

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059223.D
 Acq On : 20 Jun 2018 9:04
 Operator : VA/AP
 Sample : J3584-03
 Misc : 5.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-S

Manual Integrations
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Quant Time: Jun 21 09:49:40 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	221107	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	368842	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	347571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	215910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	161717	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
35) Dibromofluoromethane	4.29	113	146109	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
50) Toluene-d8	7.70	98	318709	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	
62) 4-Bromofluorobenzene	11.51	95	182687	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
20) Methylene Chloride	2.28	84	11109	7.25	ug/l	Qvalue # 91

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

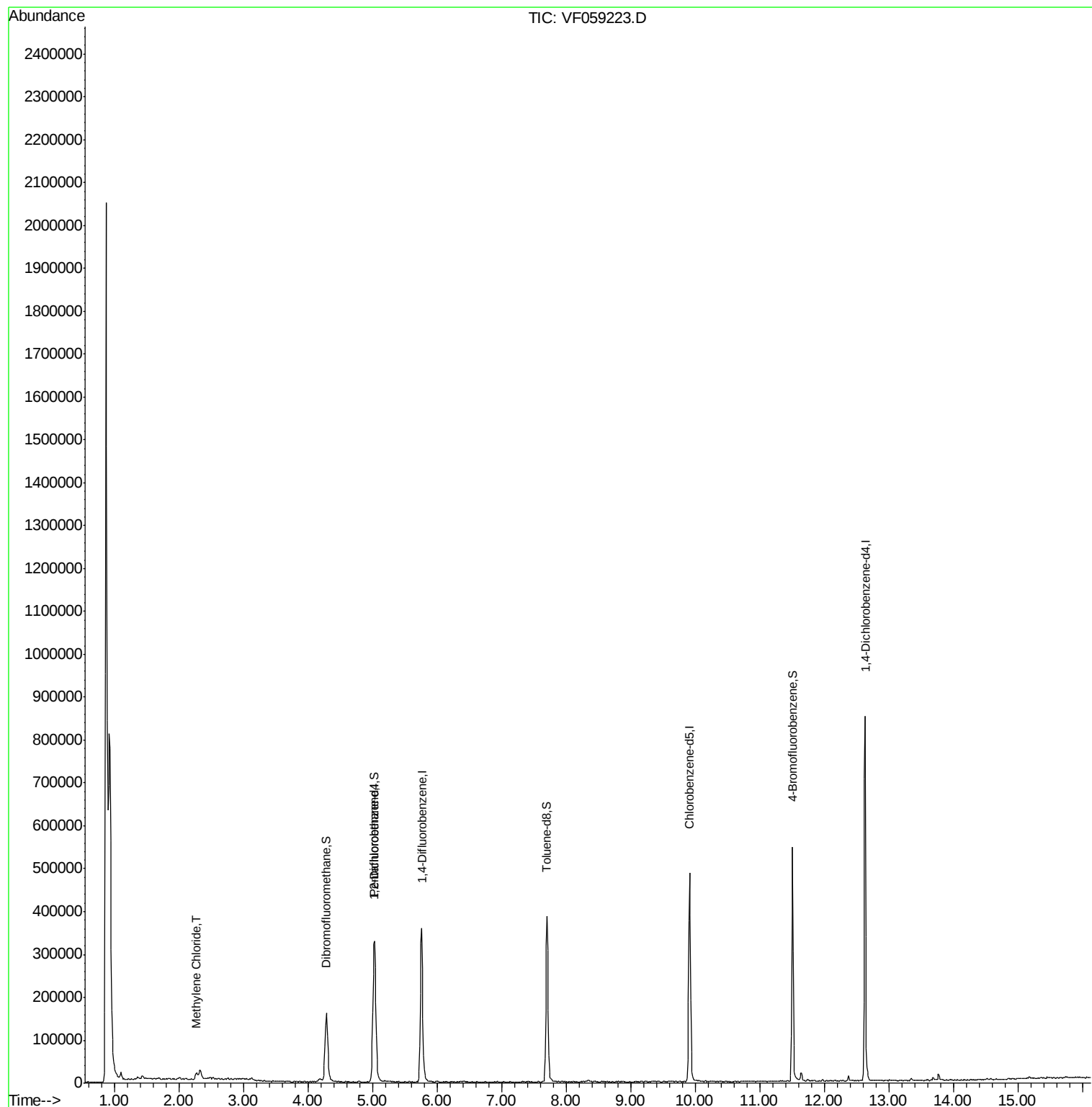
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
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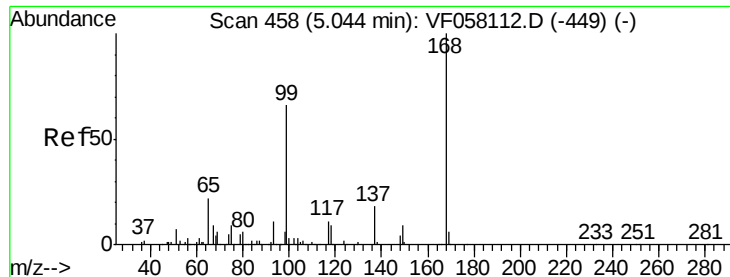
Instrument :
MSVOA_F
ClientSampleId :
TP-12-S

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Quant Time: Jun 21 09:49:40 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: VF059223.D

Acq: 20 Jun 2018 9:04

Instrument :

MSVOA_F

ClientSampleId :

TP-12-S

Tot Ion:168 Resp: 221107

Ion Ratio Lower Upper

168 100

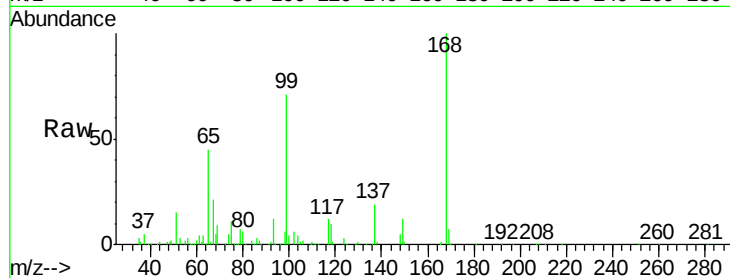
99 70.8 52.9 79.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

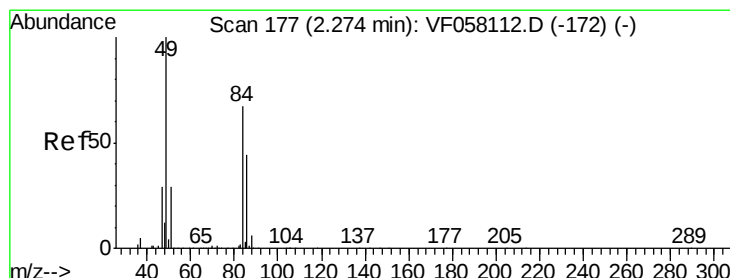
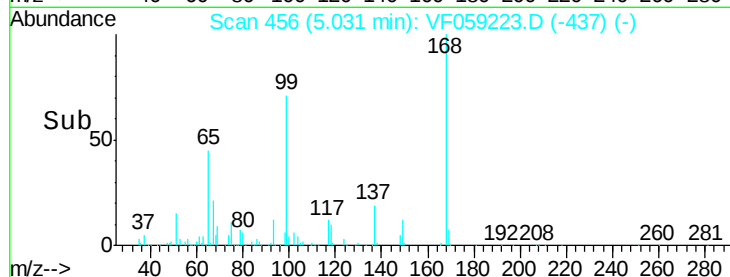
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 7.25 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.01 min

Lab File: VF059223.D

Acq: 20 Jun 2018 9:04

Tgt Ion: 84 Resp: 11109

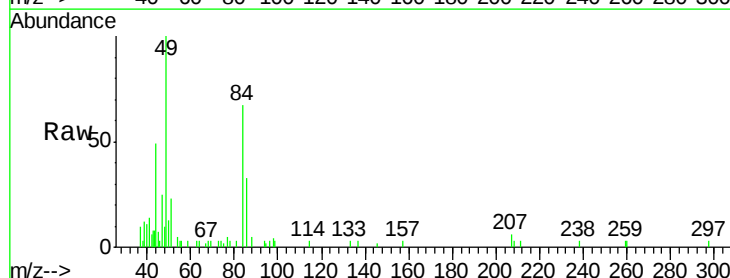
Ion Ratio Lower Upper

84 100

49 149.7 121.0 181.4

51 35.0 35.8 53.6#

86 49.5 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

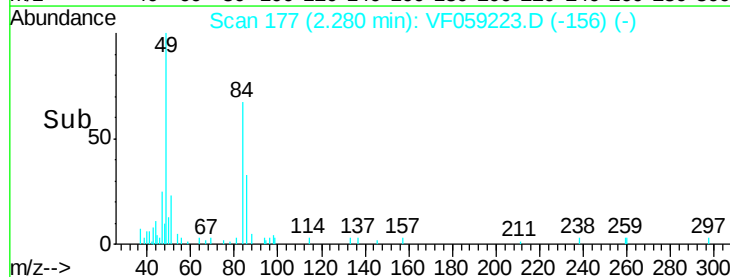
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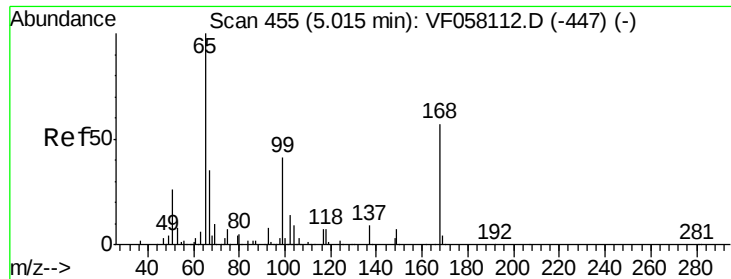
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Time-->





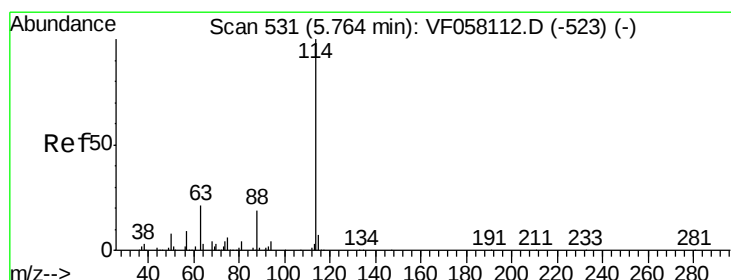
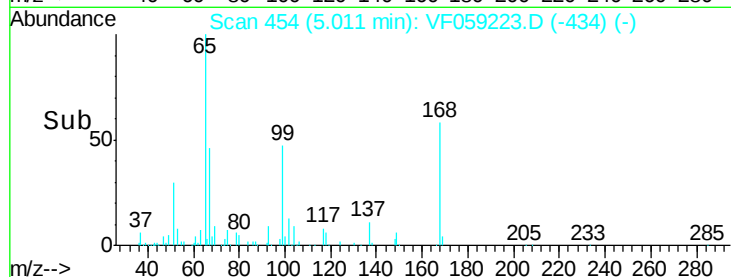
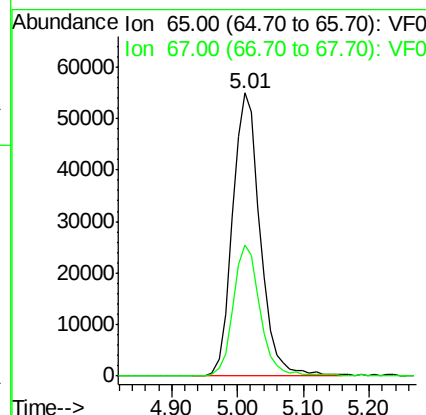
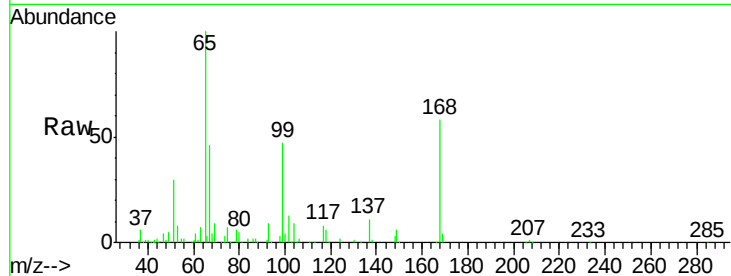
#33
 1,2-Dichloroethane-d4
 Concen: 60.31 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059223.D
 Acq: 20 Jun 2018 9:04

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Resp	Lower	Upper
65	100	161717		
67	46.1	0.0	97.0	

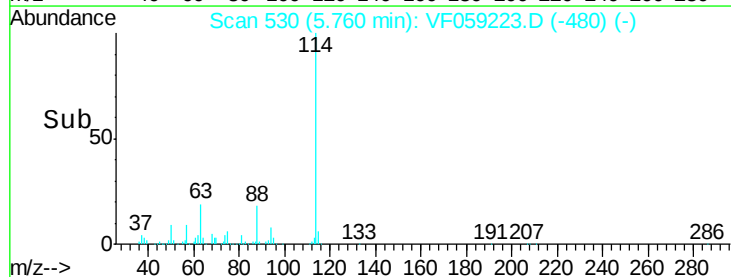
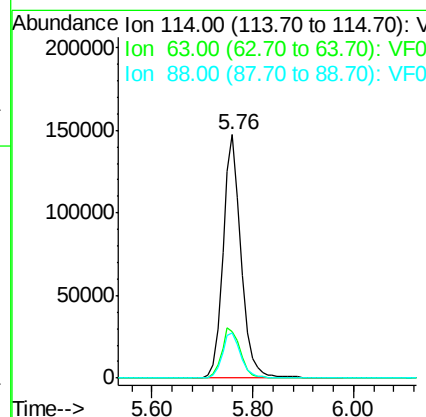
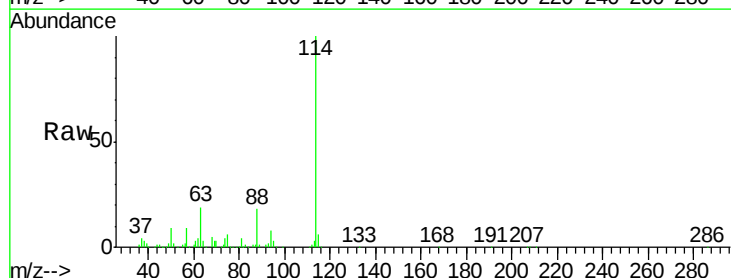
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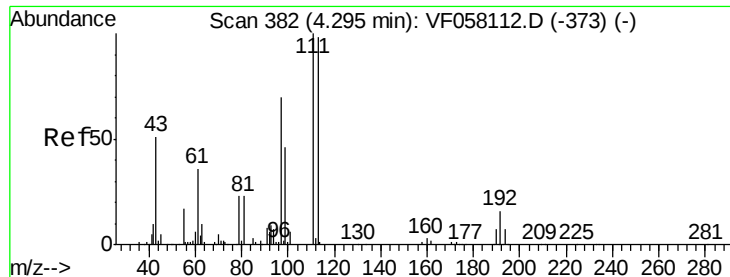
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059223.D
 Acq: 20 Jun 2018 9:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	368842		
63	19.1	0.0	41.6	
88	18.4	0.0	38.8	





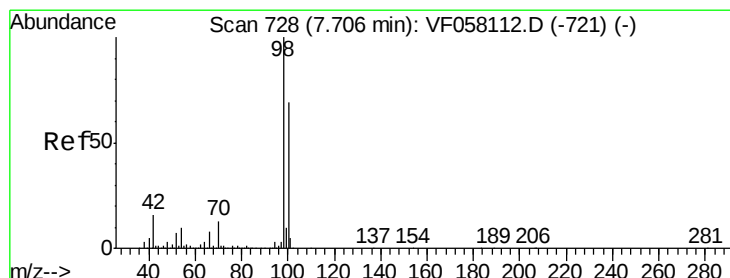
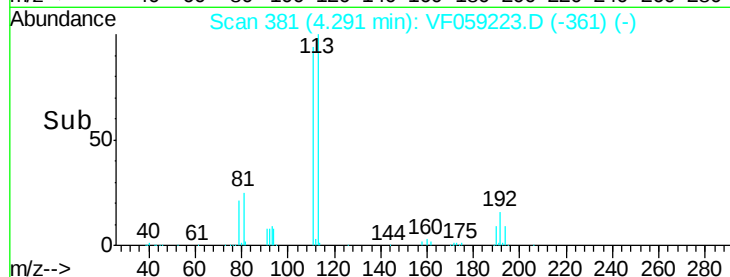
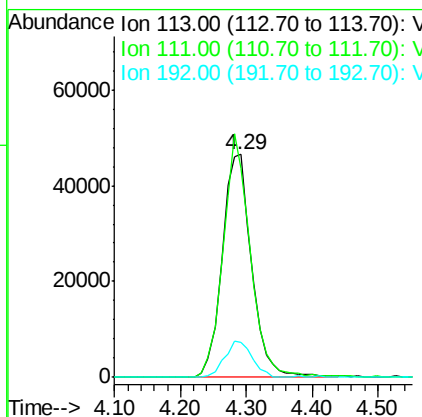
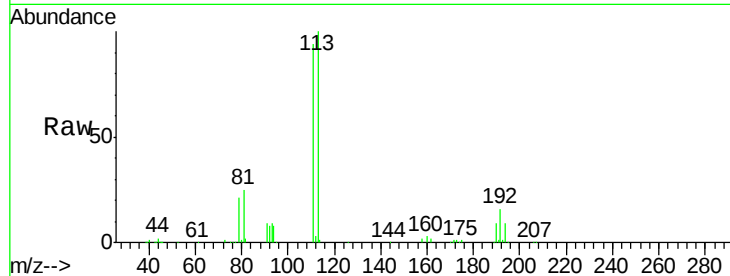
#35
 Dibromofluoromethane
 Concen: 56.45 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VF059223.D
 Acq: 20 Jun 2018 9:04

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12-S

Tot Ion	Ratio	Lower	Upper
113	100		
111	94.0	81.3	121.9
192	15.9	12.7	19.1

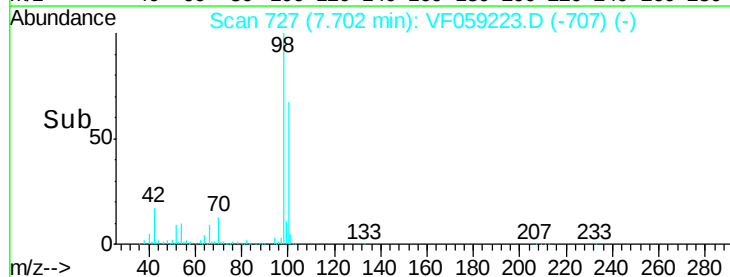
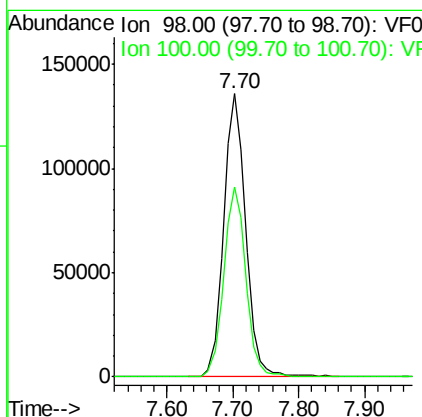
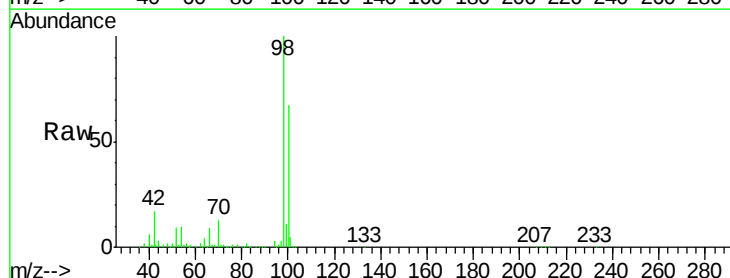
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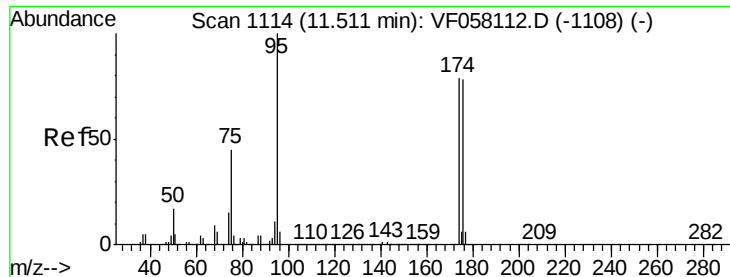
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#50
 Toluene-d8
 Concen: 41.92 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF059223.D
 Acq: 20 Jun 2018 9:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 46.85 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059223.D

Acq: 20 Jun 2018 9:04

Instrument :

MSVOA_F

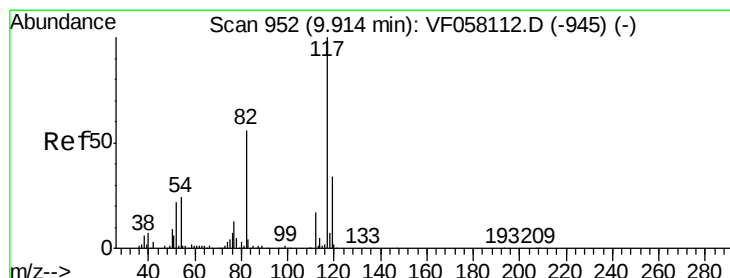
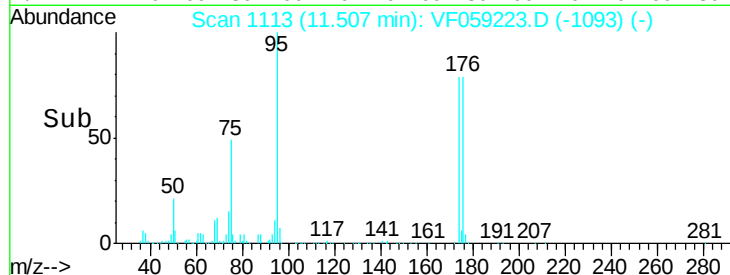
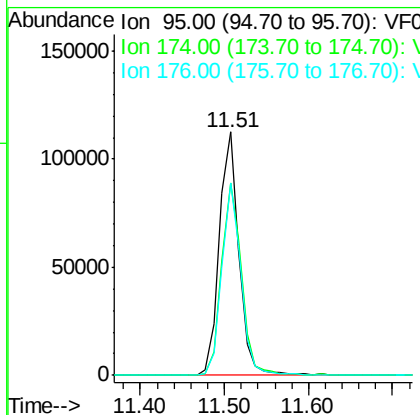
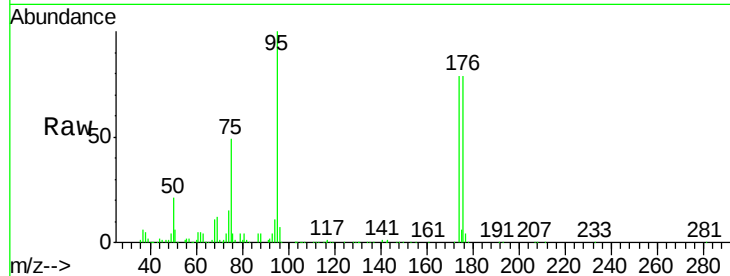
ClientSampleId :

TP-12-S

Tot Ion:	95	Resp:	182687
Ion Ratio	Lower	Upper	
95	100		
174	78.9	0.0	157.8
176	79.0	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

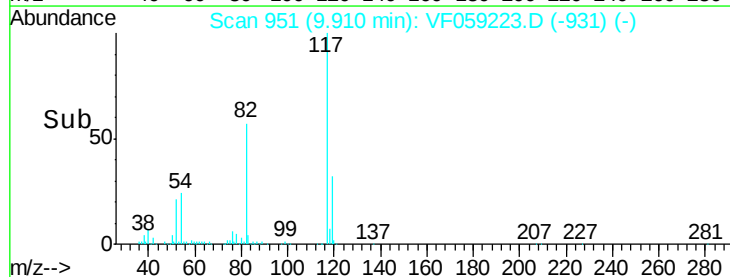
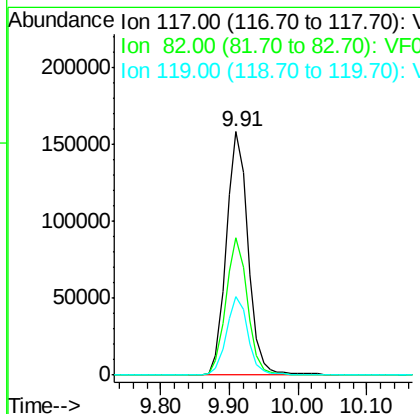
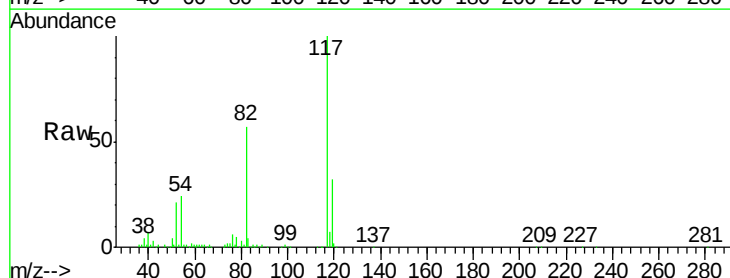
RT: 9.91 min Scan# 951

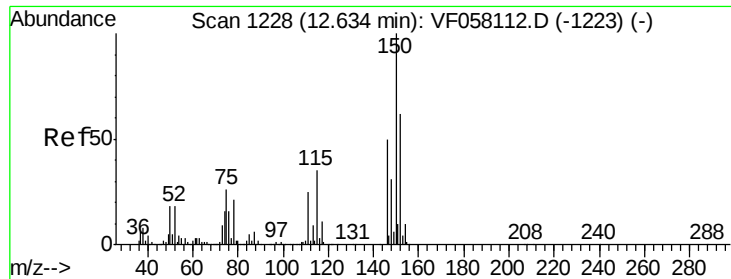
Delta R.T. -0.00 min

Lab File: VF059223.D

Acq: 20 Jun 2018 9:04

Tgt Ion:	117	Resp:	347571
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.2	67.8
119	32.2	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059223.D

Acq: 20 Jun 2018 9:04

Instrument :

MSVOA_F

ClientSampleId :

TP-12-S

Tot Ion	Ratio	Resp	Lower	Upper
152	100	215910		
115	55.6	28.5	85.5	
150	155.2	0.0	323.8	

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