

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059468.D
 Acq On : 6 Jul 2018 23:48
 Operator : VA/AP
 Sample : J3874-02
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-M-NYSEG-MCMaster-PH4-50

Manual Integrations
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 7/9/2018 12:50:33 PM

Quant Time: Jul 07 04:30:50 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	5.01	168	141993	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	217406	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	181848	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	85413	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	113857	62.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.12%	
35) Dibromofluoromethane	4.26	113	97635	61.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	122.92%	
50) Toluene-d8	7.68	98	168137	42.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.50%	
62) 4-Bromofluorobenzene	11.48	95	77518	34.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.88%	
Target Compounds						
20) Methylene Chloride	2.31	84	9616m	2.30	ug/l	Qvalue

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

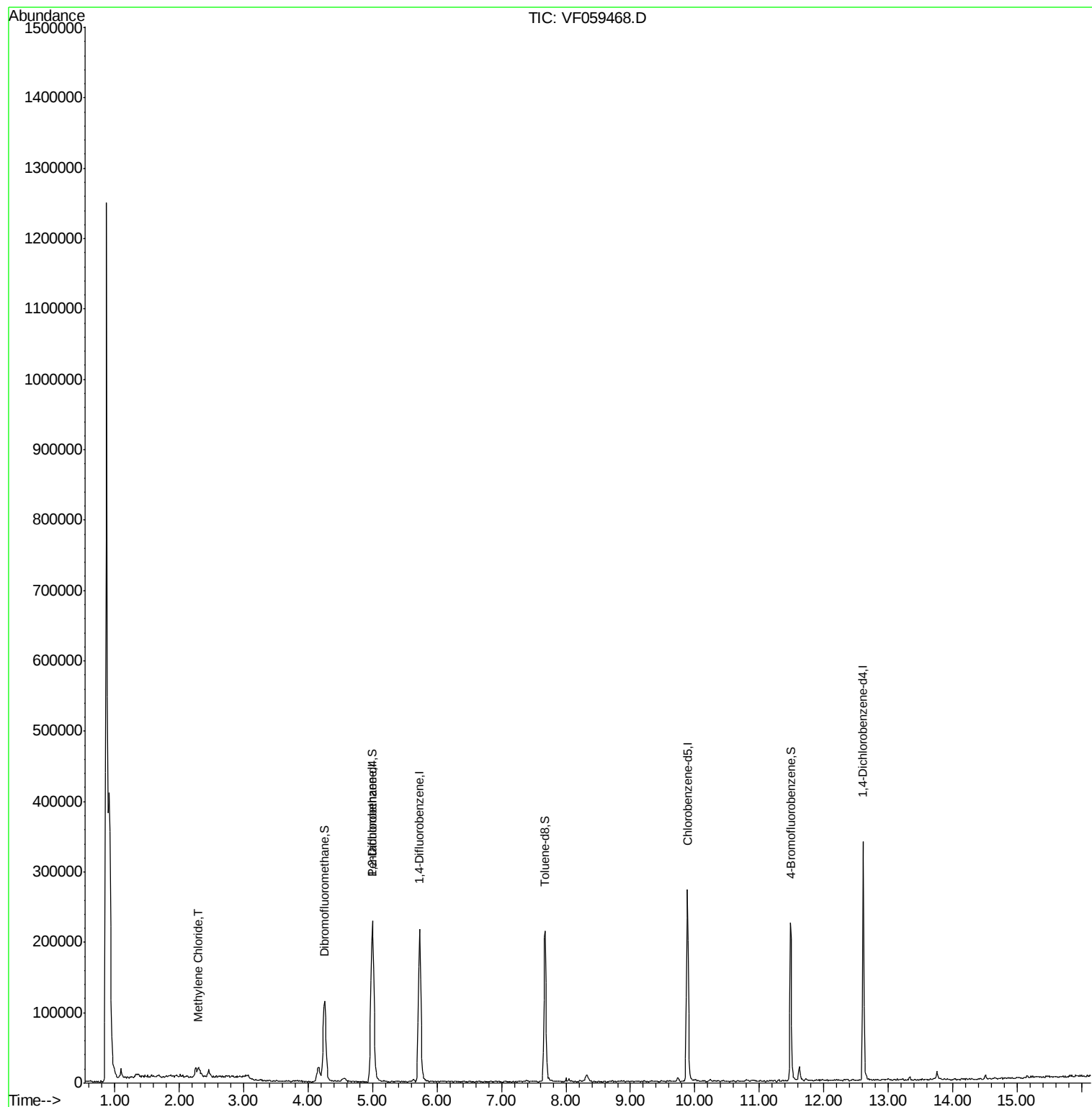
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070618\
Data File : VF059468.D
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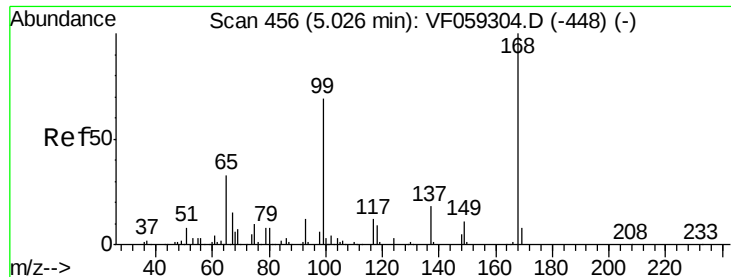
Instrument :
MSVOA_F
ClientSampleId :
2018-M-NYSEG-MCMaster-PH4-5(

Manual Integrations
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7/9/2018 12:50:33 PM

Quant Time: Jul 07 04:30:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

Instrument :

MSVOA_F

ClientSampleId :

2018-M-NYSEG-MCMaster-PH4-5(

Tot Ion:168 Resp: 141993

Ion Ratio Lower Upper

168 100

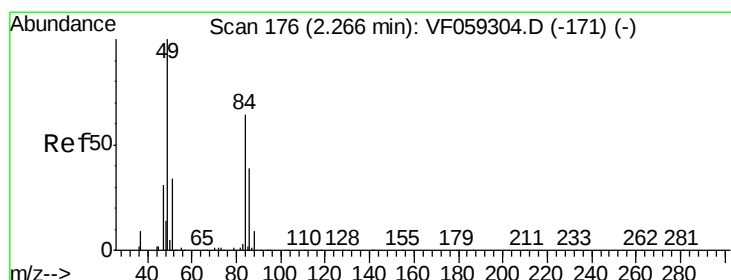
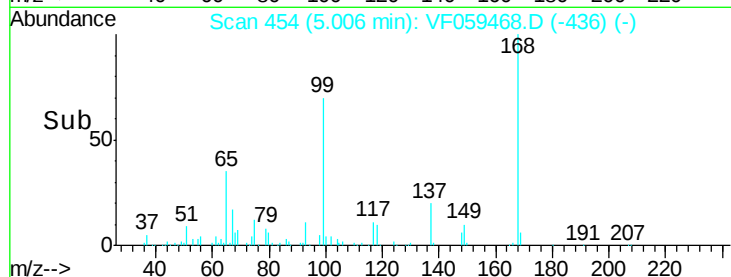
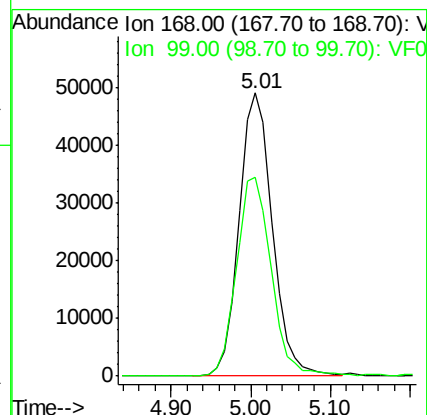
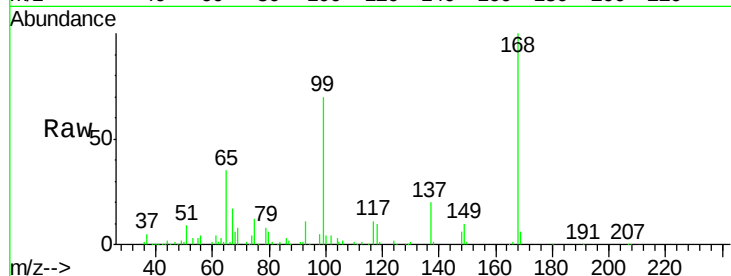
99 70.2 54.9 82.3

Manual Integrations

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#20

Methylene Chloride

Concen: 2.30 ug/l m

RT: 2.31 min Scan# 180

Delta R.T. 0.04 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

Tgt Ion: 84 Resp: 9616

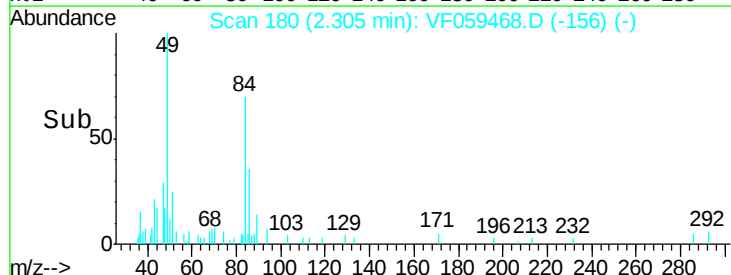
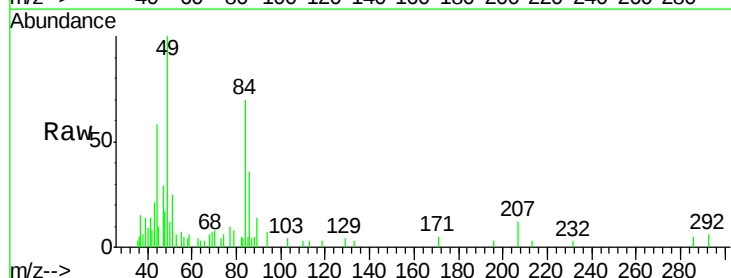
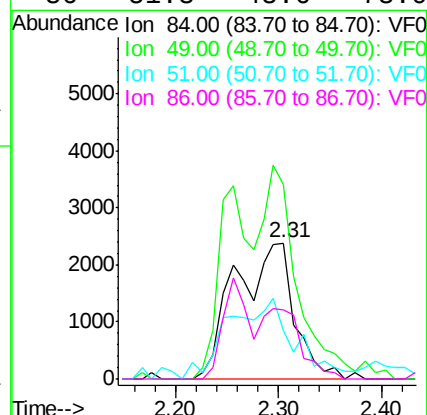
Ion Ratio Lower Upper

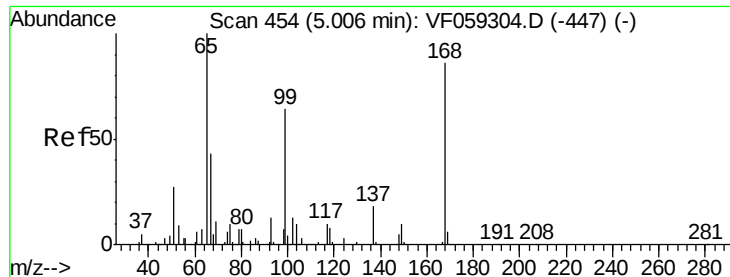
84 100

49 143.4 126.5 189.7

51 36.1 42.9 64.3#

86 51.3 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 62.06 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

Instrument :

MSVOA_F

ClientSampleId :

2018-M-NYSEG-MCMaster-PH4-5(

Tot Ion: 65 Resp: 113857

Ion Ratio Lower Upper

65 100

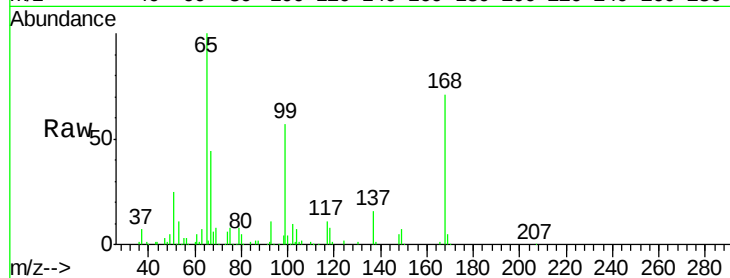
67 43.5 0.0 96.8

Manual Integrations

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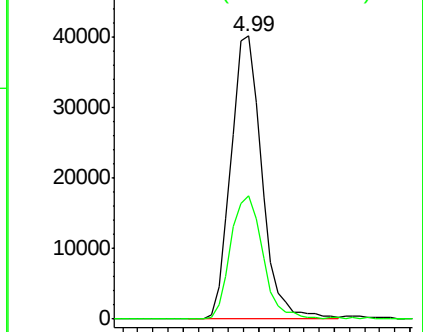
apatel

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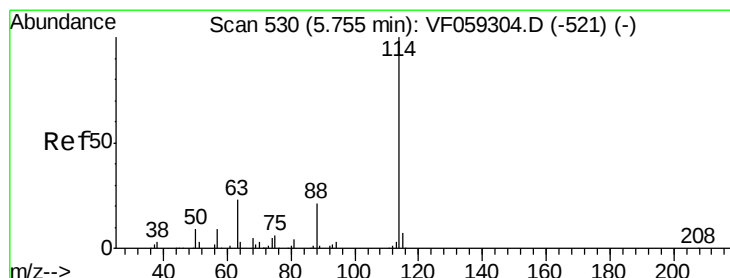
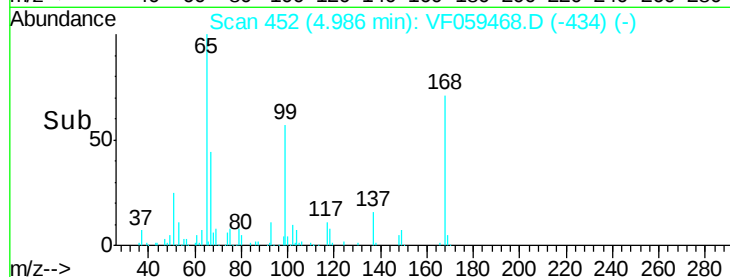


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

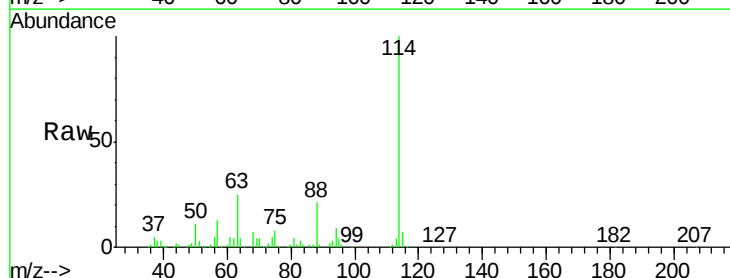
Tgt Ion: 114 Resp: 217406

Ion Ratio Lower Upper

114 100

63 25.4 0.0 45.8

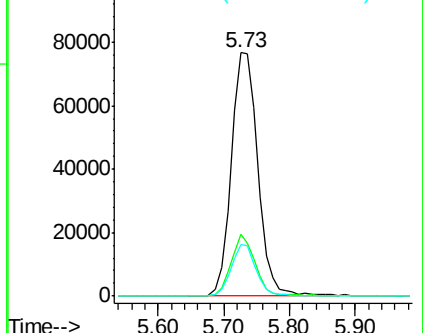
88 21.2 0.0 41.2



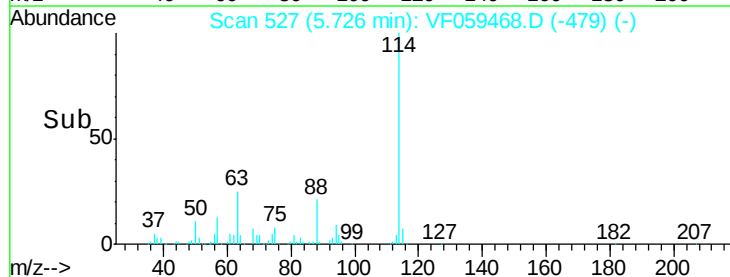
Abundance Ion 114.00 (113.70 to 114.70): V

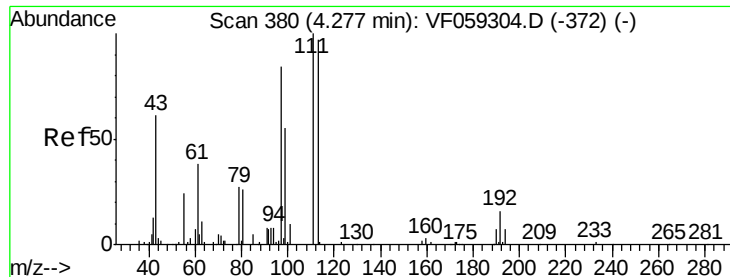
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->





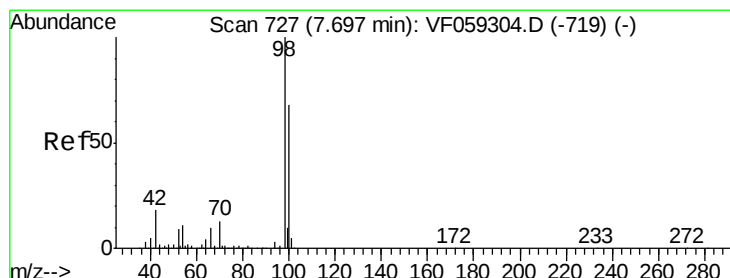
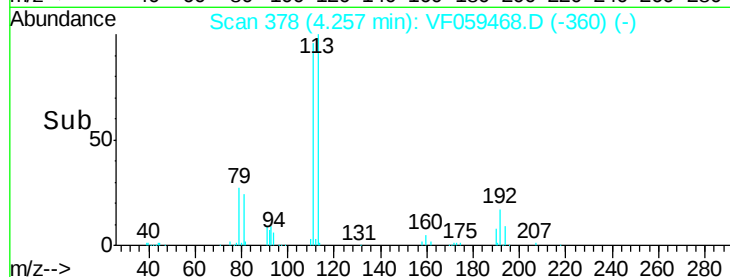
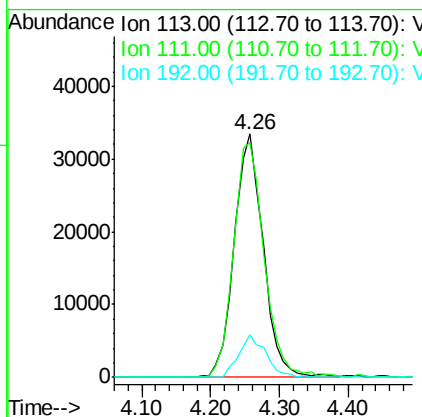
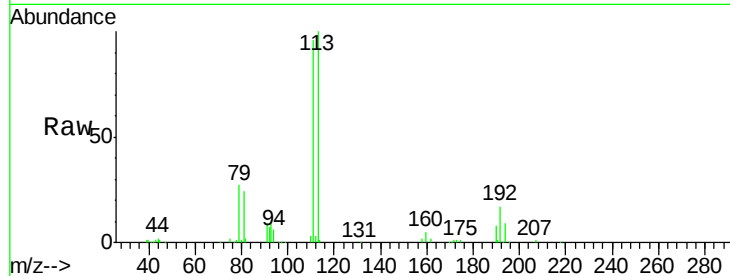
#35
 Dibromofluoromethane
 Concen: 61.46 ug/l
 RT: 4.26 min Scan# 378
 Delta R.T. -0.02 min
 Lab File: VF059468.D
 Acq: 6 Jul 2018 23:48

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-M-NYSEG-MCMaster-PH4-5

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.4	82.1	123.1
192	17.5	13.0	19.6

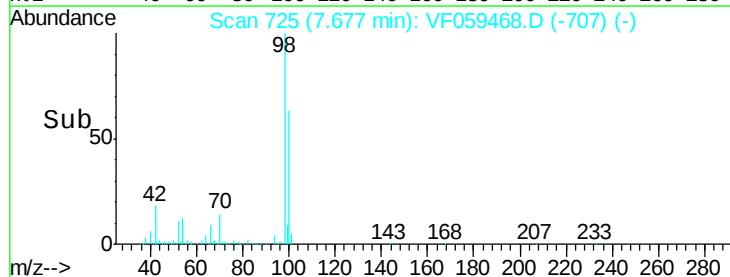
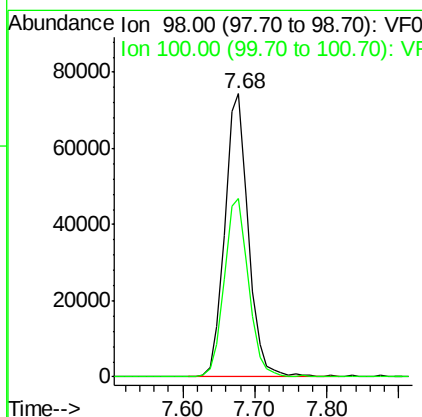
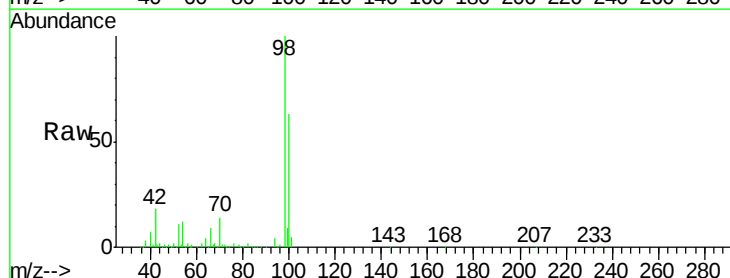
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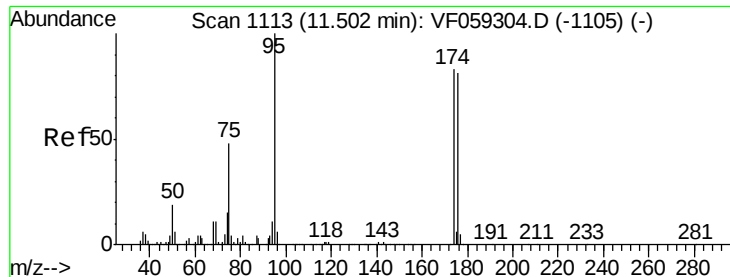
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#50
 Toluene-d8
 Concen: 42.75 ug/l
 RT: 7.68 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: VF059468.D
 Acq: 6 Jul 2018 23:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	54.6	82.0





#62

4-Bromofluorobenzene

Concen: 34.94 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

Instrument :

MSVOA_F

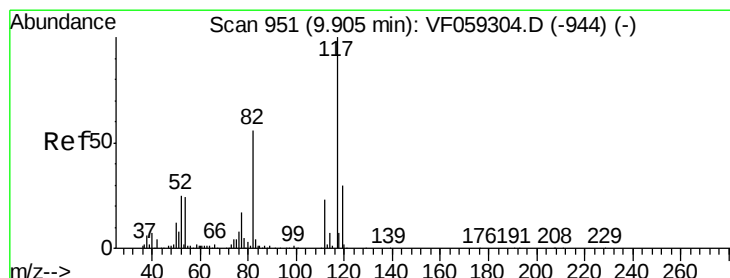
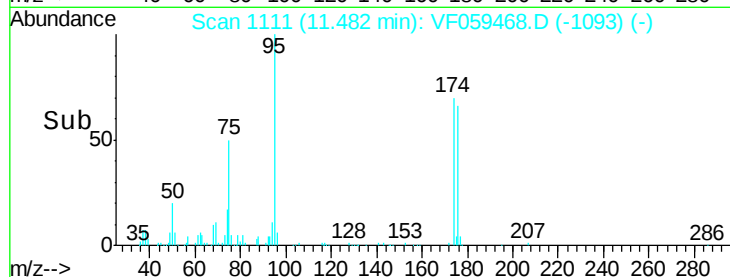
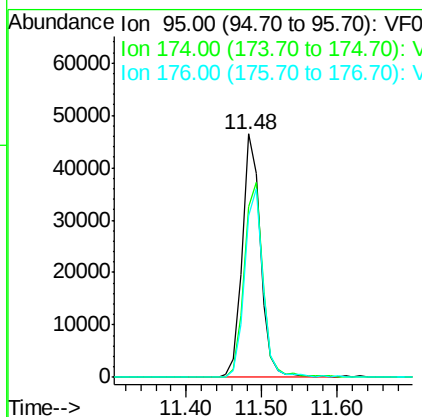
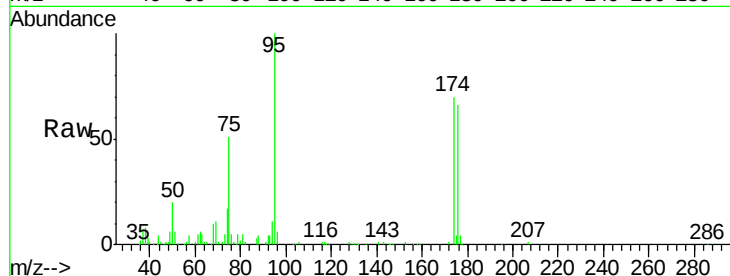
ClientSampleId :

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Tot Ion:	95	Resp:	77518
Ion Ratio	Lower	Upper	
95	100		
174	70.3	0.0	165.2
176	66.3	0.0	161.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

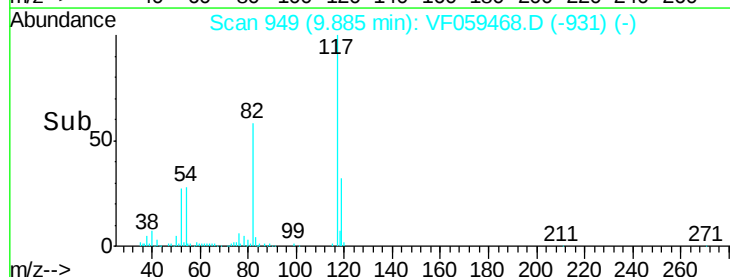
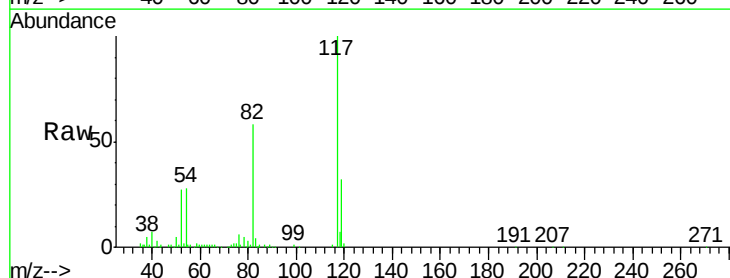
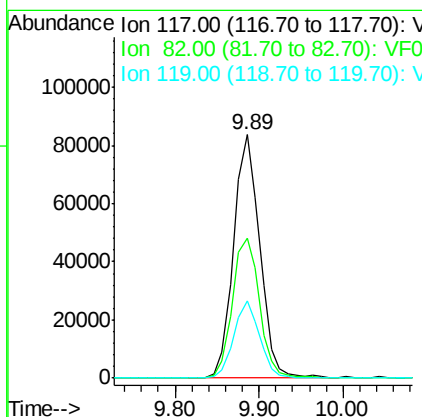
RT: 9.89 min Scan# 949

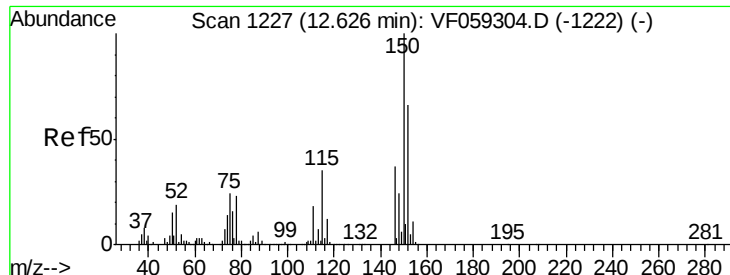
Delta R.T. -0.02 min

Lab File: VF059468.D

Acq: 6 Jul 2018 23:48

Tgt Ion:	117	Resp:	181848
Ion Ratio	Lower	Upper	
117	100		
82	57.5	44.6	66.8
119	31.6	24.1	36.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF059468.D

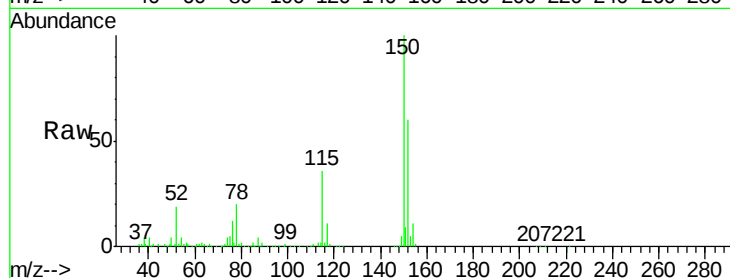
Acq: 6 Jul 2018 23:48

Instrument :

MSVOA_F

ClientSampleId :

2018-M-NYSEG-MCMaster-PH4-5(



Tot Ion:152 Resp: 85413

Ion Ratio Lower Upper

152 100

115 59.6 27.1 81.3

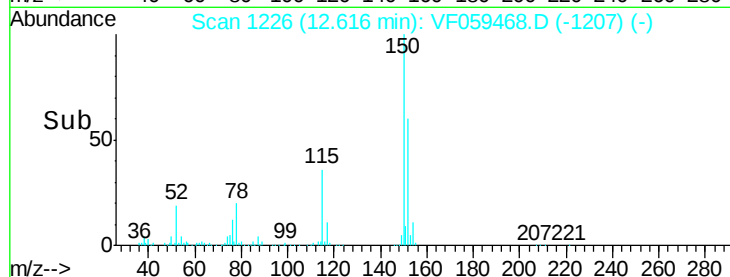
150 166.9 0.0 305.2

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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

