

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059186.D
 Acq On : 18 Jun 2018 20:07
 Operator : VA/AP
 Sample : J3556-01RE
 Misc : 5.99g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MW286-18-SRI3RE

Manual Integrations
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Quant Time: Jun 19 04:19:51 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	5.04	168	226010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	361160	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	303015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	168119	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	156638	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	4.28	113	141210	55.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.44%	
50) Toluene-d8	7.70	98	325399	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	11.51	95	190360	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
16) Acetone	2.33	43	39708	60.674	ug/l	99
20) Methylene Chloride	2.27	84	11730m	7.486	ug/l	
52) Toluene	7.77	92	14250	2.435	ug/l	91
73) Isopropylbenzene	11.23	105	16463	1.414	ug/l	85
83) tert-Butylbenzene	12.21	119	43049	4.500	ug/l	83
85) sec-Butylbenzene	12.38	105	144294	11.101	ug/l #	75

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

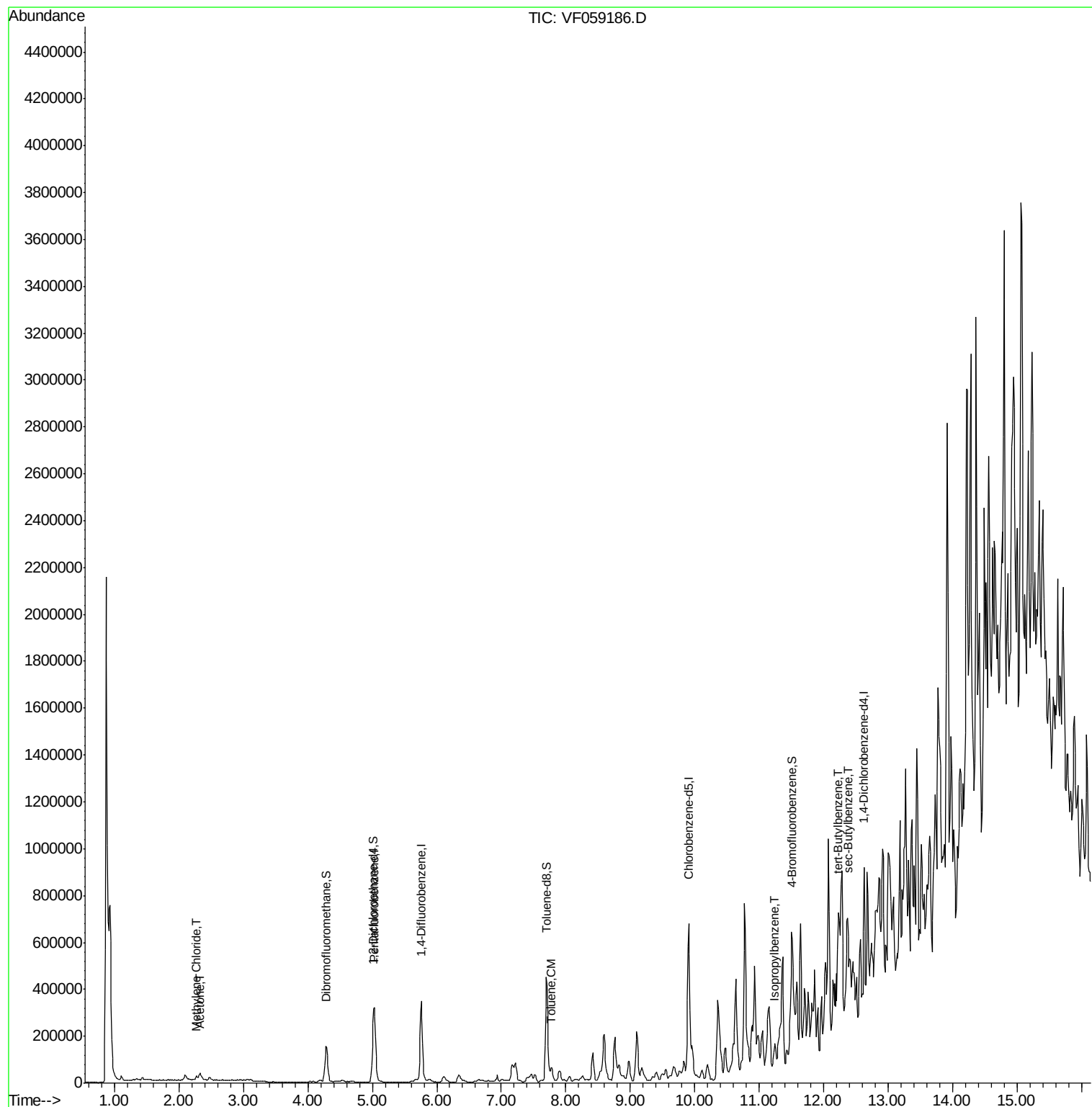
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
Data File : VF059186.D
Acq On : 18 Jun 2018 20:07
Operator : VA/AP
Sample : J3556-01RE
Misc : 5.99g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

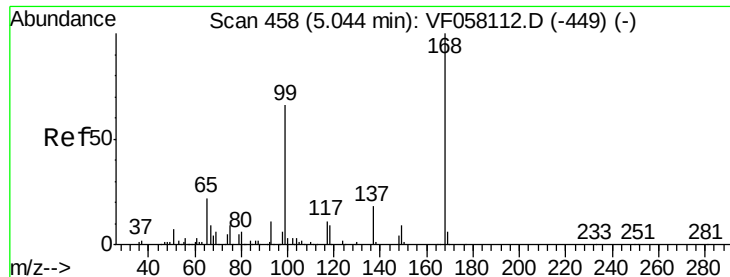
Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3RE

Manual Integrations
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Quant Time: Jun 19 04:19:51 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: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

Instrument :

MSVOA_F

ClientSampleId :

MW286-18-SRI3RE

Tot Ion:168 Resp: 226010

Ion Ratio Lower Upper

168 100

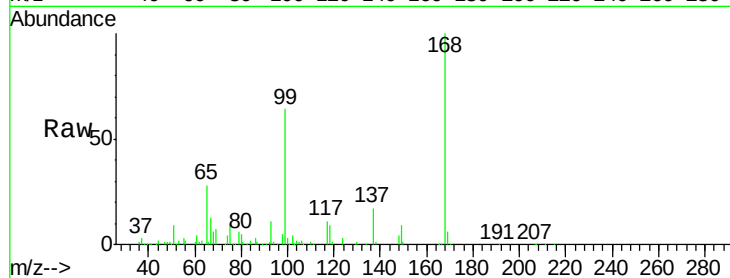
99 64.4 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

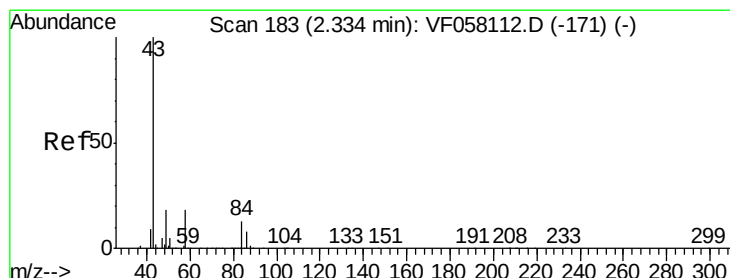
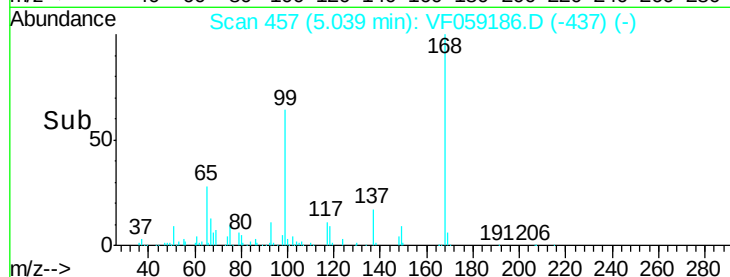
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 60.674 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF059186.D

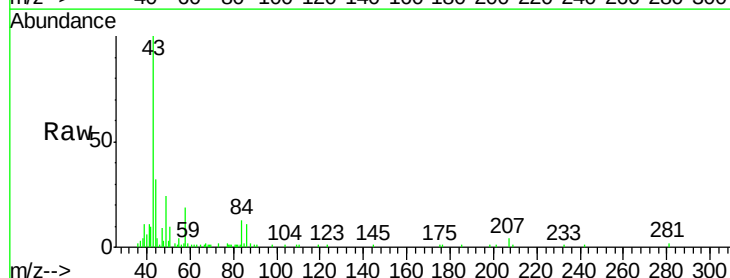
Acq: 18 Jun 2018 20:07

Tgt Ion: 43 Resp: 39708

Ion Ratio Lower Upper

43 100

58 18.5 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

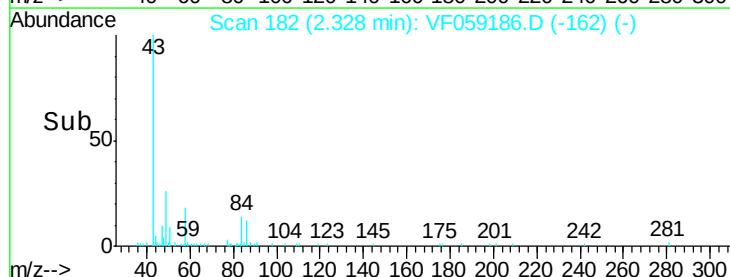
15000

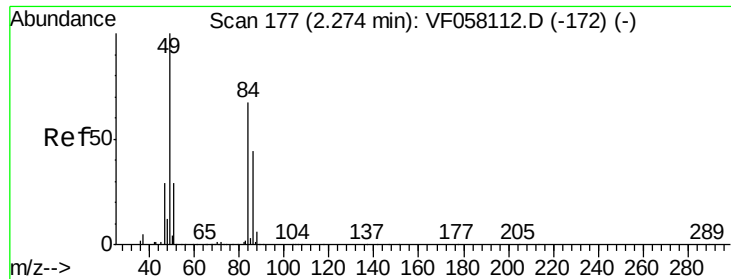
10000

5000

0

Time-->





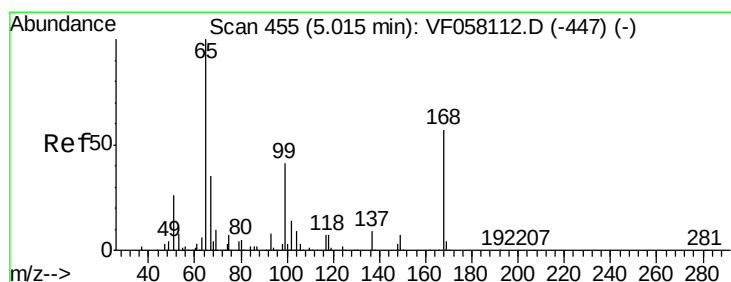
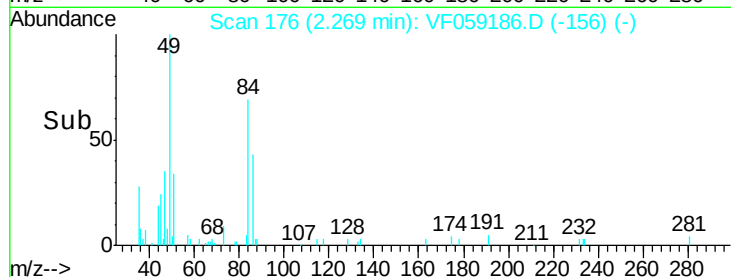
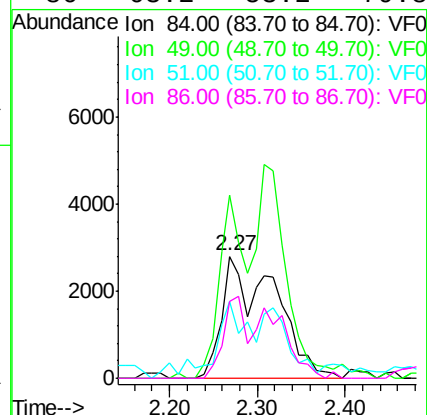
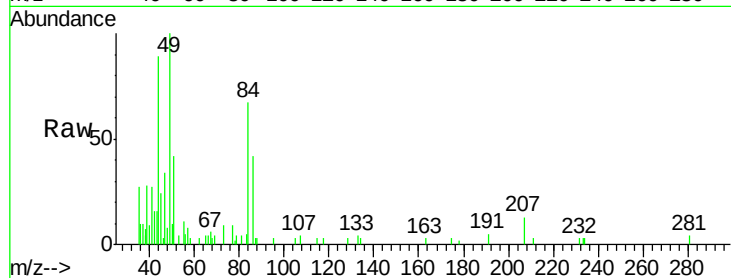
#20
Methylene Chloride
Concen: 7.486 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.7	121.0	181.4
51	62.5	35.8	53.6
86	63.2	53.2	79.8

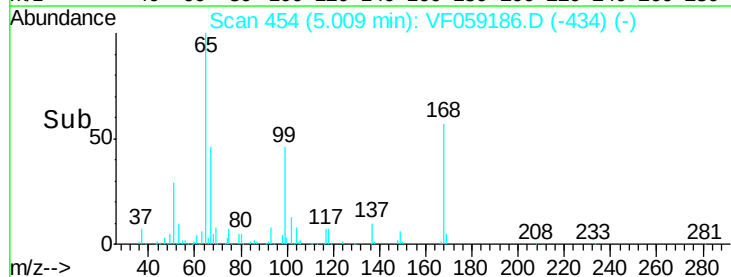
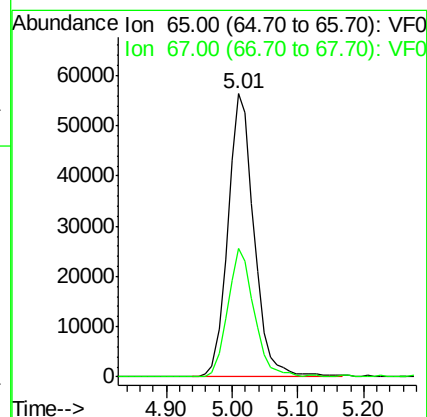
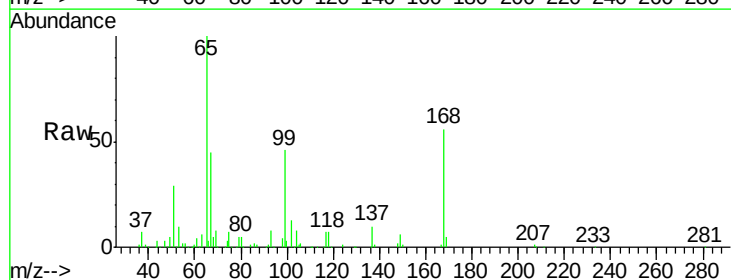
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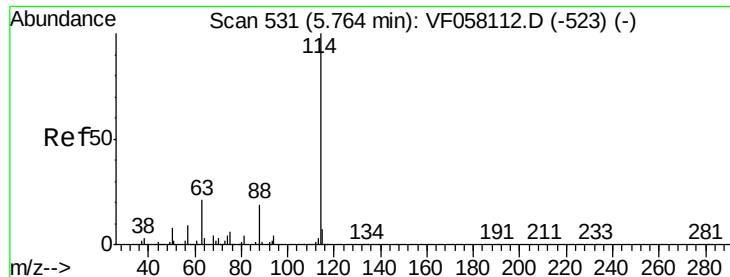
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#33
1,2-Dichloroethane-d4
Concen: 57.145 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.01 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

Instrument :

MSVOA_F

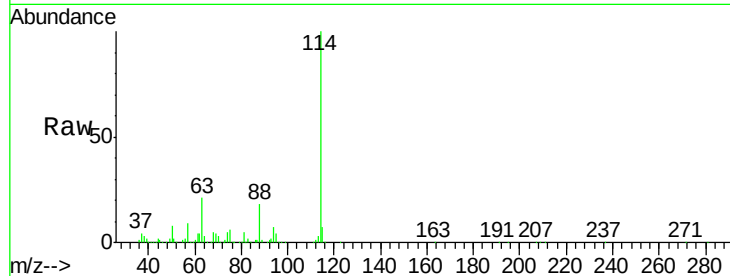
ClientSampleId :

MW286-18-SRI3RE

Tot Ion:	114	Resp:	361160
Ion Ratio		Lower	Upper
114	100		
63	20.9	0.0	41.6
88	18.3	0.0	38.8

Manual Integrations
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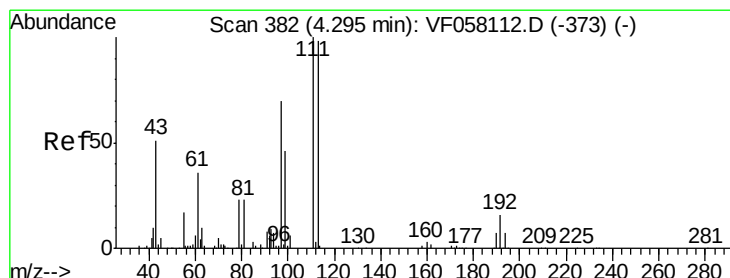
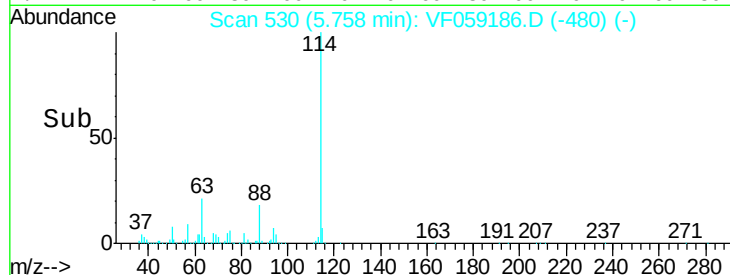
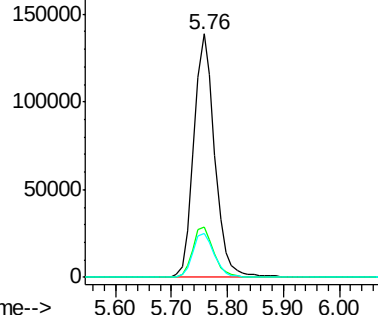
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 55.723 ug/l

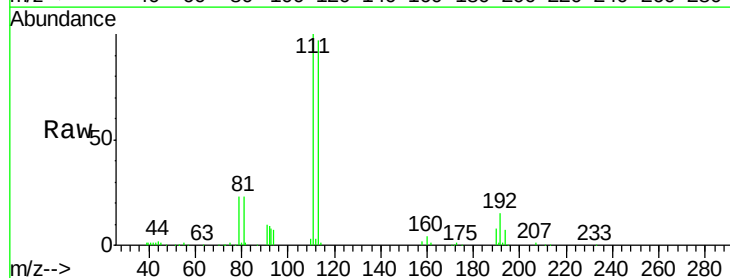
RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

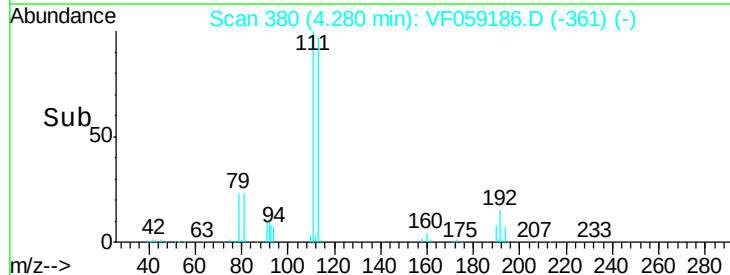
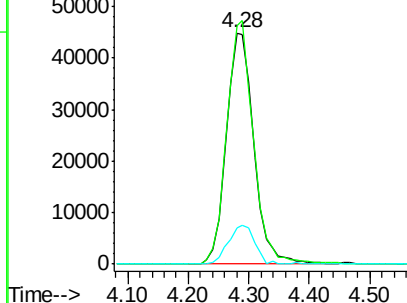
Tgt Ion:	113	Resp:	141210
Ion Ratio		Lower	Upper
113	100		
111	103.1	81.3	121.9
192	15.9	12.7	19.1

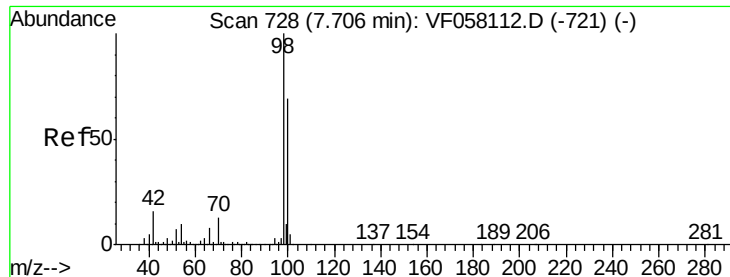


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.708 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

Instrument :

MSVOA_F

ClientSampleId :

MW286-18-SRI3RE

Tot Ion: 98 Resp: 325399

Ion Ratio Lower Upper

98 100

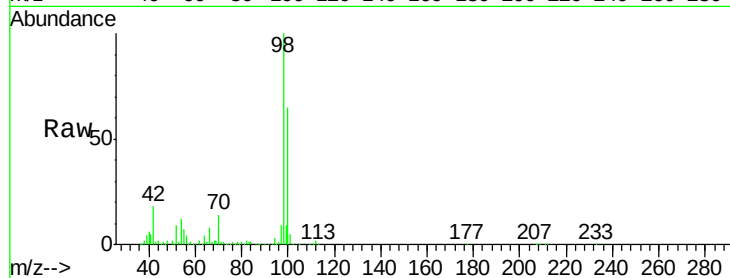
100 64.6 55.6 83.4

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

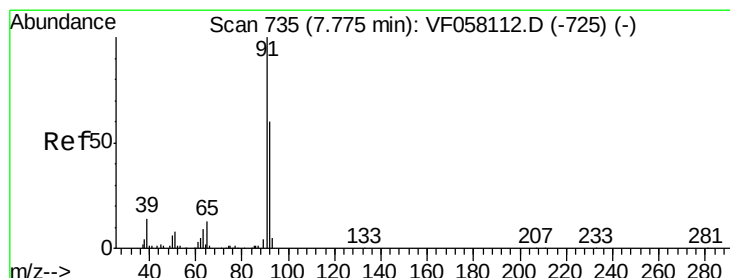
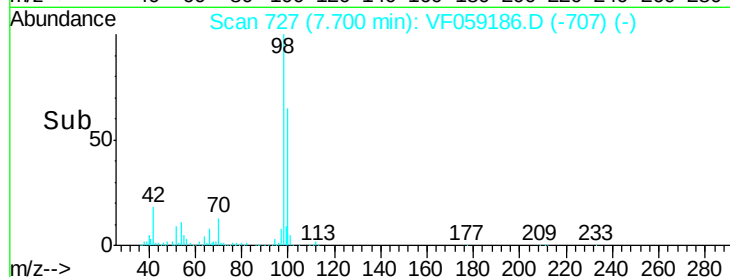
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#52

Toluene

Concen: 2.435 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF059186.D

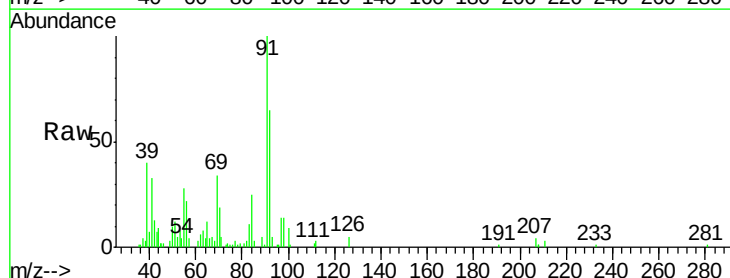
Acq: 18 Jun 2018 20:07

Tgt Ion: 92 Resp: 14250

Ion Ratio Lower Upper

92 100

91 154.5 132.9 199.3



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.77

12000

10000

8000

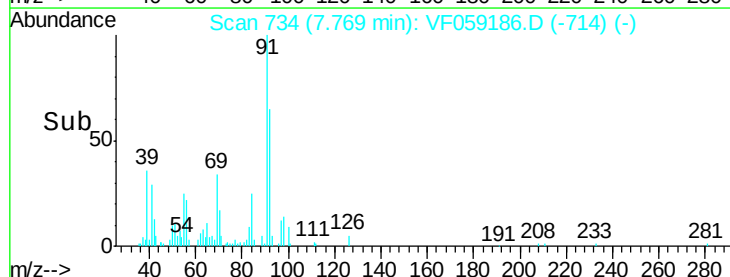
6000

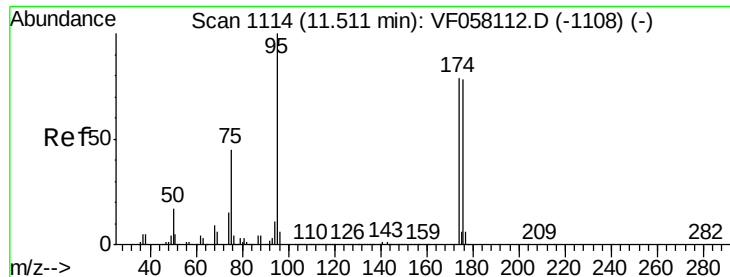
4000

2000

0

Time--> 7.70 7.75 7.80 7.85





#62

4-Bromofluorobenzene

Concen: 49.852 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

Instrument :

MSVOA_F

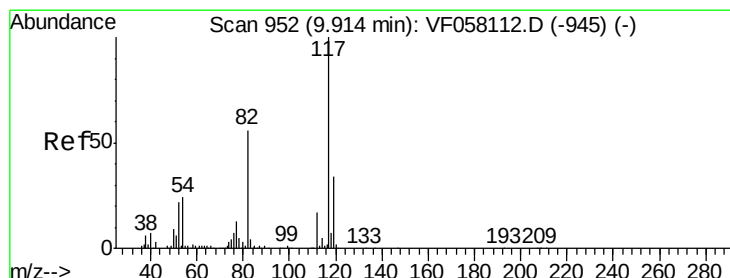
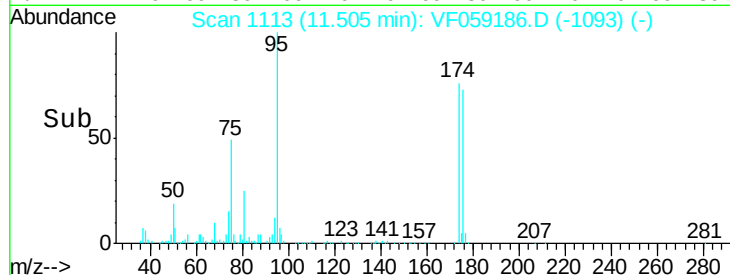
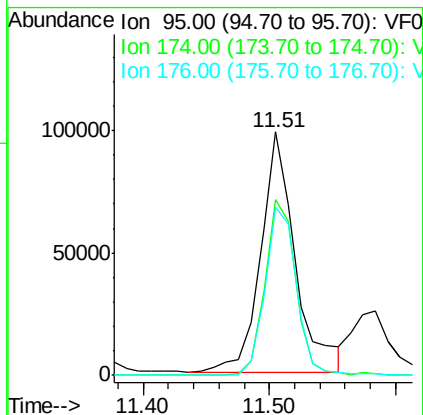
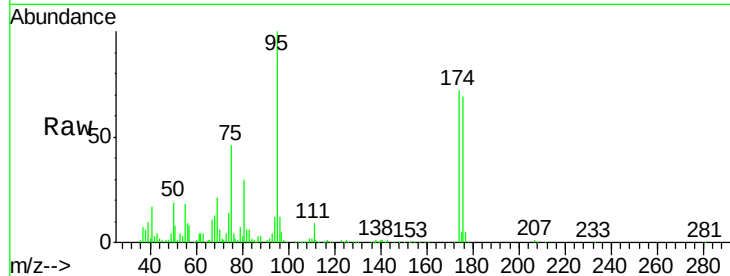
ClientSampleId :

MW286-18-SRI3RE

Tot Ion:	95	Resp:	190360
Ion Ratio	Lower	Upper	
95	100		
174	72.0	0.0	157.8
176	69.1	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

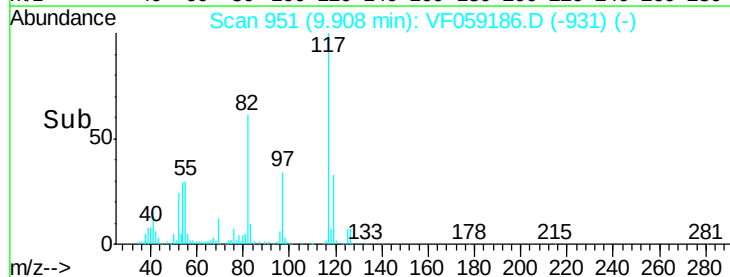
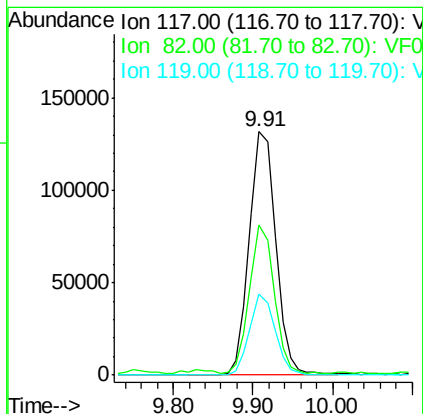
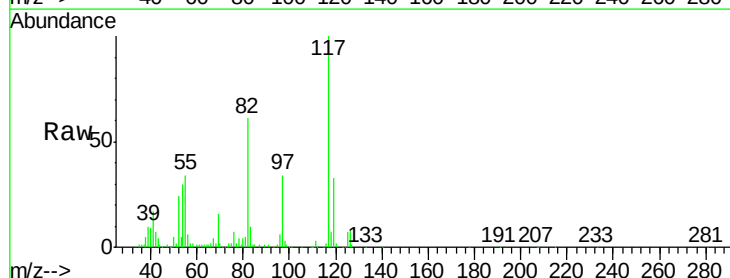
RT: 9.91 min Scan# 951

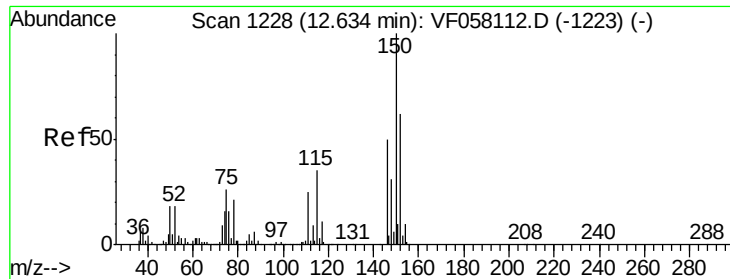
Delta R.T. -0.01 min

Lab File: VF059186.D

Acq: 18 Jun 2018 20:07

Tgt Ion:	117	Resp:	303015
Ion Ratio	Lower	Upper	
117	100		
82	61.4	45.2	67.8
119	33.3	27.5	41.3





#72

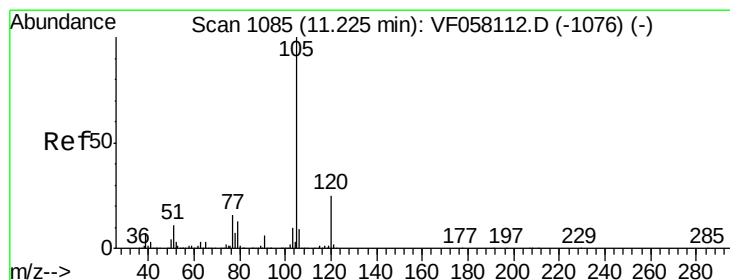
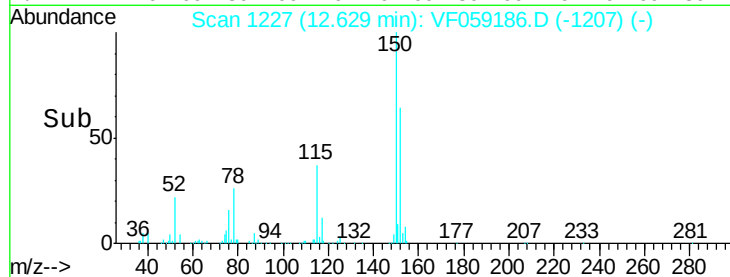
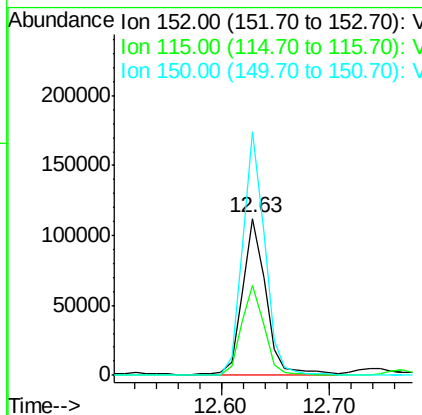
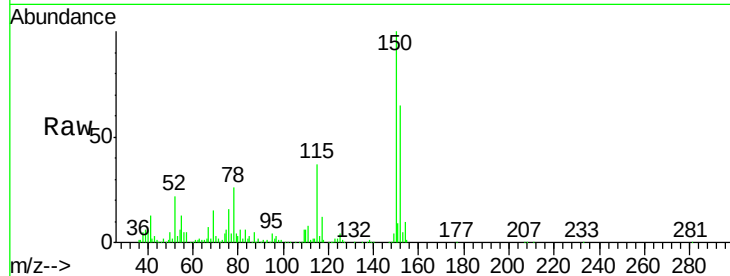
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.5	85.5
150	154.9	0.0	323.8

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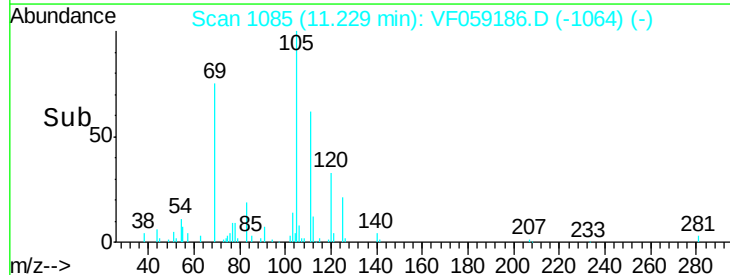
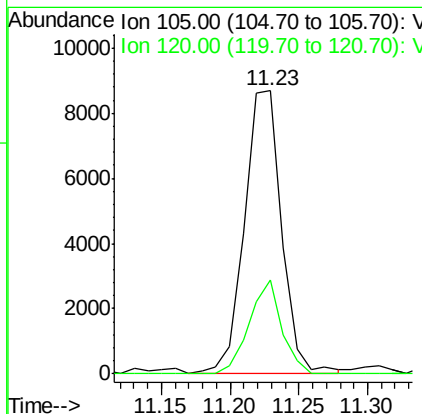
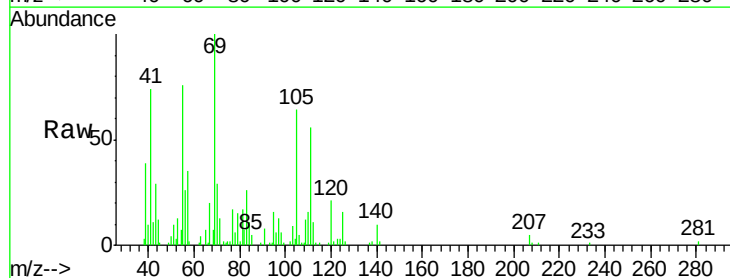
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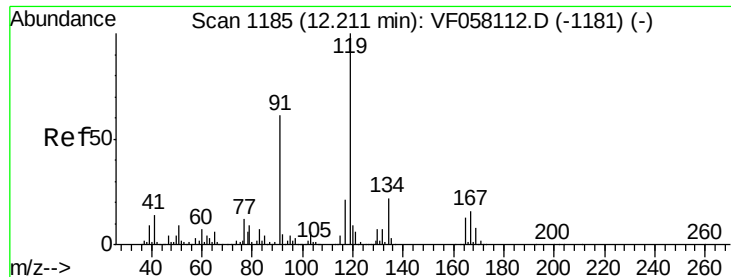


#73

Isopropylbenzene
Concen: 1.414 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.1	12.7	38.1





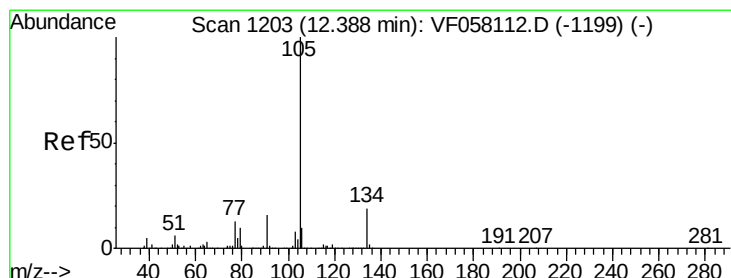
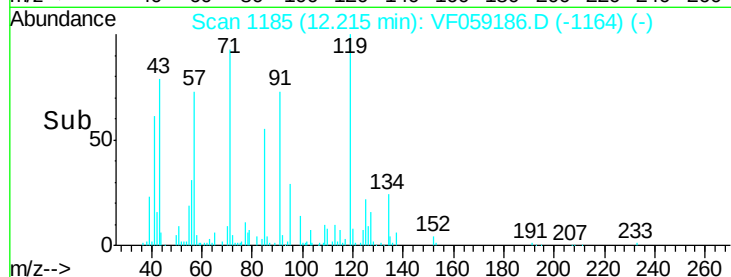
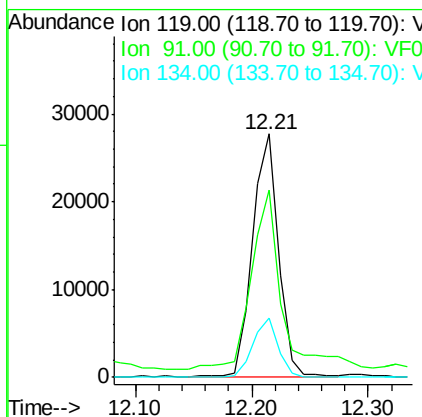
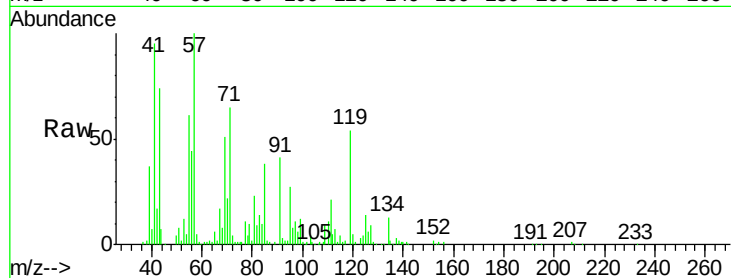
#83
tert-Butylbenzene
Concen: 4.500 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Instrument :
MSVOA_F
ClientSampleId :
MW286-18-SRI3RE

Tot Ion	Ratio	Lower	Upper
119	100		
91	76.9	30.4	91.3
134	24.3	11.2	33.5

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#85
sec-Butylbenzene
Concen: 11.101 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VF059186.D
Acq: 18 Jun 2018 20:07

Tgt Ion	Ratio	Lower	Upper
105	100		
134	30.4	9.6	28.6#

