

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002533.D
 Acq On : 14 Jun 2018 03:08
 Operator : JC/MD
 Sample : J3383-12
 Misc : 6.34g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-41R

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:33 AM

Quant Time: Jun 14 04:59:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	263913	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	377018	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170387	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
35) Dibromofluoromethane	5.51	113	125772	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
50) Toluene-d8	8.72	98	529297	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	11.15	95	199772	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	79706	16.727	ug/l	97
39) Methylcyclohexane	7.46	83	108878	22.381	ug/l	98
40) Benzene	6.13	78	8019	0.660	ug/l	96
67) Ethyl Benzene	10.26	91	343625	23.275	ug/l	100
68) m/p-Xylenes	10.36	106	287813	50.150	ug/l	99
69) o-Xylene	10.70	106	8408	1.472	ug/l	95
73) Isopropylbenzene	11.02	105	21792	1.435	ug/l	100
78) n-propylbenzene	11.37	91	110832	6.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	138890	10.660	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	481196	35.880	ug/l	98
85) sec-Butylbenzene	11.95	105	7964m	0.535	ug/l	
95) Naphthalene	13.84	128	129776	8.165	ug/l	99

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

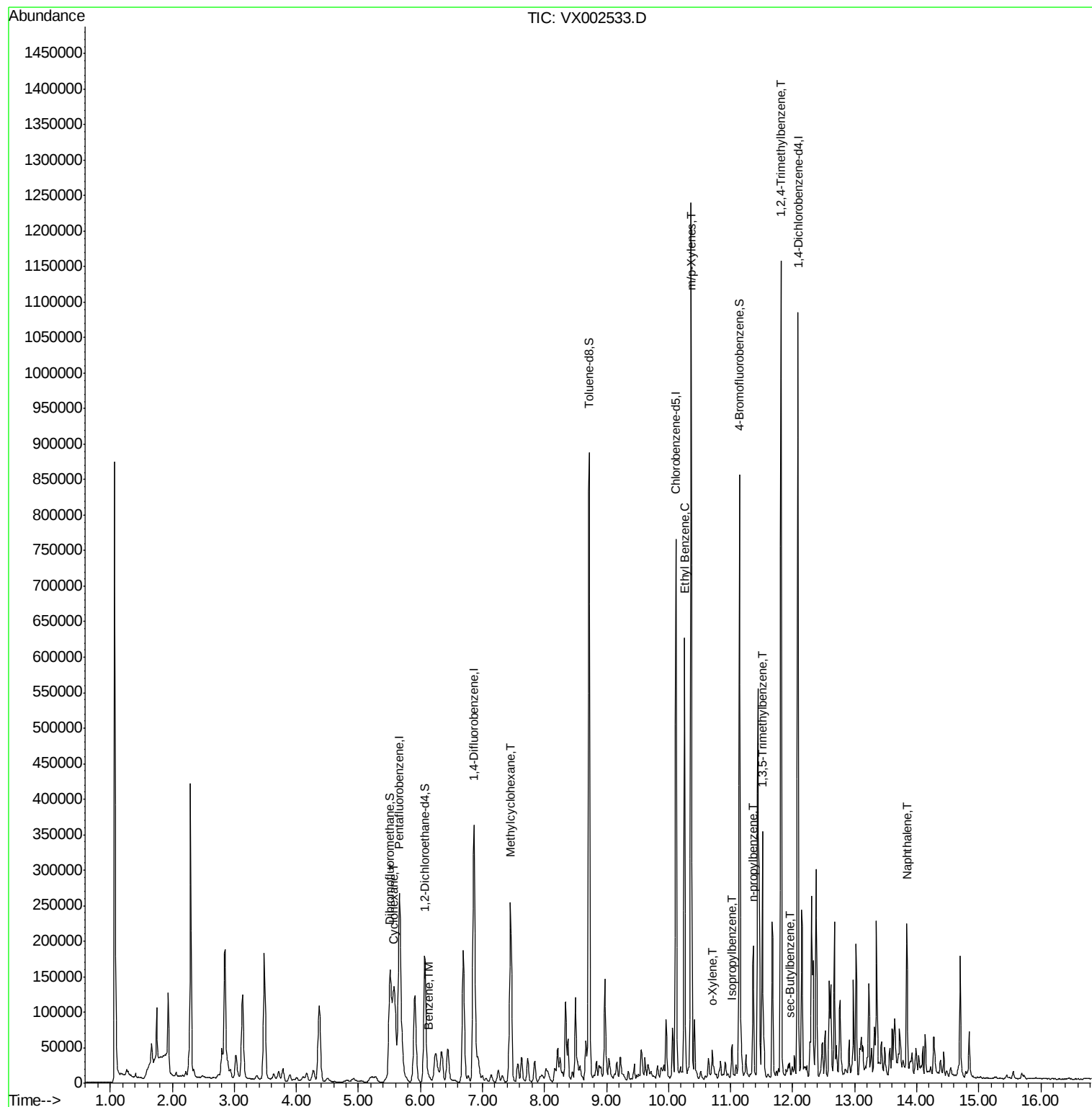
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002533.D
Acq On : 14 Jun 2018 03:08
Operator : JC/MD
Sample : J3383-12
Misc : 6.34g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 36 Sample Multiplier: 1

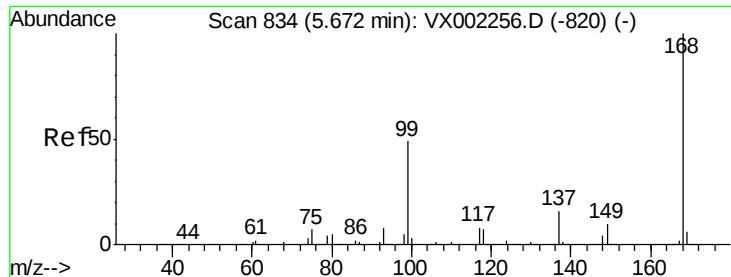
Instrument :
MSVOA_X
ClientSampleId :
B-41R

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6/14/2018 11:29:33 AM

Quant Time: Jun 14 04:59:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampled :

B-41R

Tot Ion:168 Resp: 263913

Ion Ratio Lower Upper

168 100

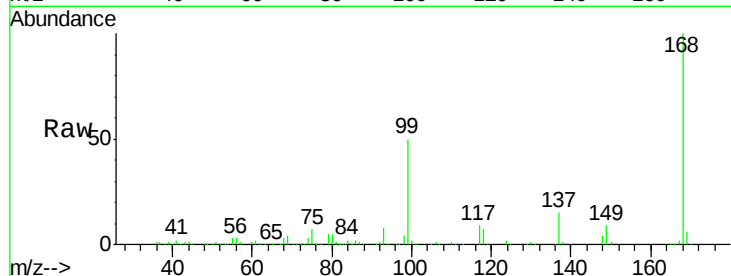
99 50.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

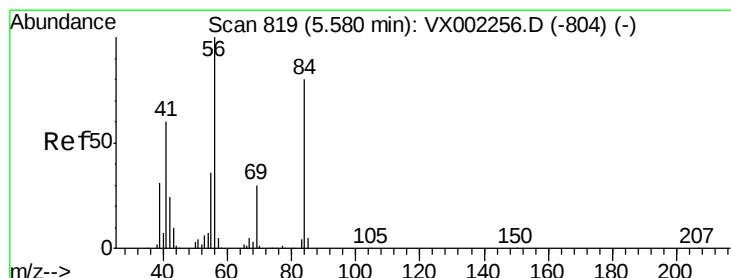
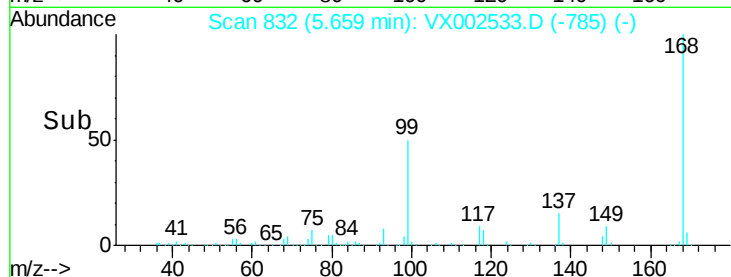
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#31

Cyclohexane

Concen: 16.727 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

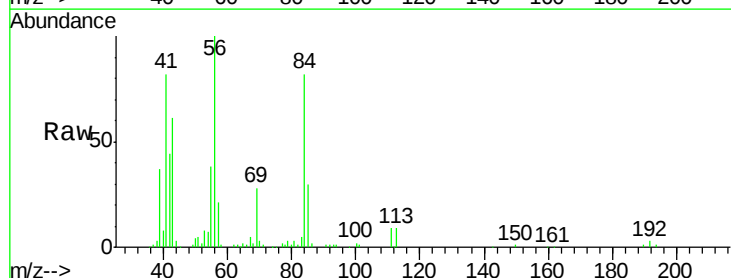
Tgt Ion: 56 Resp: 79706

Ion Ratio Lower Upper

56 100

69 26.3 23.7 35.5

84 82.0 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

25000

20000

15000

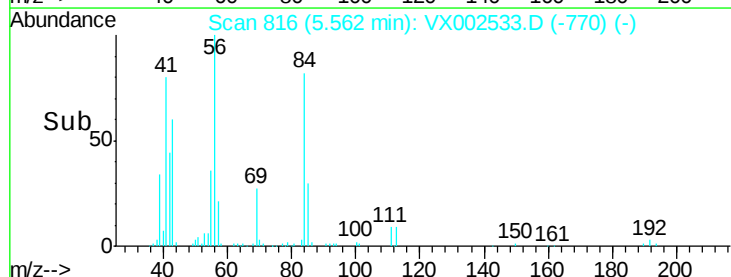
10000

5000

0

5.50 5.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.788 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampleId :

B-41R

Tot Ion: 65 Resp: 170387

Ion Ratio Lower Upper

65 100

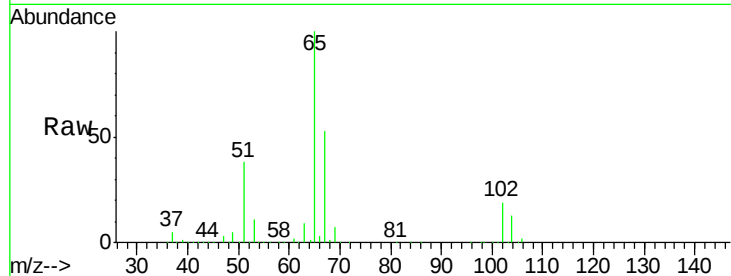
67 52.0 0.0 102.6

Manual Integrations

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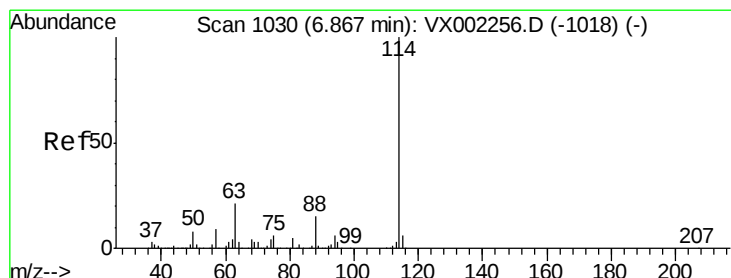
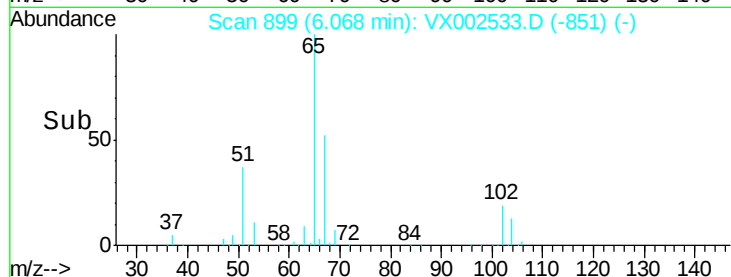
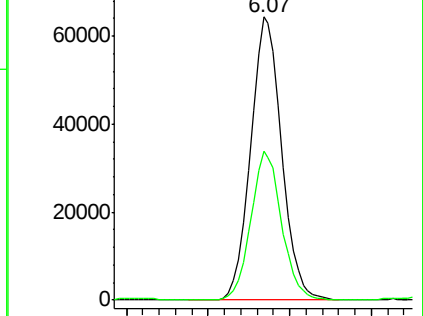
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

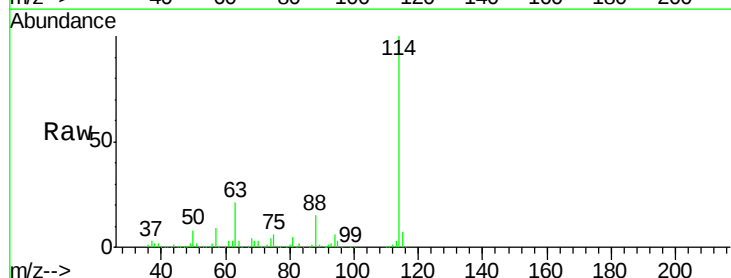
Tgt Ion: 114 Resp: 377018

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

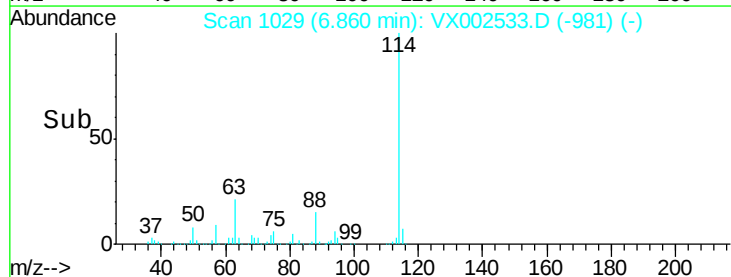
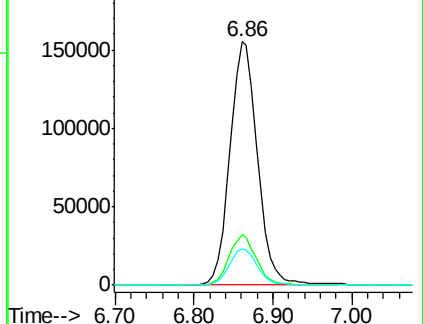
88 15.1 0.0 30.0

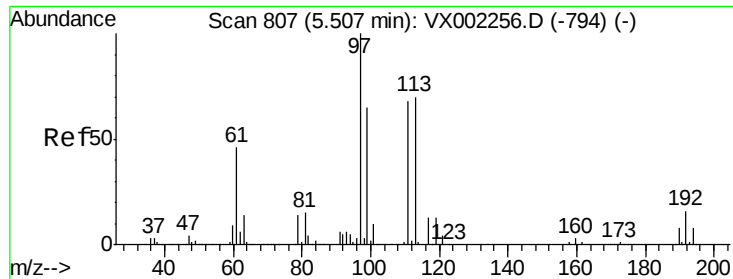


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.420 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

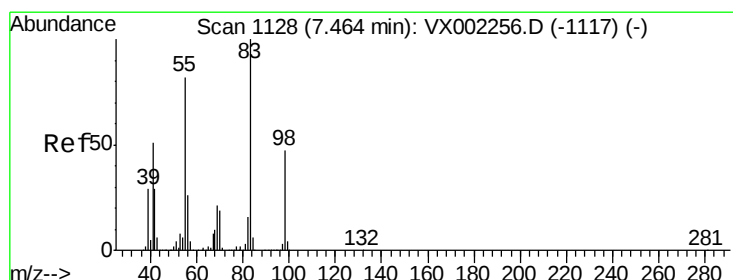
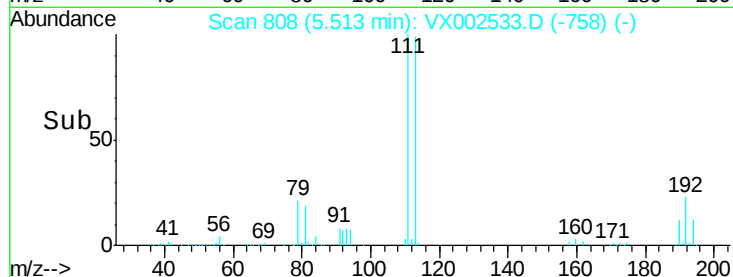
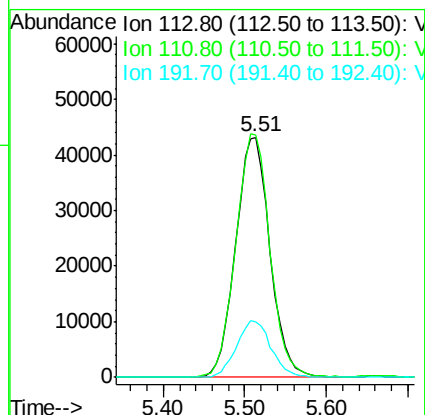
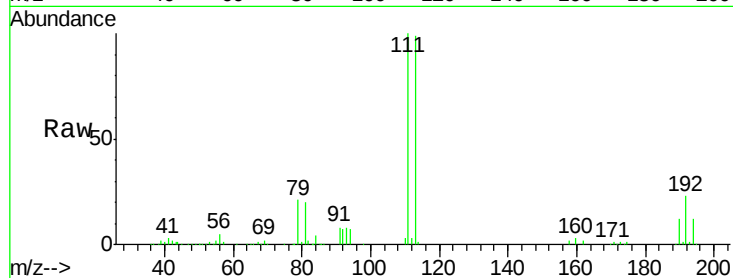
ClientSampled :

B-41R

Tot Ion:	113	Resp:	125772
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.4	122.0
192	23.8	19.1	28.7

Manual Integrations
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#39

Methylcyclohexane

Concen: 22.381 ug/l

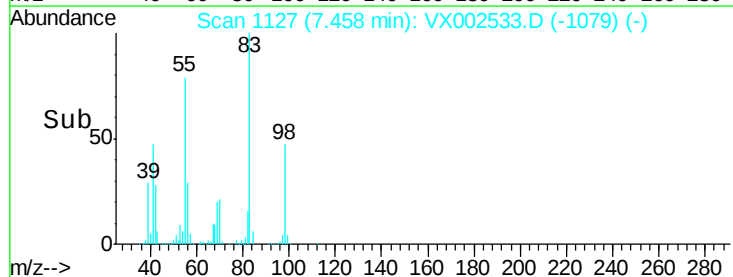
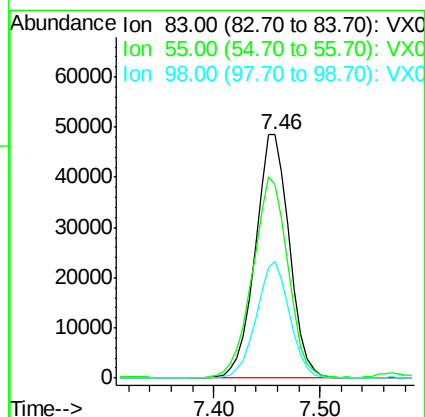
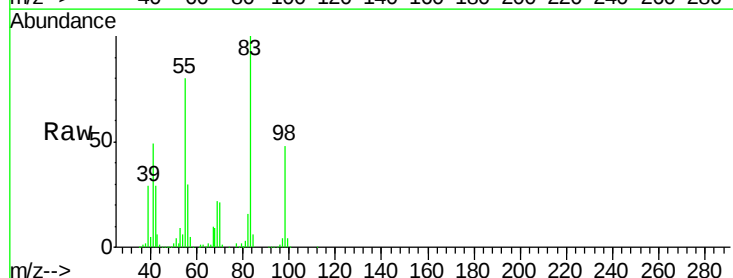
RT: 7.46 min Scan# 1127

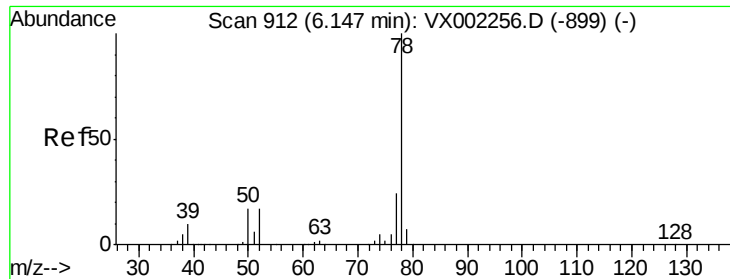
Delta R.T. -0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Tgt Ion:	83	Resp:	108878
Ion Ratio	Lower	Upper	
83	100		
55	79.5	65.4	98.0
98	48.0	37.4	56.0





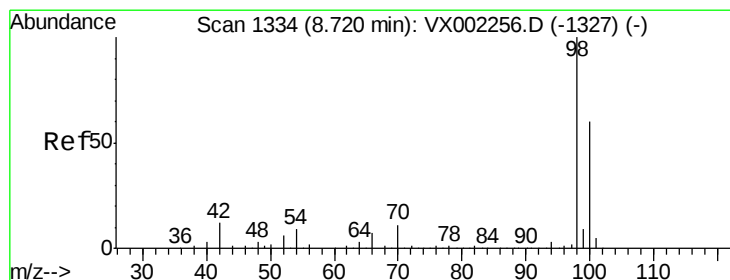
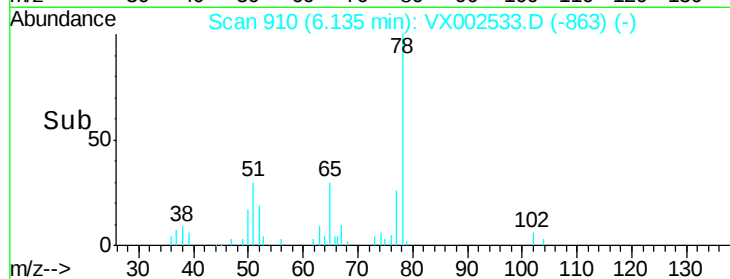
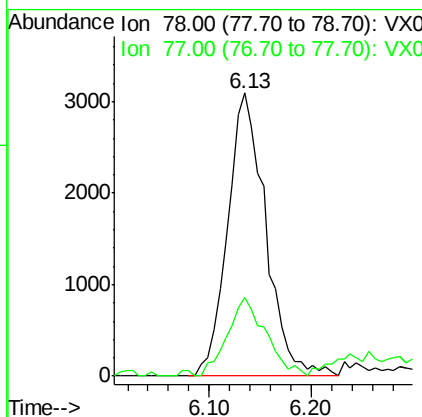
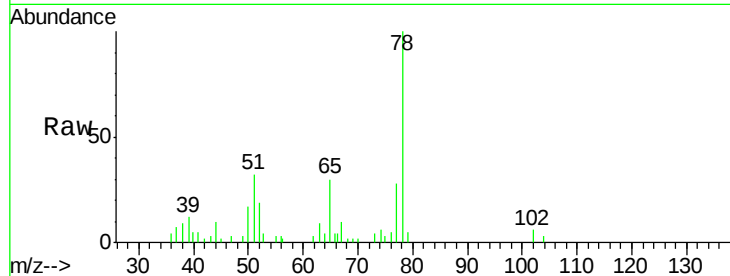
#40
Benzene
Concen: 0.660 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Instrument :
MSVOA_X
ClientSampleId :
B-41R

Tot Ion: 78 Resp: 8019
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7

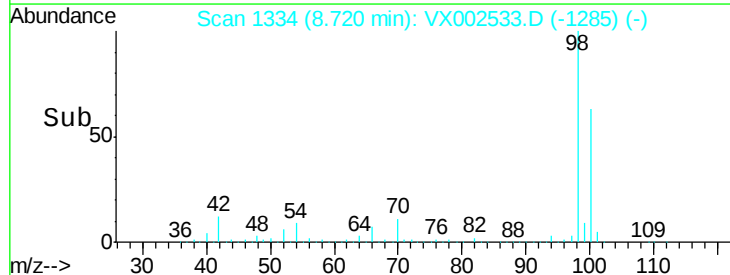
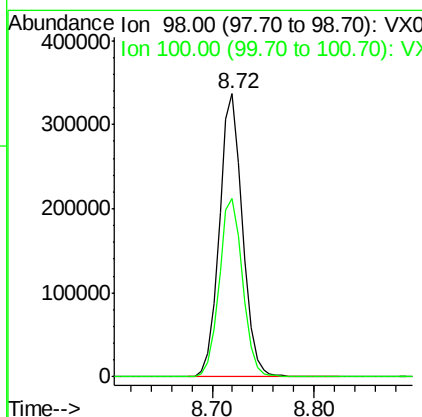
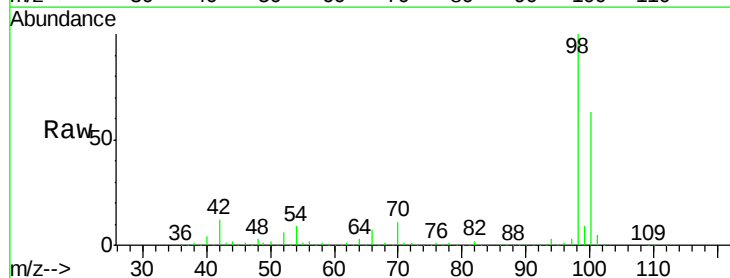
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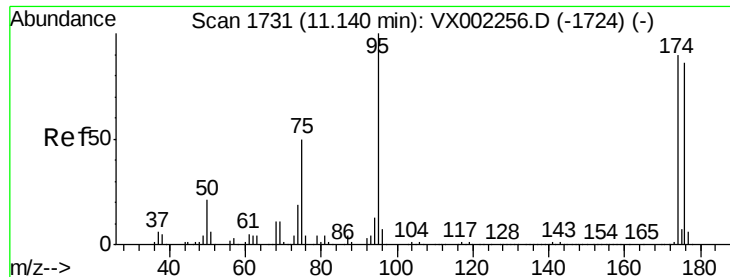
MMDadoda
6/14/2018 11:29:33 AM



#50
Toluene-d8
Concen: 46.575 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion: 98 Resp: 529297
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 45.587 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

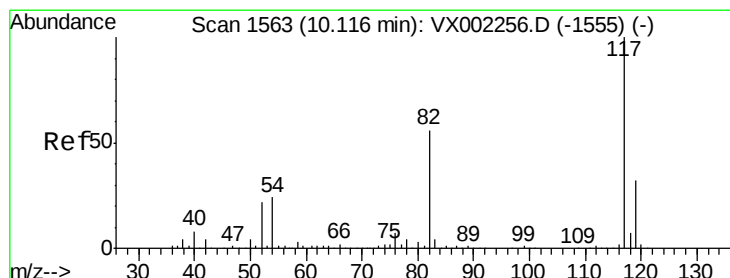
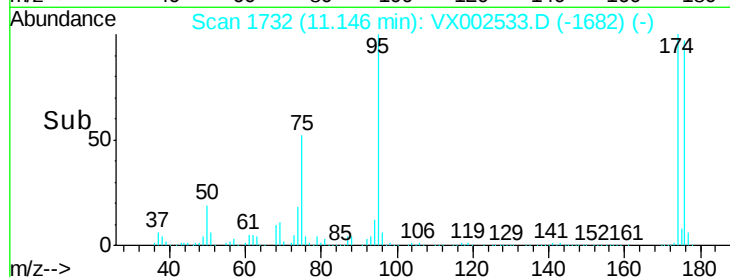
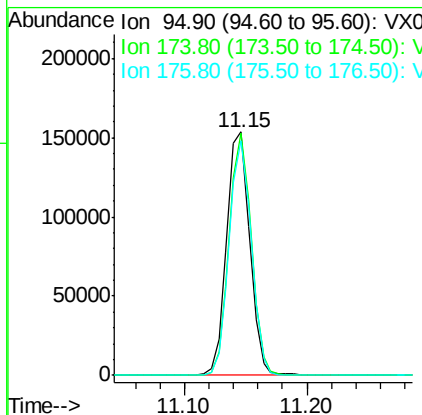
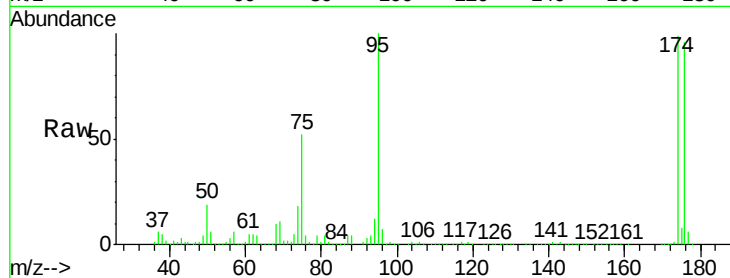
ClientSampled :

B-41R

Tot Ion:	95	Resp:	199772
Ion Ratio	Lower	Upper	
95	100		
174	95.9	0.0	187.4
176	93.0	0.0	181.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

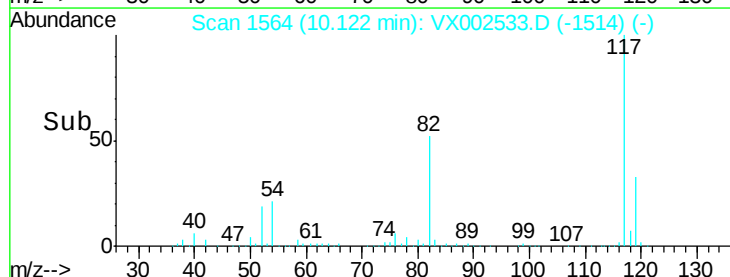
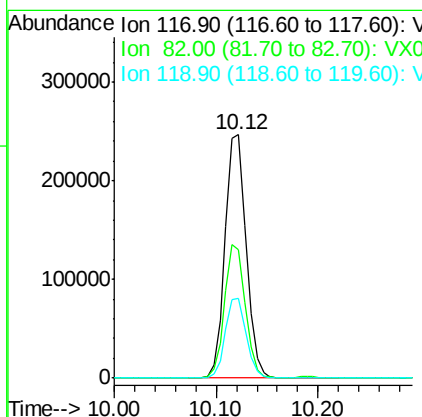
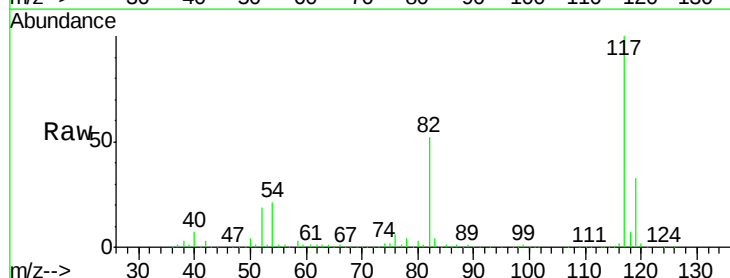
RT: 10.12 min Scan# 1564

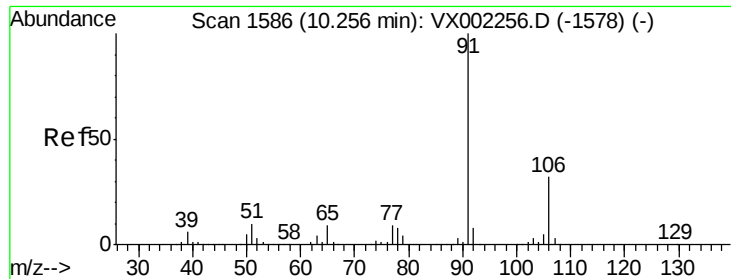
Delta R.T. 0.01 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Tgt Ion:	117	Resp:	354543
Ion Ratio	Lower	Upper	
117	100		
82	52.4	45.0	67.4
119	32.8	25.8	38.6





#67

Ethyl Benzene

Concen: 23.275 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampled :

B-41R

Tot Ion: 91 Resp: 343625

Ion Ratio Lower Upper

91 100

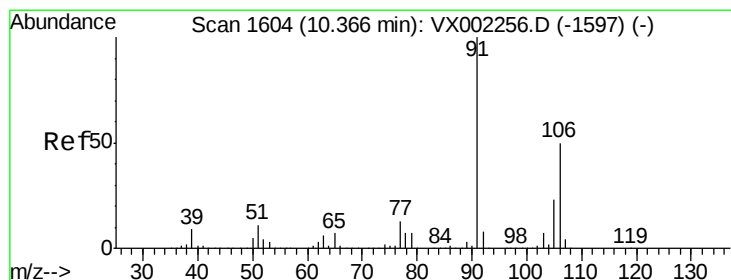
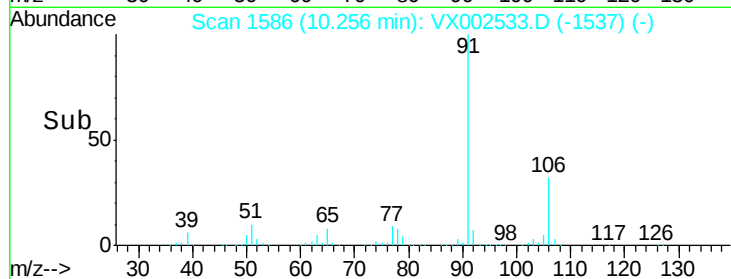
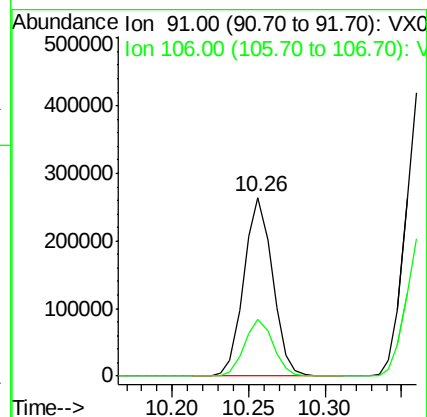
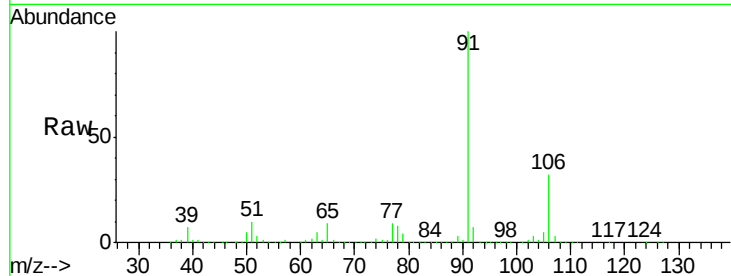
106 32.0 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 50.150 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002533.D

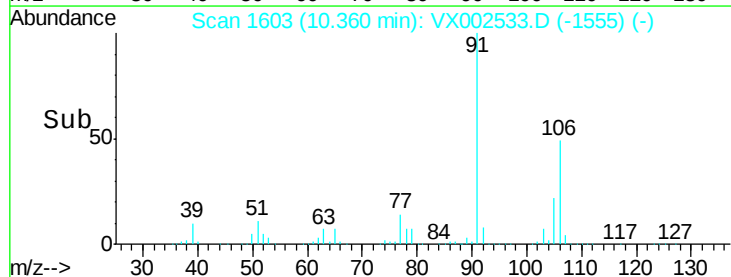
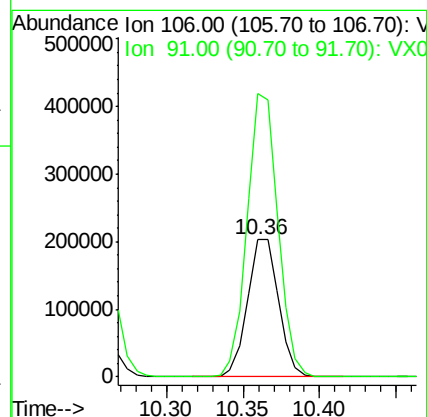
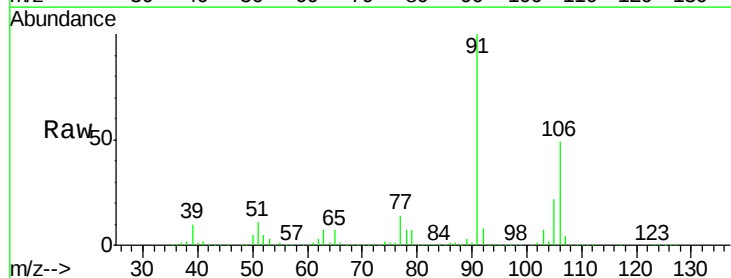
Acq: 14 Jun 2018 03:08

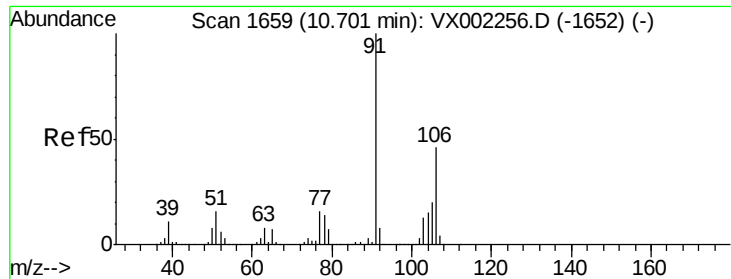
Tgt Ion: 106 Resp: 287813

Ion Ratio Lower Upper

106 100

91 203.3 163.4 245.2





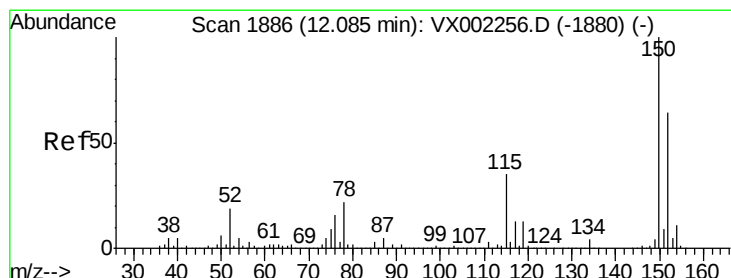
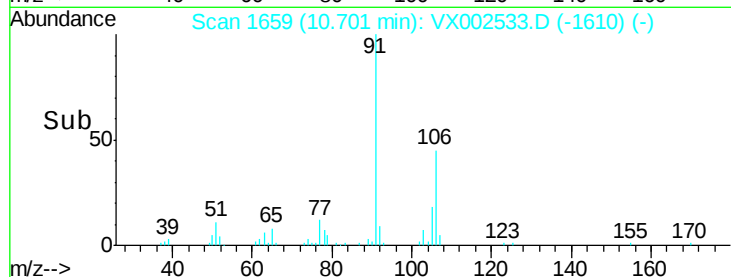
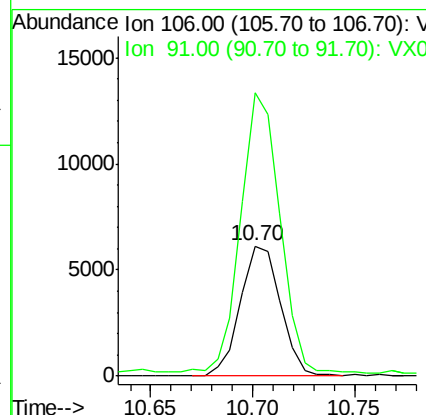
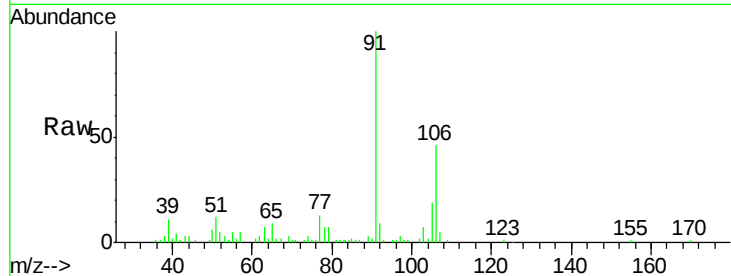
#69
o-Xylene
Concen: 1.472 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Instrument :
MSVOA_X
ClientSampled :
B-41R

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.0	108.2	324.6		

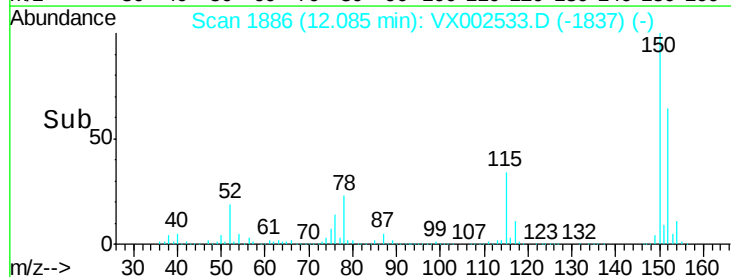
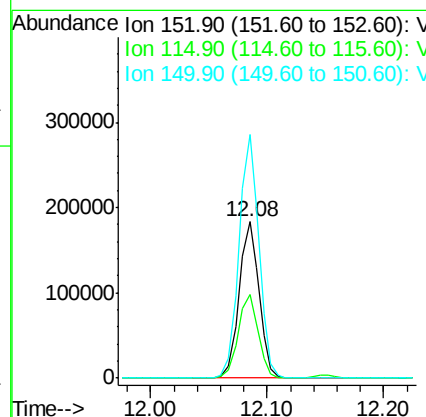
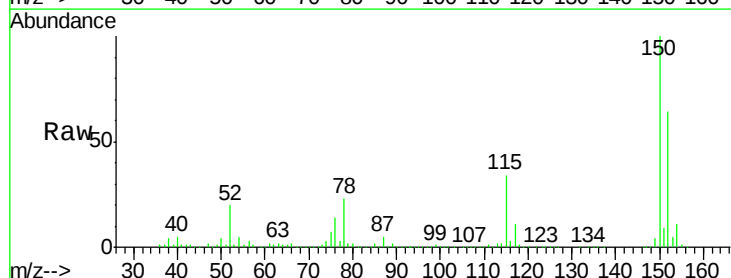
Manual Integrations
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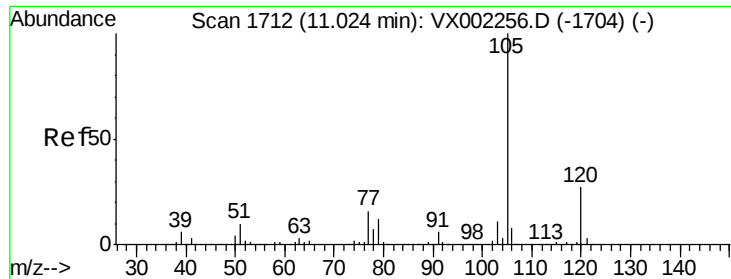
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002533.D
Acq: 14 Jun 2018 03:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	53.7	40.1	120.2		
150	155.7	0.0	347.2		





#73

Isopropylbenzene

Concen: 1.435 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampleId :

B-41R

Tot Ion: 105 Resp: 21792

Ion Ratio Lower Upper

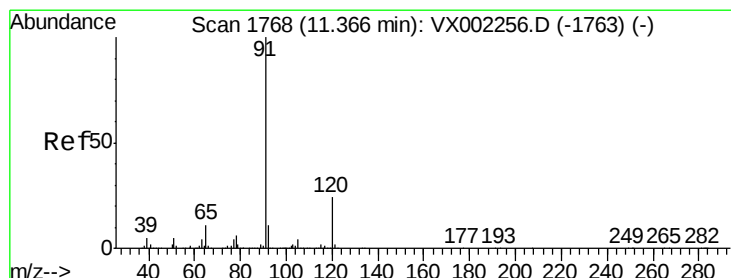
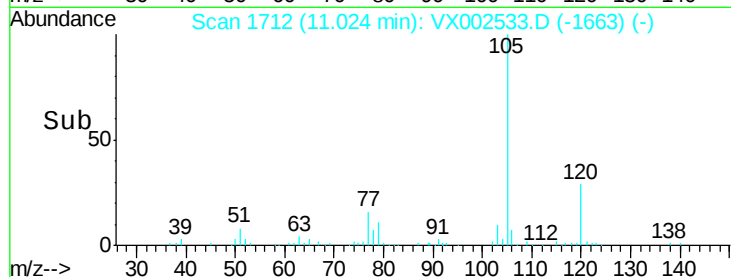
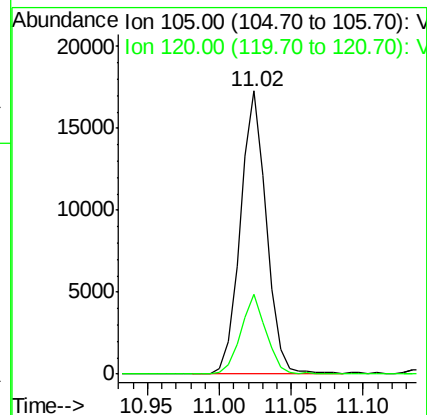
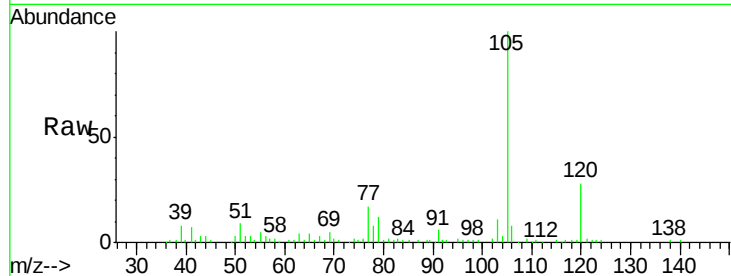
105 100

120 27.1 13.5 40.4

Manual Integrations
APPROVED

MMDadoda

6/14/2018 11:29:33 AM



#78

n-propylbenzene

Concen: 6.565 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002533.D

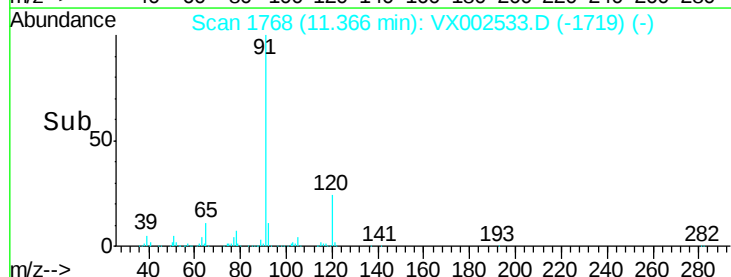
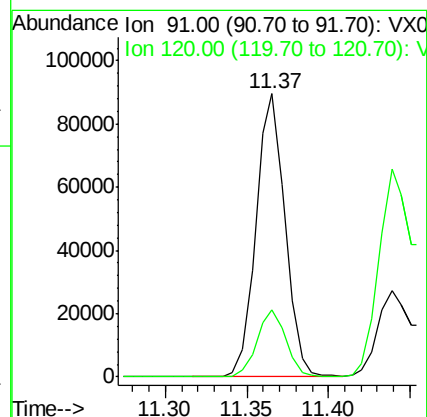
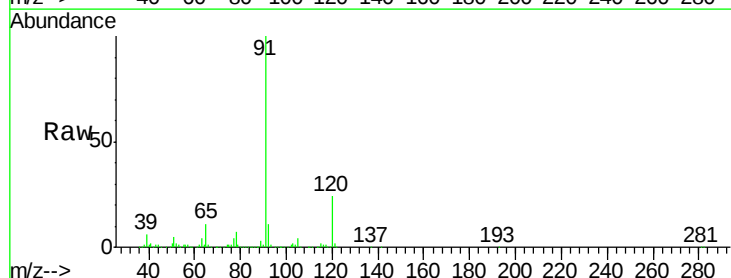
Acq: 14 Jun 2018 03:08

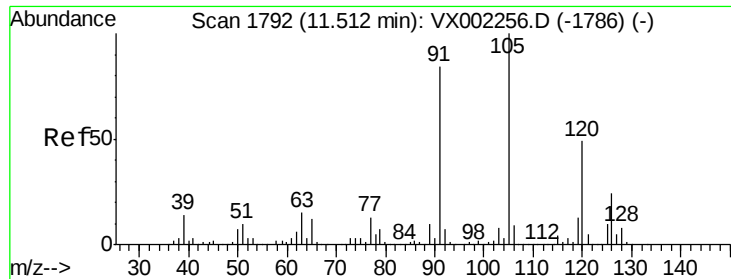
Tgt Ion: 91 Resp: 110832

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4





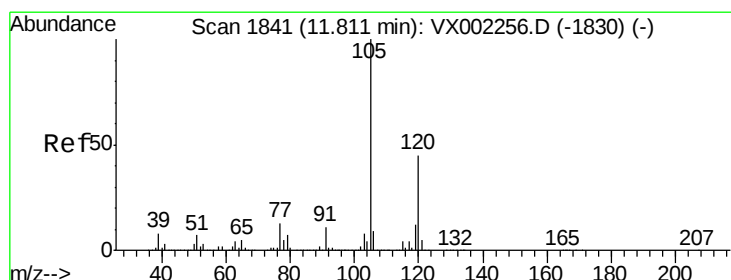
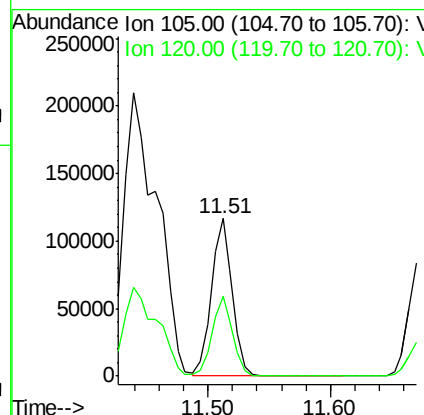
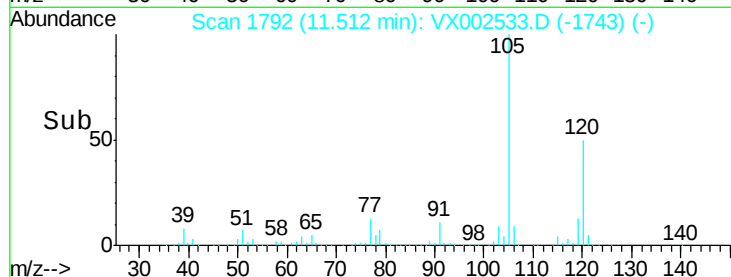
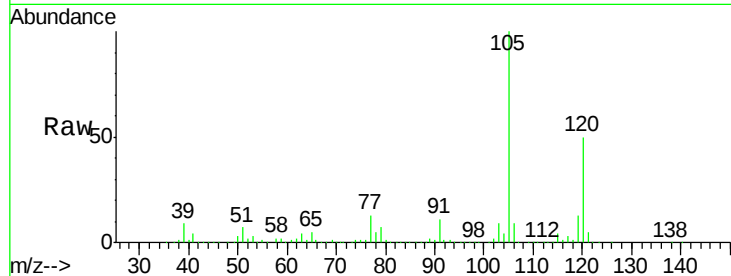
#80
 1,3,5-Trimethylbenzene
 Concen: 10.660 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Instrument :
 MSVOA_X
 ClientSampled :
 B-41R

Tot Ion:105 Resp: 138890
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4

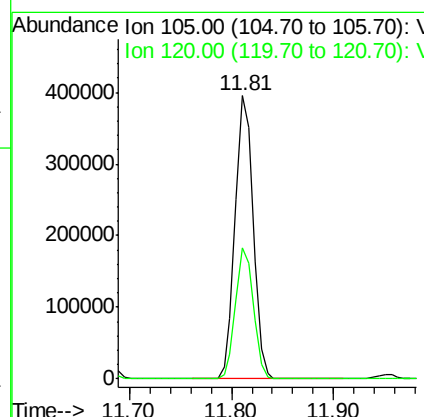
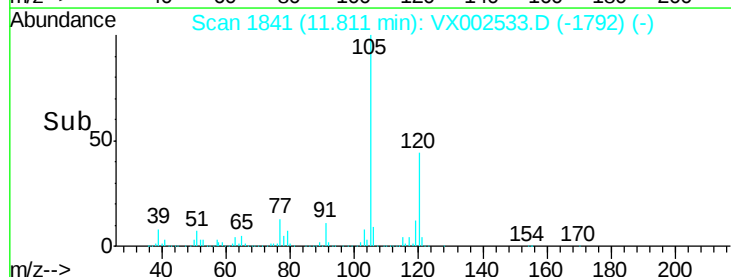
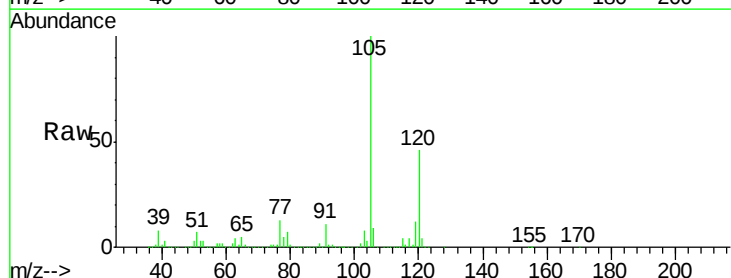
Manual Integrations
 APPROVED

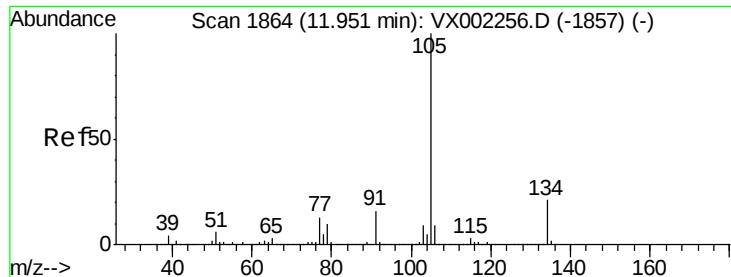
MMDadoda
 6/14/2018 11:29:33 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 35.880 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002533.D
 Acq: 14 Jun 2018 03:08

Tgt Ion:105 Resp: 481196
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.535 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

Instrument :

MSVOA_X

ClientSampled :

B-41R

Tot Ion:105 Resp: 7964

Ion Ratio Lower Upper

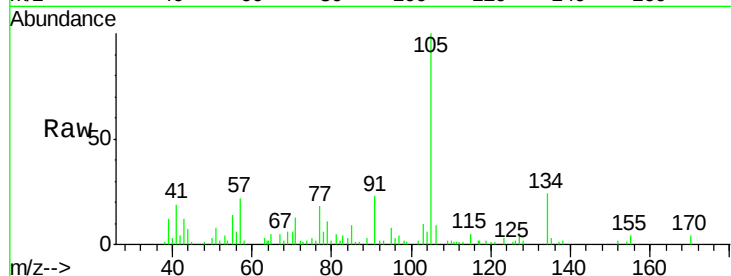
105 100

134 0.0 10.4 31.1#

Manual Integrations
APPROVED

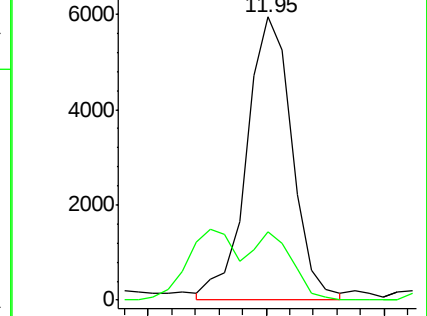
MMDadoda

6/14/2018 11:29:33 AM

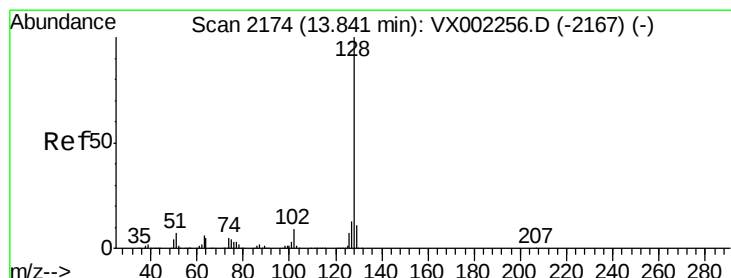
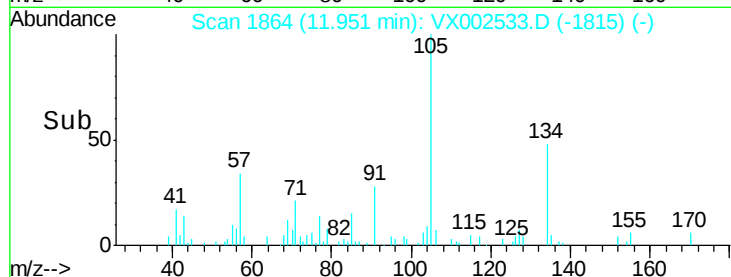


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#95

Naphthalene

Concen: 8.165 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002533.D

Acq: 14 Jun 2018 03:08

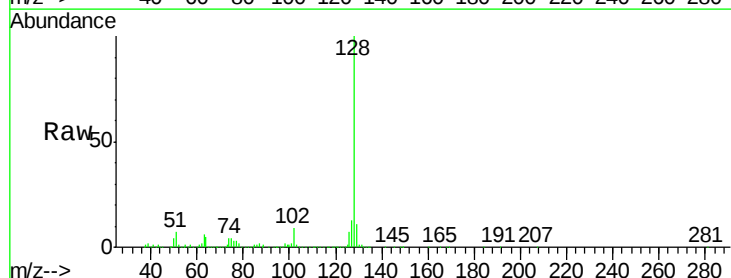
Tgt Ion:128 Resp: 129776

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

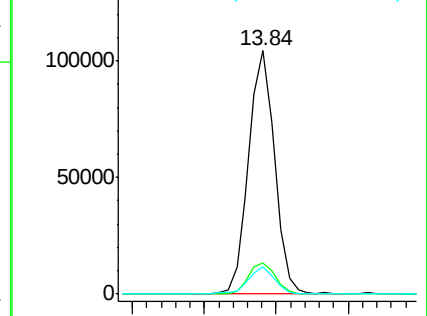
129 11.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

