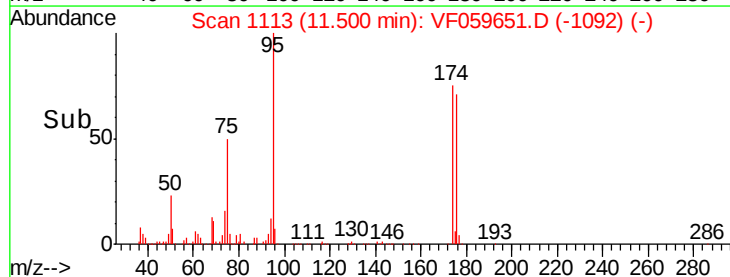
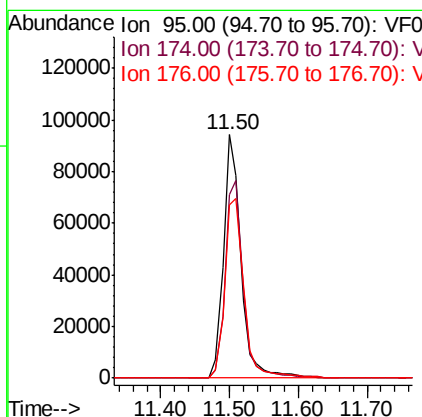
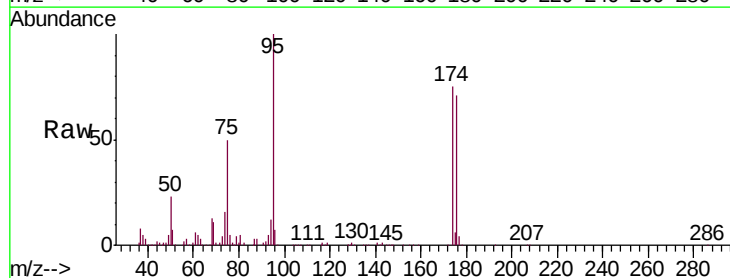
Instrument :
MSVOA_F
ClientSampleId :
MOLA-BOULEVARD

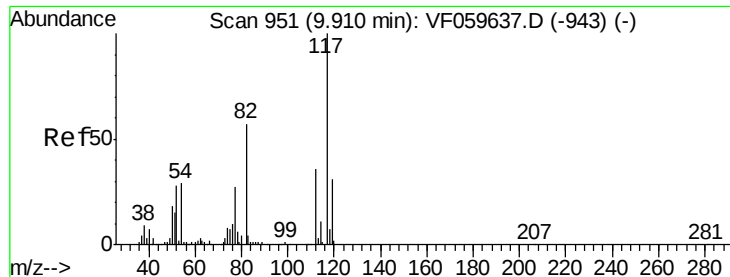
Tot Ion: 98 Resp: 368255
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.420 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF059651.D
Acq: 25 Jul 2018 00:55

Tgt Ion: 95 Resp: 166225
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 71.1 0.0 142.0

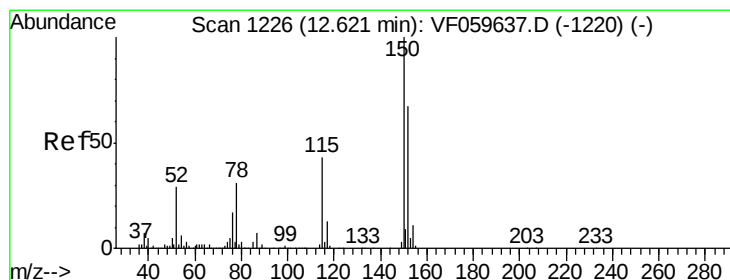
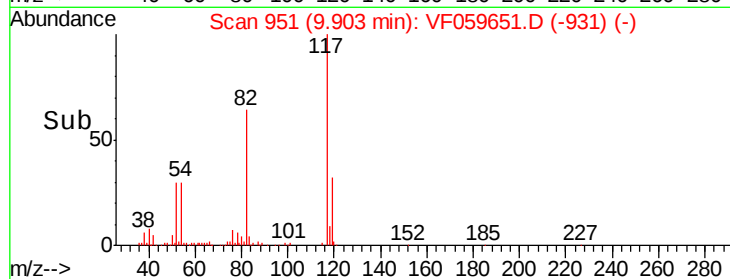
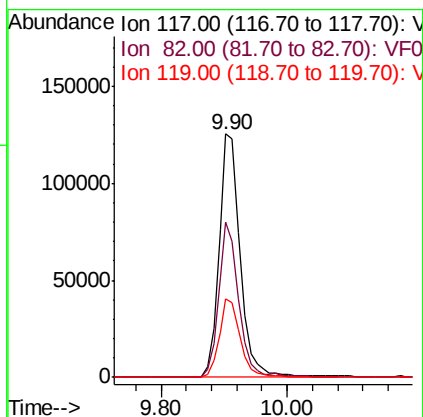
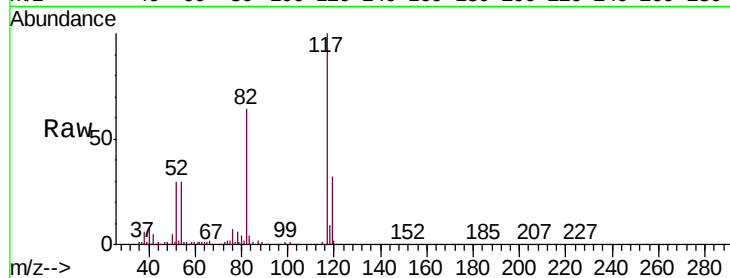




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059651.D
Acq: 25 Jul 2018 00:55

Instrument :
MSVOA_F
ClientSampleId :
MOLA-BOULEVARD

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.8	45.9	68.9
119	32.1	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059651.D
Acq: 25 Jul 2018 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.0	96.2
150	155.4	0.0	313.2

