

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000727.D
 Acq On : 08 Apr 2018 13:31
 Operator : JC/MD
 Sample : J2190-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10-040218

Quant Time: Apr 09 09:40:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	326871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	162830	43.56	ug/l	0.00
Spiked Amount			Recovery	=	87.12%	
35) Dibromofluoromethane	5.51	113	137454	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	8.73	98	517978	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.15	95	209616	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	

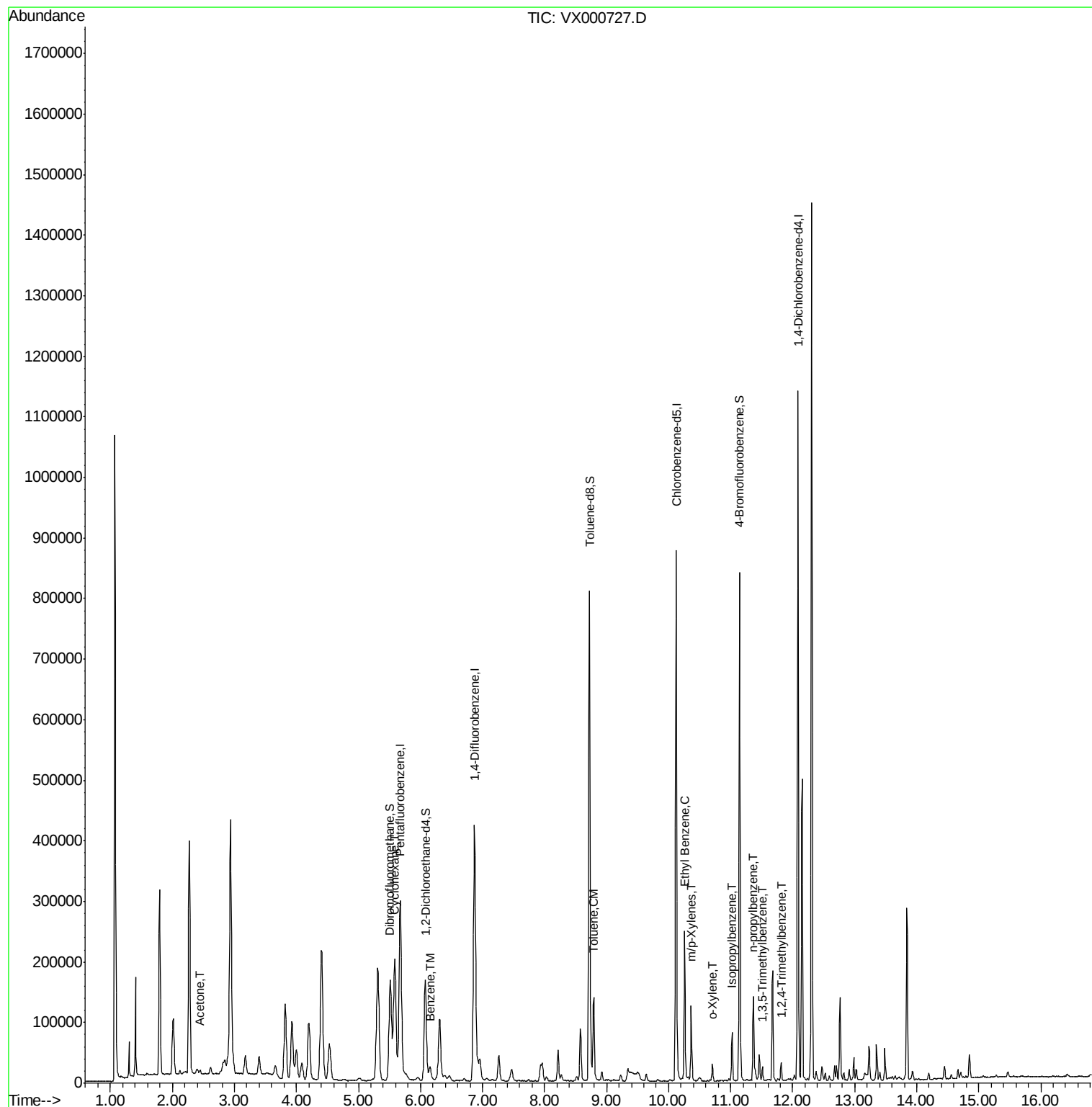
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6302	5.37	ug/l	97
31) Cyclohexane	5.59	56	140593	36.76	ug/l	98
40) Benzene	6.15	78	27090	2.51	ug/l	98
52) Toluene	8.79	92	51038	7.11	ug/l	99
67) Ethyl Benzene	10.26	91	146569	10.23	ug/l	99
68) m/p-Xylenes	10.37	106	29165	5.20	ug/l	99
69) o-Xylene	10.71	106	5730	1.04	ug/l	92
73) Isopropylbenzene	11.02	105	39882	2.73	ug/l	99
78) n-propylbenzene	11.37	91	74783	4.46	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9004	0.71	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	12743	0.97	ug/l	96

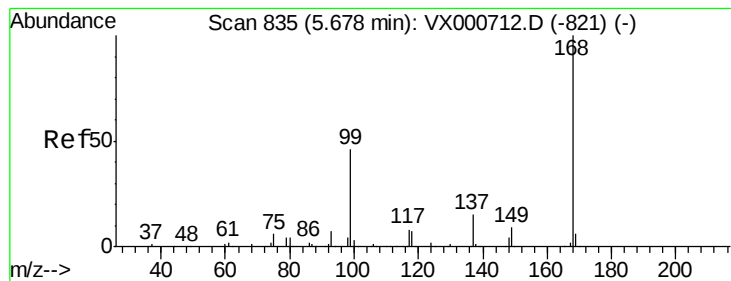
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

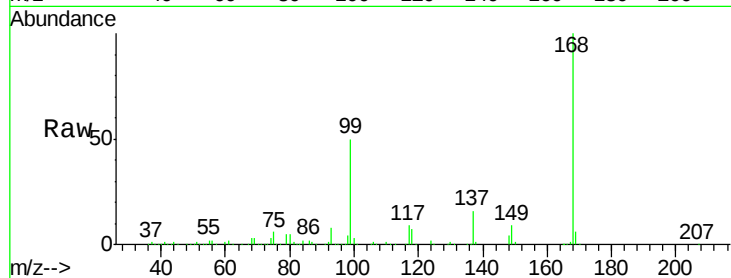
MW-10-040218

Tot Ion:168 Resp: 326871

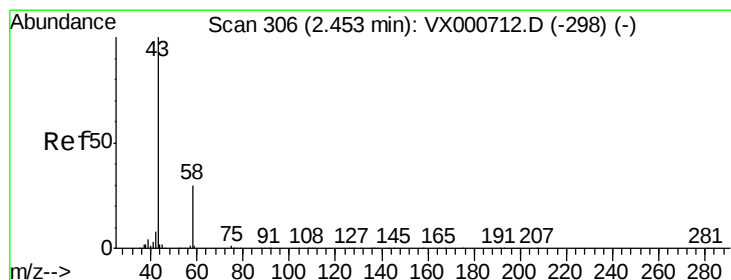
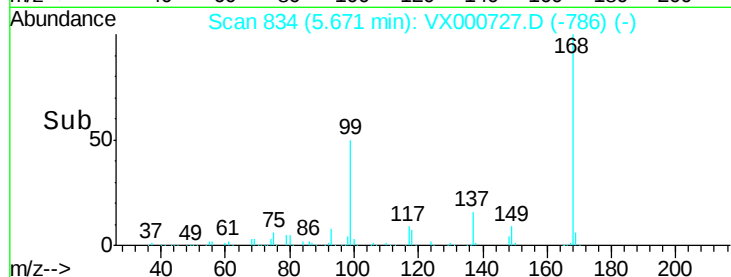
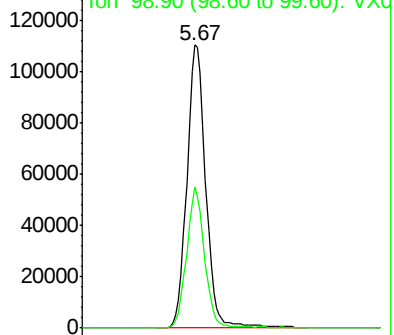
Ion Ratio Lower Upper

168 100

99 49.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 5.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000727.D

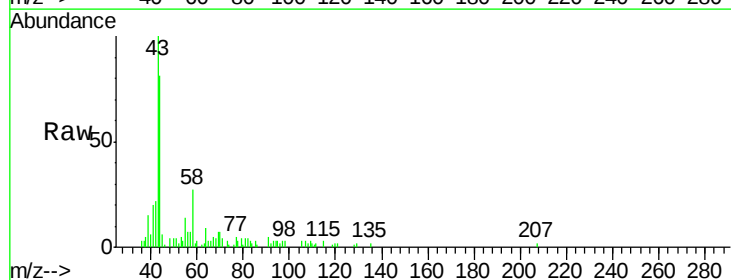
Acq: 08 Apr 2018 13:31

Tgt Ion: 43 Resp: 6302

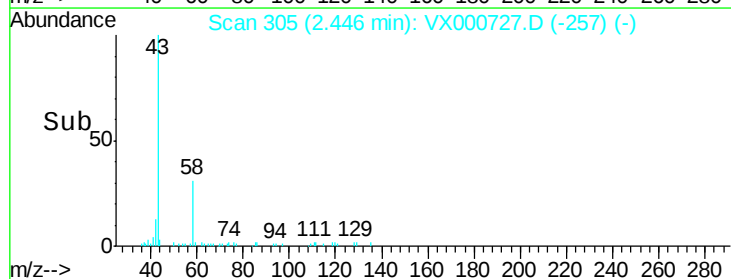
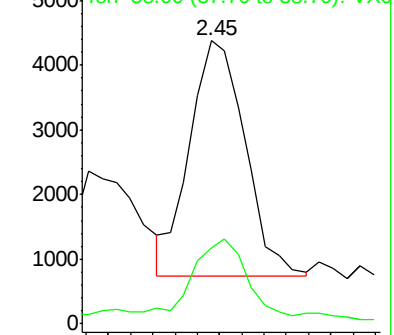
Ion Ratio Lower Upper

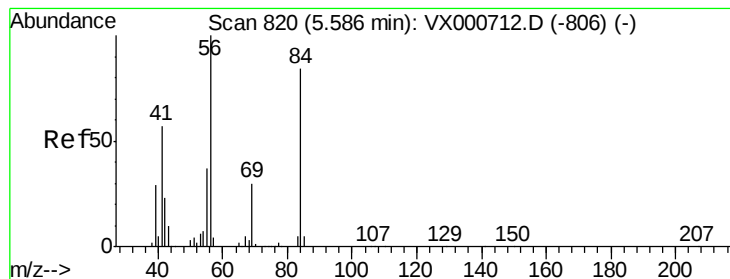
43 100

58 28.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0





#31

Cyclohexane

Concen: 36.76 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

MW-10-040218

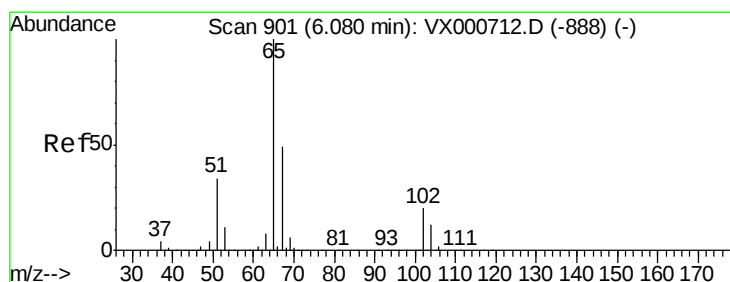
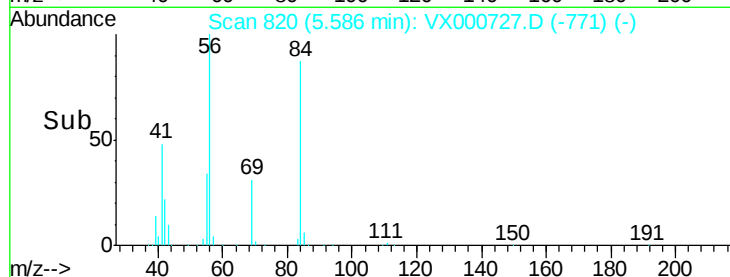
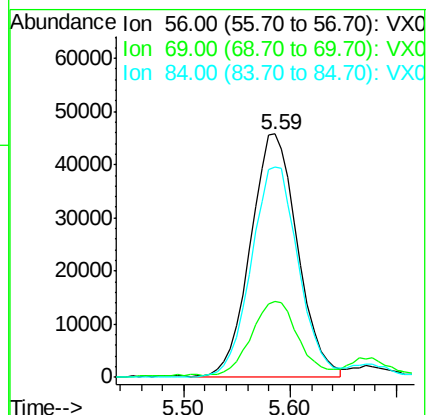
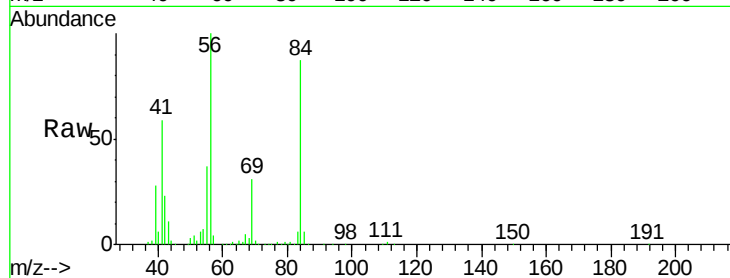
Tot Ion: 56 Resp: 140593

Ion Ratio Lower Upper

56 100

69 30.4 23.8 35.6

84 86.6 67.4 101.2



#33

1,2-Dichloroethane-d4

Concen: 43.56 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000727.D

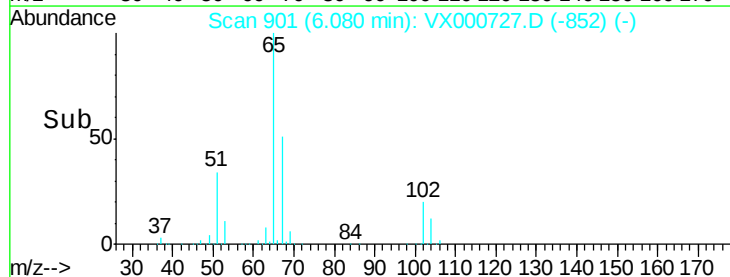
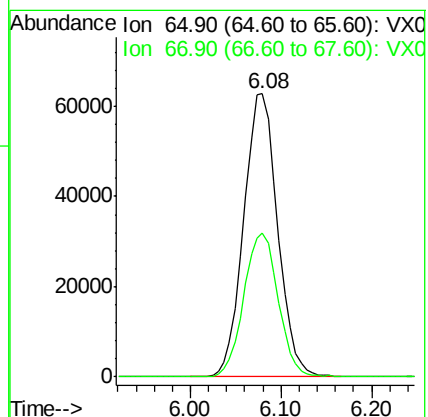
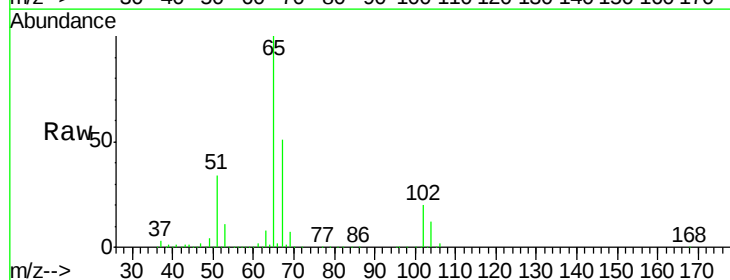
Acq: 08 Apr 2018 13:31

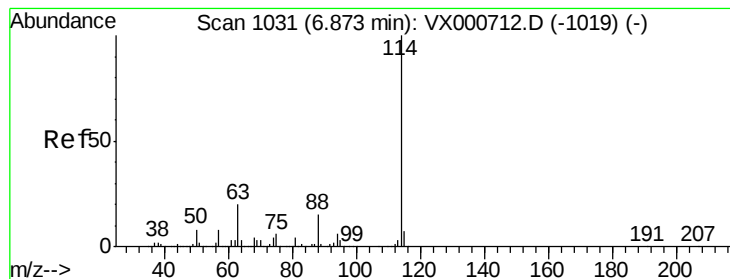
Tgt Ion: 65 Resp: 162830

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

MW-10-040218

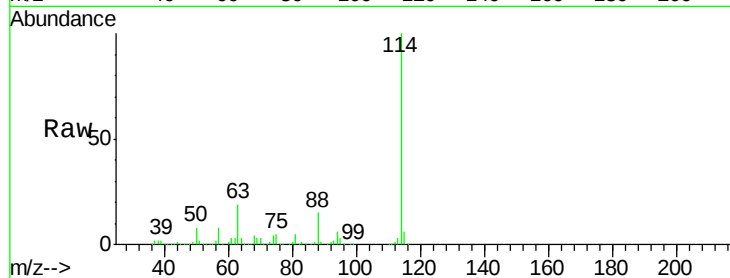
Tot Ion:114 Resp: 447262

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

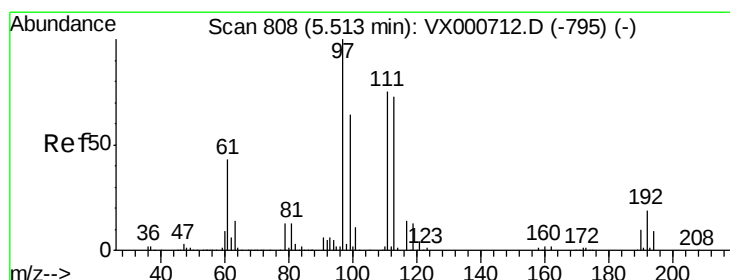
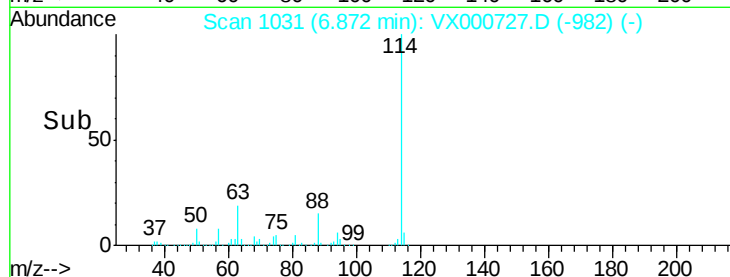
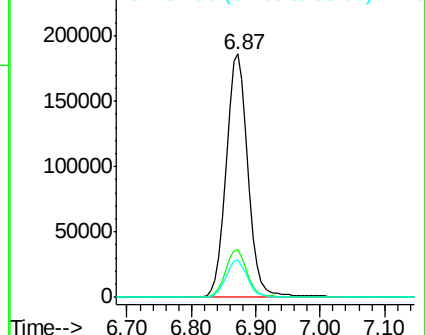
88 15.3 0.0 30.6



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: 47.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

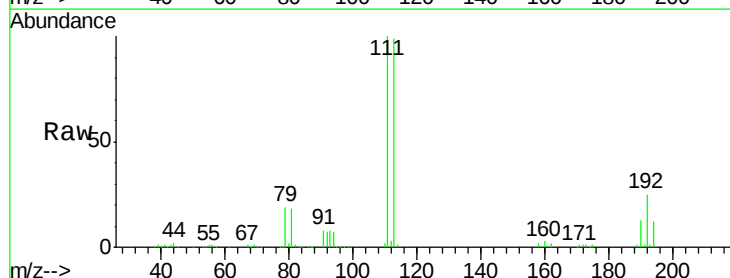
Tgt Ion:113 Resp: 137454

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

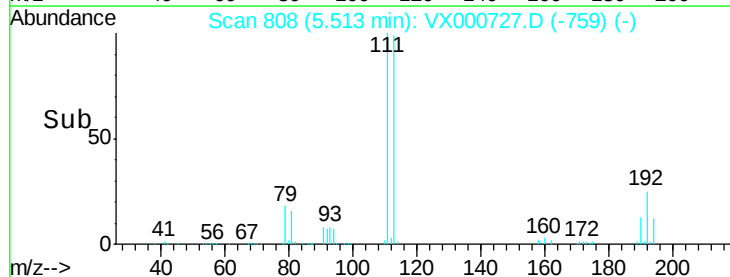
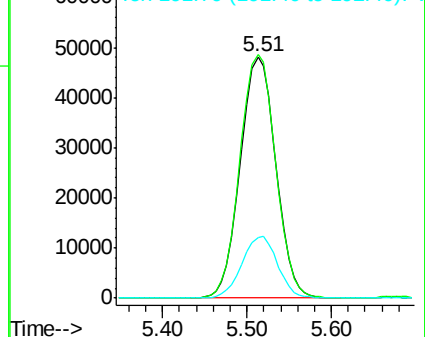
192 25.6 20.0 30.0

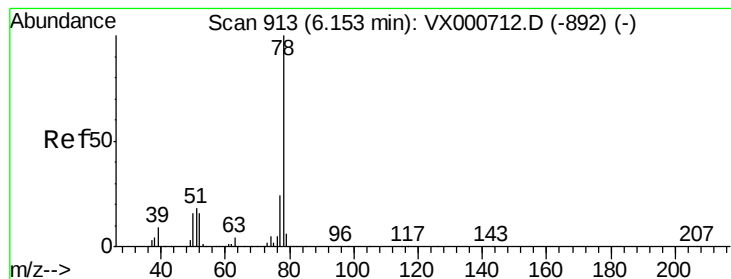


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.51 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

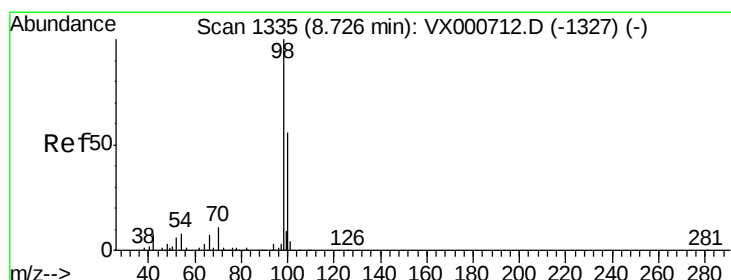
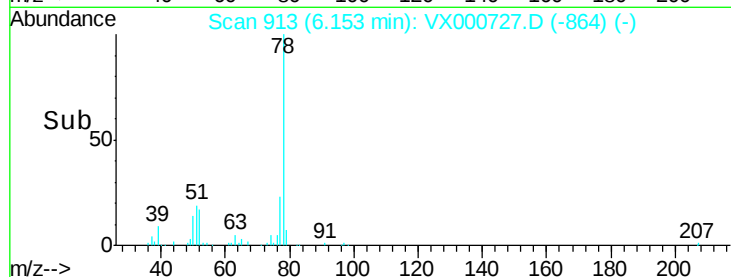
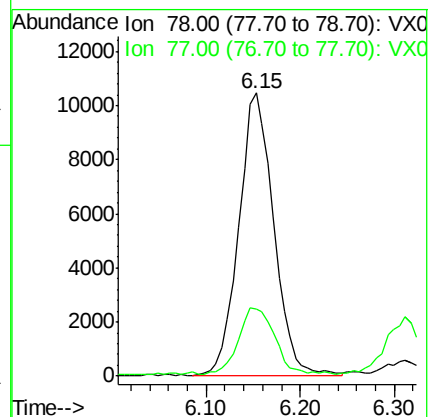
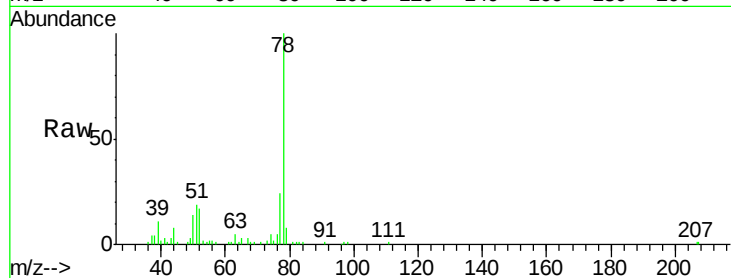
MW-10-040218

Tot Ion: 78 Resp: 27090

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.4



#50

Toluene-d8

Concen: 47.28 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000727.D

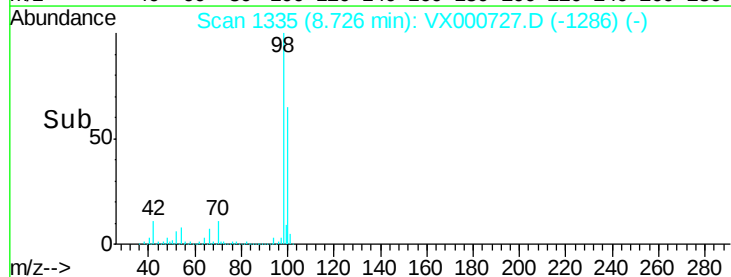
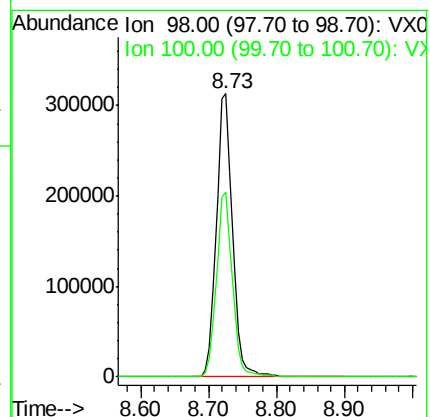
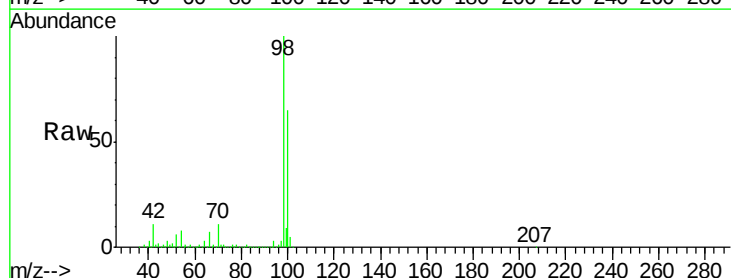
Acq: 08 Apr 2018 13:31

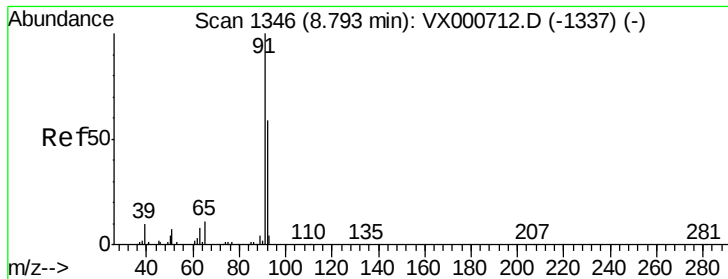
Tgt Ion: 98 Resp: 517978

Ion Ratio Lower Upper

98 100

100 64.6 52.6 78.8





#52

Toluene

Concen: 7.11 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

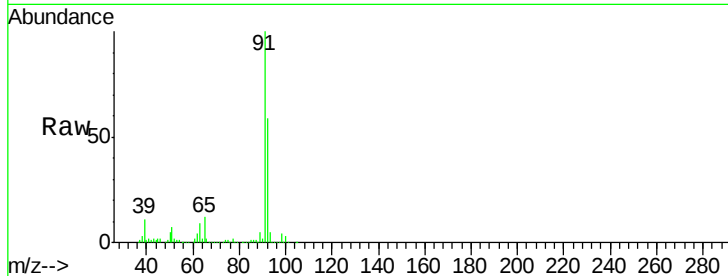
MW-10-040218

Tot Ion: 92 Resp: 51038

Ion Ratio Lower Upper

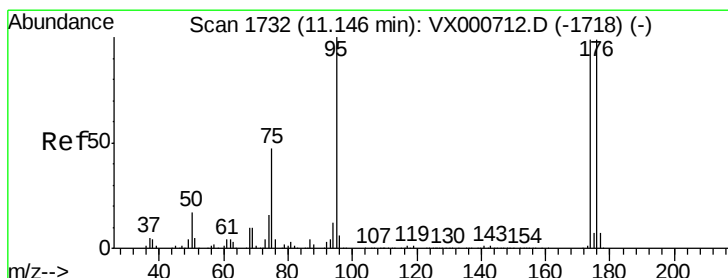
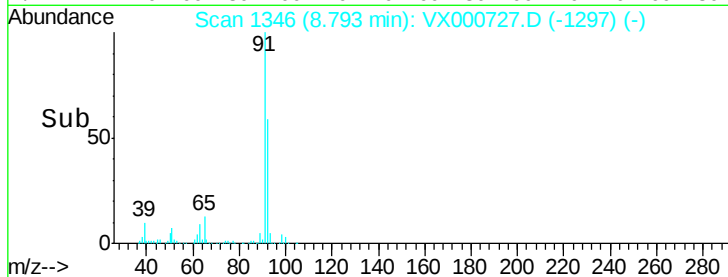
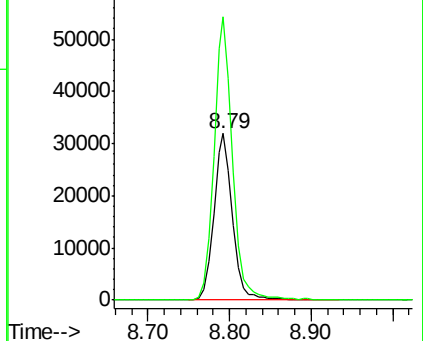
92 100

91 168.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

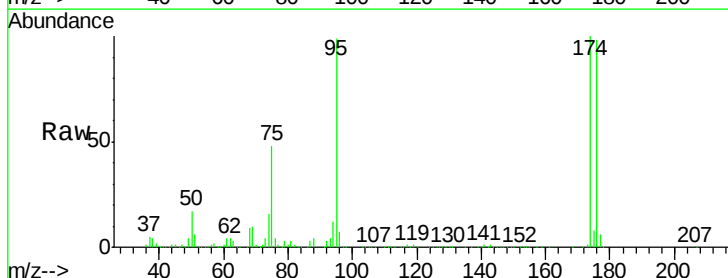
Tgt Ion: 95 Resp: 209616

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.6

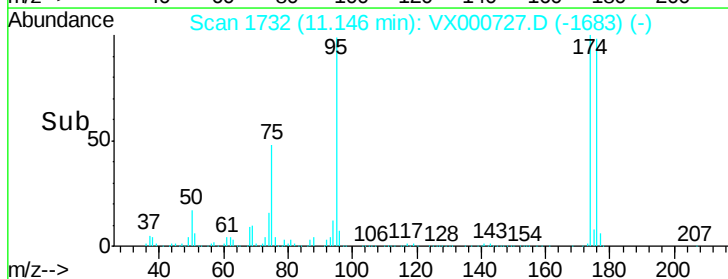
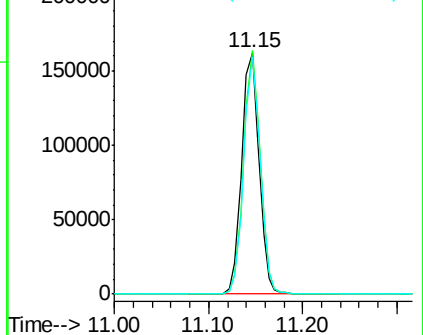
176 94.2 0.0 187.0

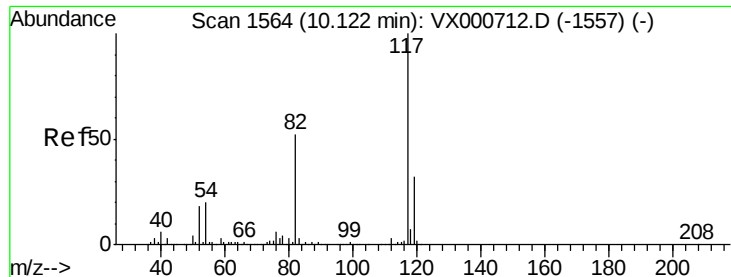


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

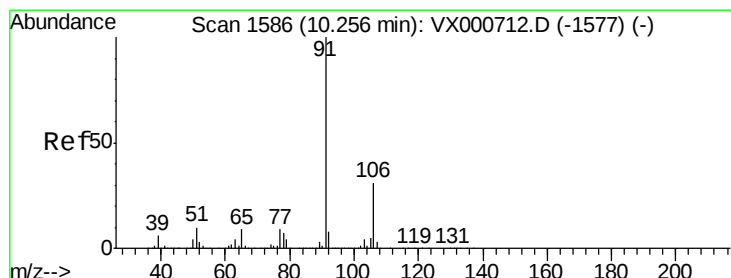
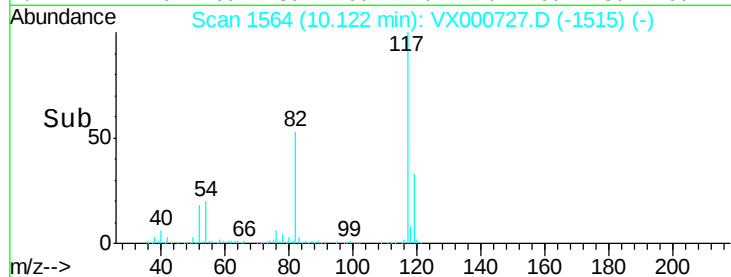
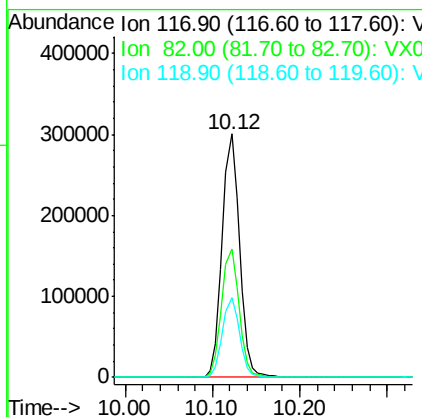
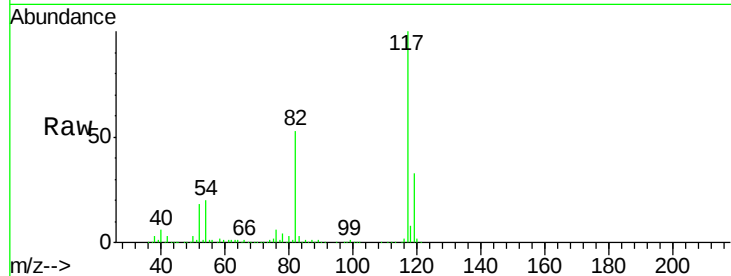




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

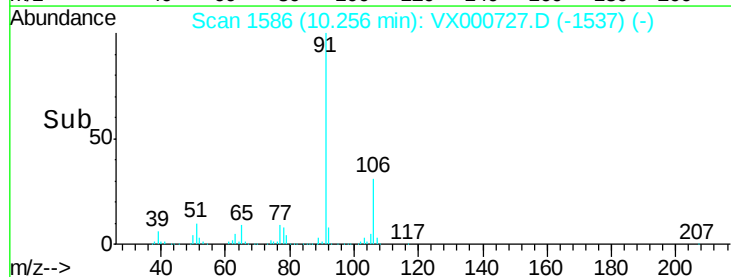
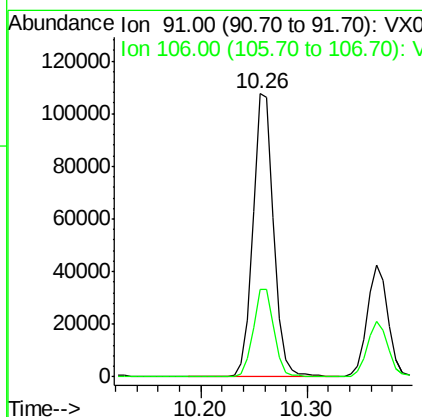
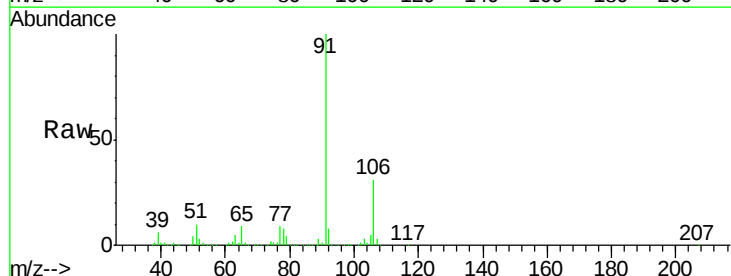
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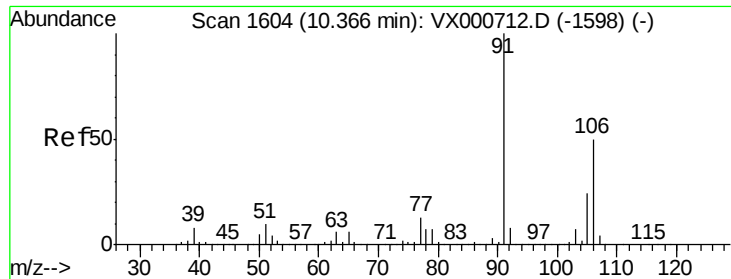
Tot Ion:117 Resp: 415024
Ion Ratio Lower Upper
117 100
82 52.9 41.9 62.9
119 32.8 25.8 38.8



#67
Ethyl Benzene
Concen: 10.23 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

Tgt Ion: 91 Resp: 146569
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

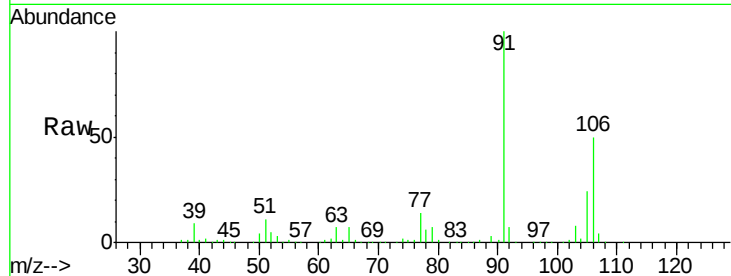




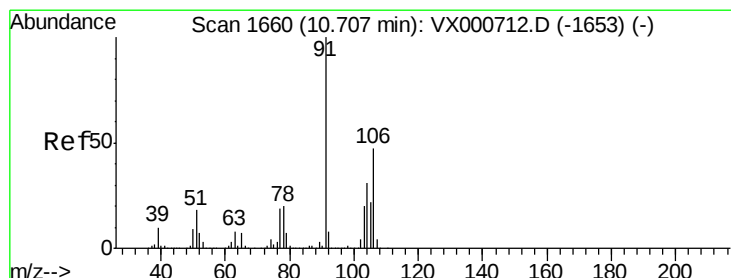
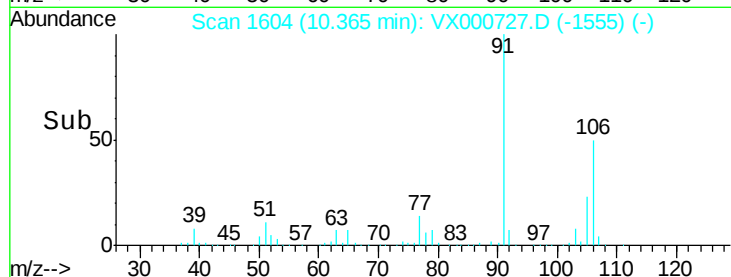
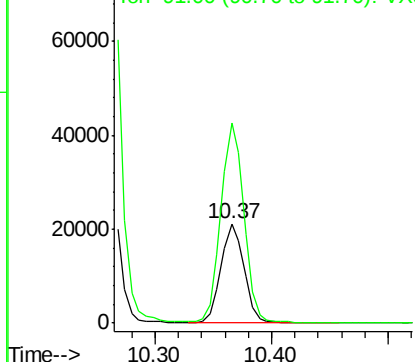
#68
m/p-Xylenes
Concen: 5.20 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
MW-10-040218

Tot Ion:106 Resp: 29165
Ion Ratio Lower Upper
106 100
91 201.1 159.7 239.5

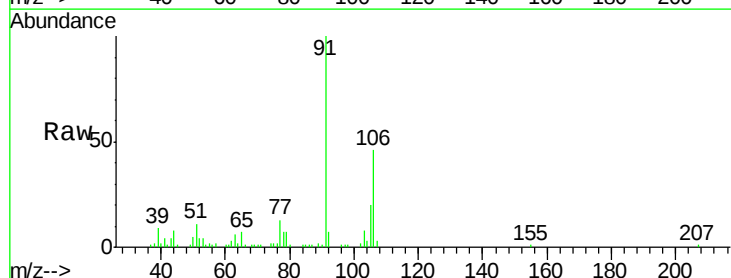


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

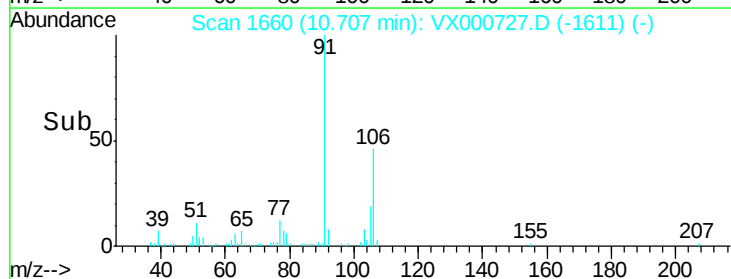
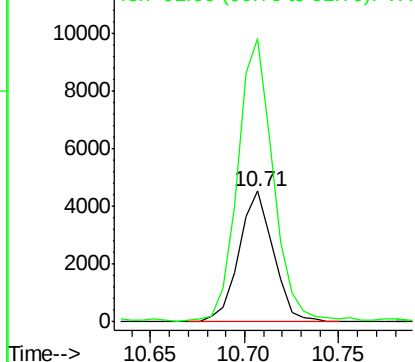


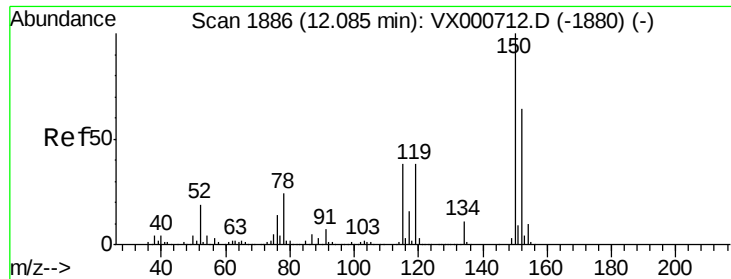
#69
o-Xylene
Concen: 1.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

Tgt Ion:106 Resp: 5730
Ion Ratio Lower Upper
106 100
91 225.4 106.1 318.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0



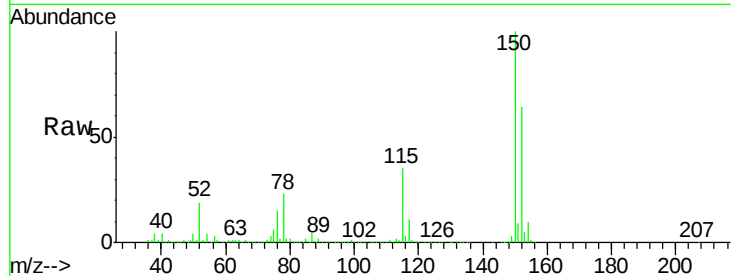


#72

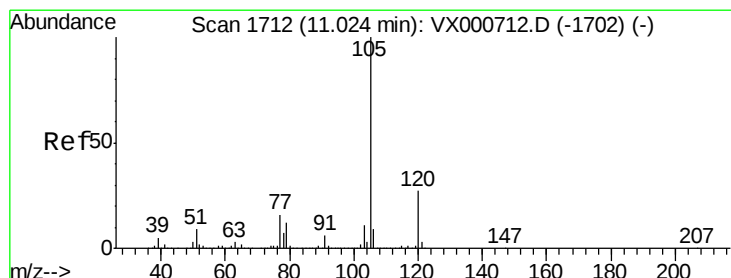
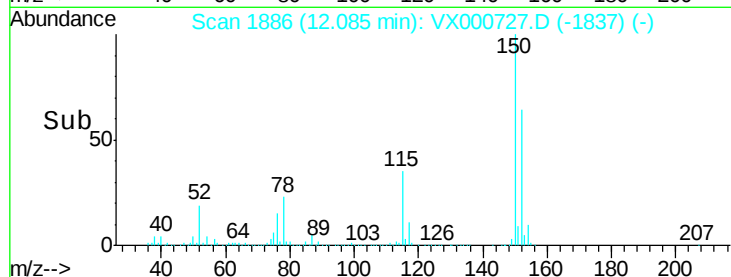
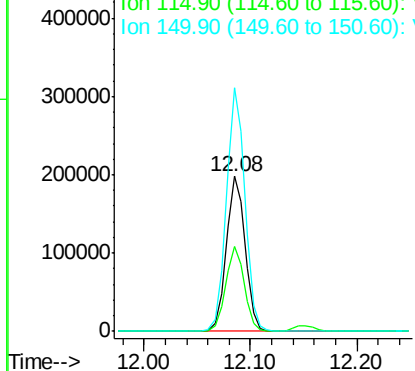
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

Instrument :
MSVOA_X
ClientSampleId :
MW-10-040218

Tot Ion:152 Resp: 244606
Ion Ratio Lower Upper
152 100
115 54.0 37.7 113.1
150 155.2 0.0 345.0



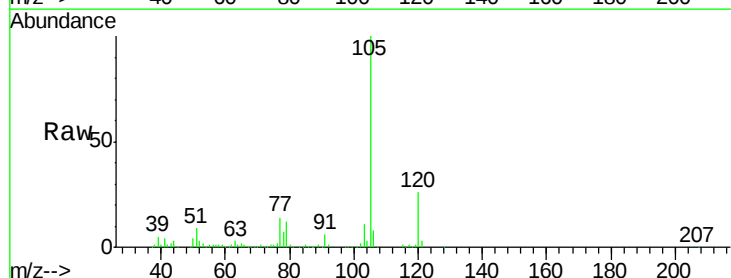
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



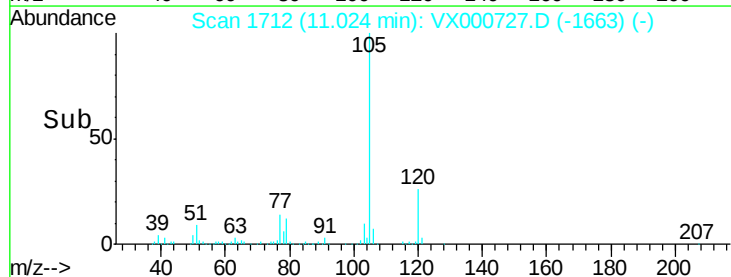
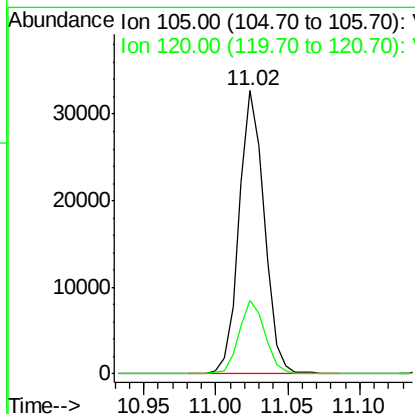
#73

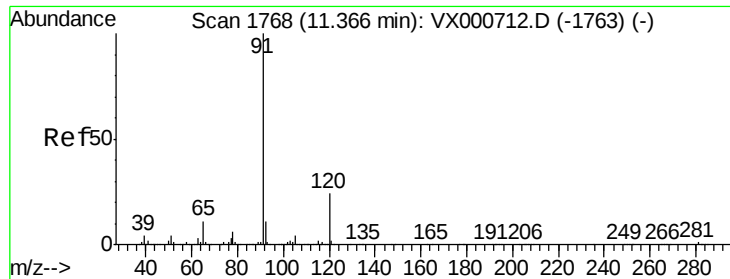
Isopropylbenzene
Concen: 2.73 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000727.D
Acq: 08 Apr 2018 13:31

Tgt Ion:105 Resp: 39882
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



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





#78

n-propylbenzene

Concen: 4.46 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000727.D

Acq: 08 Apr 2018 13:31

Instrument :

MSVOA_X

ClientSampleId :

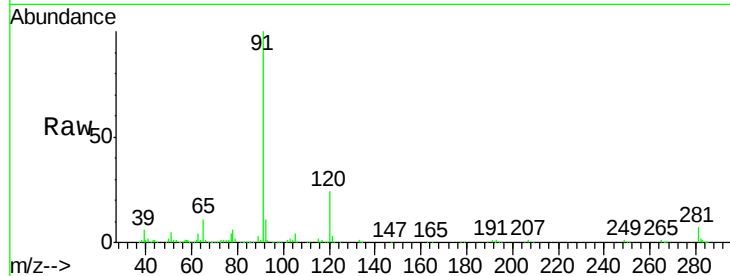
MW-10-040218

Tot Ion: 91 Resp: 74783

Ion Ratio Lower Upper

91 100

120 24.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX000727.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX000727.D (-1763) (-)

11.37

60000

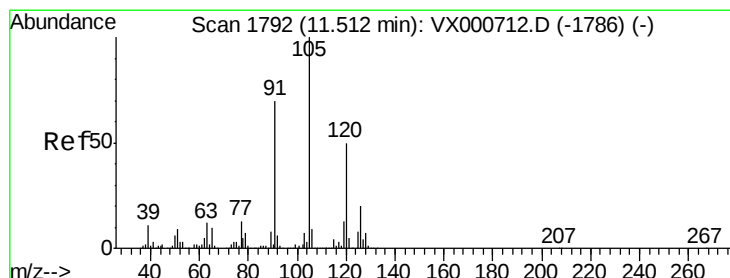
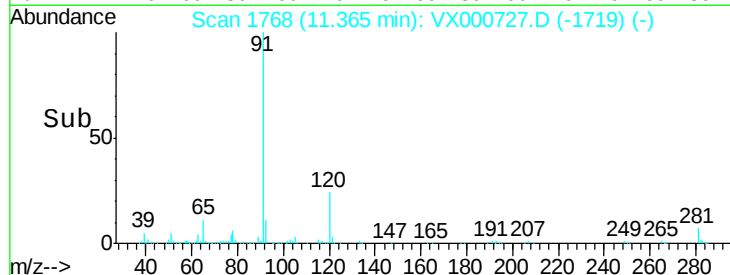
40000

20000

0

Time-->

11.30 11.35 11.40



#80

1,3,5-Trimethylbenzene

Concen: 0.71 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000727.D

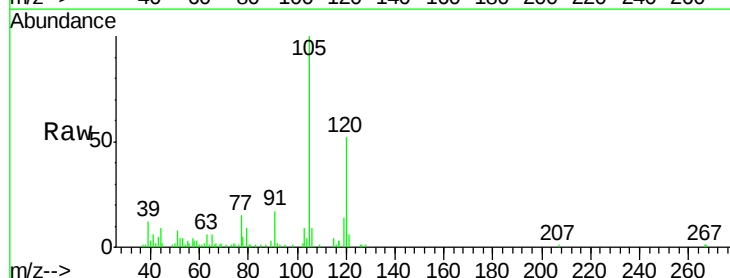
Acq: 08 Apr 2018 13:31

Tgt Ion: 105 Resp: 9004

Ion Ratio Lower Upper

105 100

120 48.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX000727.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000727.D (-1786) (-)

20000

15000

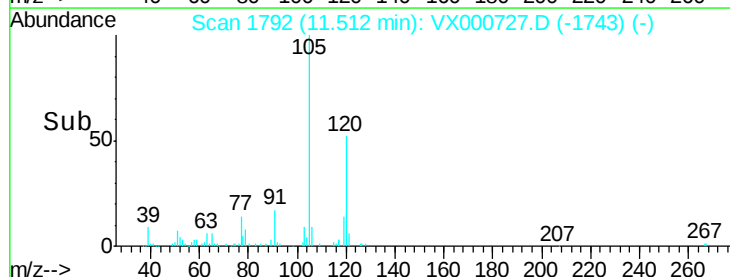
10000

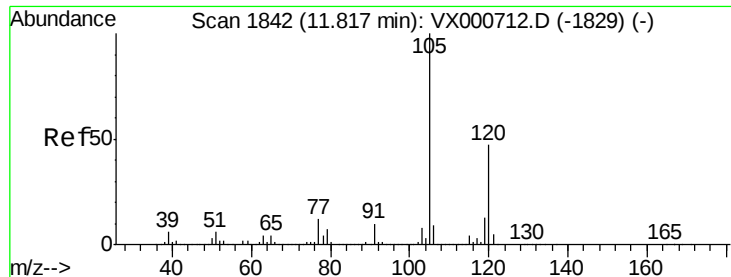
5000

0

Time-->

11.50 11.51 11.55





#84
 1,2,4-Trimethylbenzene
 Concen: 0.97 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000727.D
 Acq: 08 Apr 2018 13:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10-040218

Tot Ion:105 Resp: 12743
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.9 68.5

