

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059230.D
 Acq On : 20 Jun 2018 17:07
 Operator : VA/AP
 Sample : VF0620SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0620SBL01

Quant Time: Jun 21 07:02:02 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	5.03	168	267349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	415340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	418343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	274333	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	183754	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	4.29	113	165418	56.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.52%	
50) Toluene-d8	7.71	98	402589	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.51	95	231918	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

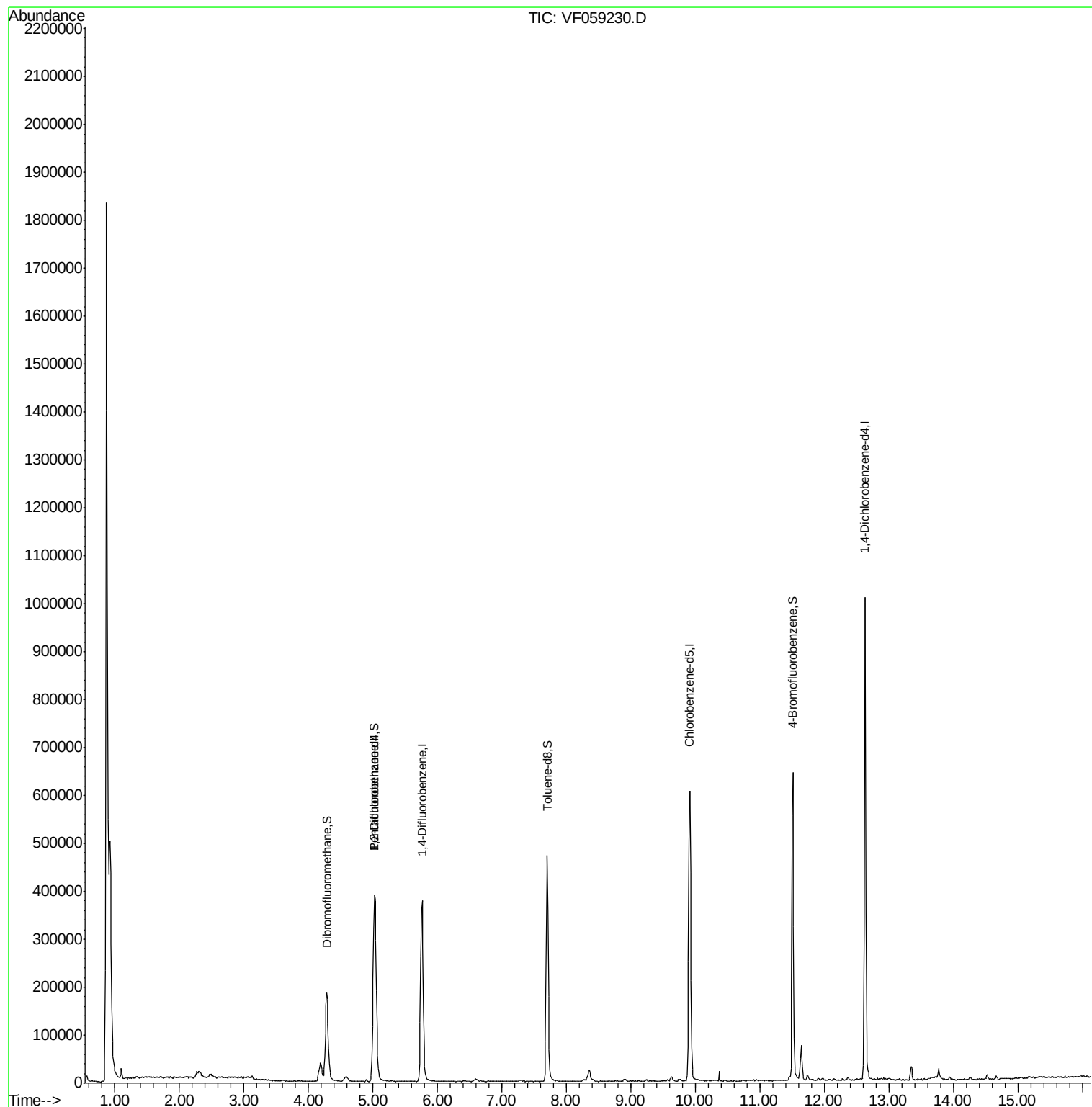
Target Compounds	Qvalue

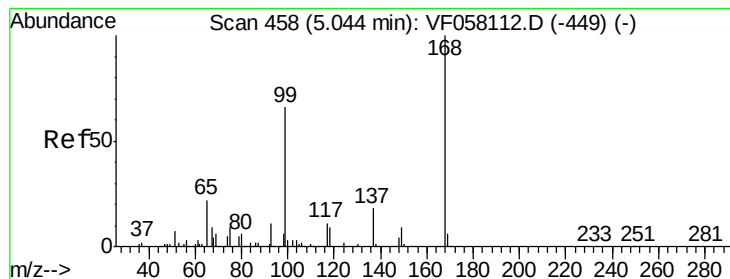
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059230.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

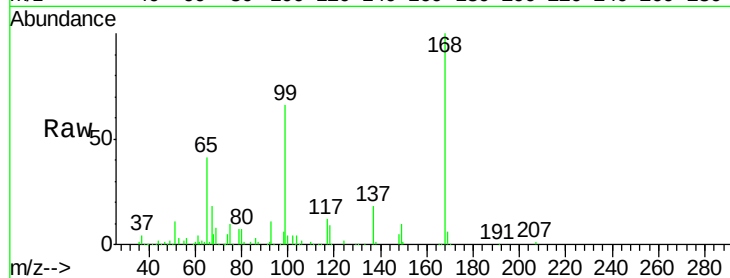
VF0620SBL01

Tot Ion:168 Resp: 267349

Ion Ratio Lower Upper

168 100

99 65.7 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

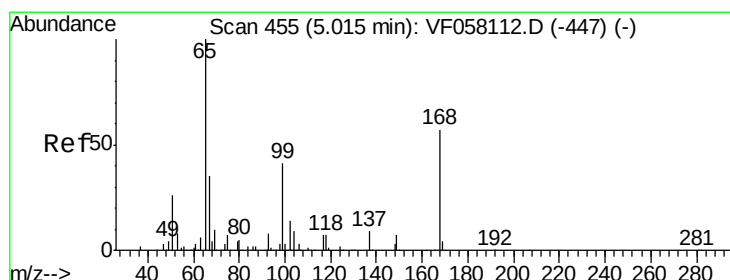
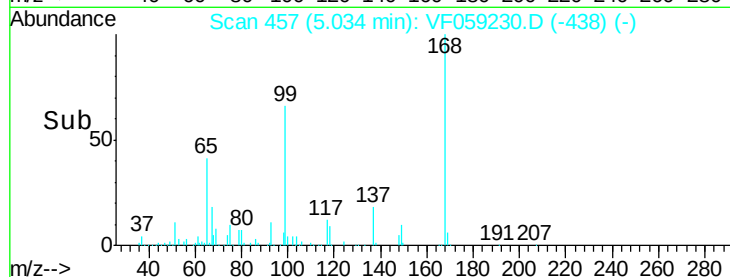
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.67 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059230.D

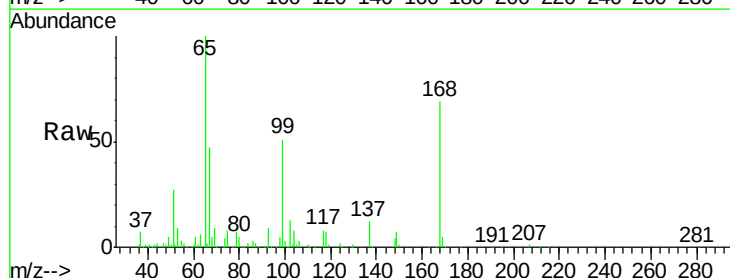
Acq: 20 Jun 2018 17:07

Tgt Ion: 65 Resp: 183754

Ion Ratio Lower Upper

65 100

67 47.4 0.0 97.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

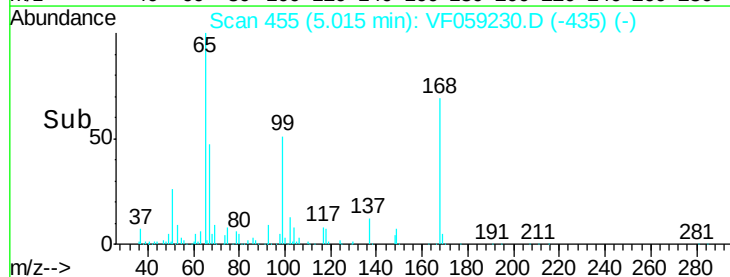
60000

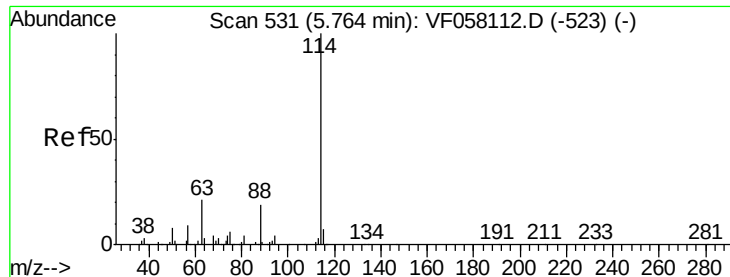
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF059230.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0620SBL01

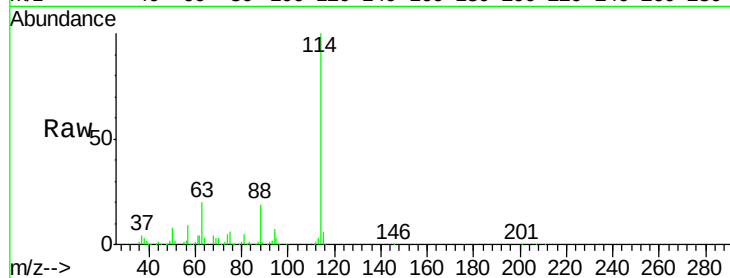
Tot Ion:114 Resp: 415340

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

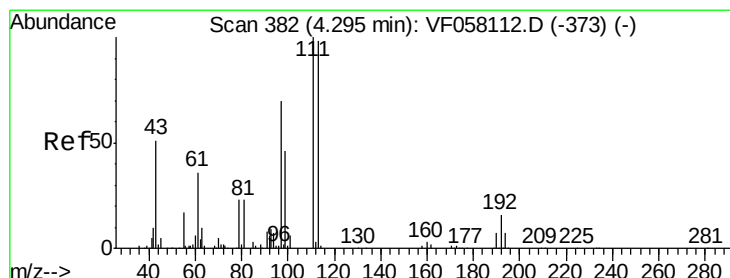
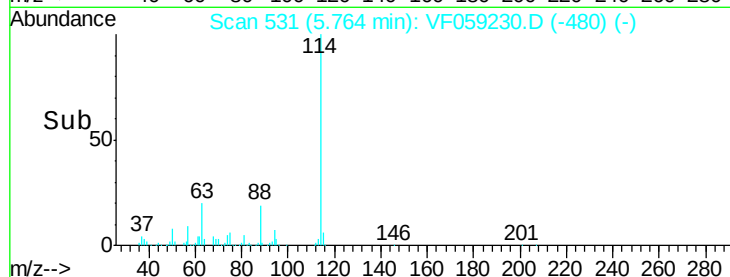
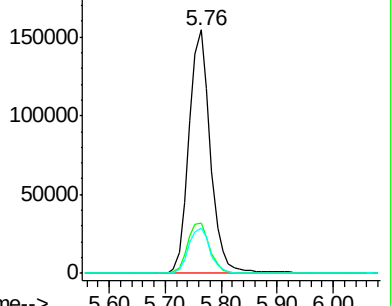
88 18.7 0.0 38.8



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: 56.76 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059230.D

Acq: 20 Jun 2018 17:07

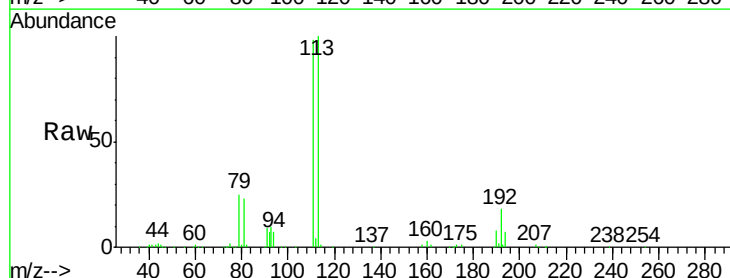
Tgt Ion:113 Resp: 165418

Ion Ratio Lower Upper

113 100

111 98.0 81.3 121.9

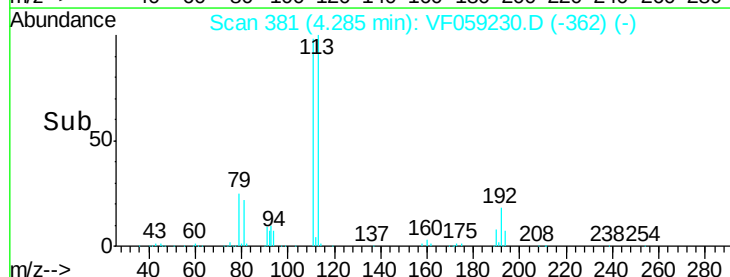
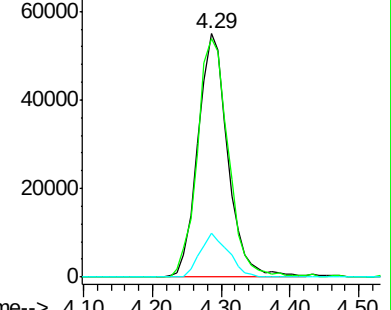
192 17.8 12.7 19.1

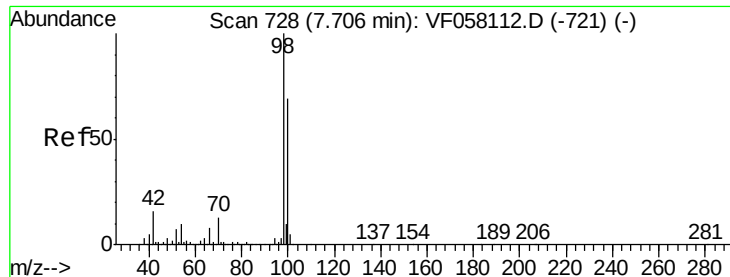


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.02 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059230.D

Acq: 20 Jun 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

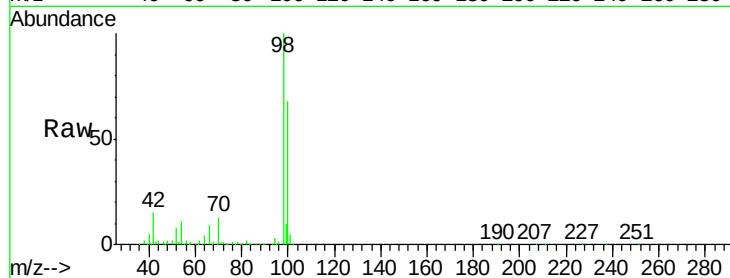
VF0620SBL01

Tot Ion: 98 Resp: 402589

Ion Ratio Lower Upper

98 100

100 68.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

150000

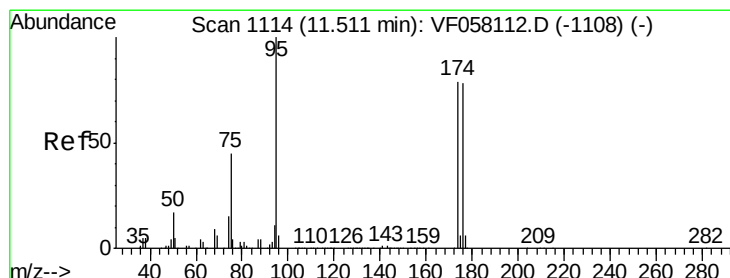
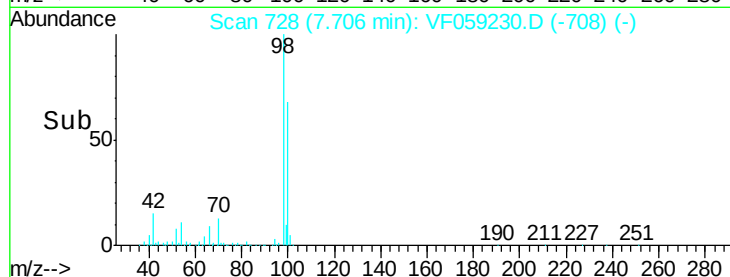
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 52.81 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059230.D

Acq: 20 Jun 2018 17:07

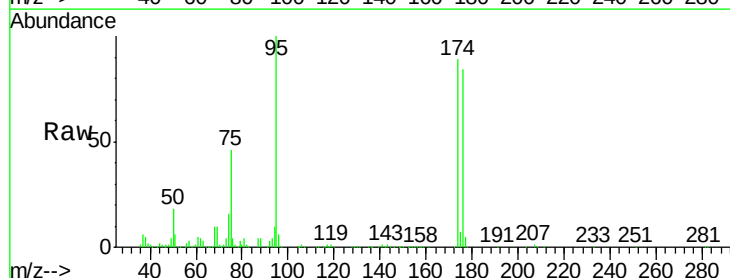
Tgt Ion: 95 Resp: 231918

Ion Ratio Lower Upper

95 100

174 88.5 0.0 157.8

176 84.1 0.0 155.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

150000

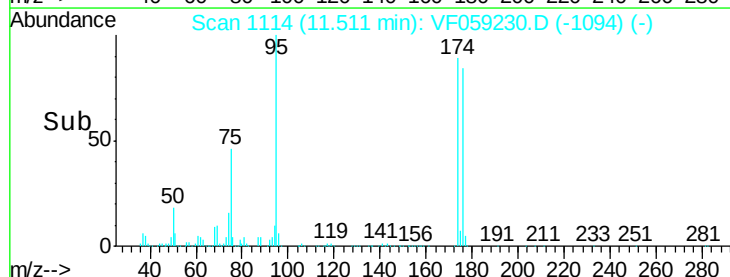
100000

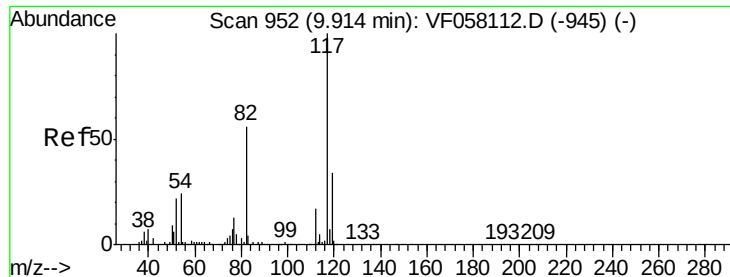
50000

0

Time-->

11.40 11.50 11.60 11.70

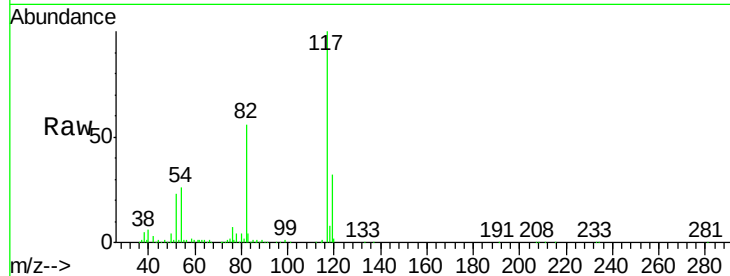




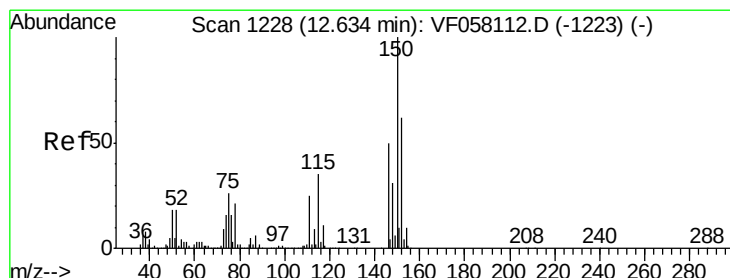
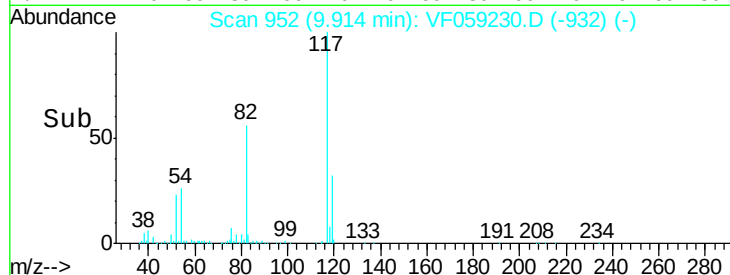
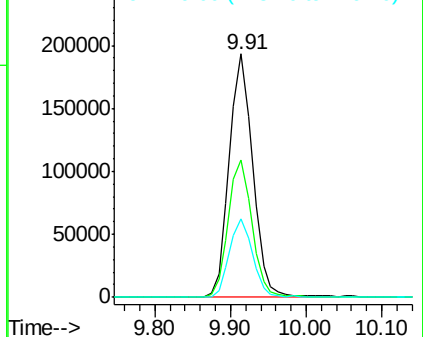
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059230.D
Acq: 20 Jun 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0620SBL01

Tot Ion:117 Resp: 418343
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 32.4 27.5 41.3

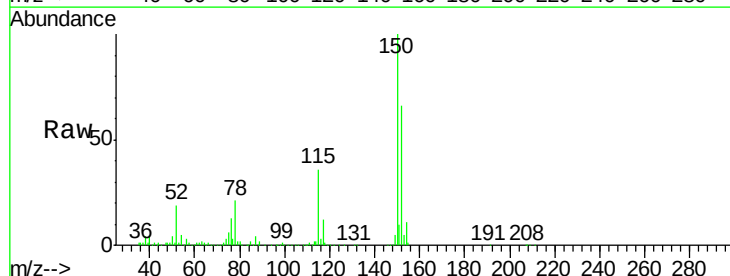


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059230.D
Acq: 20 Jun 2018 17:07

Tgt Ion:152 Resp: 274333
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.5
150 152.0 0.0 323.8



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

