

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059183.D
 Acq On : 18 Jun 2018 18:43
 Operator : VA/AP
 Sample : J3567-11
 Misc : 6.49g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S

Manual Integrations
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Quant Time: Jun 19 04:11:43 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	225980	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	351935	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	330819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	204516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	143761	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	4.29	113	130592	52.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	7.71	98	320188	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
62) 4-Bromofluorobenzene	11.51	95	171594	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
20) Methylene Chloride	2.26	84	9033m	5.765	ug/l	Qvalue
30) Chloroform	4.03	83	28538	5.728	ug/l	90

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

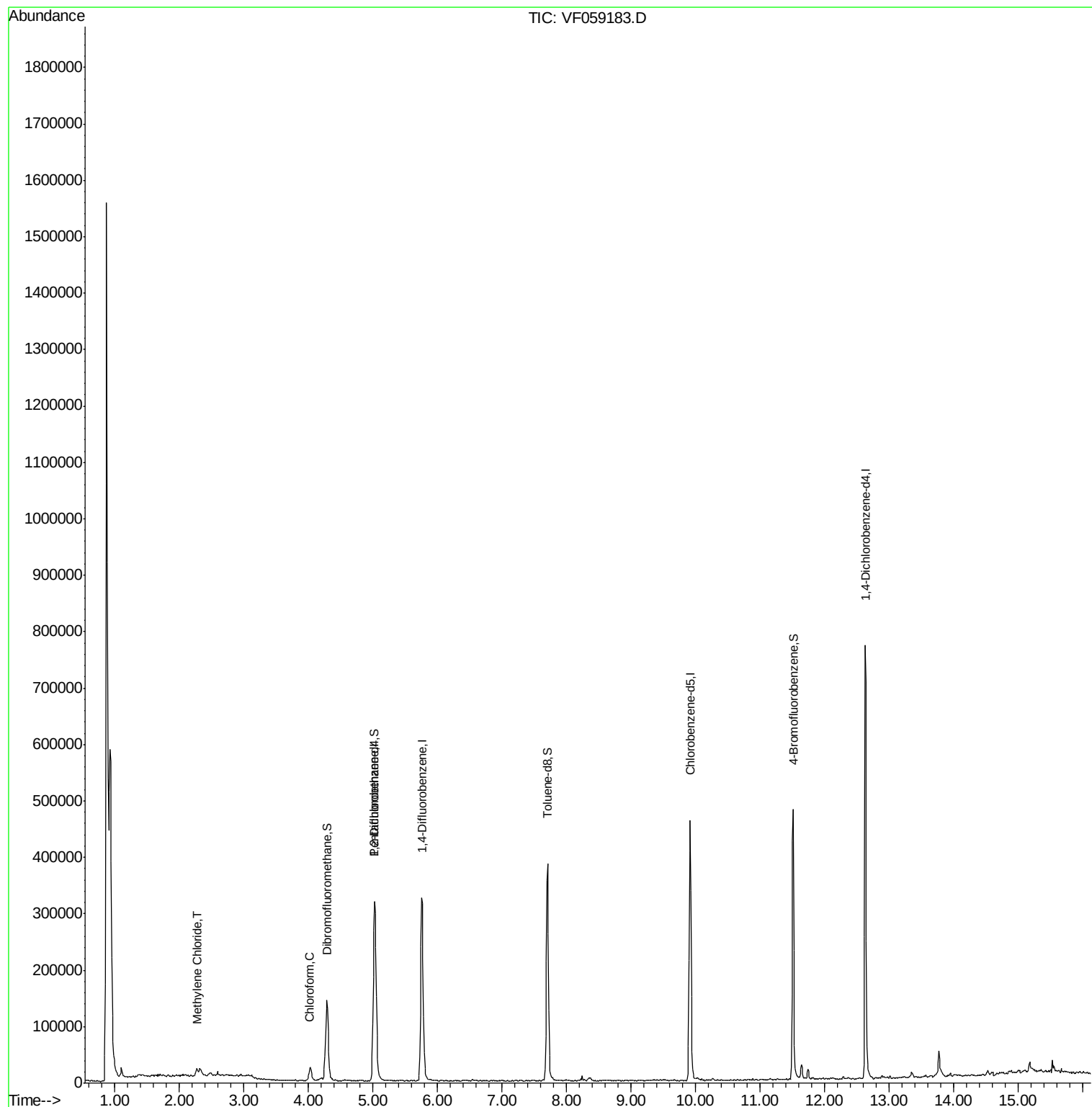
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
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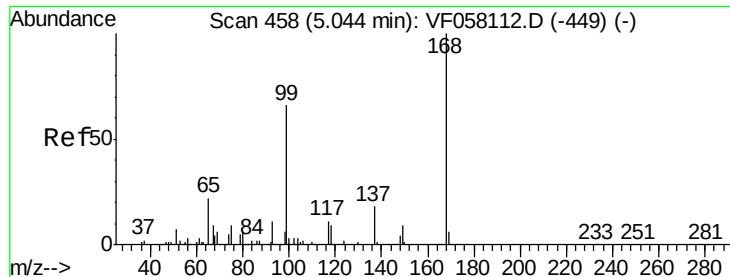
Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Quant Time: Jun 19 04:11:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059183.D

Acq: 18 Jun 2018 18:43

Instrument :

MSVOA_F

ClientSampleId :

TP-11-S

Tot Ion:168 Resp: 225980

Ion Ratio Lower Upper

168 100

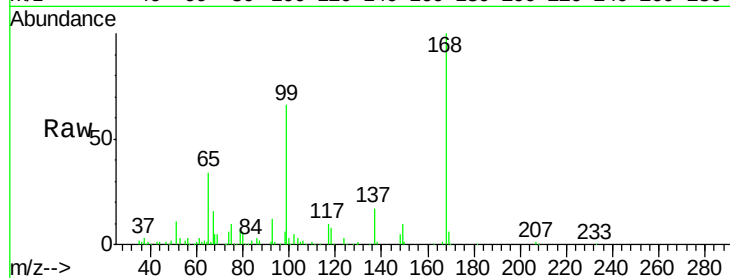
99 65.5 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

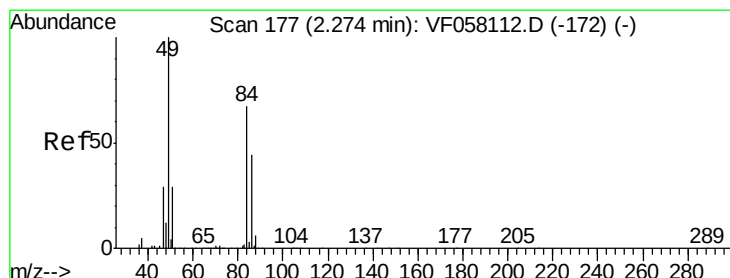
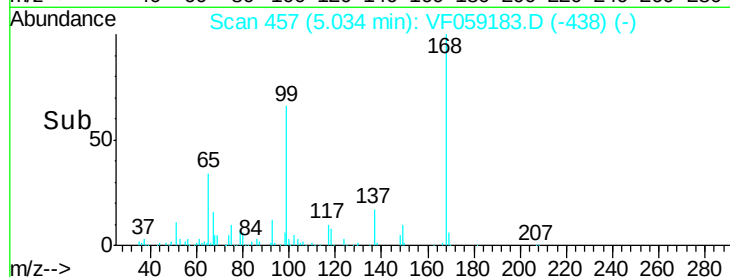
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.765 ug/l m

RT: 2.26 min Scan# 176

Delta R.T. -0.01 min

Lab File: VF059183.D

Acq: 18 Jun 2018 18:43

Tgt Ion: 84 Resp: 9033

Ion Ratio Lower Upper

84 100

49 150.2 121.0 181.4

51 62.8 35.8 53.6#

86 55.6 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

6000

5000

4000

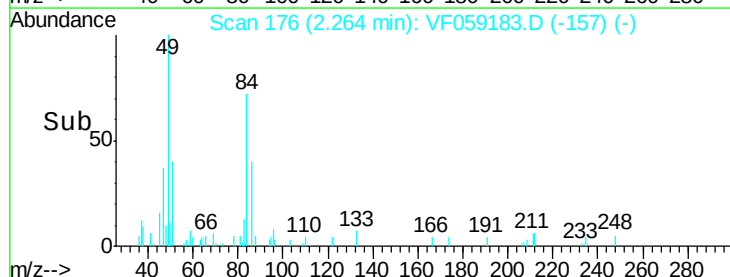
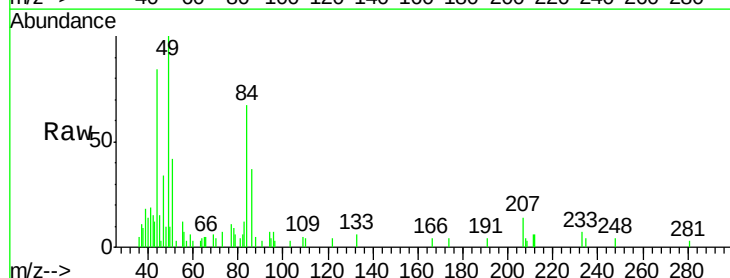
3000

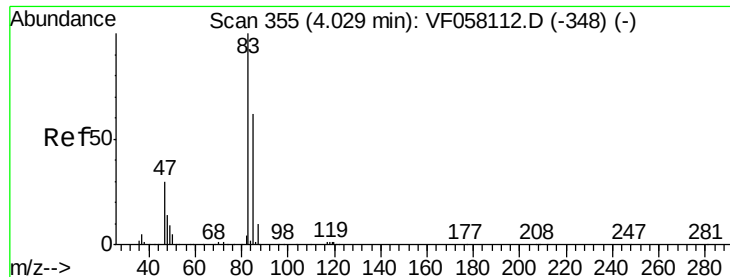
2000

1000

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Time-->





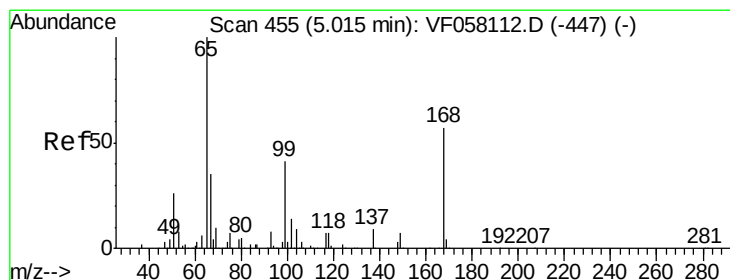
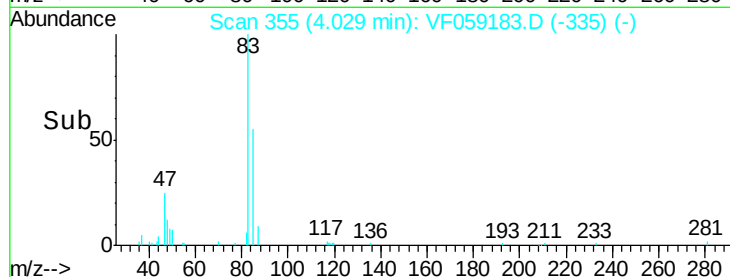
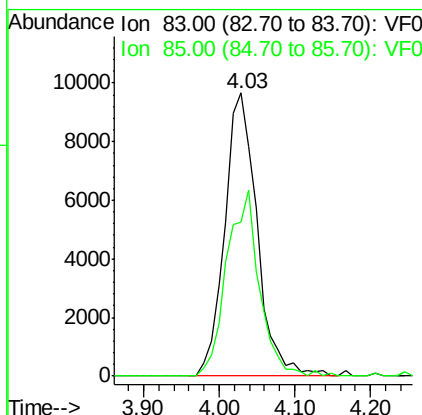
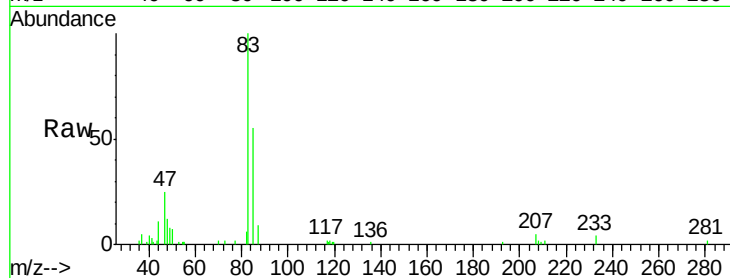
#30
Chloroform
Concen: 5.728 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampled :
TP-11-S

Tot Ion	83	Resp	28538
Ion Ratio	100	Lower	Upper
83	100		
85	54.6	49.5	74.3

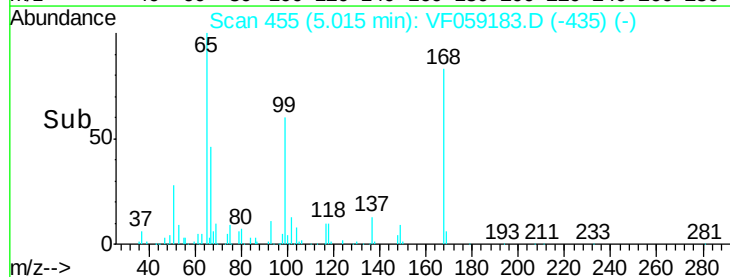
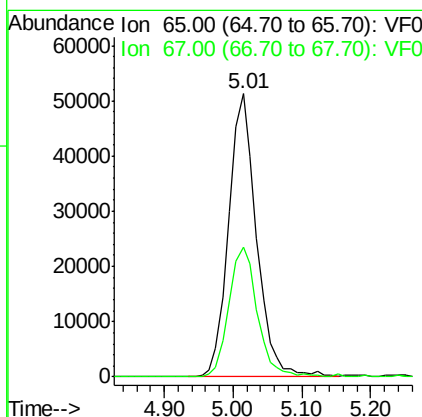
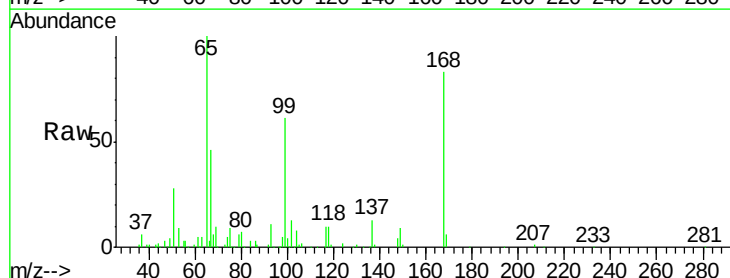
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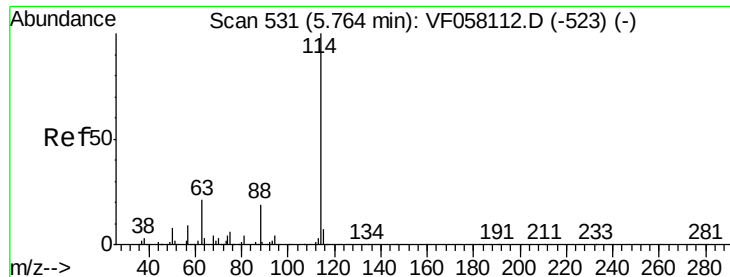
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#33
1,2-Dichloroethane-d4
Concen: 52.455 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion	65	Resp	143761
Ion Ratio	100	Lower	Upper
65	100		
67	45.8	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059183.D

Acq: 18 Jun 2018 18:43

Instrument :

MSVOA_F

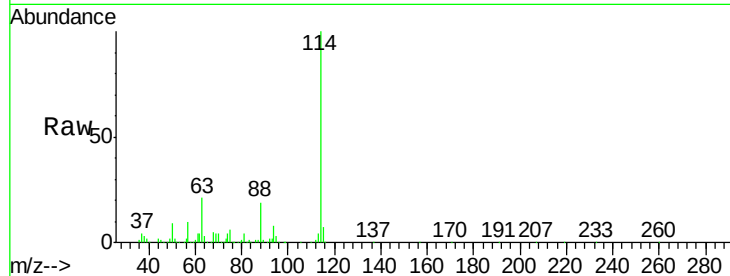
ClientSampleId :

TP-11-S

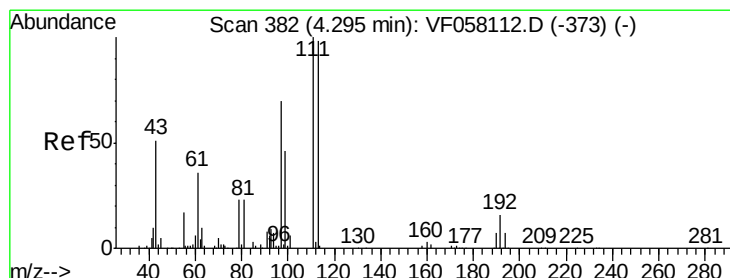
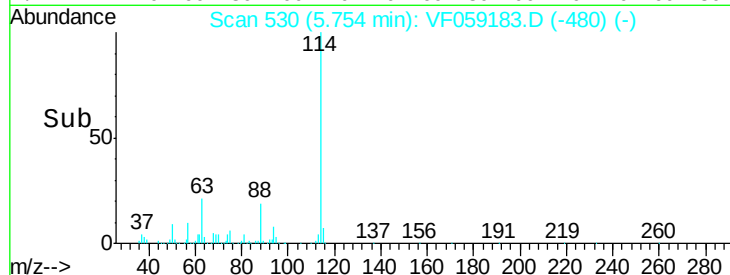
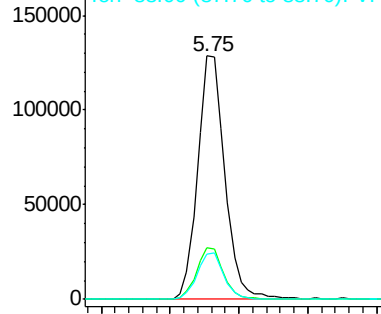
Tot Ion:	114	Resp:	351935
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	41.6
88	18.5	0.0	38.8

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Abundance Ion 114.00 (113.70 to 114.70): V



#35

Dibromofluoromethane

Concen: 52.883 ug/l

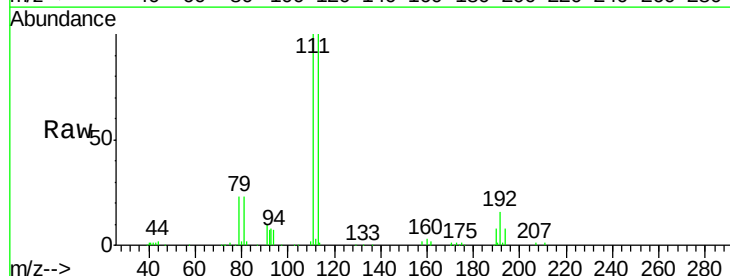
RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

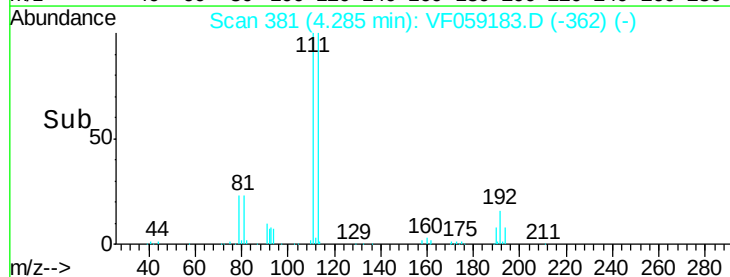
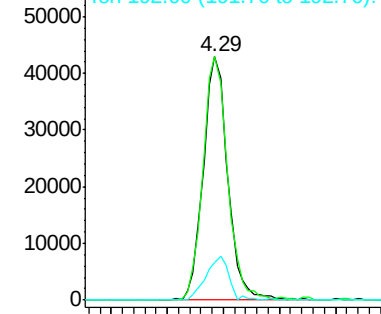
Lab File: VF059183.D

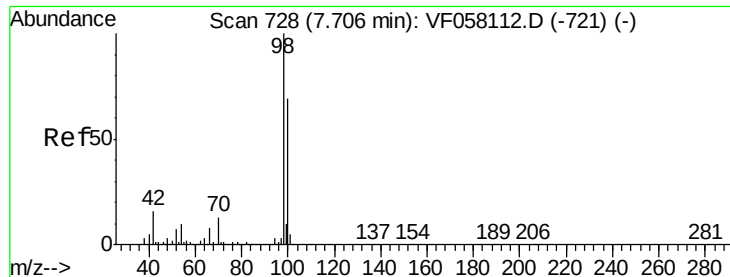
Acq: 18 Jun 2018 18:43

Tgt Ion:	113	Resp:	130592
Ion Ratio	Lower	Upper	
113	100		
111	100.1	81.3	121.9
192	15.6	12.7	19.1



Abundance Ion 113.00 (112.70 to 113.70): V





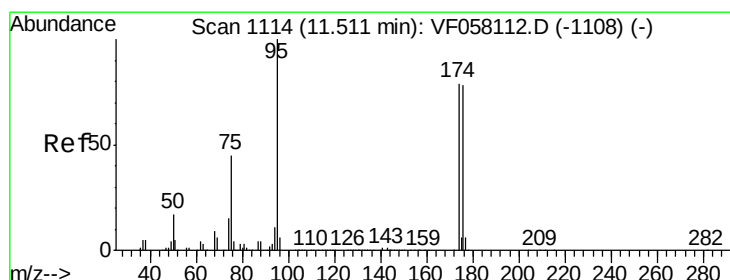
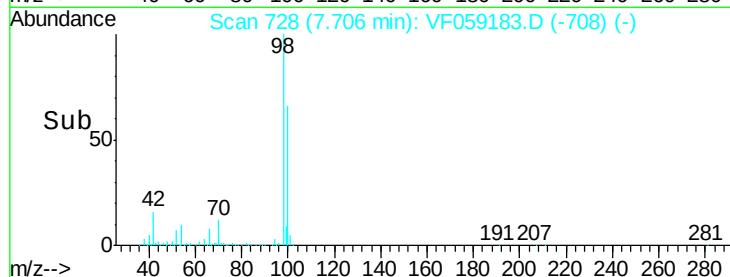
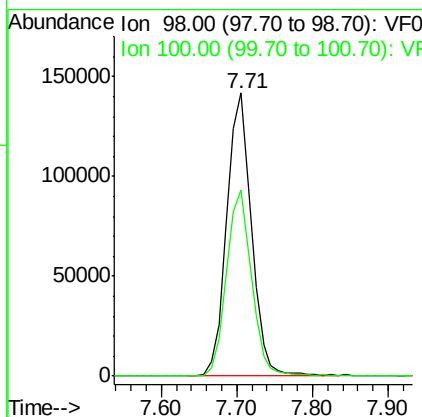
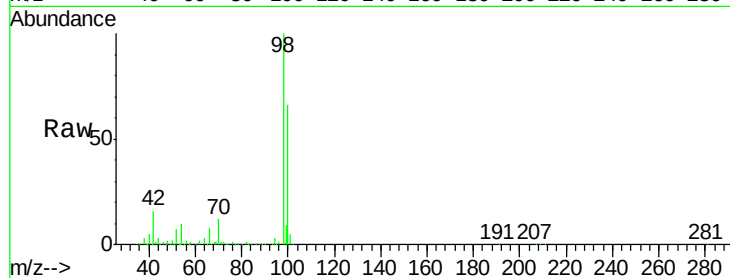
#50
Toluene-d8
Concen: 44.135 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tot Ion: 98 Resp: 320188
Ion Ratio Lower Upper
98 100
100 65.7 55.6 83.4

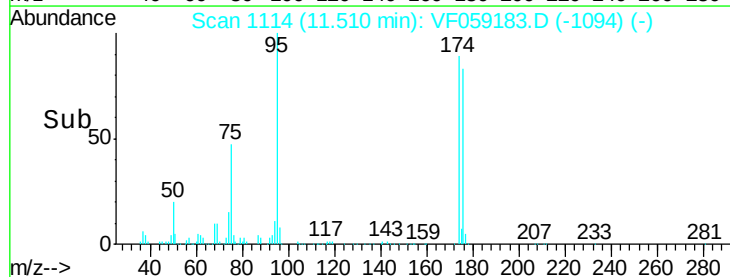
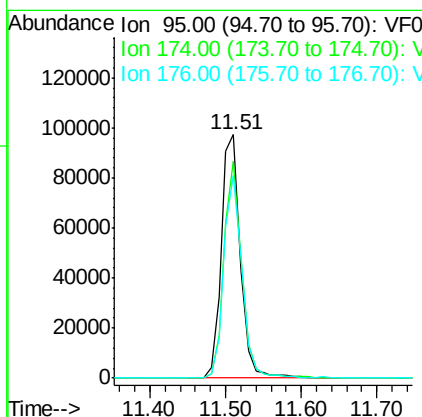
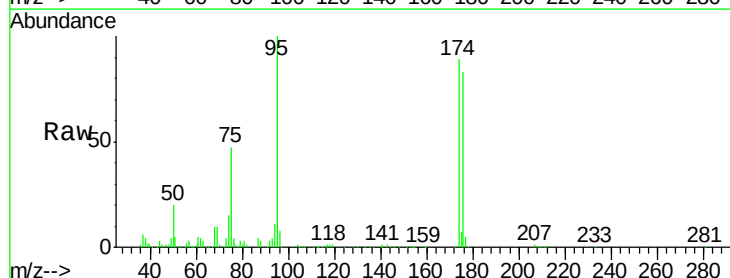
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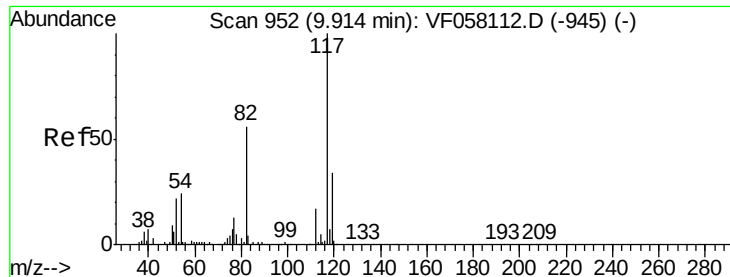
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#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion: 95 Resp: 171594
Ion Ratio Lower Upper
95 100
174 89.0 0.0 157.8
176 83.0 0.0 155.8





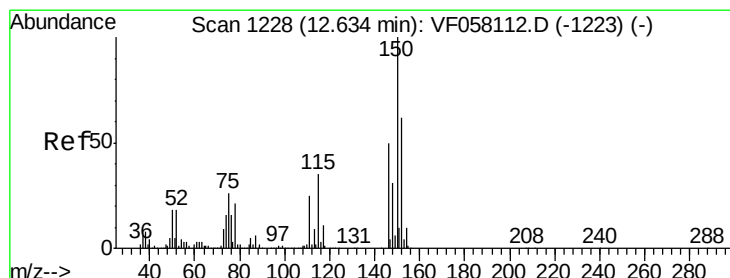
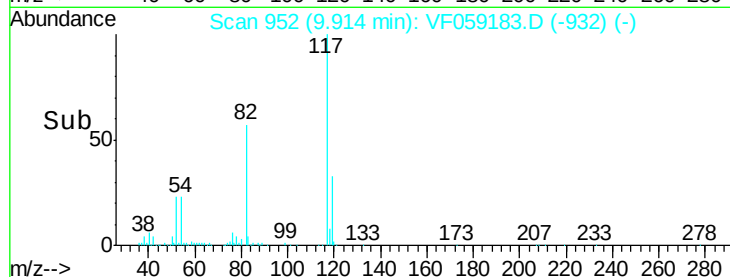
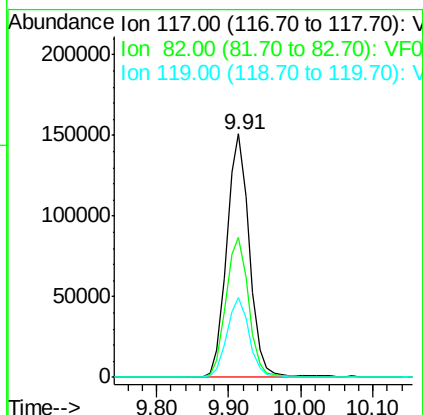
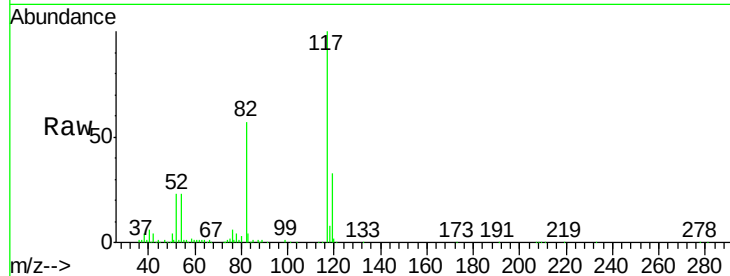
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	330819		
82	57.3		45.2	67.8
119	32.9		27.5	41.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059183.D
Acq: 18 Jun 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	204516		
115	56.8		28.5	85.5
150	153.3		0.0	323.8

