

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060750.D
 Acq On : 15 Nov 2018 16:51
 Operator : VA/AP
 Sample : J5767-13
 Misc : 6.54g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-C

Manual Integrations
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 11/16/2018 1:25:48 PM

Quant Time: Nov 16 05:00:16 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	4.85	168	272480	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	457240	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	375901	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	200123	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119894	38.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.16%	
35) Dibromofluoromethane	4.09	113	140420	40.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.70%	
50) Toluene-d8	7.54	98	347026	38.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.00%	
62) 4-Bromofluorobenzene	11.40	95	158129	37.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.80%	
Target Compounds						
20) Methylene Chloride	2.22	84	16121m	4.71	ug/l	Qvalue
30) Chloroform	3.84	83	15491	2.12	ug/l	87
52) Toluene	7.62	92	14303	1.81	ug/l	97
59) 2-Hexanone	9.48	43	2662	2.00	ug/l	84
68) m/p-Xylenes	10.12	106	5946	1.16	ug/l	78
95) Naphthalene	14.45	128	18521	2.25	ug/l #	94

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

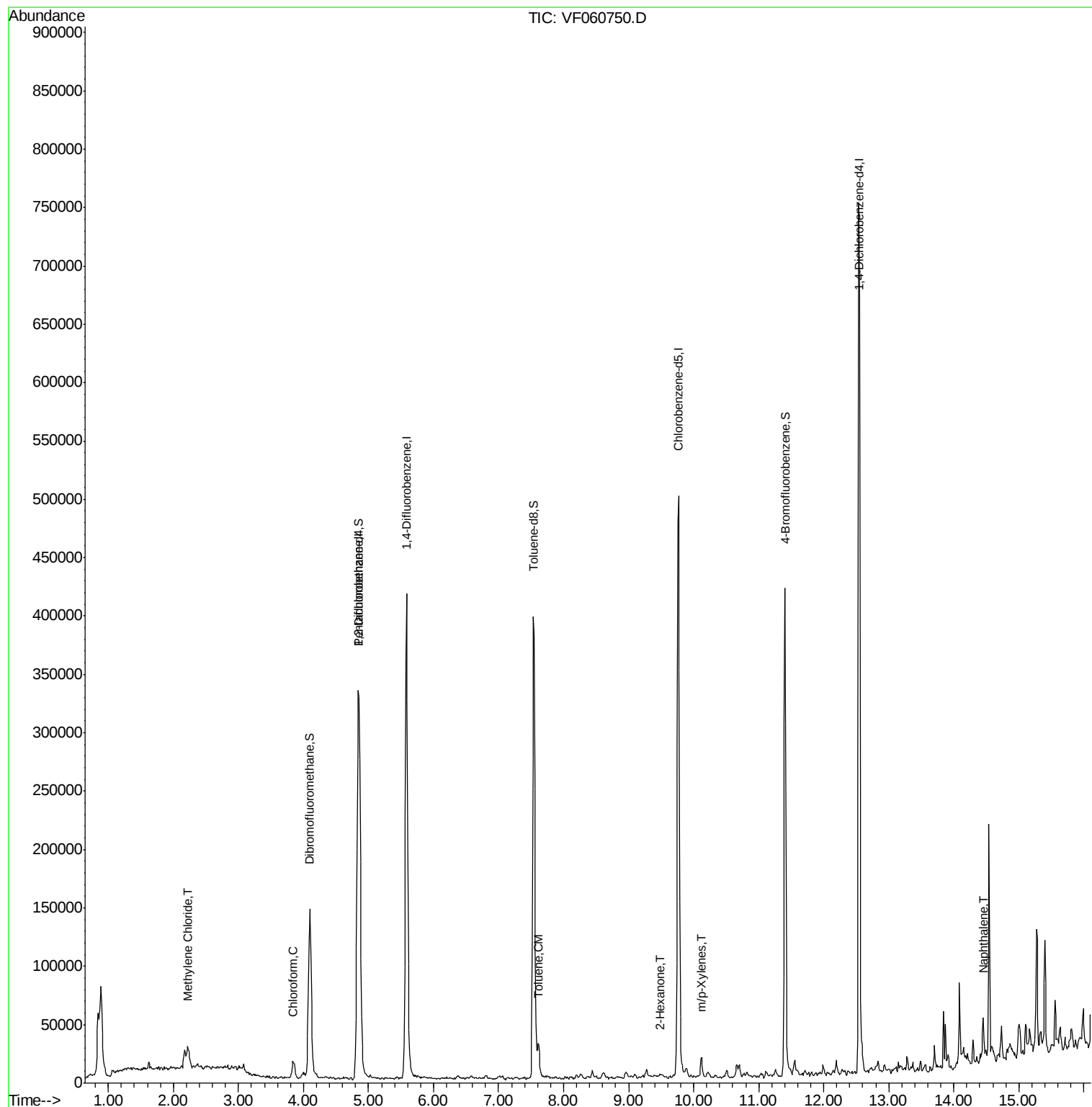
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060750.D
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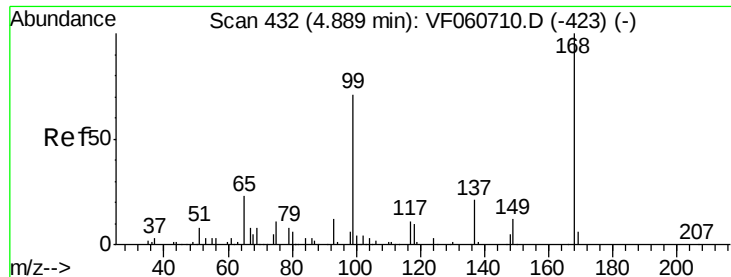
Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-C

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Quant Time: Nov 16 05:00:16 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: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Instrument :

MSVOA_F

ClientSampleId :

CL-01-111418-C

Tgt Ion: 168 Resp: 272480

Ion Ratio Lower Upper

168 100

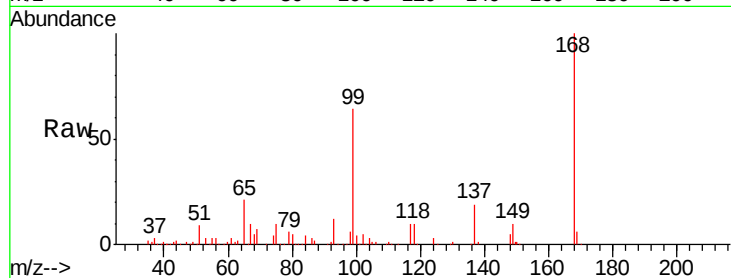
99 63.5 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

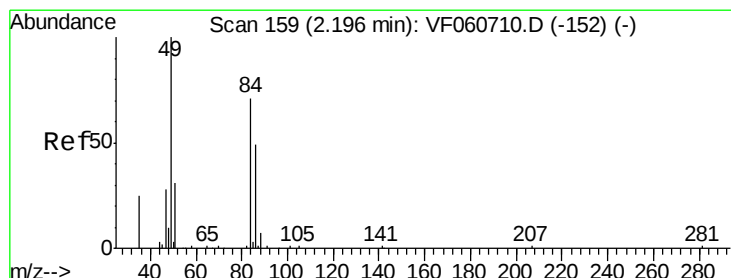
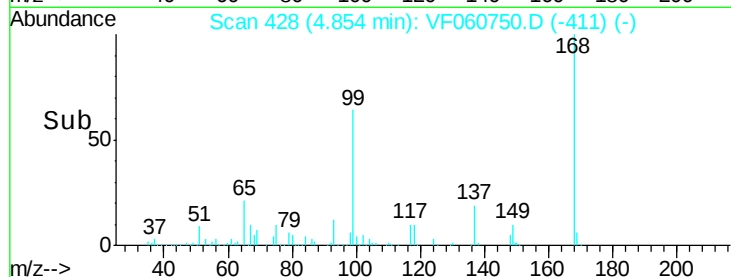
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.71 ug/l m

RT: 2.22 min Scan# 161

Delta R.T. 0.03 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Tgt Ion: 84 Resp: 16121

Ion Ratio Lower Upper

84 100

49 118.1 120.2 180.4#

51 43.6 37.2 55.8

86 74.9 55.1 82.7

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

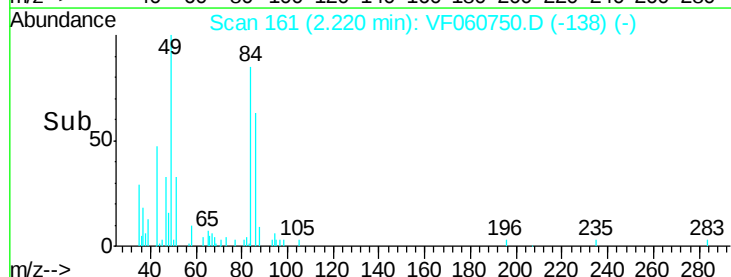
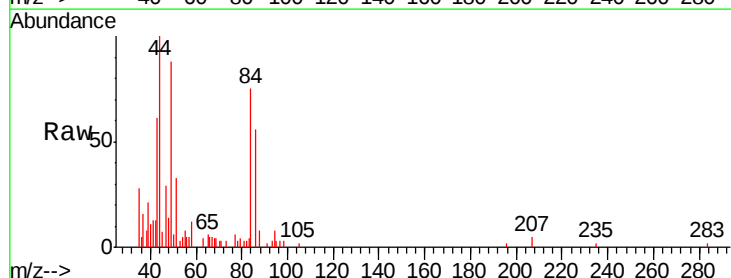
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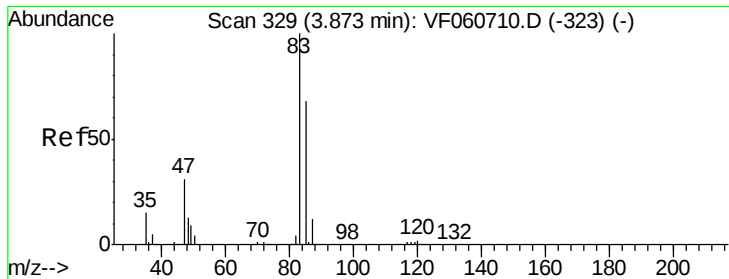
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Time-->





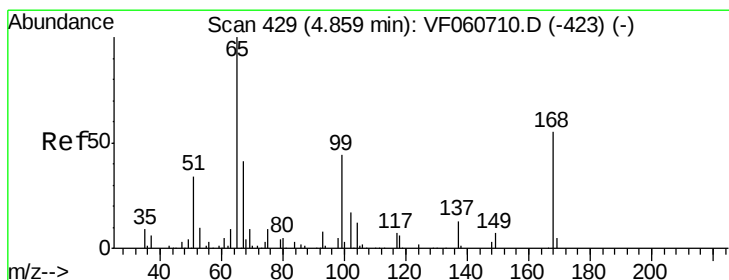
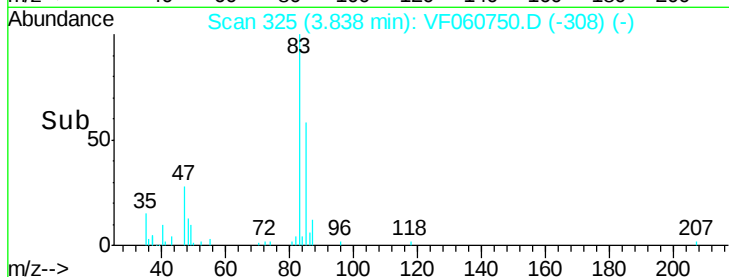
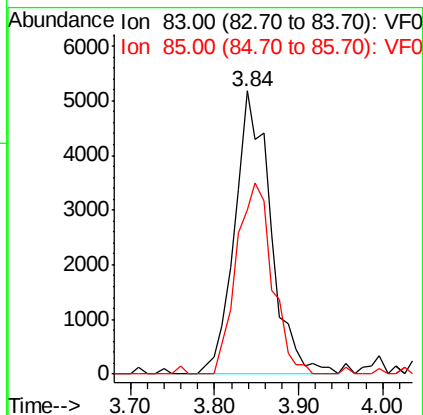
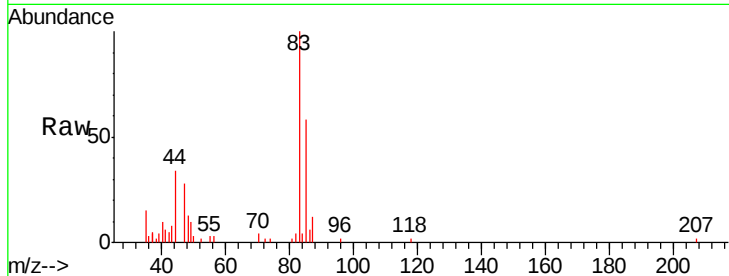
#30
Chloroform
Concen: 2.12 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.03 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-C

Tgt Ion: 83 Resp: 15491
Ion Ratio Lower Upper
83 100
85 58.0 54.6 82.0

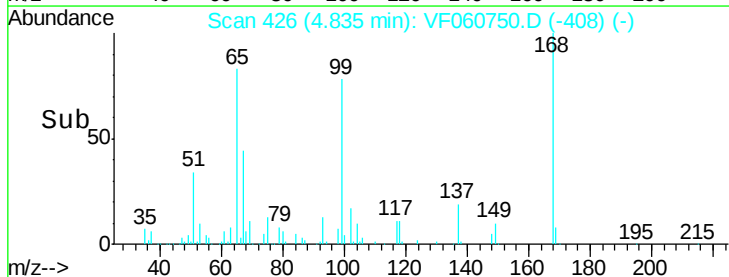
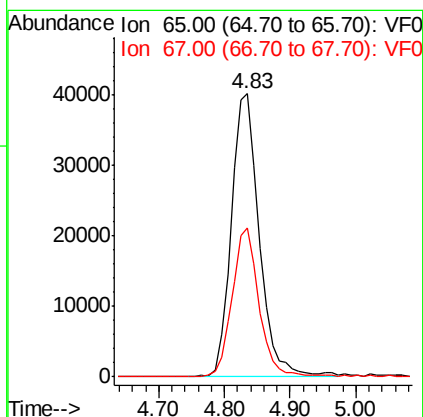
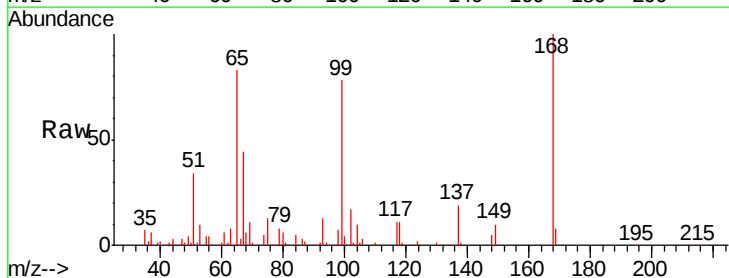
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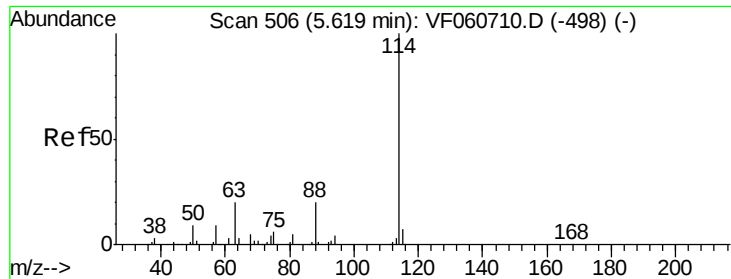
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#33
1,2-Dichloroethane-d4
Concen: 38.58 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 65 Resp: 119894
Ion Ratio Lower Upper
65 100
67 52.5 0.0 90.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Instrument :

MSVOA_F

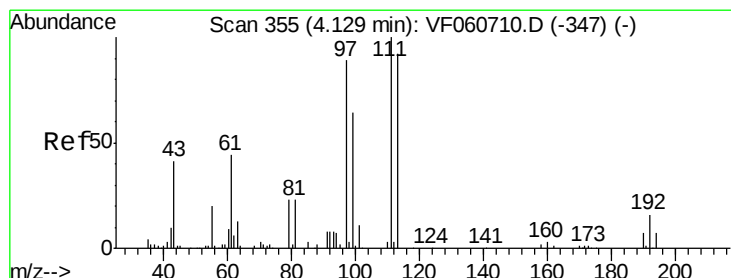
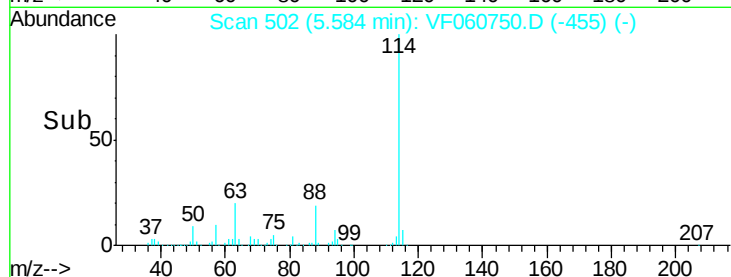
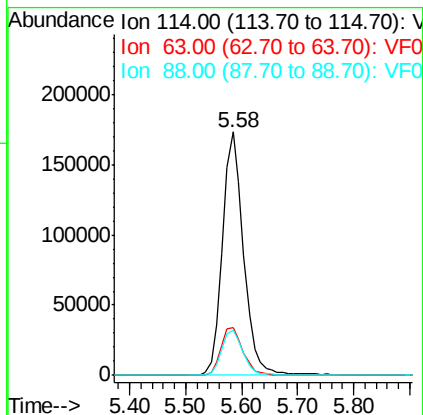
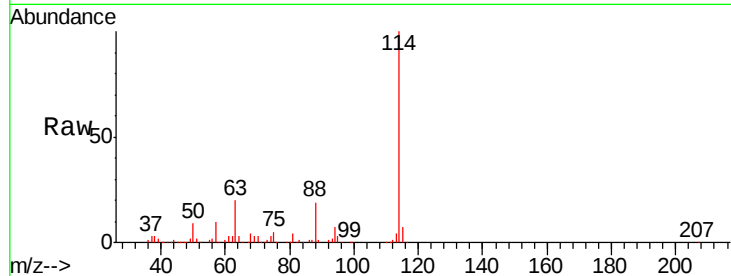
ClientSampleId :

CL-01-111418-C

Tgt	Ion:114	Resp:	457240
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	18.5	0.0	39.6

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#35

Dibromofluoromethane

Concen: 40.85 ug/l

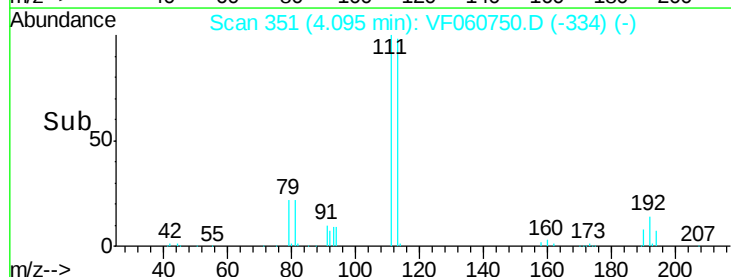
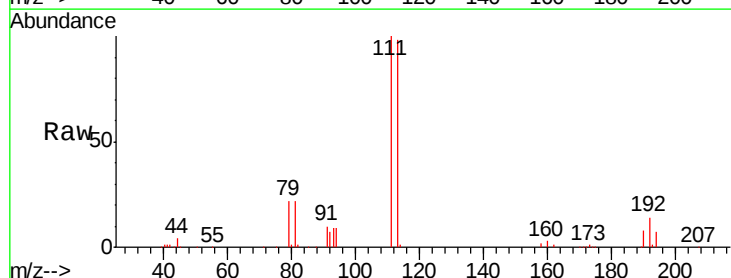
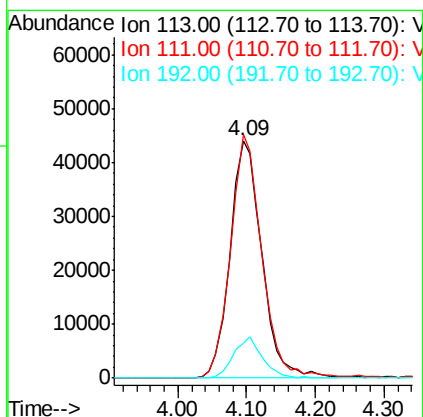
RT: 4.09 min Scan# 351

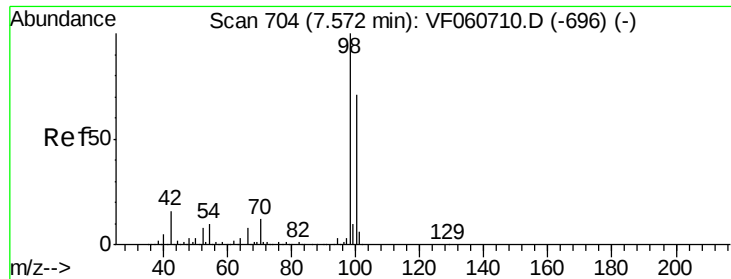
Delta R.T. -0.03 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Tgt	Ion:113	Resp:	140420
Ion	Ratio	Lower	Upper
113	100		
111	102.5	87.1	130.7
192	14.7	13.8	20.6





#50

Toluene-d8

Concen: 38.50 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Instrument :

MSVOA_F

ClientSampleId :

CL-01-111418-C

Tgt Ion: 98 Resp: 347026

Ion Ratio Lower Upper

98 100

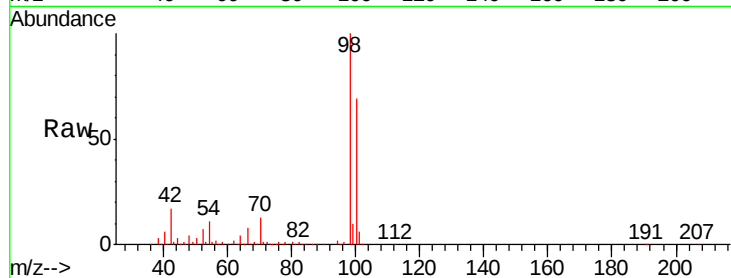
100 68.9 56.5 84.7

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

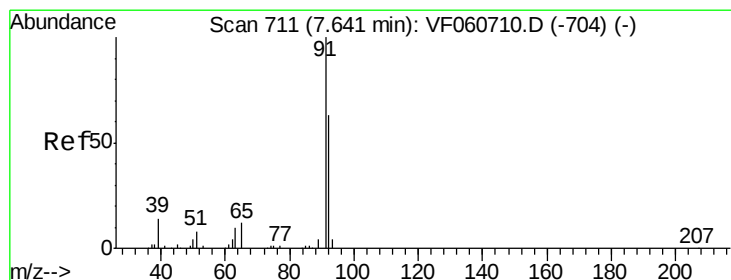
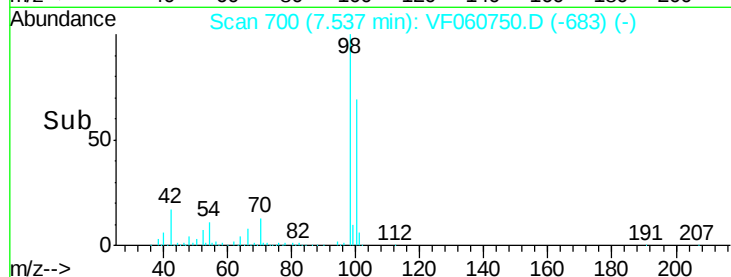
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50000

0

7.40 7.50 7.60

Time-->



#52

Toluene

Concen: 1.81 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.02 min

Lab File: VF060750.D

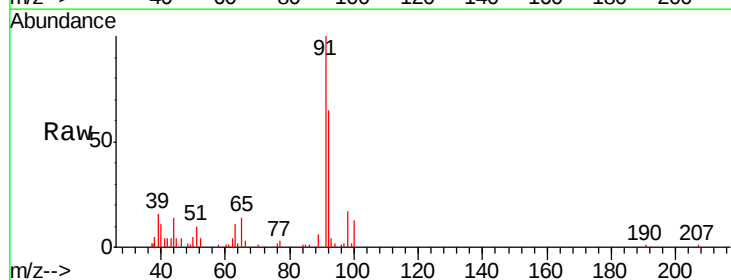
Acq: 15 Nov 2018 16:51

Tgt Ion: 92 Resp: 14303

Ion Ratio Lower Upper

92 100

91 154.7 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

10000

8000

6000

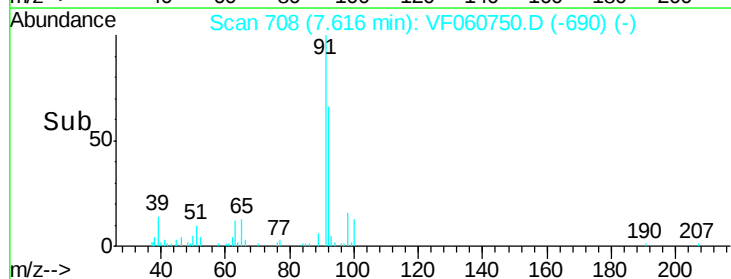
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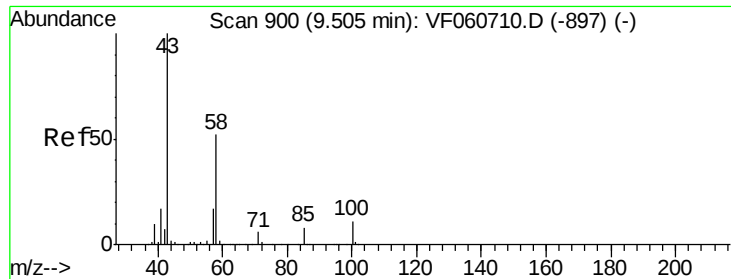
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0

7.50 7.60 7.70

Time-->





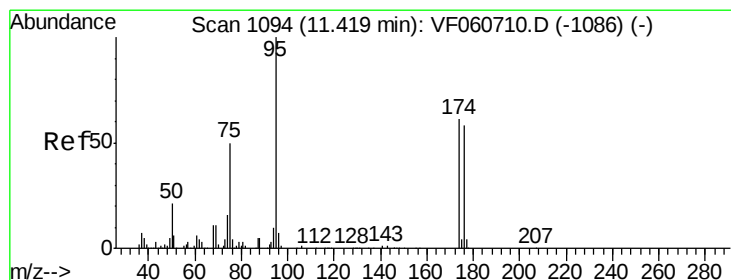
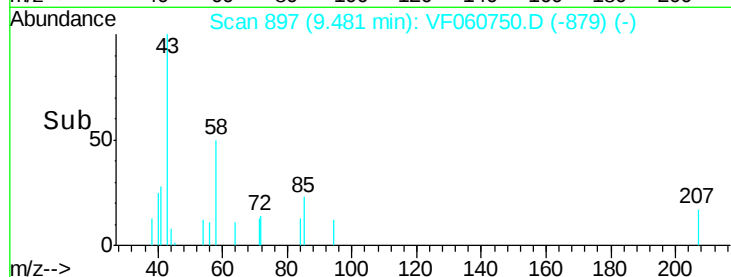
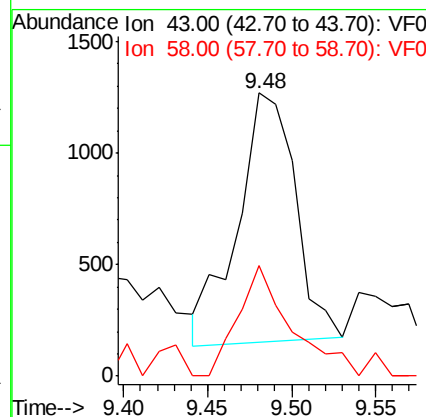
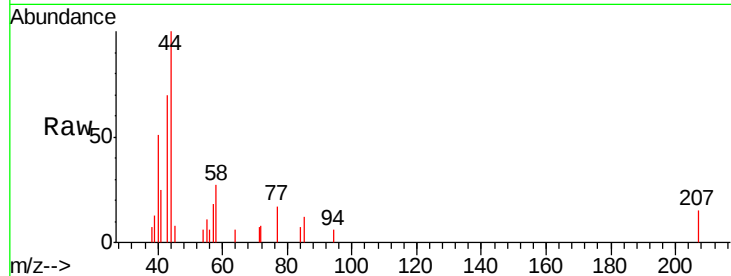
#59
2-Hexanone
Concen: 2.00 ug/l
RT: 9.48 min Scan# 897
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-C

Tgt Ion: 43 Resp: 2662
Ion Ratio Lower Upper
43 100
58 39.1 24.9 74.7

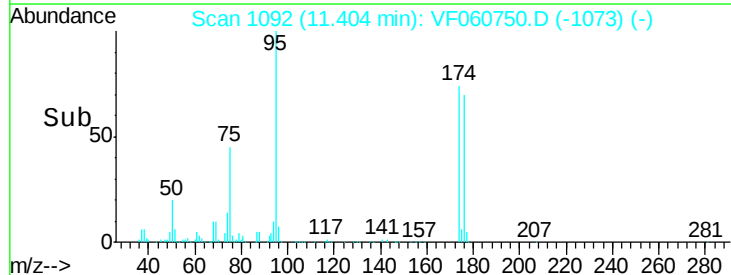
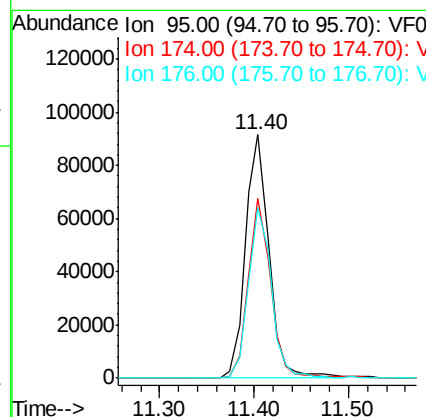
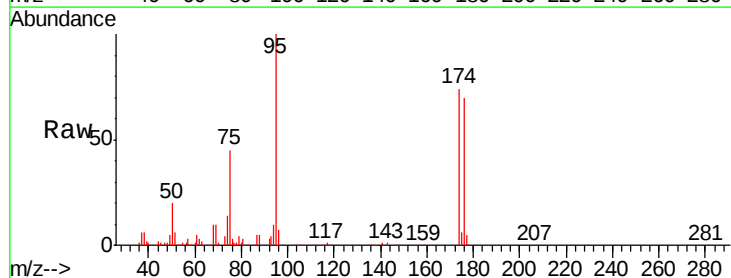
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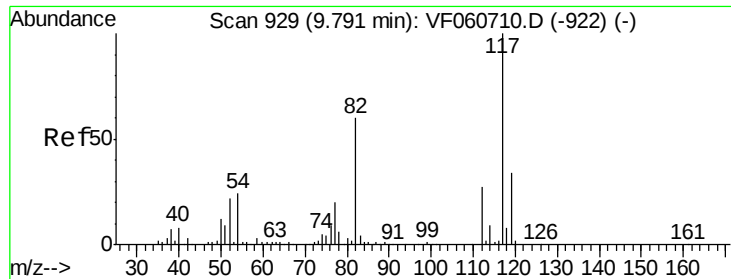
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#62
4-Bromofluorobenzene
Concen: 37.90 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion: 95 Resp: 158129
Ion Ratio Lower Upper
95 100
174 73.9 0.0 121.6
176 70.0 0.0 115.2





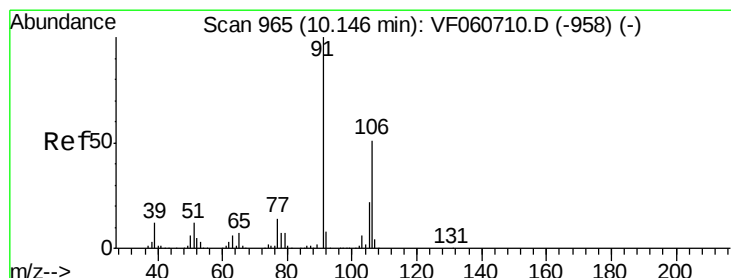
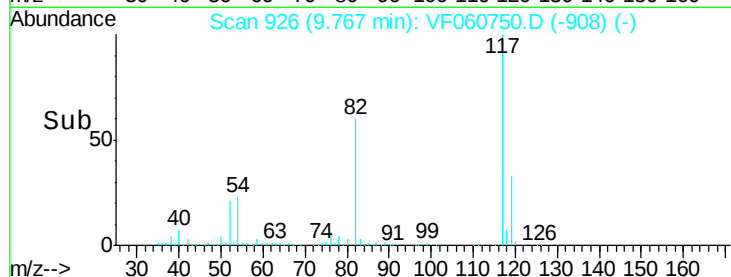
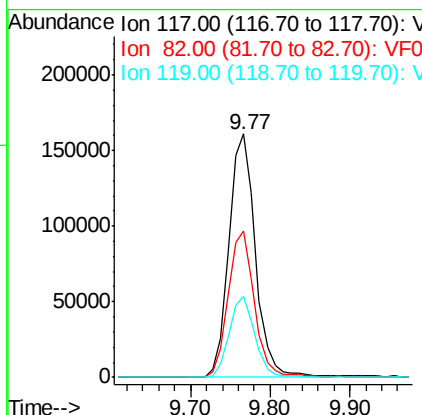
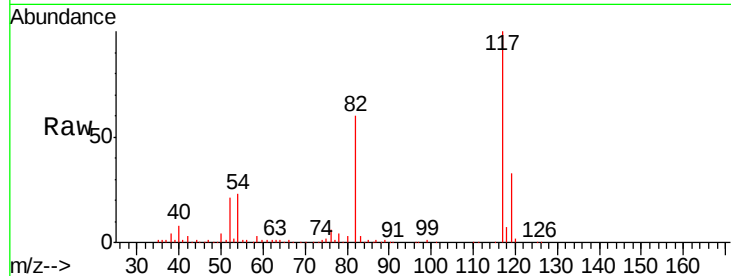
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-C

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	375901		
82	60.3	47.9	71.9	
119	33.3	26.8	40.2	

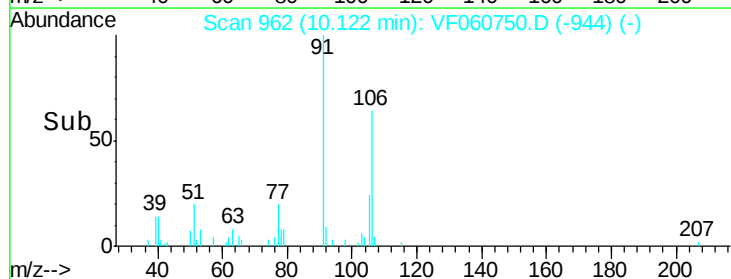
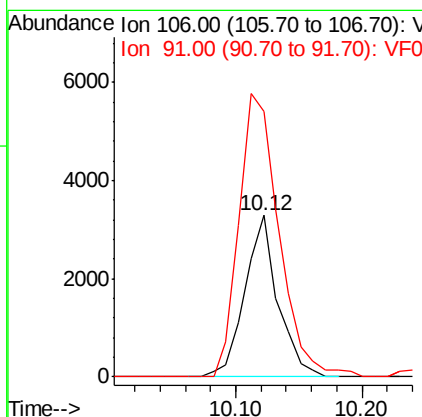
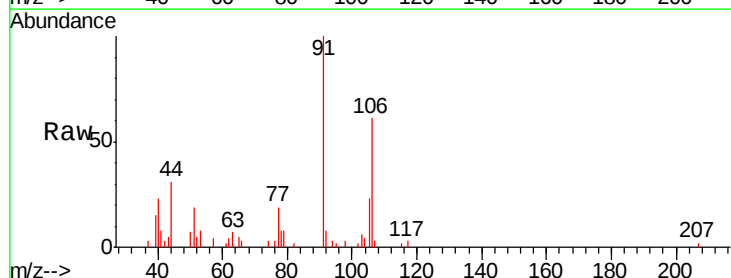
Manual Integrations
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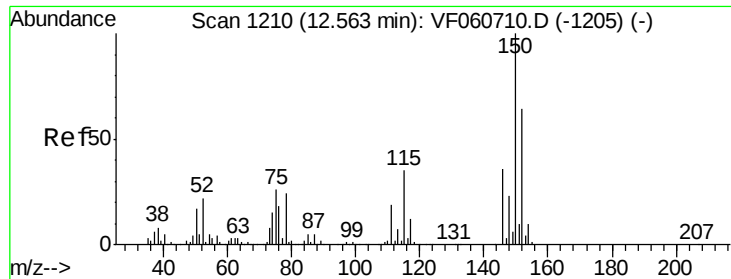
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#68
m/p-Xylenes
Concen: 1.16 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF060750.D
Acq: 15 Nov 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	5946		
91	163.9	158.2	237.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Instrument :

MSVOA_F

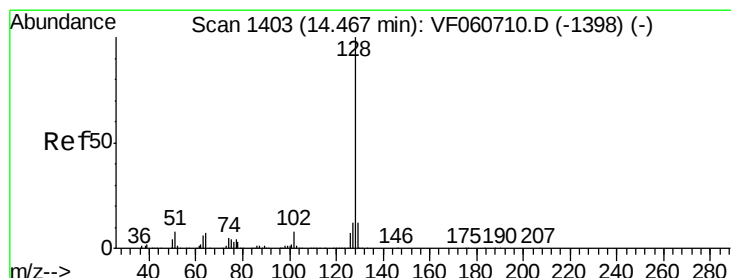
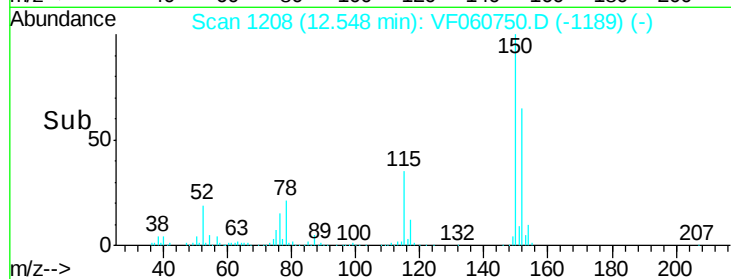
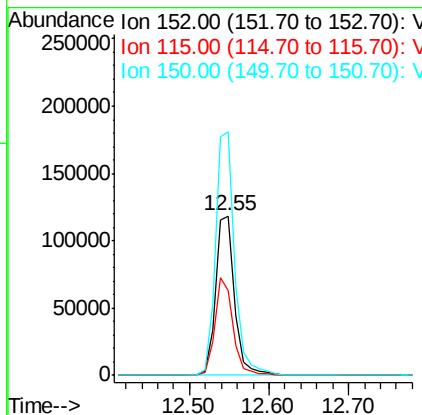
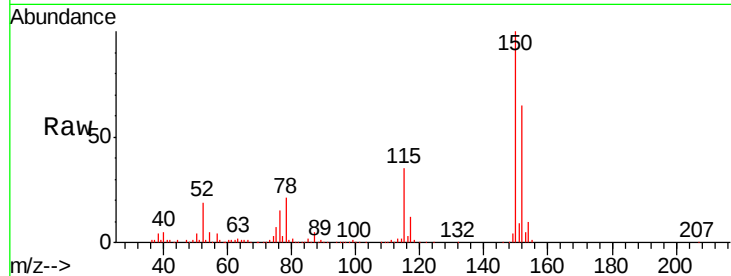
ClientSampleId :

CL-01-111418-C

Tgt	Ion	Resp	Lower	Upper
152	100			
115	53.2	27.9	83.7	
150	152.8	0.0	316.4	

Manual Integrations
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#95

Naphthalene

Concen: 2.25 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.01 min

Lab File: VF060750.D

Acq: 15 Nov 2018 16:51

Tgt	Ion	Resp	Lower	Upper
128	100			
127	13.5	9.8	14.6	
129	14.7	9.3	13.9#	

