

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002658.D
 Acq On : 16 Jun 2018 20:18
 Operator : JC/MD
 Sample : J3467-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PR-MW-02-061118

Manual Integrations
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 6/19/2018 1:04:53 PM

Quant Time: Jun 18 11:15:04 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	208194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	294352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138844	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.78%	
35) Dibromofluoromethane	5.51	113	109161	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.72	98	424106	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.14	95	148394	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
16) Acetone	2.45	43	8078	5.787	ug/l	92
31) Cyclohexane	5.58	56	9963	2.668	ug/l #	93
39) Methylcyclohexane	7.46	83	15052	4.119	ug/l	92
67) Ethyl Benzene	10.26	91	11150	0.996	ug/l	100
73) Isopropylbenzene	11.02	105	395731	38.772	ug/l	100
78) n-propylbenzene	11.37	91	177861	15.195	ug/l	100
85) sec-Butylbenzene	11.95	105	34968	3.384	ug/l	83
89) n-Butylbenzene	12.39	91	16207m	1.965	ug/l	

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

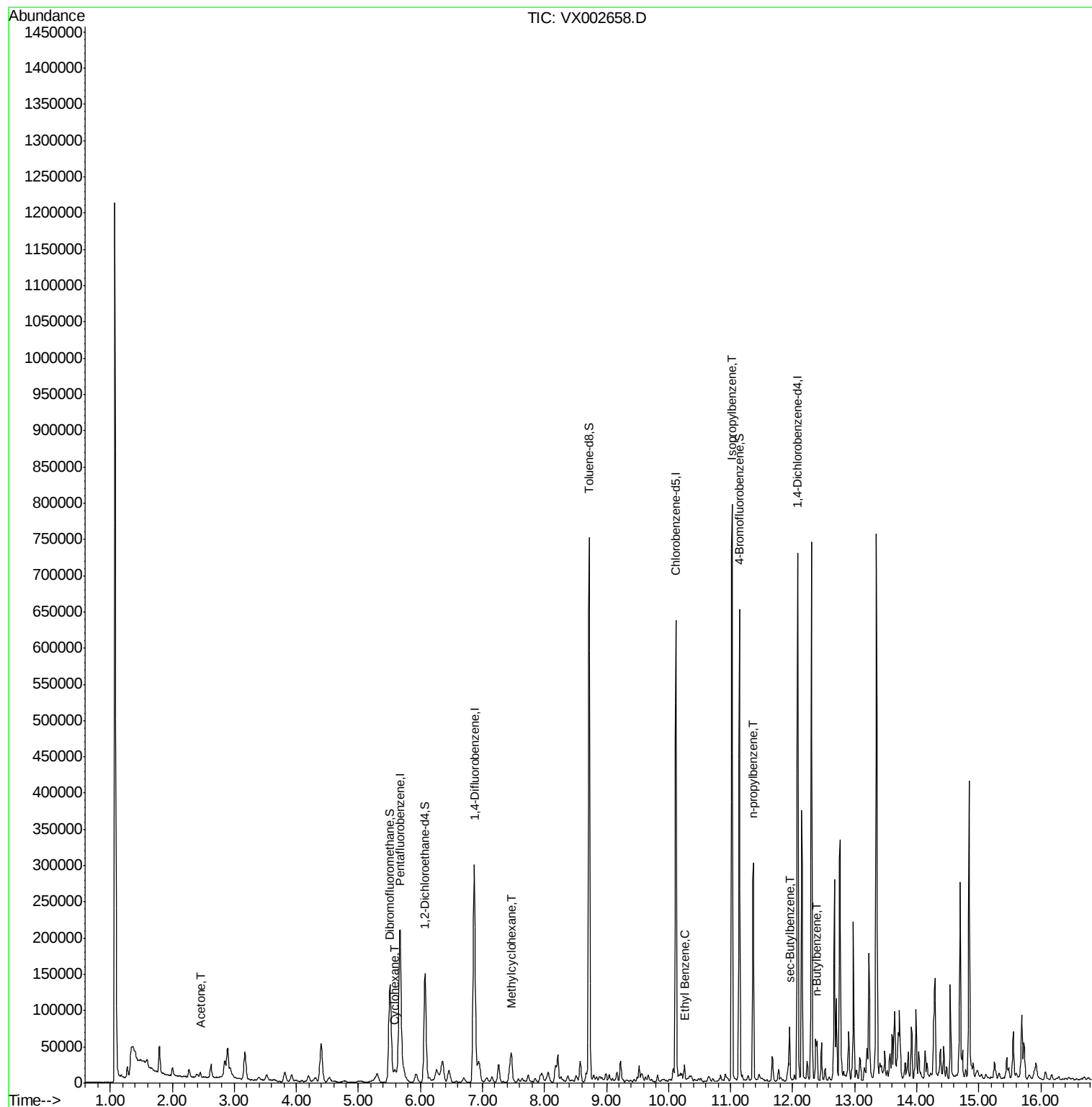
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061618\
Data File : VX002658.D
Acq On : 16 Jun 2018 20:18
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

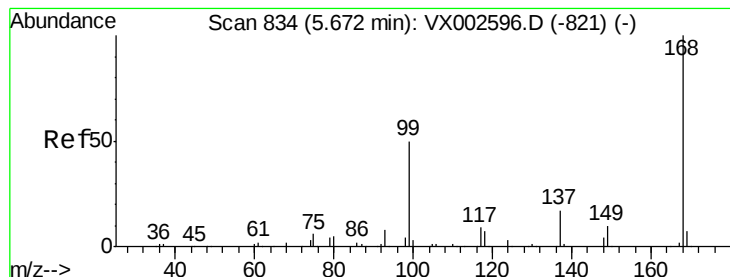
Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

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Quant Time: Jun 18 11:15:04 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: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

Tot Ion:168 Resp: 208194

Ion Ratio Lower Upper

168 100

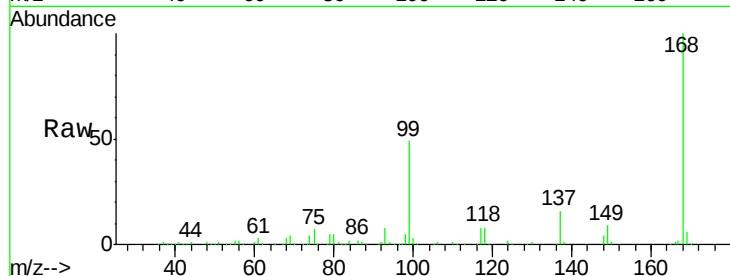
99 48.4 39.3 58.9

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

5.67

80000

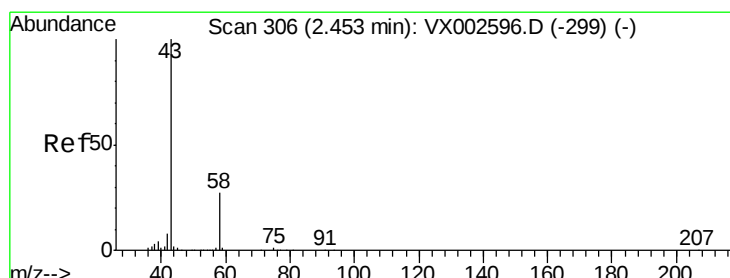
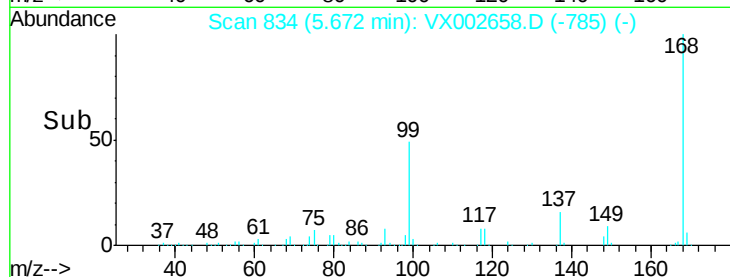
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.787 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002658.D

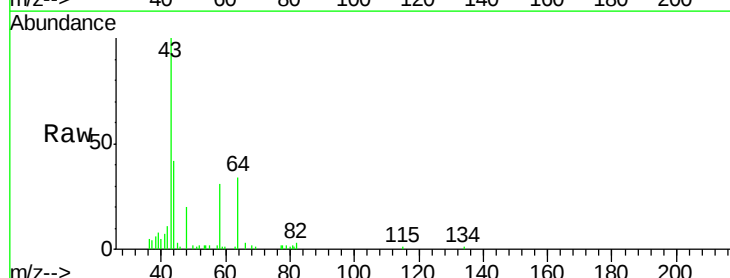
Acq: 16 Jun 2018 20:18

Tgt Ion: 43 Resp: 8078

Ion Ratio Lower Upper

43 100

58 31.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

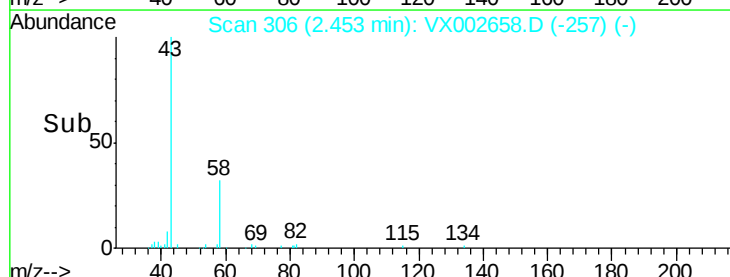
3000

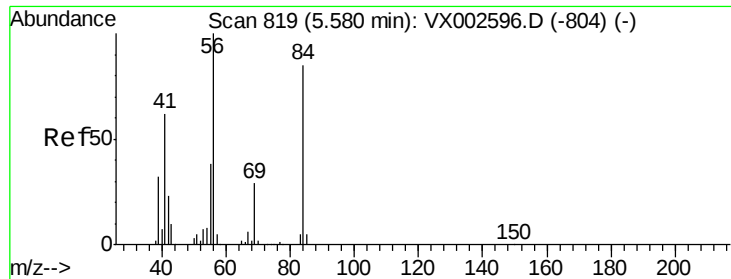
2000

1000

0

Time--> 2.40 2.45 2.50





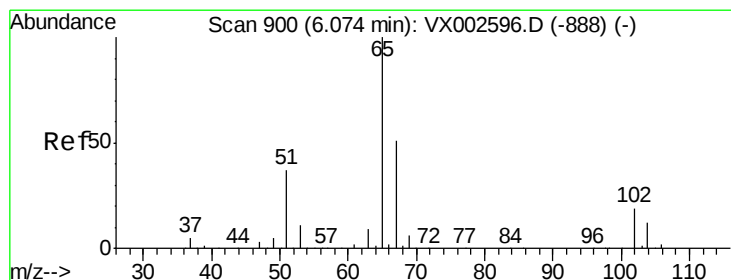
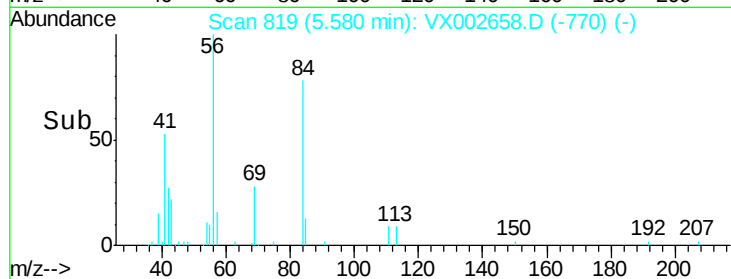
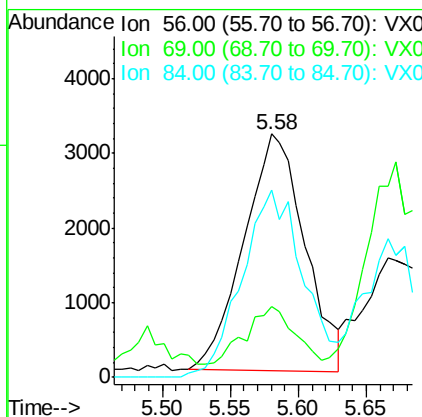
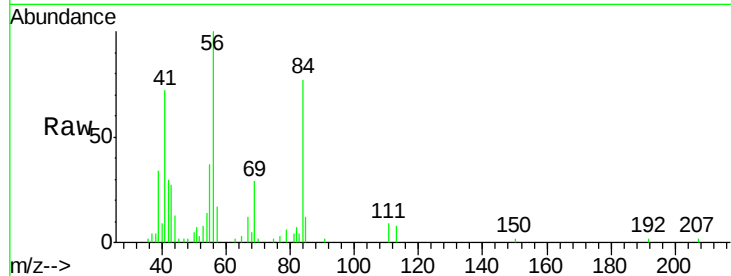
#31
Cyclohexane
Concen: 2.668 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.6	23.7	35.5#
84	77.6	64.1	96.1

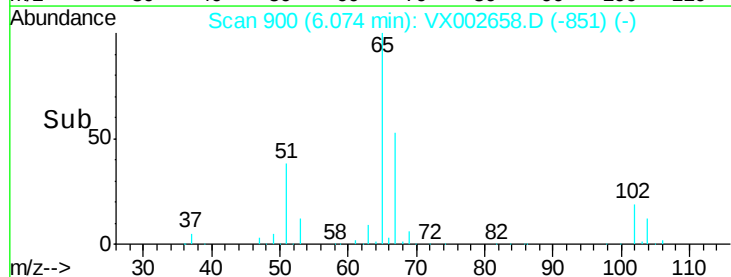
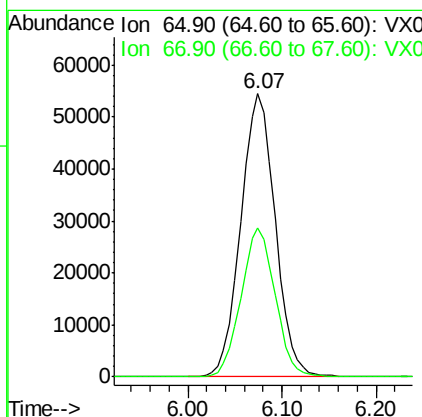
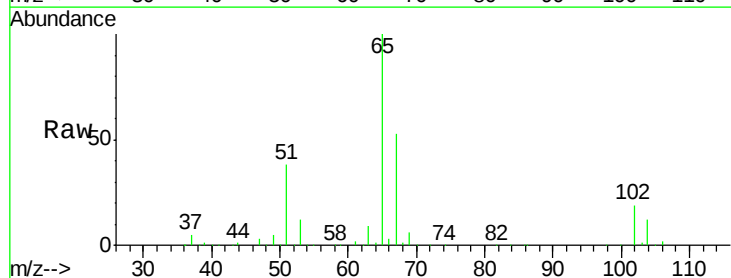
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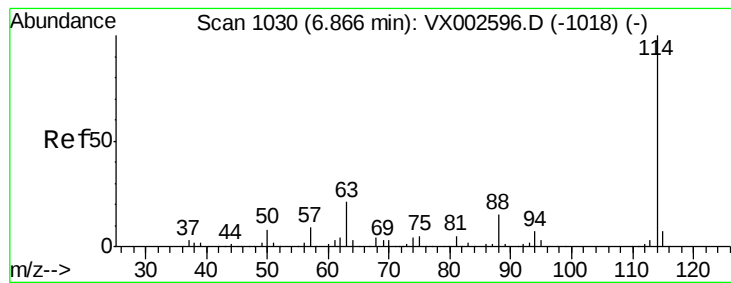
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#33
1,2-Dichloroethane-d4
Concen: 43.886 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

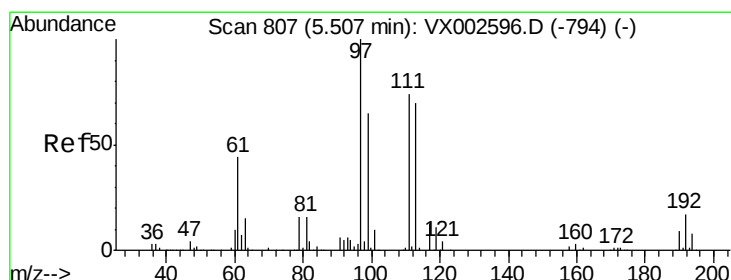
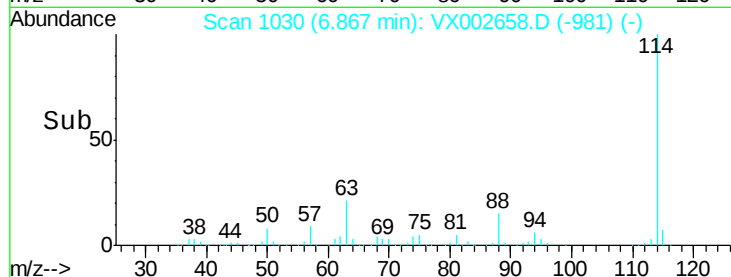
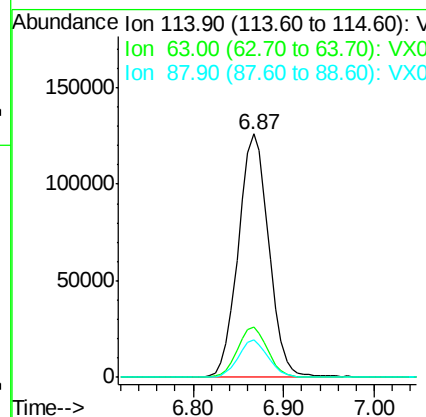
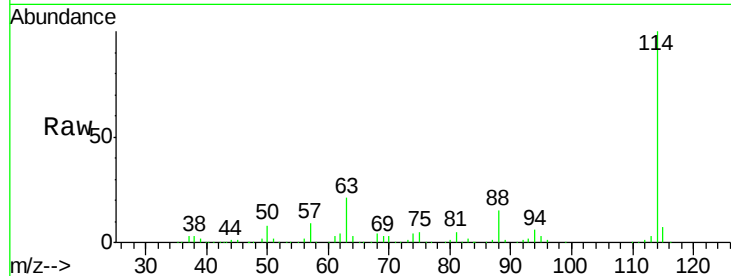
ClientSampleId :

PR-MW-02-061118

Tot Ion:	114	Resp:	294352
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	41.4
88	15.4	0.0	30.0

Manual Integrations
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#35

Dibromofluoromethane

Concen: 46.467 ug/l

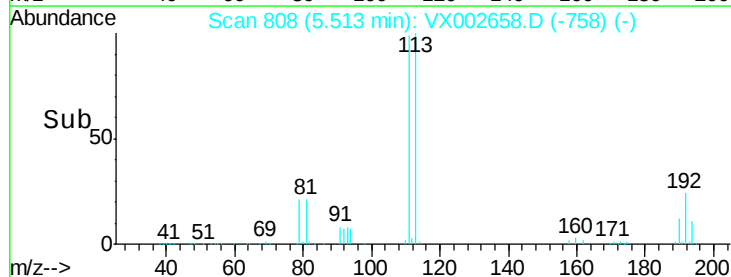
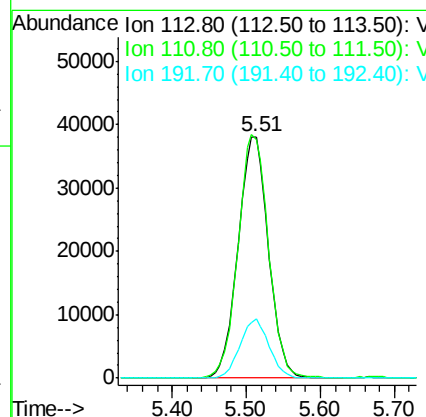
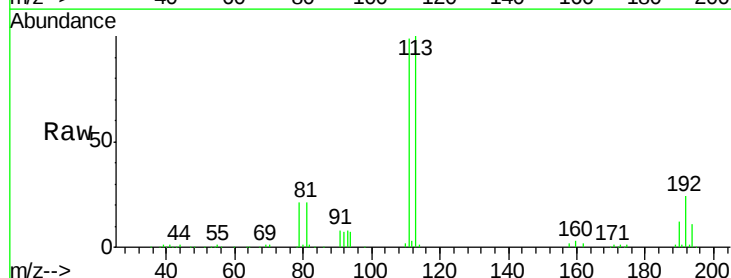
RT: 5.51 min Scan# 808

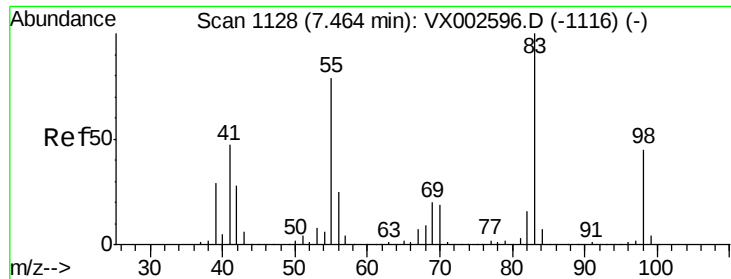
Delta R.T. 0.01 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Tgt Ion:	113	Resp:	109161
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.4	122.0
192	23.3	19.1	28.7





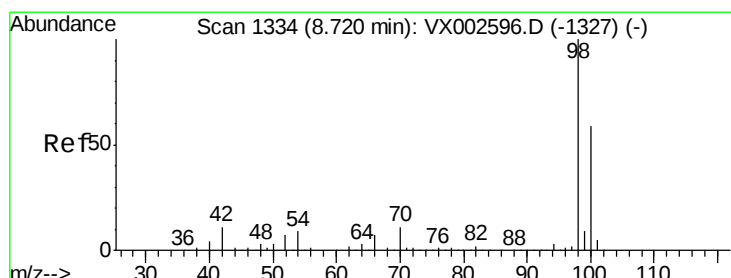
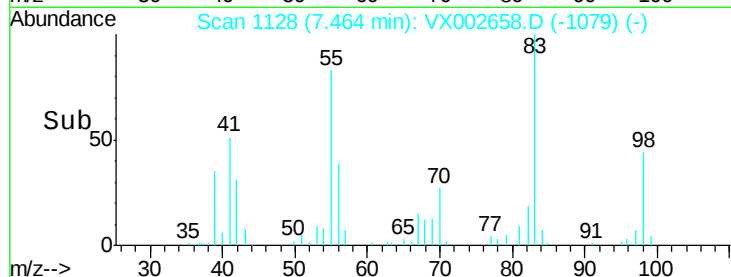
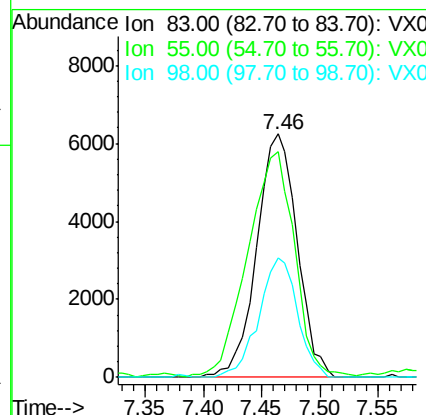
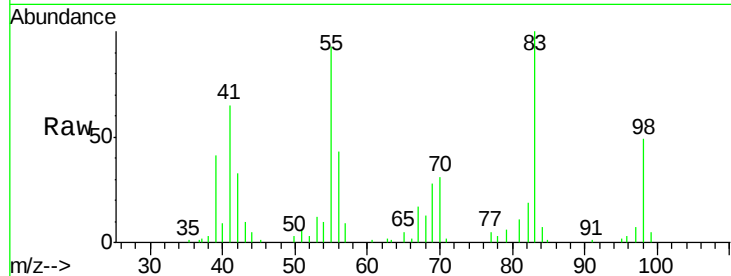
#39
Methvlcvclohexane
Concen: 4.119 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.3	65.4	98.0
98	49.1	37.4	56.0

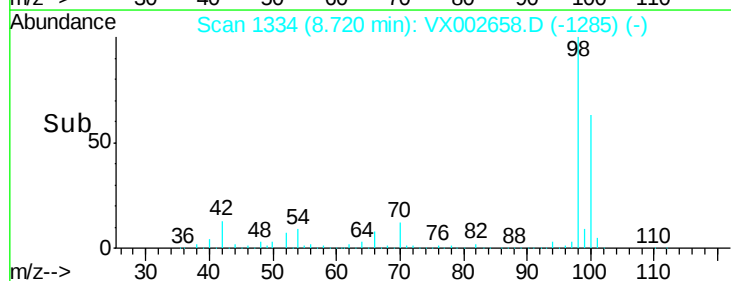
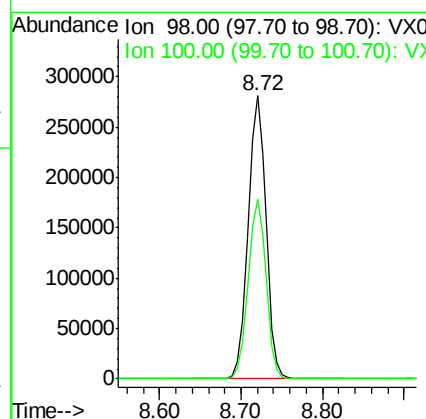
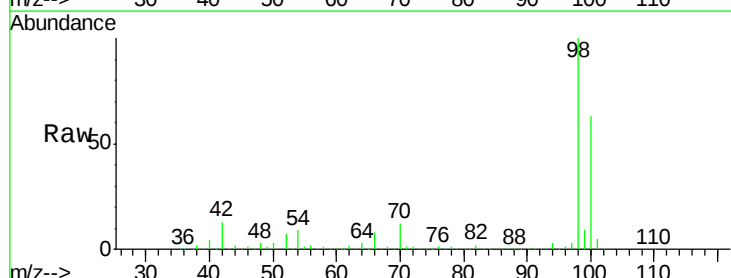
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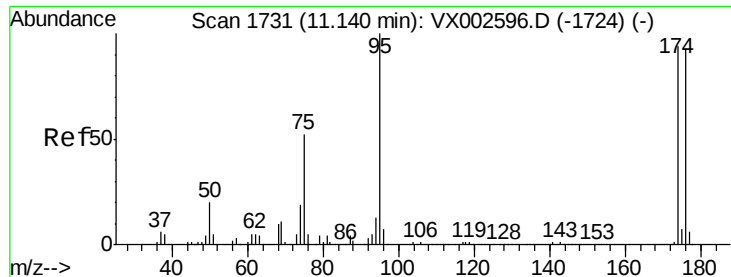
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#50
Toluene-d8
Concen: 47.546 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 43.903 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

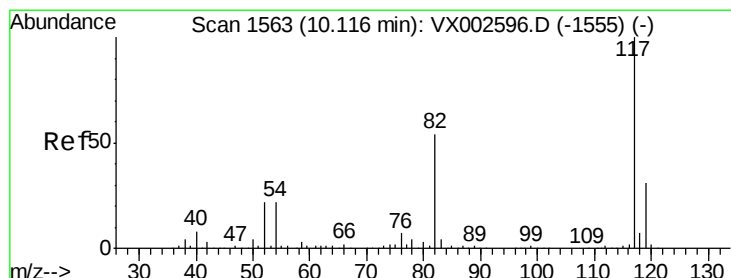
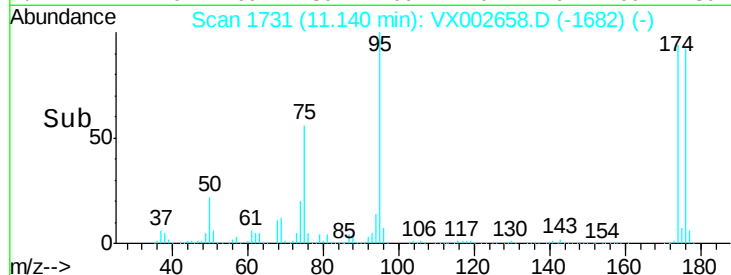
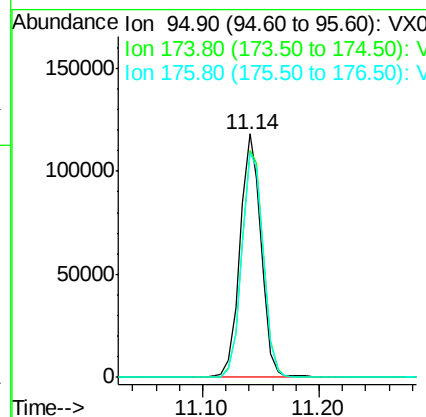
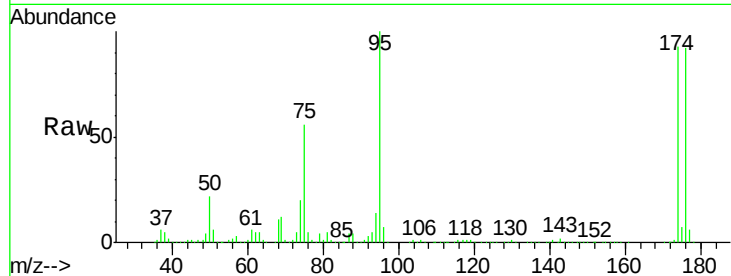
ClientSampleId :

PR-MW-02-061118

Tot Ion:	95	Resp:	148394
Ion Ratio	Lower	Upper	
95	100		
174	95.4	0.0	187.4
176	93.4	0.0	181.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

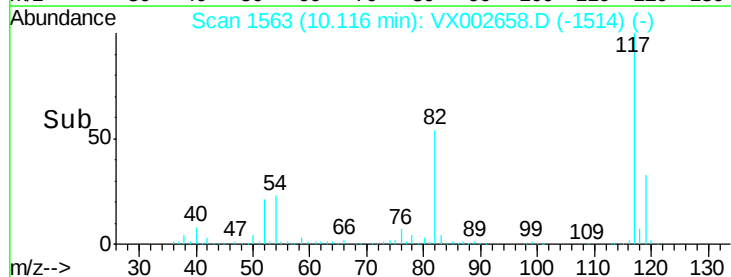
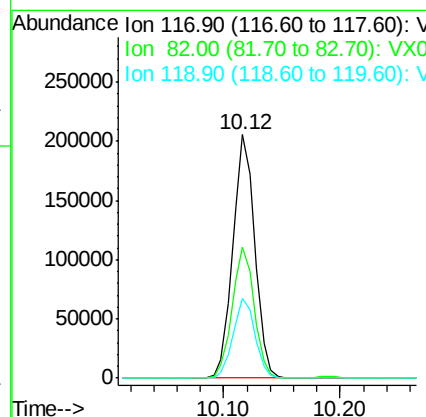
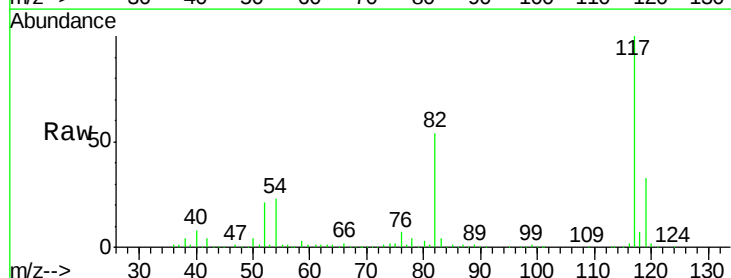
RT: 10.12 min Scan# 1563

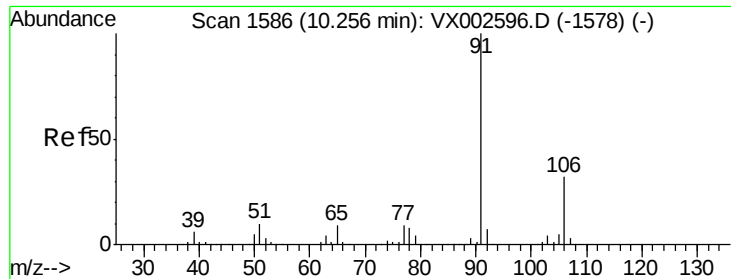
Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Tgt Ion:	117	Resp:	270315
Ion Ratio	Lower	Upper	
117	100		
82	53.6	45.0	67.4
119	32.6	25.8	38.6





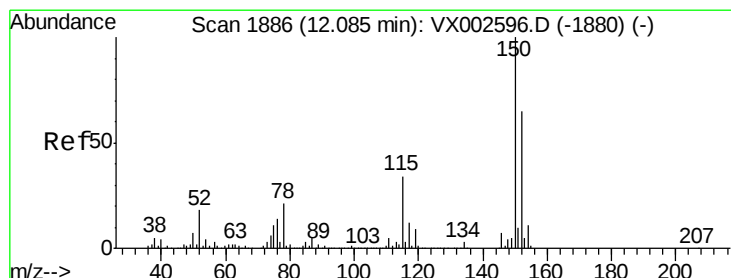
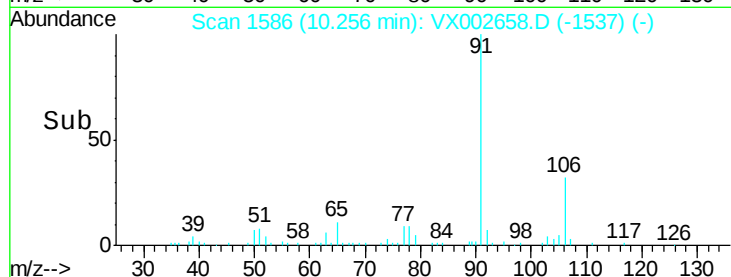
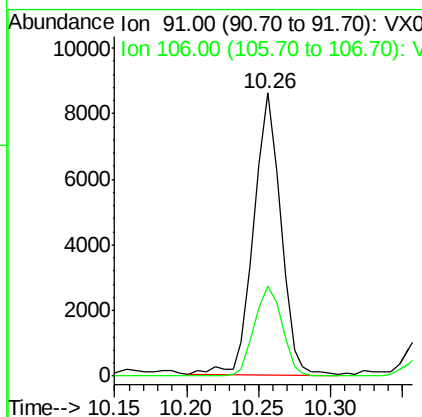
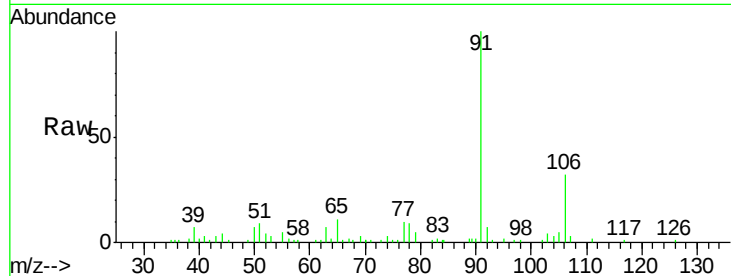
#67
Ethyl Benzene
Concen: 0.996 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Instrument :
MSVOA_X
ClientSampleId :
PR-MW-02-061118

Tot Ion: 91 Resp: 11150
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

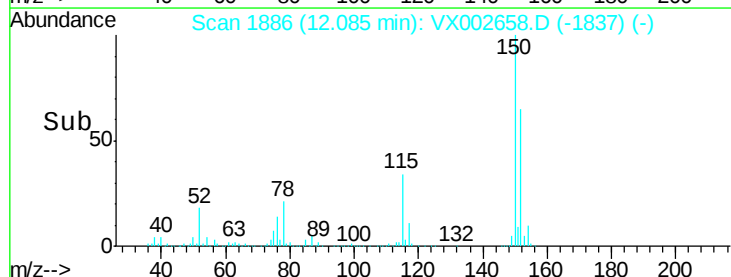
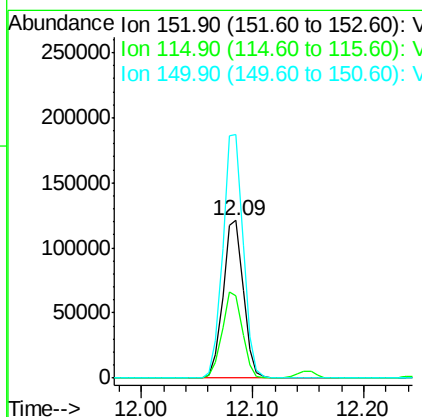
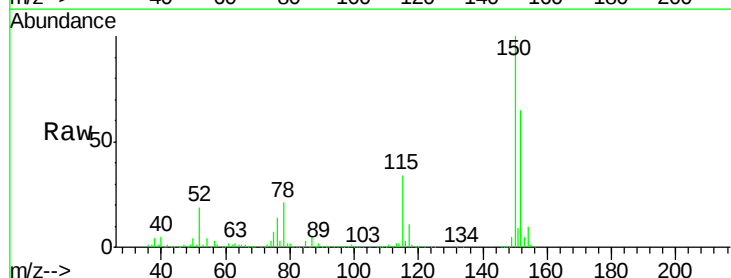
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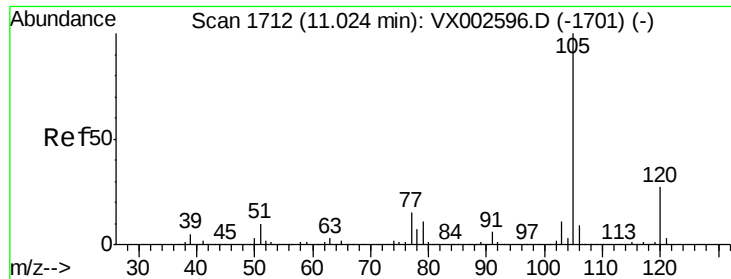
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002658.D
Acq: 16 Jun 2018 20:18

Tgt Ion: 152 Resp: 152607
Ion Ratio Lower Upper
152 100
115 54.2 40.1 120.2
150 155.8 0.0 347.2





#73

Isopropylbenzene

Concen: 38.772 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

Tot Ion: 105 Resp: 395731

Ion Ratio Lower Upper

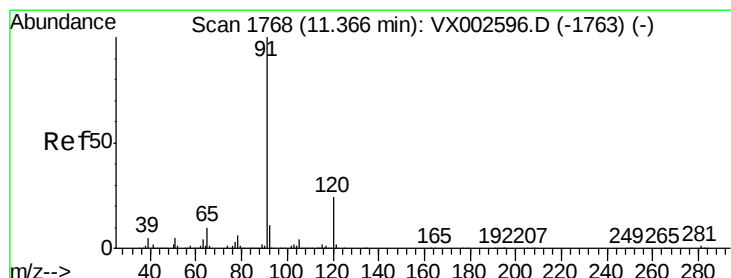
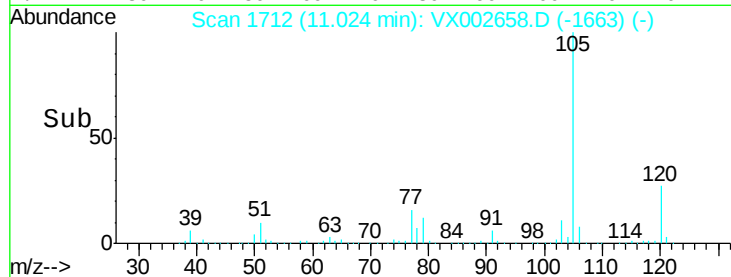
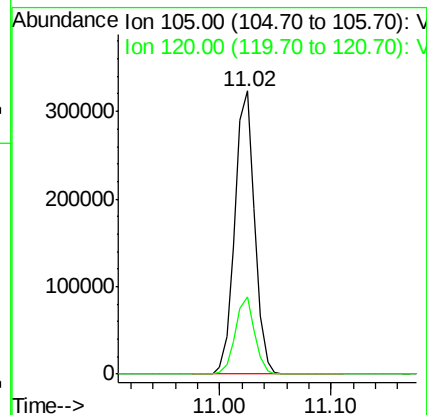
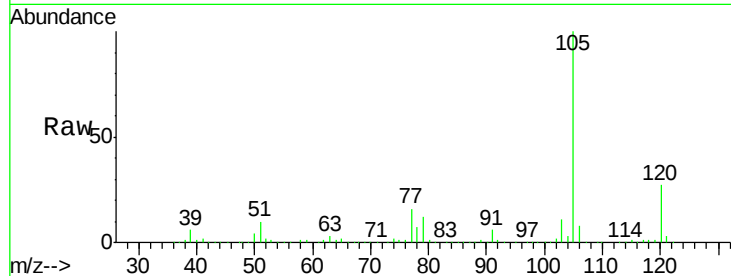
105 100

120 26.7 13.5 40.4

Manual Integrations
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#78

n-propylbenzene

Concen: 15.195 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002658.D

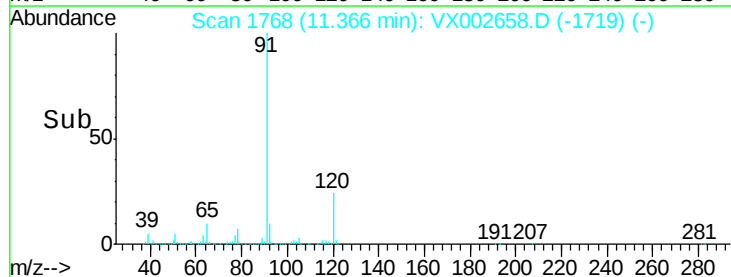
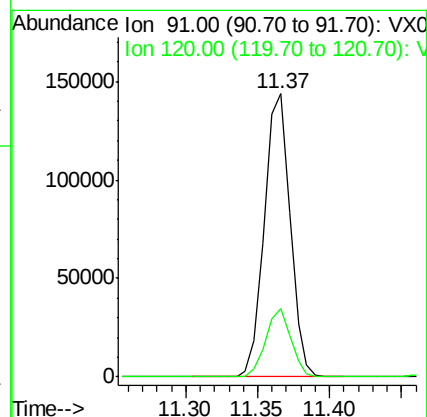
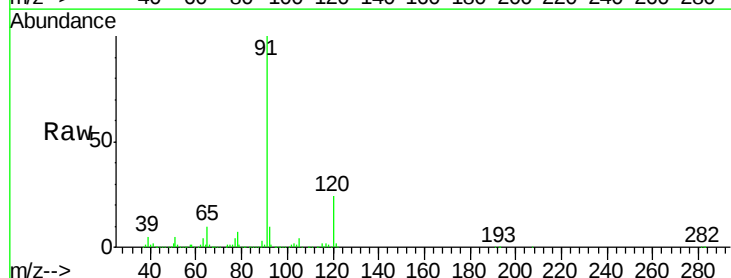
Acq: 16 Jun 2018 20:18

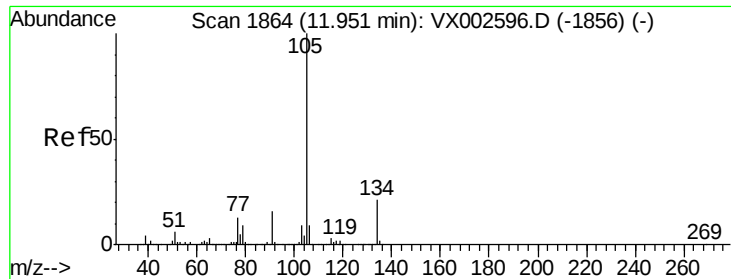
Tgt Ion: 91 Resp: 177861

Ion Ratio Lower Upper

91 100

120 23.4 11.8 35.4





#85

sec-Butylbenzene

Concen: 3.384 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Instrument :

MSVOA_X

ClientSampleId :

PR-MW-02-061118

Tot Ion:105 Resp: 34968

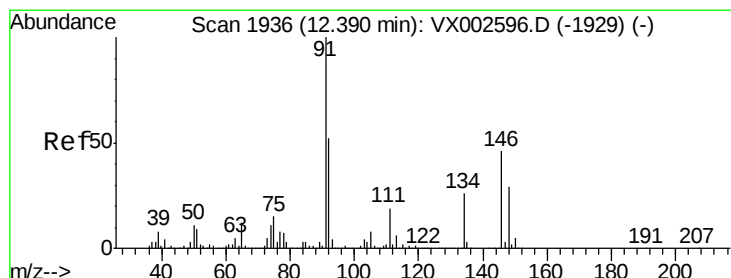
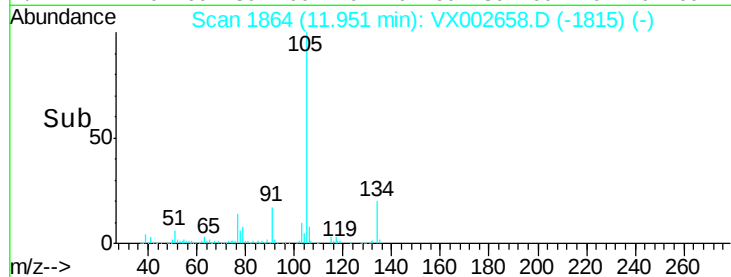
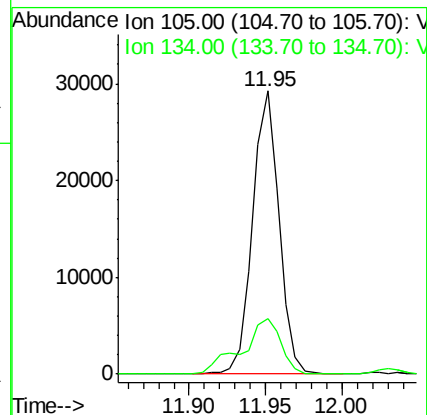
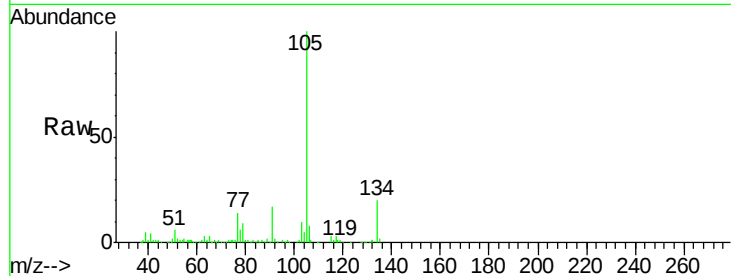
Ion Ratio Lower Upper

105 100

134 28.7 10.4 31.1

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:04:53 PM



#89

n-Butylbenzene

Concen: 1.965 ug/l m

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002658.D

Acq: 16 Jun 2018 20:18

Tgt Ion: 91 Resp: 16207

Ion Ratio Lower Upper

91 100

92 55.4 26.0 78.0

134 60.3 13.5 40.5#

