

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059364.D
 Acq On : 28 Jun 2018 16:56
 Operator : VA/AP
 Sample : J3242-09
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 29 05:08:15 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	276980	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	426087	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	366499	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	176254	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	148391	41.47	ug/l	0.01
Spiked Amount	50.000		Recovery	=	82.94%	
35) Dibromofluoromethane	4.29	113	146900	47.18	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	7.71	98	280099	36.34	ug/l	0.01
Spiked Amount	50.000		Recovery	=	72.68%	
62) 4-Bromofluorobenzene	11.51	95	163462	37.59	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.18%	

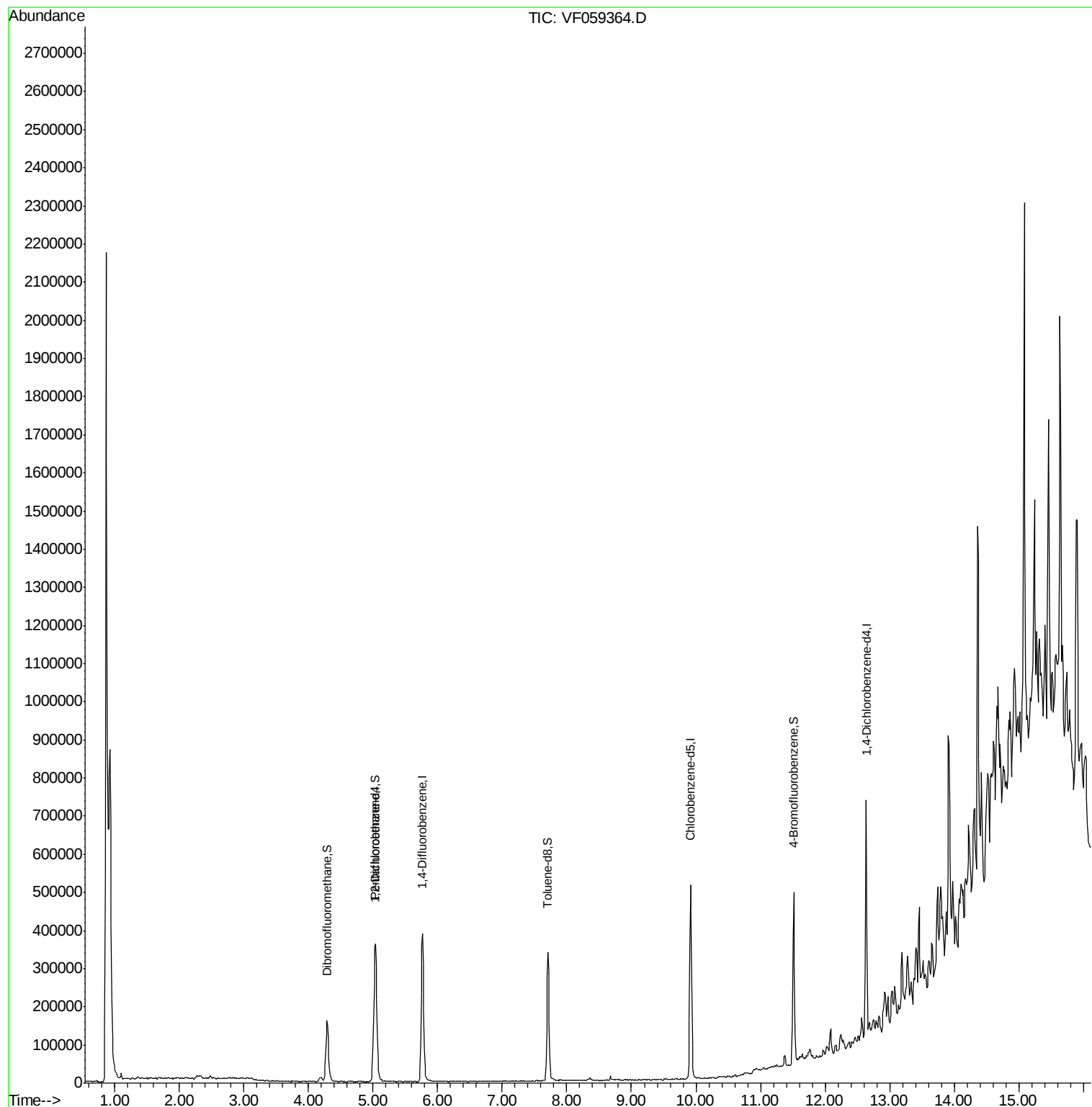
Target Compounds	Qvalue

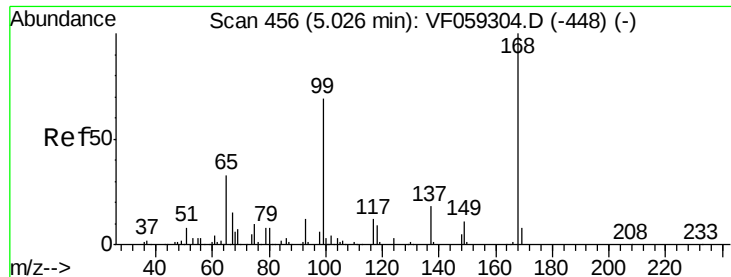
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059364.D

Acq: 28 Jun 2018 16:56

Instrument :

MSVOA_F

ClientSampleId :

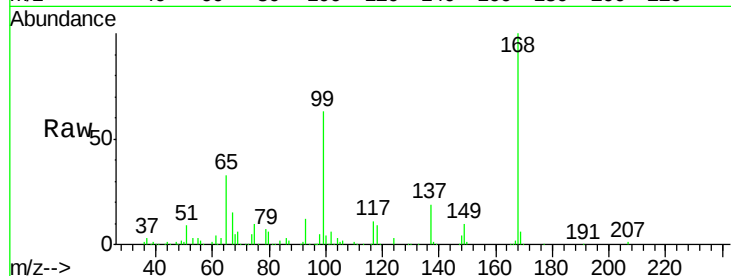
JC-02-062618-E

Tot Ion:168 Resp: 276980

Ion Ratio Lower Upper

168 100

99 63.0 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

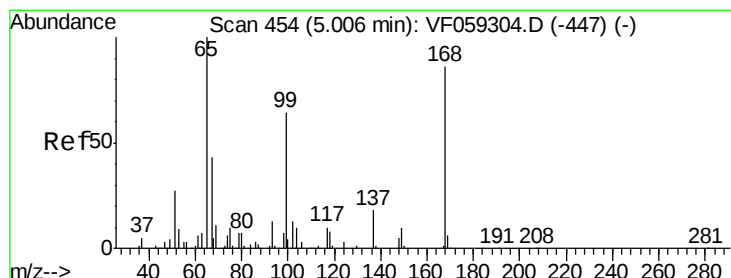
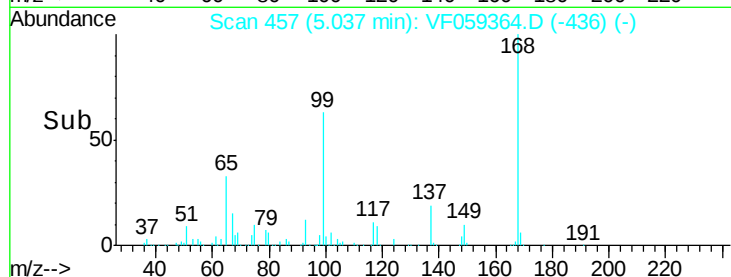
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.47 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059364.D

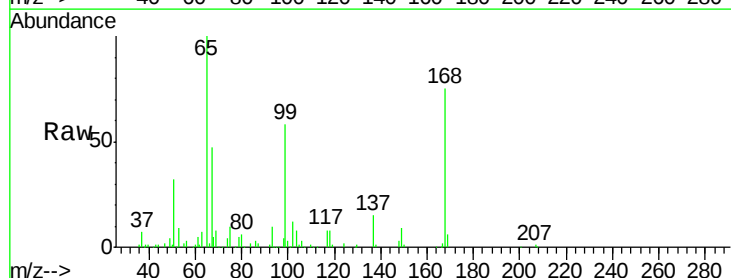
Acq: 28 Jun 2018 16:56

Tgt Ion: 65 Resp: 148391

Ion Ratio Lower Upper

65 100

67 46.6 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

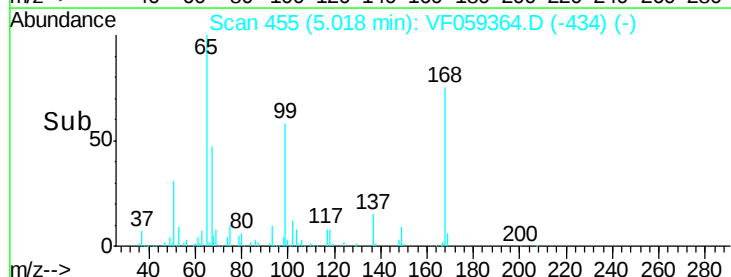
30000

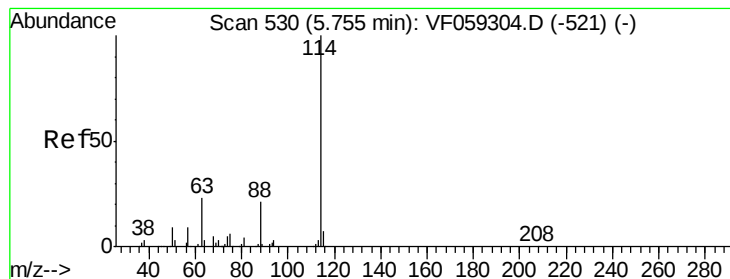
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059364.D

Acq: 28 Jun 2018 16:56

Instrument :

MSVOA_F

ClientSampleId :

JC-02-062618-E

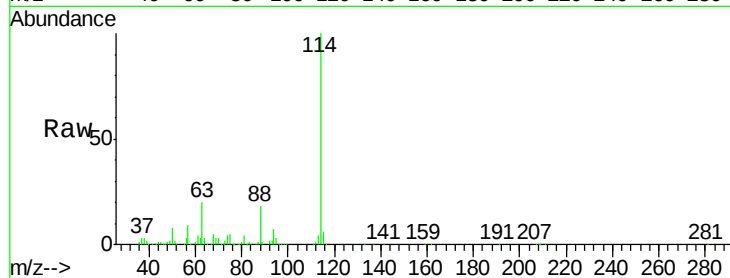
Tot Ion:114 Resp: 426087

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.8

88 18.2 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

200000

150000

100000

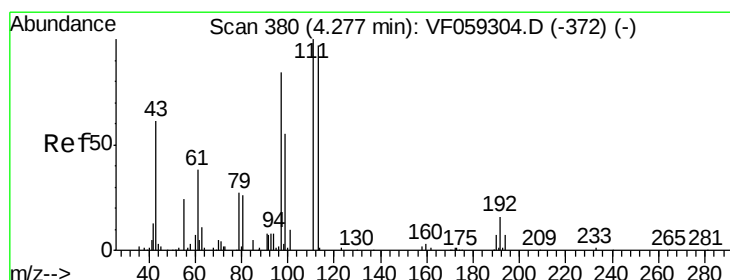
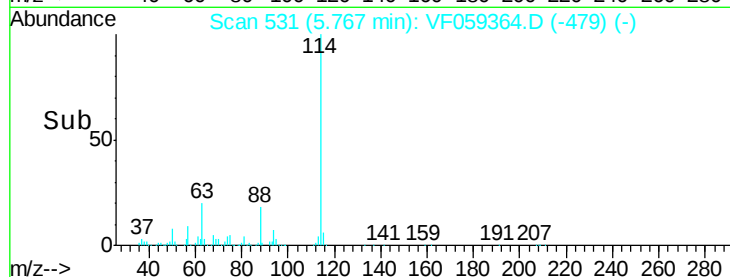
50000

0

5.60 5.70 5.80 5.90 6.00

5.77

Time-->



#35

Dibromofluoromethane

Concen: 47.18 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059364.D

Acq: 28 Jun 2018 16:56

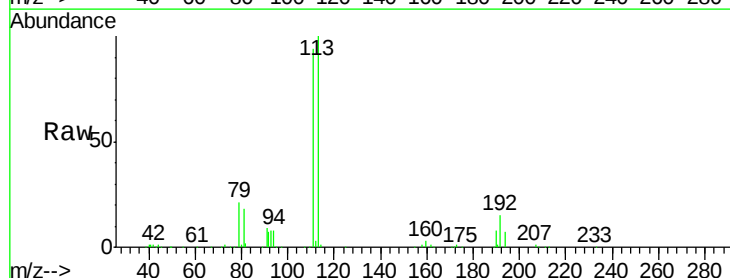
Tgt Ion:113 Resp: 146900

Ion Ratio Lower Upper

113 100

111 93.8 82.1 123.1

192 15.4 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

60000

40000

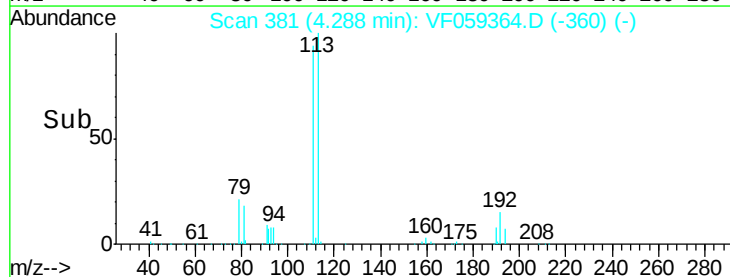
20000

0

4.10 4.20 4.30 4.40 4.50

4.29

Time-->

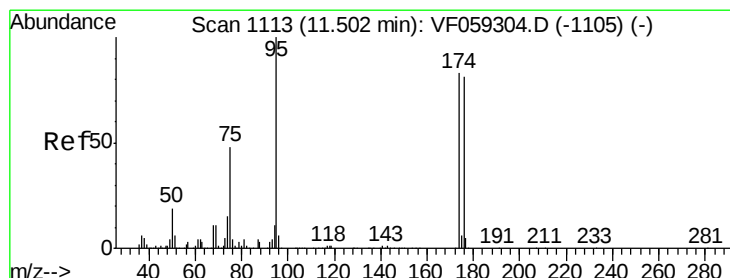
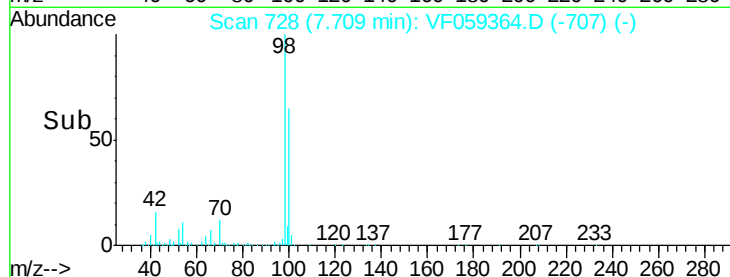
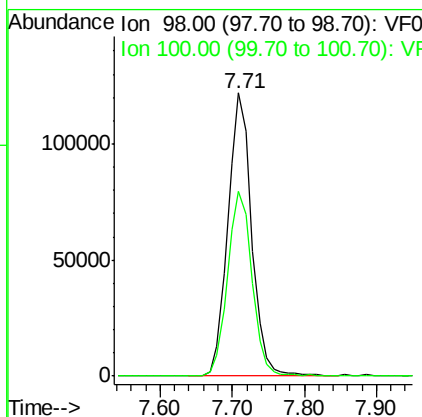
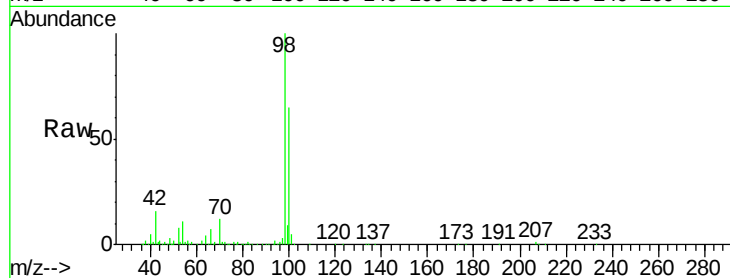




#50
Toluene-d8
Concen: 36.34 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059364.D
Acq: 28 Jun 2018 16:56

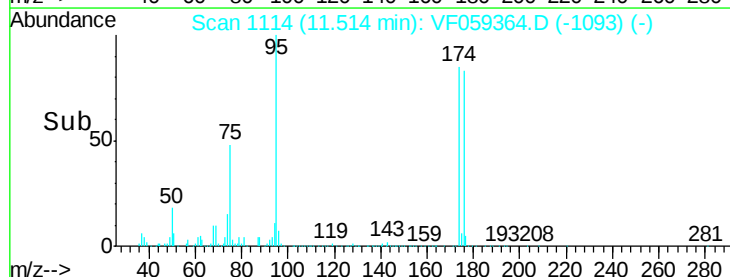
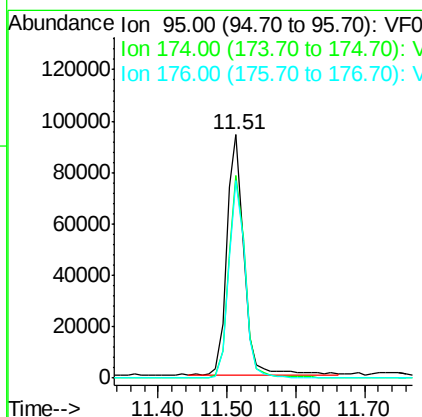
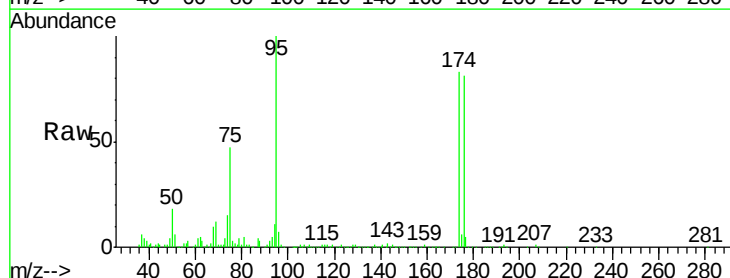
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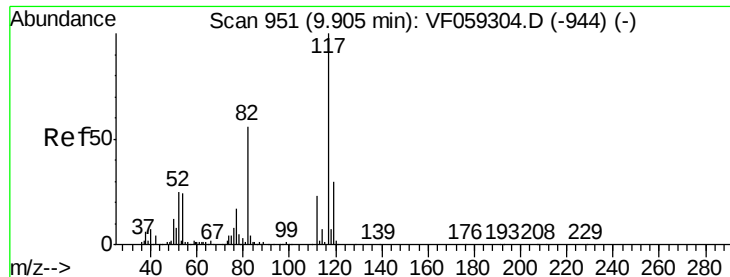
Tot Ion: 98 Resp: 280099
Ion Ratio Lower Upper
98 100
100 65.2 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 37.59 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059364.D
Acq: 28 Jun 2018 16:56

Tgt Ion: 95 Resp: 163462
Ion Ratio Lower Upper
95 100
174 83.4 0.0 165.2
176 81.2 0.0 161.0

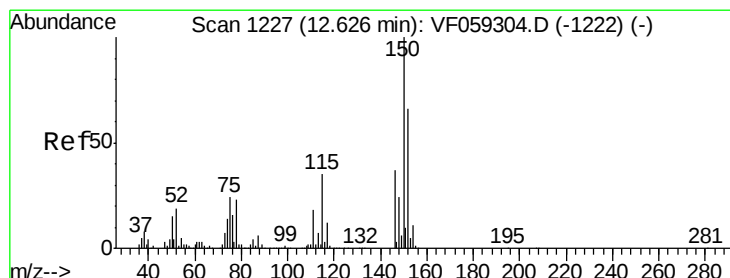
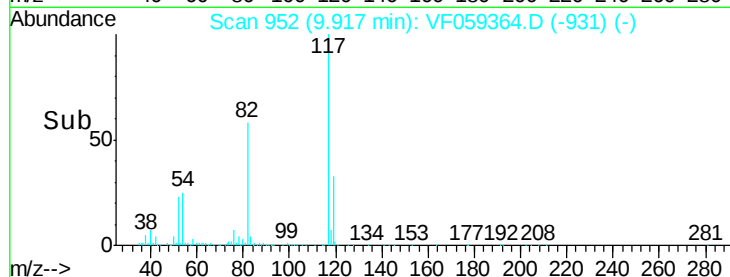
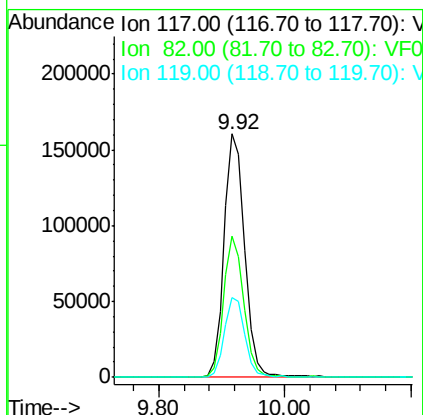
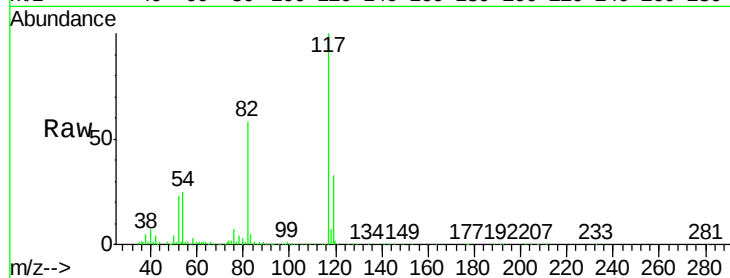




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059364.D
Acq: 28 Jun 2018 16:56

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

Tot Ion:117 Resp: 366499
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 32.6 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059364.D
Acq: 28 Jun 2018 16:56

Tgt Ion:152 Resp: 176254
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 151.0 0.0 305.2

