

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051921.D
 Acq On : 18 Oct 2018 17:21
 Operator : MD\SY
 Sample : PB113908ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 4:37:58 PM

Quant Time: Oct 19 07:17:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	992955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1452967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446086	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	533658	57.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.94%	
35) Dibromofluoromethane	7.59	113	540011	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
50) Toluene-d8	10.09	98	1971309	58.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.28%	
62) 4-Bromofluorobenzene	12.40	95	558541	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
Target Compounds						
20) Methylene Chloride	4.56	84	15562m	1.88	ug/l	Qvalue
43) Isopropyl Acetate	8.17	43	271091	25.81	ug/l #	88

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

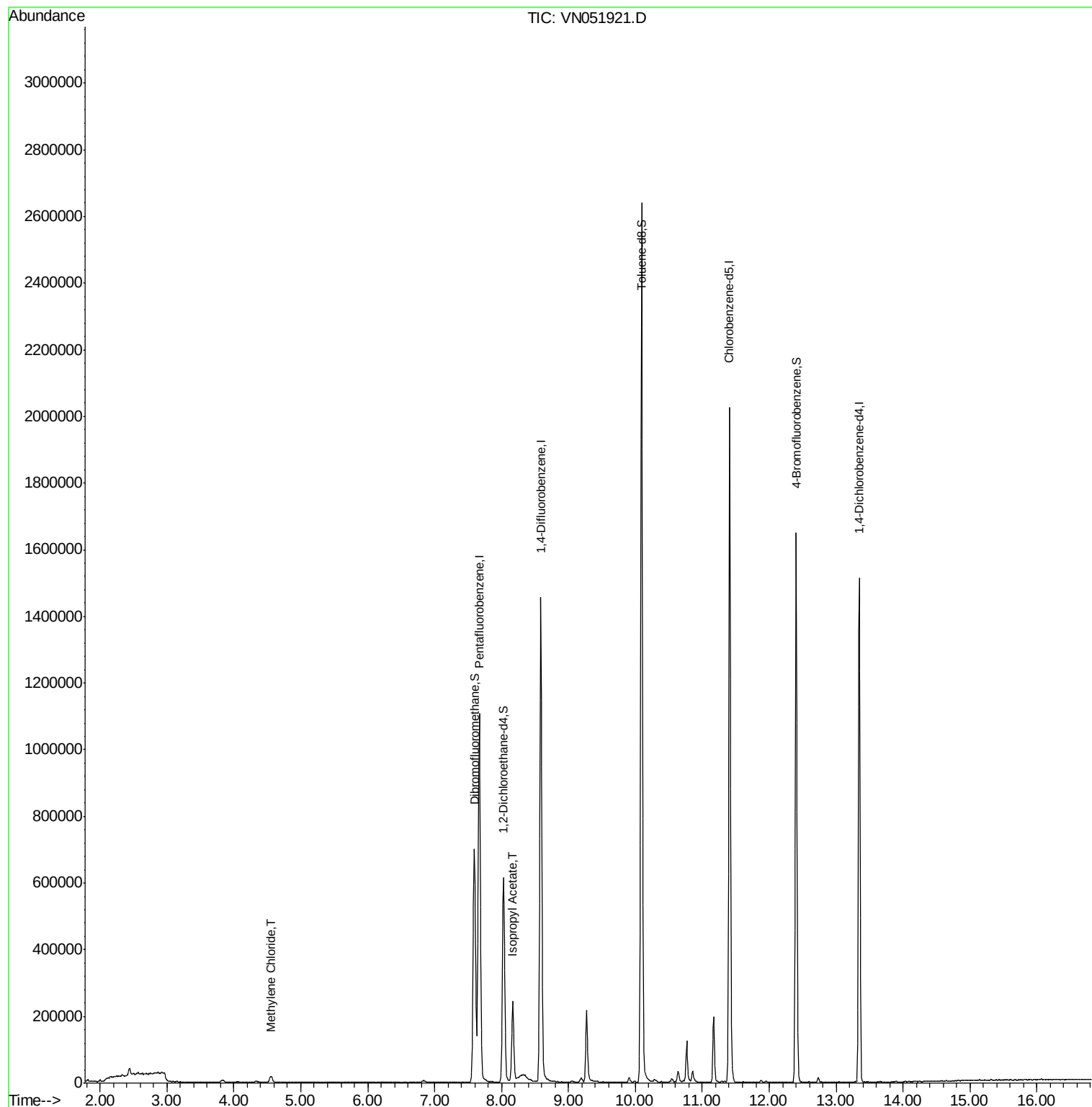
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
Data File : VN051921.D
Acq On : 18 Oct 2018 17:21
Operator : MD\SY
Sample : PB113908ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

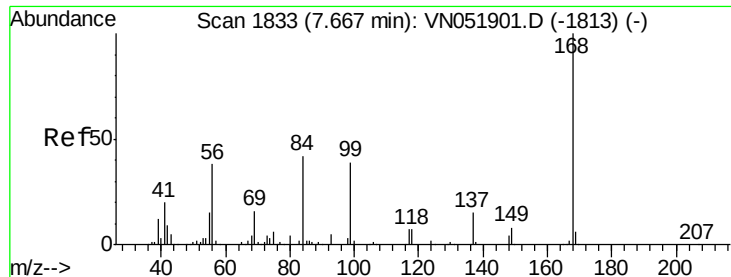
Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#02

Manual Integrations
APPROVED

MMDadoda
10/19/2018 4:37:58 PM

Quant Time: Oct 19 07:17:17 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 05:11:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051921.D

Acq: 18 Oct 2018 17:21

Instrument :

MSVOA_N

ClientSampleId :

PB113908ZHE#02

Tgt Ion:168 Resp: 992955

Ion Ratio Lower Upper

168 100

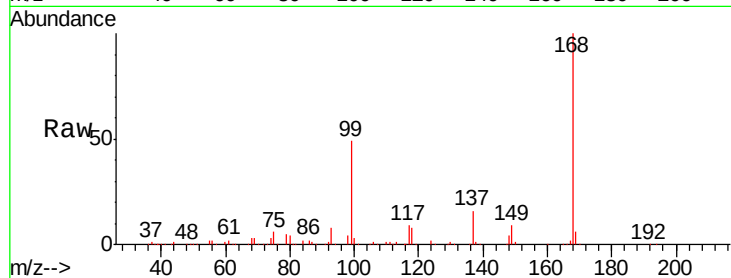
99 49.2 39.2 58.8

Manual Integrations

APPROVED

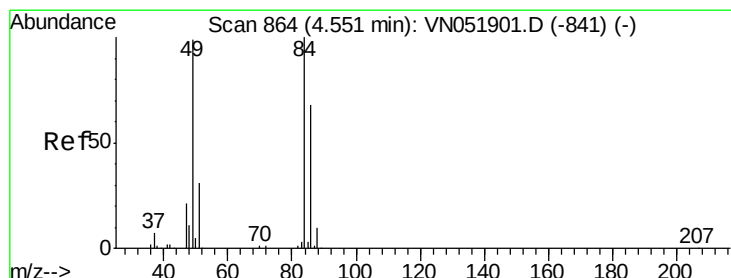
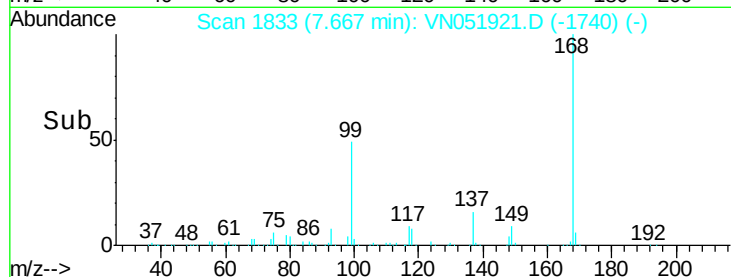
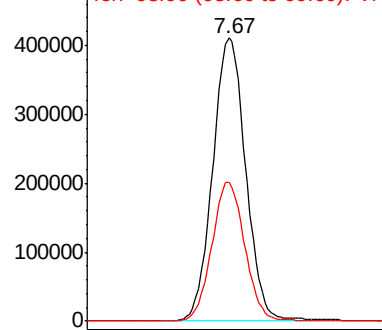
MMDadoda

10/19/2018 4:37:58 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.88 ug/l m

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN051921.D

Acq: 18 Oct 2018 17:21

Tgt Ion: 84 Resp: 15562

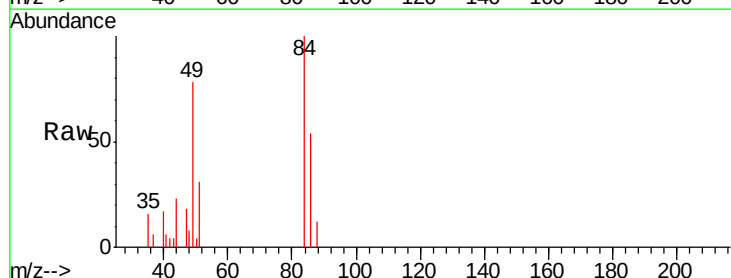
Ion Ratio Lower Upper

84 100

49 78.4 79.0 118.4#

51 31.0 24.9 37.3

86 53.5 54.6 82.0#

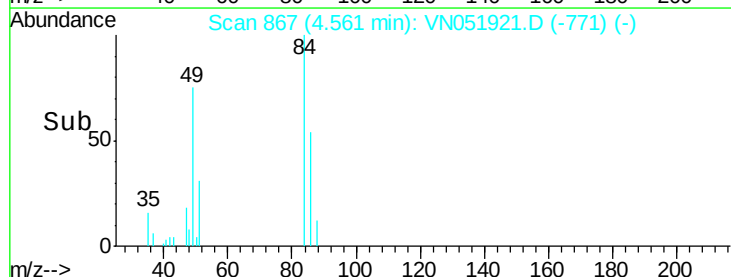
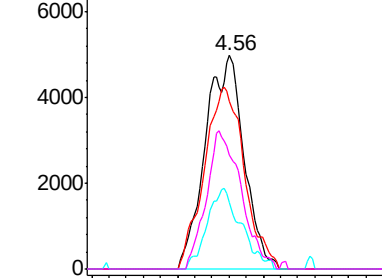


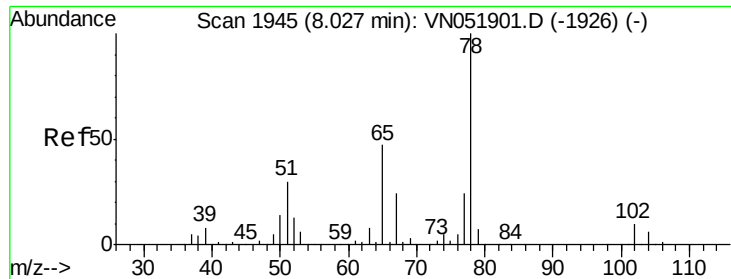
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





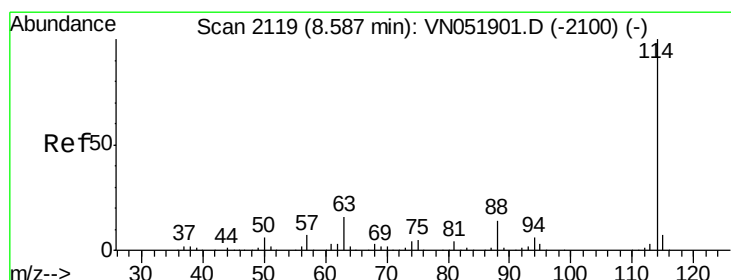
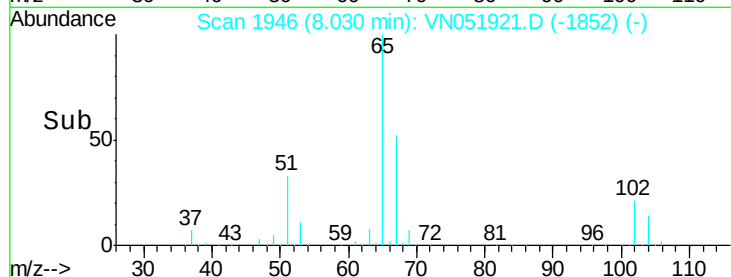
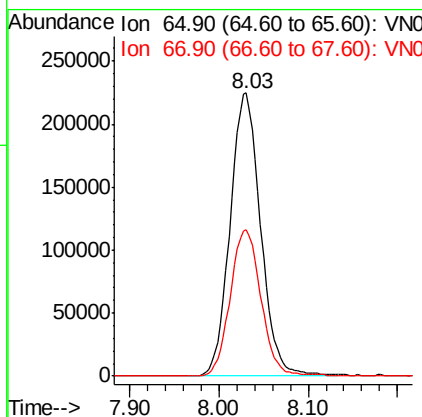
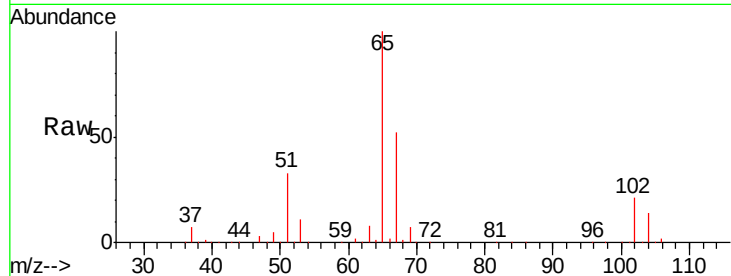
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051921.D
 Acq: 18 Oct 2018 17:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#02

Tgt Ion: 65 Resp: 533658
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0

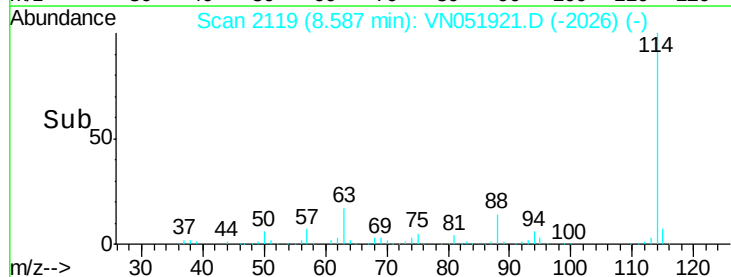
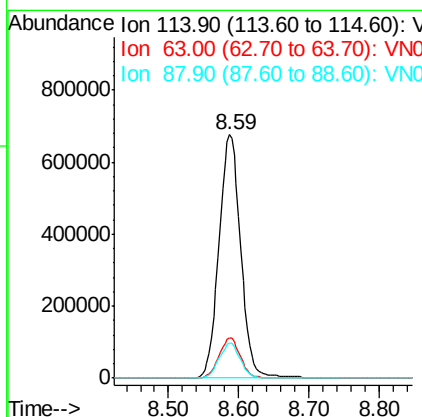
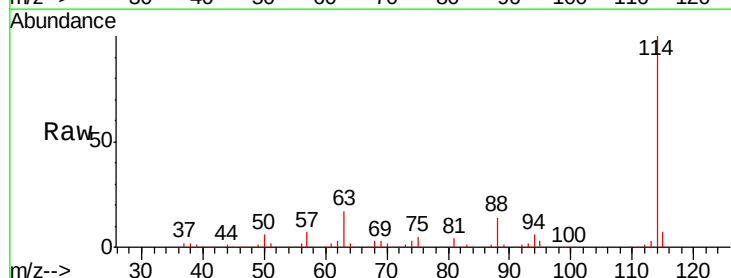
Manual Integrations
 APPROVED

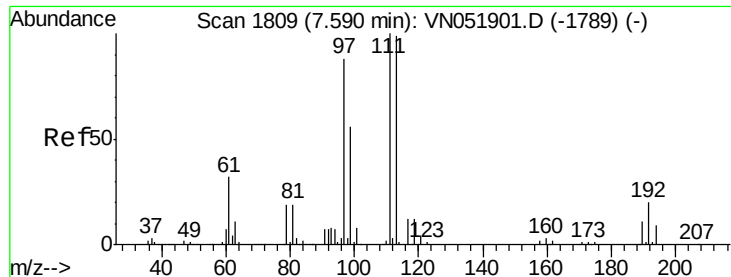
MMDadoda
 10/19/2018 4:37:58 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051921.D
 Acq: 18 Oct 2018 17:21

Tgt Ion: 114 Resp: 1452967
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 31.8
 88 14.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051921.D

Acq: 18 Oct 2018 17:21

Instrument :

MSVOA_N

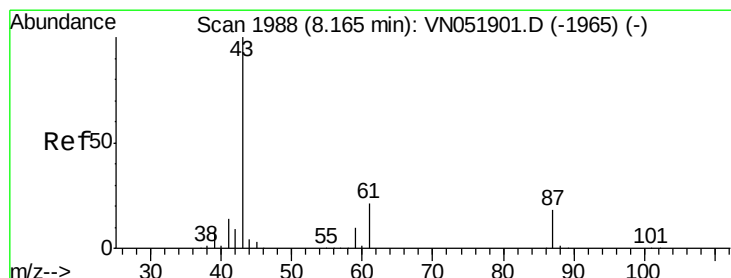
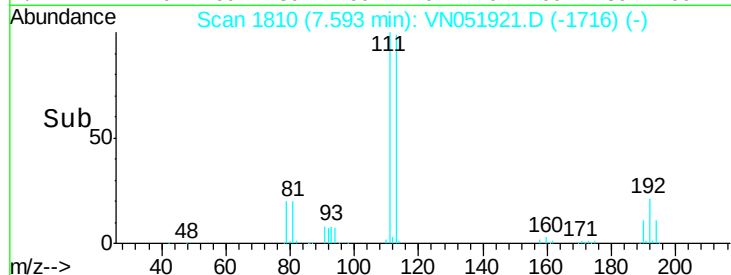
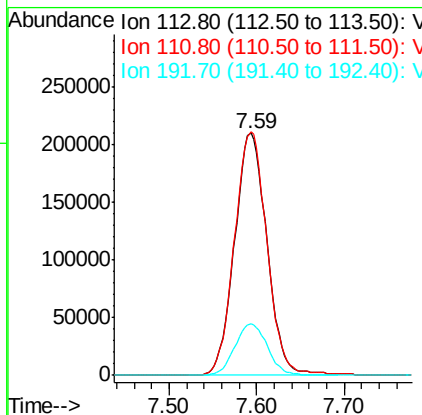
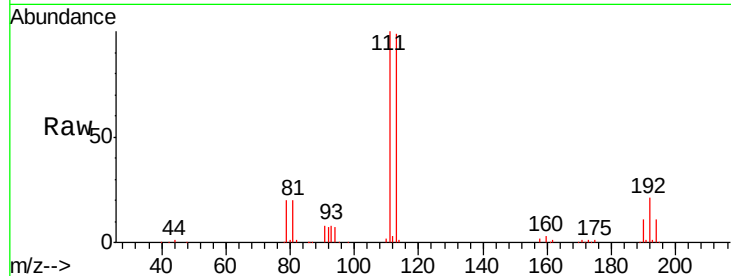
ClientSampleId :

PB113908ZHE#02

Tgt Ion:	113	Resp:	540011
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.6	123.8
192	21.4	17.3	25.9

Manual Integrations
APPROVED

MMDadoda
10/19/2018 4:37:58 PM



#43

Isopropyl Acetate

Concen: 25.81 ug/l

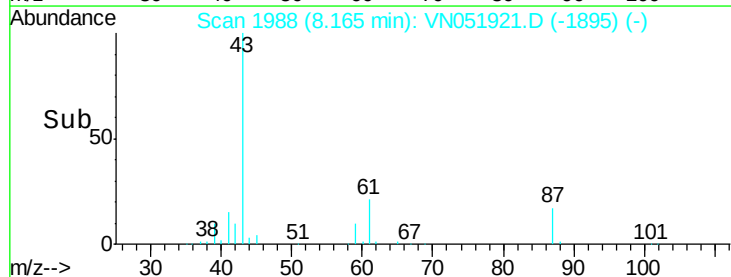
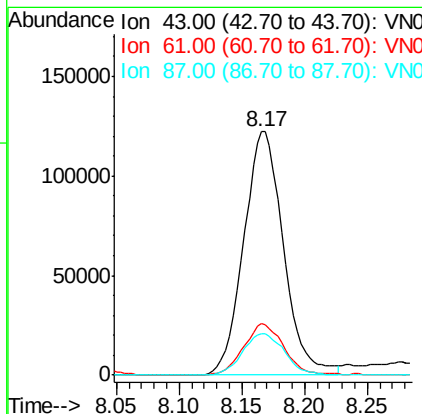
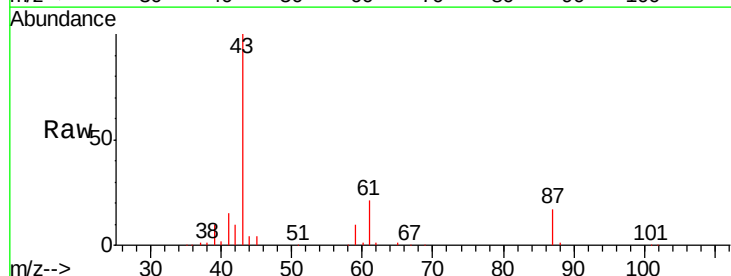
RT: 8.17 min Scan# 1988

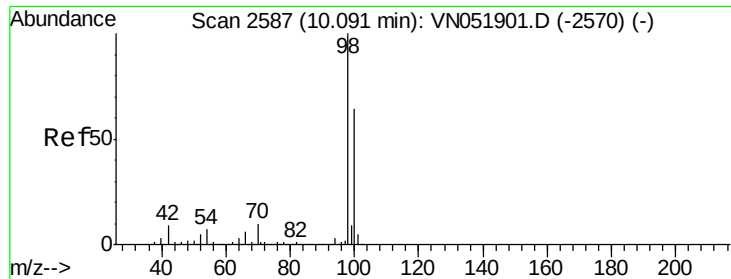
Delta R.T. 0.00 min

Lab File: VN051921.D

Acq: 18 Oct 2018 17:21

Tgt Ion:	43	Resp:	271091
Ion Ratio	Lower	Upper	
43	100		
61	21.2	24.9	37.3#
87	17.9	14.6	22.0





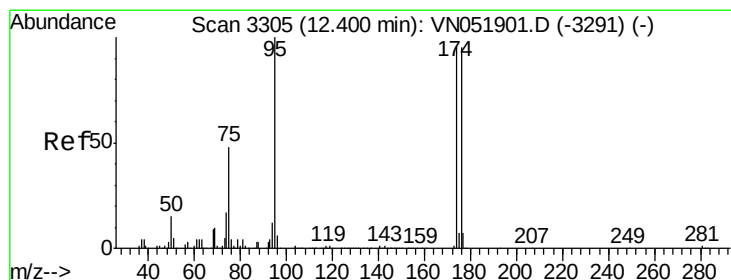
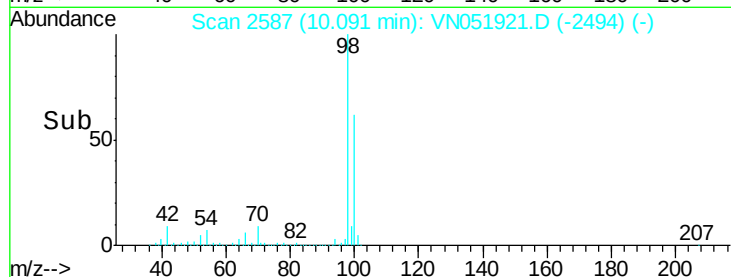
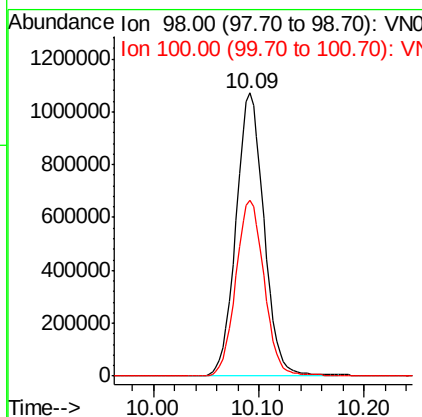
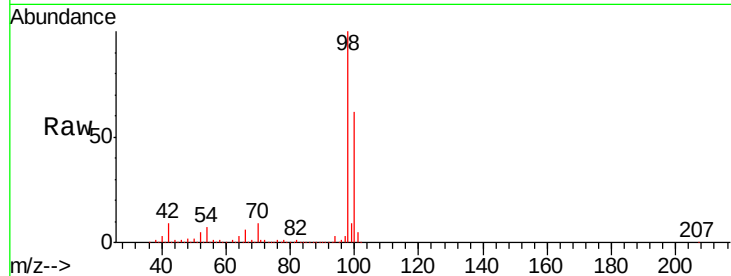
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051921.D
Acq: 18 Oct 2018 17:21

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#02

Tgt Ion: 98 Resp: 1971309
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Manual Integrations
APPROVED

MMDadoda
10/19/2018 4:37:58 PM



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051921.D
Acq: 18 Oct 2018 17:21

Tgt Ion: 95 Resp: 558541
Ion Ratio Lower Upper
95 100
174 96.7 0.0 195.0
176 94.7 0.0 191.4

