

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002656.D
 Acq On : 16 Jun 2018 19:25
 Operator : JC/MD
 Sample : J3467-10DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-01-061218DL

Manual Integrations
 APPROVED

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 6/19/2018 1:04:52 PM

Quant Time: Jun 18 11:13:34 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	215020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	162329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144691	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
35) Dibromofluoromethane	5.51	113	112951	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	8.72	98	430484	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
62) 4-Bromofluorobenzene	11.14	95	152042	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
Target Compounds						
52) Toluene	8.79	92	22722	3.641	ug/l	99
67) Ethyl Benzene	10.26	91	216132	18.391	ug/l	99
68) m/p-Xylenes	10.37	106	180595	39.838	ug/l	100
69) o-Xylene	10.70	106	81414	18.279	ug/l	100
73) Isopropylbenzene	11.02	105	26416	2.433	ug/l	100
78) n-propylbenzene	11.37	91	34124	2.741	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	145325	15.839	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	349589	37.340	ug/l	98
95) Naphthalene	13.84	128	130036	11.927	ug/l	98

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

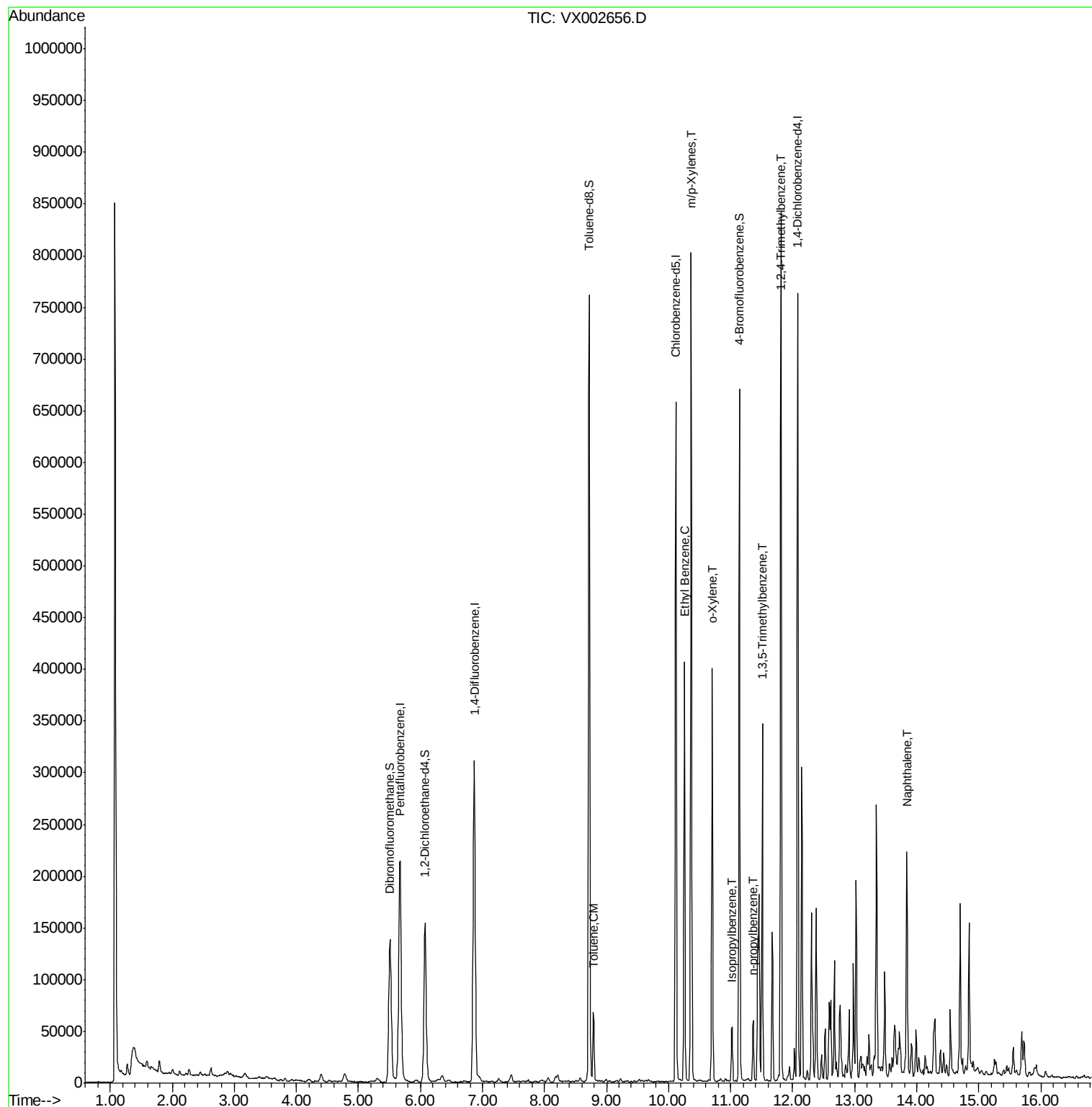
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002656.D
Acq On : 16 Jun 2018 19:25
Operator : JC/MD
Sample : J3467-10DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

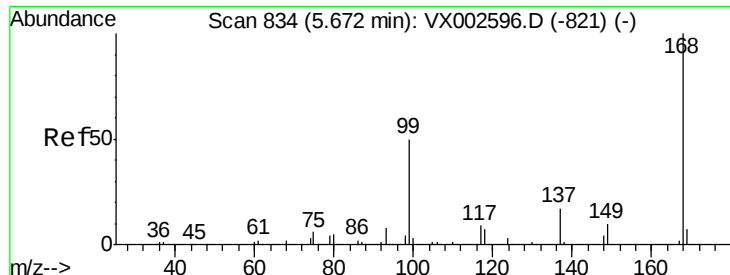
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

Manual Integrations
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Quant Time: Jun 18 11:13:34 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: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

Tot Ion:168 Resp: 215020

Ion Ratio Lower Upper

168 100

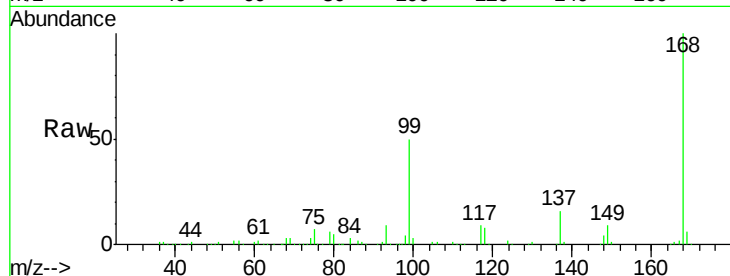
99 49.6 39.3 58.9

Manual Integrations

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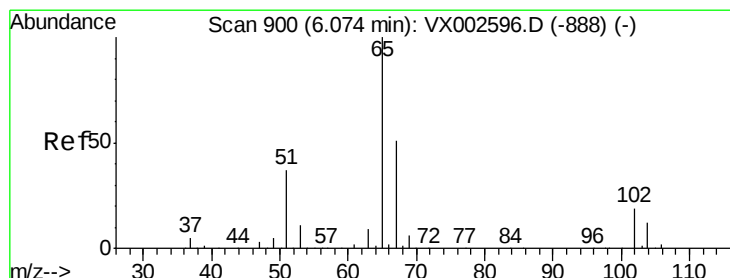
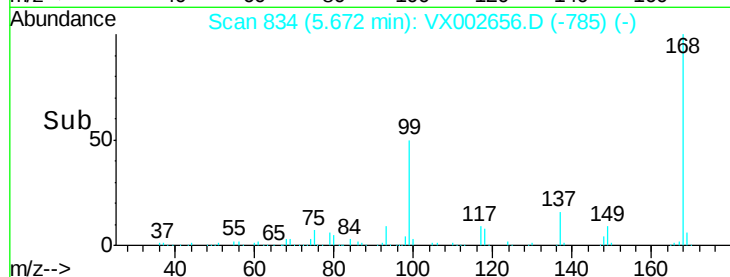
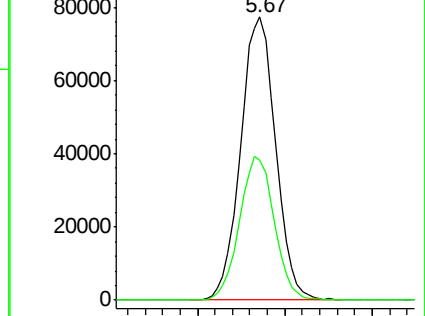
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.282 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002656.D

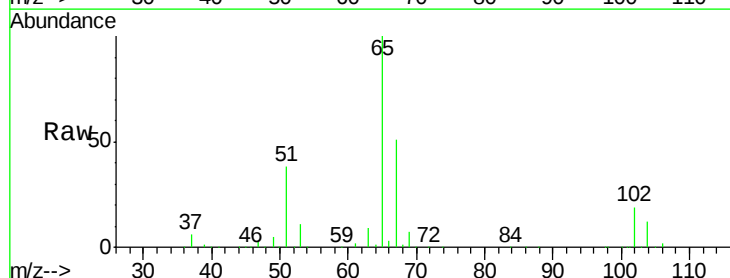
Acq: 16 Jun 2018 19:25

Tgt Ion: 65 Resp: 144691

Ion Ratio Lower Upper

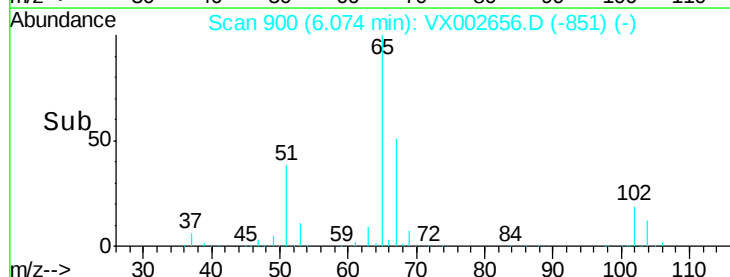
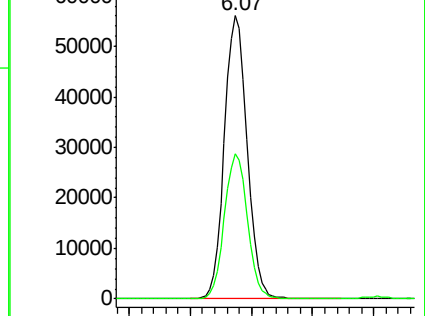
65 100

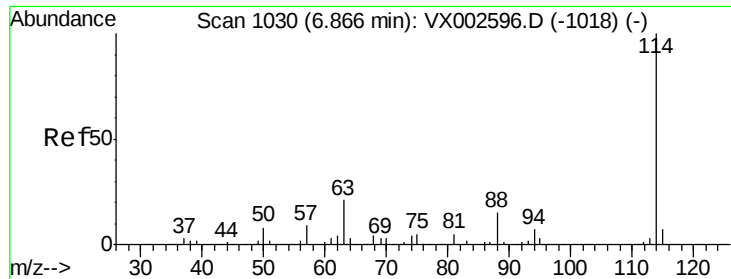
67 51.7 0.0 102.6



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: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

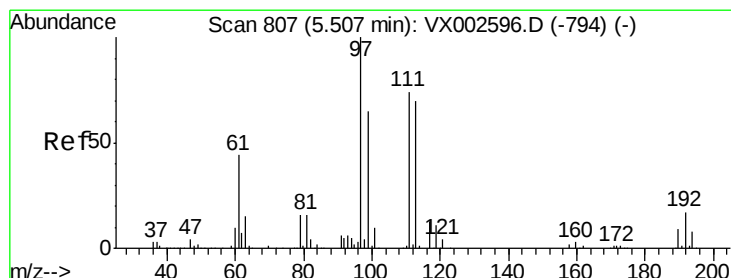
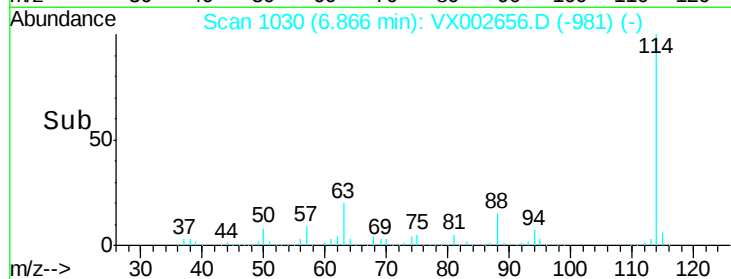
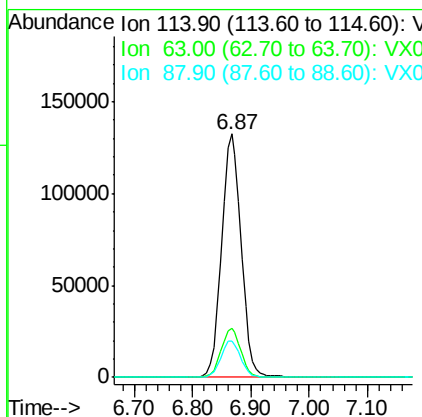
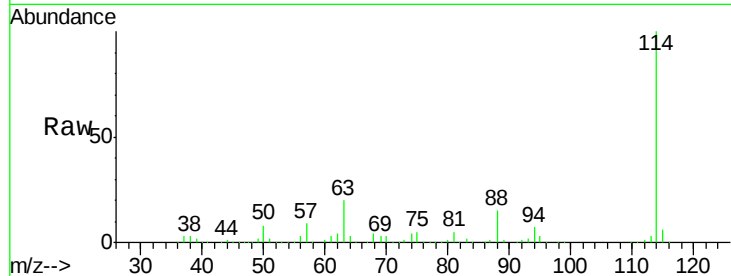
ClientSampleId :

PR-MW-01-061218DL

Tot Ion:	114	Resp:	307237
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	41.4
88	15.1	0.0	30.0

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#35

Dibromofluoromethane

Concen: 46.064 ug/l

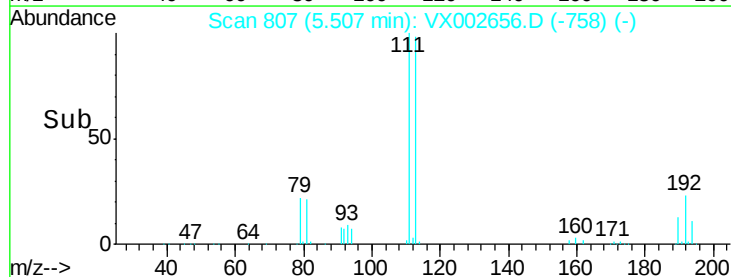
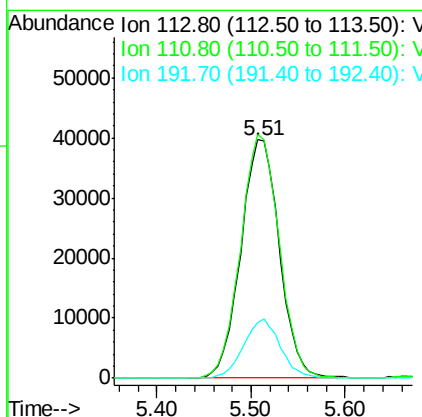
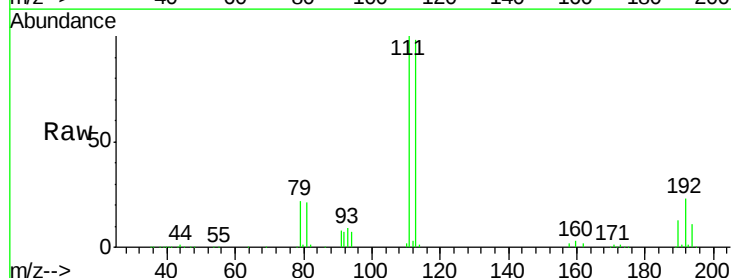
RT: 5.51 min Scan# 807

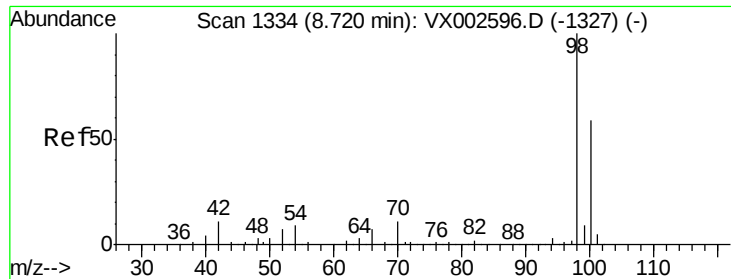
Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Tgt Ion:	113	Resp:	112951
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.0
192	23.8	19.1	28.7





#50

Toluene-d8

Concen: 46.237 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

Tot Ion: 98 Resp: 430484

Ion Ratio Lower Upper

98 100

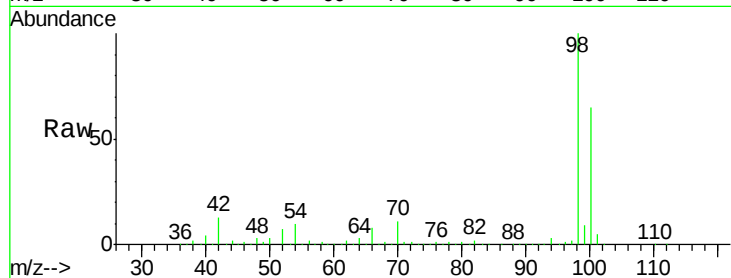
100 64.2 50.9 76.3

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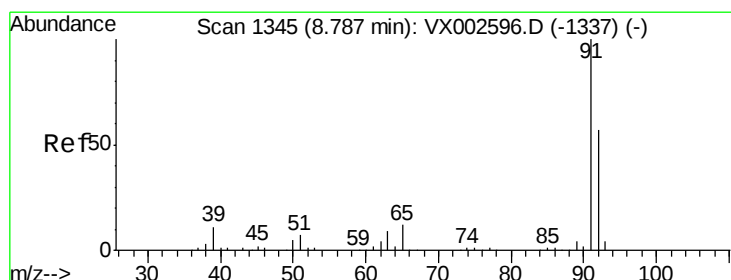
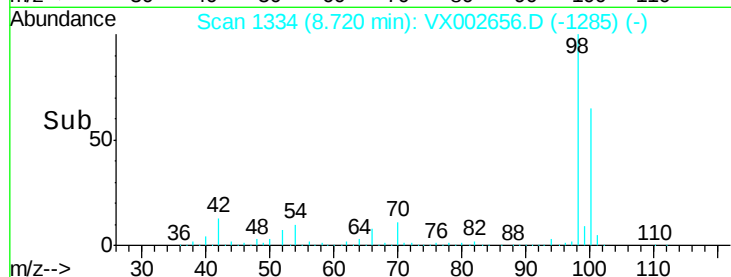
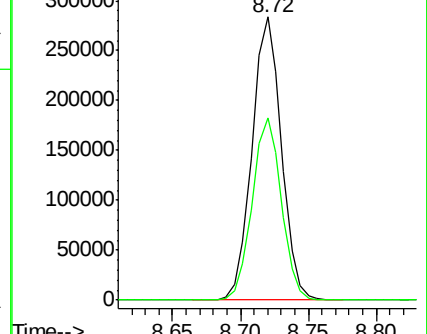
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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 3.641 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002656.D

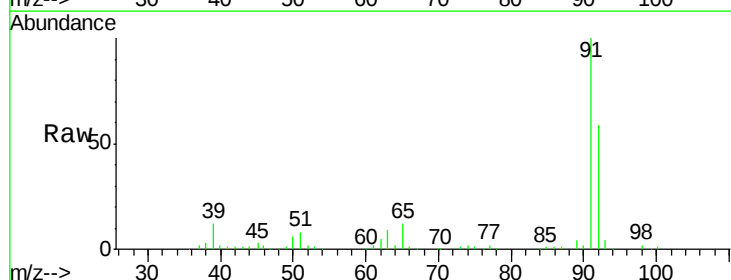
Acq: 16 Jun 2018 19:25

Tgt Ion: 92 Resp: 22722

Ion Ratio Lower Upper

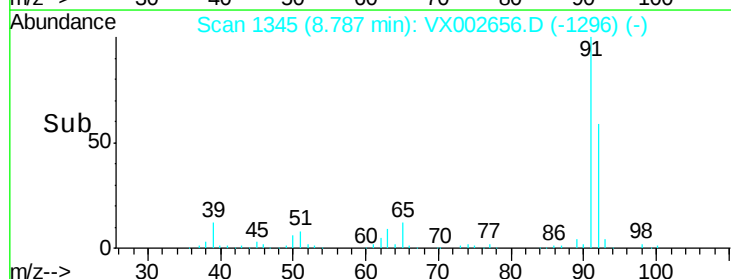
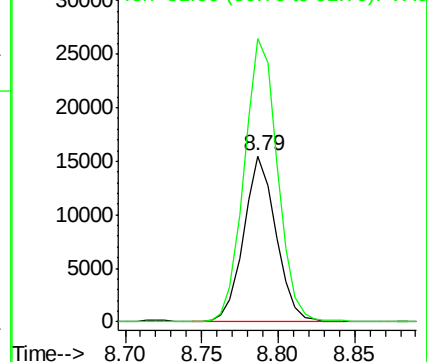
92 100

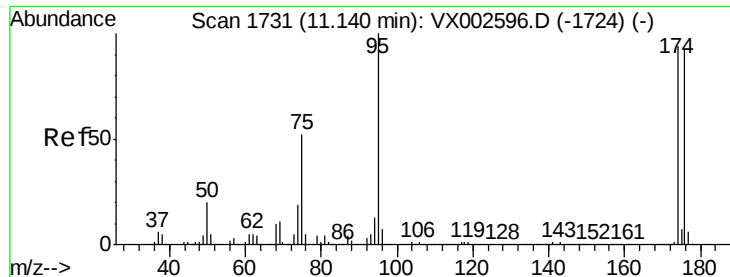
91 177.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.096 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

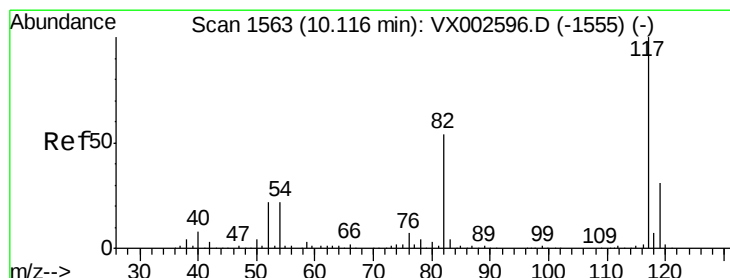
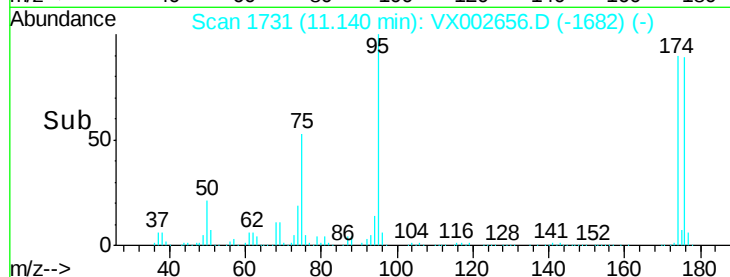
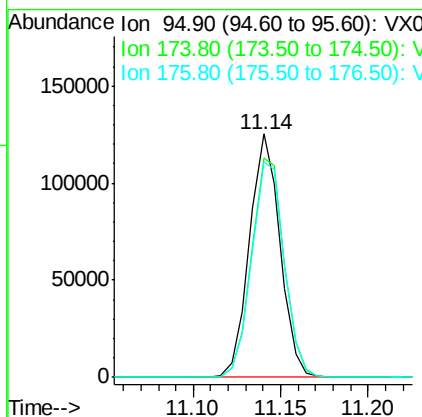
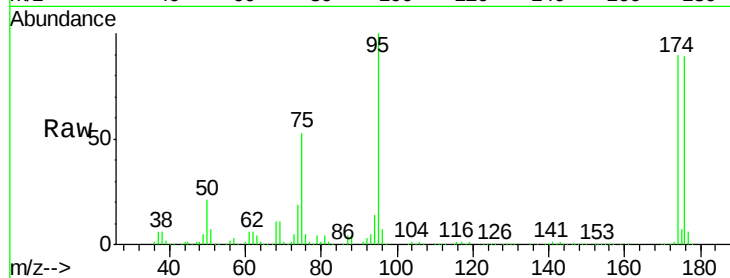
ClientSampleId :

PR-MW-01-061218DL

Tot Ion:	95	Resp:	152042
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	187.4
176	94.4	0.0	181.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

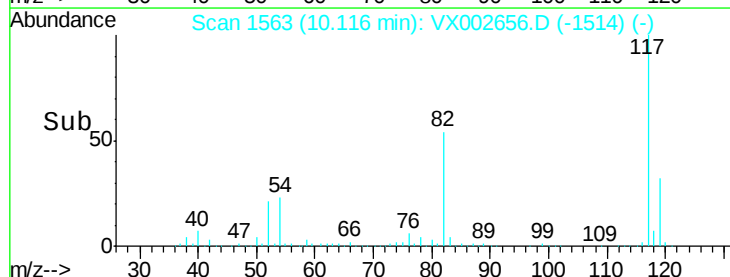
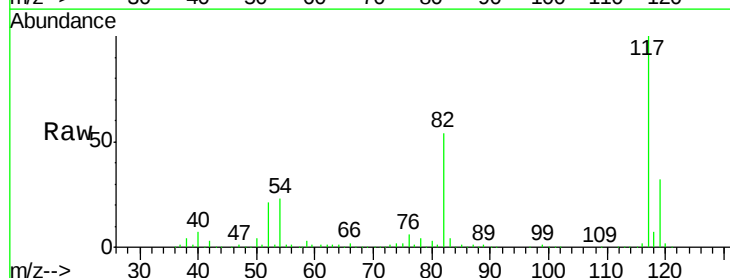
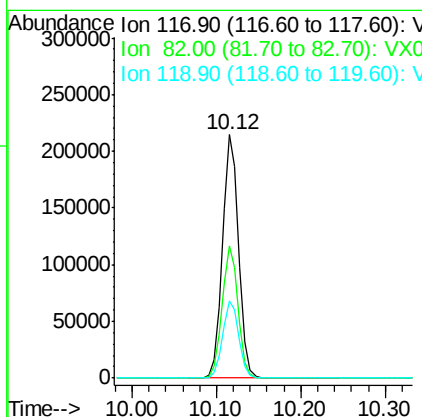
RT: 10.12 min Scan# 1563

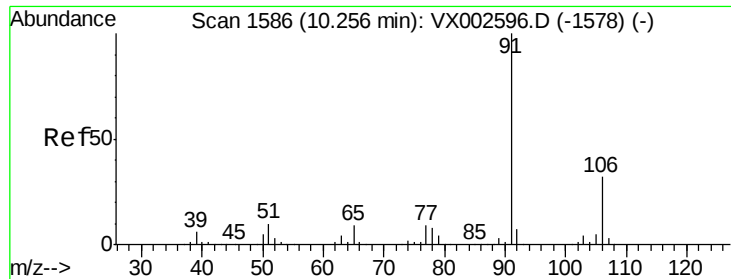
Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Tgt Ion:	117	Resp:	283707
Ion Ratio	Lower	Upper	
117	100		
82	54.1	45.0	67.4
119	31.7	25.8	38.6





#67

Ethyl Benzene

Concen: 18.391 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

Tot Ion: 91 Resp: 216132

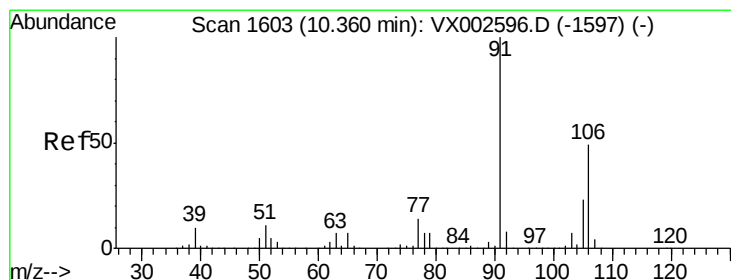
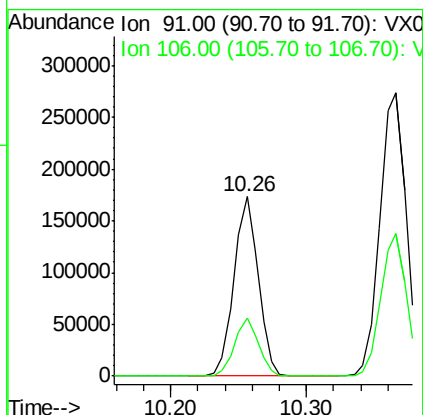
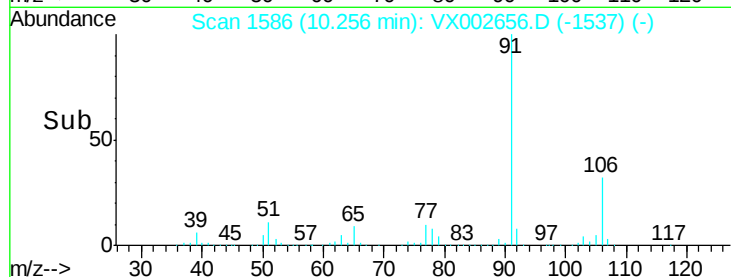
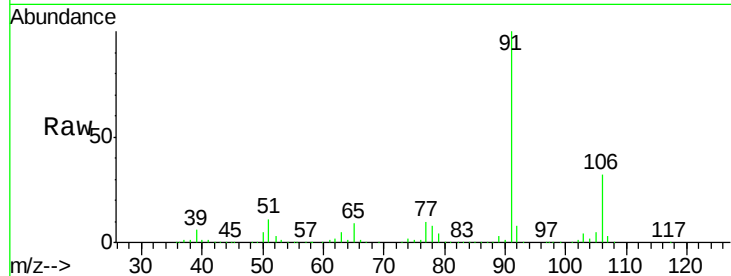
Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3

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#68

m/p-Xylenes

Concen: 39.838 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002656.D

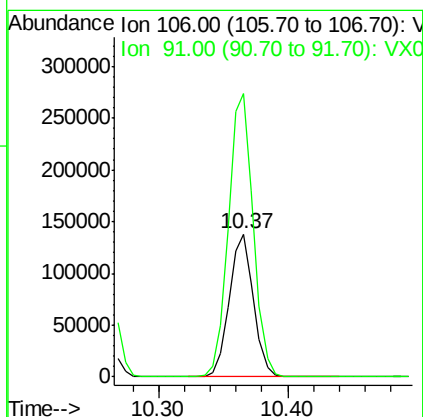
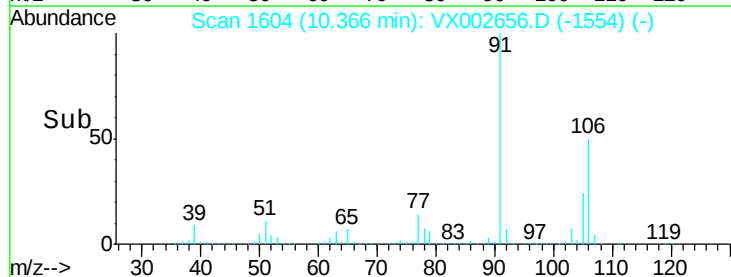
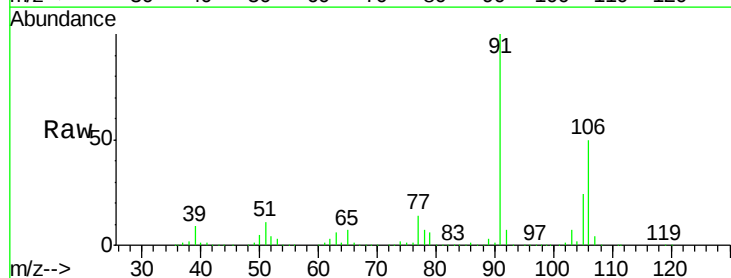
Acq: 16 Jun 2018 19:25

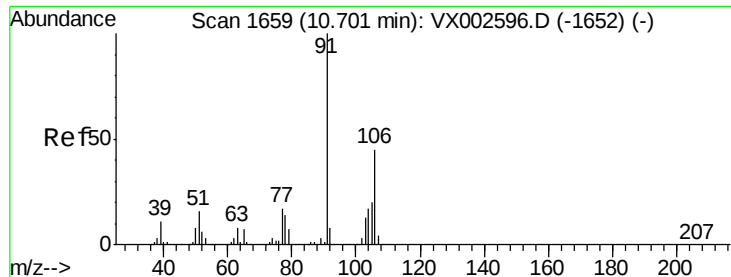
Tgt Ion: 106 Resp: 180595

Ion Ratio Lower Upper

106 100

91 203.6 163.4 245.2





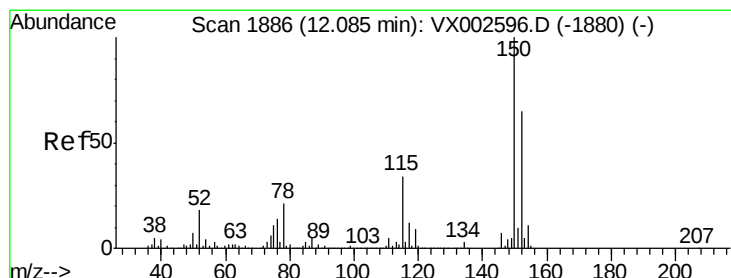
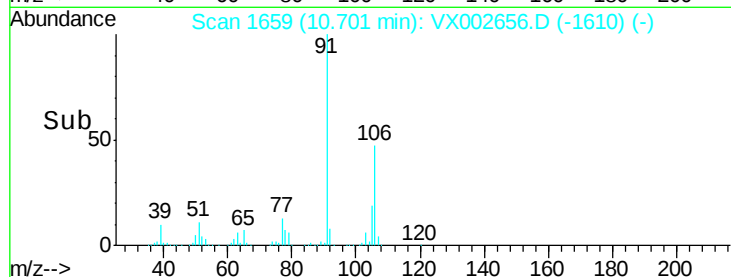
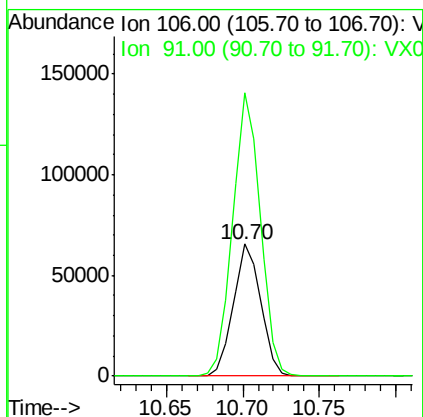
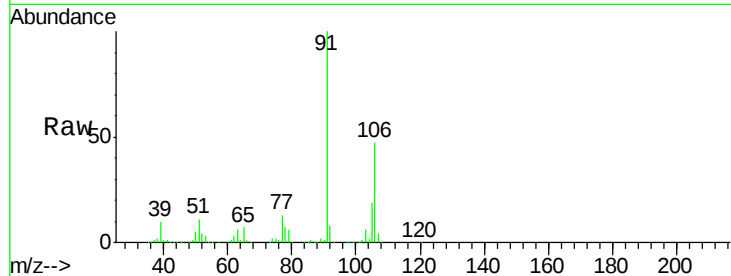
#69
o-Xylene
Concen: 18.279 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

Tot Ion:106 Resp: 81414
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

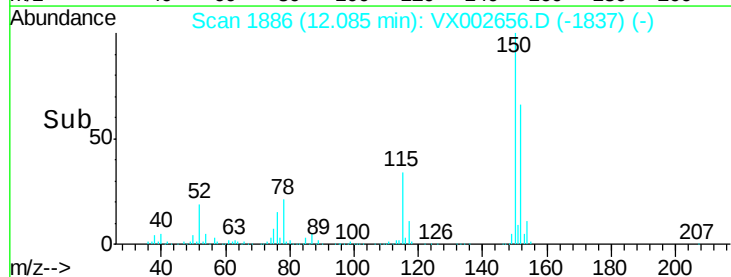
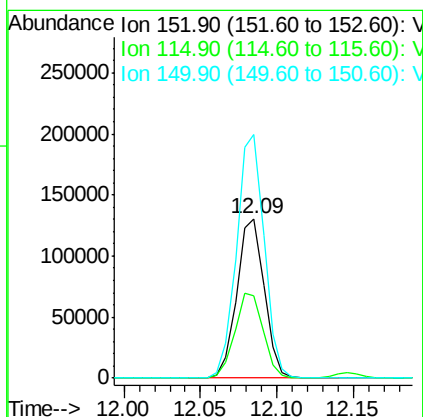
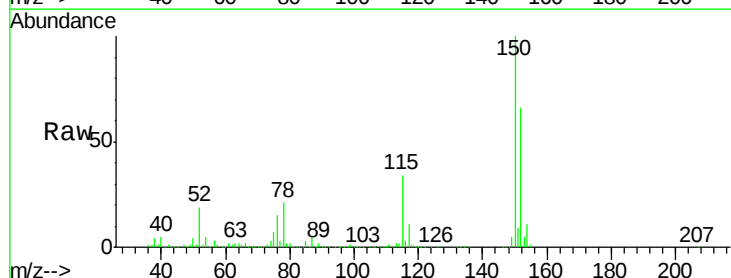
Manual Integrations
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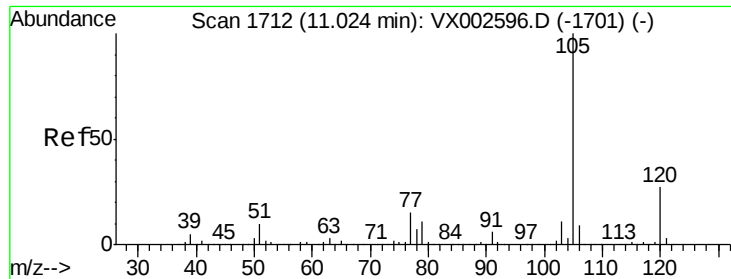
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Tgt Ion:152 Resp: 162329
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 153.8 0.0 347.2





#73

Isopropylbenzene

Concen: 2.433 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

Tot Ion: 105 Resp: 26416

Ion Ratio Lower Upper

105 100

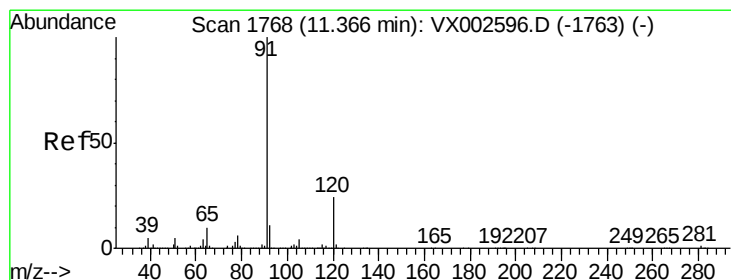
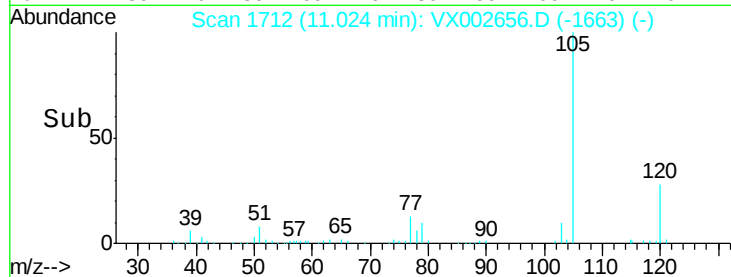
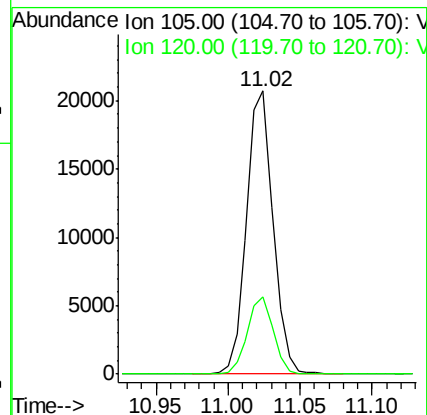
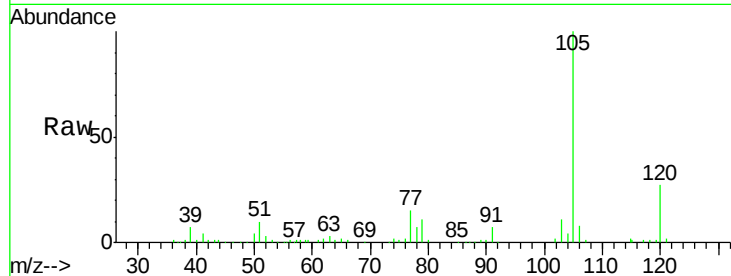
120 26.7 13.5 40.4

Manual Integrations

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#78

n-propylbenzene

Concen: 2.741 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002656.D

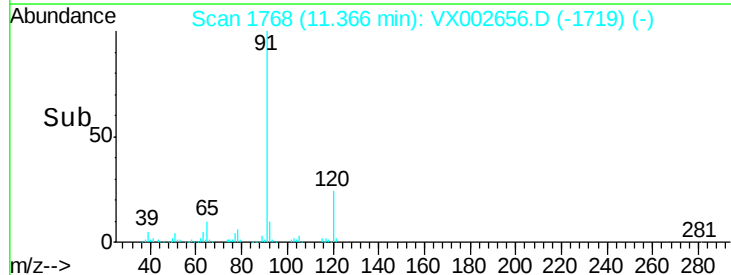
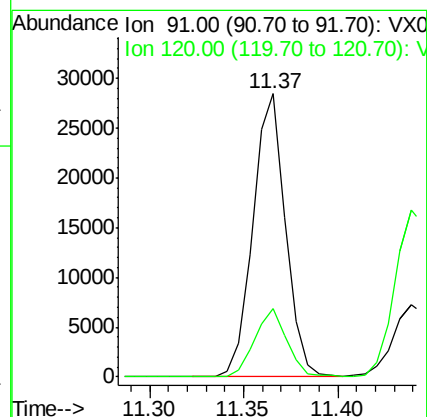
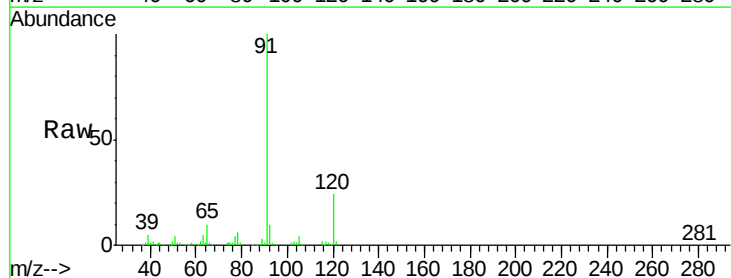
Acq: 16 Jun 2018 19:25

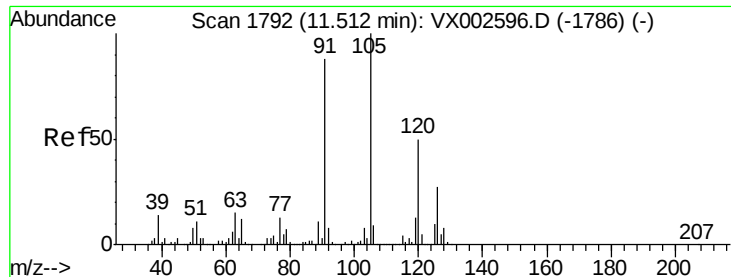
Tgt Ion: 91 Resp: 34124

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 15.839 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002656.D

Acq: 16 Jun 2018 19:25

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-01-061218DL

Tot Ion:105 Resp: 145325

Ion Ratio Lower Upper

105 100

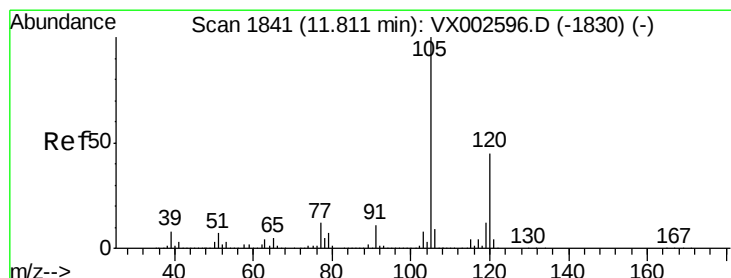
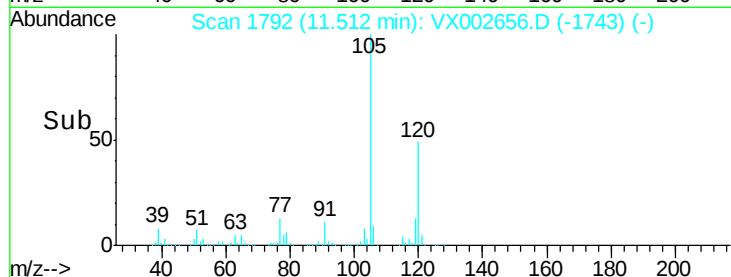
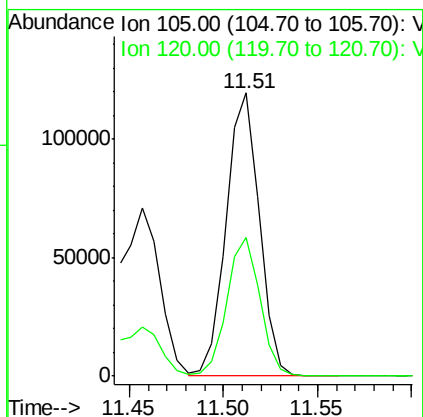
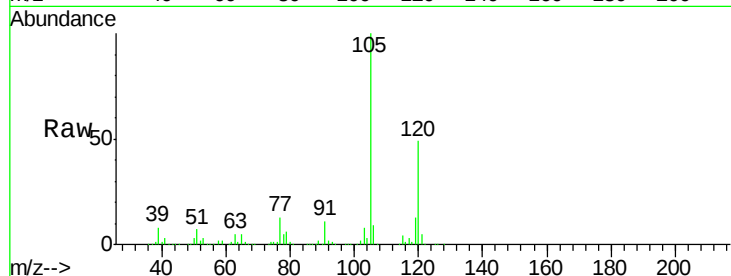
120 48.6 24.4 73.4

Manual Integrations

APPROVED

MMDadoda

6/19/2018 1:04:52 PM



#84

1,2,4-Trimethylbenzene

Concen: 37.340 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002656.D

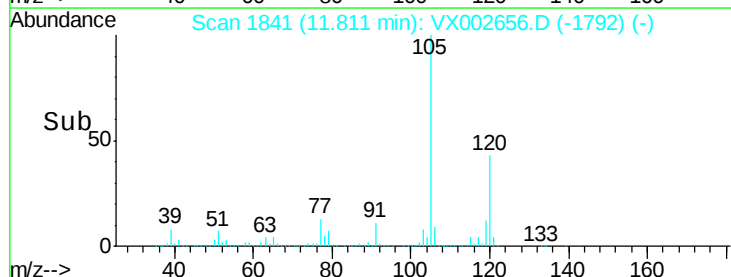
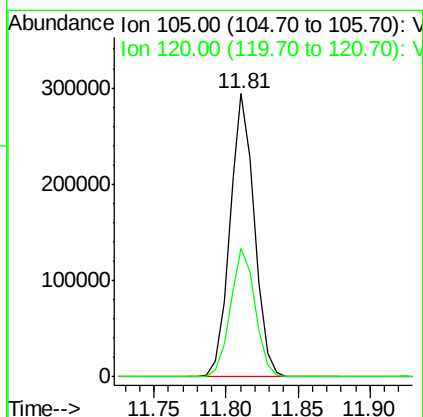
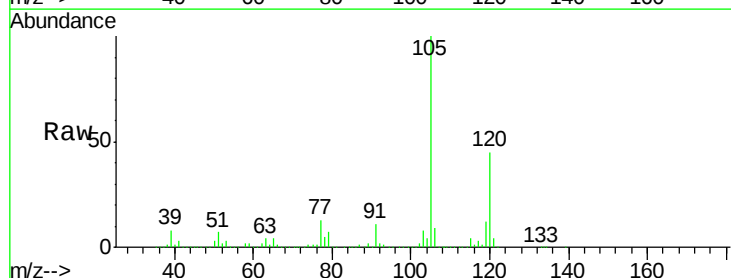
Acq: 16 Jun 2018 19:25

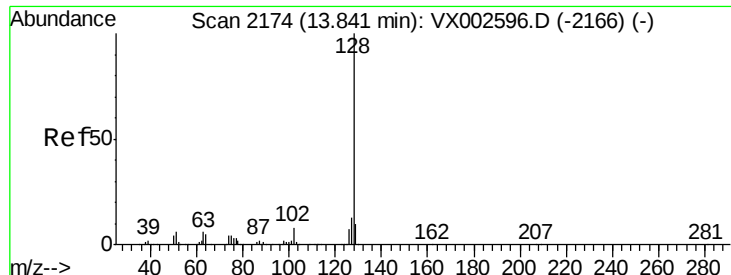
Tgt Ion:105 Resp: 349589

Ion Ratio Lower Upper

105 100

120 46.0 22.3 66.8





#95
Naphthalene
Concen: 11.927 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002656.D
Acq: 16 Jun 2018 19:25

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-01-061218DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:04:52 PM

