

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111618\
 Data File : VF060768.D
 Acq On : 16 Nov 2018 16:59
 Operator : VA/AP
 Sample : J5915-01
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-1

Manual Integrations
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Quant Time: Nov 17 04:46:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	207625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	337426	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	290637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	130943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	90779	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
35) Dibromofluoromethane	4.13	113	103992	41.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.00%	
50) Toluene-d8	7.57	98	273021	41.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.62%	
62) 4-Bromofluorobenzene	11.42	95	158277	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
Target Compounds						
16) Acetone	2.25	43	15380	30.384	ug/l #	90
20) Methylene Chloride	2.19	84	11593m	4.275	ug/l	
78) n-propylbenzene	11.60	91	20820	1.694	ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	18013	2.081	ug/l	92
85) sec-Butylbenzene	12.32	105	105116	8.722	ug/l	80
89) n-Butylbenzene	12.86	91	29240	2.846	ug/l	83

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

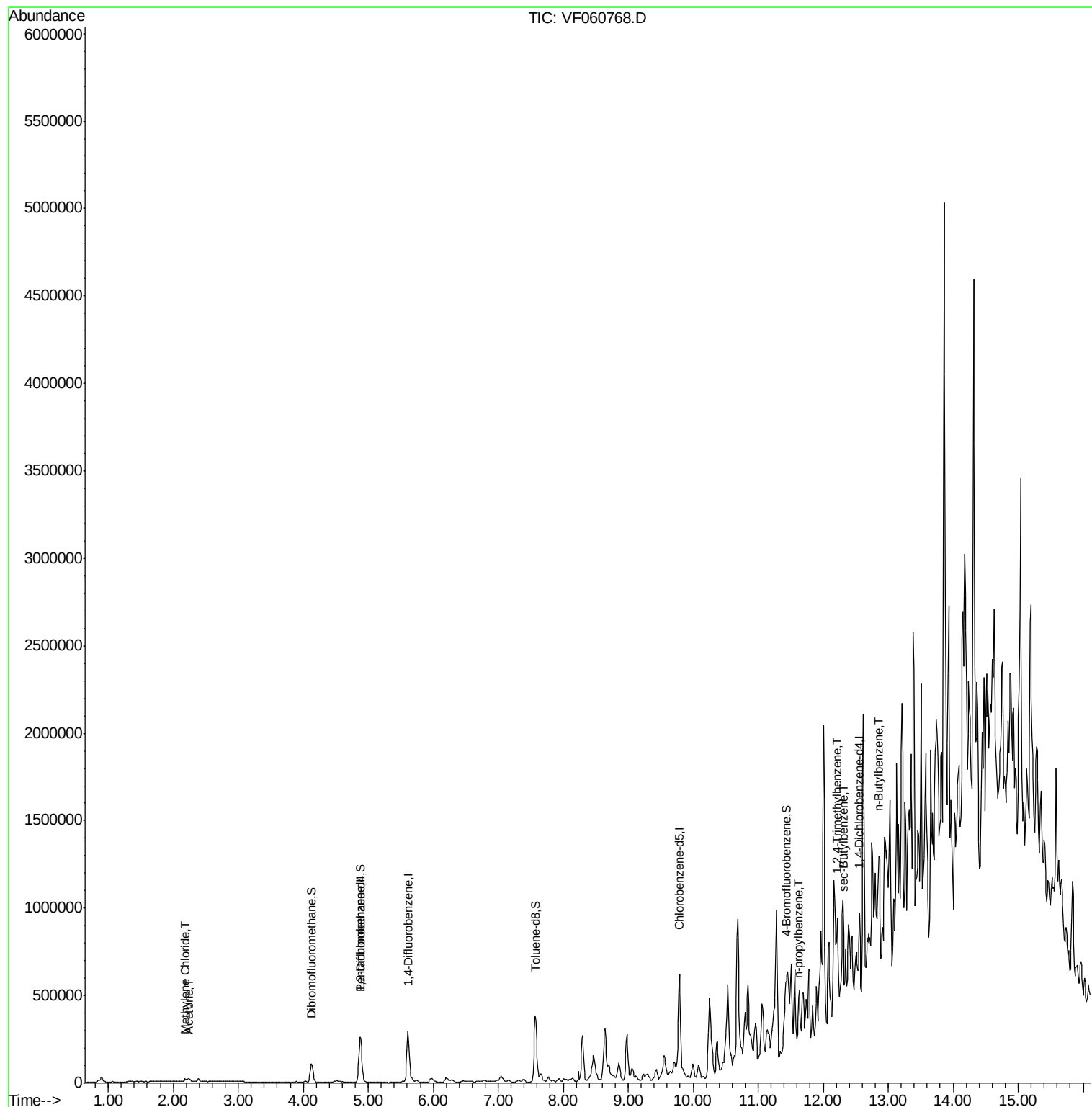
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111618\
Data File : VF060768.D
Acq On : 16 Nov 2018 16:59
Operator : VA/AP
Sample : J5915-01
Misc : 5.00µg/5mL/MSVOA-F/SOIL
ALS Vial : 11 Sample Multiplier: 1

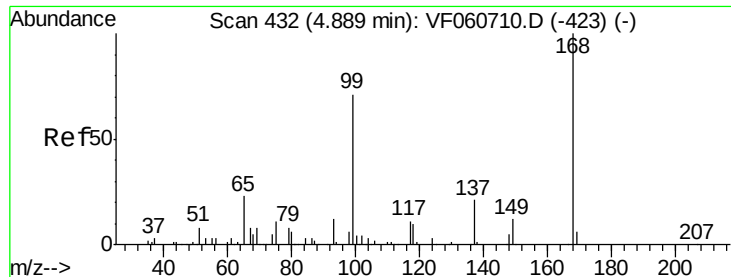
Instrument :
MSVOA_F
ClientSampleId :
T-1

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Quant Time: Nov 17 04:46:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF060768.D

Acq: 16 Nov 2018 16:59

Instrument :

MSVOA_F

ClientSampled :

T-1

Tot Ion:168 Resp: 207625

Ion Ratio Lower Upper

168 100

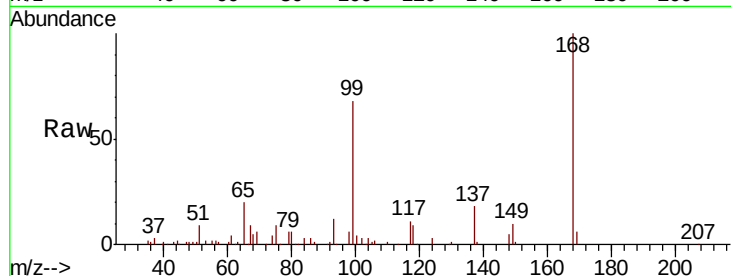
99 67.9 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

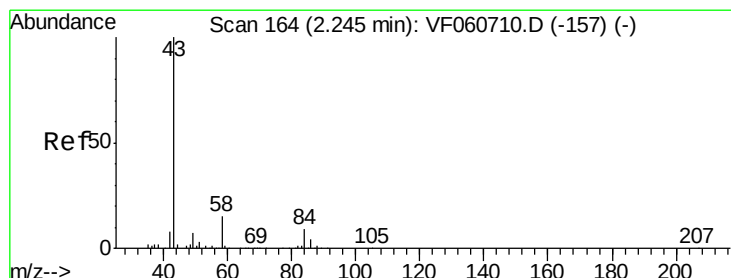
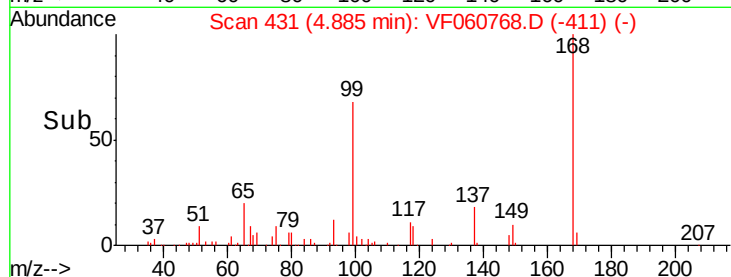
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 30.384 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF060768.D

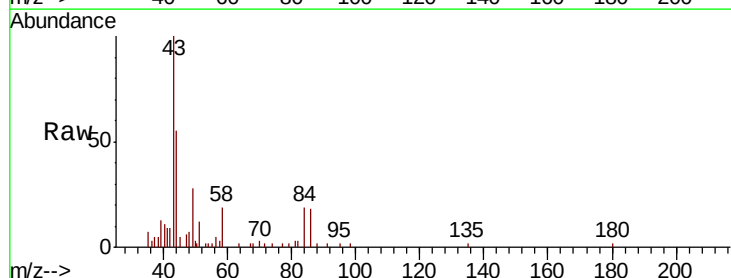
Acq: 16 Nov 2018 16:59

Tgt Ion: 43 Resp: 15380

Ion Ratio Lower Upper

43 100

58 18.6 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.25

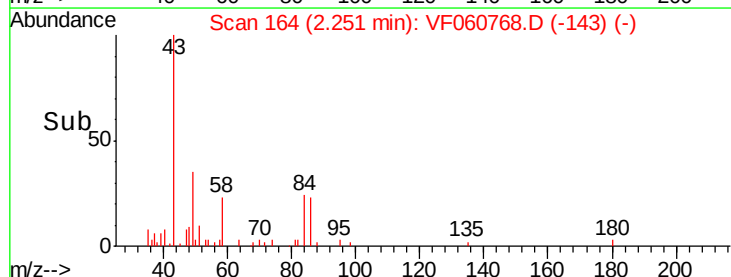
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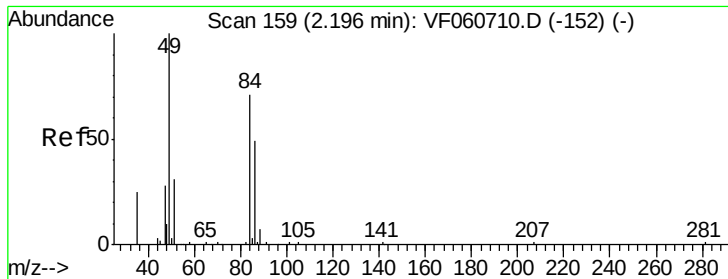
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2000

0

Time-->





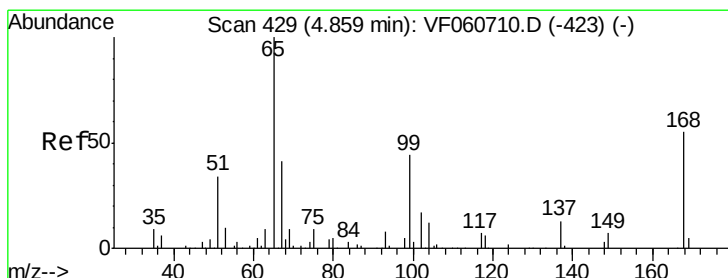
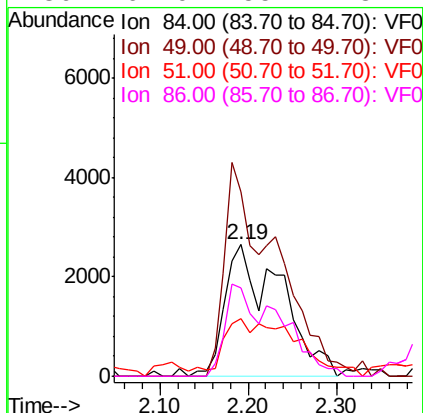
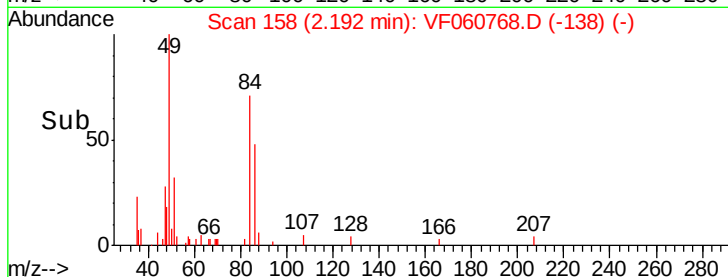
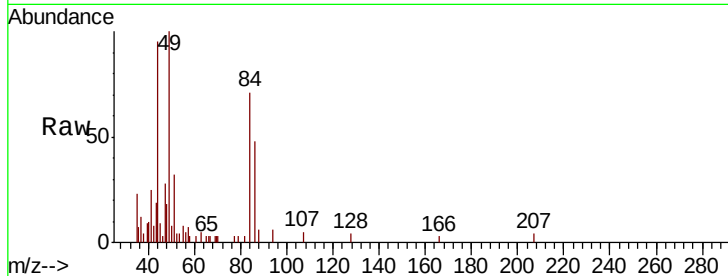
#20
Methylene Chloride
Concen: 4.275 ug/l m
RT: 2.19 min Scan# 158
Delta R.T. -0.00 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Instrument :
MSVOA_F
ClientSampled :
T-1

Tot Ion:	84	Resp:	11593
Ion	Ratio	Lower	Upper
84	100		
49	140.2	120.2	180.4
51	44.2	37.2	55.8
86	67.0	55.1	82.7

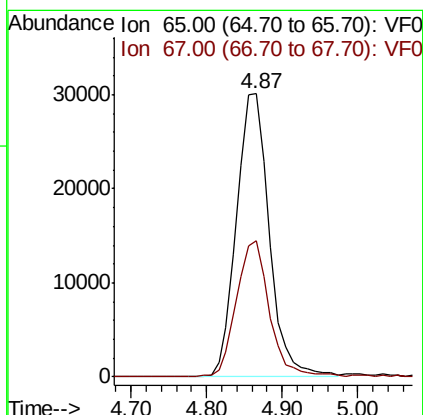
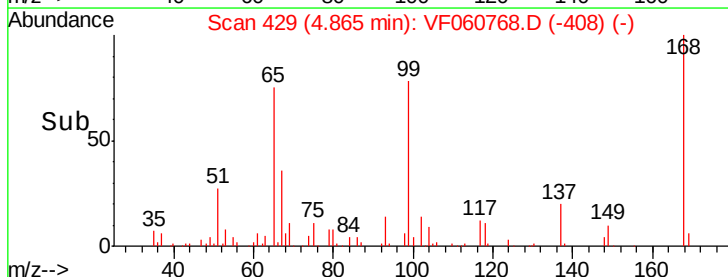
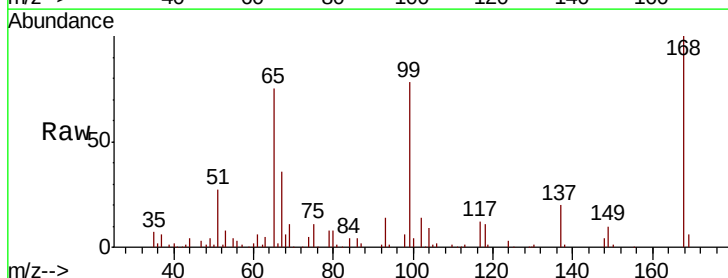
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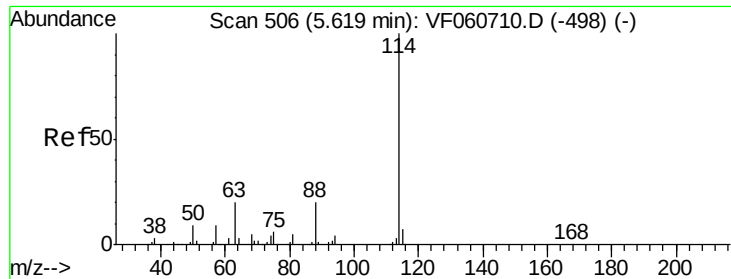
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#33
1,2-Dichloroethane-d4
Concen: 38.332 ug/l
RT: 4.87 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Tgt Ion:	65	Resp:	90779
Ion	Ratio	Lower	Upper
65	100		
67	48.0	0.0	90.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.00 min

Lab File: VF060768.D

Acq: 16 Nov 2018 16:59

Instrument :

MSVOA_F

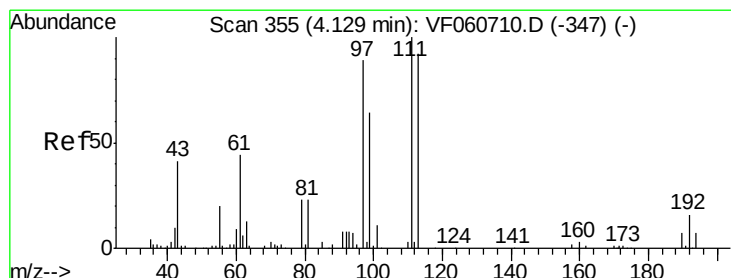
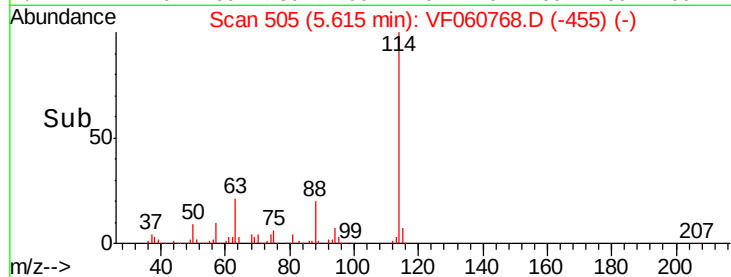
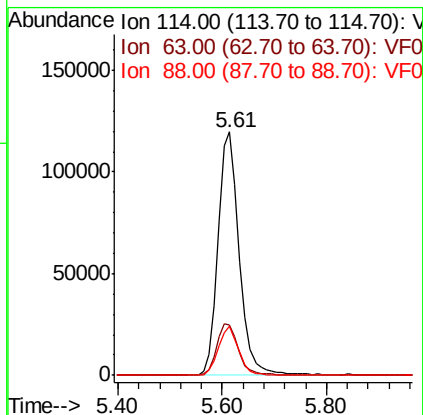
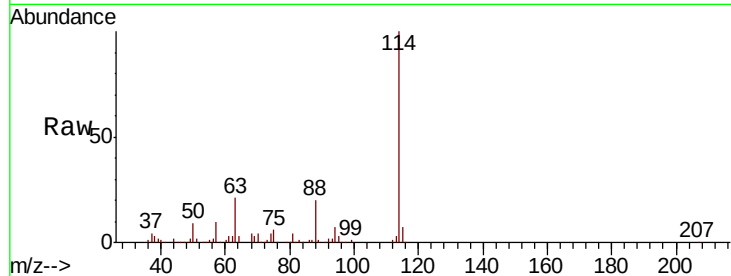
ClientSampled :

T-1

Tot Ion:	114	Resp:	337426
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	20.1	0.0	39.6

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#35

Dibromofluoromethane

Concen: 41.000 ug/l

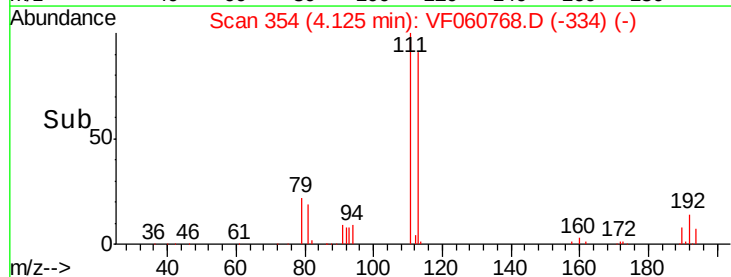
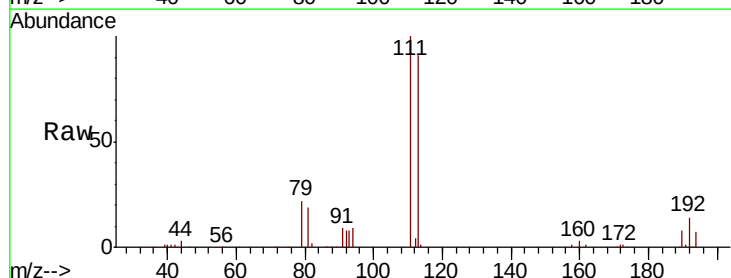
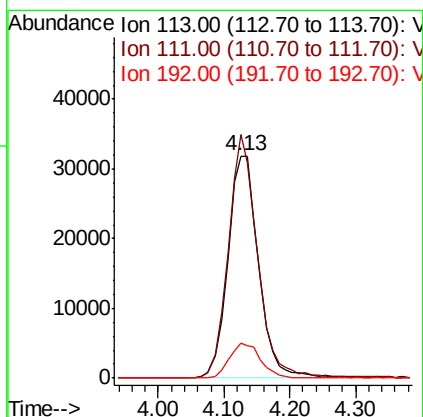
RT: 4.13 min Scan# 354

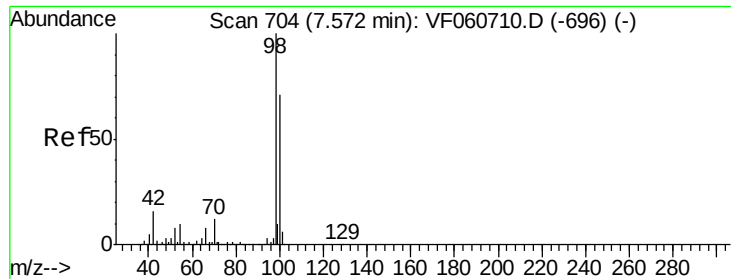
Delta R.T. -0.00 min

Lab File: VF060768.D

Acq: 16 Nov 2018 16:59

Tgt Ion:	113	Resp:	103992
Ion Ratio	Lower	Upper	
113	100		
111	109.6	87.1	130.7
192	16.0	13.8	20.6





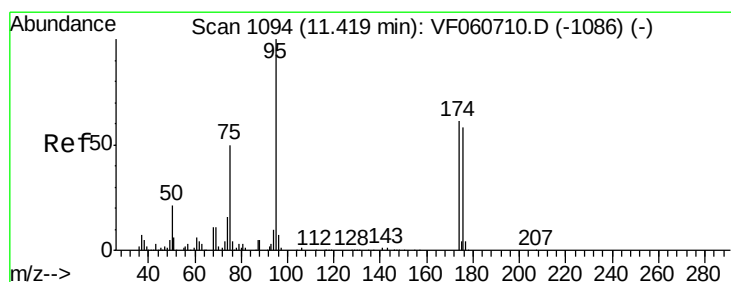
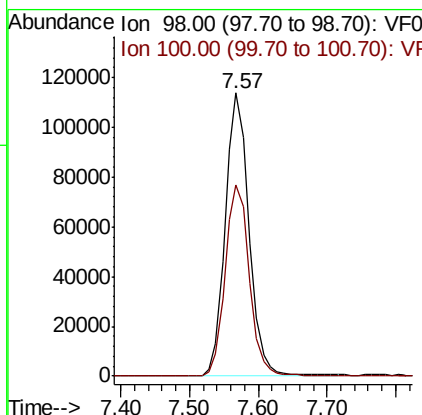
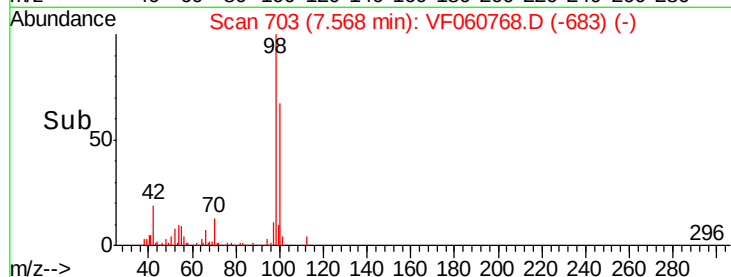
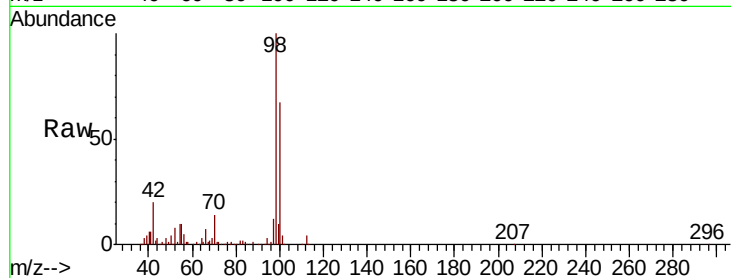
#50
Toluene-d8
Concen: 41.308 ug/l
RT: 7.57 min Scan# 703
Delta R.T. -0.00 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Instrument :
MSVOA_F
ClientSampled :
T-1

Tot Ion	98	100	Ratio	Lower	Upper
98	100				
100		67.4		56.5	84.7

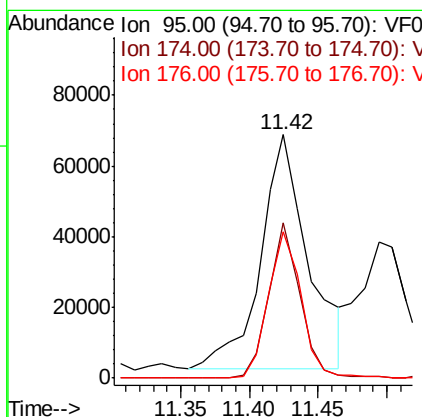
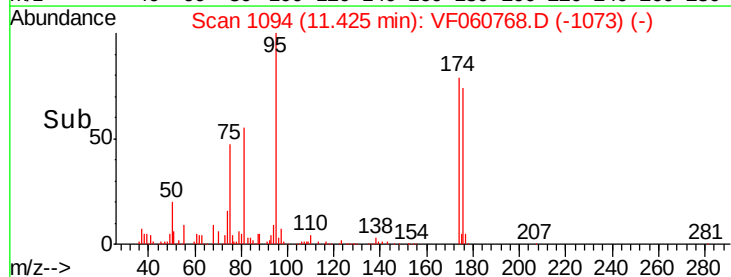
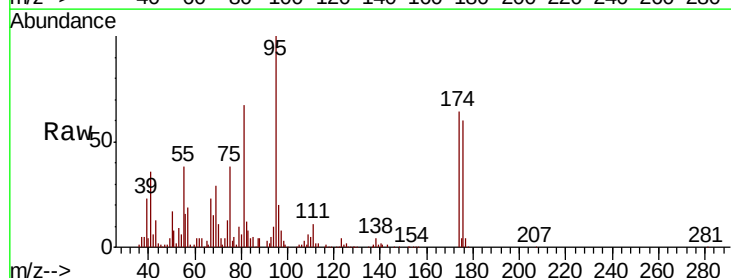
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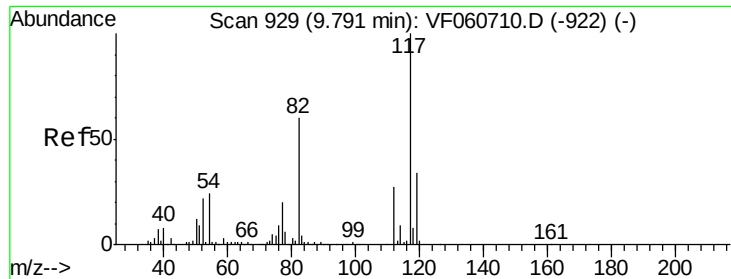
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#62
4-Bromofluorobenzene
Concen: 52.972 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Tgt Ion	95	174	176	Ratio	Lower	Upper
95	100					
174		64.0			0.0	121.6
176		59.9			0.0	115.2





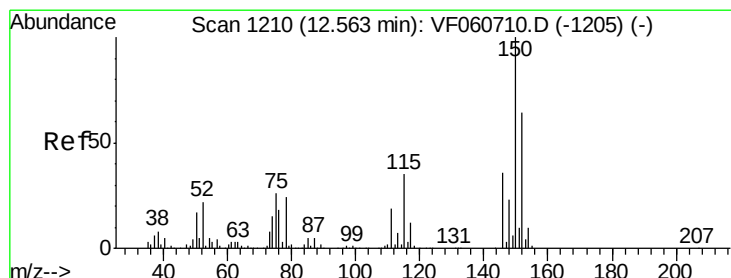
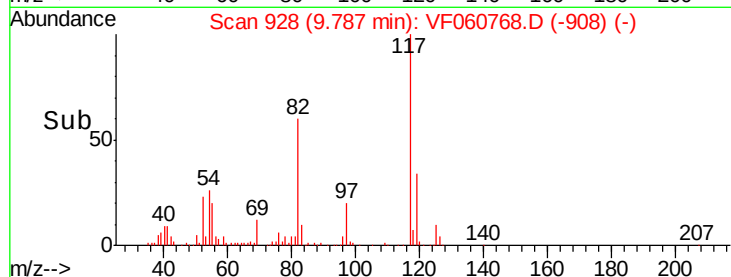
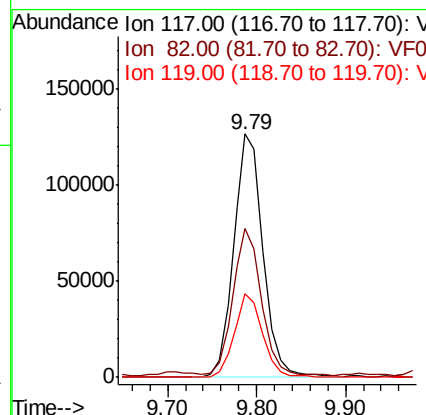
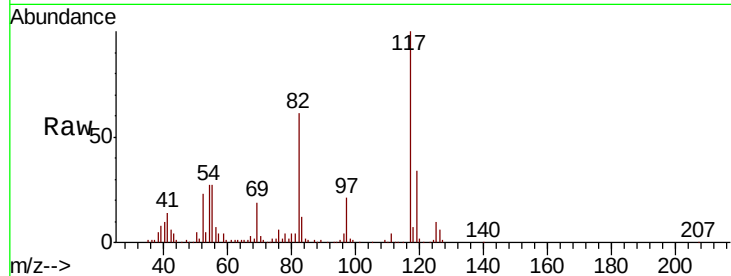
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. -0.00 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	290637		
82	60.9		47.9	71.9
119	34.2		26.8	40.2

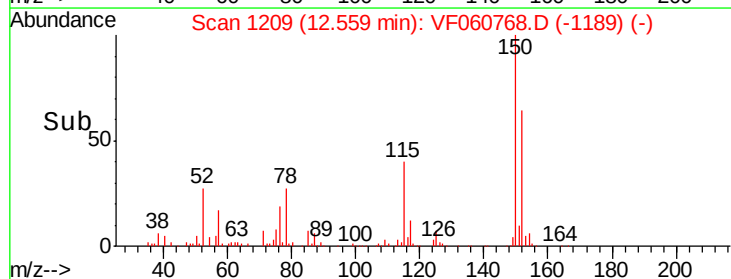
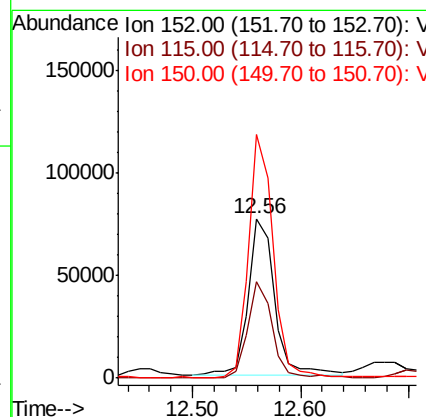
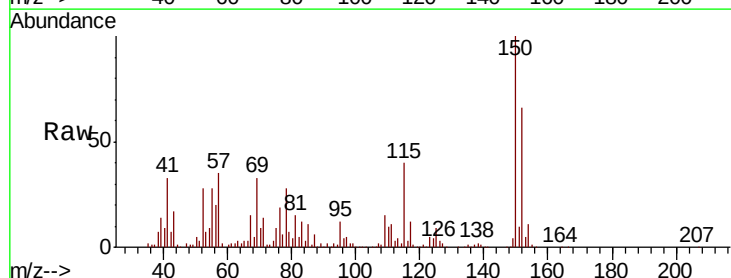
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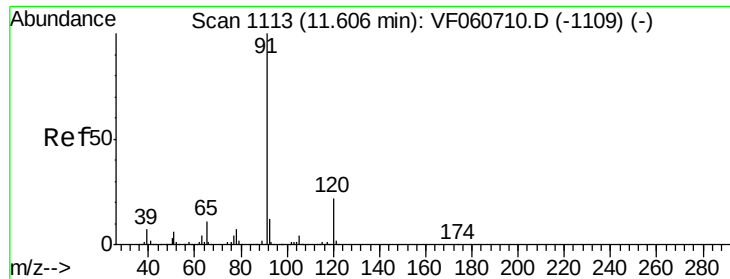
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF060768.D
Acq: 16 Nov 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	130943		
115	60.4		27.9	83.7
150	152.5		0.0	316.4





#78

n-propylbenzene

Concen: 1.694 ug/l

RT: 11.60 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060768.D

Acq: 16 Nov 2018 16:59

Instrument :

MSVOA_F

ClientSampled :

T-1

Tot Ion: 91 Resp: 20820

Ion Ratio Lower Upper

91 100

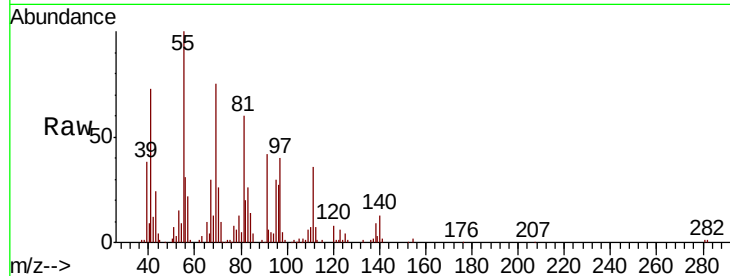
120 19.4 11.2 33.5

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

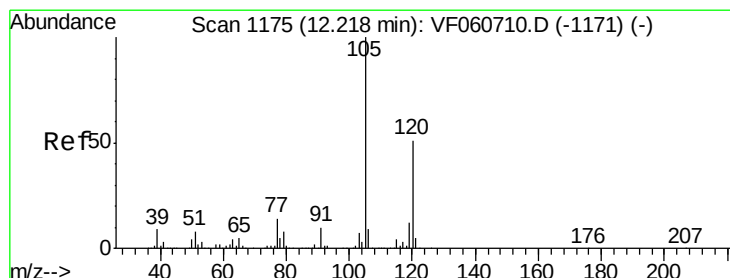
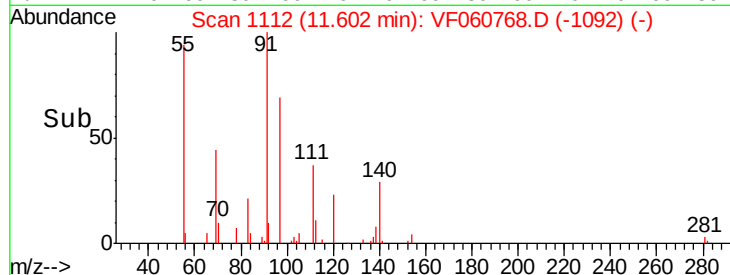
11.60

10000

5000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 2.081 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VF060768.D

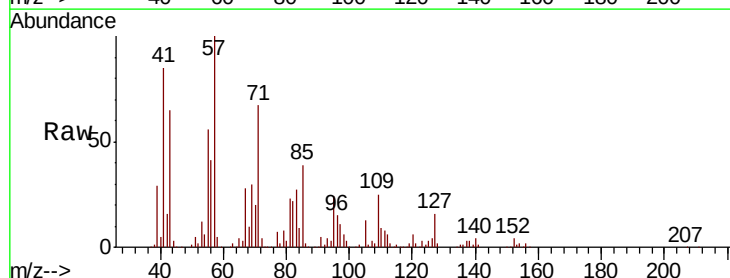
Acq: 16 Nov 2018 16:59

Tgt Ion:105 Resp: 18013

Ion Ratio Lower Upper

105 100

120 45.5 25.5 76.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

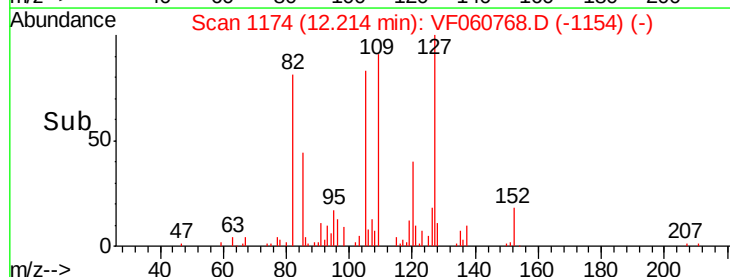
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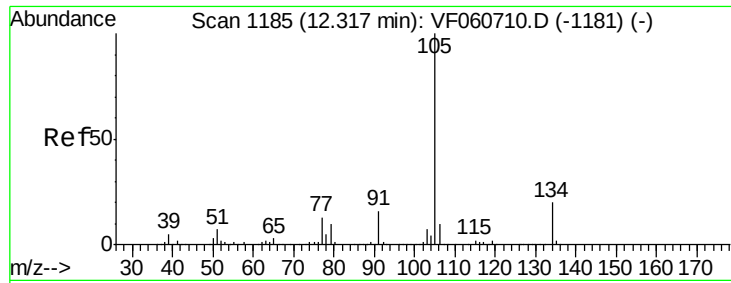
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0

Time-->





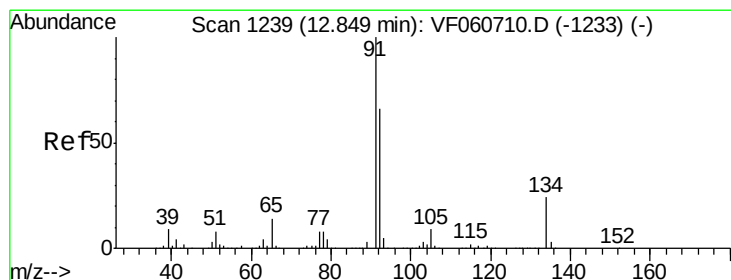
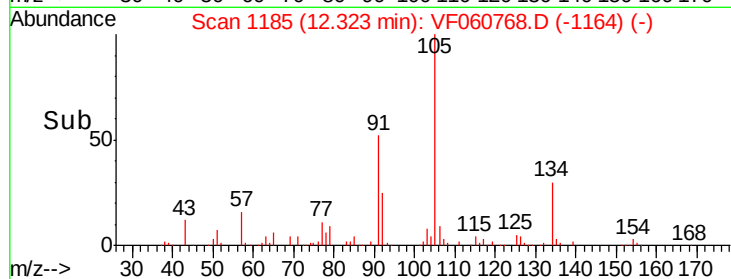
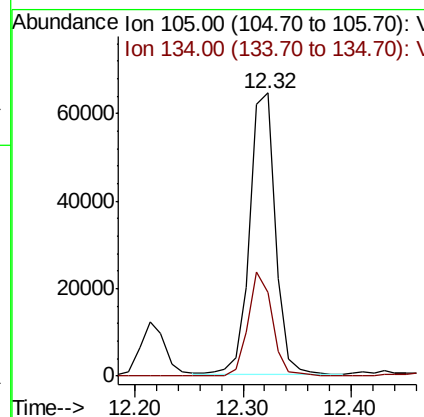
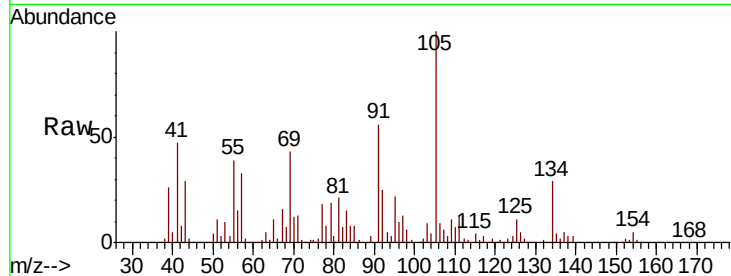
#85
 sec-Butylbenzene
 Concen: 8.722 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VF060768.D
 Acq: 16 Nov 2018 16:59

Instrument :
 MSVOA_F
 ClientSampled :
 T-1

Tot Ion	Ratio	Lower	Upper
105	100		
134	29.4	10.1	30.3

Manual Integrations
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#89
 n-Butylbenzene
 Concen: 2.846 ug/l
 RT: 12.86 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VF060768.D
 Acq: 16 Nov 2018 16:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.7	33.1	99.2
134	19.6	11.9	35.9

