

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053826.D
 Acq On : 16 Feb 2019 3:47
 Operator : JC/SP
 Sample : PB117124ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#11

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 9:48:24 AM

Quant Time: Feb 18 08:21:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	645926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1102528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1086507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351344	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
35) Dibromofluoromethane	7.59	113	350900	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	10.09	98	1341543	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.40	95	437985	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
Target Compounds						
16) Acetone	3.82	43	13857	8.337	ug/l	97
20) Methylene Chloride	4.56	84	7324m	1.050	ug/l	

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

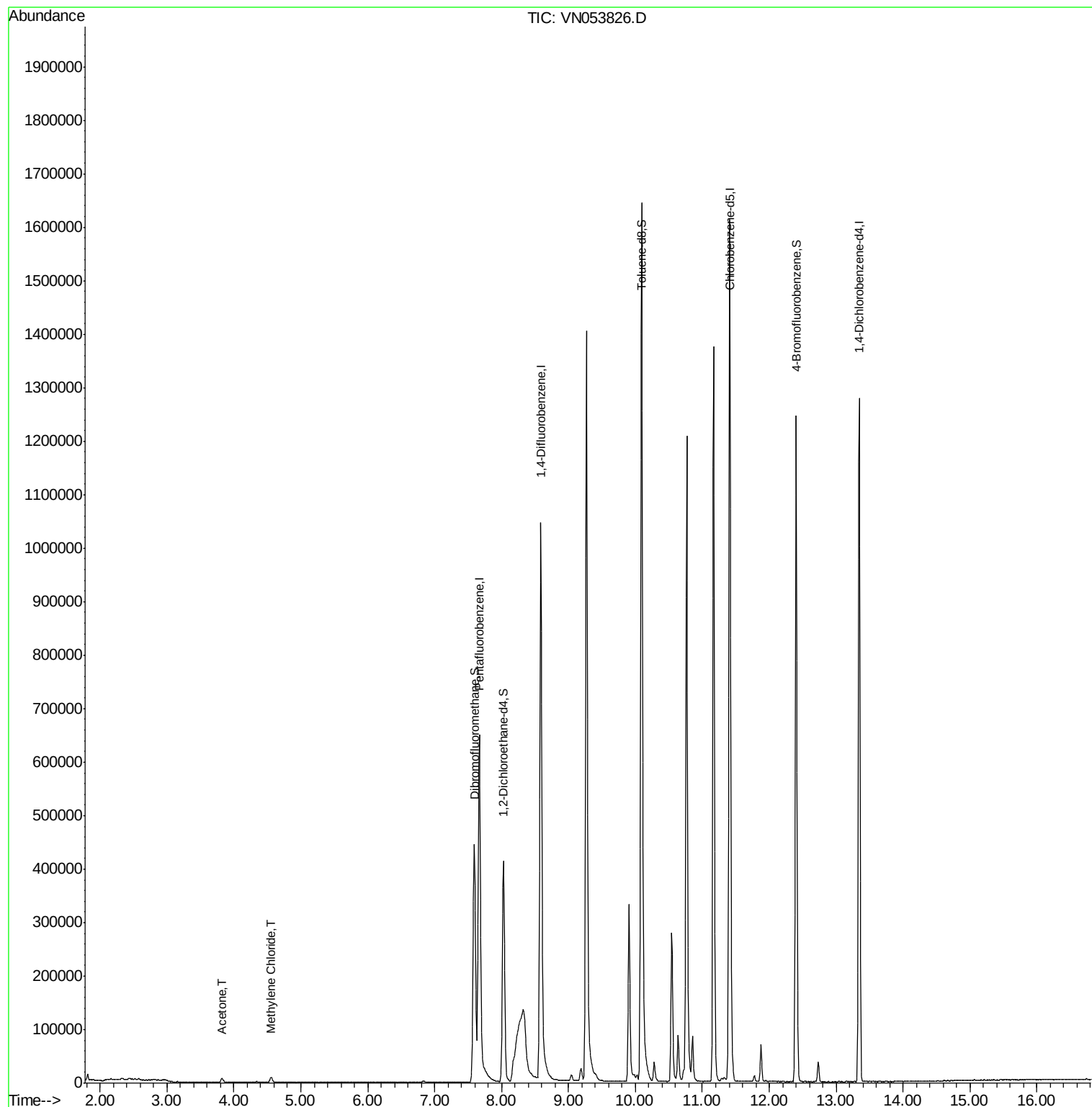
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
Data File : VN053826.D
Acq On : 16 Feb 2019 3:47
Operator : JC/SP
Sample : PB117124ZHE#11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

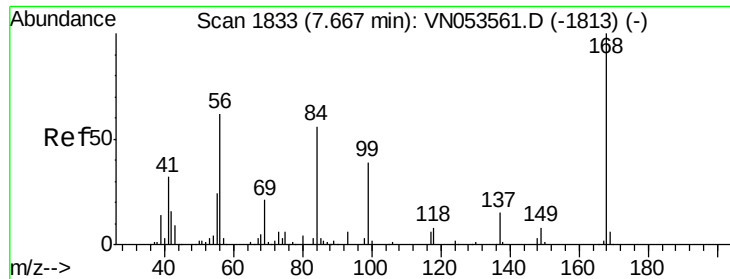
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#11

Manual Integrations
APPROVED

MMDadoda
2/18/2019 9:48:24 AM

Quant Time: Feb 18 08:21:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053826.D

Acq: 16 Feb 2019 3:47

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#11

Tot Ion:168 Resp: 645926

Ion Ratio Lower Upper

168 100

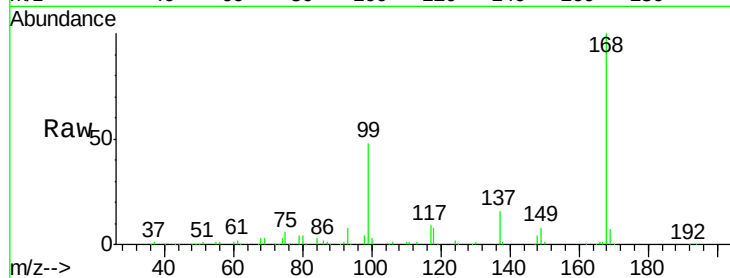
99 47.8 39.1 58.7

Manual Integrations

APPROVED

MMDadoda

2/18/2019 9:48:24 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

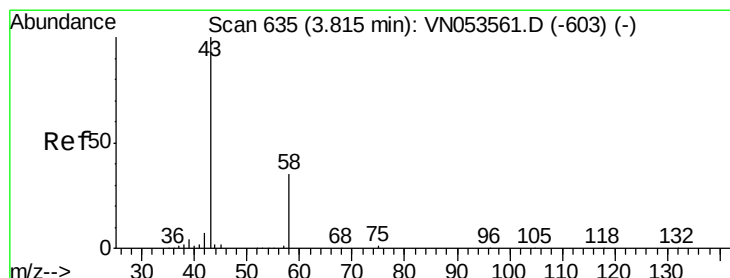
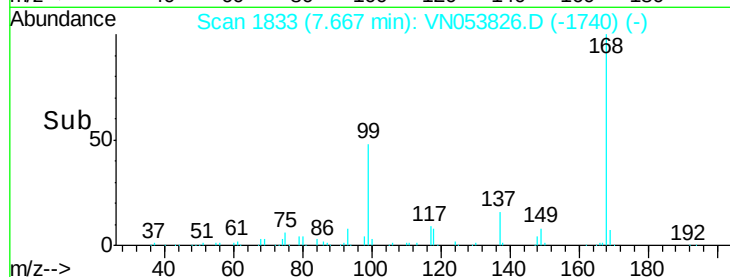
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.337 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053826.D

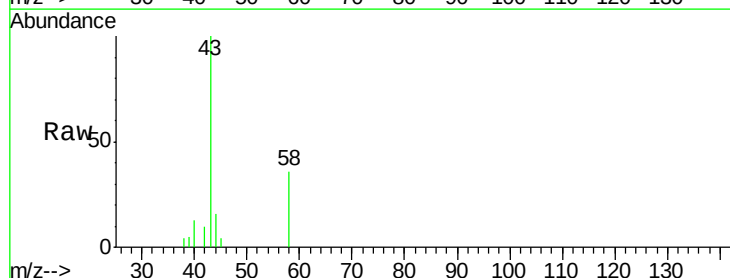
Acq: 16 Feb 2019 3:47

Tgt Ion: 43 Resp: 13857

Ion Ratio Lower Upper

43 100

58 35.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

3000

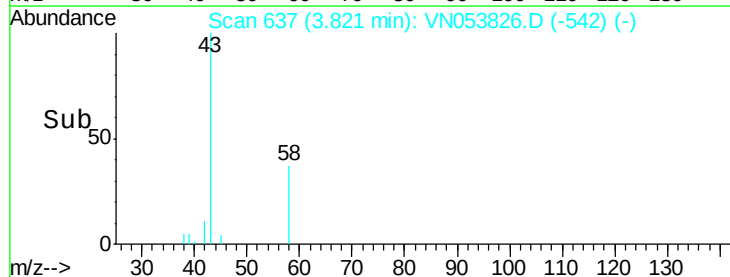
2000

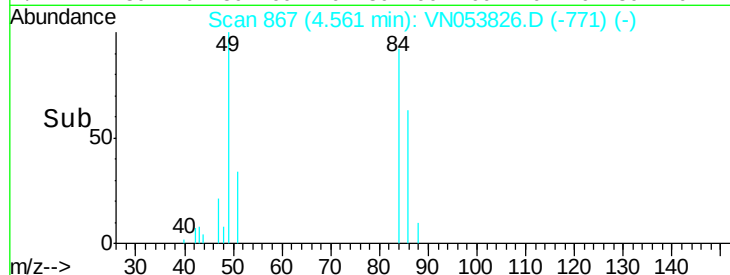
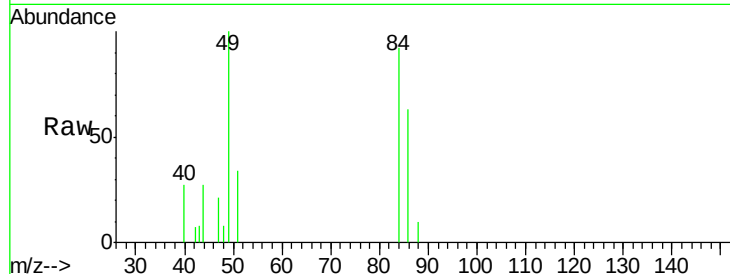
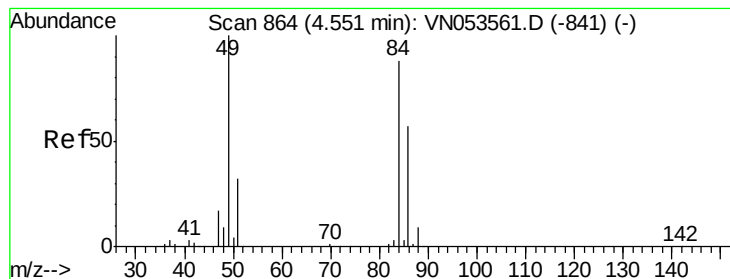
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 1.050 ug/l m

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN053826.D

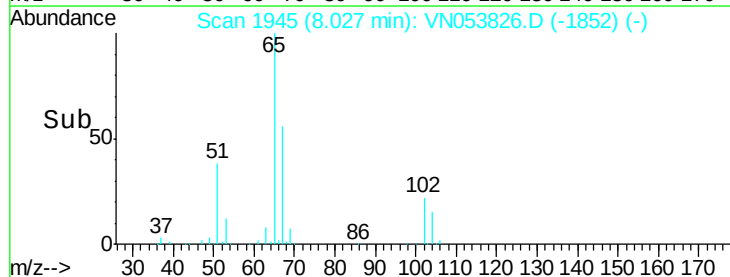
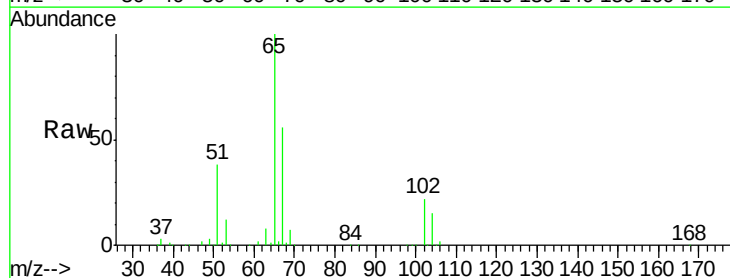
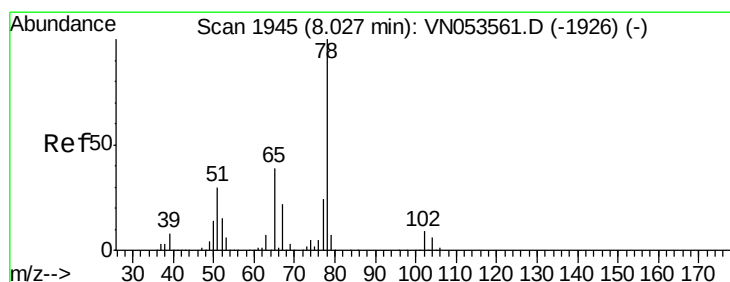
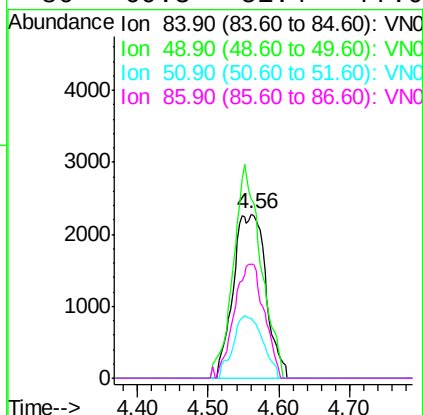
Acq: 16 Feb 2019 3:47

Tot Ion:	84	Resp:	7324
Ion	Ratio	Lower	Upper
84	100		
49	109.2	94.3	141.5
51	36.8	29.4	44.2
86	69.3	51.4	77.0

Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#11

Manual Integrations
APPROVED

MMDadoda
2/18/2019 9:48:24 AM



#33

1,2-Dichloroethane-d4

Concen: 54.221 ug/l

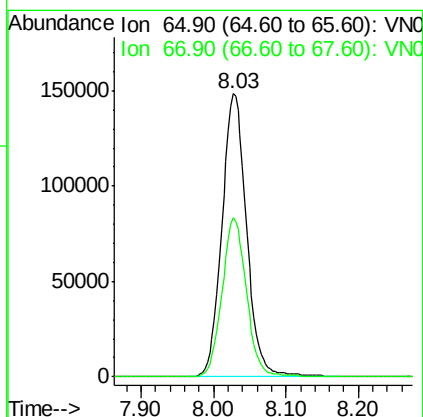
RT: 8.03 min Scan# 1945

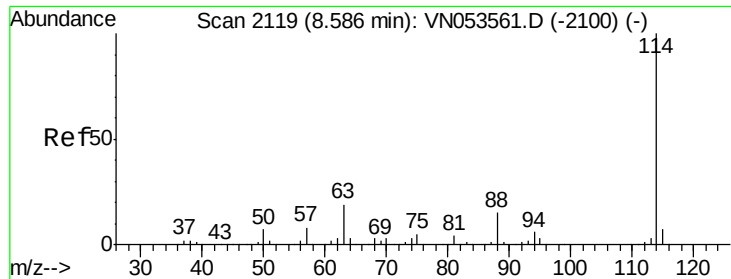
Delta R.T. 0.00 min

Lab File: VN053826.D

Acq: 16 Feb 2019 3:47

Tgt Ion:	65	Resp:	351344
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.2





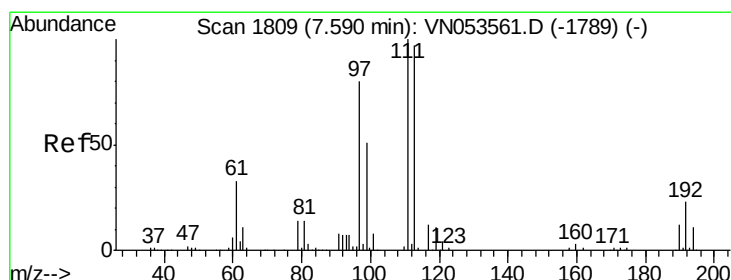
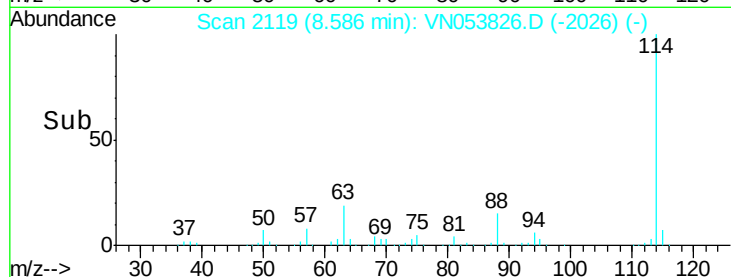
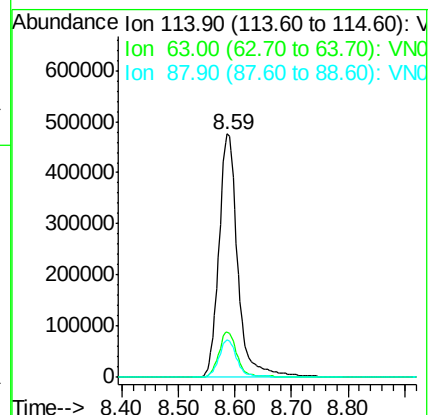
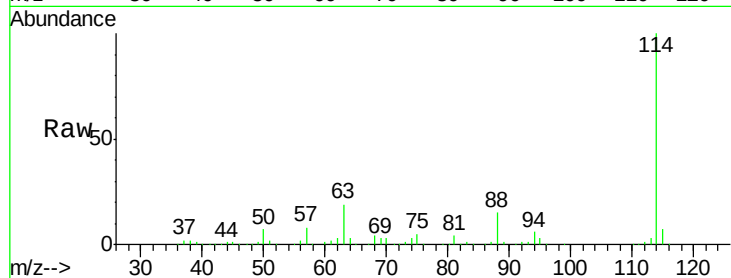
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053826.D
Acq: 16 Feb 2019 3:47

Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#11

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.6
88	15.4	0.0	30.4

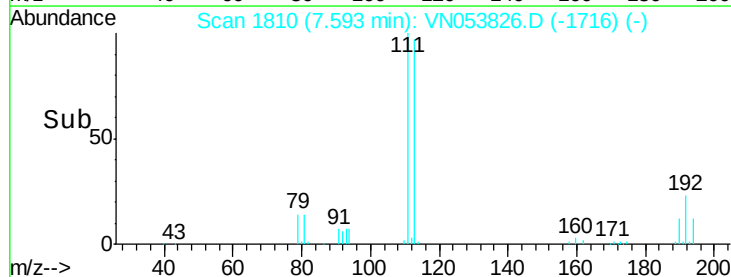
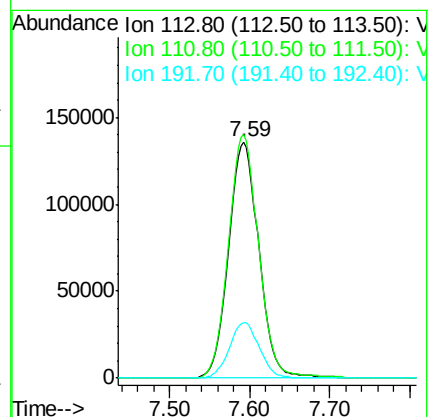
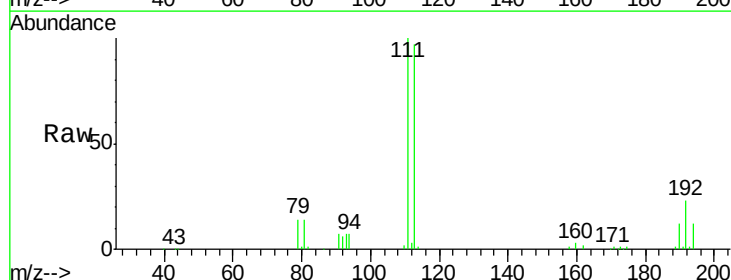
Manual Integrations
APPROVED

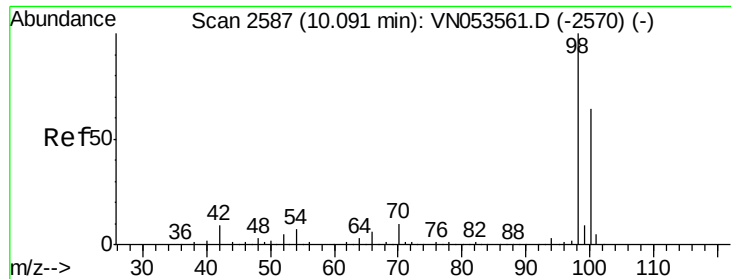
MMDadoda
2/18/2019 9:48:24 AM



#35
Dibromofluoromethane
Concen: 50.369 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053826.D
Acq: 16 Feb 2019 3:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	23.4	18.2	27.2





#50

Toluene-d8

Concen: 51.286 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053826.D

Acq: 16 Feb 2019 3:47

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#11

Tot Ion: 98 Resp: 1341543

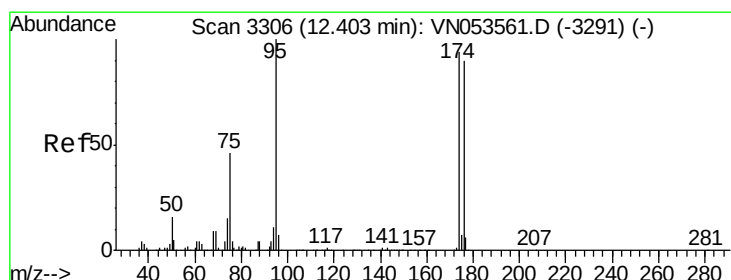
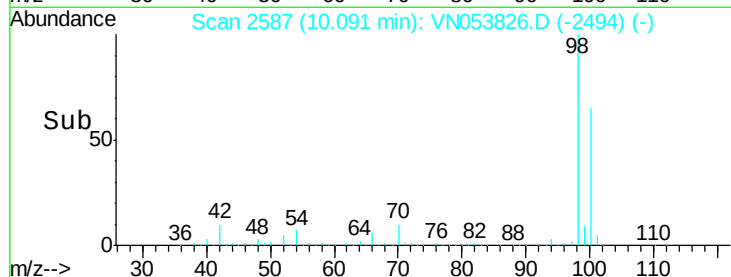
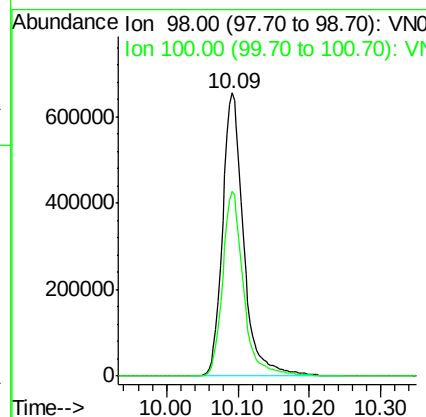
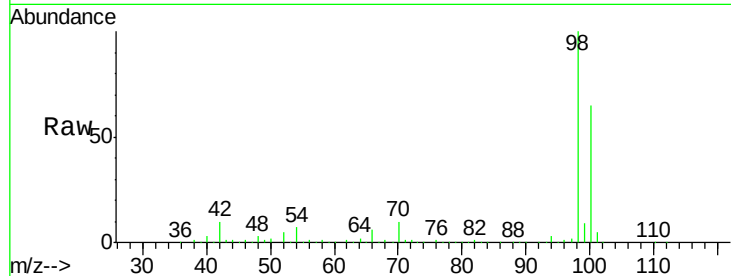
Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

Manual Integrations
APPROVED

MMDadoda
2/18/2019 9:48:24 AM



#62

4-Bromofluorobenzene

Concen: 50.204 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN053826.D

Acq: 16 Feb 2019 3:47

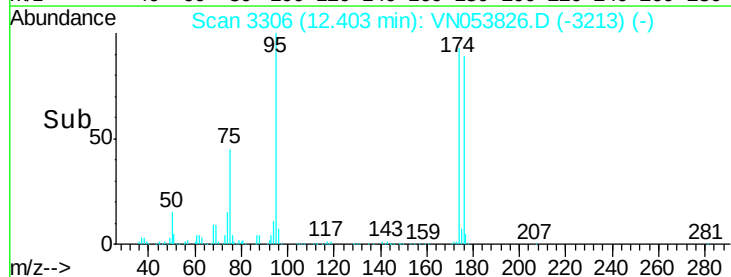
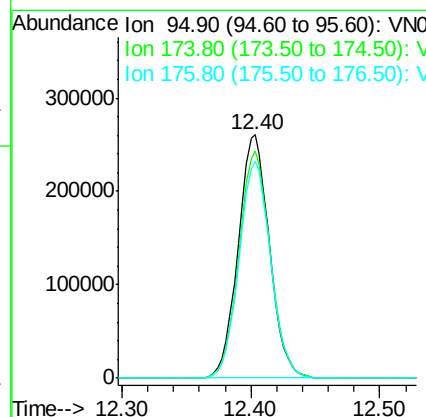
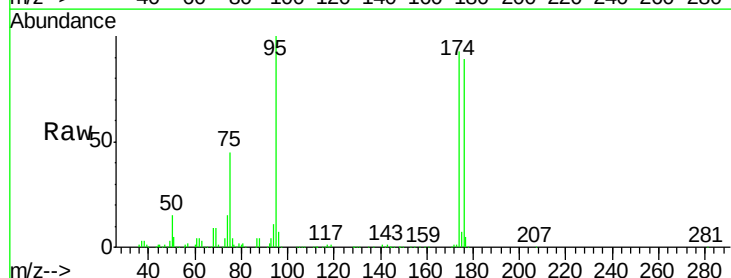
Tgt Ion: 95 Resp: 437985

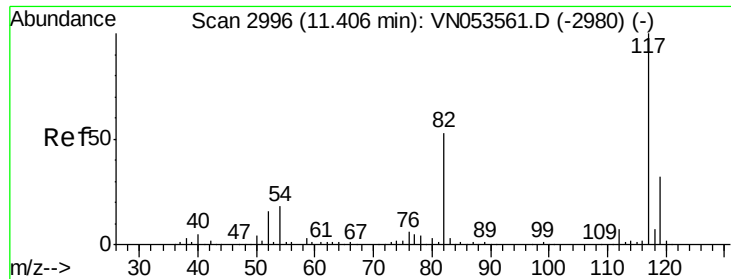
Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

176 90.0 0.0 177.4





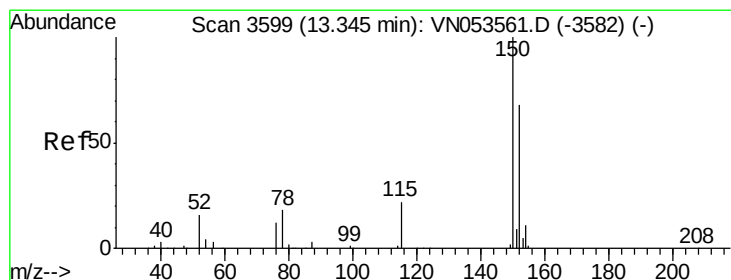
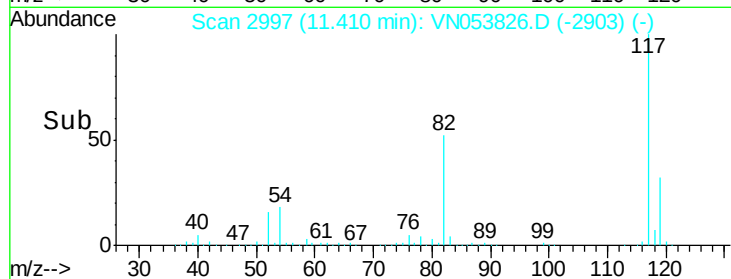
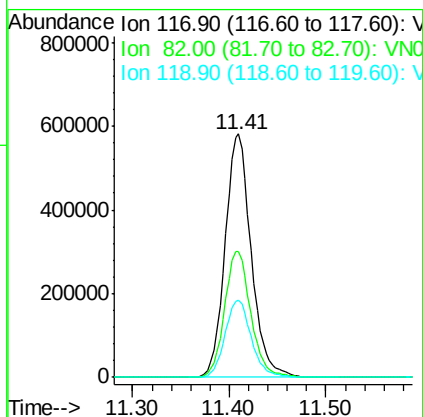
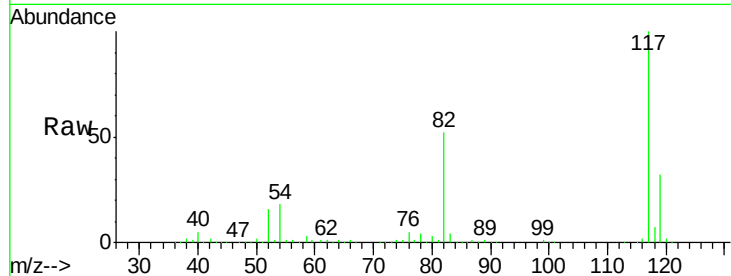
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053826.D
Acq: 16 Feb 2019 3:47

Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#11

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.9	64.3
119	31.9	26.0	39.0

Manual Integrations
APPROVED

MMDadoda
2/18/2019 9:48:24 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053826.D
Acq: 16 Feb 2019 3:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.8	83.4
150	156.7	0.0	349.0

