

Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
 Data File : VN027349.D
 Acq On : 22 Sep 2015 00:40
 Operator : MD\FY
 Sample : G3754-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EQUIPMENTBLANK

Manual Integrations
 APPROVED

MMDadoda
 9/22/2015 2:29:07 PM

Quant Time: Sep 22 12:48:29 2015
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 13:12:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.75	168	712562	50.00	ug/l	0.00
35) 1,4-Difluorobenzene	8.68	114	1293992	50.00	ug/l	0.00
64) Chlorobenzene-d5	11.52	117	1078045	50.00	ug/l	0.00
73) 1,4-Dichlorobenzene-d4	13.47	152	366808	50.00	ug/l	0.00
System Monitoring Compounds						
34) 1,2-Dichloroethane-d4	8.12	65	728596	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
36) Dibromofluoromethane	7.68	113	463346	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
51) Toluene-d8	10.19	98	1887355	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
63) 4-Bromofluorobenzene	12.52	95	622613	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
Target Compounds						
17) Acetone	3.86	43	12861m	3.39	ug/l	Qvalue
21) Methylene Chloride	4.60	84	48106	4.76	ug/l	94

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

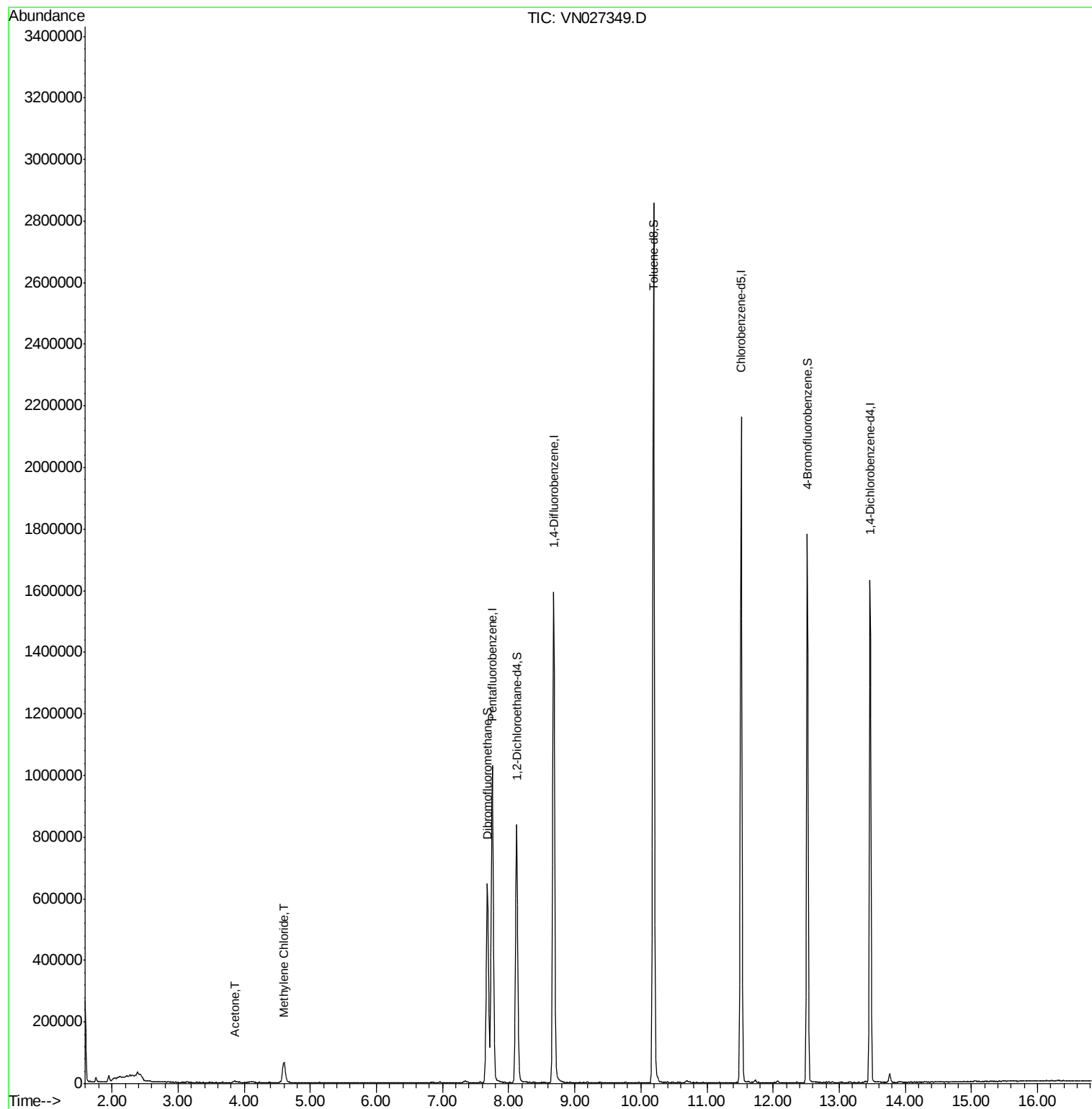
Data Path : W:\HPCHEM1\MSVOA N\DATA\VN092115\
Data File : VN027349.D
Acq On : 22 Sep 2015 00:40
Operator : MD\FY
Sample : G3754-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

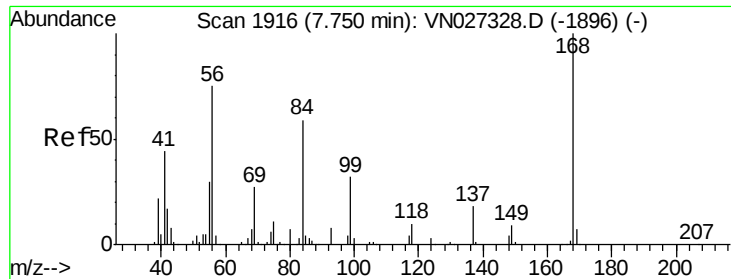
Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENTBLANK

Manual Integrations
APPROVED

MMDadoda
9/22/2015 2:29:07 PM

Quant Time: Sep 22 12:48:29 2015
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\82N092115W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 21 13:12:32 2015
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.75 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK

Tot Ion:168 Resp: 712562

Ion Ratio Lower Upper

168 100

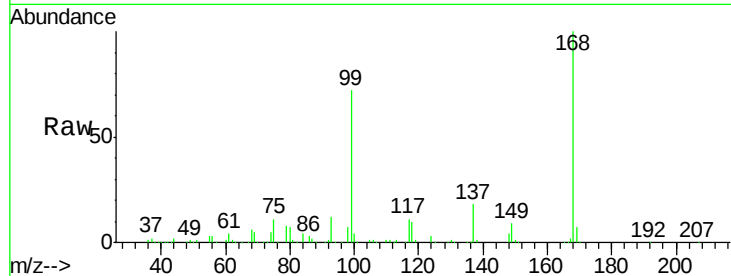
99 72.3 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

9/22/2015 2:29:07 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.75

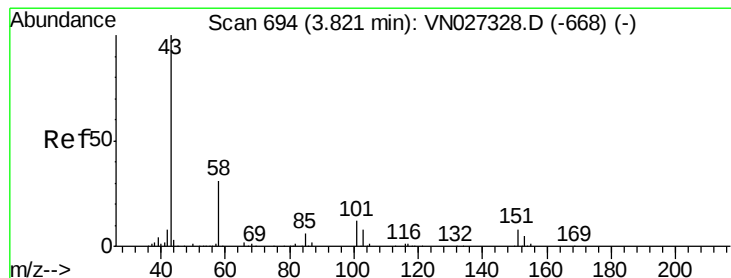
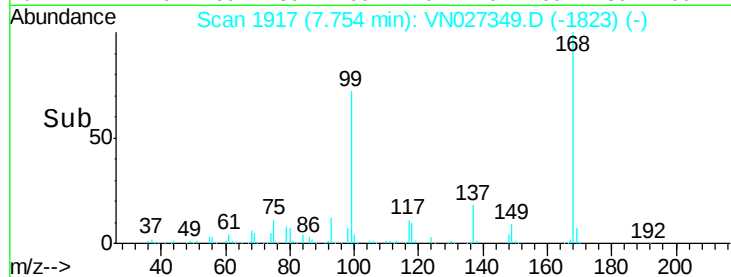
300000

200000

100000

0

Time-->



#17

Acetone

Concen: 3.39 ug/l m

RT: 3.86 min Scan# 705

Delta R.T. 0.04 min

Lab File: VN027349.D

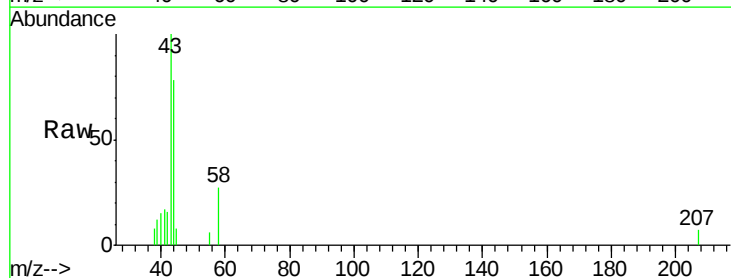
Acq: 22 Sep 2015 00:40

Tgt Ion: 43 Resp: 12861

Ion Ratio Lower Upper

43 100

58 26.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.86

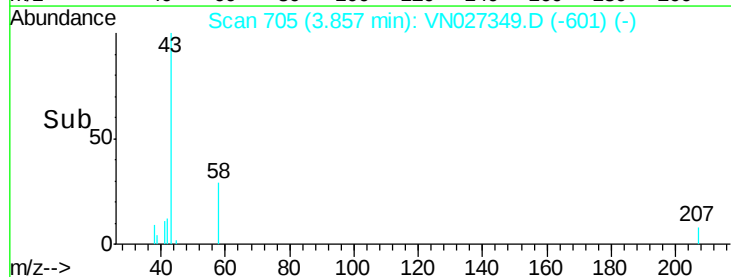
3000

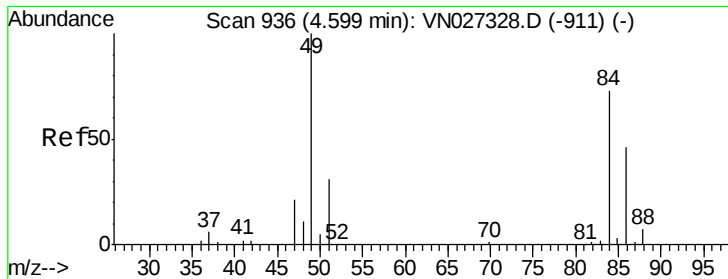
2000

1000

0

Time-->





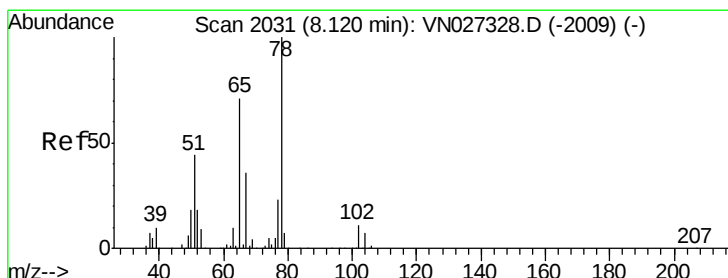
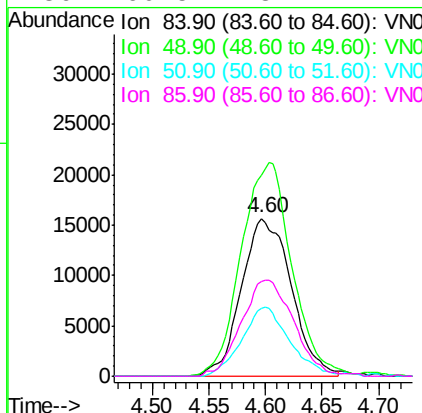
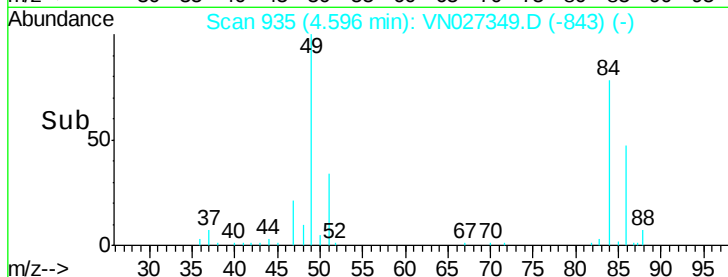
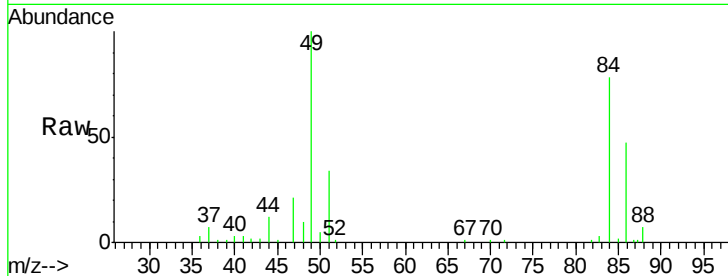
#21
Methvlene Chloride
Concen: 4.76 ug/l
RT: 4.60 min Scan# 935
Delta R.T. -0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Instrument :
MSVOA_N
ClientSampleId :
EQUIPMENTBLANK

Tot Ion:	84	Resp:	48106
Ion	Ratio	Lower	Upper
84	100		
49	127.6	112.3	168.5
51	43.2	33.8	50.8
86	60.5	48.2	72.4

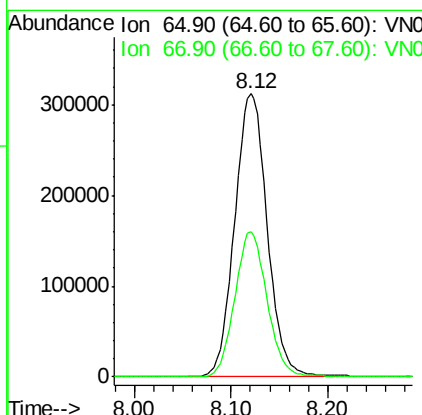
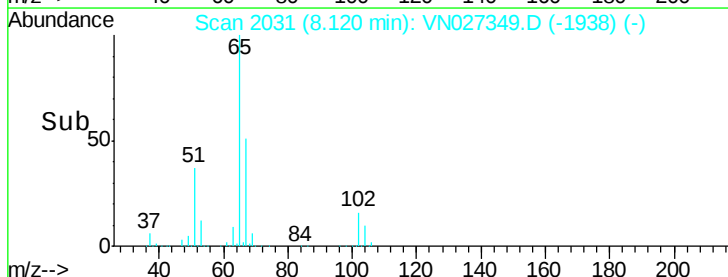
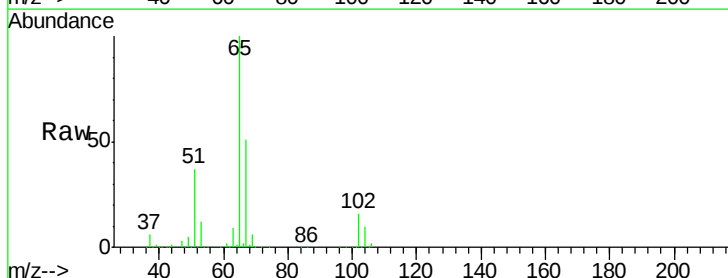
Manual Integrations
APPROVED

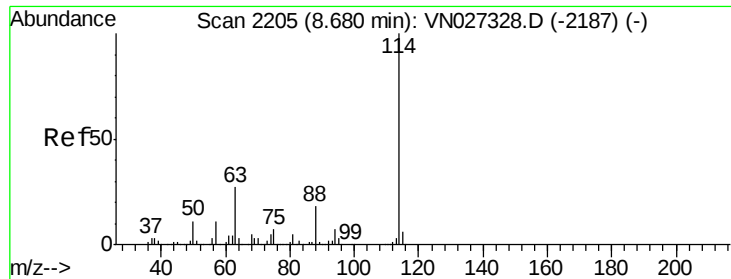
MMDadoda
9/22/2015 2:29:07 PM



#34
1,2-Dichloroethane-d4
Concen: 52.23 ug/l
RT: 8.12 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VN027349.D
Acq: 22 Sep 2015 00:40

Tgt Ion:	65	Resp:	728596
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	110.6





#35

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.68 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK

Tot Ion:114 Resp: 1293992

Ion Ratio Lower Upper

114 100

63 26.1 0.0 48.8

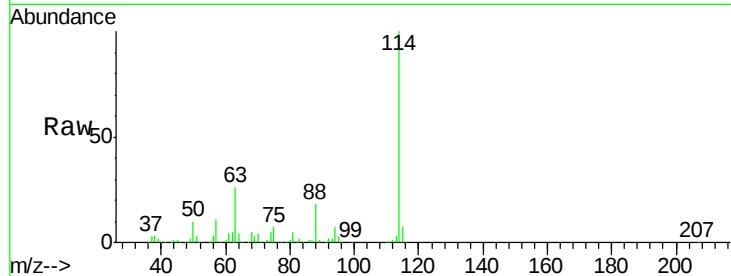
88 17.9 0.0 32.2

Manual Integrations

APPROVED

MMDadoda

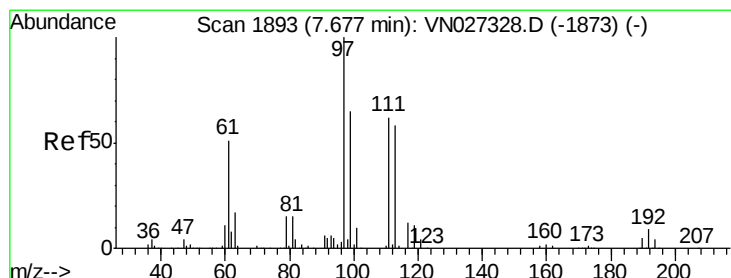
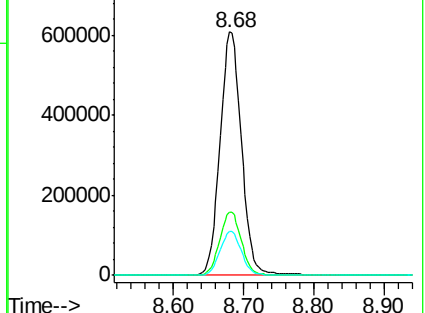
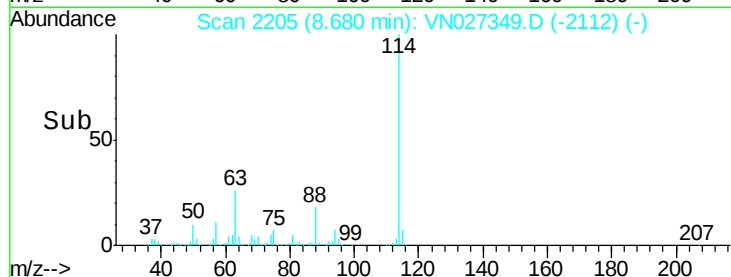
9/22/2015 2:29:07 PM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#36

Dibromofluoromethane

Concen: 54.88 ug/l

RT: 7.68 min Scan# 1894

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

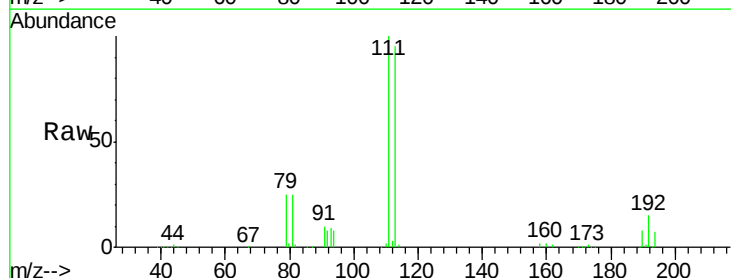
Tgt Ion:113 Resp: 463346

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.4

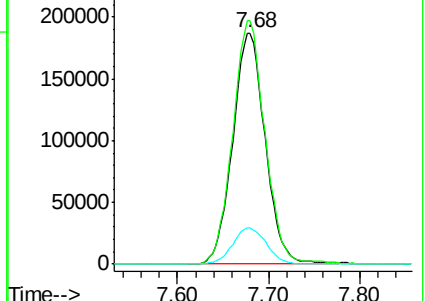
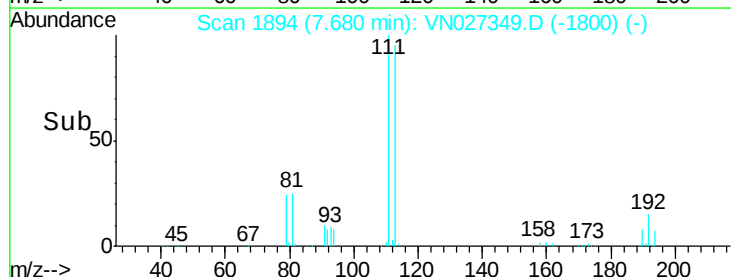
192 16.3 14.1 21.1

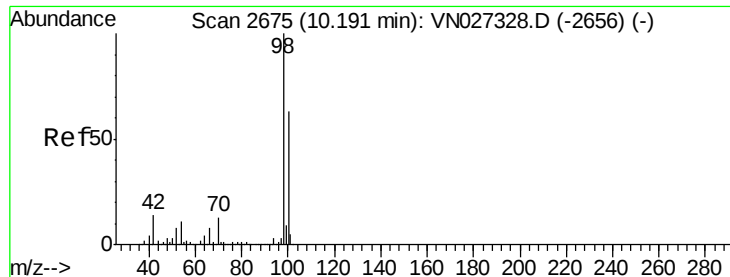


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#51

Toluene-d8

Concen: 57.82 ug/l

RT: 10.19 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK

Tot Ion: 98 Resp: 1887355

Ion Ratio Lower Upper

98 100

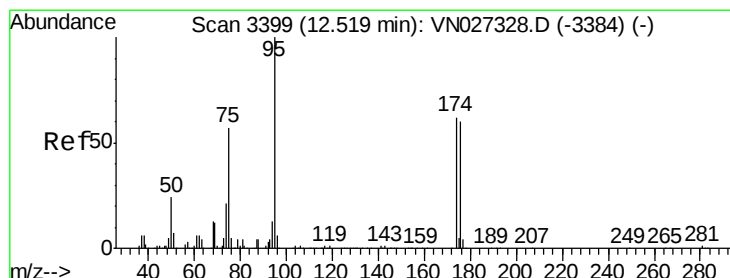
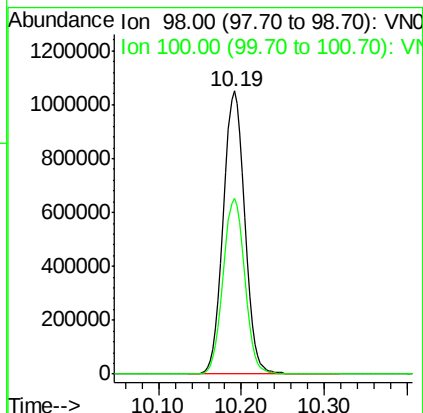
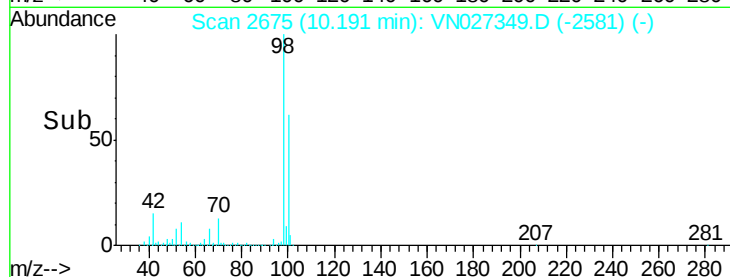
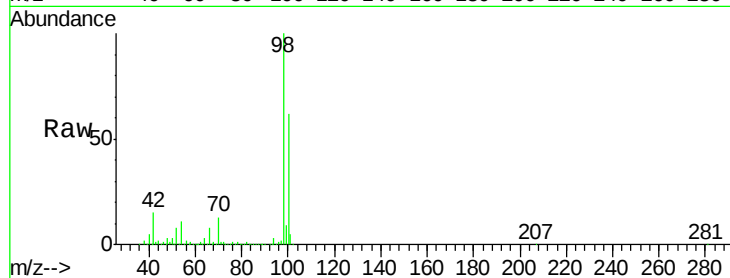
100 62.5 50.5 75.7

Manual Integrations

APPROVED

MMDadoda

9/22/2015 2:29:07 PM



#63

4-Bromofluorobenzene

Concen: 52.50 ug/l

RT: 12.52 min Scan# 3398

Delta R.T. -0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

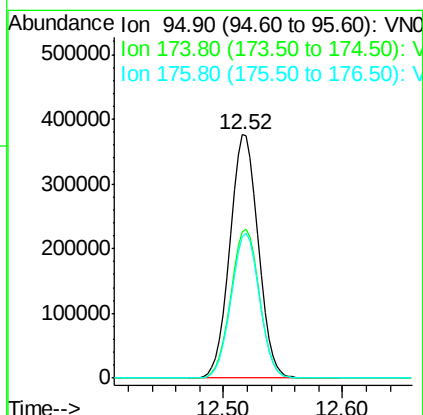
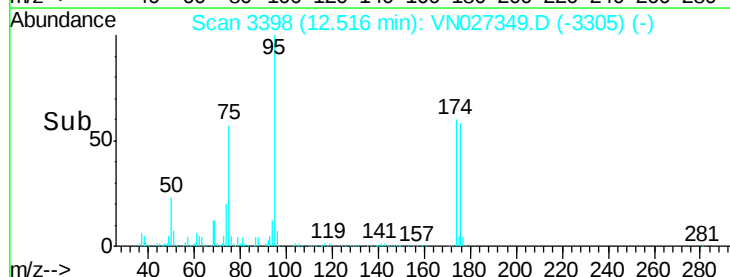
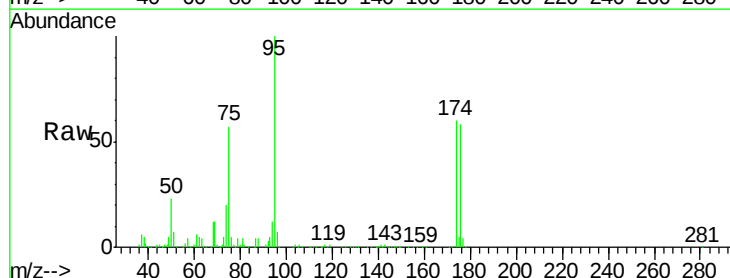
Tgt Ion: 95 Resp: 622613

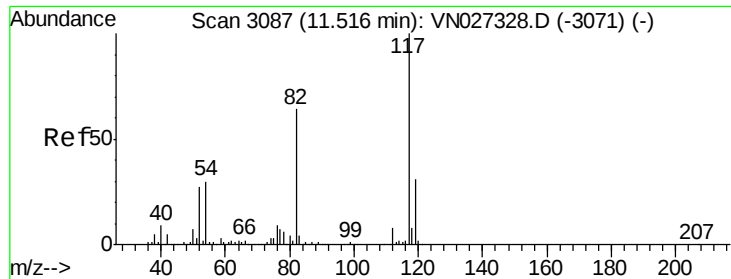
Ion Ratio Lower Upper

95 100

174 61.8 0.0 137.0

176 59.3 0.0 130.8





#64

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.52 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

Instrument :

MSVOA_N

ClientSampleId :

EQUIPMENTBLANK

Tot Ion:117 Resp: 1078045

Ion Ratio Lower Upper

117 100

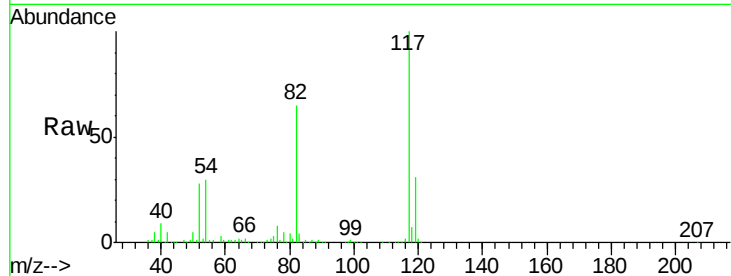
82 64.8 49.6 74.4

119 30.8 24.6 36.8

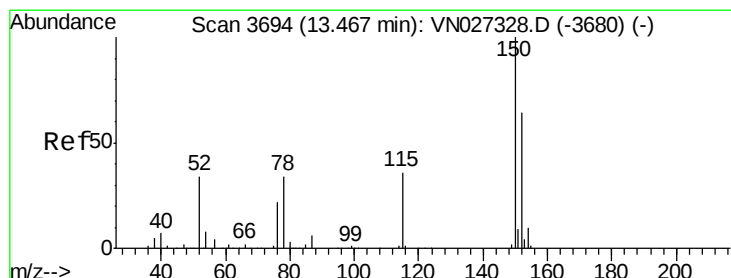
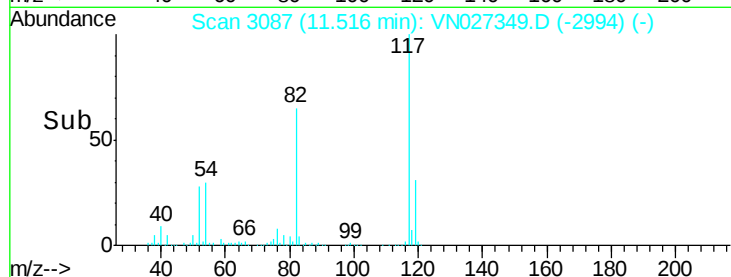
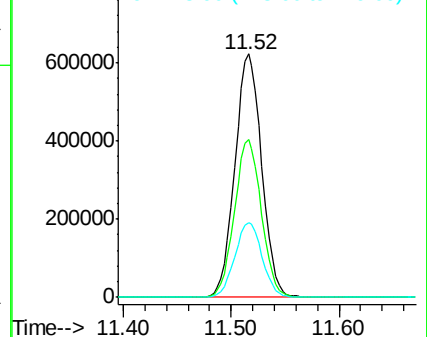
Manual Integrations
APPROVED

MMDadoda

9/22/2015 2:29:07 PM



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#73

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.47 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN027349.D

Acq: 22 Sep 2015 00:40

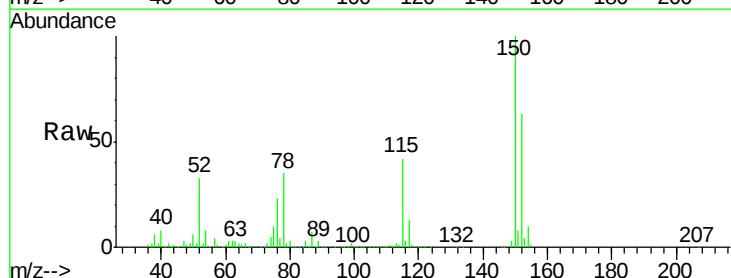
Tgt Ion:152 Resp: 366808

Ion Ratio Lower Upper

152 100

115 67.1 30.8 92.3

150 157.6 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

