

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050468.D
 Acq On : 8 Aug 2018 18:57
 Operator : MD\SY
 Sample : J4380-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 1:32:16 PM

Quant Time: Aug 09 09:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	806596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1248072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	438254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	507941	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
35) Dibromofluoromethane	7.59	113	468062	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	10.09	98	1700421	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.40	95	498866	38.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.74%	
Target Compounds						
16) Acetone	3.82	43	22151	6.54	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	59148	2.39	ug/l	99
22) Diisopropyl ether	5.95	45	36473m	1.27	ug/l	

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

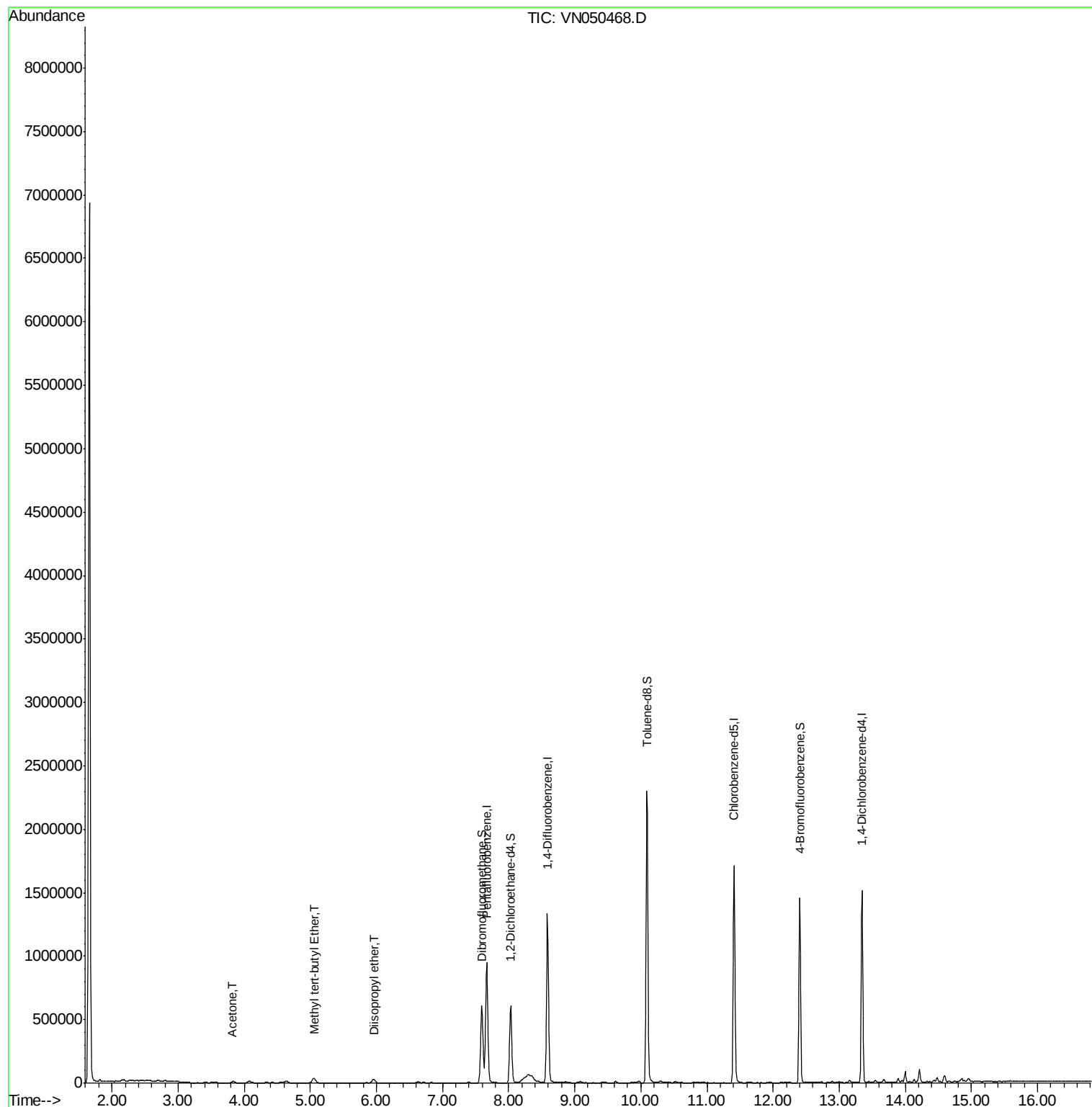
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
Data File : VN050468.D
Acq On : 8 Aug 2018 18:57
Operator : MD\SY
Sample : J4380-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

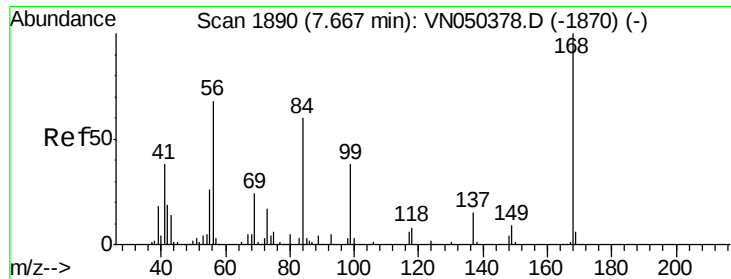
Instrument :
MSVOA_N
ClientSampleId :
MW-37

Manual Integrations
APPROVED

MMDadoda
8/9/2018 1:32:16 PM

Quant Time: Aug 09 09:44:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

Tot Ion:168 Resp: 806596

Ion Ratio Lower Upper

168 100

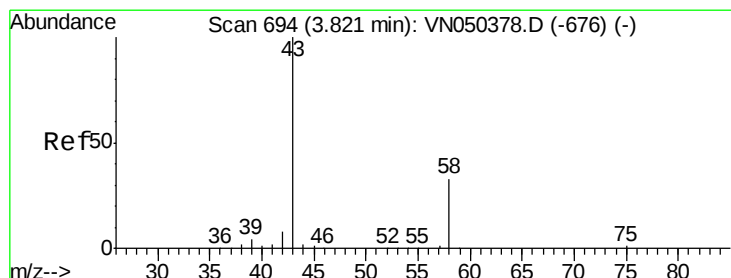
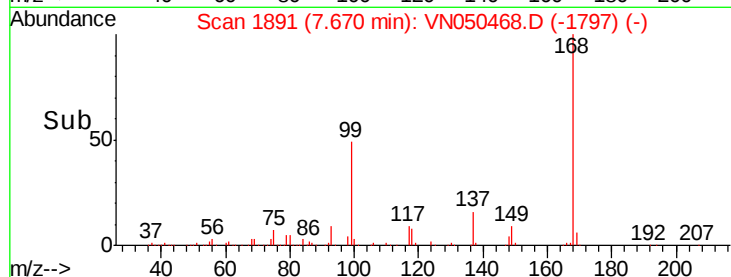
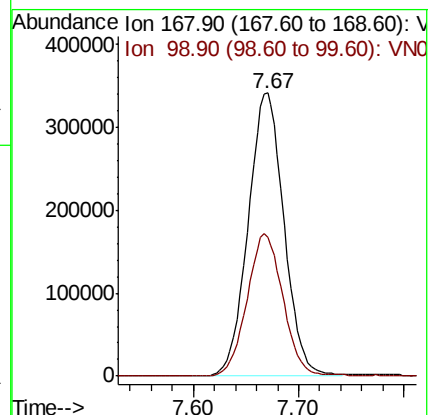
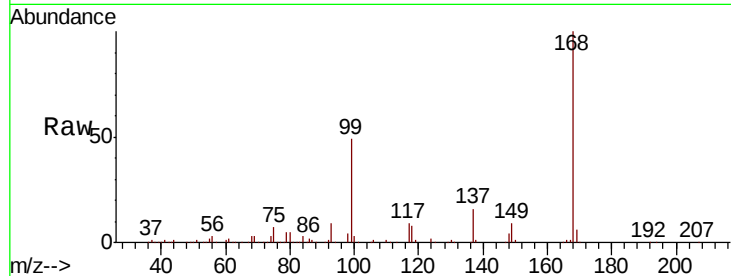
99 49.2 40.0 60.0

Manual Integrations

APPROVED

MMDadoda

8/9/2018 1:32:16 PM



#16

Acetone

Concen: 6.54 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050468.D

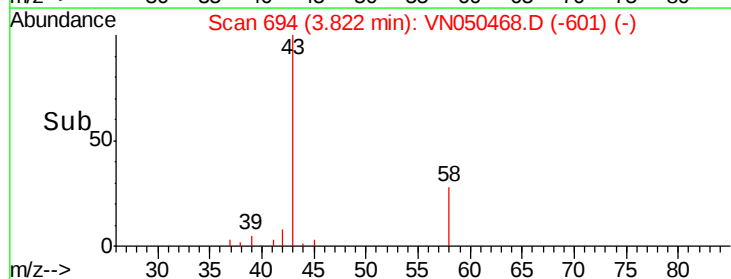
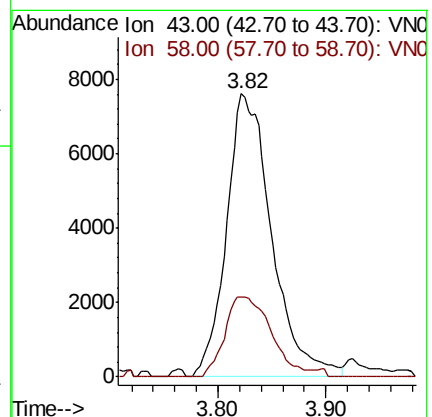
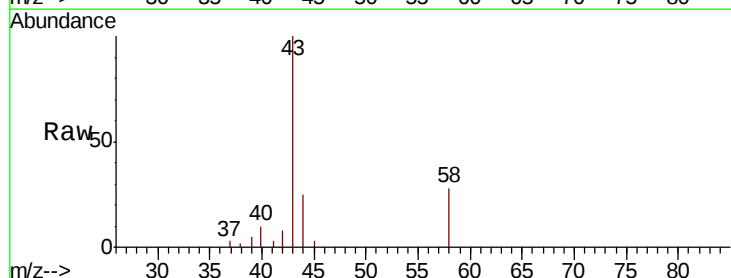
Acq: 8 Aug 2018 18:57

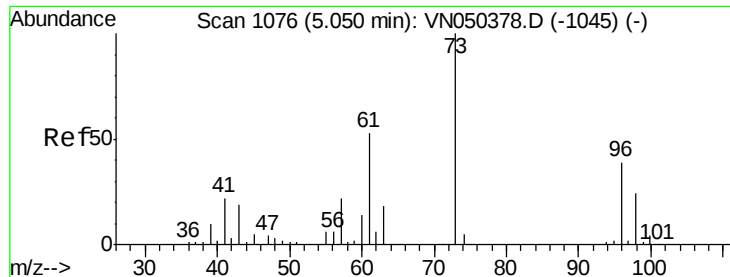
Tgt Ion: 43 Resp: 22151

Ion Ratio Lower Upper

43 100

58 28.1 25.8 38.8





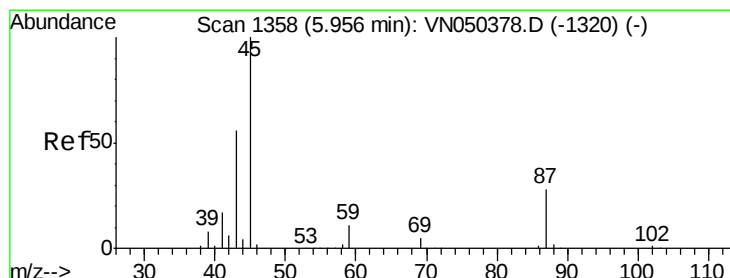
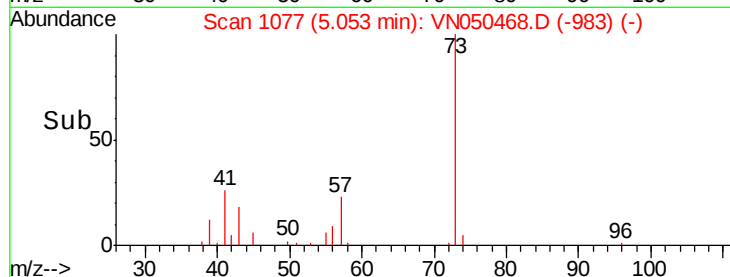
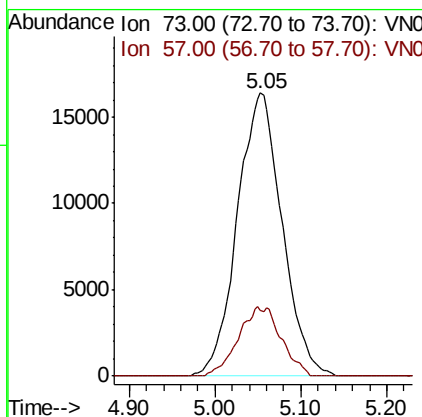
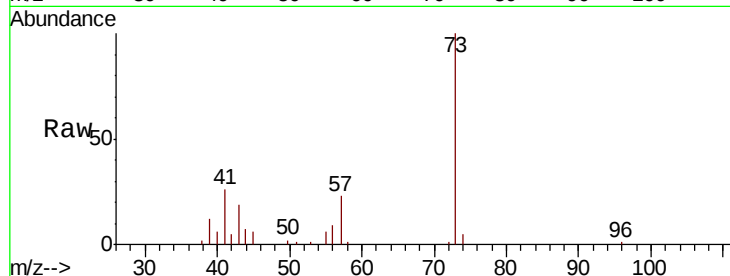
#19
Methyl tert-butyl Ether
Concen: 2.39 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Instrument :
MSVOA_N
ClientSampled :
MW-37

Tot Ion: 73 Resp: 59148
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

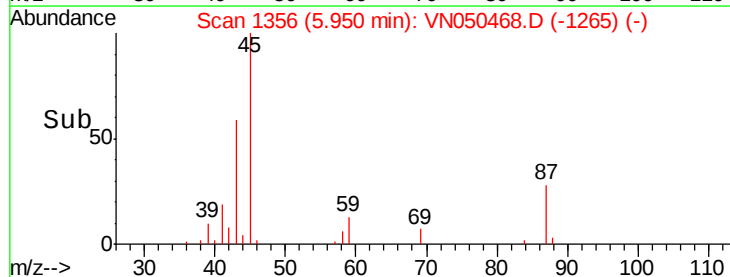
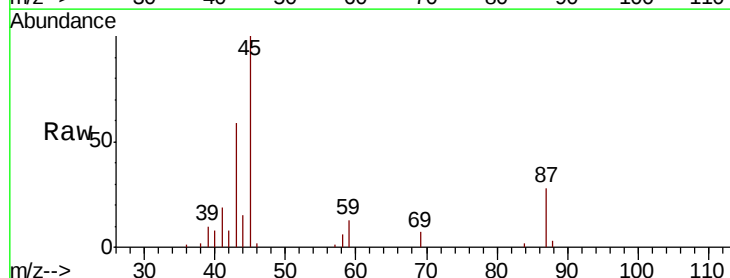
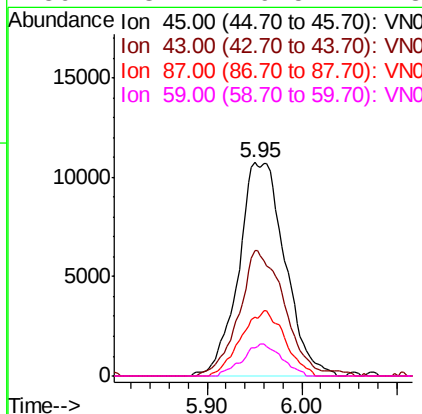
Manual Integrations
APPROVED

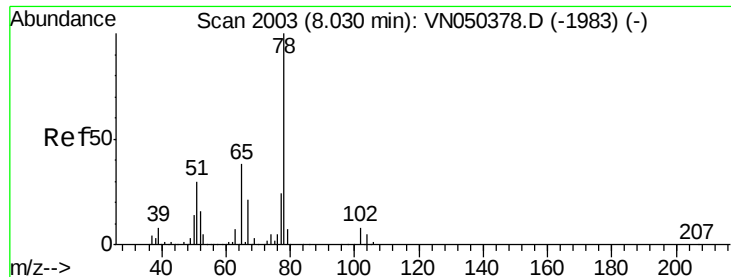
MMDadoda
8/9/2018 1:32:16 PM



#22
Diisopropyl ether
Concen: 1.27 ug/l m
RT: 5.95 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VN050468.D
Acq: 8 Aug 2018 18:57

Tgt Ion: 45 Resp: 36473
Ion Ratio Lower Upper
45 100
43 59.0 45.7 68.5
87 27.9 22.7 34.1
59 13.4 9.5 14.3





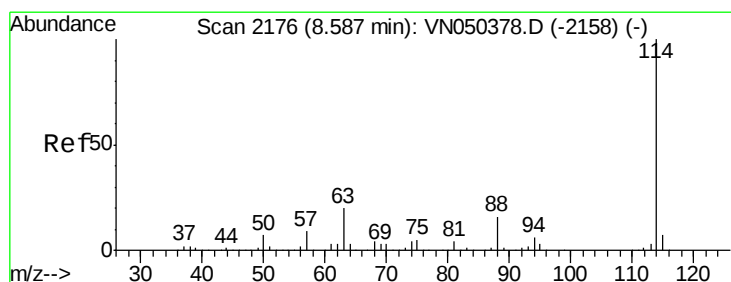
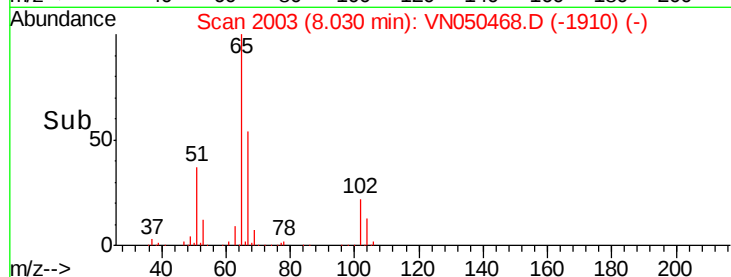
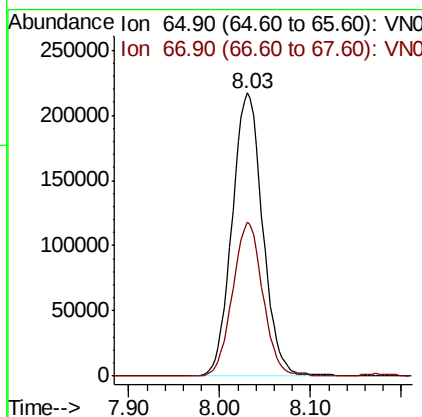
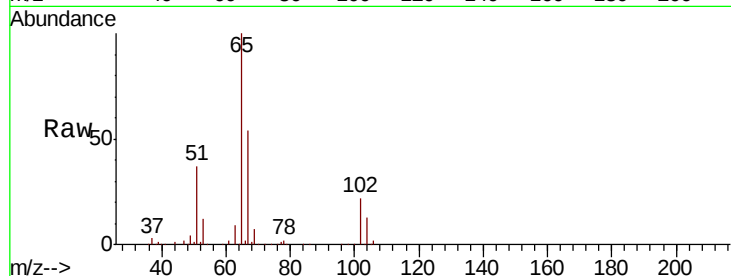
#33
 1,2-Dichloroethane-d4
 Concen: 47.13 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Tot Ion	Ratio	Resp	Lower	Upper
65	100	507941		
67	53.6	0.0	108.4	

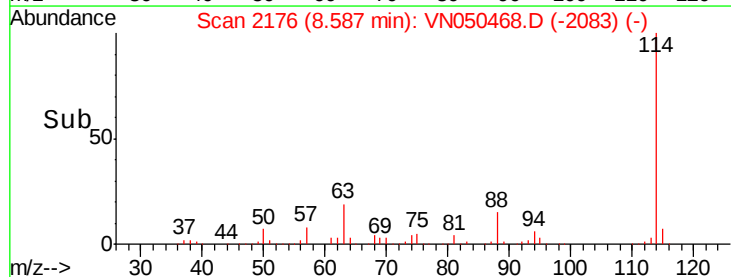
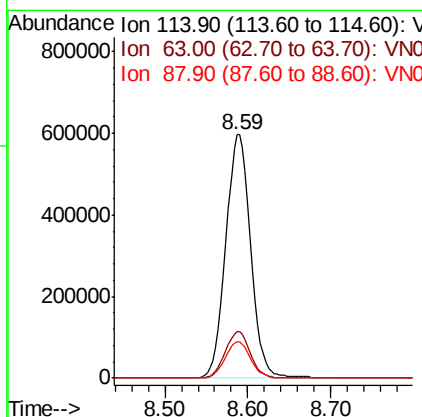
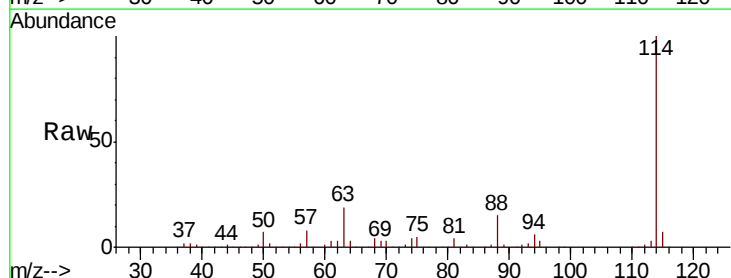
Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 1:32:16 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1248072		
63	19.3	0.0	40.0	
88	15.1	0.0	31.2	





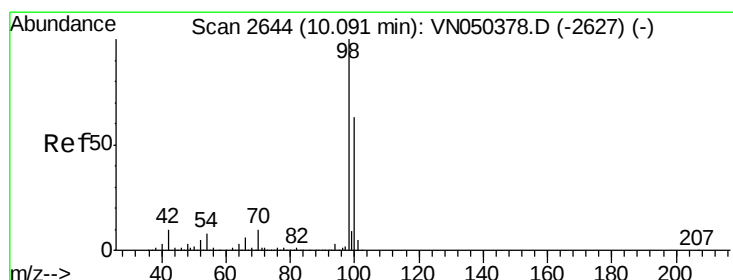
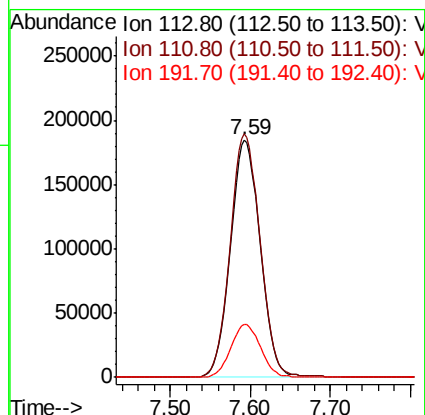
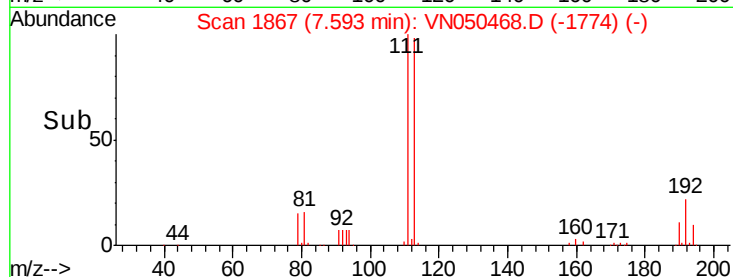
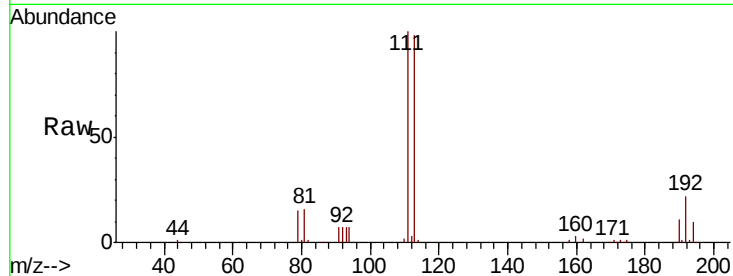
#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-37

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	22.2	17.8	26.6

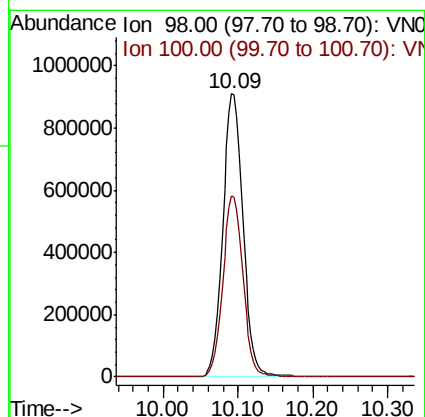
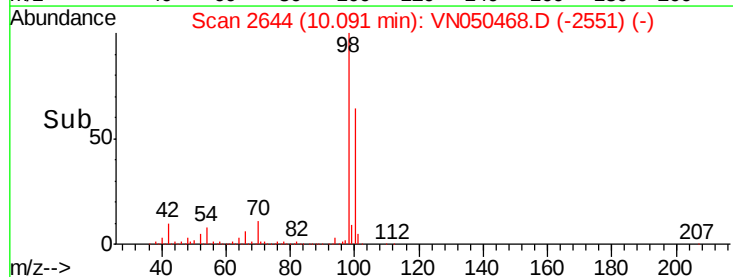
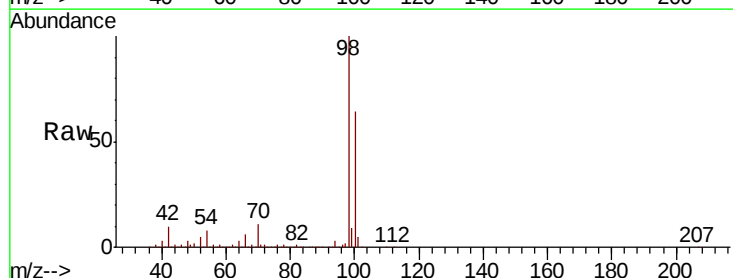
Manual Integrations
 APPROVED

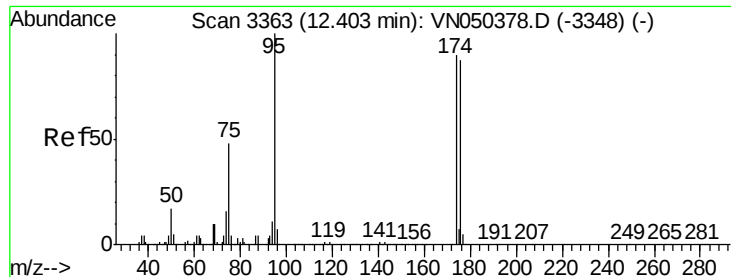
MMDadoda
 8/9/2018 1:32:16 PM



#50
 Toluene-d8
 Concen: 45.16 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050468.D
 Acq: 8 Aug 2018 18:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 38.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

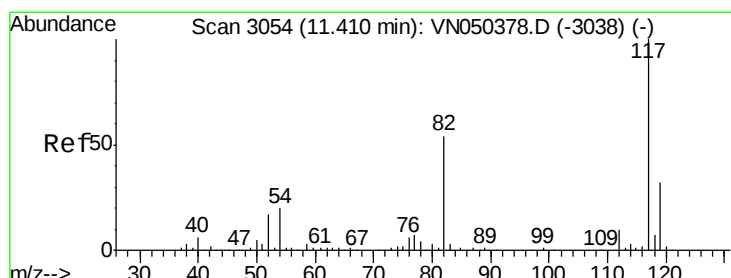
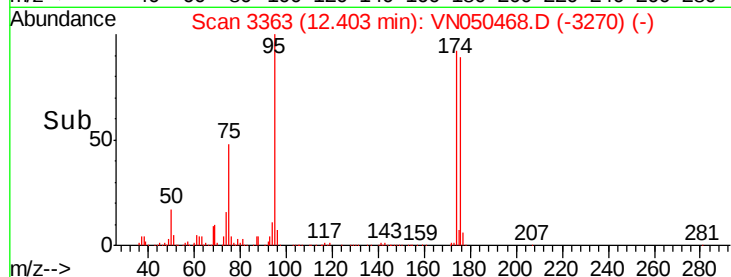
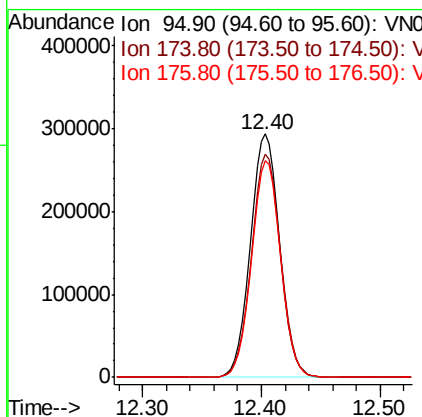
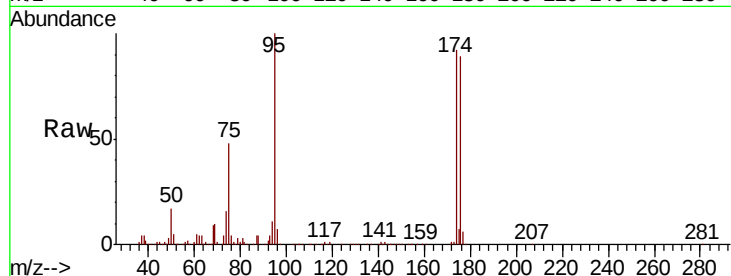
ClientSampled :

MW-37

Tot Ion:	95	Resp:	498866
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	178.2
176	88.3	0.0	173.4

Manual Integrations
APPROVED

MMDadoda
8/9/2018 1:32:16 PM



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

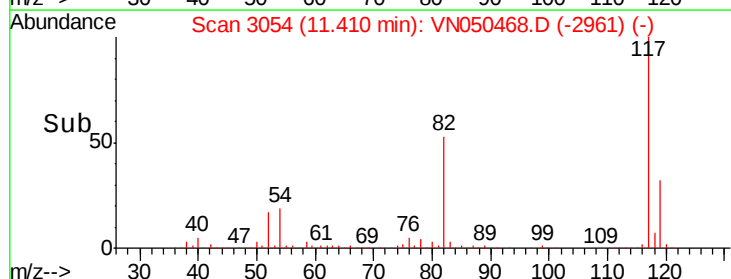
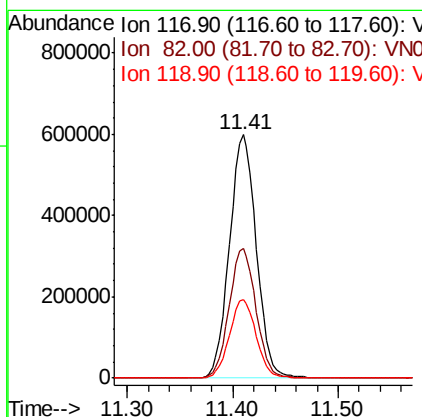
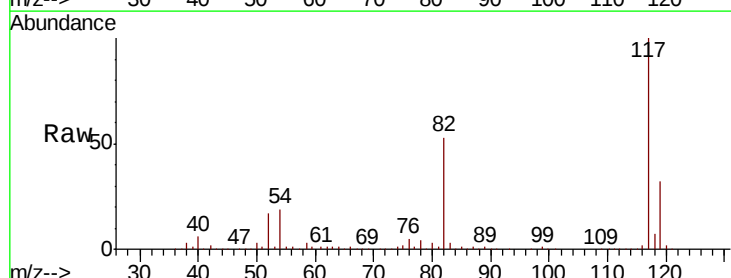
RT: 11.41 min Scan# 3054

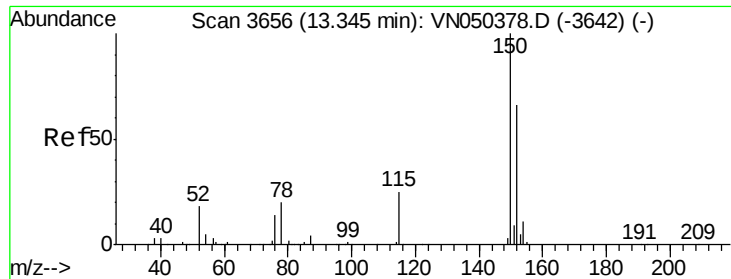
Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Tgt Ion:	117	Resp:	1053237
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.7	65.5
119	32.4	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050468.D

Acq: 8 Aug 2018 18:57

Instrument :

MSVOA_N

ClientSampleId :

MW-37

Tot Ion	Ratio	Resp	Lower	Upper
152	100	438254		
115	55.8	27.8	83.3	
150	157.1	0.0	348.6	

Manual Integrations
APPROVED

MMDadoda
8/9/2018 1:32:16 PM

