

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059221.D
 Acq On : 20 Jun 2018 8:08
 Operator : VA/AP
 Sample : J3575-18
 Misc : 8.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D

Manual Integrations
 APPROVED

apatel
 6/20/2018 11:21:46 AM

Quant Time: Jun 20 08:33:38 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	199814	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	302131	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	305314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	187811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	133281	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
35) Dibromofluoromethane	4.28	113	117656	55.50	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.00%	
50) Toluene-d8	7.70	98	287910	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.51	95	165784	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
Target Compounds						
16) Acetone	2.33	43	15126m	26.14	ug/l	Qvalue
20) Methylene Chloride	2.28	84	7494	5.41	ug/l #	91

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

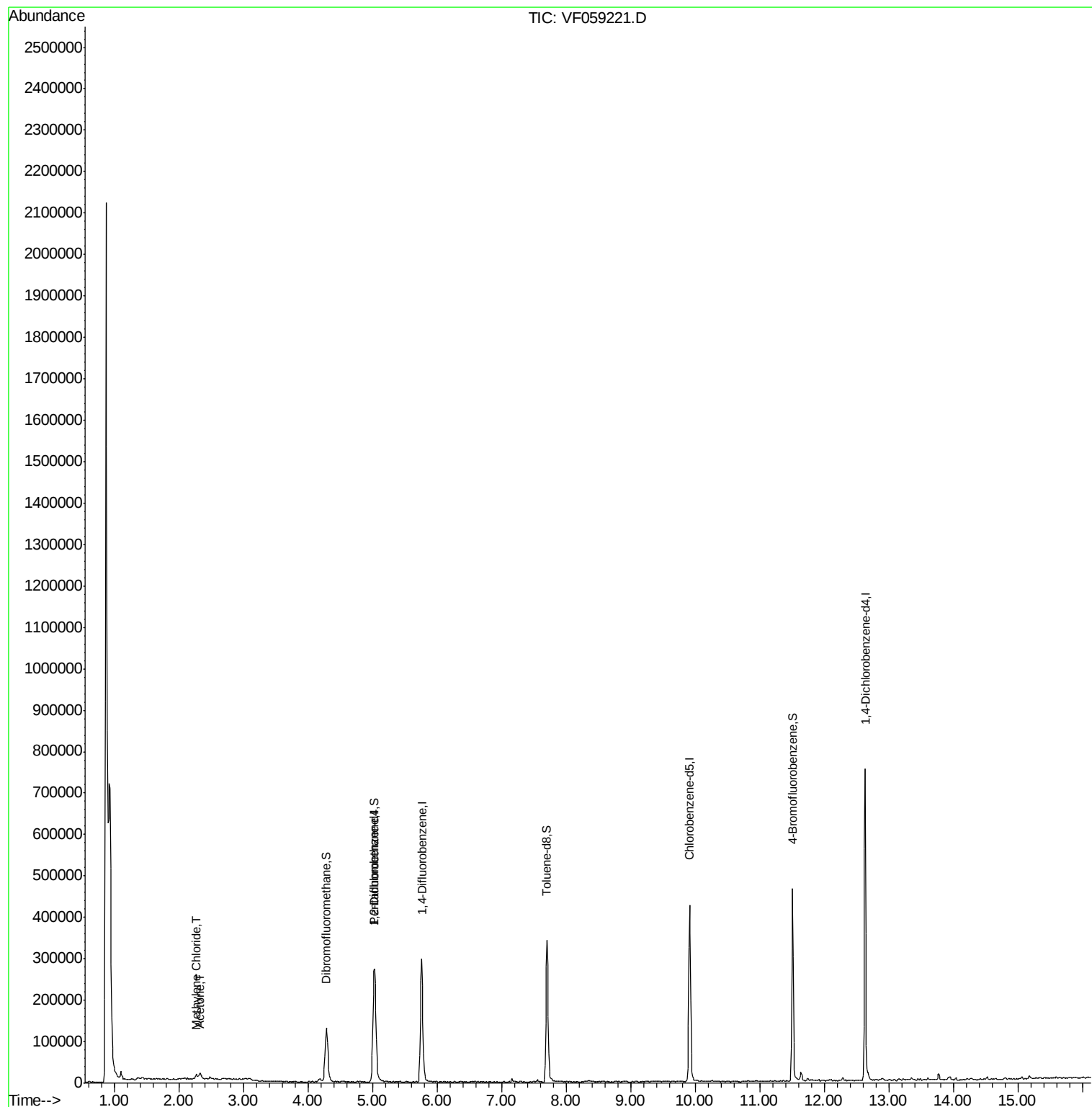
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059221.D
Acq On : 20 Jun 2018 8:08
Operator : VA/AP
Sample : J3575-18
Misc : 8.16g/5mL/MSVOA-F/SOIL
ALS Vial : 36 Sample Multiplier: 1

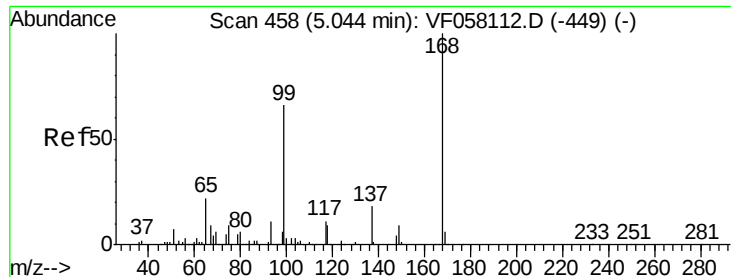
Instrument :
MSVOA_F
ClientSampleId :
TP-11-D

Manual Integrations
APPROVED

apatel
6/20/2018 11:21:46 AM

Quant Time: Jun 20 08:33:38 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# 456

Delta R.T. -0.01 min

Lab File: VF059221.D

Acq: 20 Jun 2018 8:08

Instrument :

MSVOA_F

ClientSampleId :

TP-11-D

Tot Ion:168 Resp: 199814

Ion Ratio Lower Upper

168 100

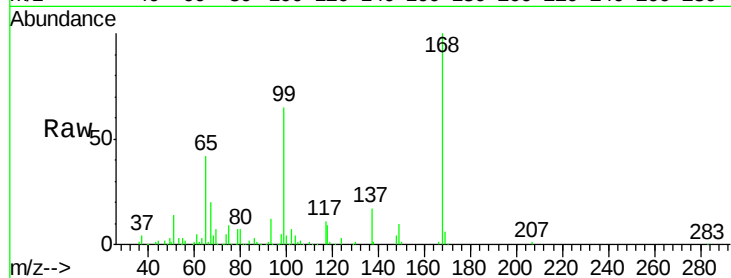
99 64.9 52.9 79.3

Manual Integrations

APPROVED

apatel

6/20/2018 11:21:46 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

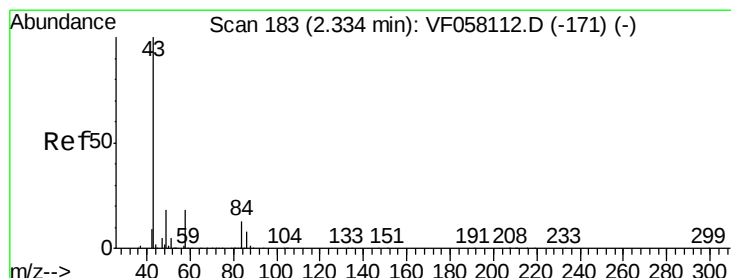
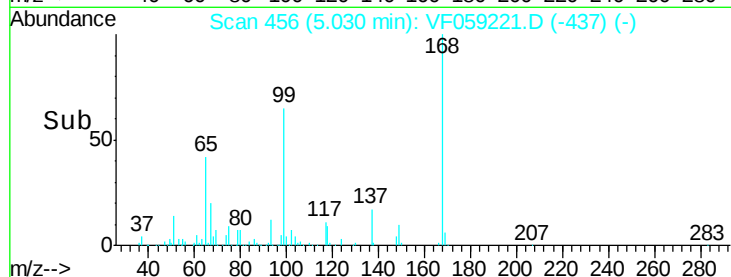
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 26.14 ug/l m

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059221.D

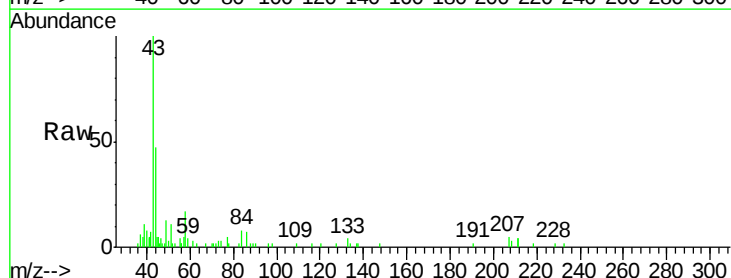
Acq: 20 Jun 2018 8:08

Tgt Ion: 43 Resp: 15126

Ion Ratio Lower Upper

43 100

58 16.5 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

6000

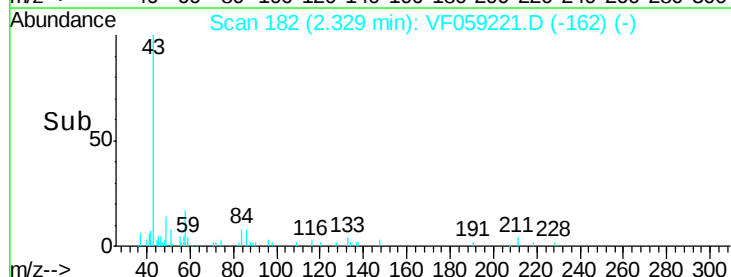
4000

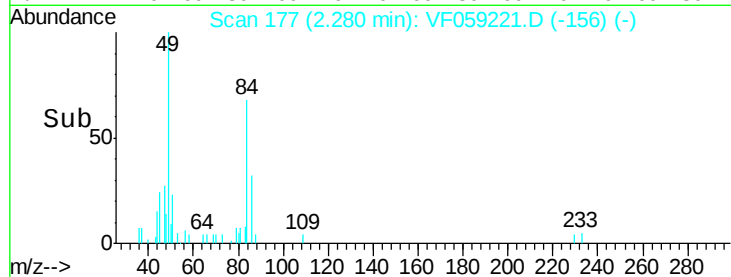
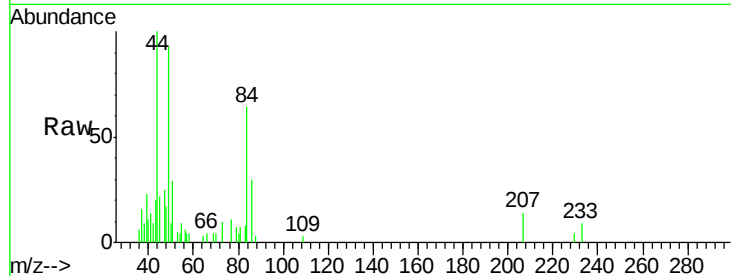
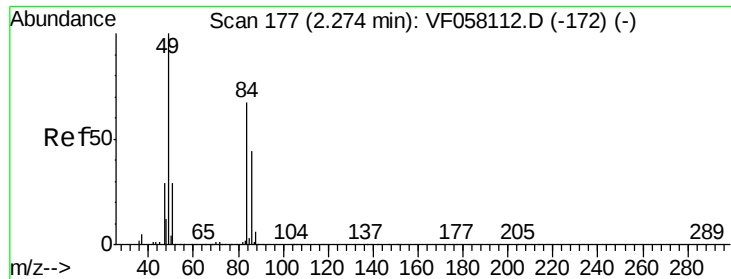
2000

0

2.25 2.30 2.35 2.40

Time-->





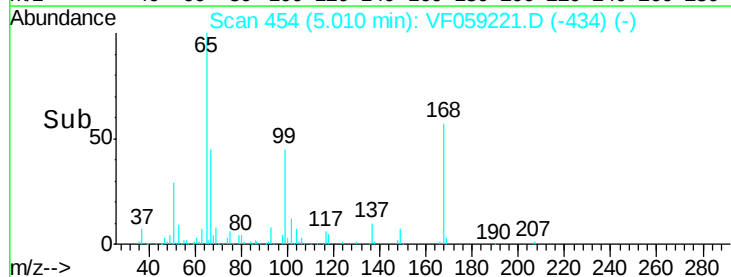
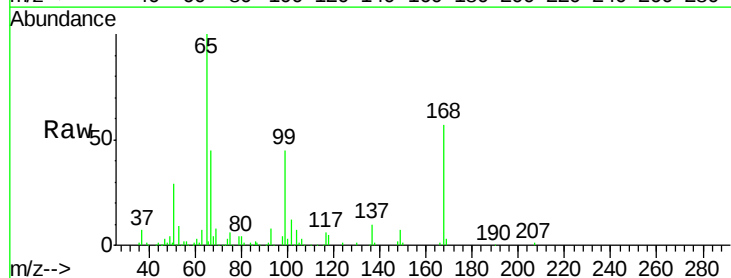
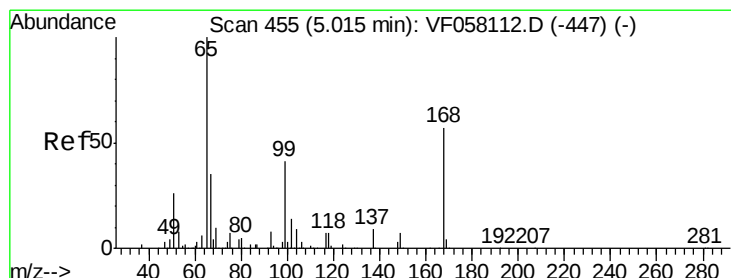
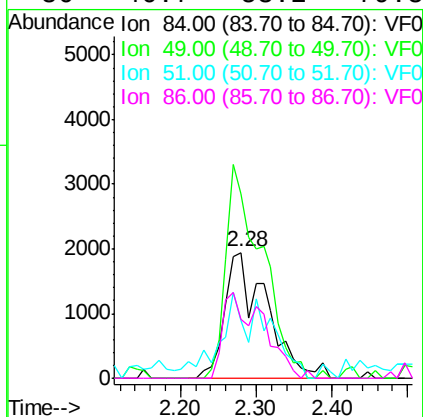
#20
Methvlene Chloride
Concen: 5.41 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059221.D
Acq: 20 Jun 2018 8:08

Tot Ion	Ratio	Lower	Upper
84	100		
49	146.7	121.0	181.4
51	46.2	35.8	53.6
86	46.7	53.2	79.8

Instrument :
MSVOA_F
ClientSampleId :
TP-11-D

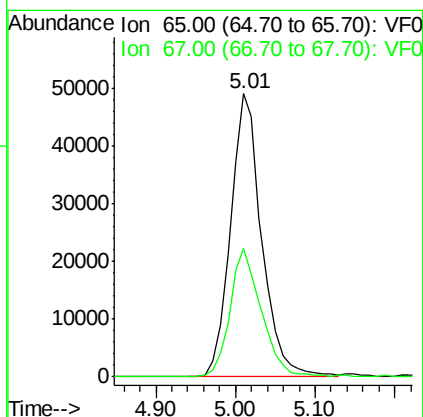
Manual Integrations
APPROVED

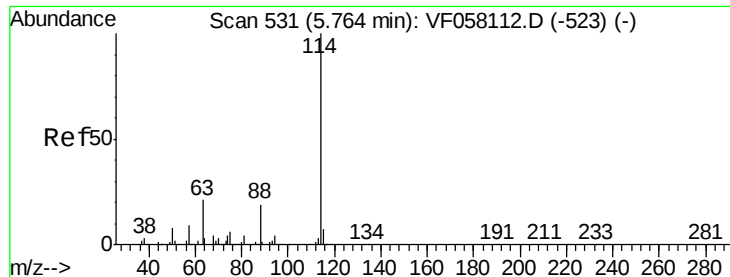
apatel
6/20/2018 11:21:46 AM



#33
1,2-Dichloroethane-d4
Concen: 55.00 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059221.D
Acq: 20 Jun 2018 8:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059221.D

Acq: 20 Jun 2018 8:08

Instrument :

MSVOA_F

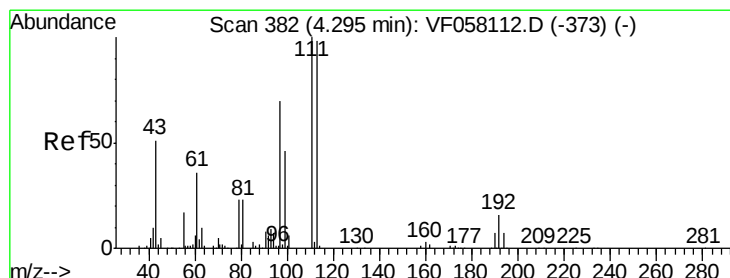
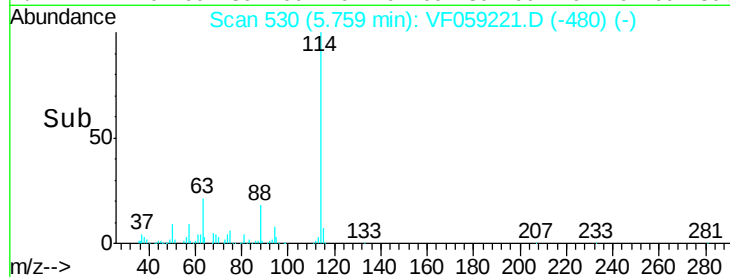
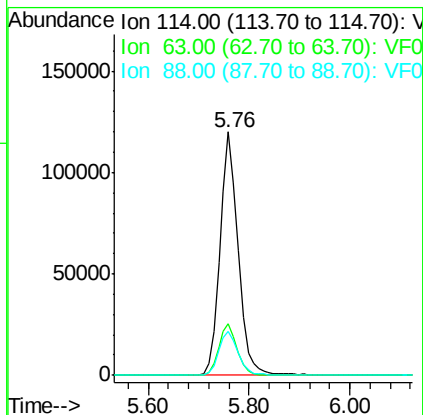
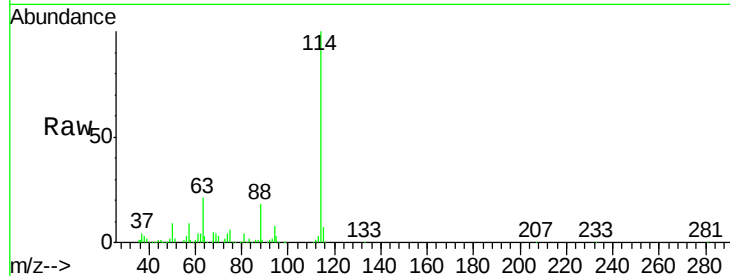
ClientSampleId :

TP-11-D

Tot Ion:	114	Resp:	302131
Ion Ratio		Lower	Upper
114	100		
63	21.1	0.0	41.6
88	18.0	0.0	38.8

Manual Integrations
APPROVED

apatel
6/20/2018 11:21:46 AM



#35

Dibromofluoromethane

Concen: 55.50 ug/l

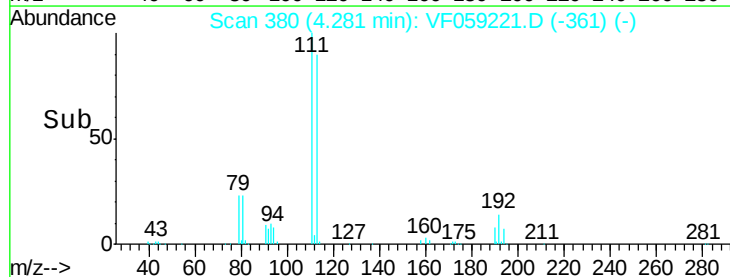
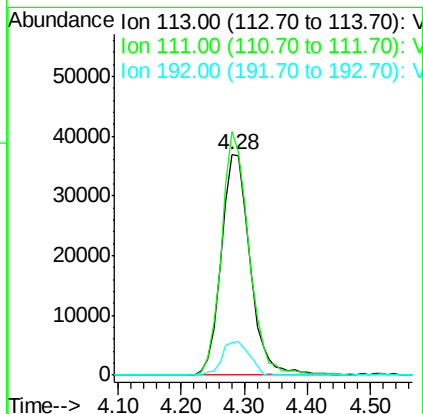
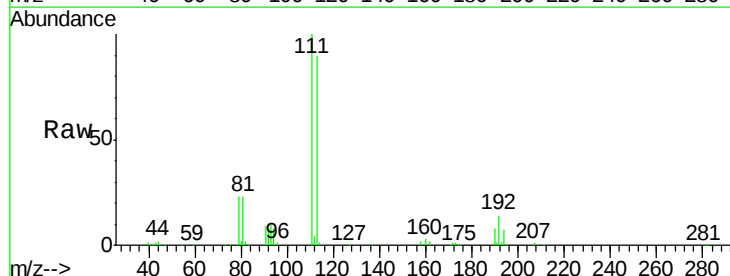
RT: 4.28 min Scan# 380

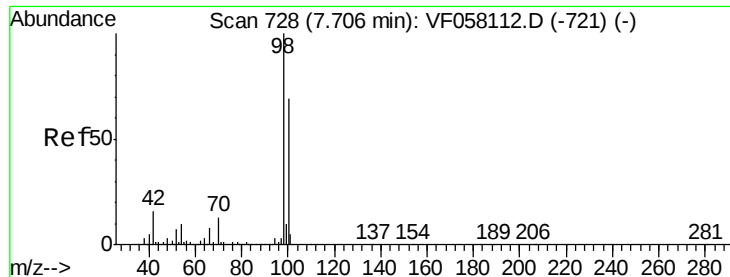
Delta R.T. -0.01 min

Lab File: VF059221.D

Acq: 20 Jun 2018 8:08

Tgt Ion:	113	Resp:	117656
Ion Ratio		Lower	Upper
113	100		
111	110.7	81.3	121.9
192	15.0	12.7	19.1





#50

Toluene-d8

Concen: 46.23 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059221.D

Acq: 20 Jun 2018 8:08

Instrument :

MSVOA_F

ClientSampled :

TP-11-D

Tot Ion: 98 Resp: 287910

Ion Ratio Lower Upper

98 100

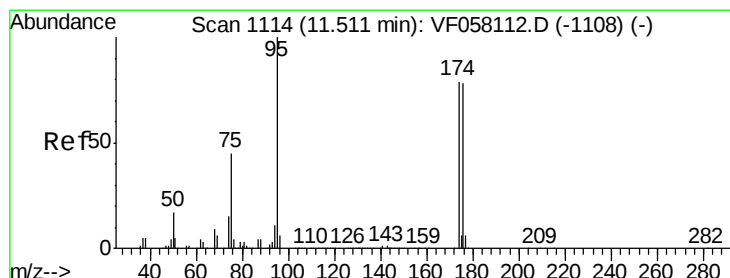
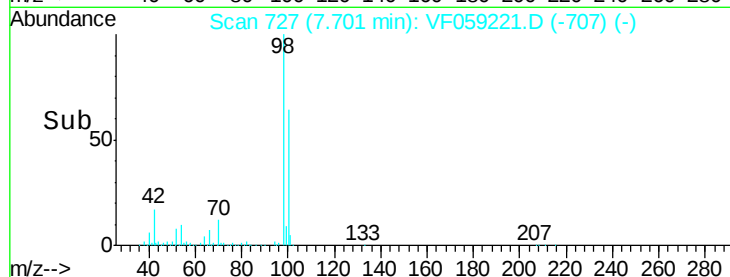
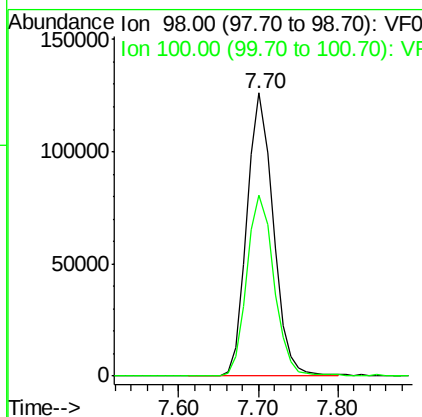
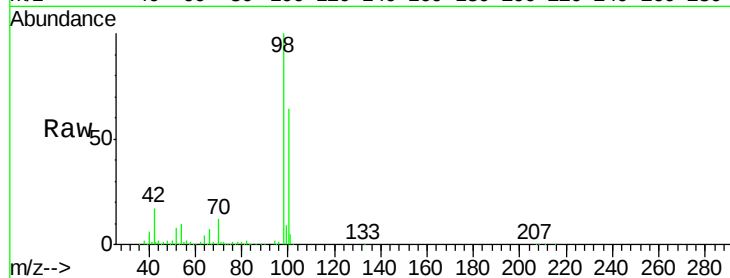
100 63.9 55.6 83.4

Manual Integrations

APPROVED

apatel

6/20/2018 11:21:46 AM



#62

4-Bromofluorobenzene

Concen: 51.90 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059221.D

Acq: 20 Jun 2018 8:08

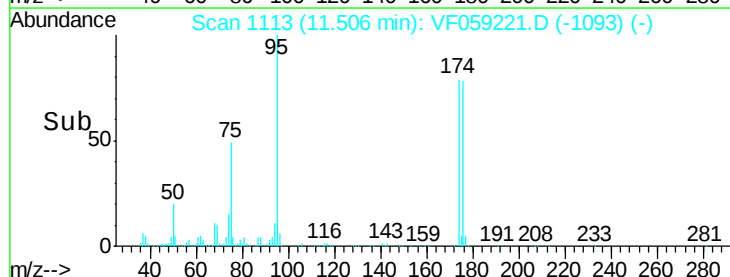
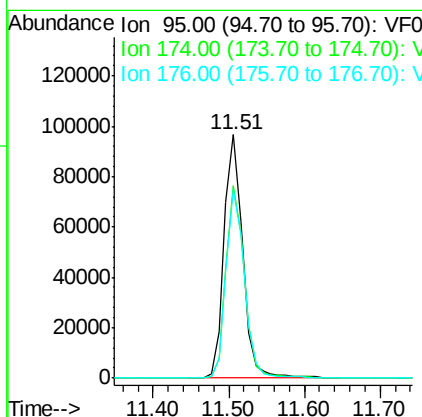
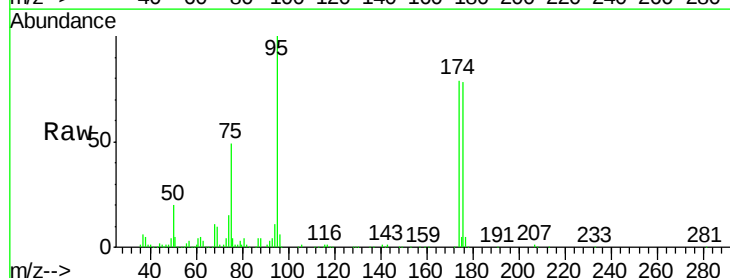
Tgt Ion: 95 Resp: 165784

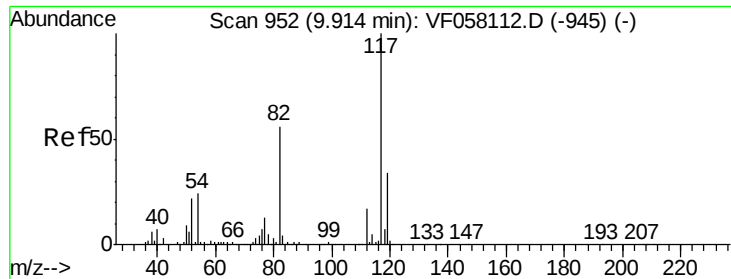
Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.8

176 77.6 0.0 155.8





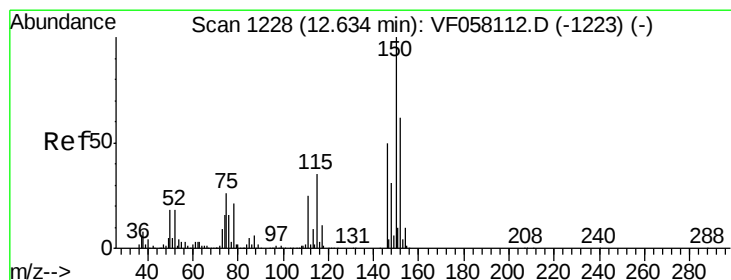
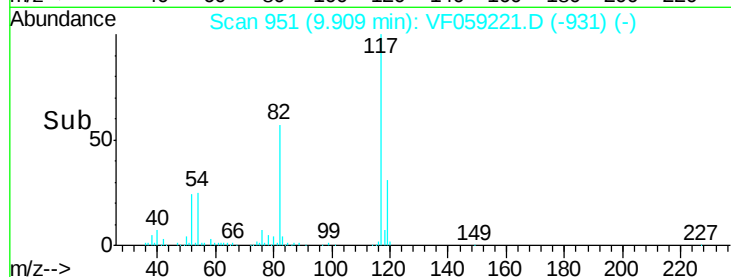
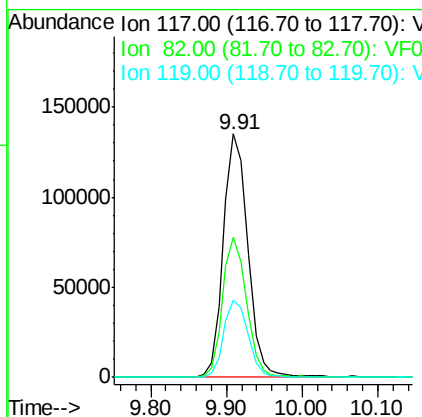
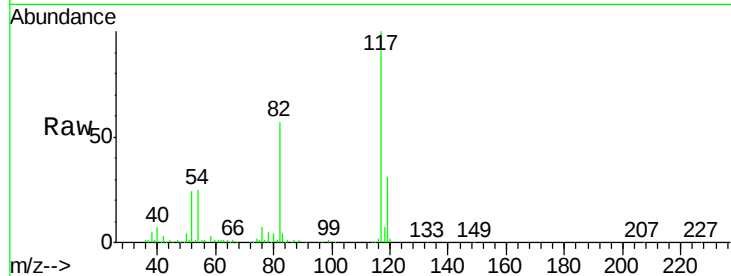
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059221.D
Acq: 20 Jun 2018 8:08

Instrument :
MSVOA_F
ClientSampleId :
TP-11-D

Tot Ion	Ratio	Resp	Lower	Upper
117	100	305314		
82	57.3	45.2	67.8	
119	31.5	27.5	41.3	

Manual Integrations
APPROVED

apatel
6/20/2018 11:21:46 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059221.D
Acq: 20 Jun 2018 8:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	187811		
115	55.1	28.5	85.5	
150	153.5	0.0	323.8	

