

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059363.D
 Acq On : 28 Jun 2018 16:28
 Operator : VA/AP
 Sample : J3242-09RE
 Misc : 5.75g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-062618-ERE

Quant Time: Jun 29 05:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	228812	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	362150	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	308191	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	129135	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	136199	46.07	ug/l	0.02
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	4.29	113	130074	49.16	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	7.71	98	241278	36.83	ug/l	0.02
Spiked Amount	50.000		Recovery	=	73.66%	
62) 4-Bromofluorobenzene	11.51	95	134975	36.52	ug/l	0.02
Spiked Amount	50.000		Recovery	=	73.04%	

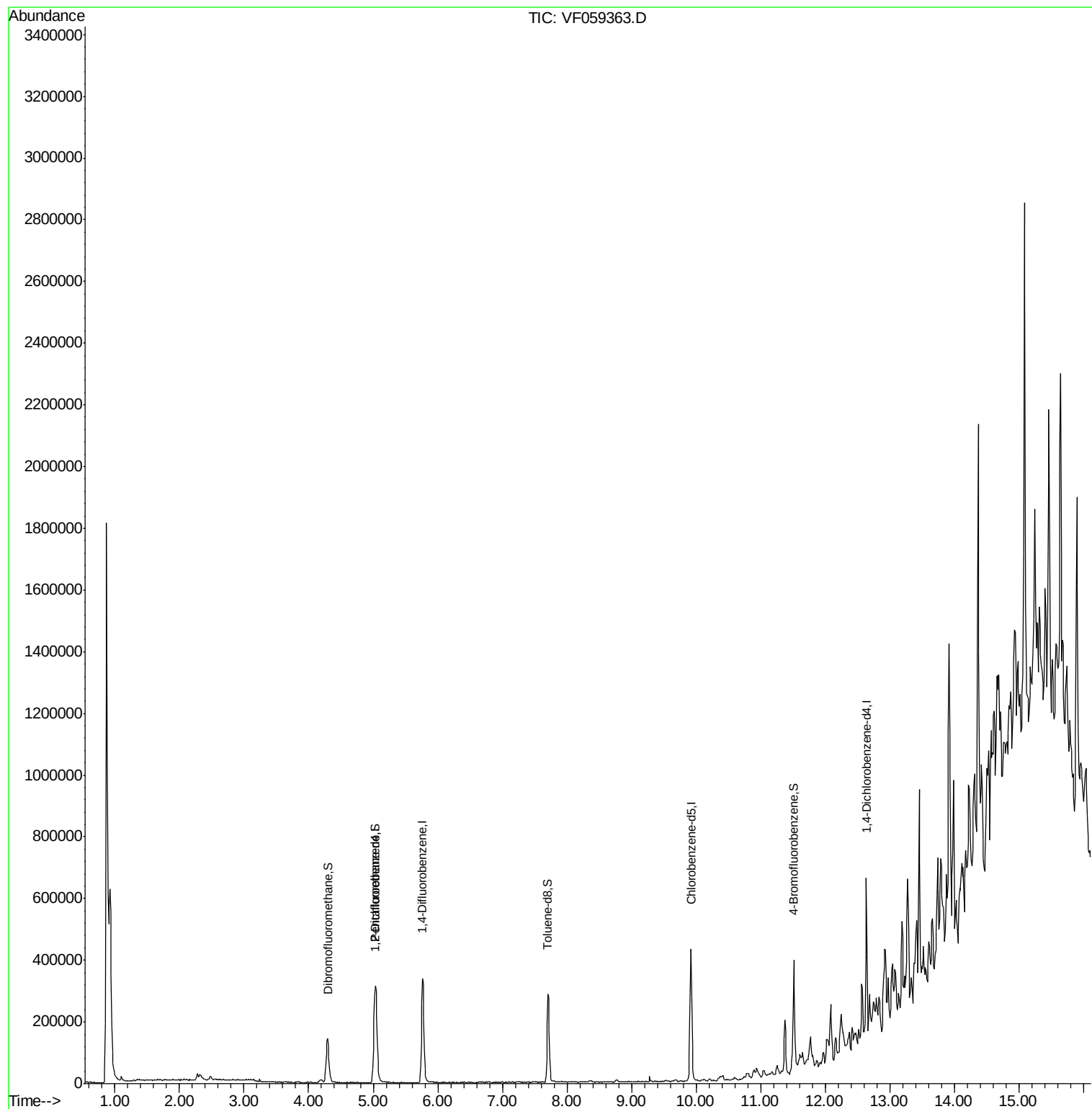
Target Compounds	Qvalue

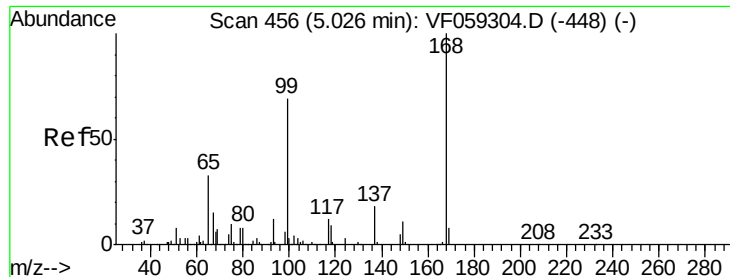
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059363.D

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Instrument :

MSVOA_F

ClientSampleId :

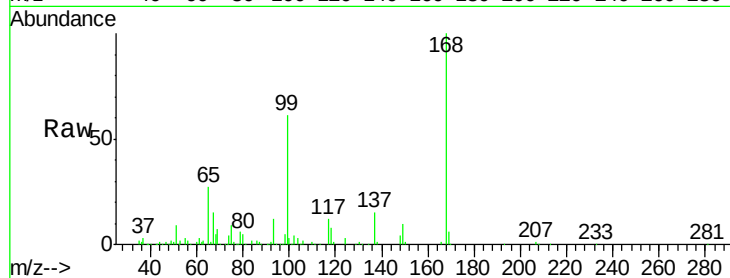
JC-02-062618-ERE

Tot Ion:168 Resp: 228812

Ion Ratio Lower Upper

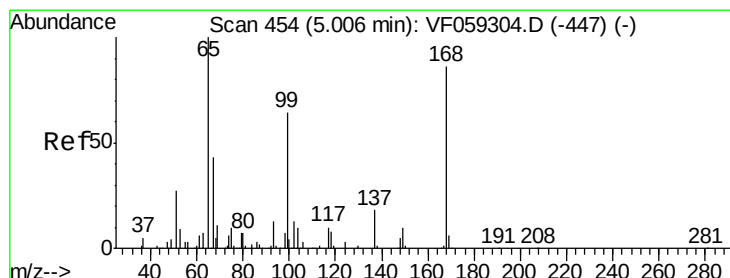
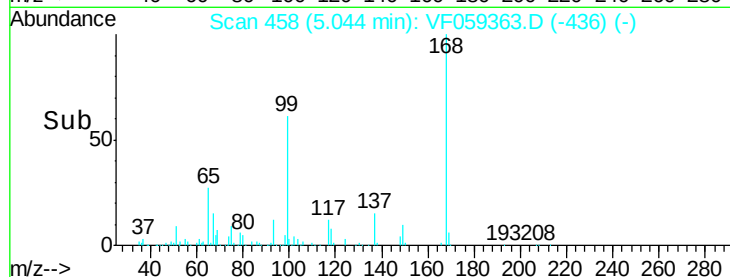
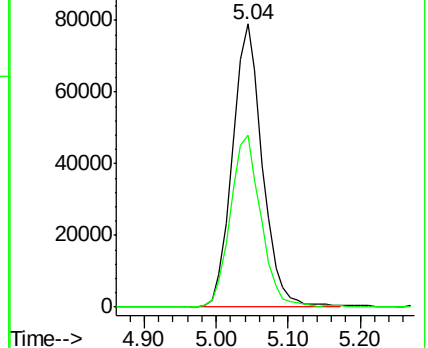
168 100

99 60.6 54.9 82.3



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: 46.07 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059363.D

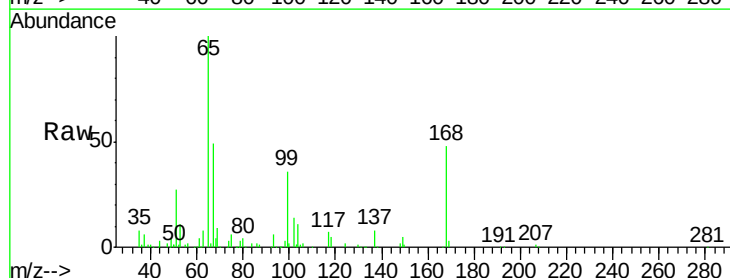
Acq: 28 Jun 2018 16:28

Tgt Ion: 65 Resp: 136199

Ion Ratio Lower Upper

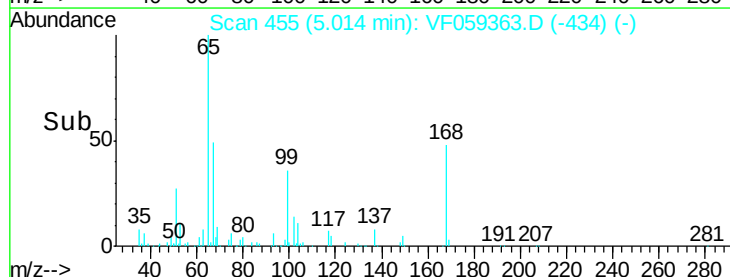
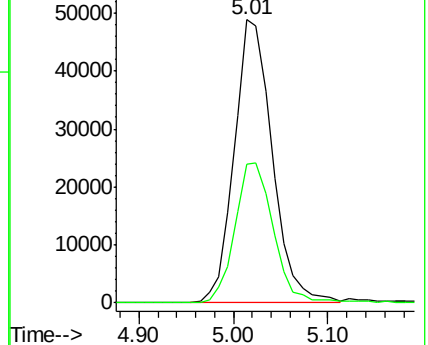
65 100

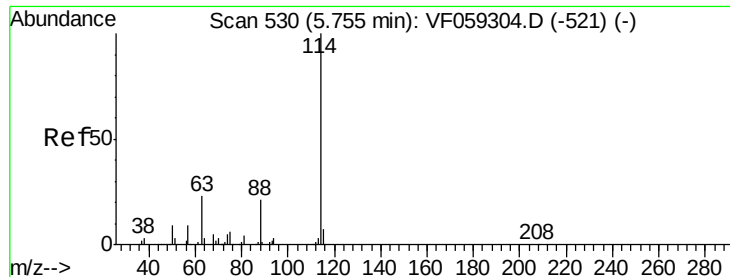
67 48.9 0.0 96.8



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# 531

Delta R.T. 0.01 min

Lab File: VF059363.D

Acq: 28 Jun 2018 16:28

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-ERE

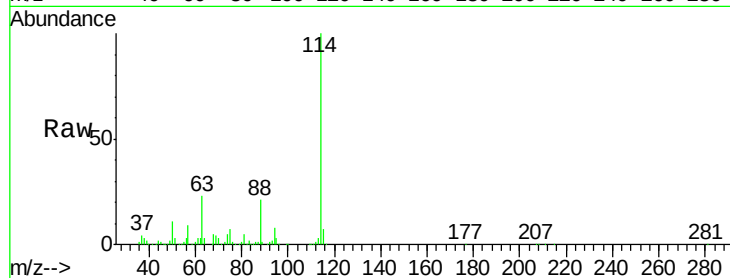
Tot Ion:114 Resp: 362150

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.8

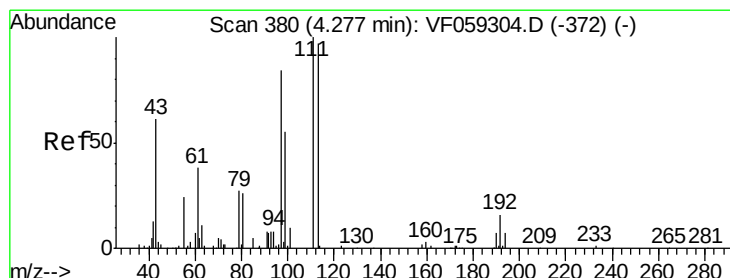
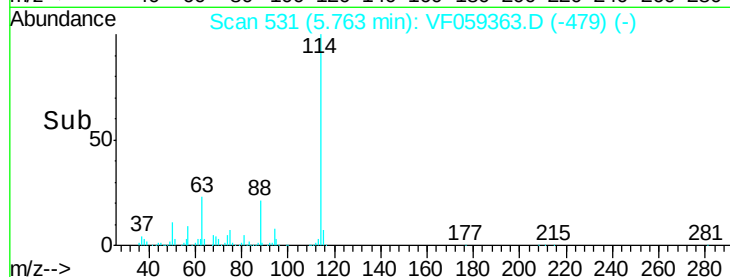
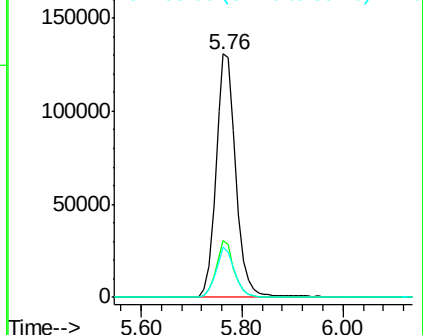
88 20.9 0.0 41.2



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: 49.16 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.02 min

Lab File: VF059363.D

Acq: 28 Jun 2018 16:28

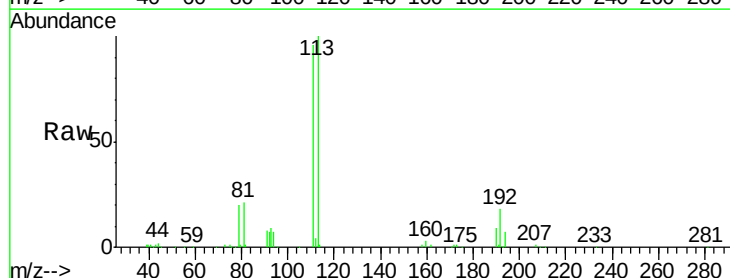
Tgt Ion:113 Resp: 130074

Ion Ratio Lower Upper

113 100

111 95.9 82.1 123.1

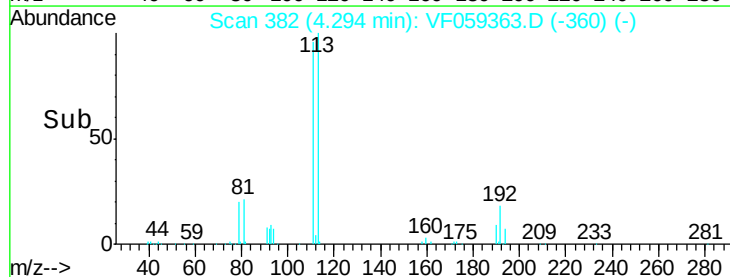
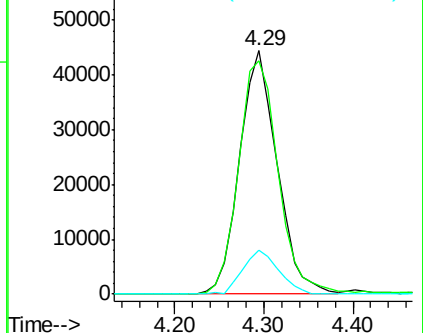
192 18.3 13.0 19.6

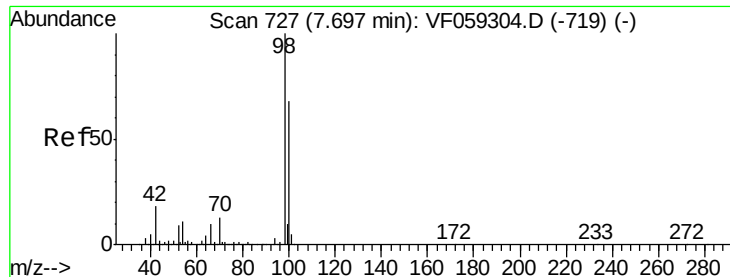


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

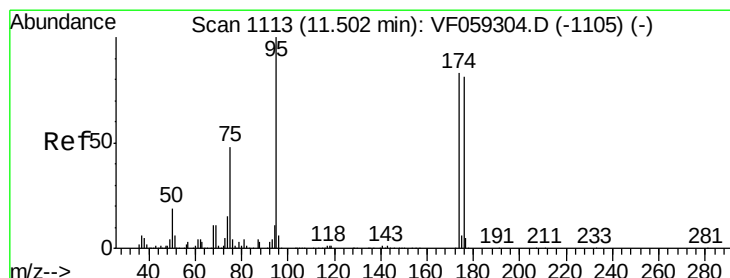
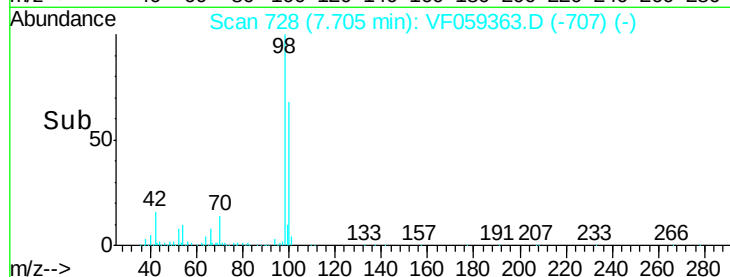
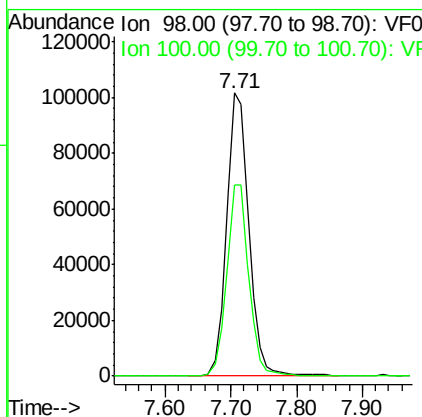
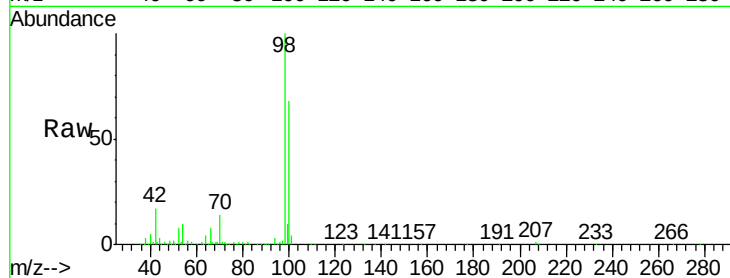




#50
Toluene-d8
Concen: 36.83 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059363.D
Acq: 28 Jun 2018 16:28

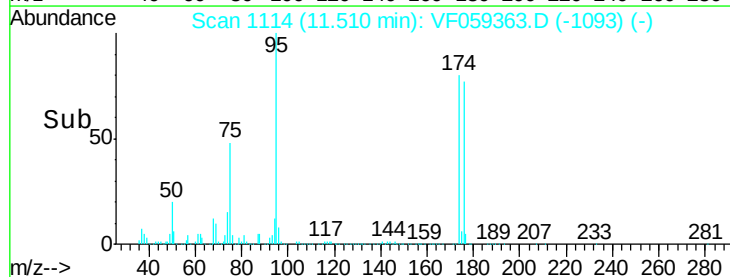
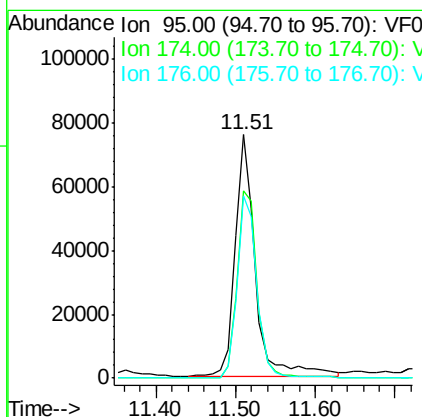
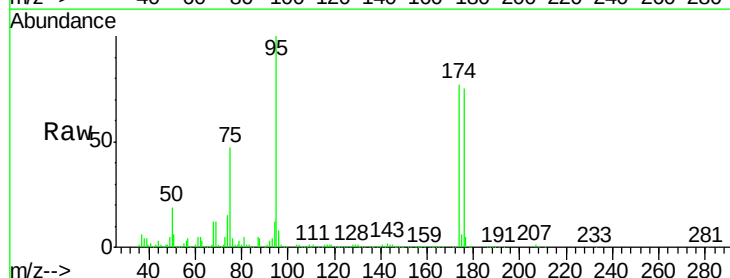
Instrument :
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JC-02-062618-ERE

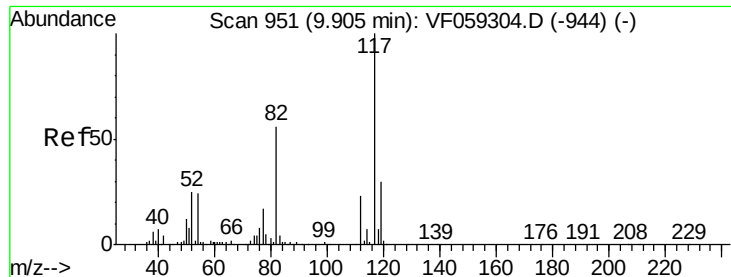
Tot Ion: 98 Resp: 241278
Ion Ratio Lower Upper
98 100
100 67.7 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 36.52 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059363.D
Acq: 28 Jun 2018 16:28

Tgt Ion: 95 Resp: 134975
Ion Ratio Lower Upper
95 100
174 76.9 0.0 165.2
176 74.7 0.0 161.0

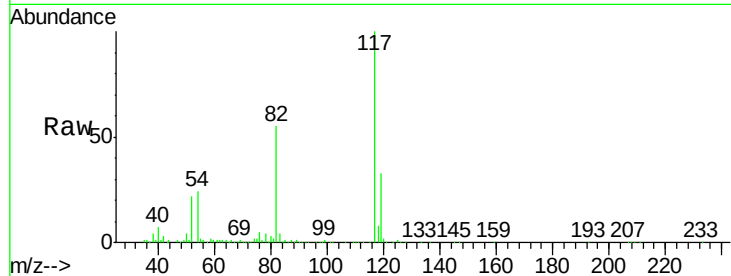




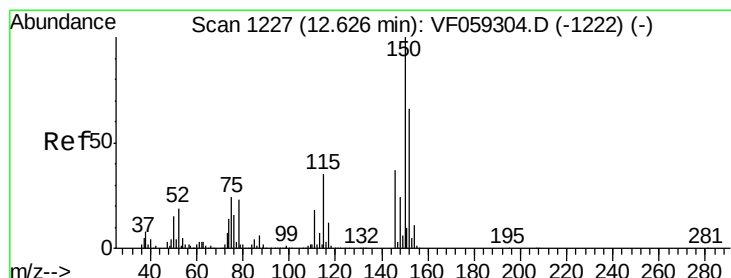
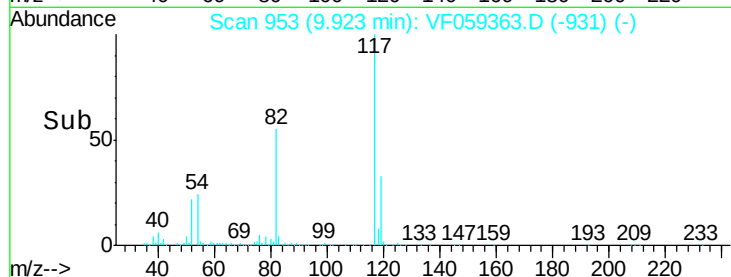
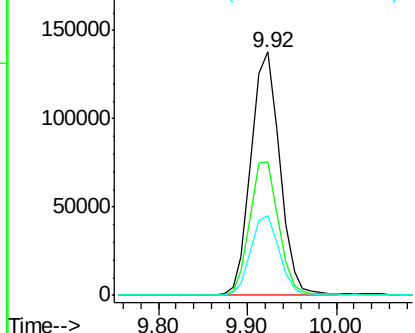
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF059363.D
Acq: 28 Jun 2018 16:28

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-ERE

Tot Ion:117 Resp: 308191
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 32.7 24.1 36.1

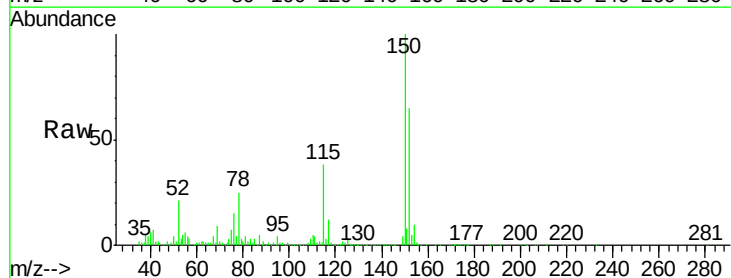


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059363.D
Acq: 28 Jun 2018 16:28

Tgt Ion:152 Resp: 129135
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 154.4 0.0 305.2



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

