

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059220.D
 Acq On : 20 Jun 2018 7:40
 Operator : VA/AP
 Sample : J3575-14
 Misc : 9.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S

Quant Time: Jun 20 08:16:52 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	146746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	214374	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	205107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	139654	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	114108	64.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.24%	
35) Dibromofluoromethane	4.29	113	101712	67.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.24%	
50) Toluene-d8	7.70	98	227375	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.50	95	129707	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	

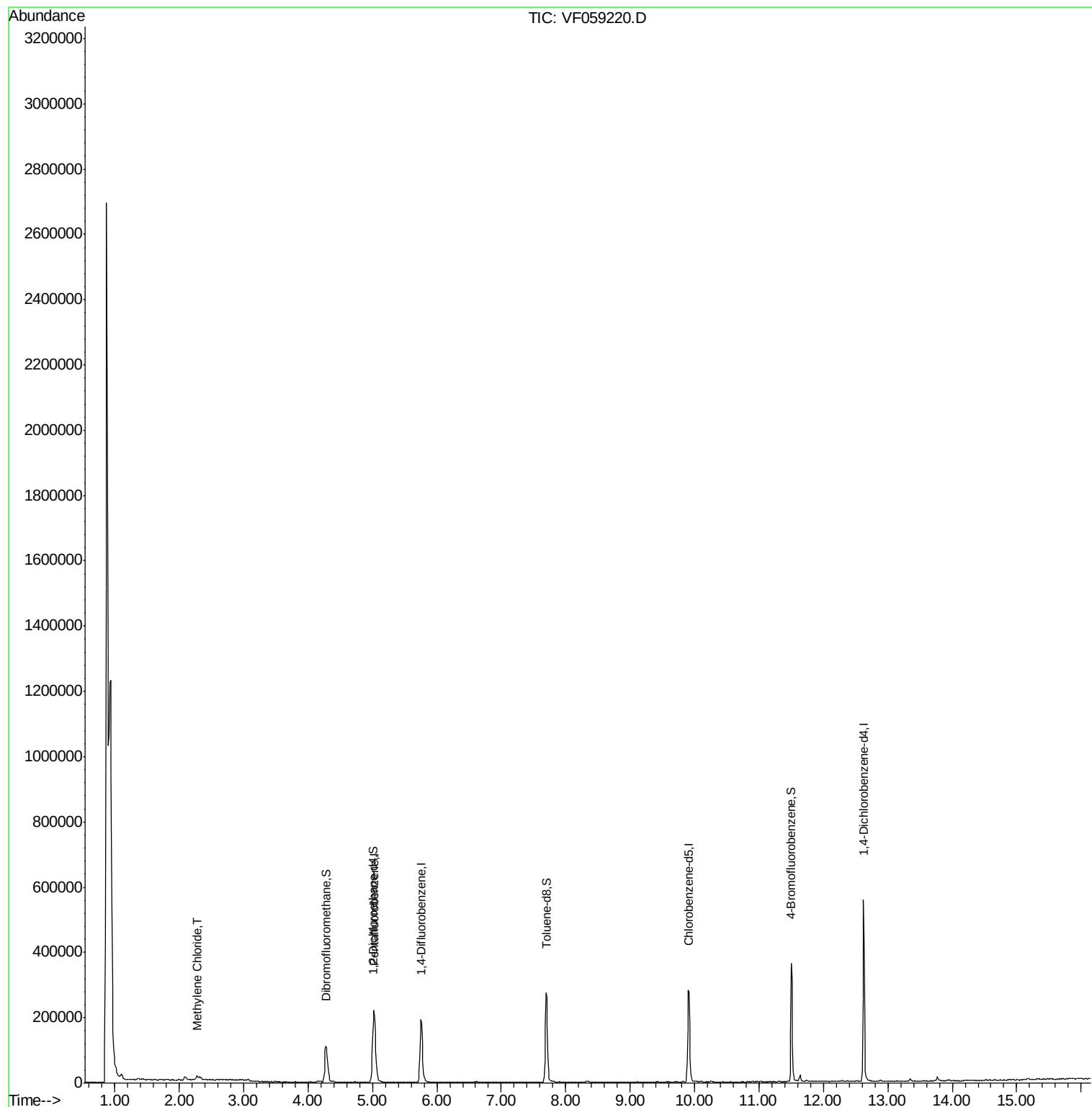
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	7647	7.52	ug/l	# 90

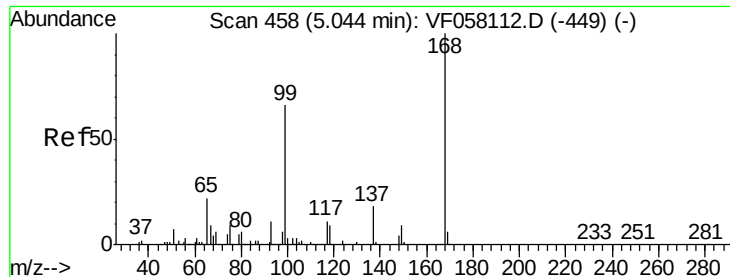
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059220.D
Acq On : 20 Jun 2018 7:40
Operator : VA/AP
Sample : J3575-14
Misc : 9.71g/5mL/MSVOA-F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Quant Time: Jun 20 08:16:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
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: VF059220.D

Acq: 20 Jun 2018 7:40

Instrument :

MSVOA_F

ClientSampleId :

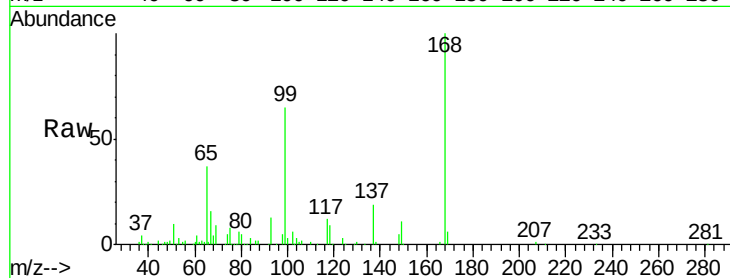
TP-11-S

Tot Ion:168 Resp: 146746

Ion Ratio Lower Upper

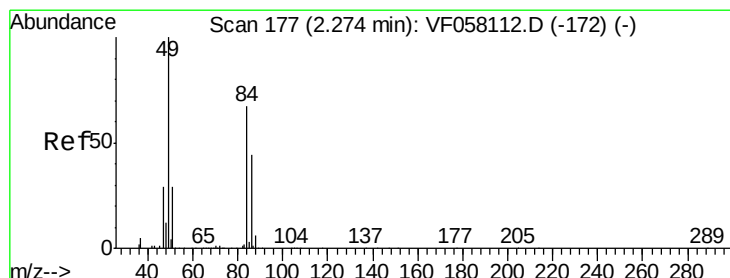
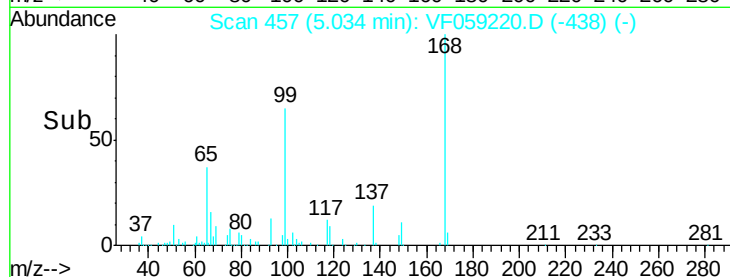
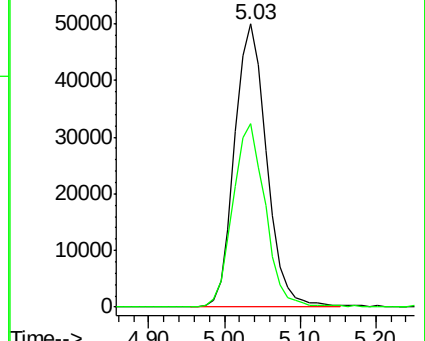
168 100

99 64.9 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 7.52 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF059220.D

Acq: 20 Jun 2018 7:40

Tgt Ion: 84 Resp: 7647

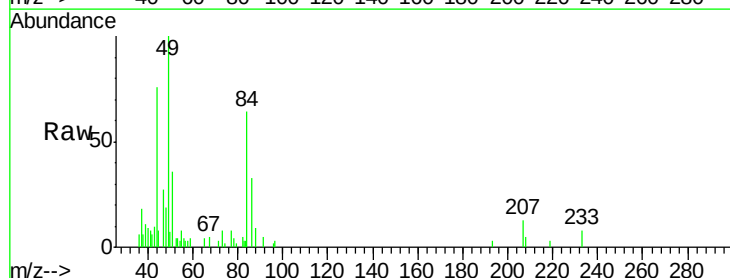
Ion Ratio Lower Upper

84 100

49 156.2 121.0 181.4

51 55.6 35.8 53.6#

86 52.2 53.2 79.8#

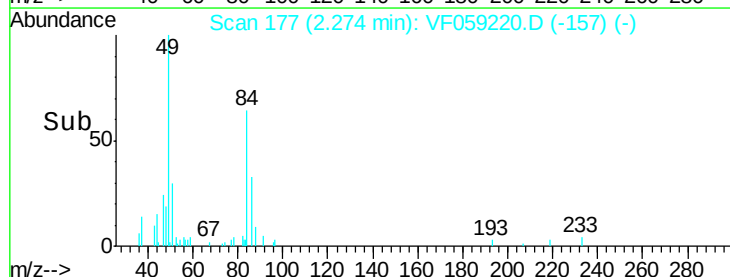
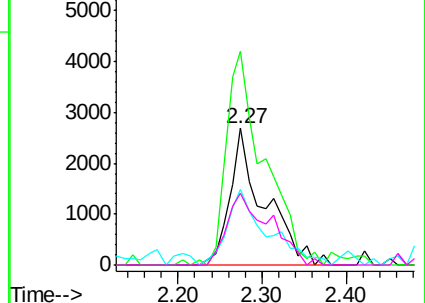


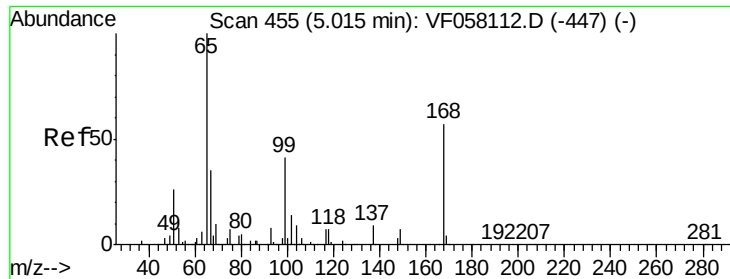
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

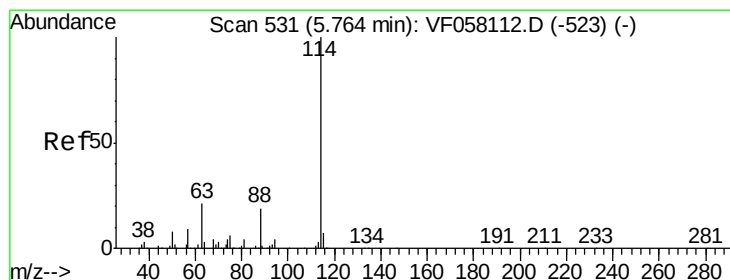
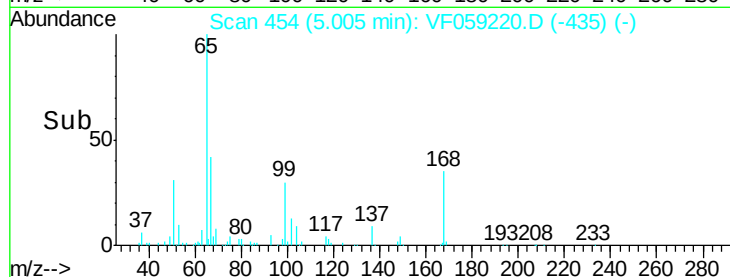
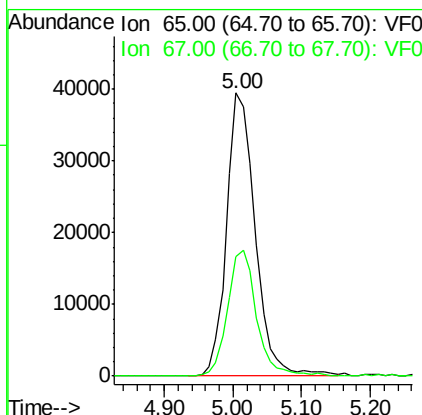
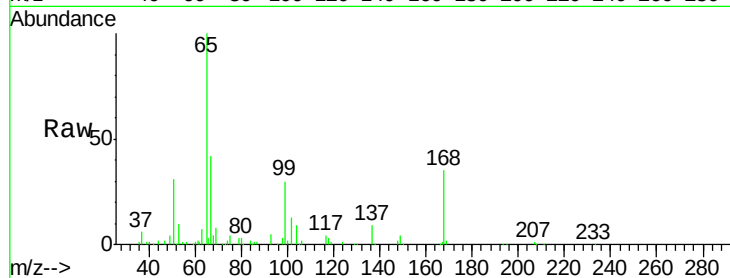




#33
 1,2-Dichloroethane-d4
 Concen: 64.12 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059220.D
 Acq: 20 Jun 2018 7:40

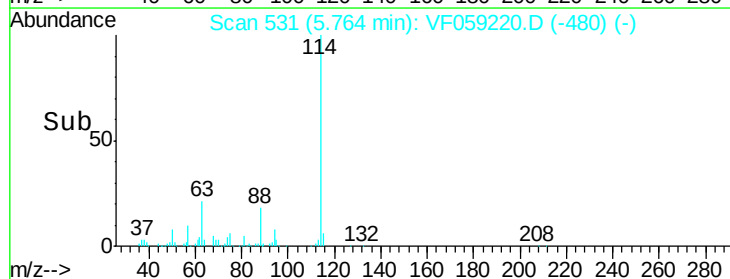
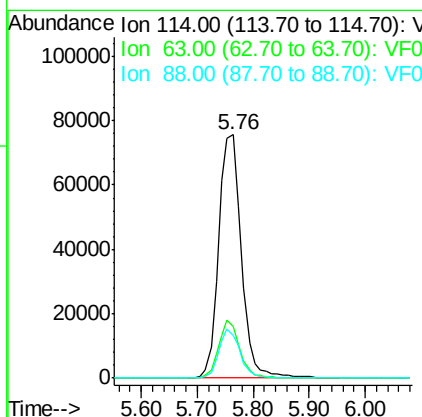
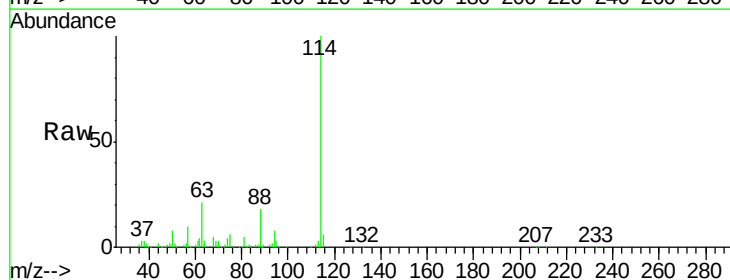
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S

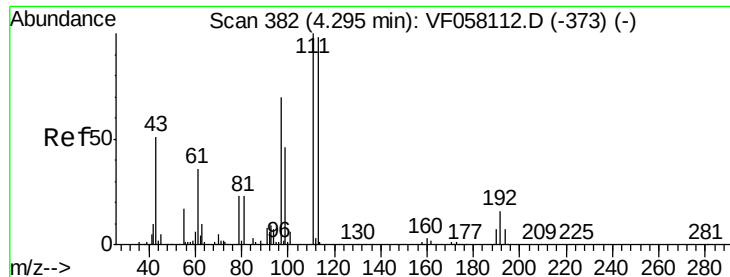
Tot Ion: 65 Resp: 114108
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059220.D
 Acq: 20 Jun 2018 7:40

Tgt Ion: 114 Resp: 214374
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.6
 88 17.6 0.0 38.8





#35

Dibromofluoromethane

Concen: 67.62 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059220.D

Acq: 20 Jun 2018 7:40

Instrument :

MSVOA_F

ClientSampleId :

TP-11-S

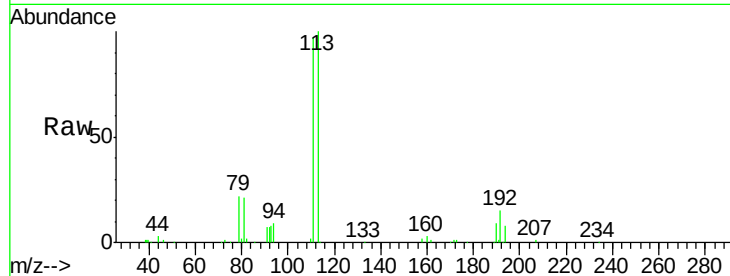
Tot Ion:113 Resp: 101712

Ion Ratio Lower Upper

113 100

111 96.6 81.3 121.9

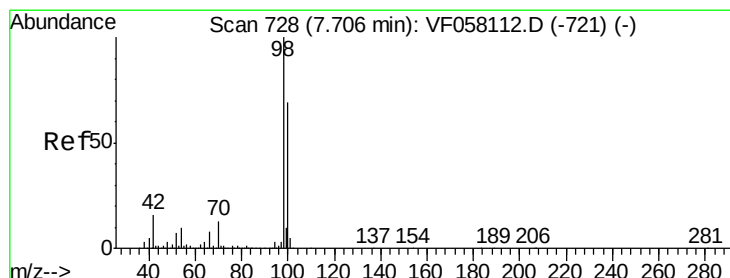
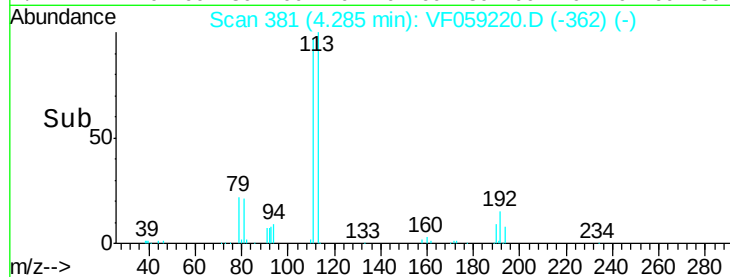
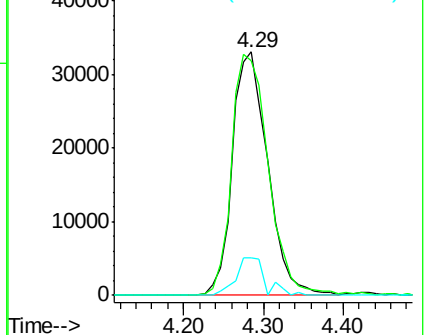
192 15.3 12.7 19.1



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: 51.45 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059220.D

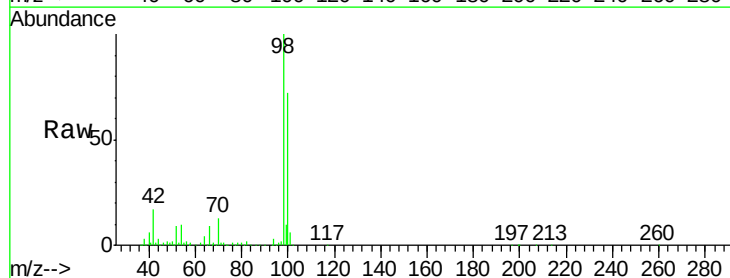
Acq: 20 Jun 2018 7:40

Tgt Ion: 98 Resp: 227375

Ion Ratio Lower Upper

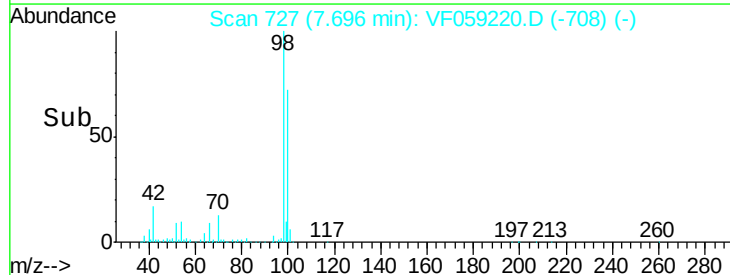
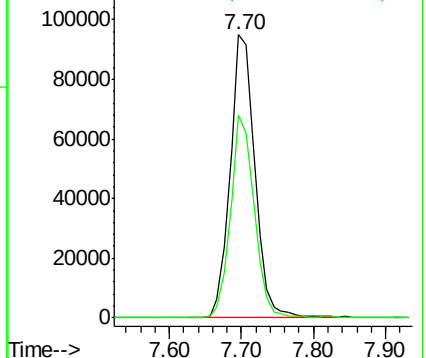
98 100

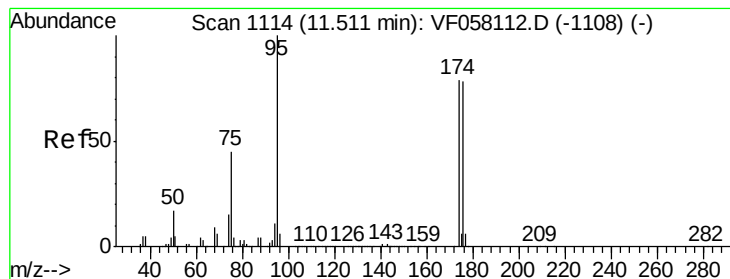
100 71.7 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 57.23 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059220.D

Acq: 20 Jun 2018 7:40

Instrument :

MSVOA_F

ClientSampled :

TP-11-S

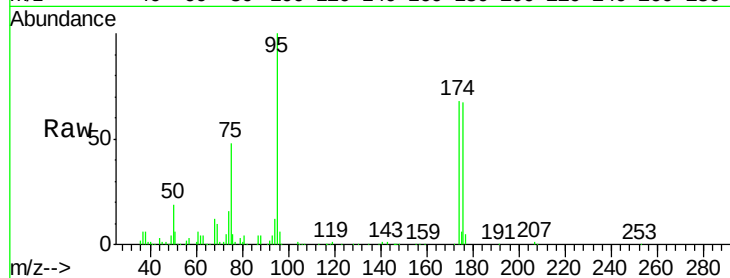
Tot Ion: 95 Resp: 129707

Ion Ratio Lower Upper

95 100

174 67.9 0.0 157.8

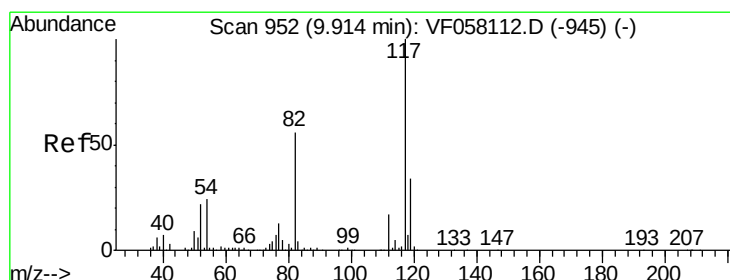
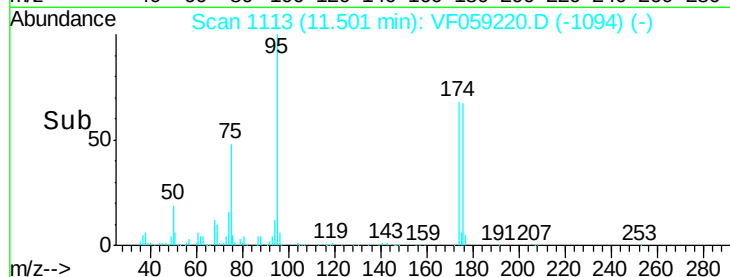
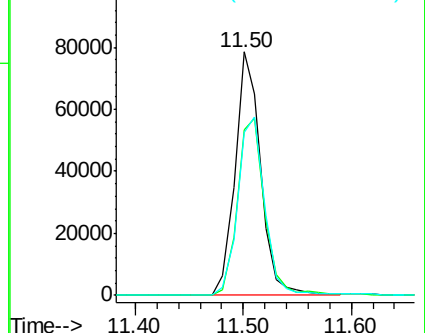
176 66.9 0.0 155.8



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059220.D

Acq: 20 Jun 2018 7:40

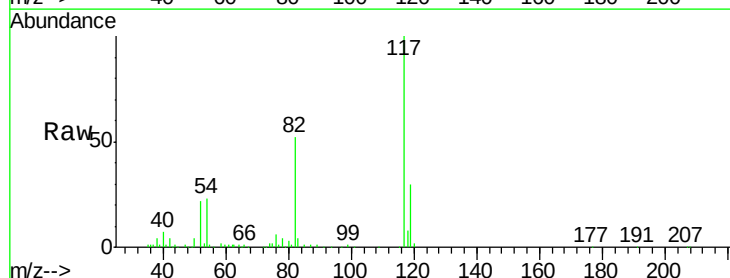
Tgt Ion: 117 Resp: 205107

Ion Ratio Lower Upper

117 100

82 51.8 45.2 67.8

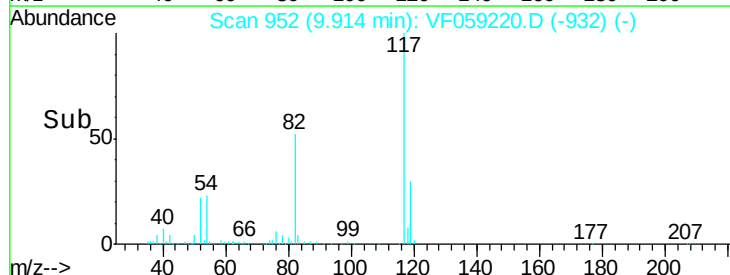
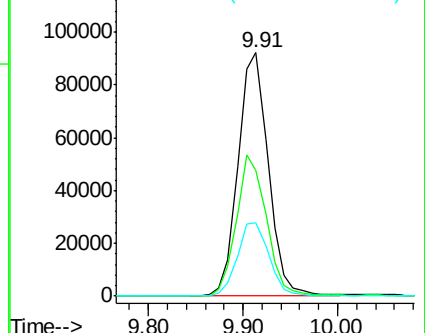
119 30.0 27.5 41.3

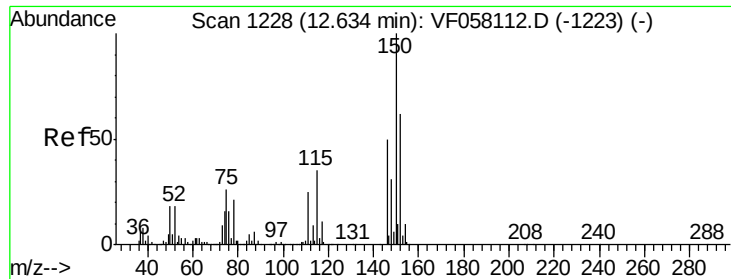


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059220.D

Acq: 20 Jun 2018 7:40

Instrument :

MSVOA_F

ClientSampleId :

TP-11-S

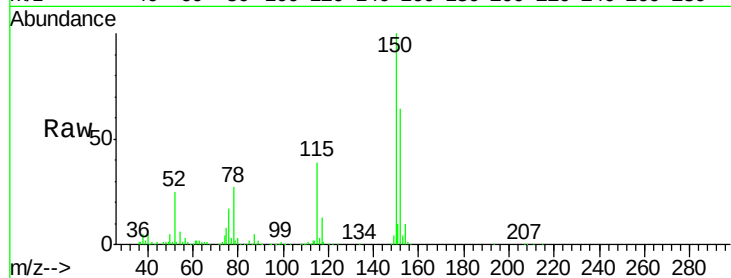
Tot Ion:152 Resp: 139654

Ion Ratio Lower Upper

152 100

115 61.0 28.5 85.5

150 156.3 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

