

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053539.D
 Acq On : 28 Jan 2019 12:21
 Operator : JC/SP
 Sample : K1256-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 50140

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 9:52:28 AM

Quant Time: Jan 29 07:11:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	859277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1346460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1206496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	517223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	435305	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	422591	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
50) Toluene-d8	10.09	98	1613982	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	541460	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.78	59	7897m	19.002	ug/l	
16) Acetone	3.81	43	133323	66.908	ug/l	100
18) Methyl Acetate	4.34	43	8029	1.196	ug/l	96
25) 2-Butanone	6.83	43	9353	3.046	ug/l #	83
40) Benzene	8.04	78	81216	2.180	ug/l	98
52) Toluene	10.16	92	116871	5.052	ug/l	100
68) m/p-Xylenes	11.62	106	42968	2.615	ug/l	98
69) o-Xylene	11.95	106	18426	1.154	ug/l	96
95) Naphthalene	15.13	128	16585	5.161	ug/l	100

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

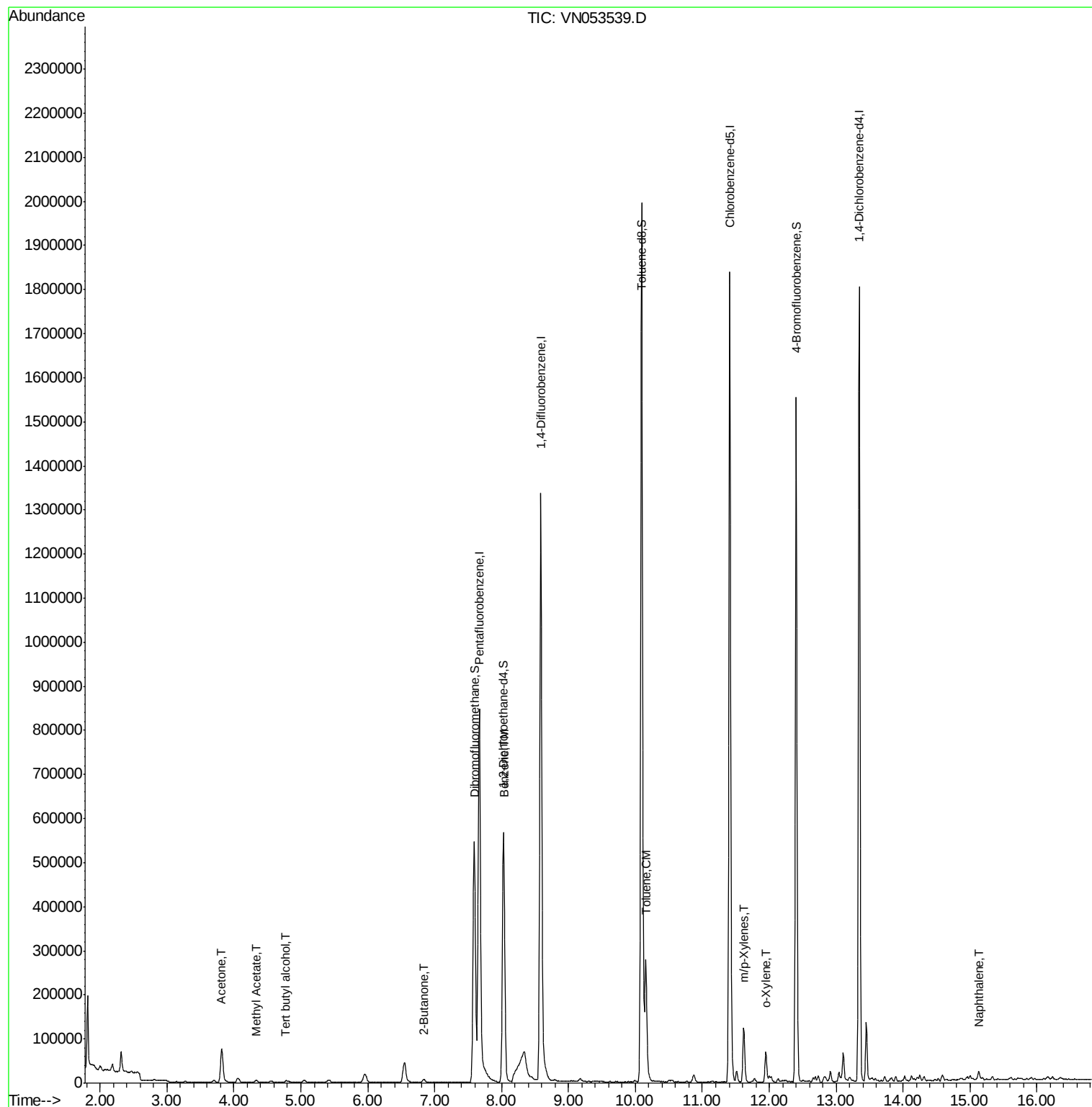
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053539.D
Acq On : 28 Jan 2019 12:21
Operator : JC/SP
Sample : K1256-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

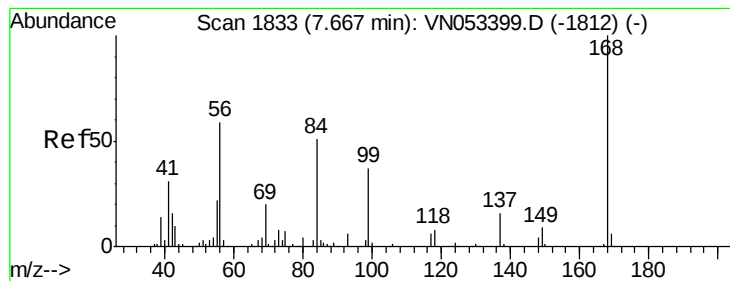
Instrument :
MSVOA_N
ClientSampleId :
50140

Manual Integrations
APPROVED

MMDadoda
1/29/2019 9:52:28 AM

Quant Time: Jan 29 07:11:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

Tot Ion:168 Resp: 859277

Ion Ratio Lower Upper

168 100

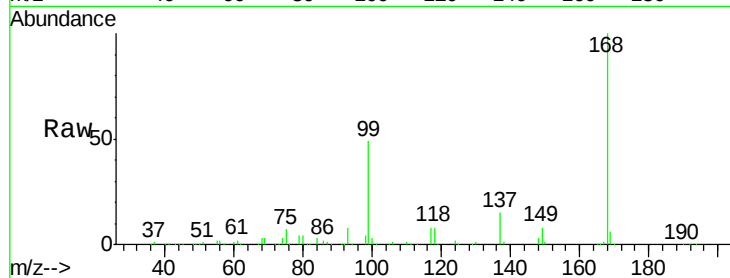
99 48.5 39.1 58.7

Manual Integrations

APPROVED

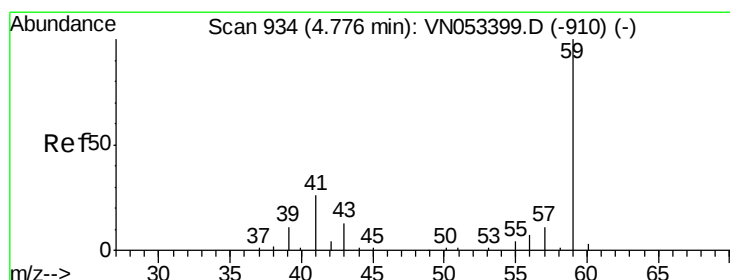
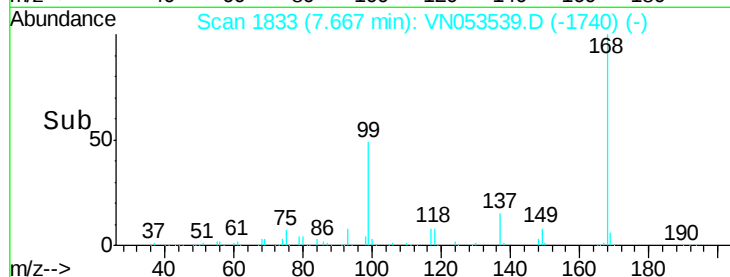
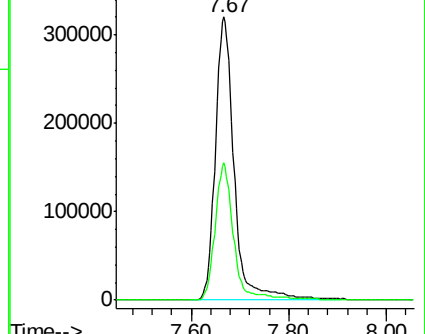
MMDadoda

1/29/2019 9:52:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 19.002 ug/l m

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN053539.D

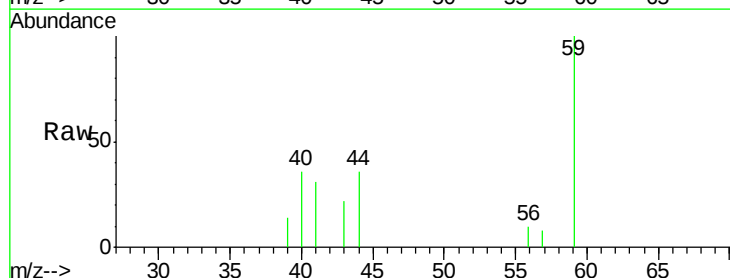
Acq: 28 Jan 2019 12:21

Tgt Ion: 59 Resp: 7897

Ion Ratio Lower Upper

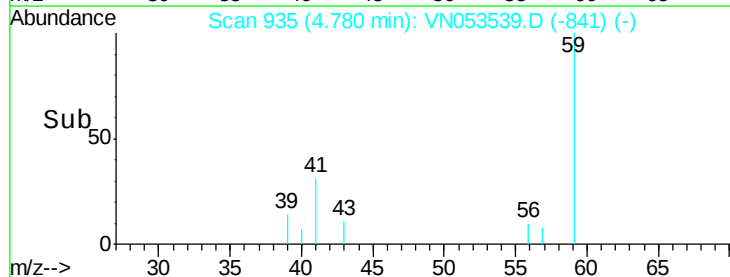
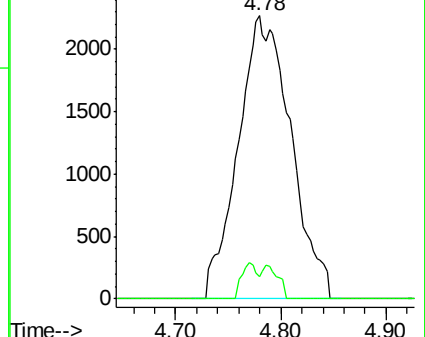
59 100

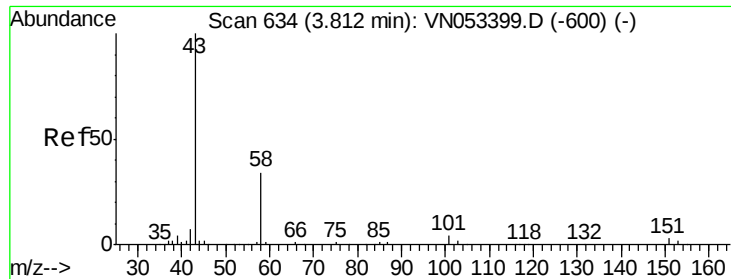
57 3.6 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 66.908 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

Tot Ion: 43 Resp: 133323

Ion Ratio Lower Upper

43 100

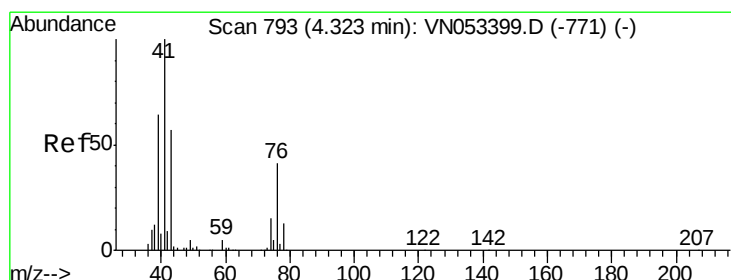
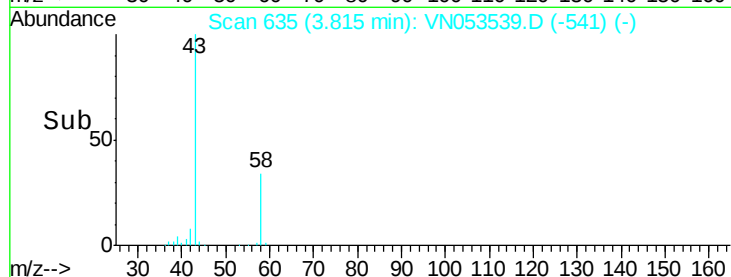
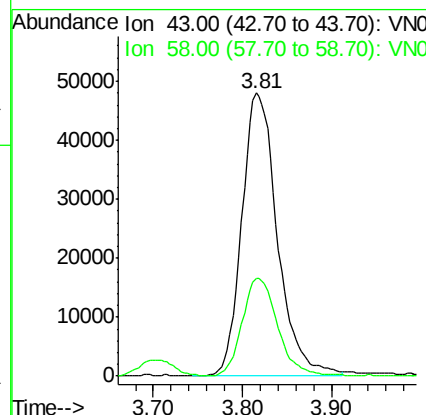
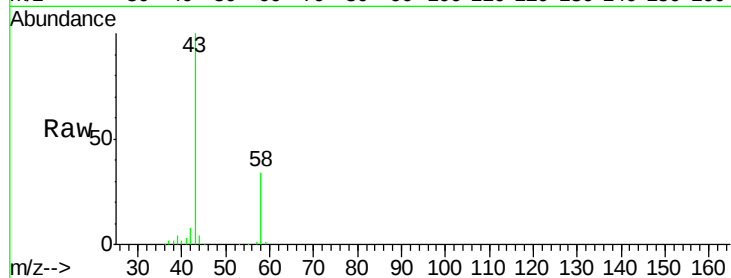
58 33.8 27.1 40.7

Manual Integrations

APPROVED

MMDadoda

1/29/2019 9:52:28 AM



#18

Methyl Acetate

Concen: 1.196 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053539.D

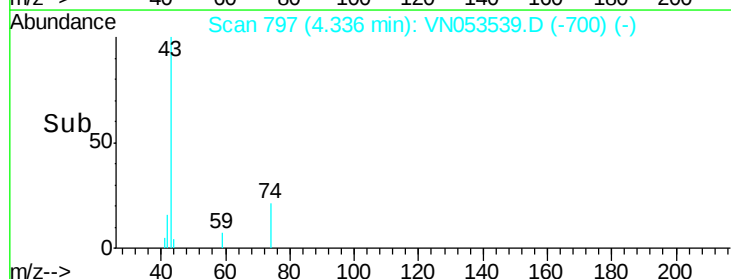
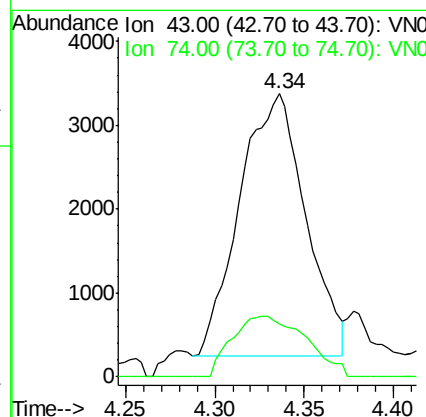
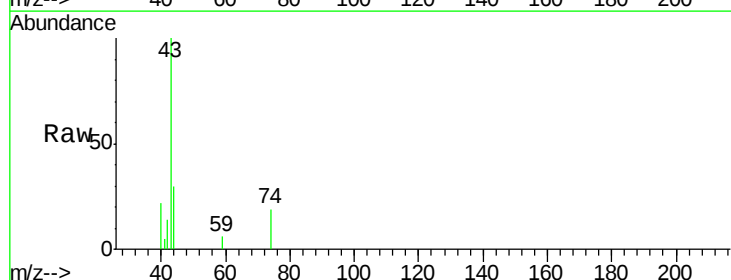
Acq: 28 Jan 2019 12:21

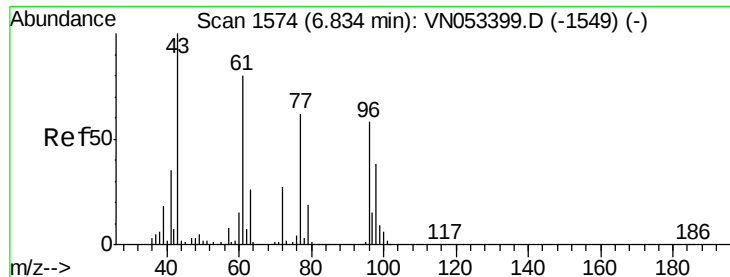
Tgt Ion: 43 Resp: 8029

Ion Ratio Lower Upper

43 100

74 26.1 19.4 29.2





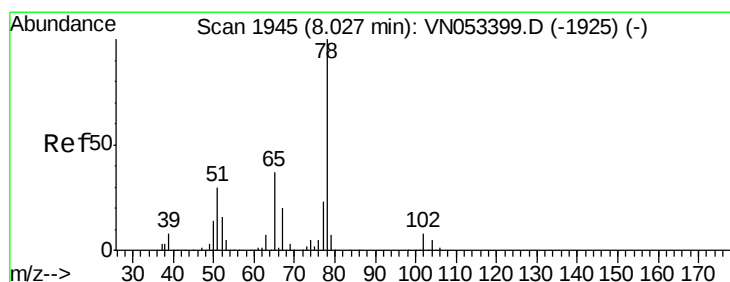
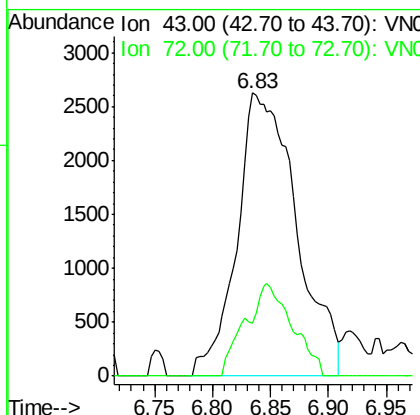
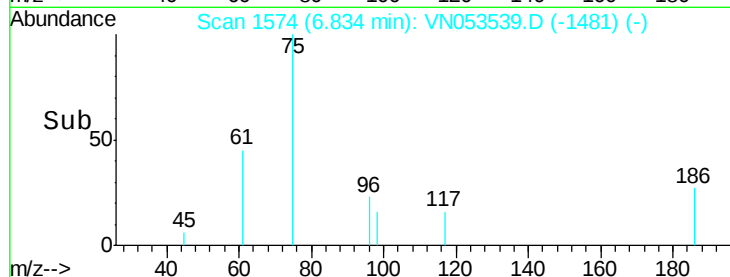
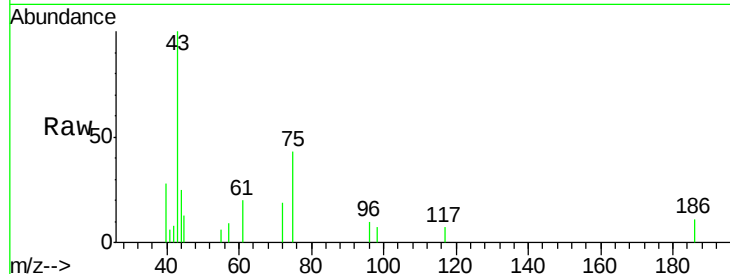
#25
2-Butanone
Concen: 3.046 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Instrument :
MSVOA_N
ClientSampleId :
50140

Tot Ion: 43 Resp: 9353
Ion Ratio Lower Upper
43 100
72 18.6 22.0 33.0#

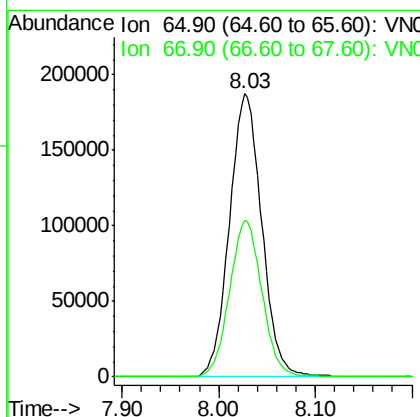
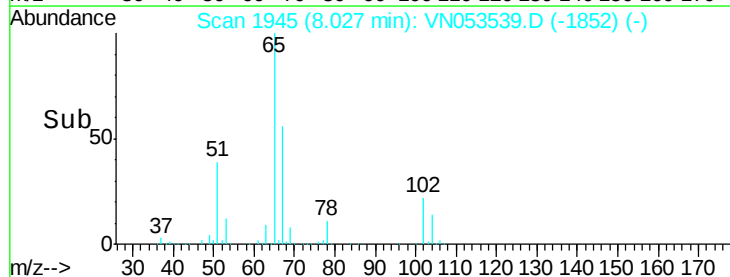
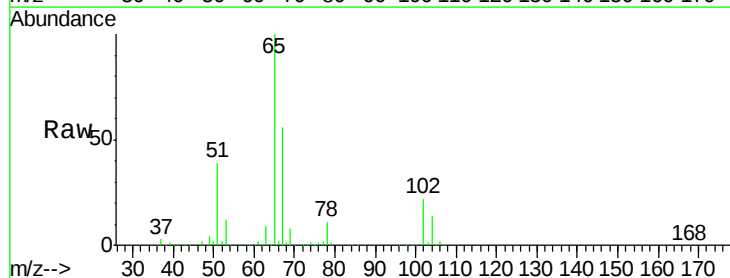
Manual Integrations
APPROVED

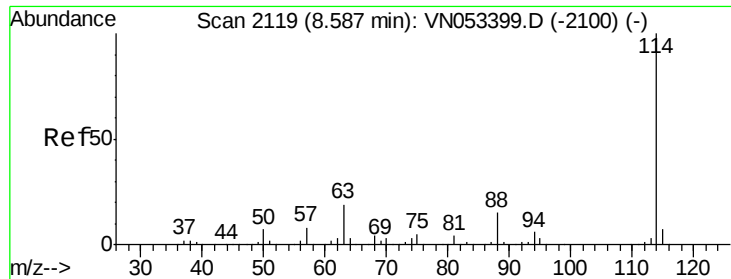
MMDadoda
1/29/2019 9:52:28 AM



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion: 65 Resp: 435305
Ion Ratio Lower Upper
65 100
67 55.6 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: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

50140

Tot Ion:114 Resp: 1346460

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

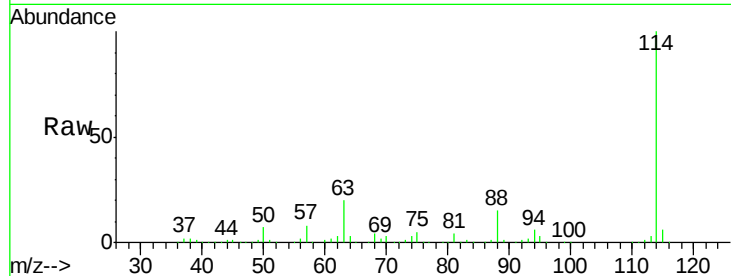
88 15.3 0.0 30.4

Manual Integrations

APPROVED

MMDadoda

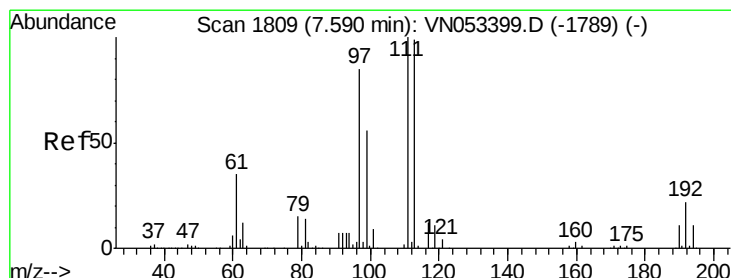
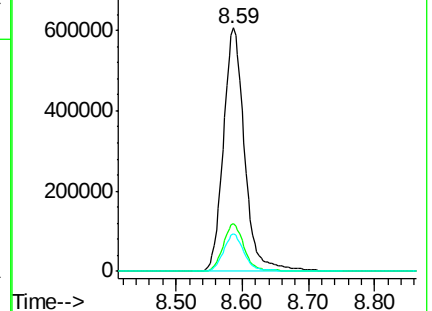
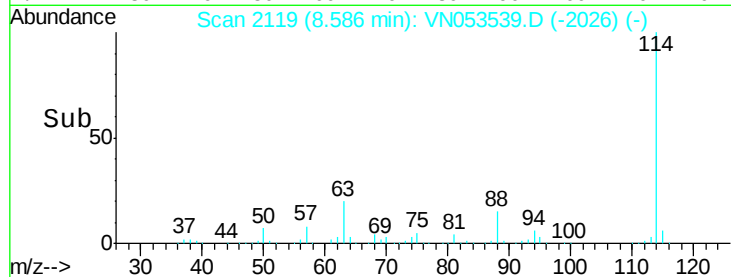
1/29/2019 9:52:28 AM



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

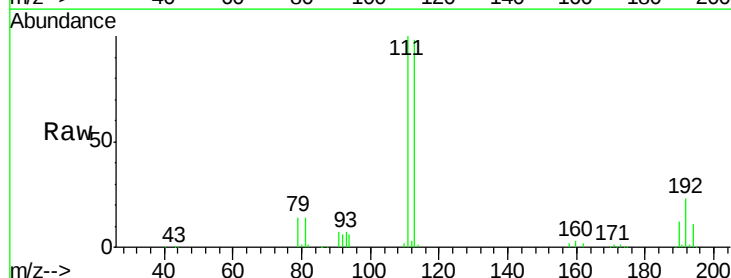
Tgt Ion:113 Resp: 422591

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

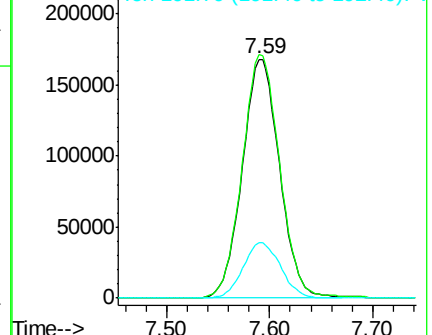
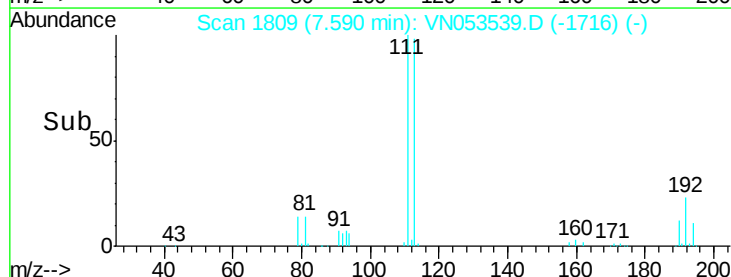
192 23.4 18.2 27.2

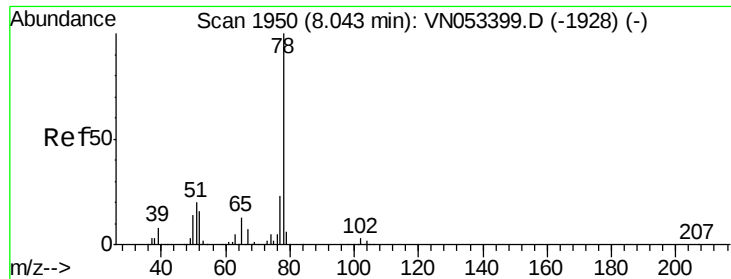


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





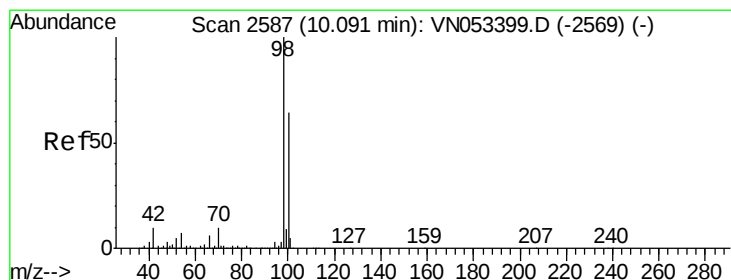
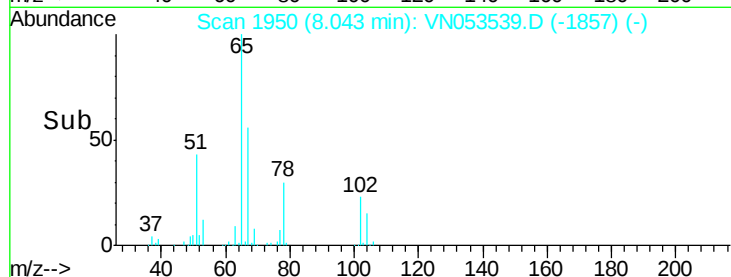
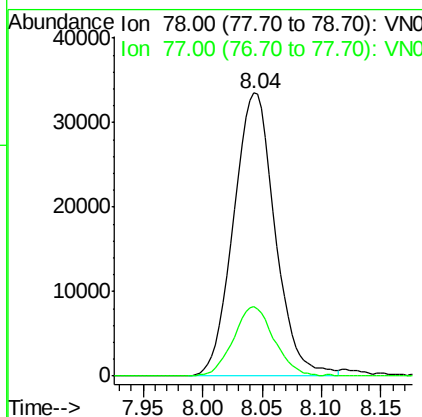
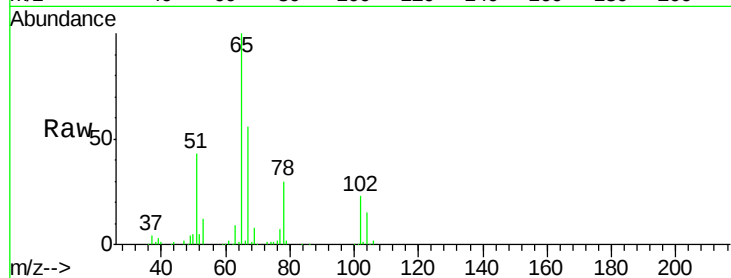
#40
Benzene
Concen: 2.180 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Instrument :
MSVOA_N
ClientSampled :
50140

Tot Ion	Ion	Ratio	Lower	Upper
78	100			
77	24.6	18.8	28.2	

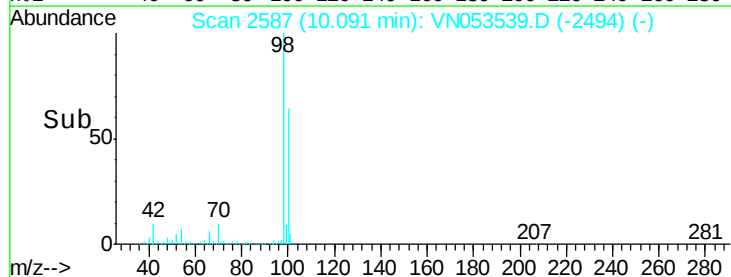
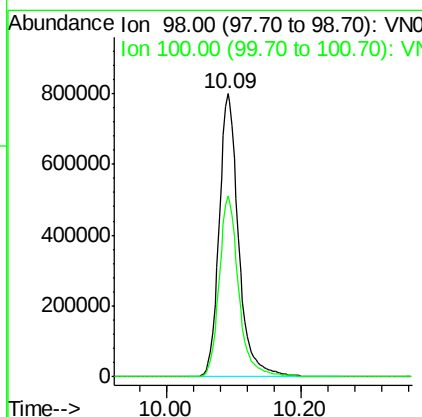
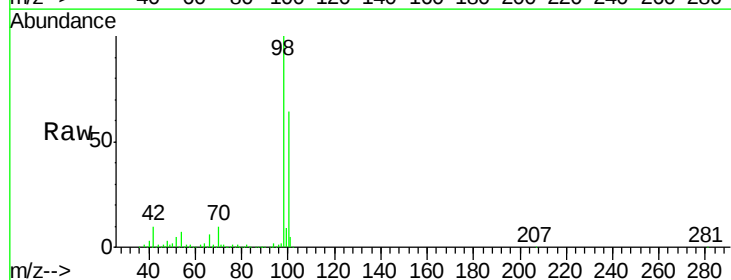
Manual Integrations
APPROVED

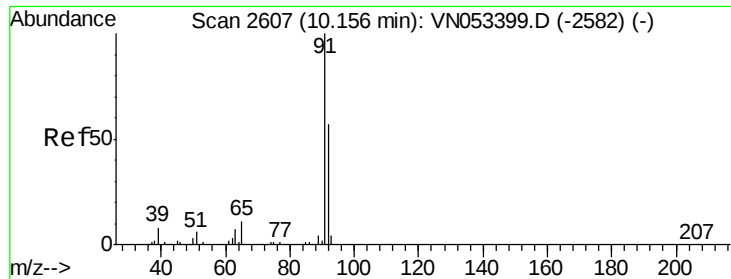
MMDadoda
1/29/2019 9:52:28 AM



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.1	51.4	77.0	





#52

Toluene

Concen: 5.052 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

Tot Ion: 92 Resp: 116871

Ion Ratio Lower Upper

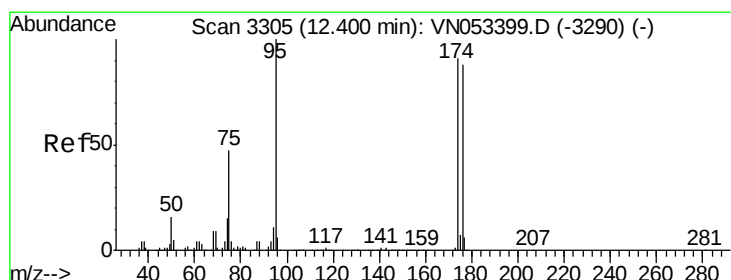
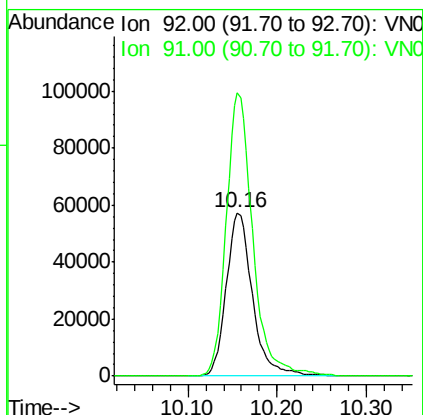
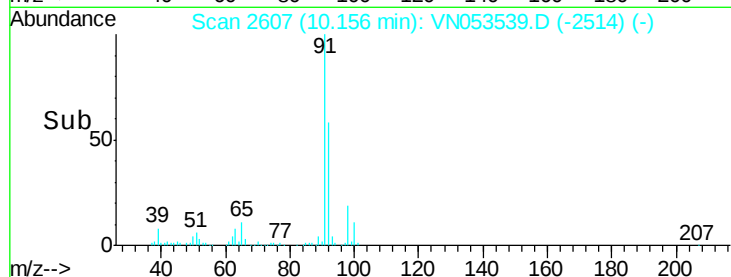
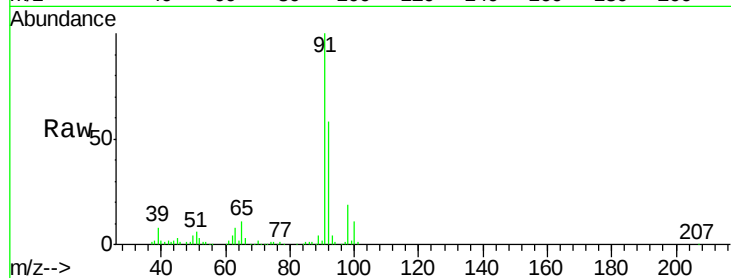
92 100

91 175.3 139.9 209.9

Manual Integrations
APPROVED

MMDadoda

1/29/2019 9:52:28 AM



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053539.D

Acq: 28 Jan 2019 12:21

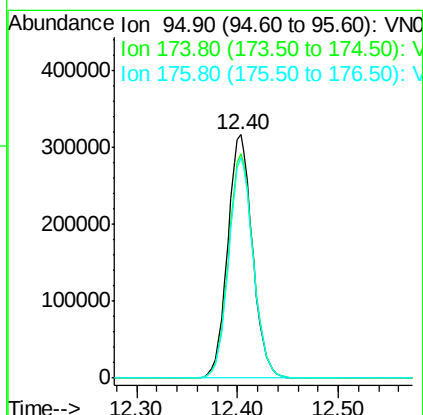
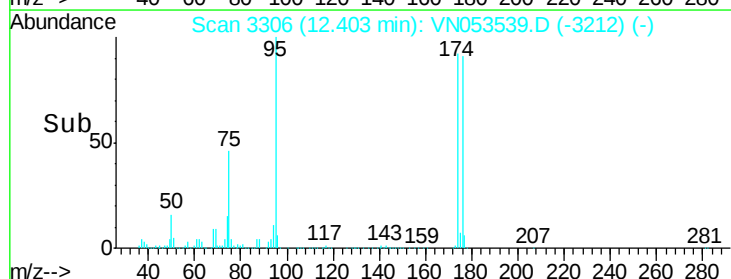
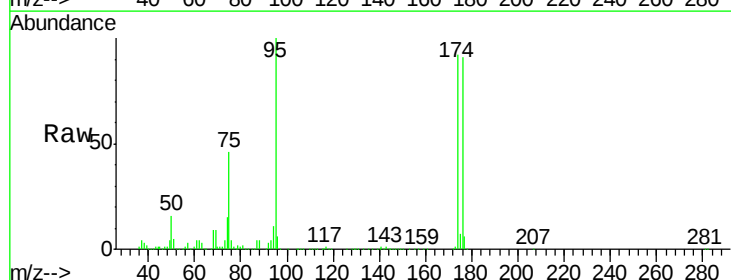
Tgt Ion: 95 Resp: 541460

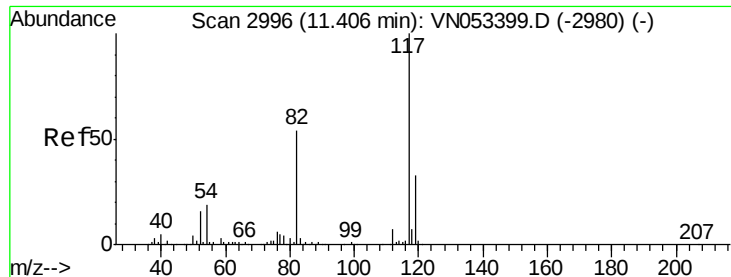
Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.2

176 89.6 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: VN053539.D

Acq: 28 Jan 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

50140

Tot Ion:117 Resp: 1206496

Ion Ratio Lower Upper

117 100

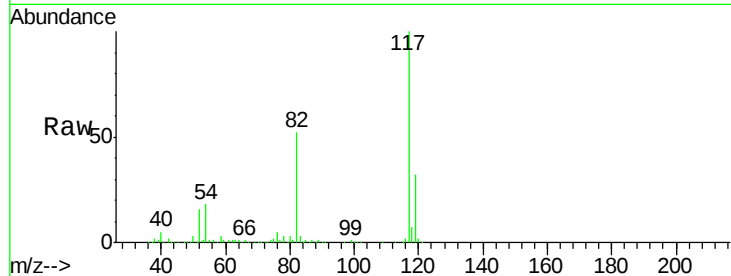
82 52.2 42.9 64.3

119 31.7 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

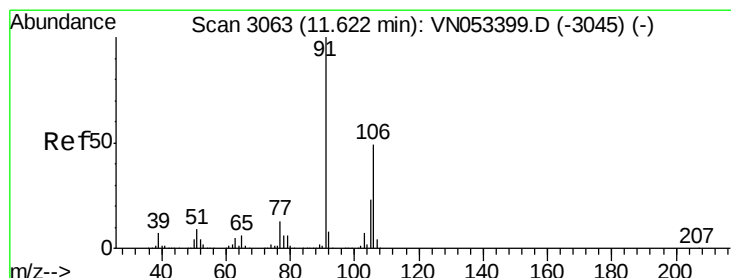
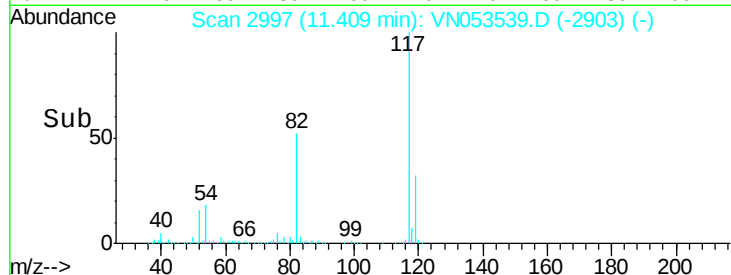
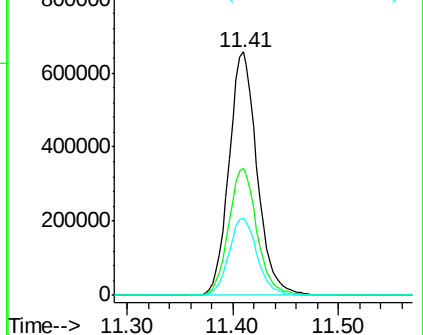
1/29/2019 9:52:28 AM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 2.615 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053539.D

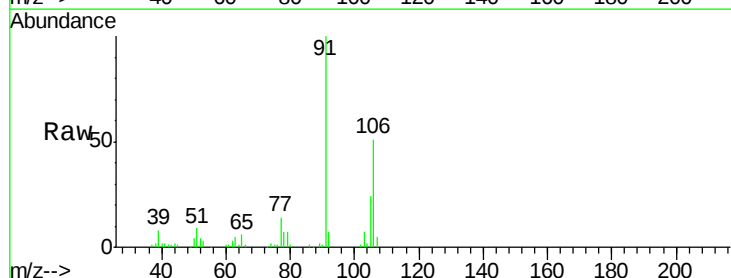
Acq: 28 Jan 2019 12:21

Tgt Ion:106 Resp: 42968

Ion Ratio Lower Upper

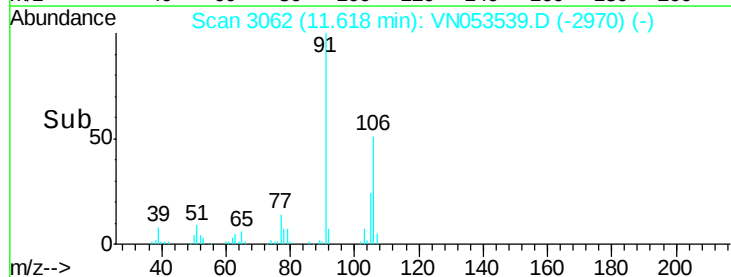
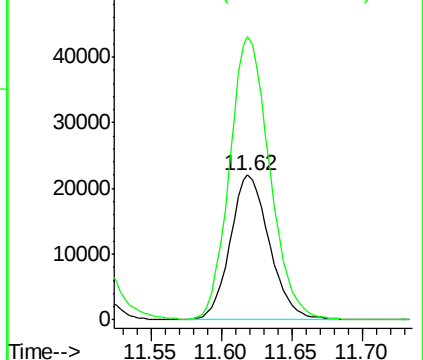
106 100

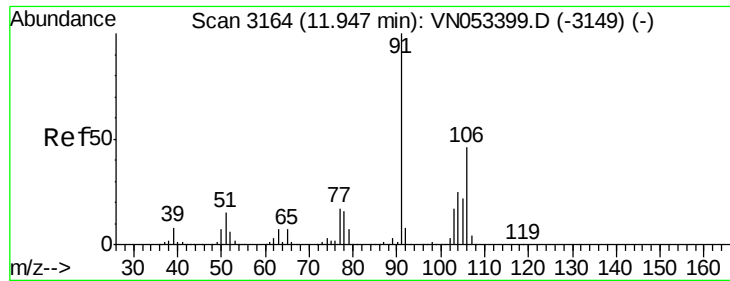
91 199.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





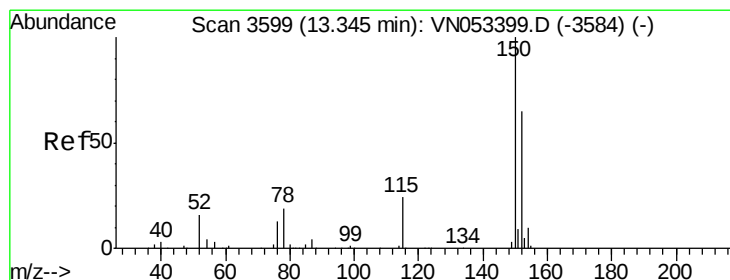
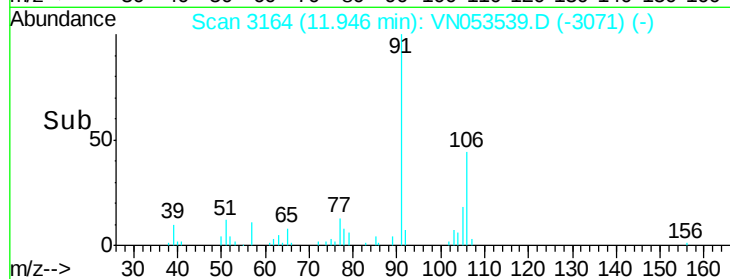
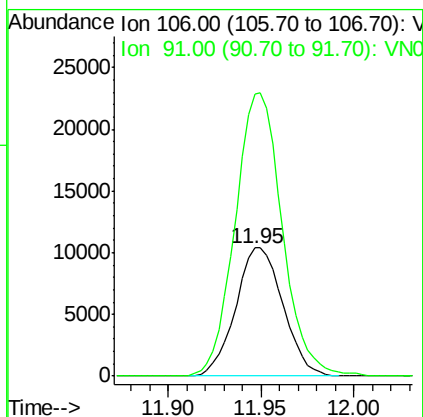
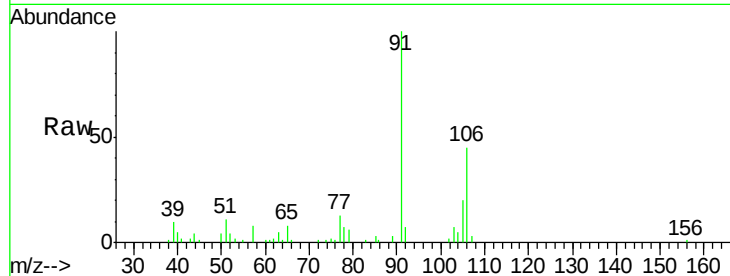
#69
o-Xylene
Concen: 1.154 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Instrument :
MSVOA_N
ClientSampled :
50140

Tot Ion:106 Resp: 18426
Ion Ratio Lower Upper
106 100
91 220.1 106.9 320.8

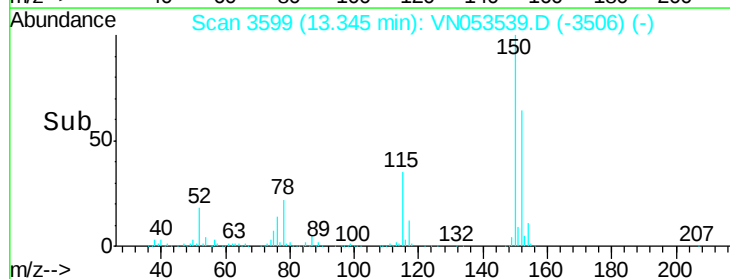
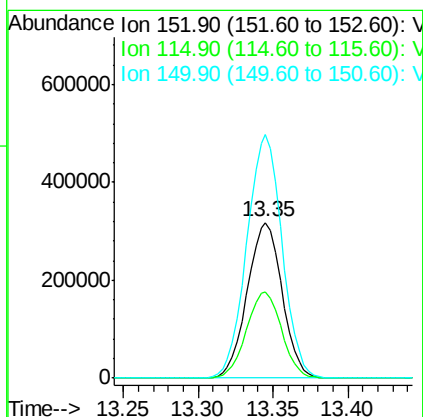
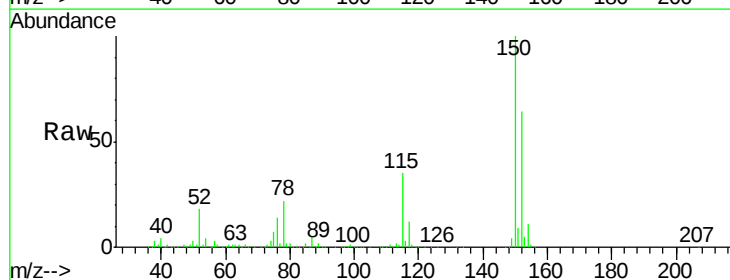
Manual Integrations
APPROVED

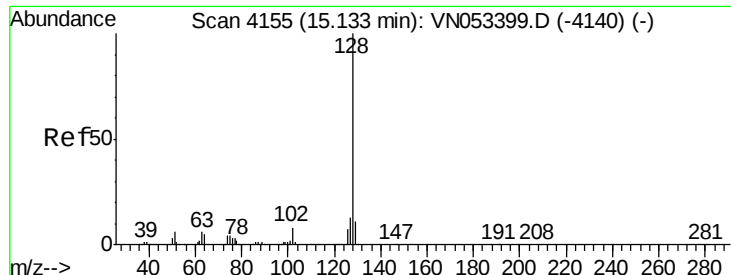
MMDadoda
1/29/2019 9:52:28 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Tgt Ion:152 Resp: 517223
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.4
150 157.7 0.0 349.0





#95
Naphthalene
Concen: 5.161 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053539.D
Acq: 28 Jan 2019 12:21

Instrument :
MSVOA_N
ClientSampleId :
50140

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/29/2019 9:52:28 AM

