

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002655.D
 Acq On : 16 Jun 2018 18:59
 Operator : JC/MD
 Sample : J3467-05DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-05-061118DL

Manual Integrations
 APPROVED

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 6/19/2018 1:04:50 PM

Quant Time: Jun 18 11:12:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148103	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
35) Dibromofluoromethane	5.51	113	116339	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	8.72	98	449424	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.14	95	162844	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
52) Toluene	8.79	92	59269	9.327	ug/l	100
67) Ethyl Benzene	10.26	91	306520	25.207	ug/l	98
68) m/p-Xylenes	10.36	106	400677	85.419	ug/l	100
73) Isopropylbenzene	11.02	105	30479	2.601	ug/l	98
78) n-propylbenzene	11.37	91	29357	2.185	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	41527	4.194	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	164087	16.240	ug/l	98
95) Naphthalene	13.84	128	65171	5.539	ug/l	99

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

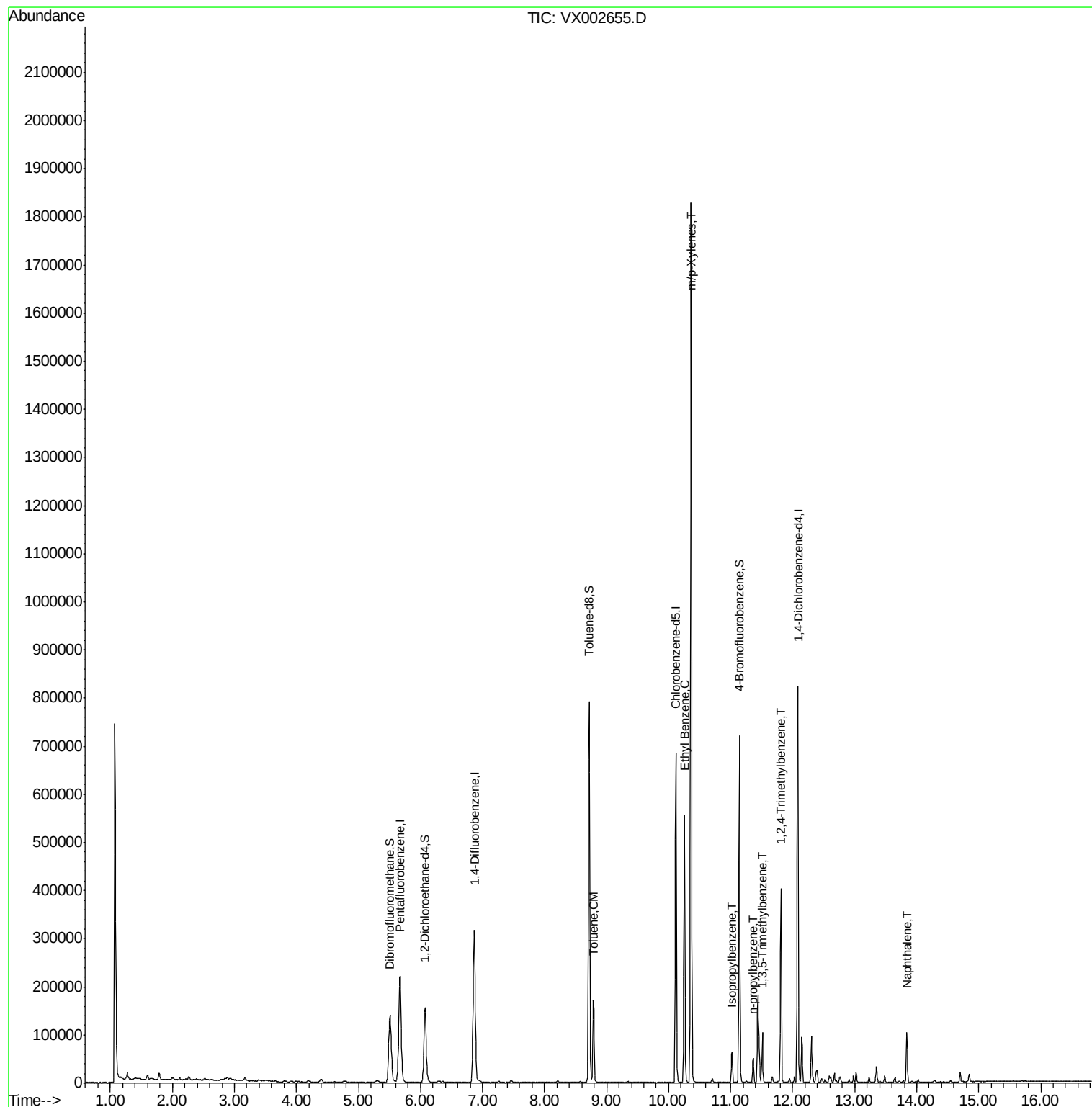
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002655.D
Acq On : 16 Jun 2018 18:59
Operator : JC/MD
Sample : J3467-05DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

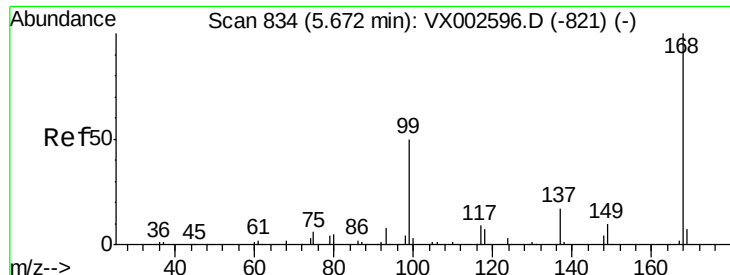
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118DL

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Quant Time: Jun 18 11:12:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118DL

Tot Ion:168 Resp: 219025

Ion Ratio Lower Upper

168 100

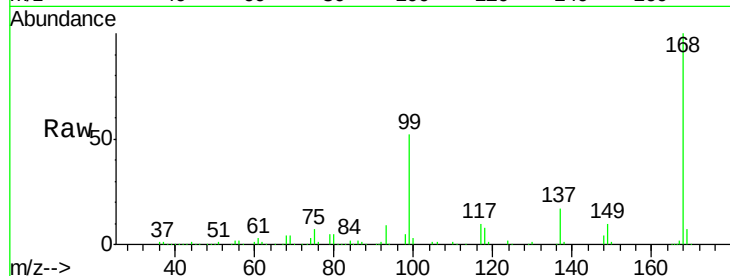
99 51.7 39.3 58.9

Manual Integrations

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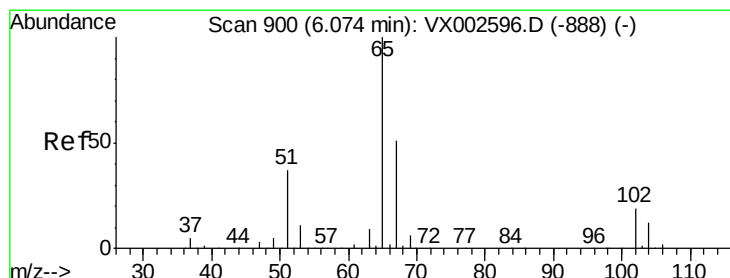
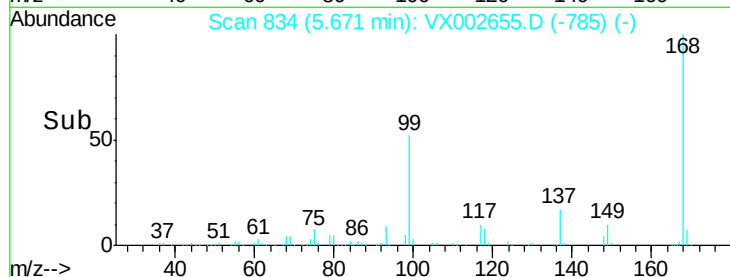
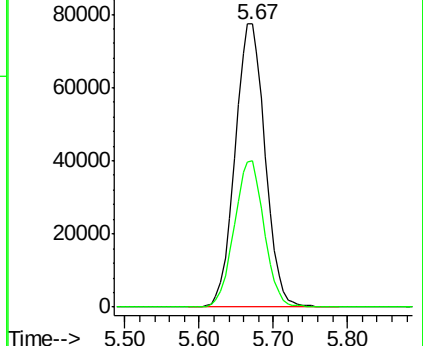
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.497 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002655.D

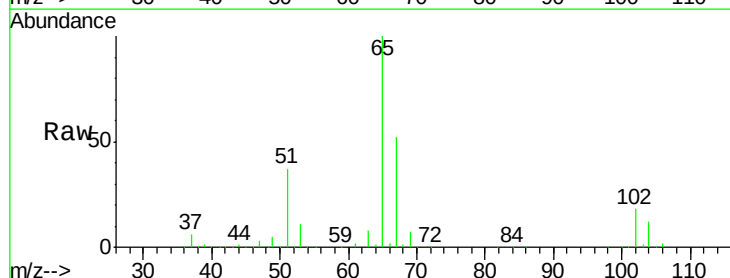
Acq: 16 Jun 2018 18:59

Tgt Ion: 65 Resp: 148103

Ion Ratio Lower Upper

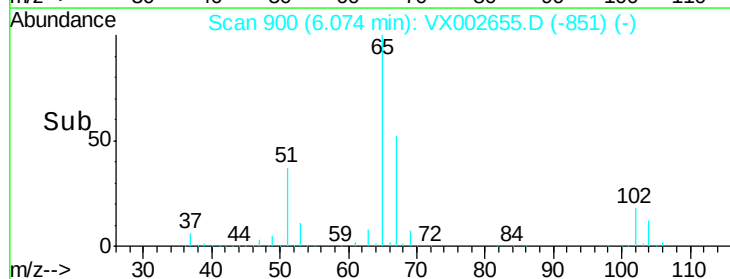
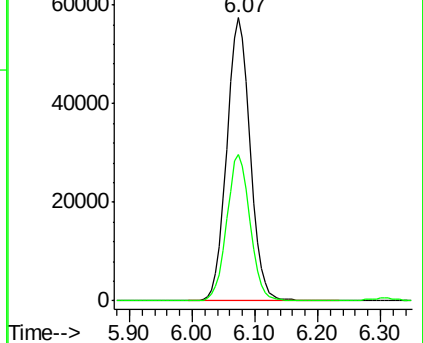
65 100

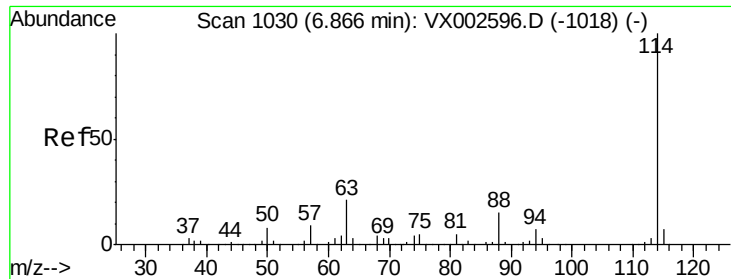
67 51.3 0.0 102.6



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: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

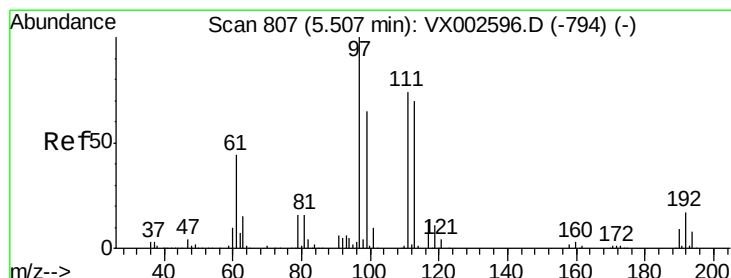
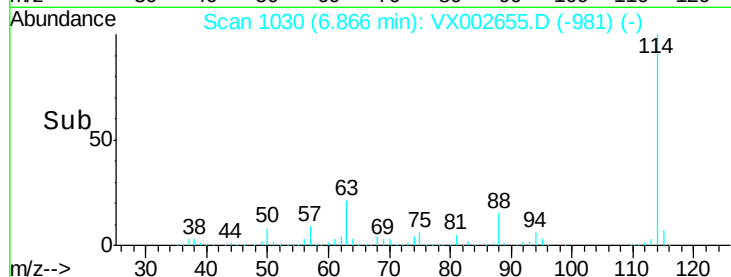
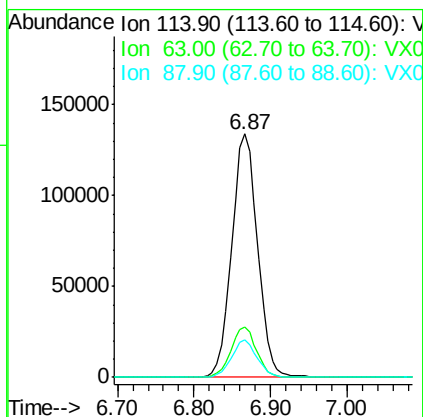
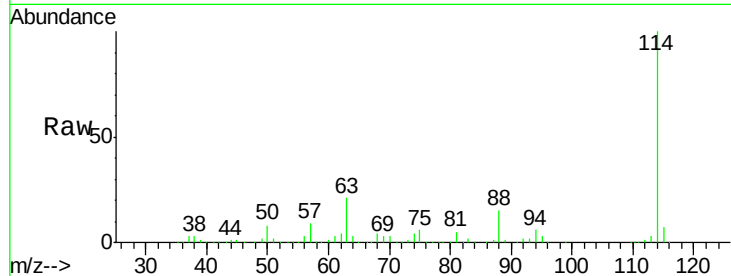
ClientSampleId :

PR-MW-05-061118DL

Tot Ion:	114	Resp:	312823
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	41.4
88	15.2	0.0	30.0

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#35

Dibromofluoromethane

Concen: 46.598 ug/l

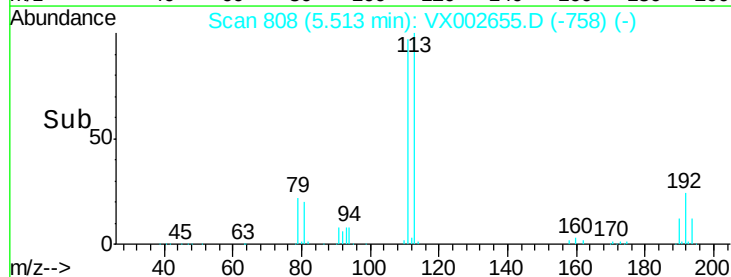
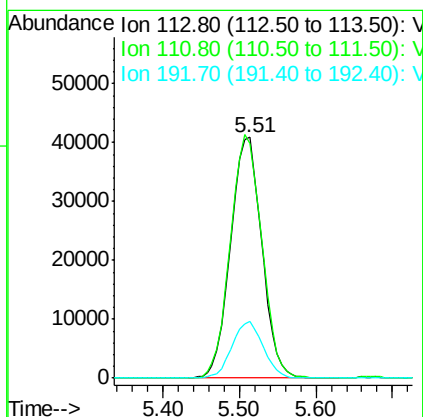
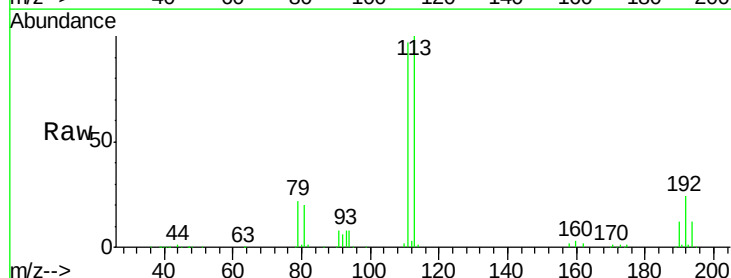
RT: 5.51 min Scan# 808

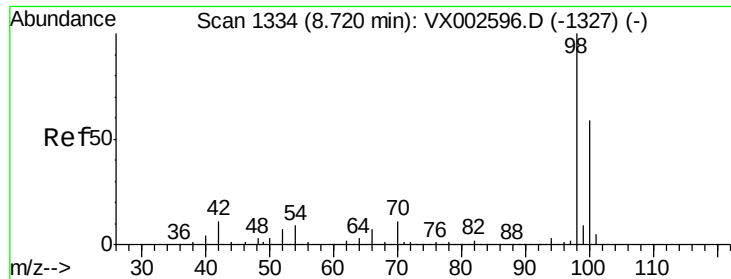
Delta R.T. 0.01 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Tgt Ion:	113	Resp:	116339
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.4	122.0
192	23.5	19.1	28.7





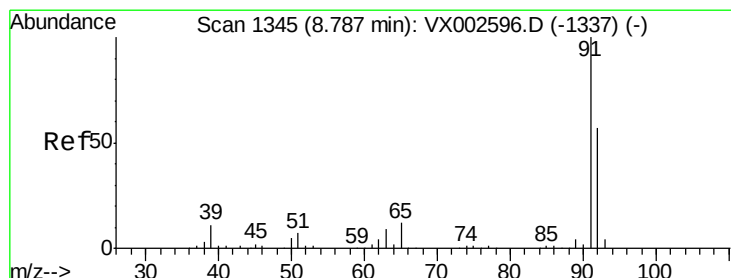
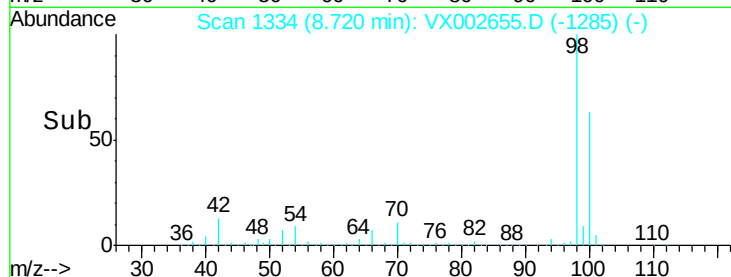
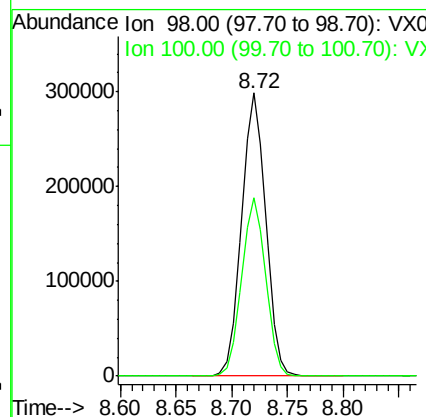
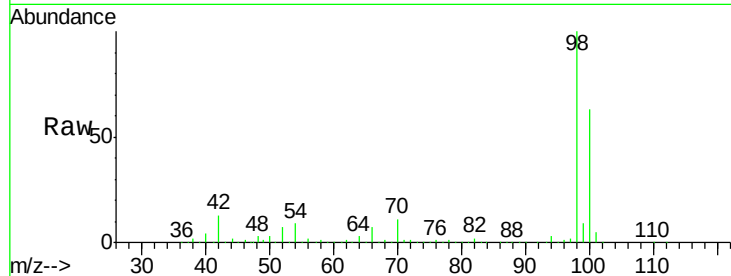
#50
Toluene-d8
Concen: 47.409 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002655.D
Acq: 16 Jun 2018 18:59

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-05-061118DL

Tot Ion: 98 Resp: 449424
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

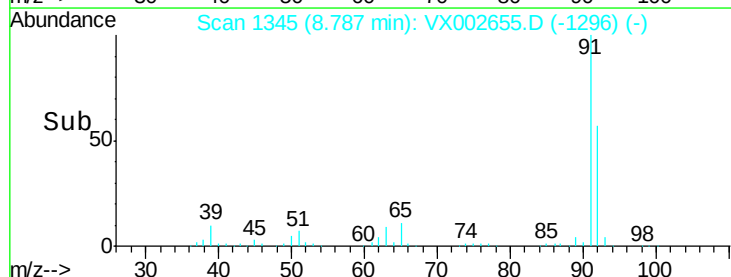
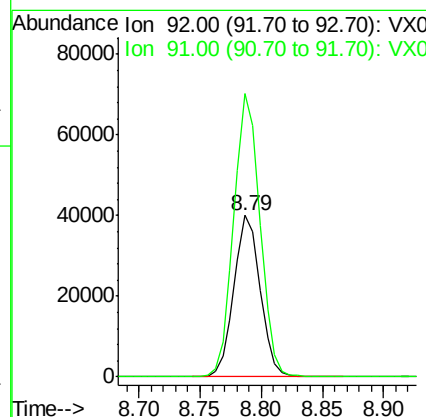
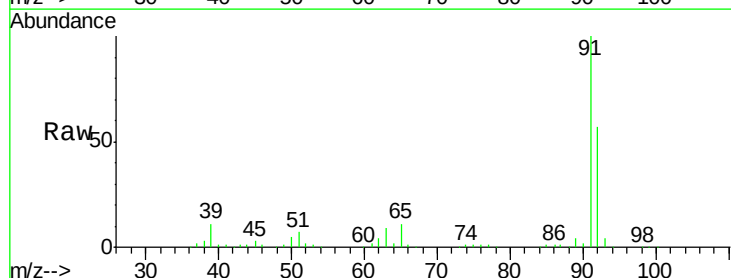
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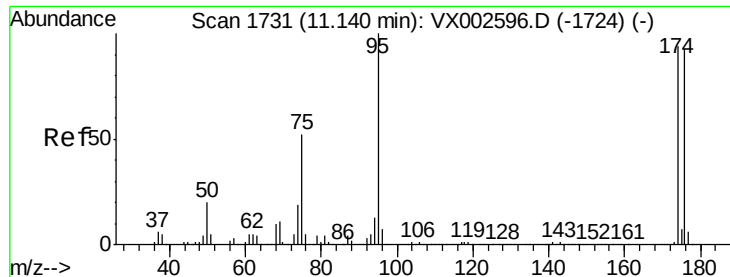
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#52
Toluene
Concen: 9.327 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002655.D
Acq: 16 Jun 2018 18:59

Tgt Ion: 92 Resp: 59269
Ion Ratio Lower Upper
92 100
91 176.0 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 45.333 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

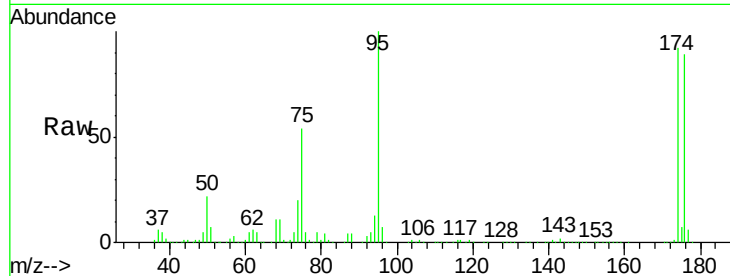
ClientSampleId :

PR-MW-05-061118DL

Tot Ion:	95	Resp:	162844
Ion Ratio	Lower	Upper	
95	100		
174	97.2	0.0	187.4
176	94.1	0.0	181.0

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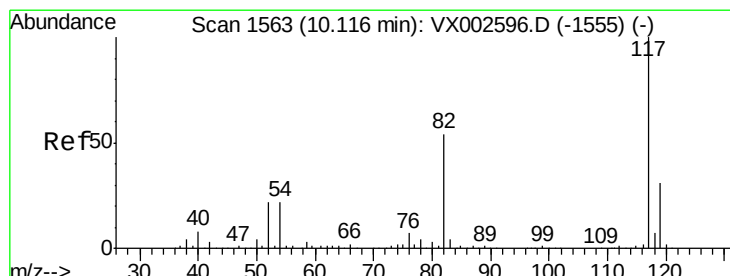
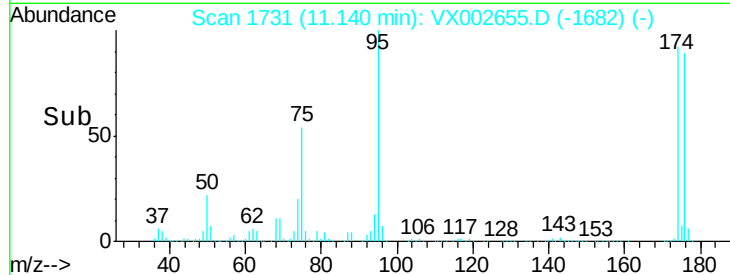
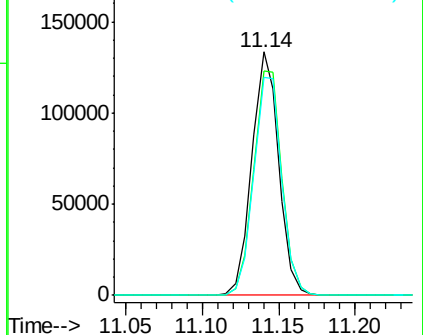
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Abundance Ion 94.90 (94.60 to 95.60): VX002655.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX002655.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX002655.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002655.D

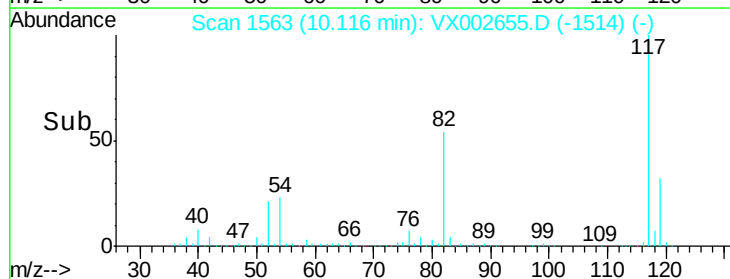
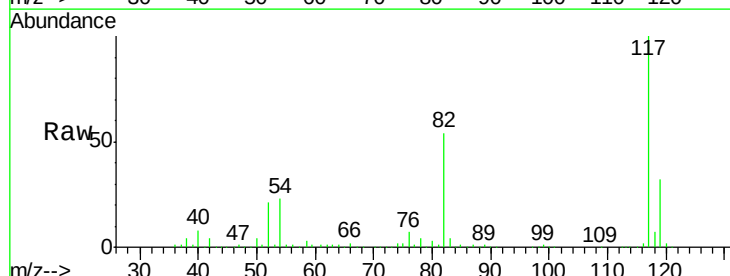
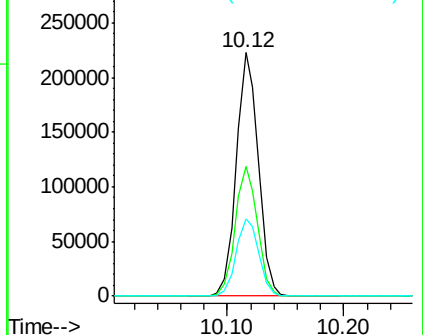
Acq: 16 Jun 2018 18:59

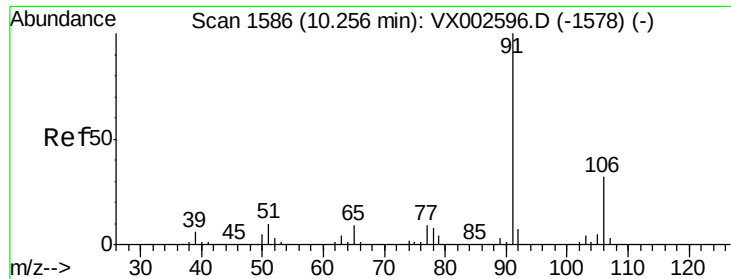
Tgt Ion:	117	Resp:	293563
Ion Ratio	Lower	Upper	
117	100		
82	53.5	45.0	67.4
119	32.0	25.8	38.6

Abundance Ion 116.90 (116.60 to 117.60): VX002655.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX002655.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX002655.D (-1514) (-)





#67

Ethyl Benzene

Concen: 25.207 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118DL

Tot Ion: 91 Resp: 306520

Ion Ratio Lower Upper

91 100

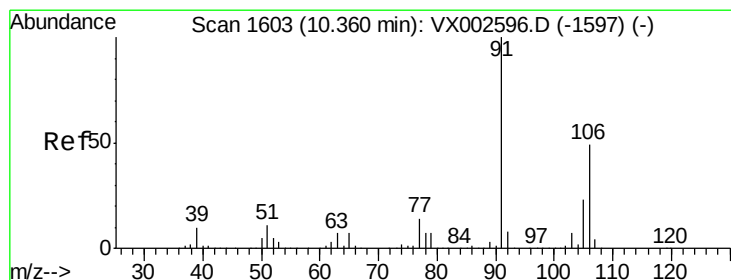
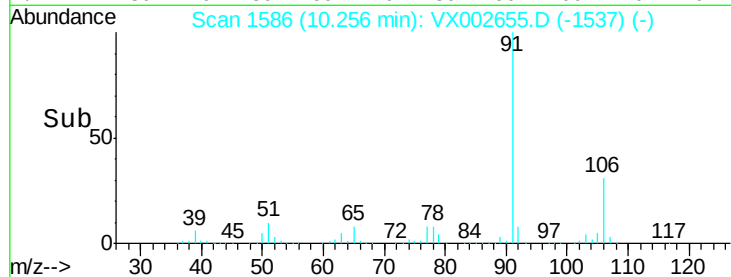
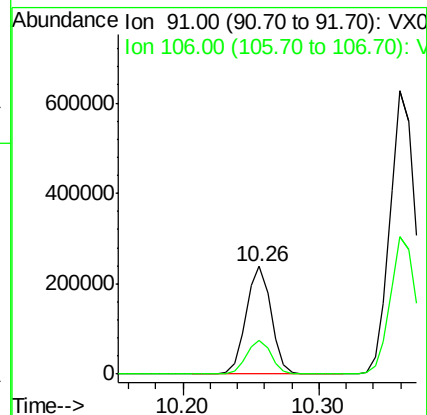
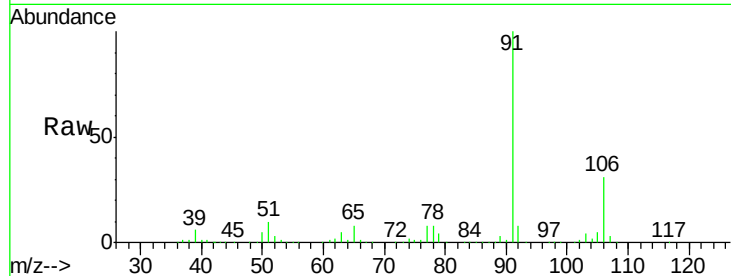
106 31.0 25.5 38.3

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6/19/2018 1:04:50 PM



#68

m/p-Xylenes

Concen: 85.419 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002655.D

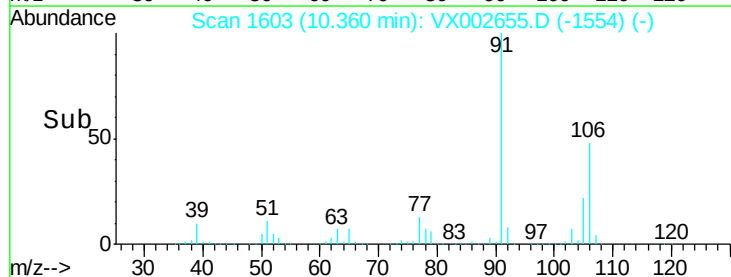
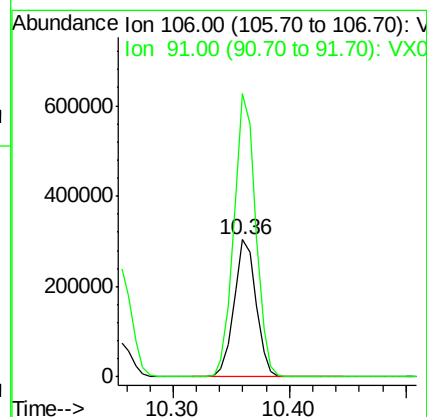
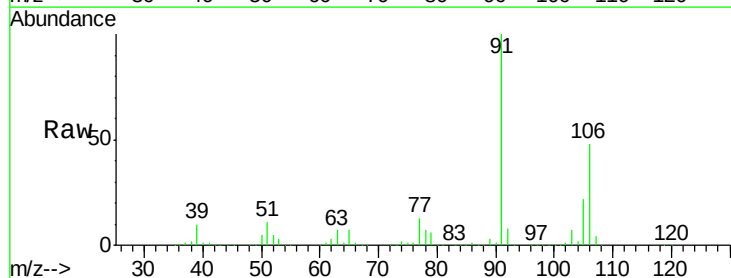
Acq: 16 Jun 2018 18:59

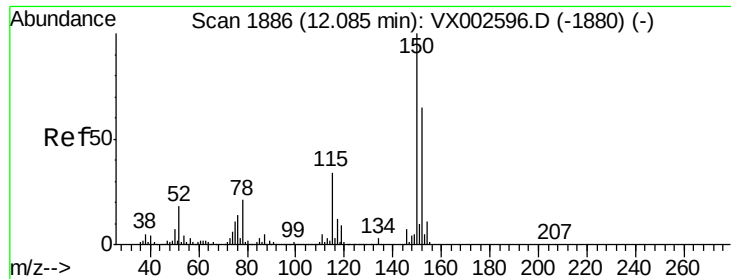
Tgt Ion: 106 Resp: 400677

Ion Ratio Lower Upper

106 100

91 204.2 163.4 245.2





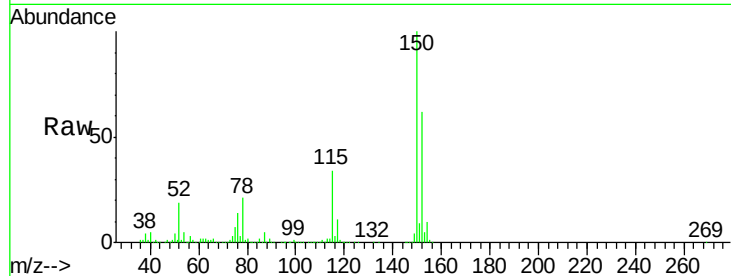
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002655.D
 Acq: 16 Jun 2018 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-05-061118DL

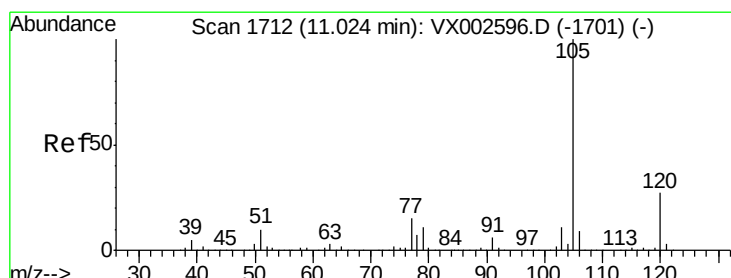
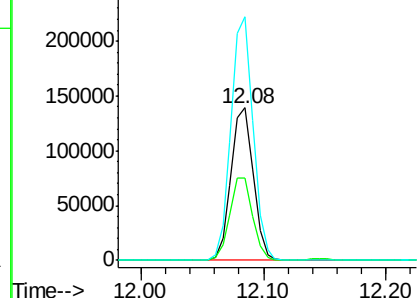
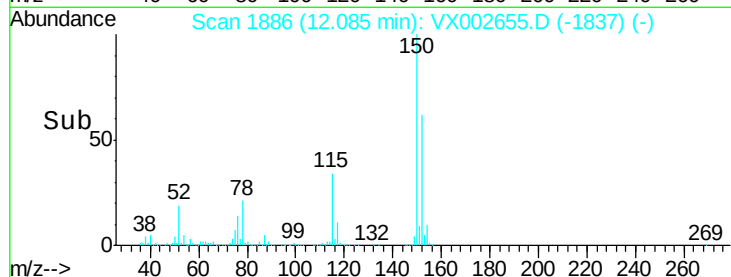
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.1	120.2
150	157.9	0.0	347.2

Manual Integrations
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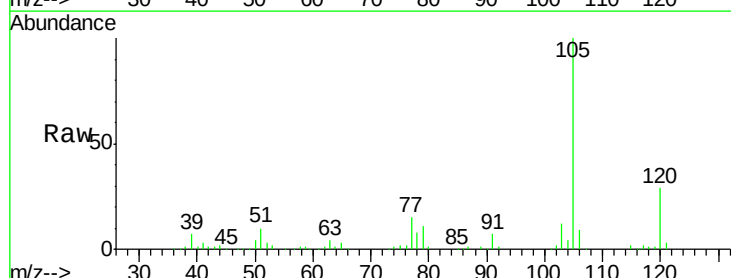


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

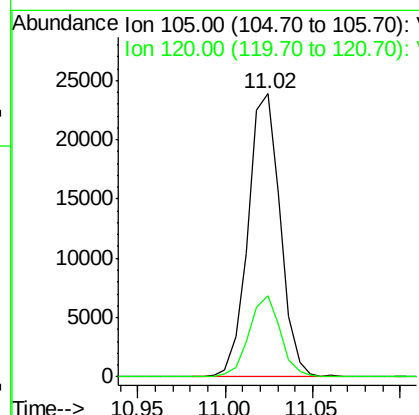
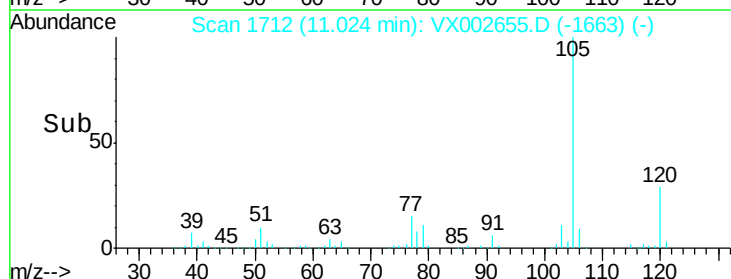


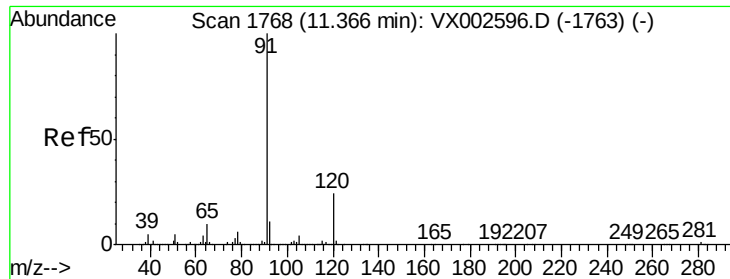
#73
 Isopropylbenzene
 Concen: 2.601 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX002655.D
 Acq: 16 Jun 2018 18:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.5	40.4



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





#78

n-propylbenzene

Concen: 2.185 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118DL

Tot Ion: 91 Resp: 29357

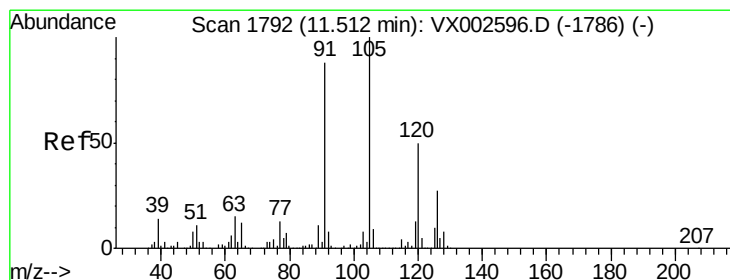
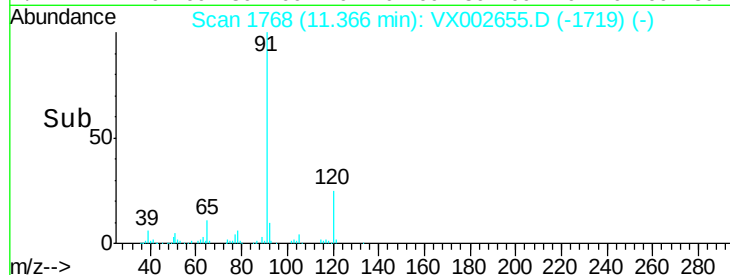
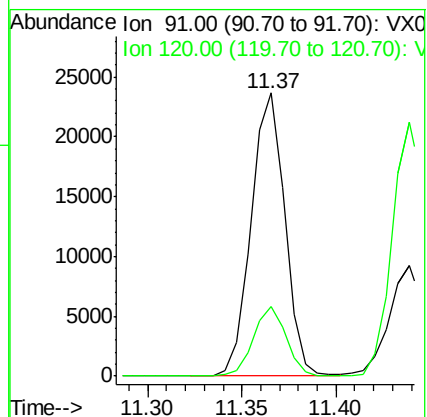
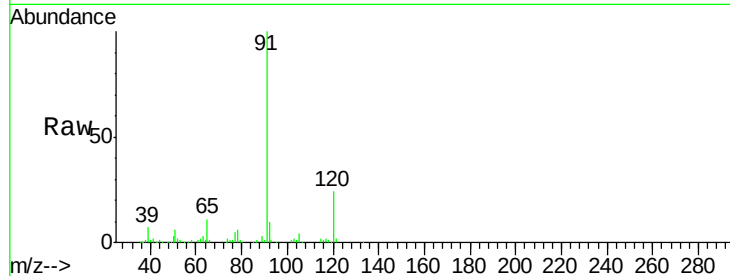
Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 4.194 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002655.D

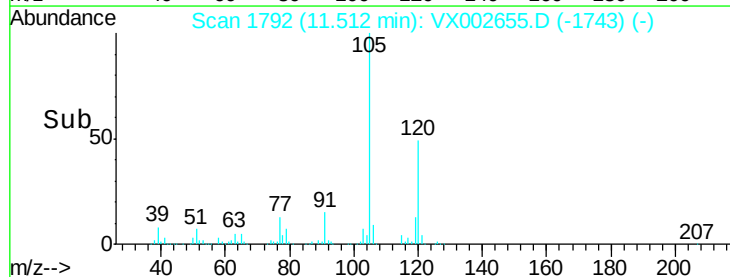
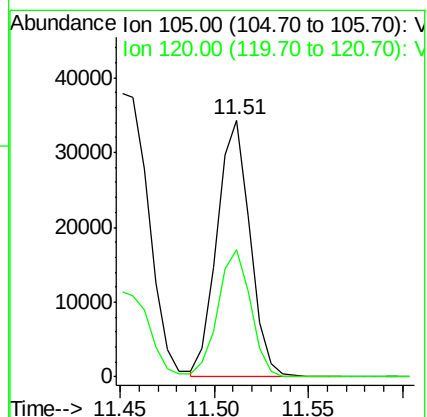
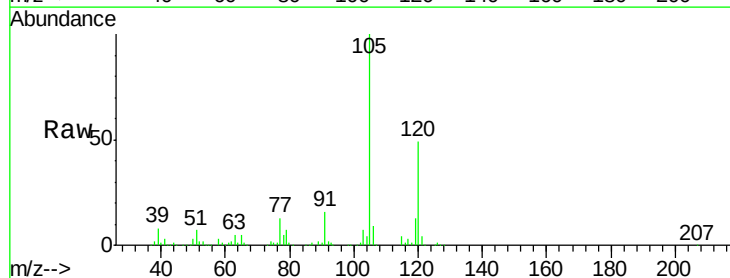
Acq: 16 Jun 2018 18:59

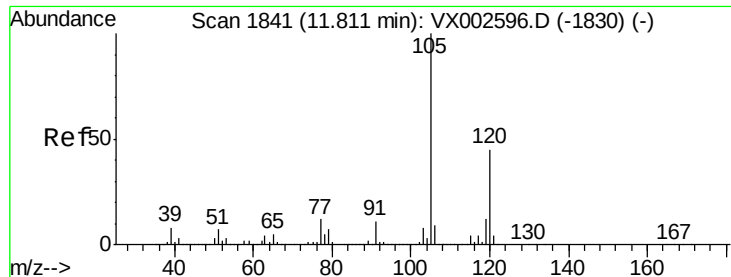
Tgt Ion: 105 Resp: 41527

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4





#84

1,2,4-Trimethylbenzene

Concen: 16.240 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-05-061118DL

Tot Ion:105 Resp: 164087

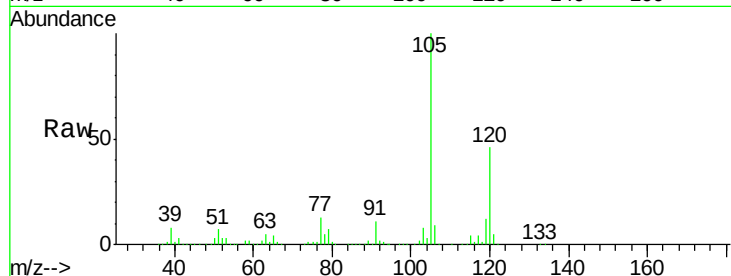
Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.8

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:04:50 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.81

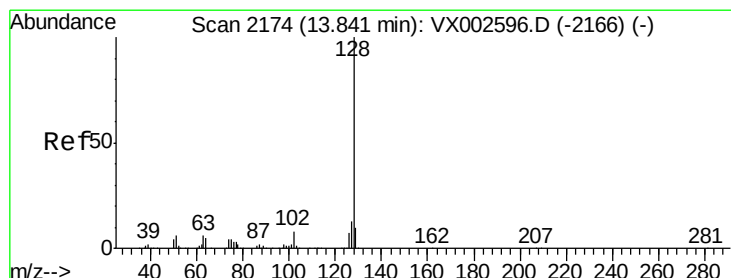
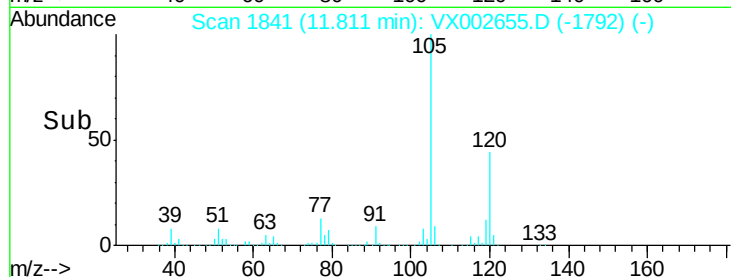
150000

100000

50000

0

Time-->



#95

Naphthalene

Concen: 5.539 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002655.D

Acq: 16 Jun 2018 18:59

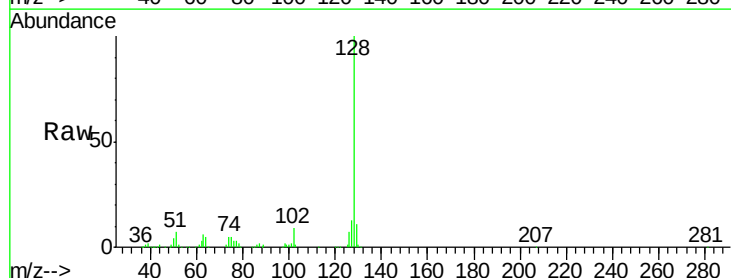
Tgt Ion:128 Resp: 65171

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.0 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

13.84

60000

40000

20000

0

Time-->

