

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003757.D
 Acq On : 31 Jul 2018 18:15
 Operator : JC/SP
 Sample : J4109-01
 Misc : 11.28G/5.0mL/MSVOA X/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-04(3-5)

Manual Integrations
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Quant Time: Aug 01 03:33:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	145427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	109113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	51097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	59361	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
35) Dibromofluoromethane	5.51	113	44410	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
50) Toluene-d8	8.72	98	164846	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
62) 4-Bromofluorobenzene	11.14	95	52135	39.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.20%	
Target Compounds						
16) Acetone	2.45	43	32796	82.41	ug/l	99
25) 2-Butanone	4.70	43	9603	16.55	ug/l	96
40) Benzene	6.15	78	9412	2.41	ug/l	99
68) m/p-Xylenes	10.36	106	3889	2.58	ug/l	90
69) o-Xylene	10.70	106	2061	1.47	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	3434m	1.26	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	7421	2.64	ug/l	98
95) Naphthalene	13.83	128	92917	34.89	ug/l	99

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

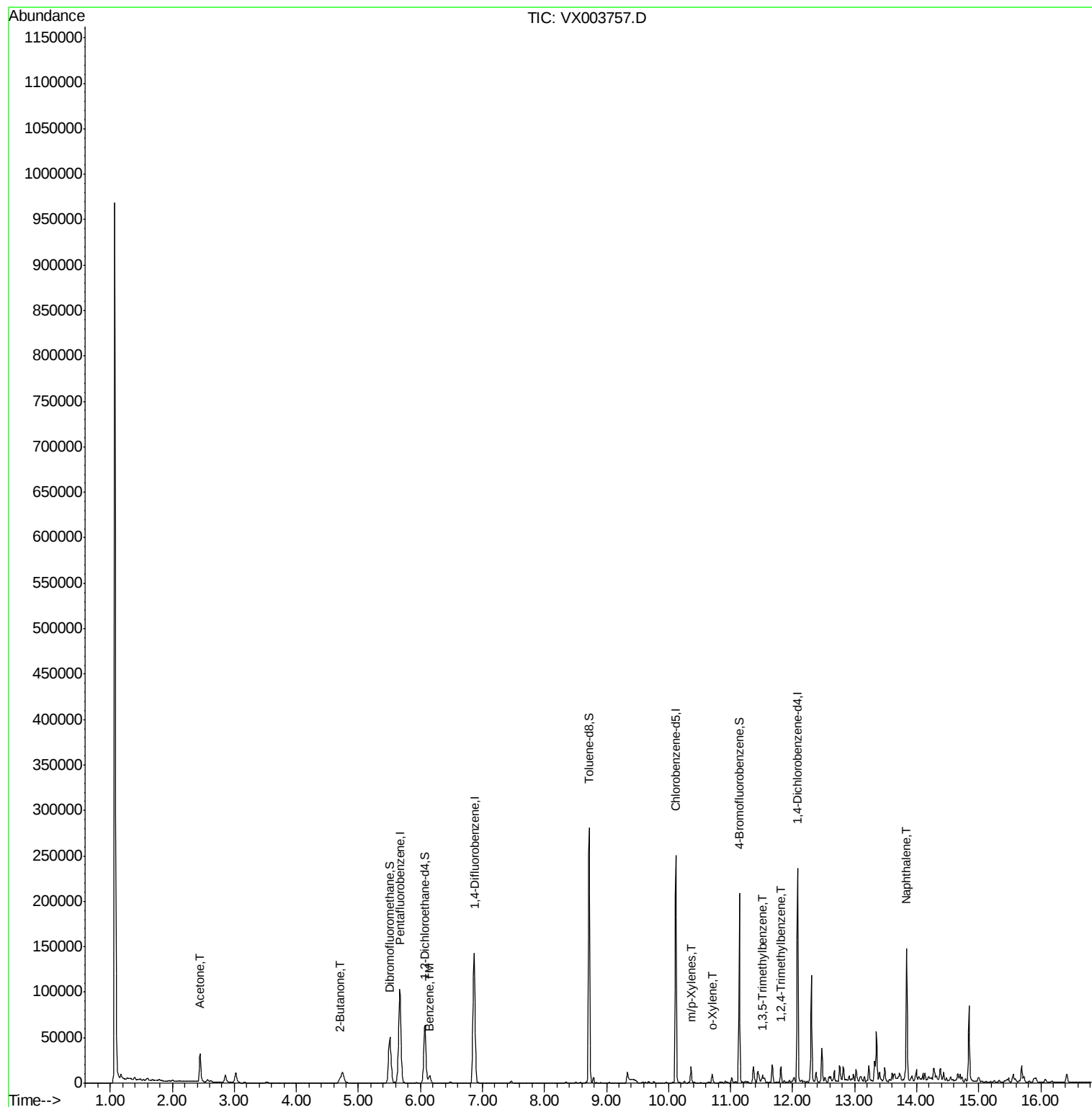
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003757.D
Acq On : 31 Jul 2018 18:15
Operator : JC/SP
Sample : J4109-01
Misc : 11.28G/5.0mL/MSVOA X/SOIL
ALS Vial : 12 Sample Multiplier: 1

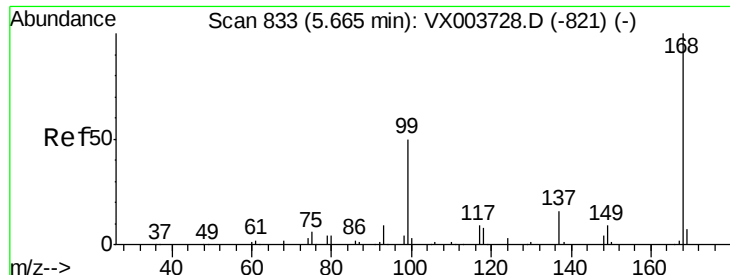
Instrument :
MSVOA_X
ClientSampleId :
GW-04(3-5)

Manual Integrations
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Quant Time: Aug 01 03:33:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003757.D

Acq: 31 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

GW-04(3-5)

Tot Ion:168 Resp: 103015

Ion Ratio Lower Upper

168 100

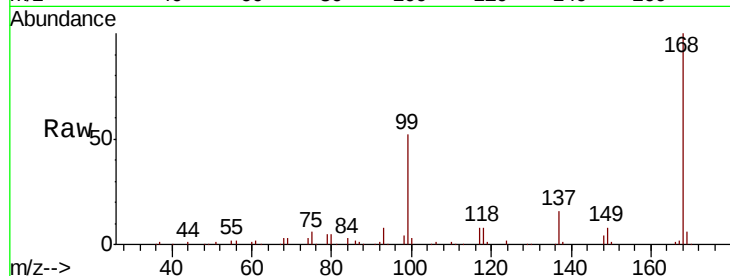
99 52.5 40.2 60.2

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

40000

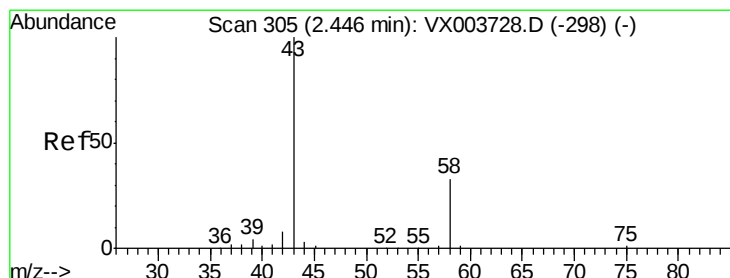
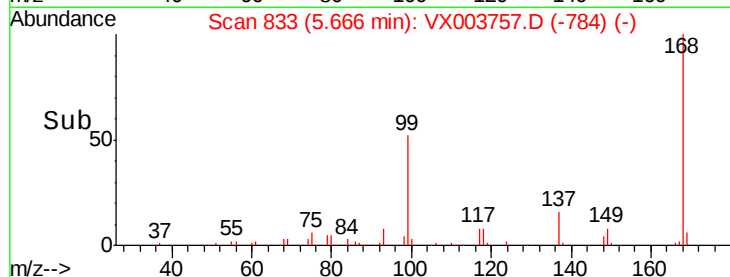
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 82.41 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003757.D

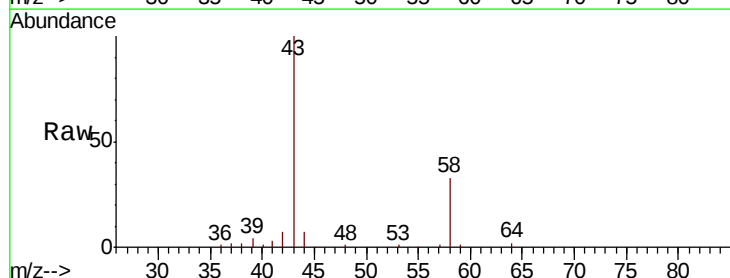
Acq: 31 Jul 2018 18:15

Tgt Ion: 43 Resp: 32796

Ion Ratio Lower Upper

43 100

58 32.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

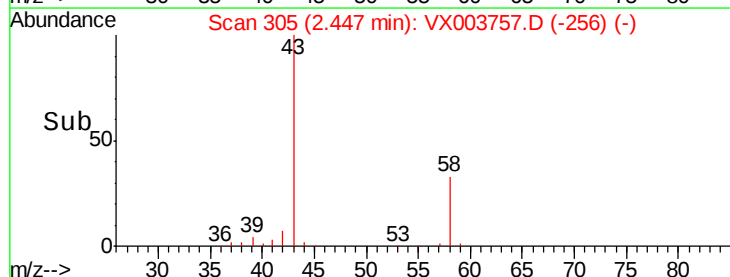
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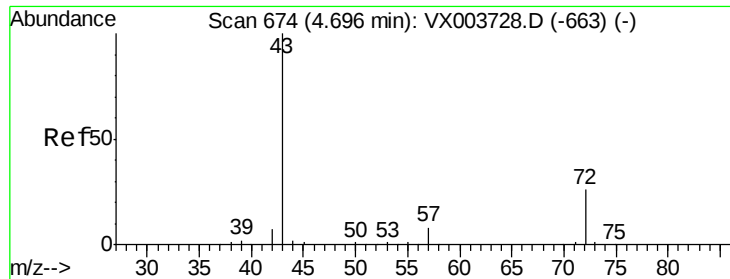
10000

5000

0

Time--> 2.40 2.50 2.60





#25

2-Butanone

Concen: 16.55 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003757.D

Acq: 31 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

GW-04(3-5)

Tot Ion: 43 Resp: 9603

Ion Ratio Lower Upper

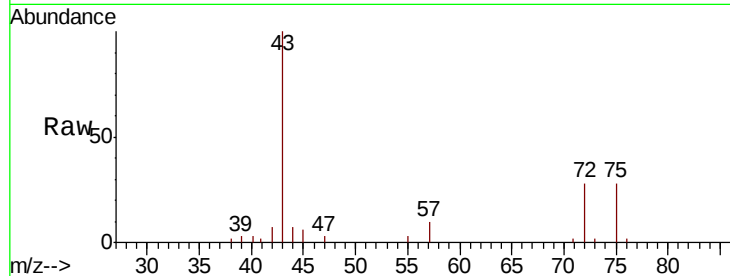
43 100

72 28.2 20.9 31.3

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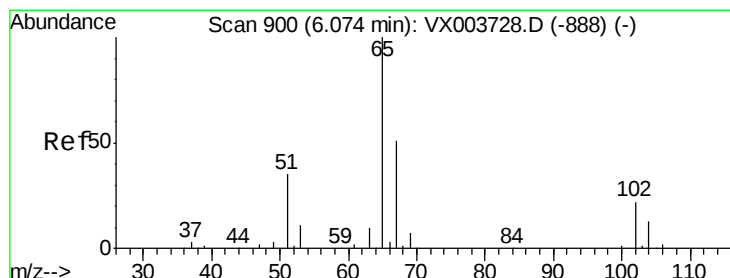
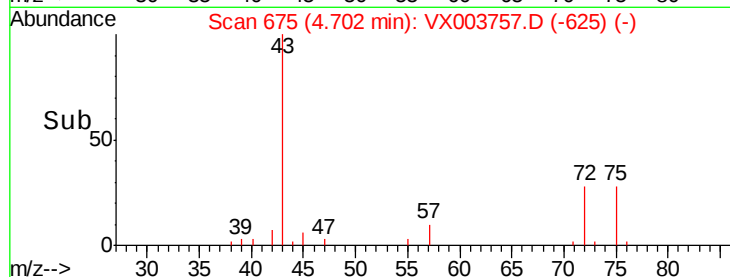
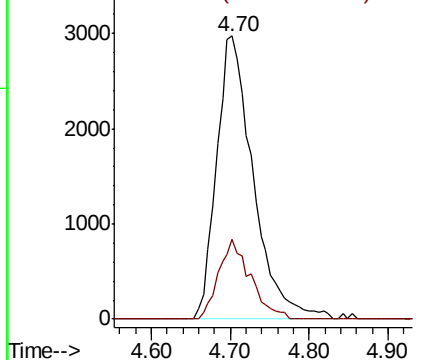
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 56.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003757.D

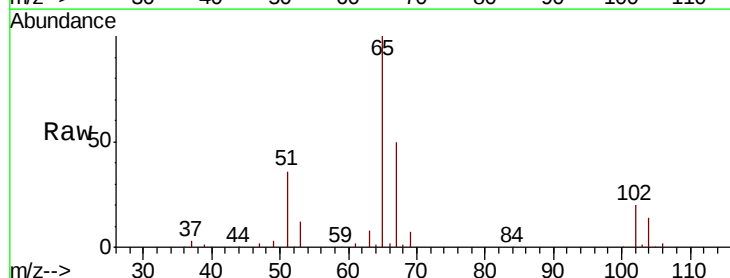
Acq: 31 Jul 2018 18:15

Tgt Ion: 65 Resp: 59361

Ion Ratio Lower Upper

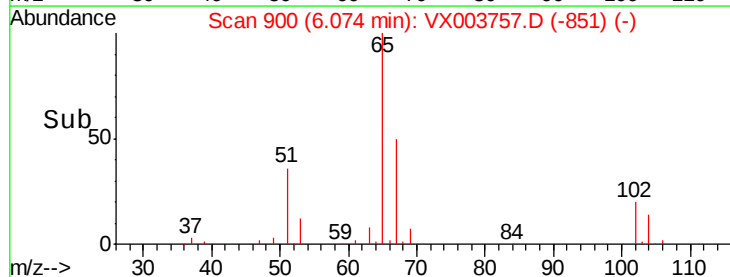
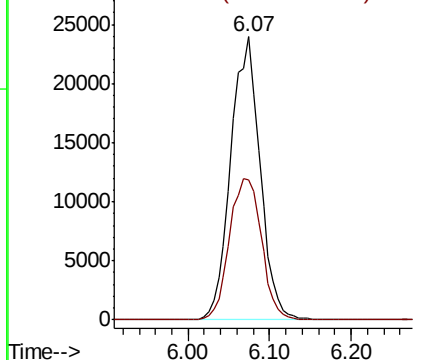
65 100

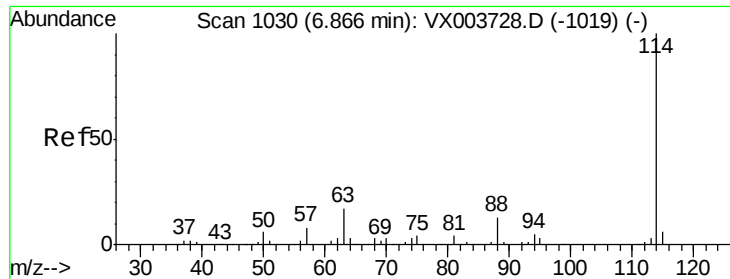
67 54.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





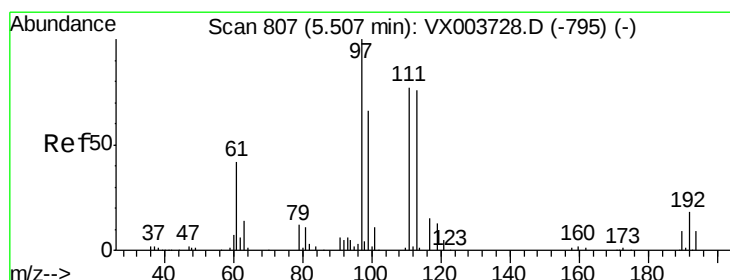
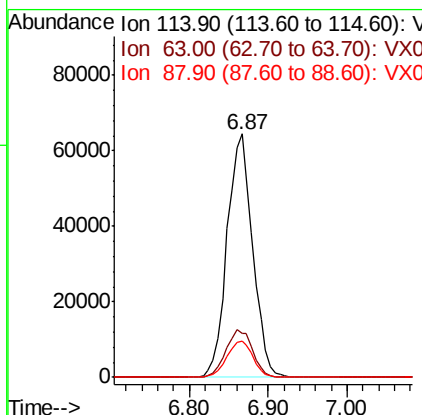
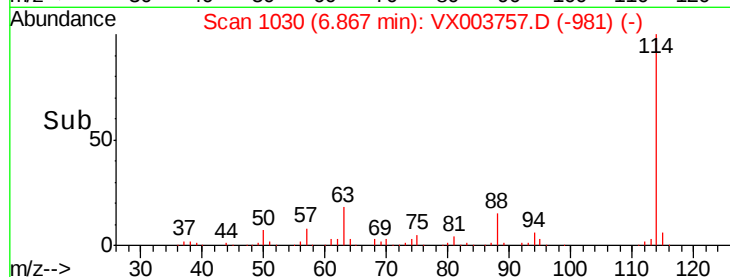
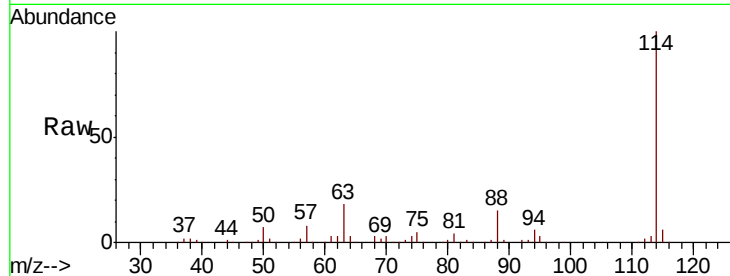
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003757.D
 Acq: 31 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-04(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	145427		
63	18.2	0.0	34.0	
88	14.8	0.0	26.4	

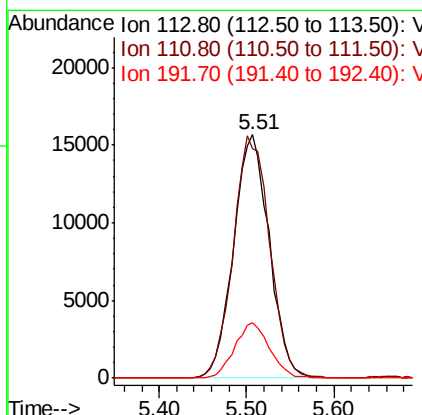
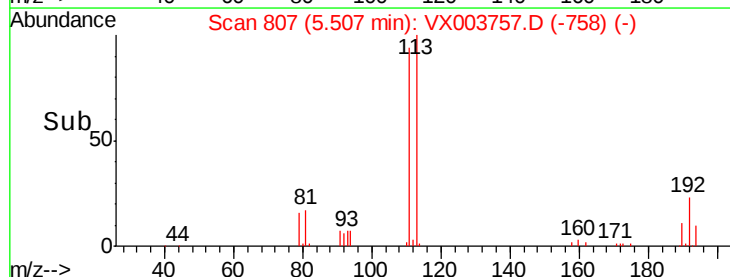
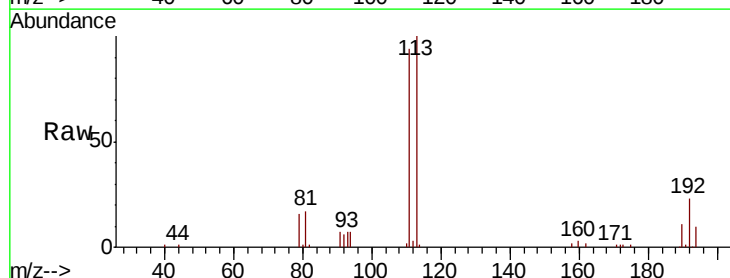
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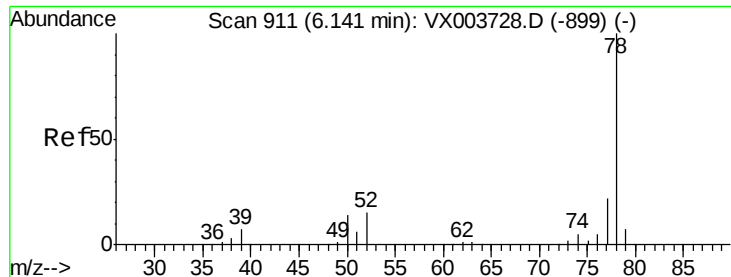
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#35
 Dibromofluoromethane
 Concen: 51.86 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003757.D
 Acq: 31 Jul 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	44410		
111	101.2	81.8	122.6	
192	22.0	18.8	28.2	





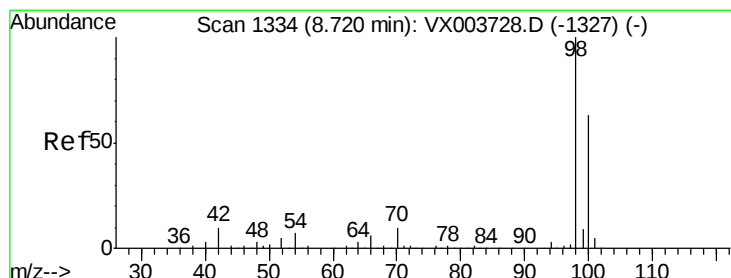
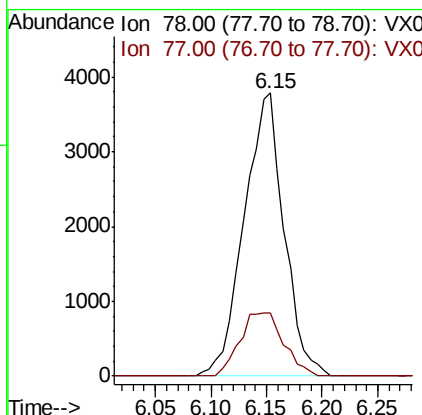
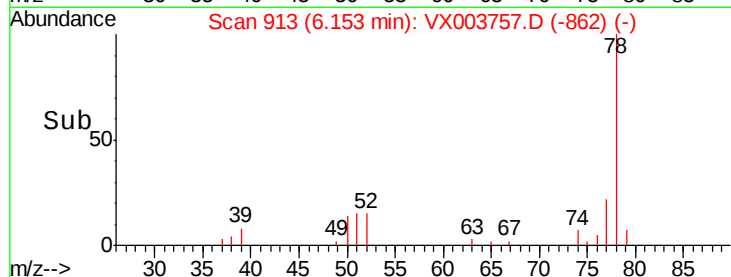
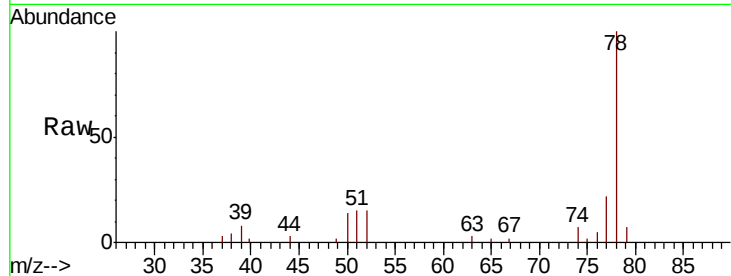
#40
Benzene
Concen: 2.41 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
GW-04(3-5)

Tot Ion: 78 Resp: 9412
Ion Ratio Lower Upper
78 100
77 22.1 17.9 26.9

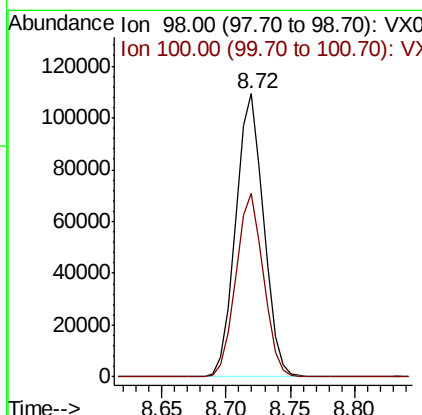
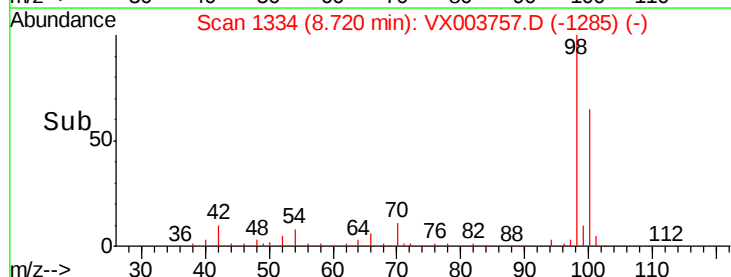
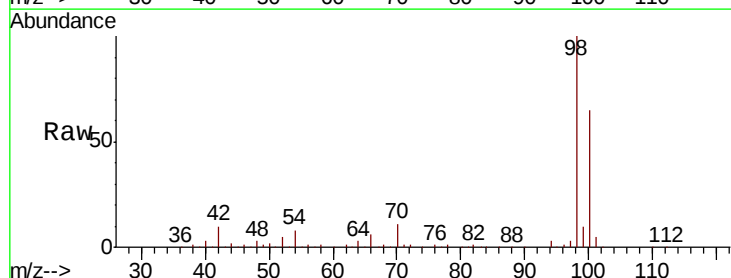
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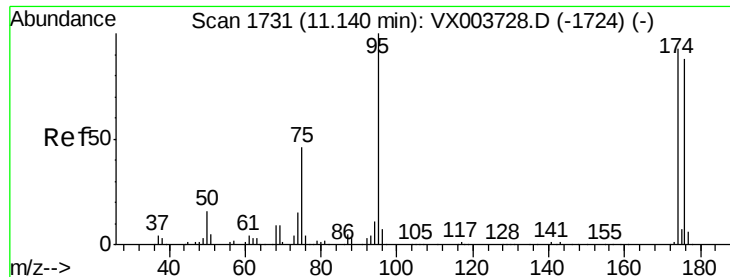
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#50
Toluene-d8
Concen: 46.17 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Tgt Ion: 98 Resp: 164846
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0





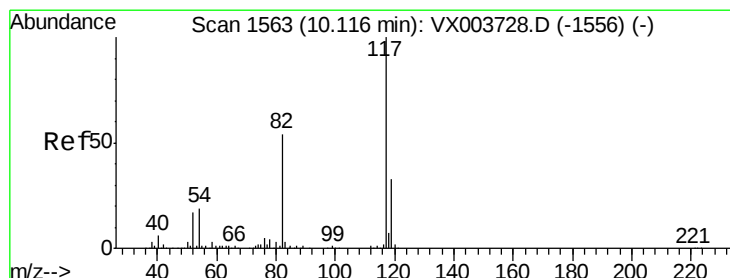
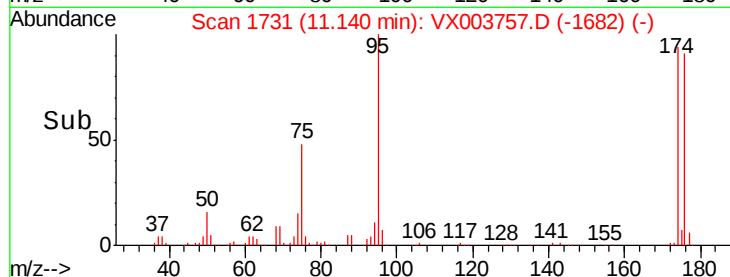
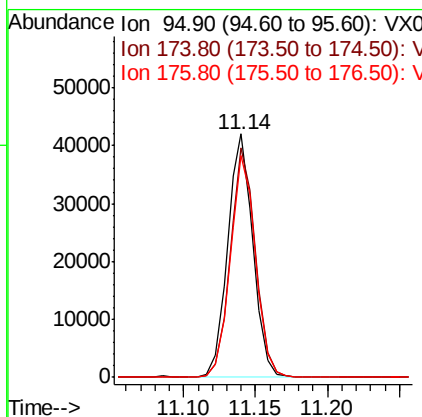
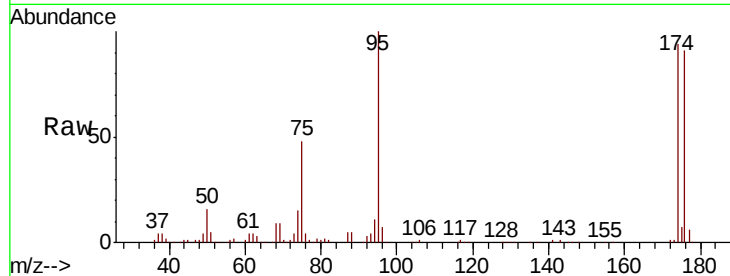
#62
4-Bromofluorobenzene
Concen: 39.60 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampled :
GW-04(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	52135		
174	93.0	0.0	186.2	
176	89.8	0.0	179.2	

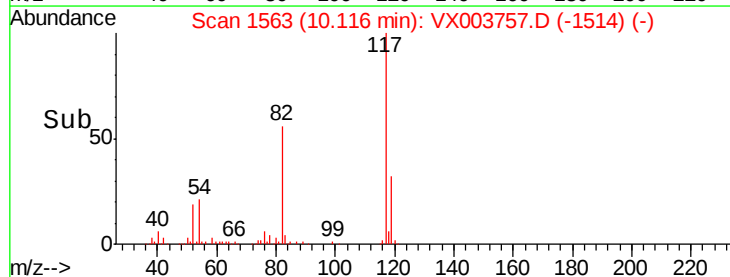
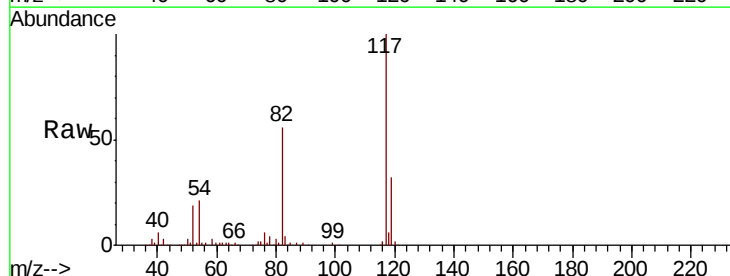
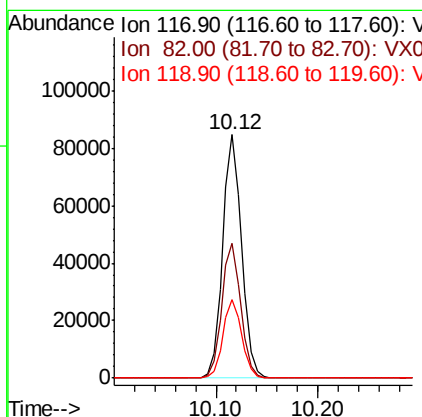
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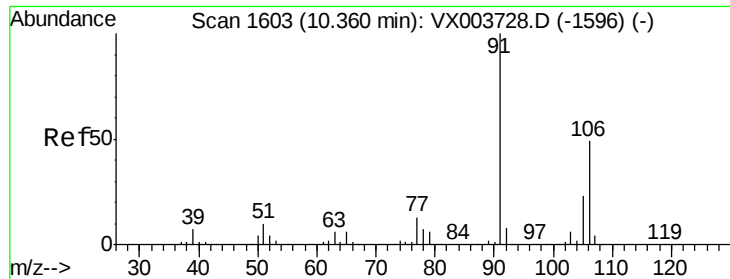
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109113		
82	55.5	43.2	64.8	
119	32.1	26.3	39.5	





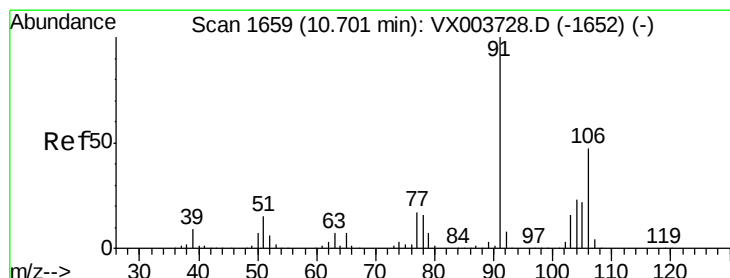
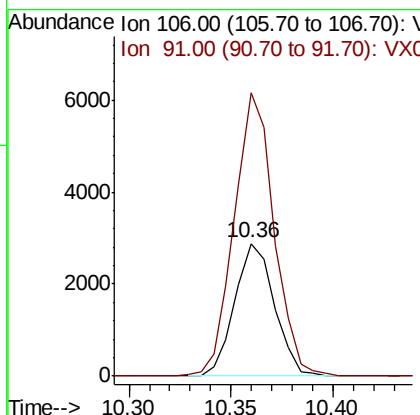
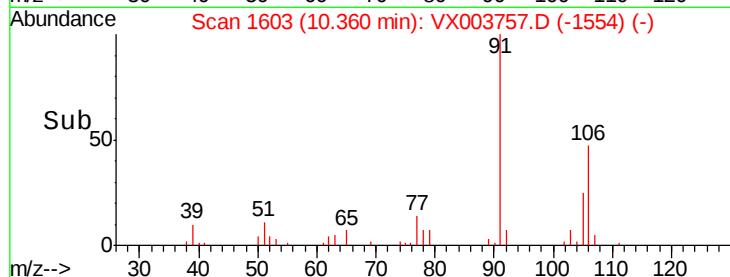
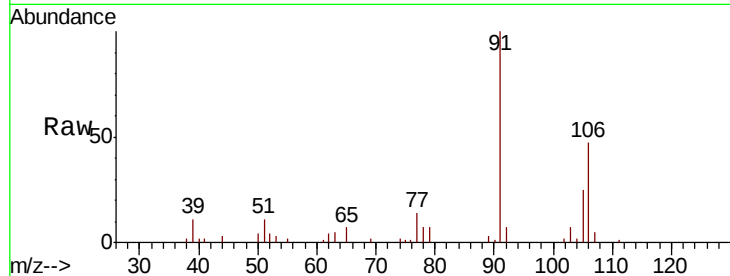
#68
m/p-Xylenes
Concen: 2.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampled :
GW-04(3-5)

Tot Ion:106 Resp: 3889
Ion Ratio Lower Upper
106 100
91 214.8 159.8 239.8

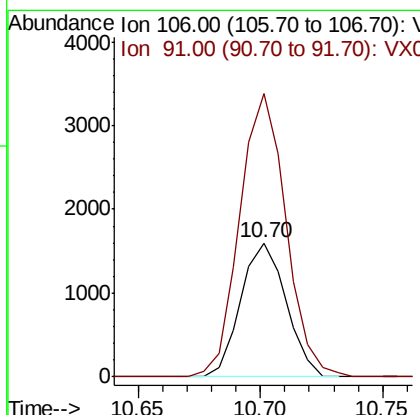
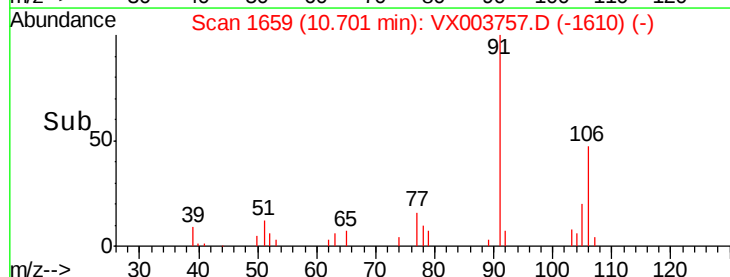
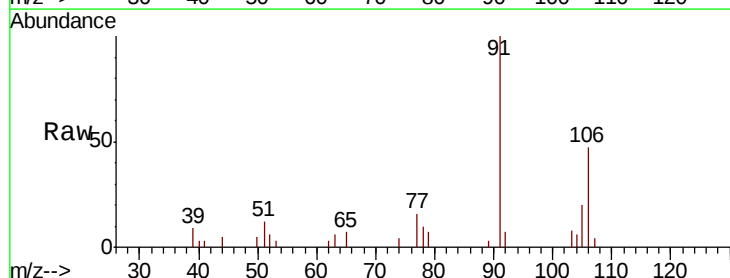
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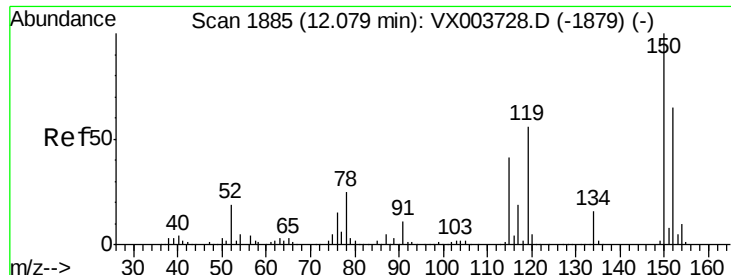
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#69
o-Xylene
Concen: 1.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003757.D
Acq: 31 Jul 2018 18:15

Tgt Ion:106 Resp: 2061
Ion Ratio Lower Upper
106 100
91 216.5 105.6 316.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003757.D

Acq: 31 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

GW-04(3-5)

Tot Ion:152 Resp: 51097

Ion Ratio Lower Upper

152 100

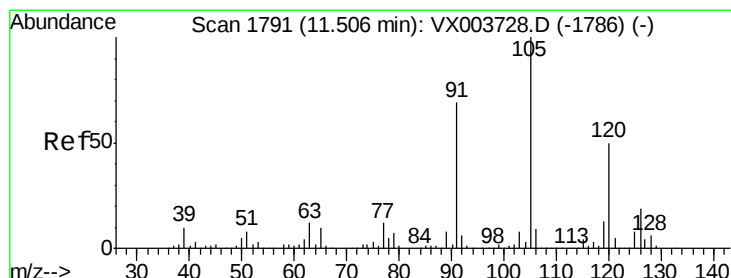
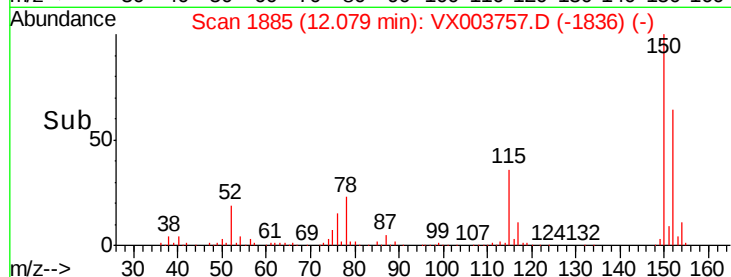
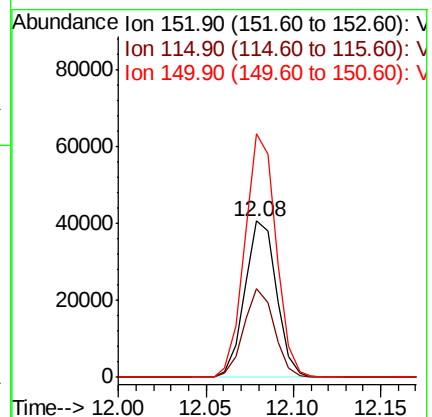
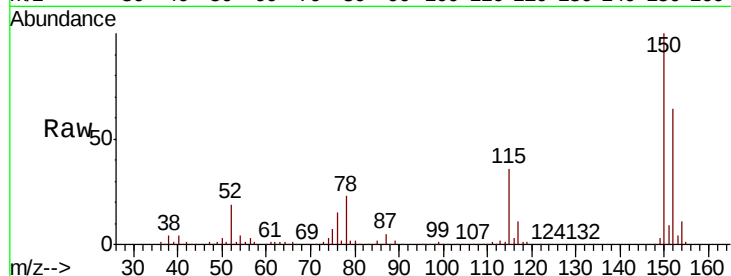
115 55.0 38.5 115.3

150 154.4 0.0 346.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 1.26 ug/l m

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003757.D

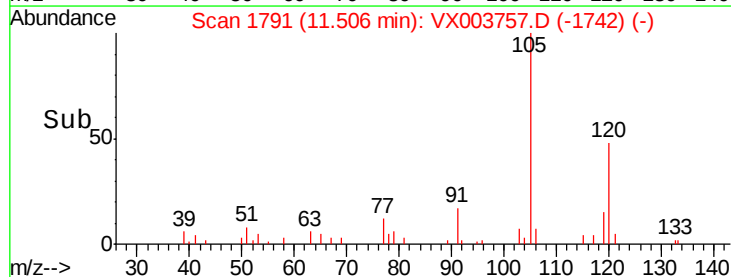
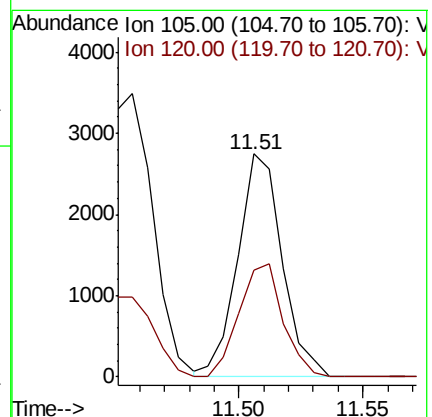
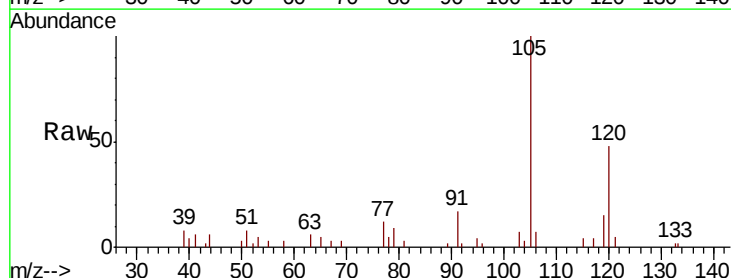
Acq: 31 Jul 2018 18:15

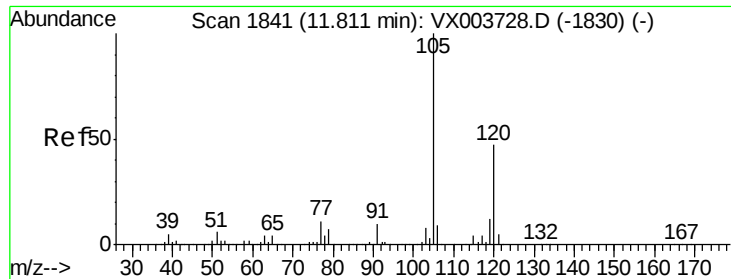
Tgt Ion:105 Resp: 3434

Ion Ratio Lower Upper

105 100

120 81.2 15.8 47.4#





#84

1,2,4-Trimethylbenzene

Concen: 2.64 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003757.D

Acq: 31 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

GW-04(3-5)

Tot Ion:105 Resp: 7421

Ion Ratio Lower Upper

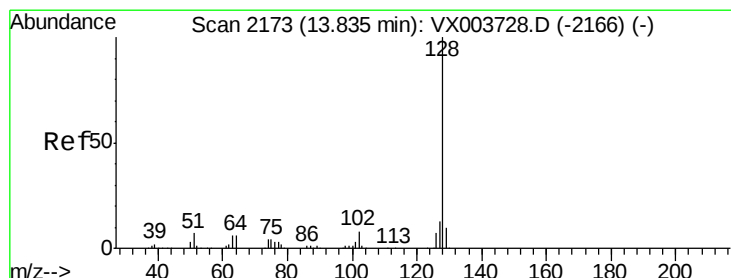
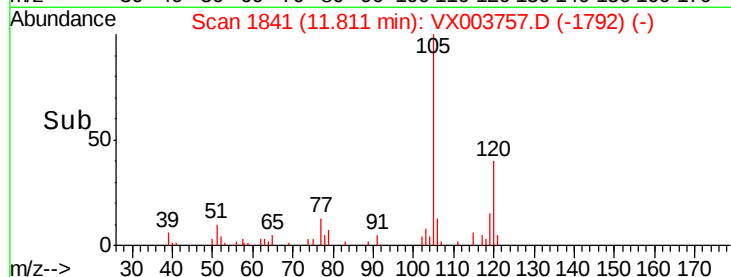
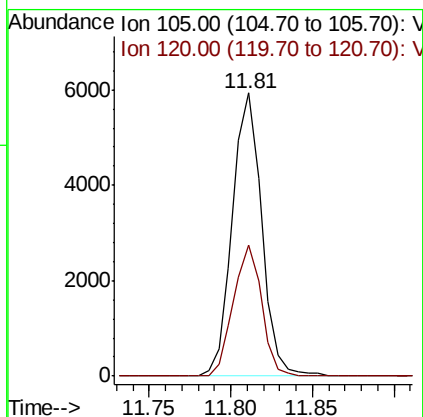
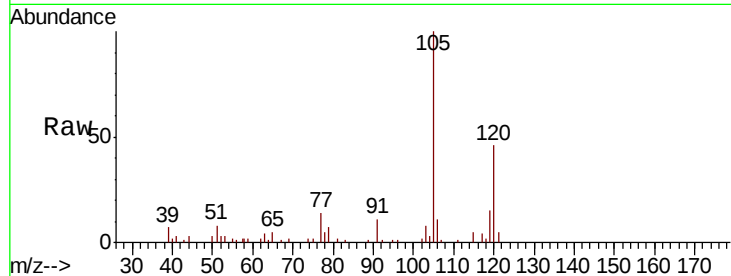
105 100

120 44.5 23.1 69.2

Manual Integrations
APPROVED

apatel

8/1/2018 6:19:16 PM



#95

Naphthalene

Concen: 34.89 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003757.D

Acq: 31 Jul 2018 18:15

Tgt Ion:128 Resp: 92917

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.4 8.7 13.1

