

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072618\
 Data File : VN050084.D
 Acq On : 26 Jul 2018 16:01
 Operator : MD\SY
 Sample : J4142-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:15:42 PM

Quant Time: Aug 07 04:22:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	998048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	838873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	352026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	441662	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	7.60	113	393791	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	1354847	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	401528	40.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.40%	
Target Compounds						
19) Methyl tert-butyl Ether	5.06	73	22466m	1.204	ug/l	Qvalue
73) Isopropylbenzene	12.25	105	17461	0.640	ug/l	100
78) n-propylbenzene	12.59	91	26371	0.864	ug/l	97
85) sec-Butylbenzene	13.17	105	28010	1.119	ug/l	86

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

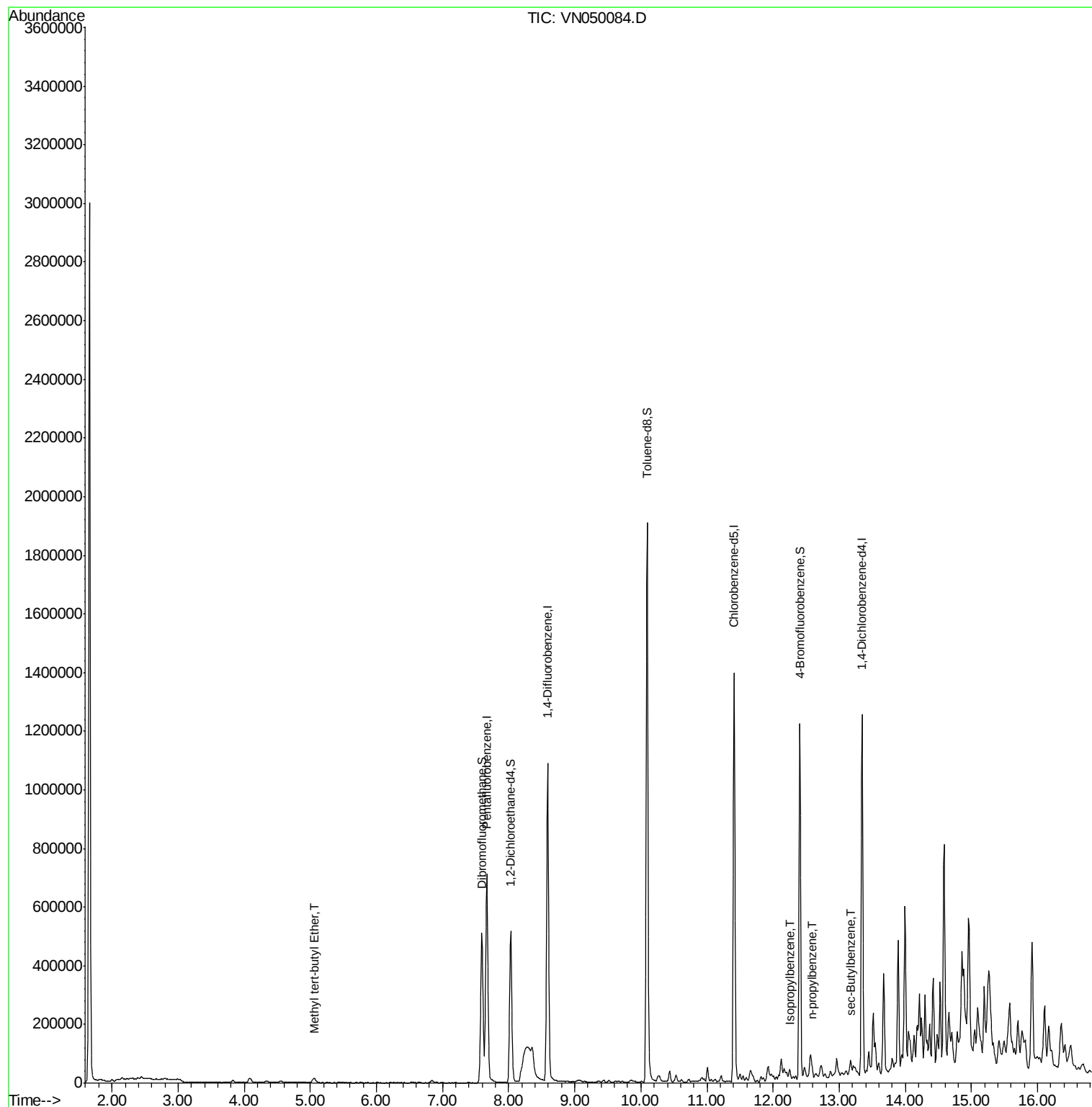
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072618\
Data File : VN050084.D
Acq On : 26 Jul 2018 16:01
Operator : MD\SY
Sample : J4142-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

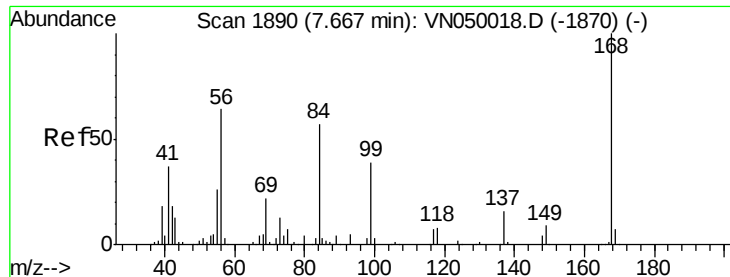
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Manual Integrations
APPROVED

MMDadoda
7/27/2018 12:15:42 PM

Quant Time: Aug 07 04:22:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tgt Ion: 168 Resp: 607603

Ion Ratio Lower Upper

168 100

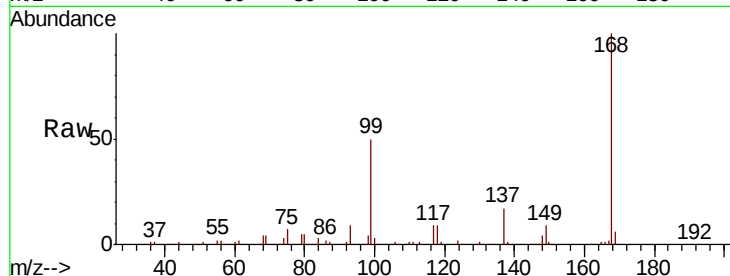
99 50.5 40.0 60.0

Manual Integrations

APPROVED

MMDadoda

7/27/2018 12:15:42 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

300000

250000

200000

150000

100000

50000

0

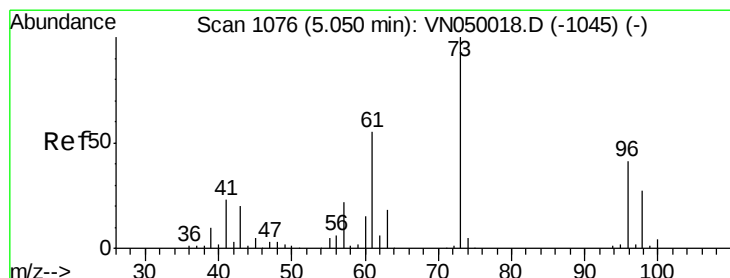
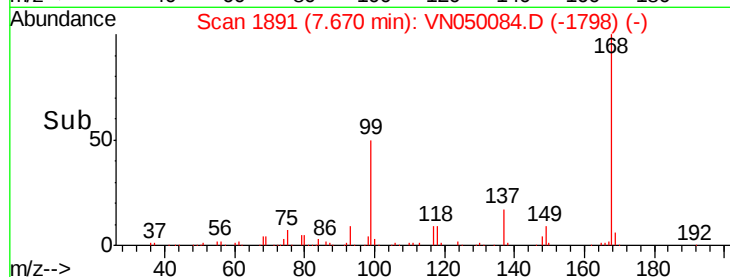
7.67

7.60

7.70

7.80

Time-->



#19

Methyl tert-butyl Ether

Concen: 1.204 ug/l m

RT: 5.06 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VN050084.D

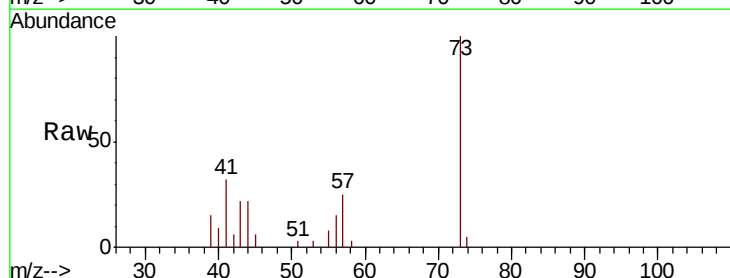
Acq: 26 Jul 2018 16:01

Tgt Ion: 73 Resp: 22466

Ion Ratio Lower Upper

73 100

57 25.4 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

6000

4000

2000

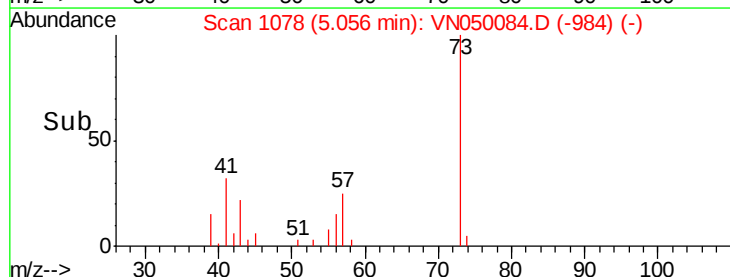
0

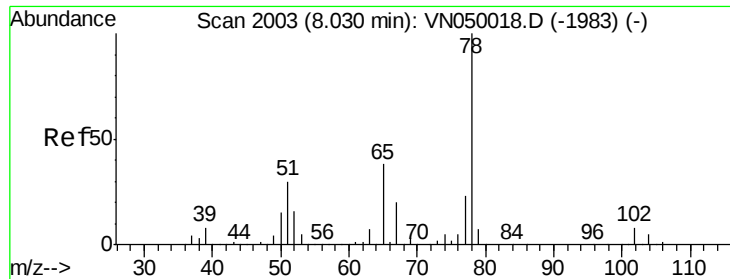
5.06

5.00

5.10

Time-->





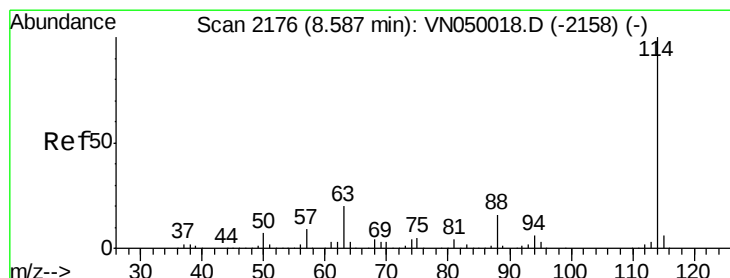
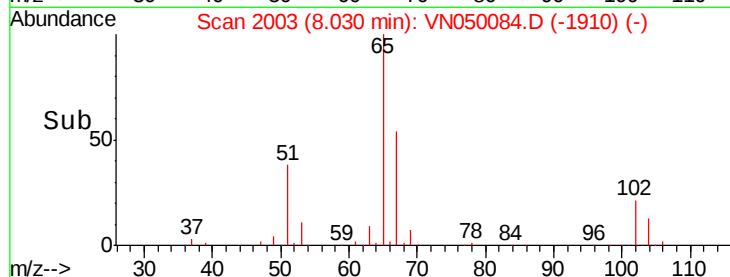
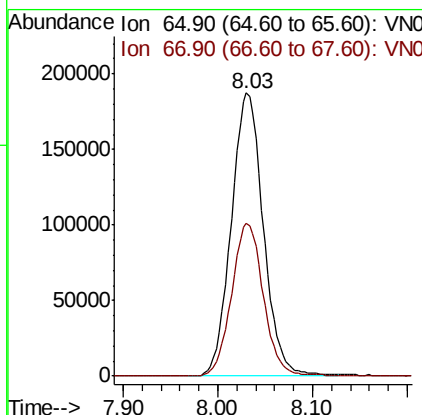
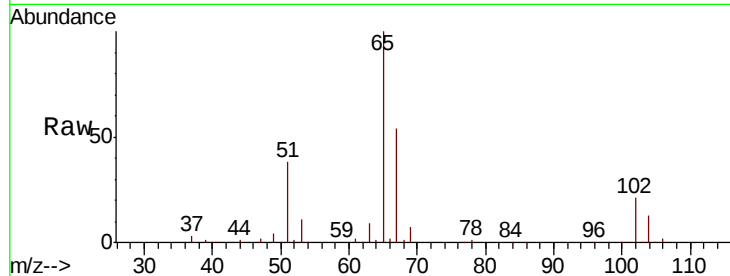
#33
 1,2-Dichloroethane-d4
 Concen: 52.098 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

Tgt Ion: 65 Resp: 441662
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4

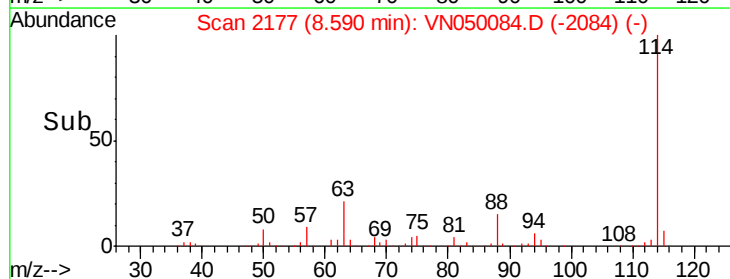
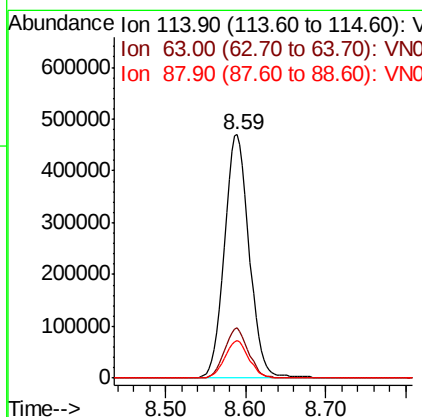
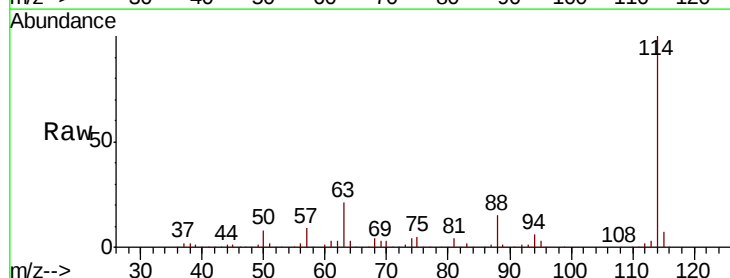
Manual Integrations
 APPROVED

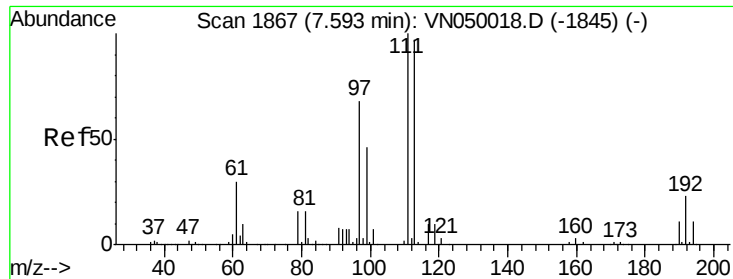
MMDadoda
 7/27/2018 12:15:42 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Tgt Ion: 114 Resp: 998048
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.3 0.0 31.2





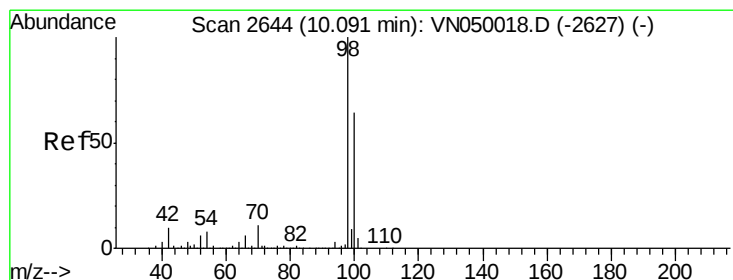
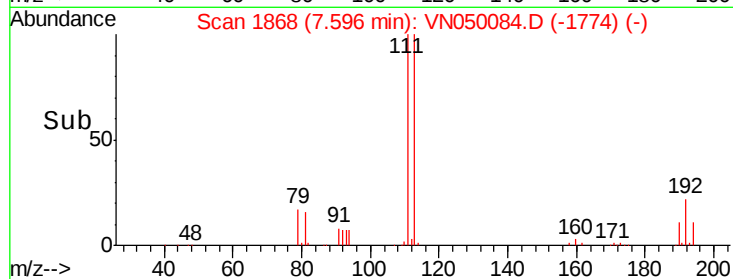
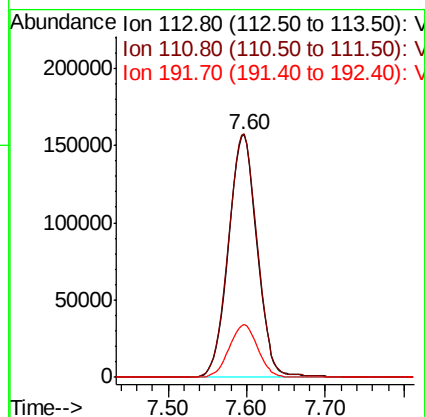
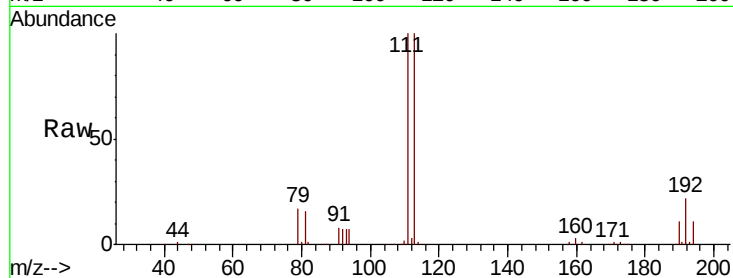
#35
 Dibromofluoromethane
 Concen: 48.325 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	393791		
111	101.1	80.7	121.1	
192	21.8	17.8	26.6	

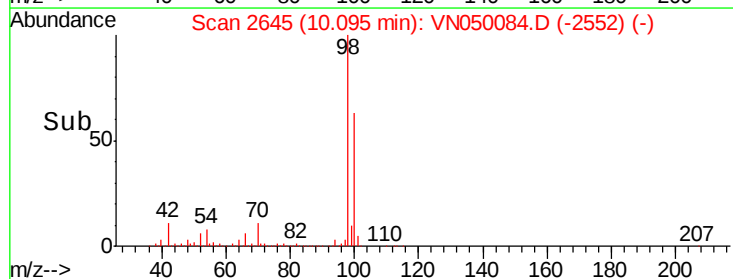
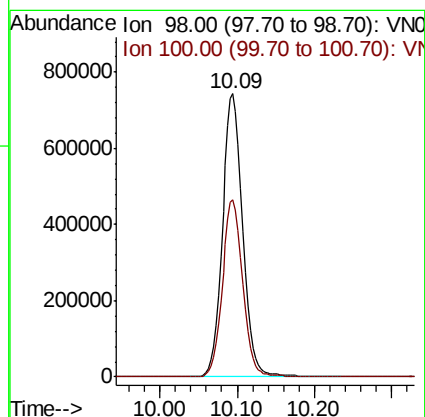
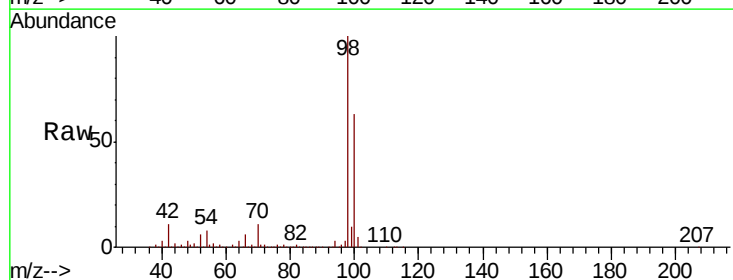
Manual Integrations
 APPROVED

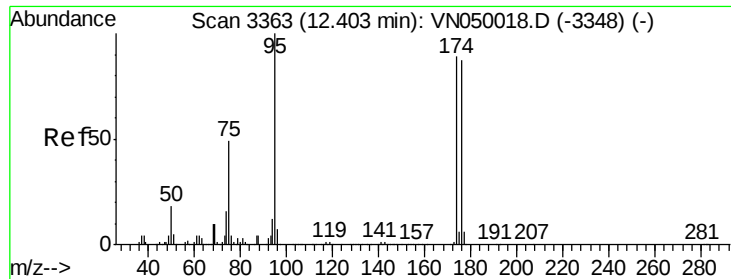
MMDadoda
 7/27/2018 12:15:42 PM



#50
 Toluene-d8
 Concen: 45.224 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050084.D
 Acq: 26 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1354847		
100	63.0	50.7	76.1	





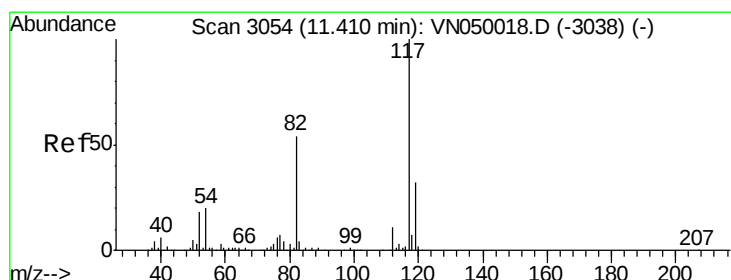
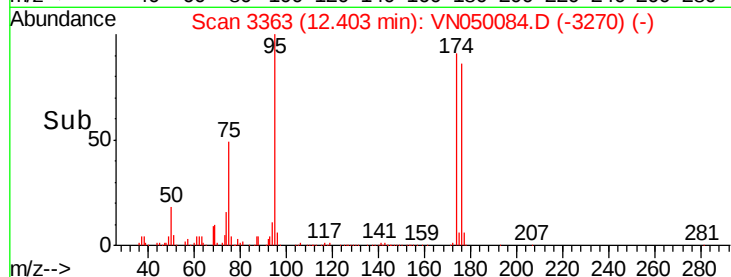
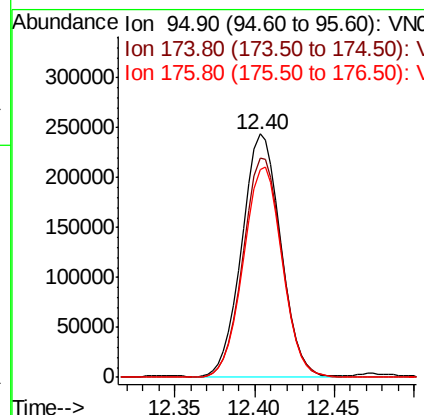
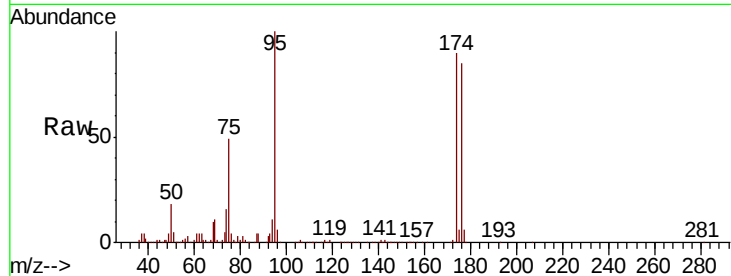
#62
4-Bromofluorobenzene
Concen: 40.704 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	178.2
176	87.3	0.0	173.4

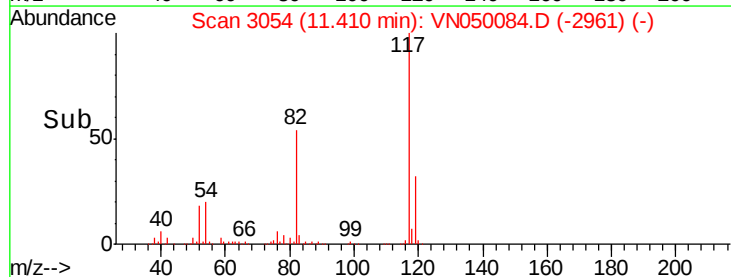
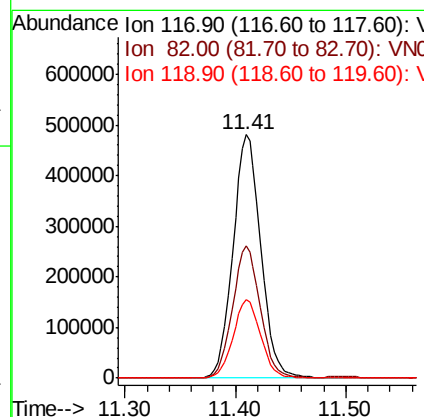
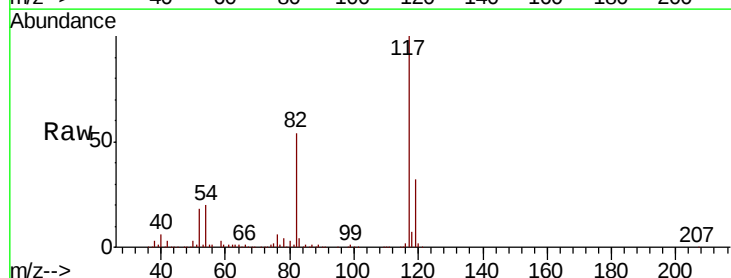
Manual Integrations
APPROVED

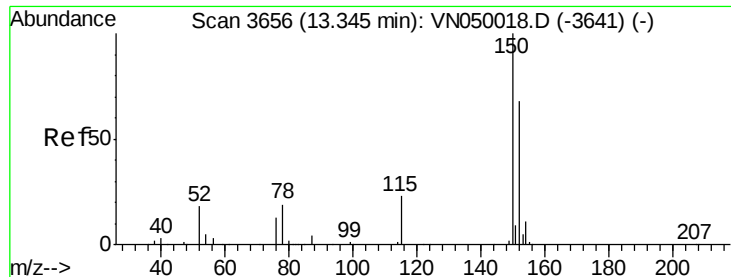
MMDadoda
7/27/2018 12:15:42 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	32.1	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

MW-4

Tgt Ion:152 Resp: 352026
Ion Ratio Lower Upper

152 100

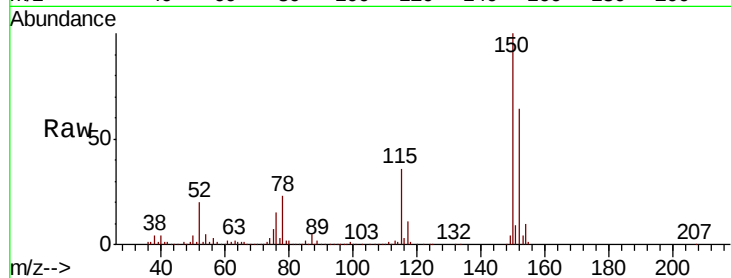
115 55.7 27.8 83.3

150 155.5 0.0 348.6

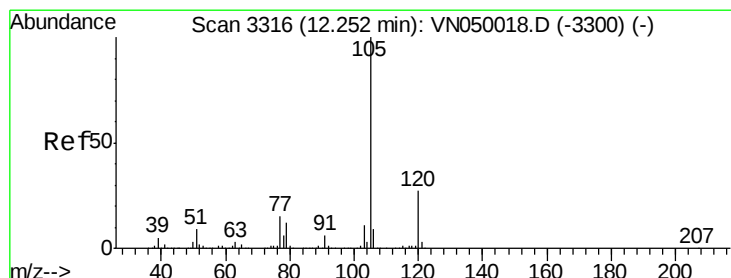
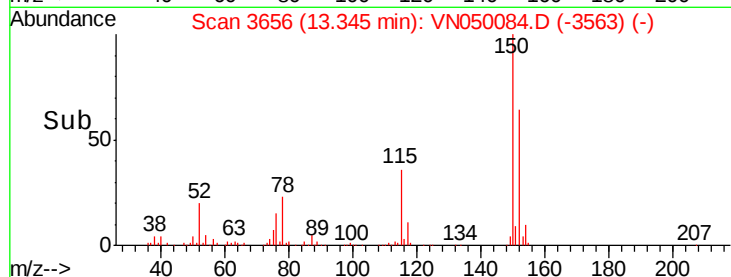
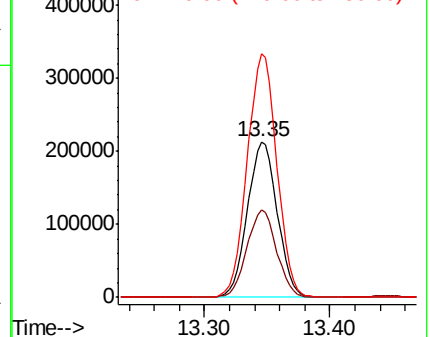
Manual Integrations
APPROVED

MMDadoda

7/27/2018 12:15:42 PM



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



#73

Isopropylbenzene

Concen: 0.640 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

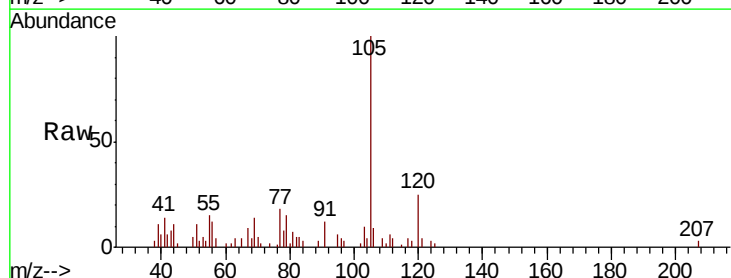
Lab File: VN050084.D

Acq: 26 Jul 2018 16:01

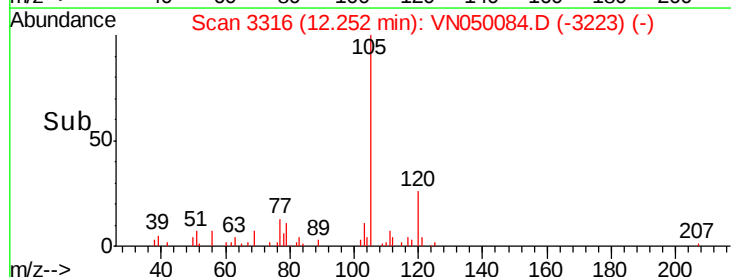
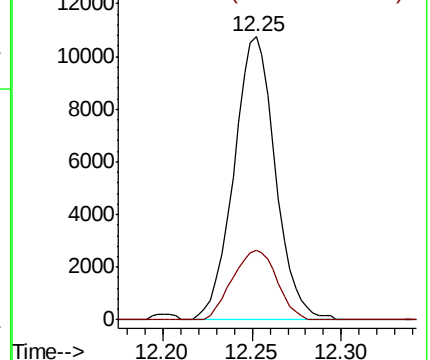
Tgt Ion:105 Resp: 17461
Ion Ratio Lower Upper

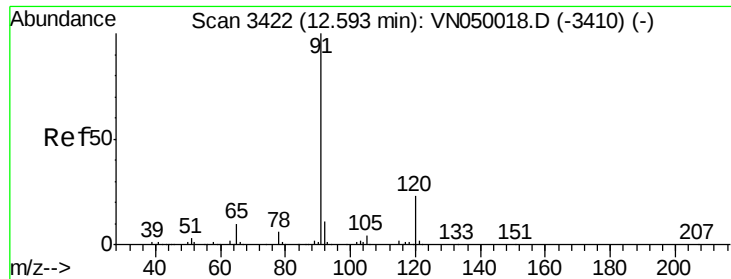
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





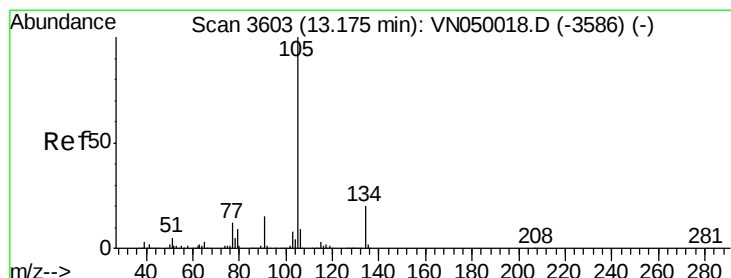
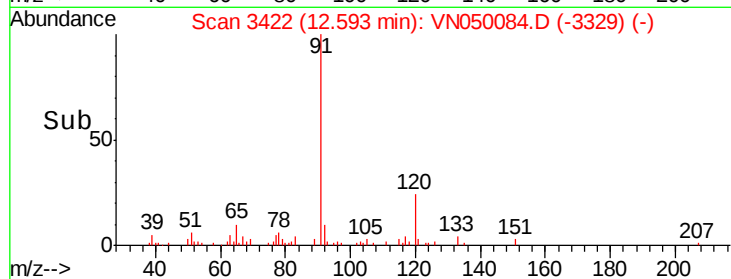
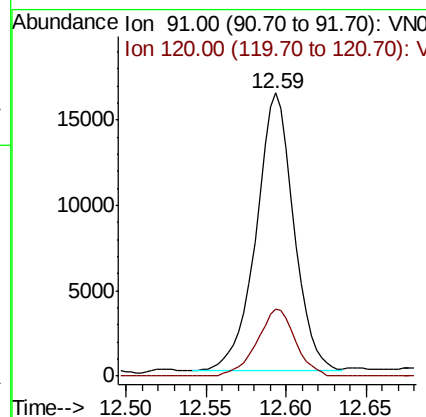
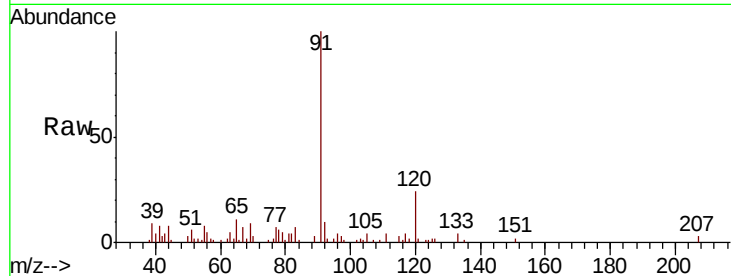
#78
n-propylbenzene
Concen: 0.864 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tgt Ion: 91 Resp: 26371
Ion Ratio Lower Upper
91 100
120 24.6 11.6 34.7

Manual Integrations
APPROVED

MMDadoda
7/27/2018 12:15:42 PM



#85
sec-Butylbenzene
Concen: 1.119 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050084.D
Acq: 26 Jul 2018 16:01

Tgt Ion: 105 Resp: 28010
Ion Ratio Lower Upper
105 100
134 26.8 10.1 30.1

