

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059286.D
 Acq On : 22 Jun 2018 21:01
 Operator : VA/AP
 Sample : J3638-05
 Misc : 4.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 V-2

Quant Time: Jun 23 04:56:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

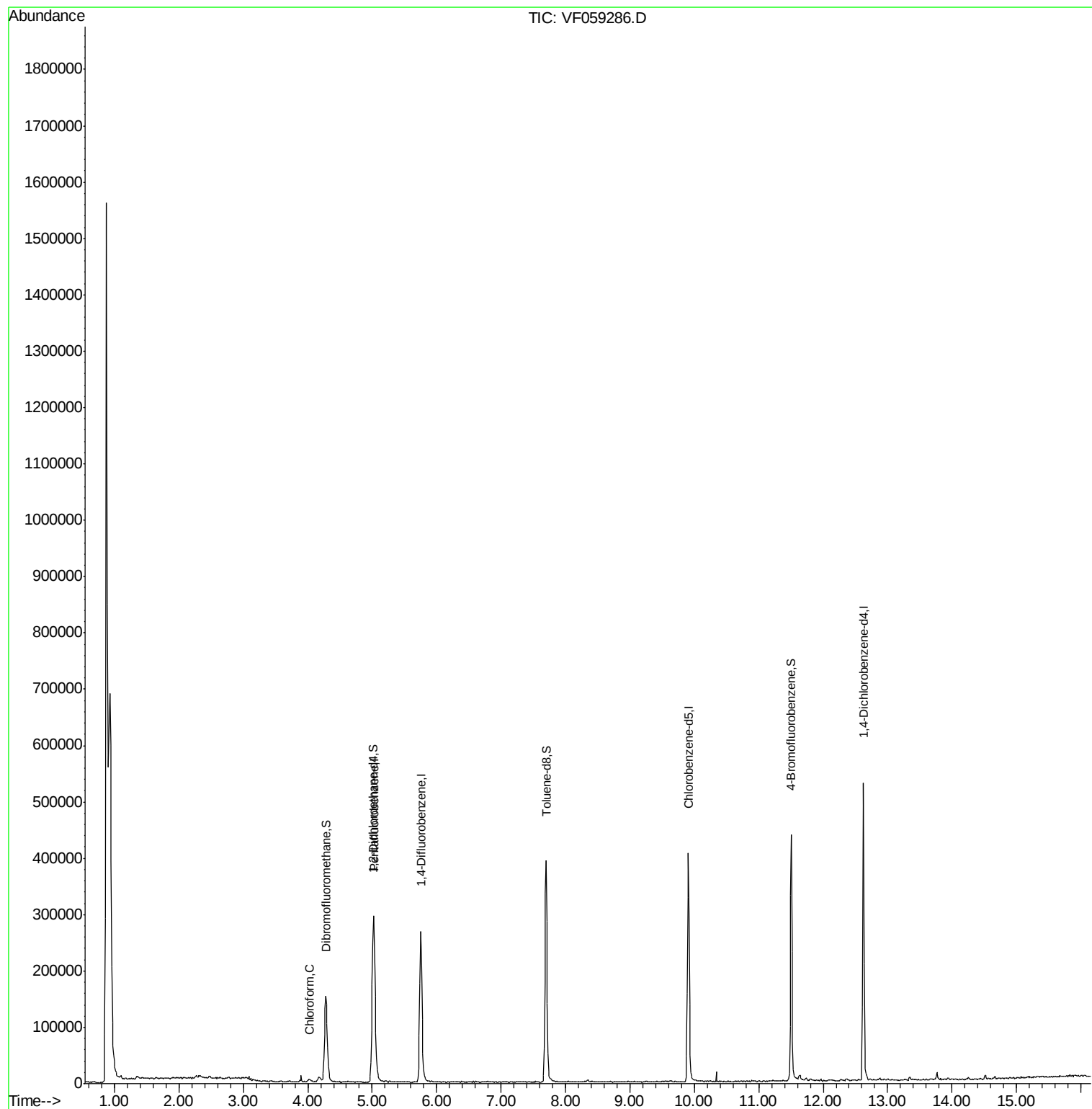
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	198862	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	292307	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	273861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	140201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	151847	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	4.28	113	138799	56.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.88%	
50) Toluene-d8	7.70	98	311430	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.50	95	151088	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
Target Compounds						
30) Chloroform	4.03	83	5230	1.03	ug/l	Qvalue 91

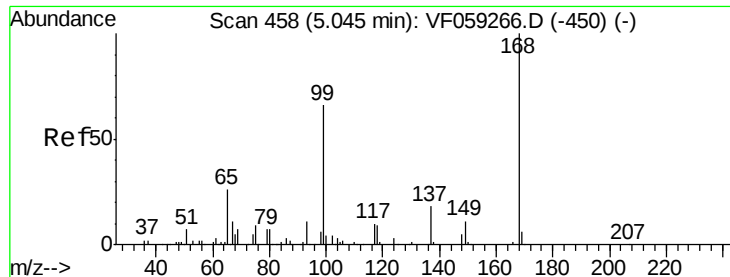
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059286.D
Acq On : 22 Jun 2018 21:01
Operator : VA/AP
Sample : J3638-05
Misc : 4.84g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
V-2

Quant Time: Jun 23 04:56:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF059286.D

Acq: 22 Jun 2018 21:01

Instrument :

MSVOA_F

ClientSampleId :

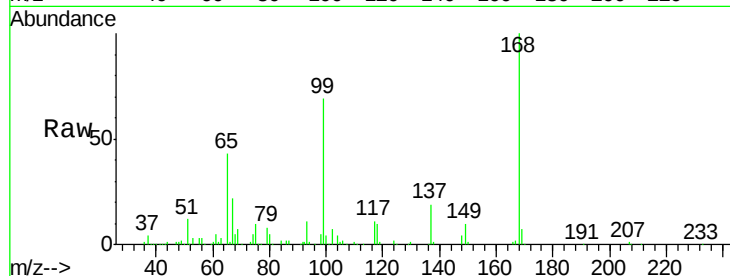
V-2

Tot Ion:168 Resp: 198862

Ion Ratio Lower Upper

168 100

99 68.8 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

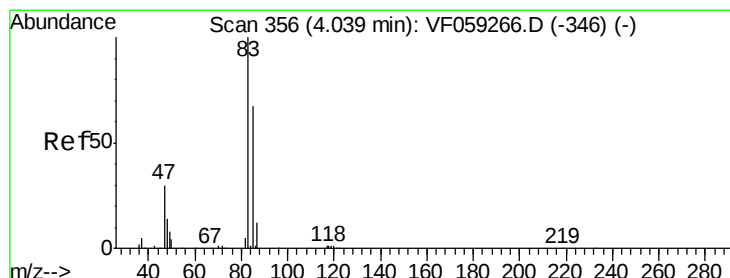
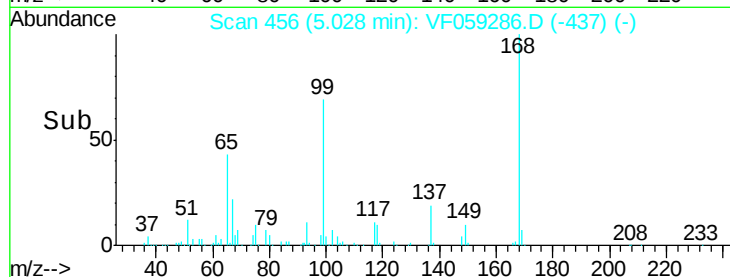
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#30

Chloroform

Concen: 1.03 ug/l

RT: 4.03 min Scan# 355

Delta R.T. -0.01 min

Lab File: VF059286.D

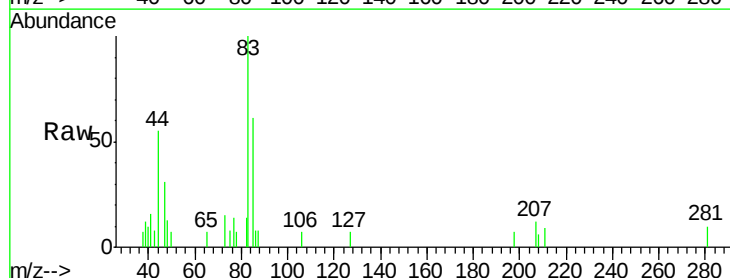
Acq: 22 Jun 2018 21:01

Tgt Ion: 83 Resp: 5230

Ion Ratio Lower Upper

83 100

85 60.6 54.2 81.2



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

4.03

1500

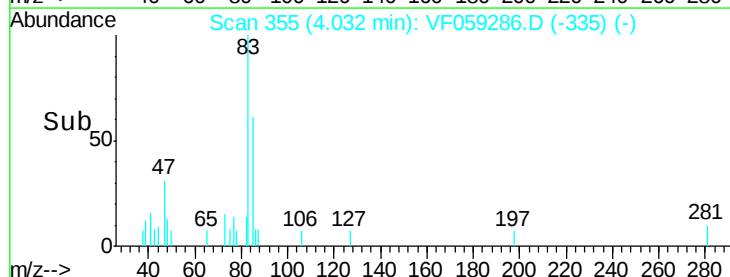
1000

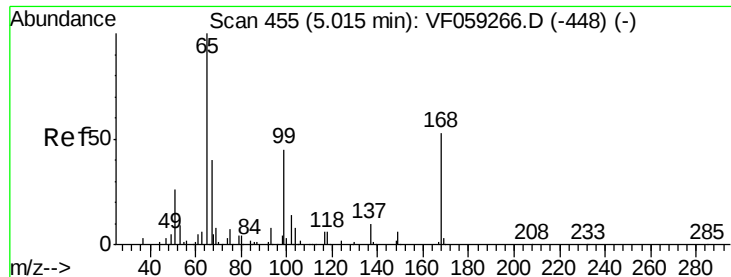
500

0

3.90 4.00 4.10

Time-->

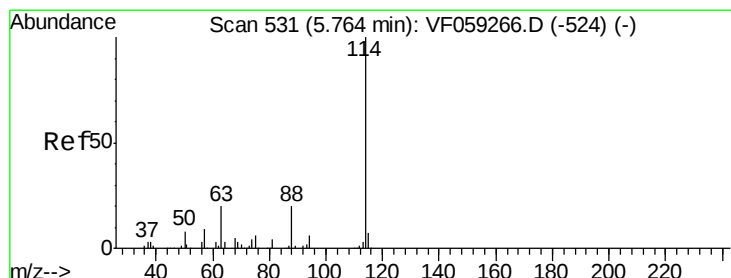
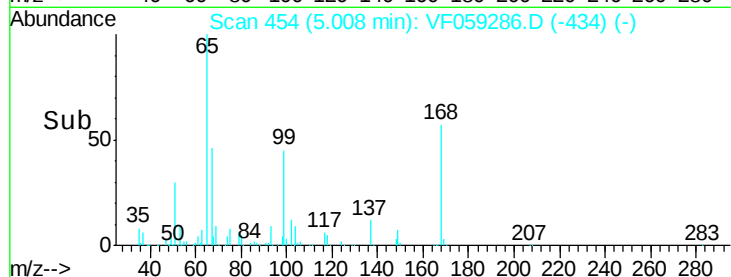
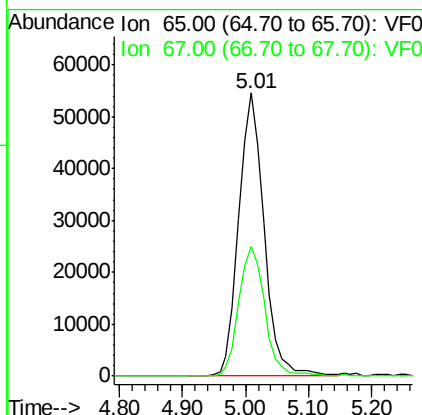
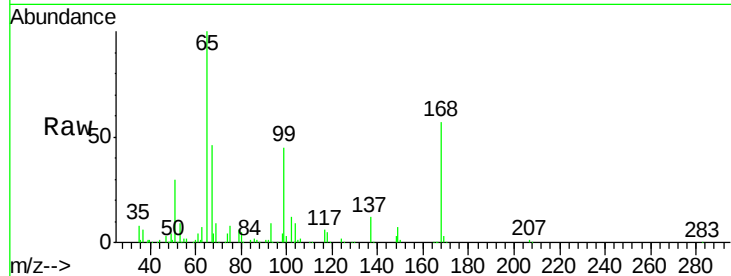




#33
 1,2-Dichloroethane-d4
 Concen: 53.20 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059286.D
 Acq: 22 Jun 2018 21:01

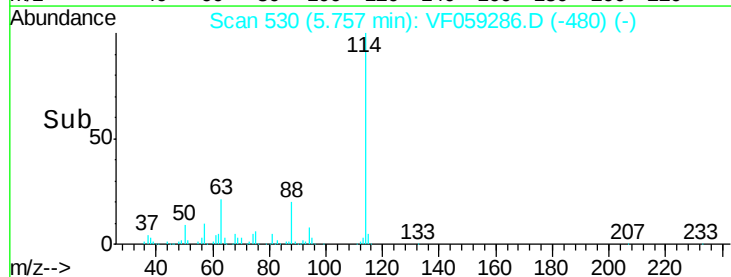
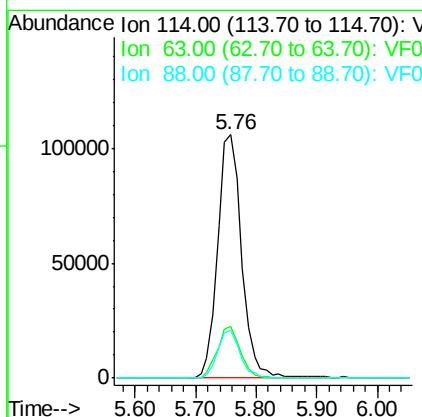
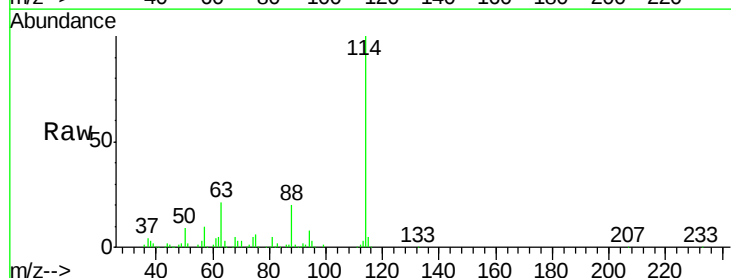
Instrument :
 MSVOA_F
 ClientSampled :
 V-2

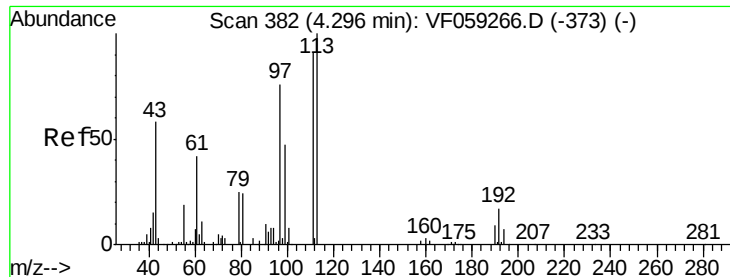
Tot Ion: 65 Resp: 151847
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 95.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059286.D
 Acq: 22 Jun 2018 21:01

Tgt Ion: 114 Resp: 292307
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.0
 88 19.8 0.0 39.6





#35

Dibromofluoromethane

Concen: 56.44 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059286.D

Acq: 22 Jun 2018 21:01

Instrument :

MSVOA_F

ClientSampleId :

V-2

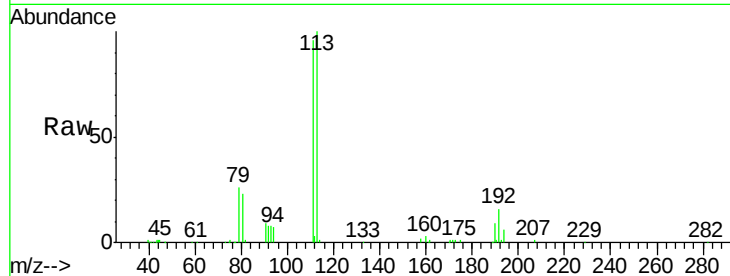
Tot Ion:113 Resp: 138799

Ion Ratio Lower Upper

113 100

111 96.4 73.1 109.7

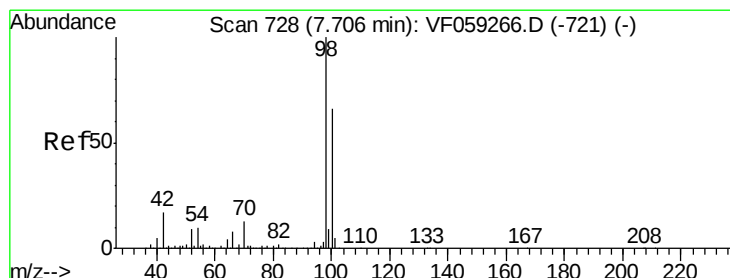
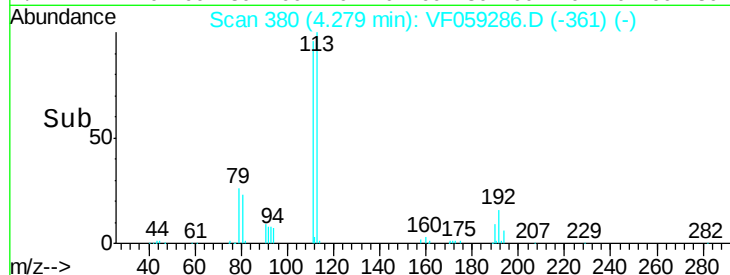
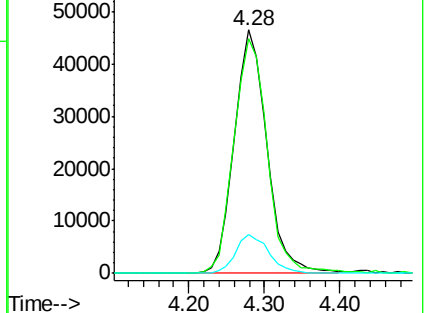
192 15.8 13.9 20.9



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: 49.78 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059286.D

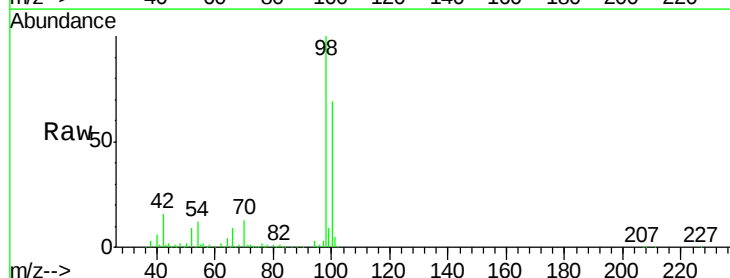
Acq: 22 Jun 2018 21:01

Tgt Ion: 98 Resp: 311430

Ion Ratio Lower Upper

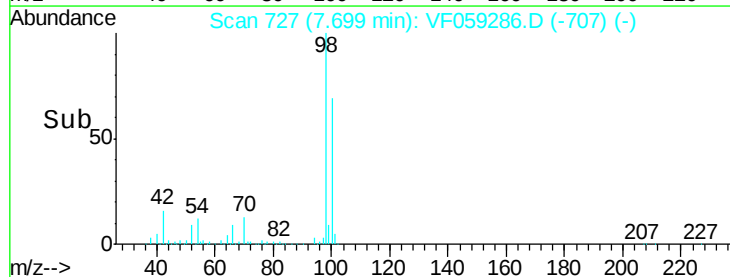
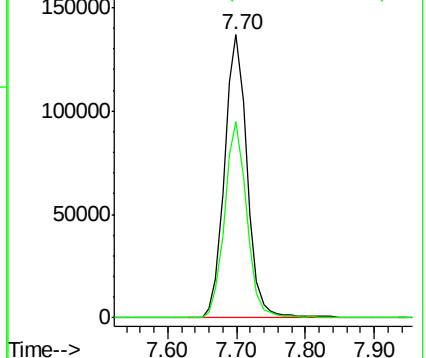
98 100

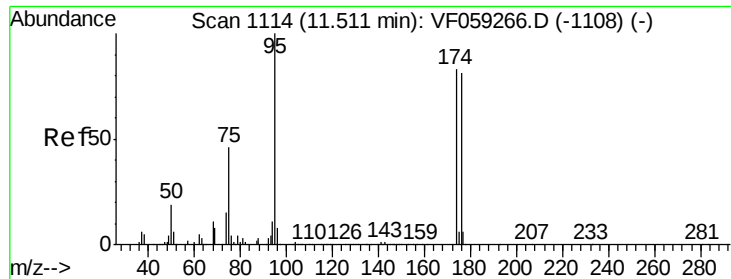
100 69.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

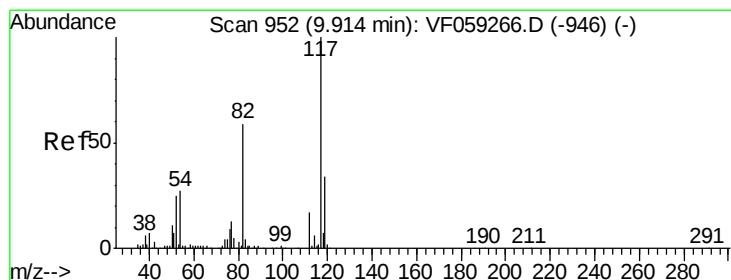
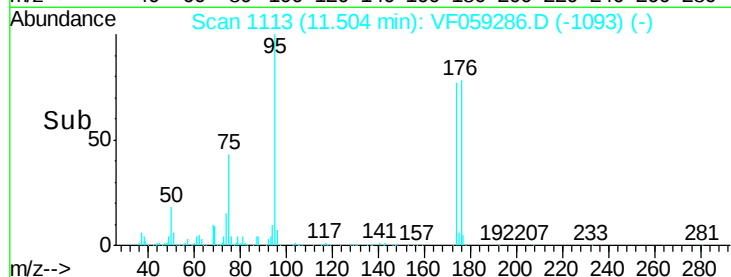
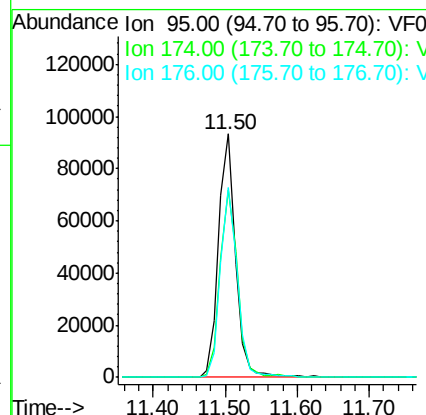
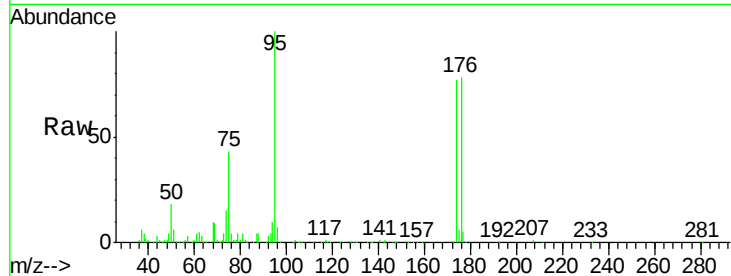




#62
4-Bromofluorobenzene
Concen: 43.56 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059286.D
Acq: 22 Jun 2018 21:01

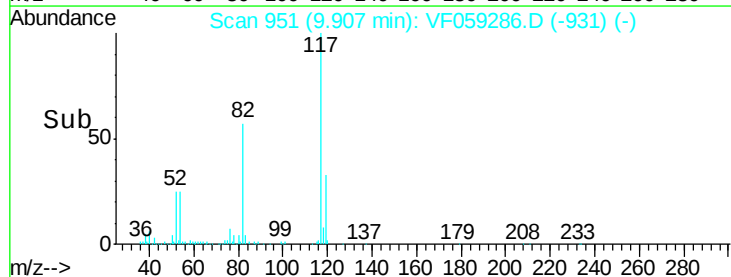
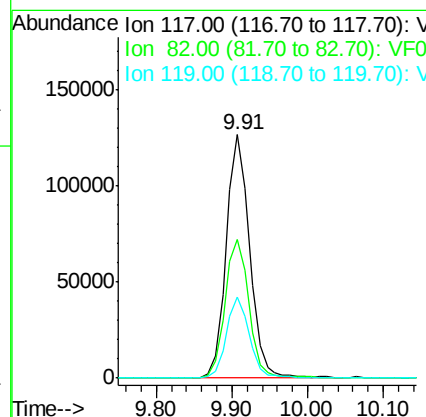
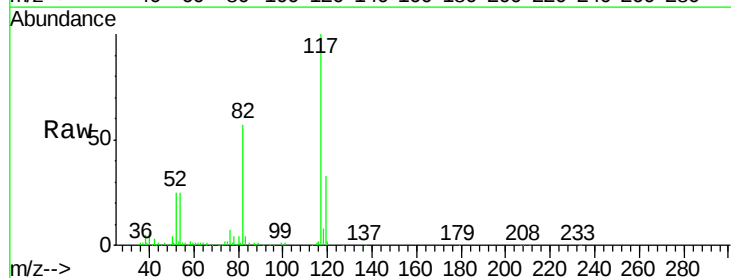
Instrument :
MSVOA_F
ClientSampled :
V-2

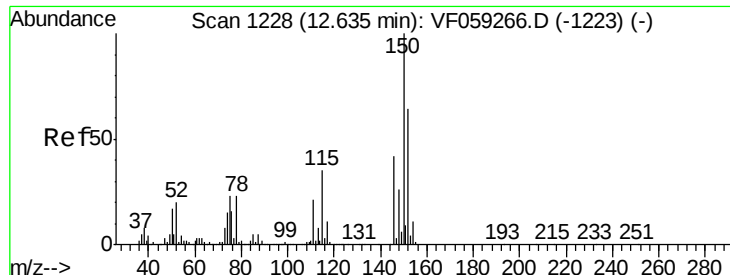
Tot Ion: 95 Resp: 151088
Ion Ratio Lower Upper
95 100
174 77.0 0.0 166.2
176 78.0 0.0 162.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059286.D
Acq: 22 Jun 2018 21:01

Tgt Ion: 117 Resp: 273861
Ion Ratio Lower Upper
117 100
82 56.8 47.1 70.7
119 33.3 26.9 40.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059286.D

Acq: 22 Jun 2018 21:01

Instrument :

MSVOA_F

ClientSampleId :

V-2

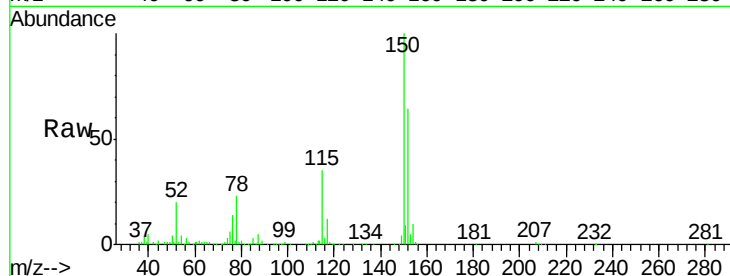
Tot Ion:152 Resp: 140201

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.3

150 157.3 0.0 313.8



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

