

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001067.D
 Acq On : 23 Apr 2018 18:53
 Operator : JC/MD
 Sample : J2464-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW100-180418

Quant Time: Apr 24 08:09:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

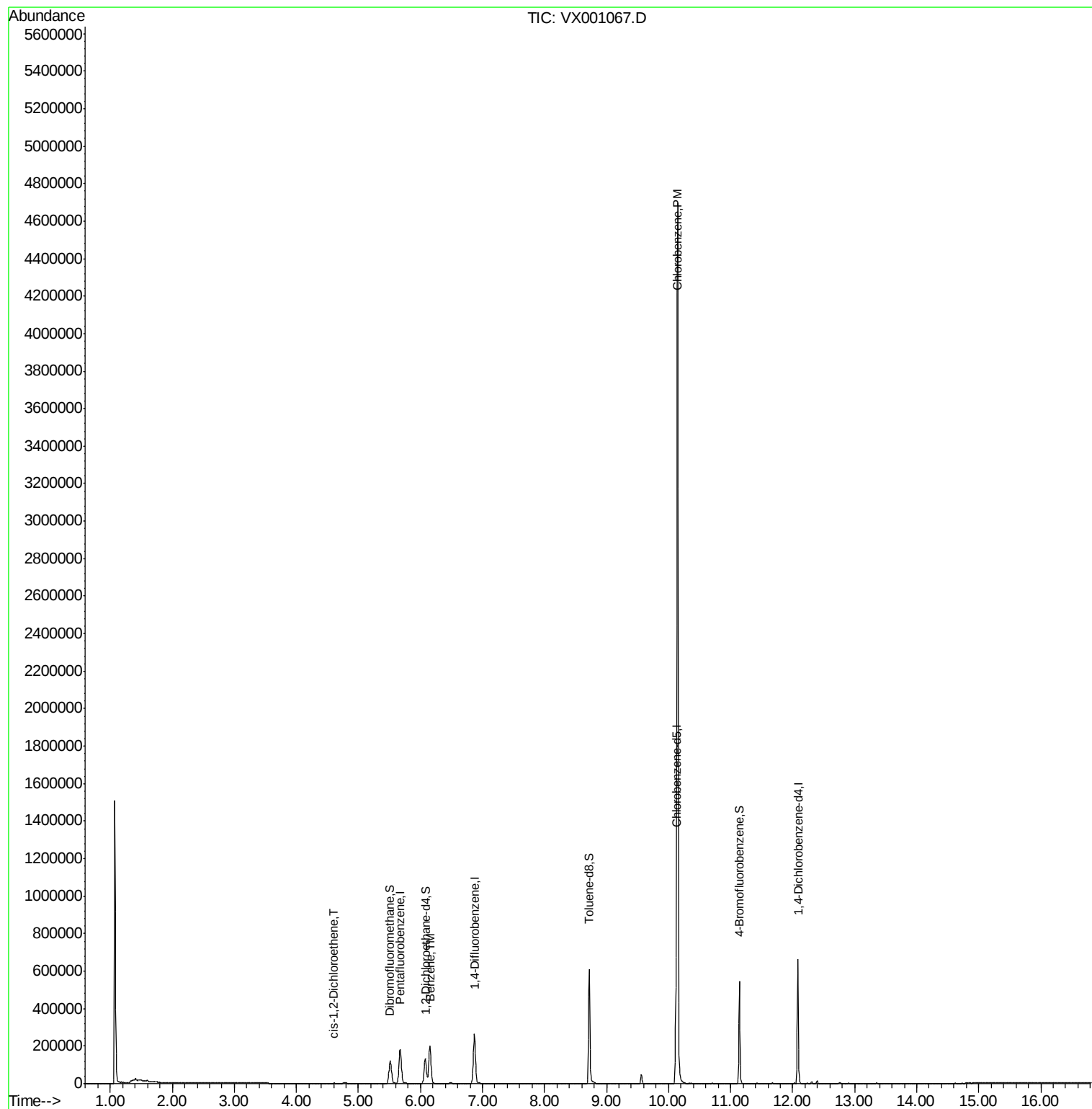
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	197039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	278691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	246451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	140756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129985	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
35) Dibromofluoromethane	5.51	113	99162	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	8.72	98	379714	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	135807	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	1811	0.76	ug/l	82
40) Benzene	6.15	78	237704	26.11	ug/l	100
65) Chlorobenzene	10.15	112	2071972	315.74	ug/l	99

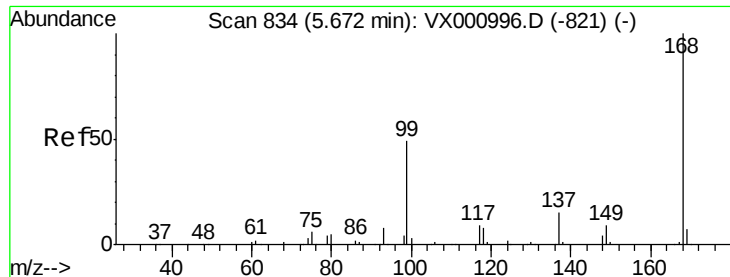
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

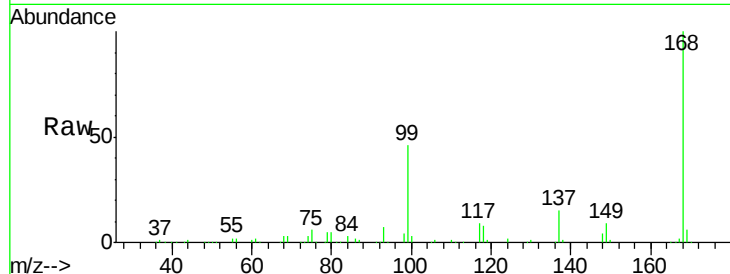
SS043MW100-180418

Tot Ion:168 Resp: 197039

Ion Ratio Lower Upper

168 100

99 45.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

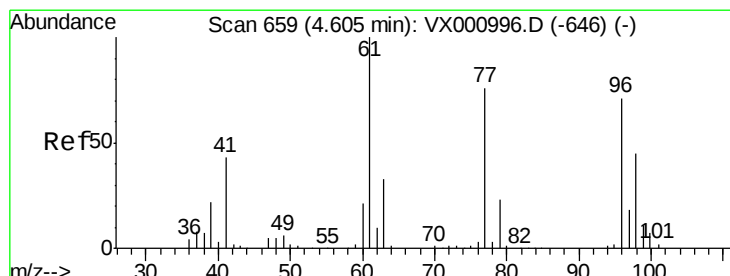
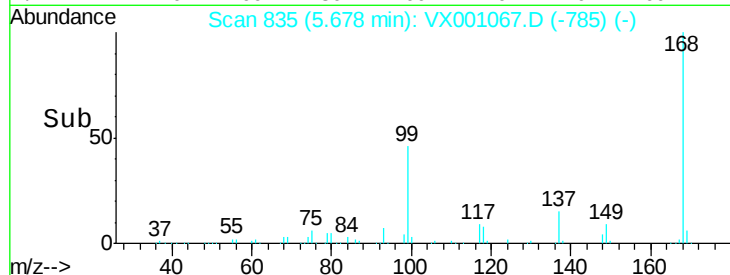
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.76 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

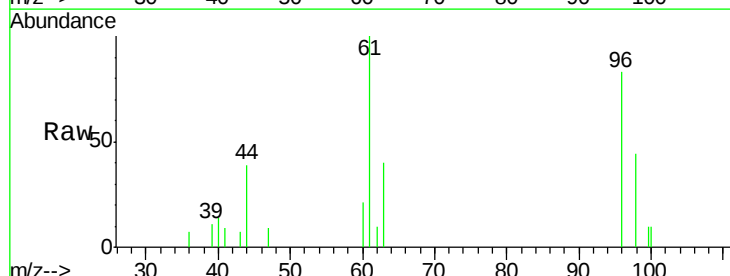
Tgt Ion: 96 Resp: 1811

Ion Ratio Lower Upper

96 100

61 120.0 0.0 297.0

98 58.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

1000

800

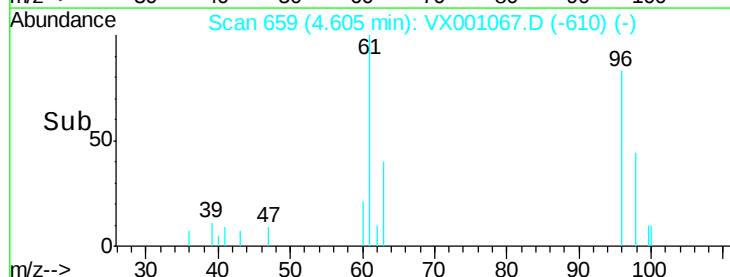
600

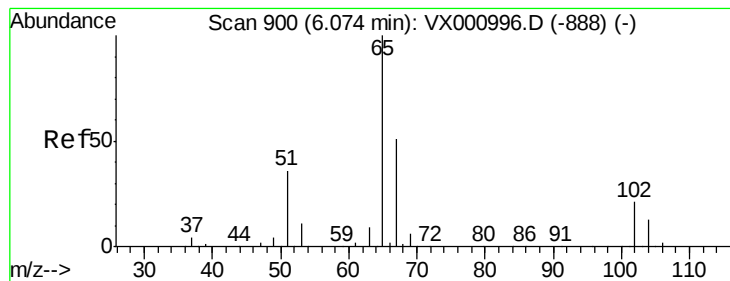
400

200

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 52.04 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

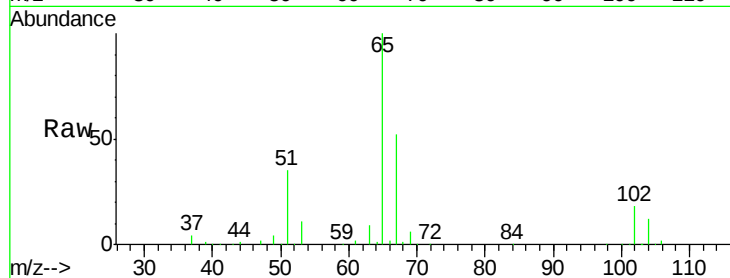
SS043MW100-180418

Tot Ion: 65 Resp: 129985

Ion Ratio Lower Upper

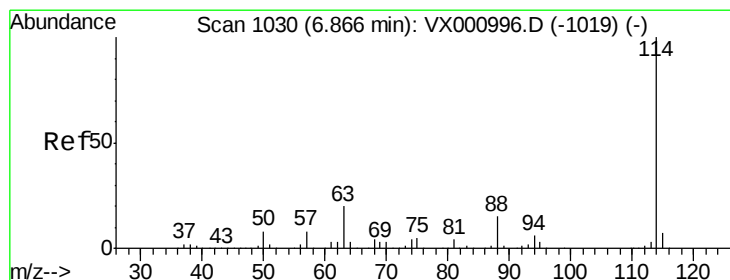
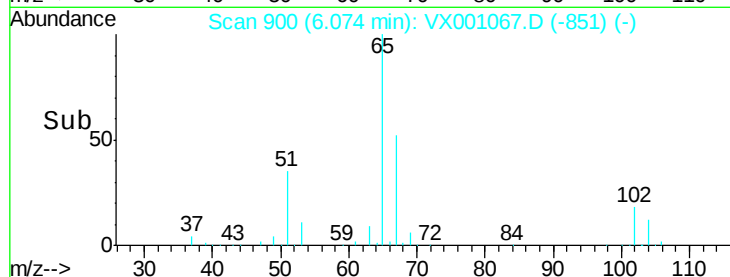
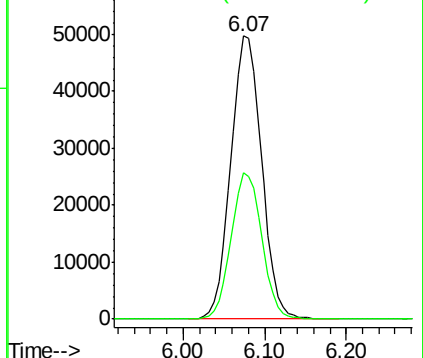
65 100

67 51.4 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

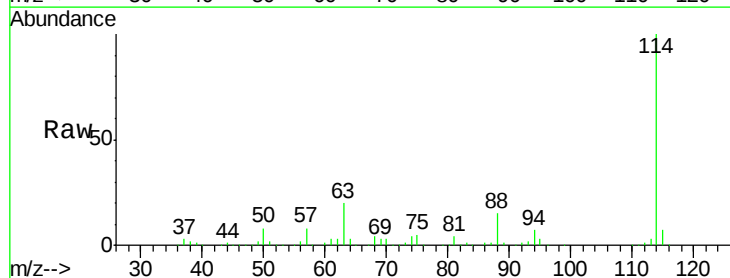
Tgt Ion: 114 Resp: 278691

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

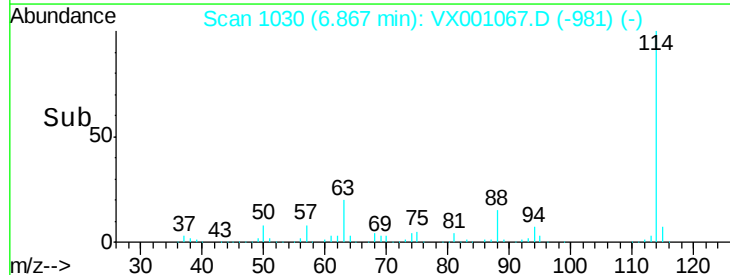
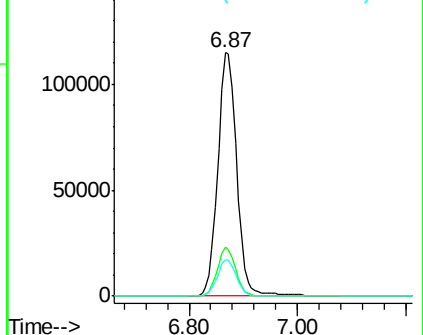
88 15.1 0.0 29.8

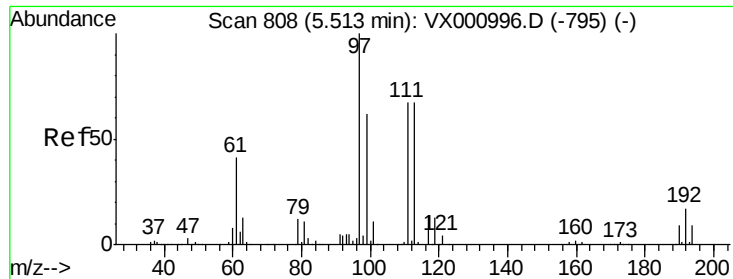


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

SS043MW100-180418

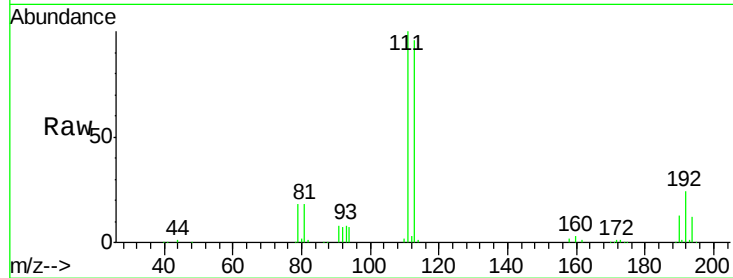
Tot Ion:113 Resp: 99162

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.2

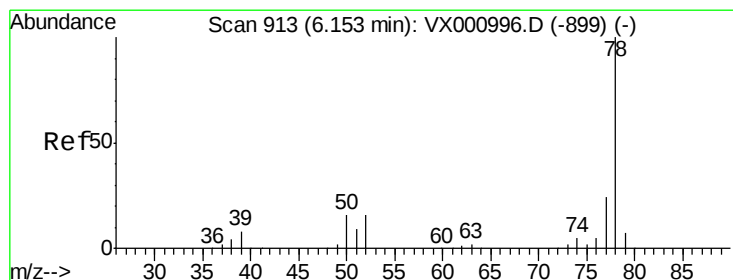
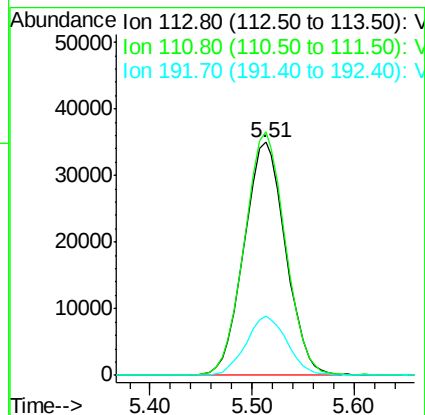
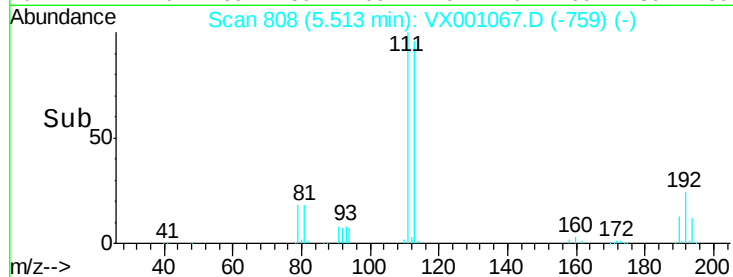
192 25.1 20.4 30.6



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: 26.11 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001067.D

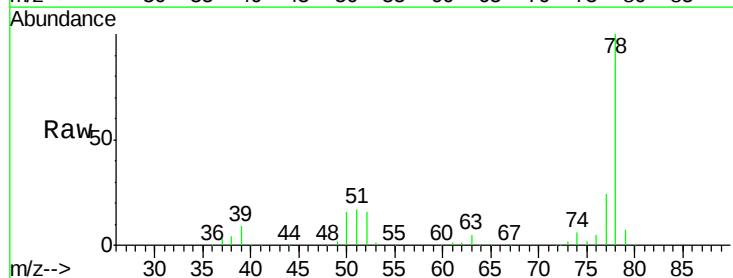
Acq: 23 Apr 2018 18:53

Tgt Ion: 78 Resp: 237704

Ion Ratio Lower Upper

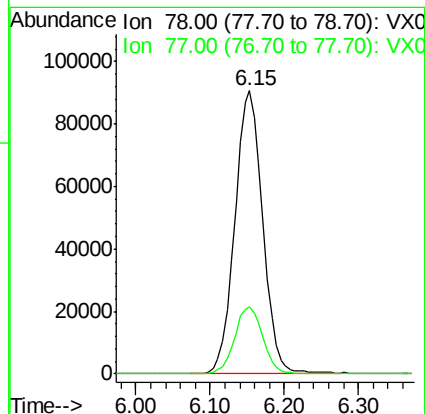
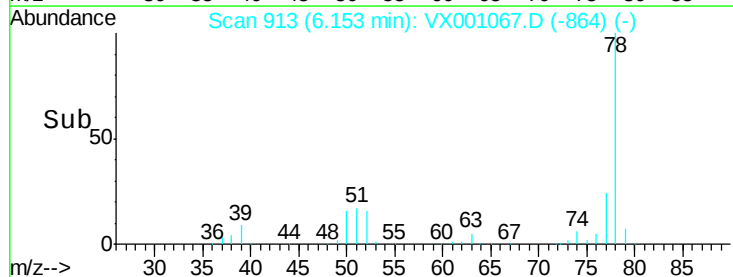
78 100

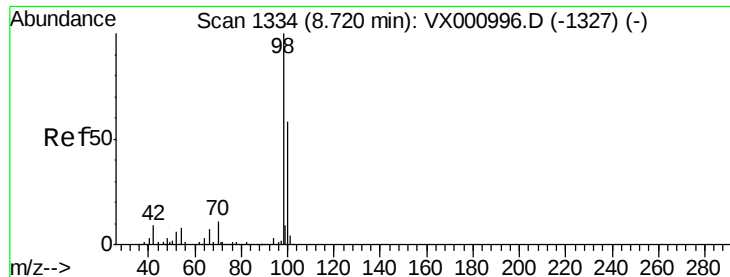
77 23.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.32 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

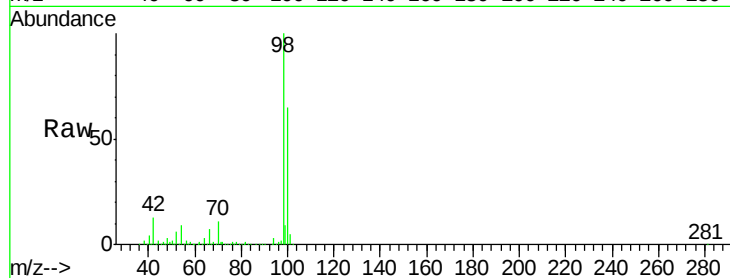
SS043MW100-180418

Tot Ion: 98 Resp: 379714

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

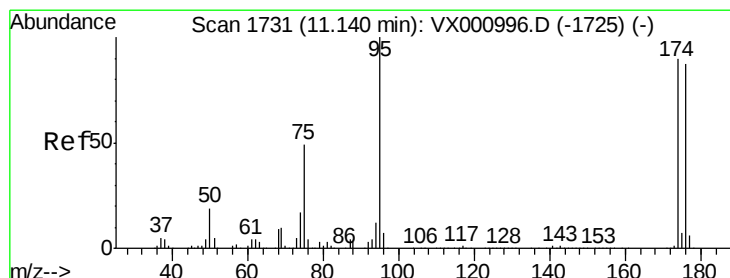
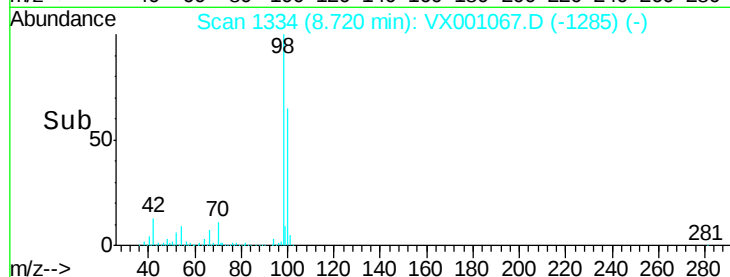
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 41.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

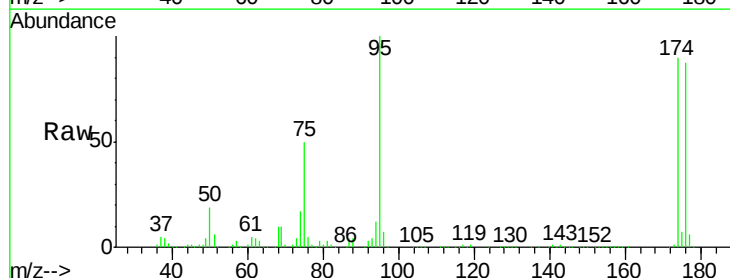
Tgt Ion: 95 Resp: 135807

Ion Ratio Lower Upper

95 100

174 98.0 0.0 198.4

176 94.5 0.0 192.0



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

11.14

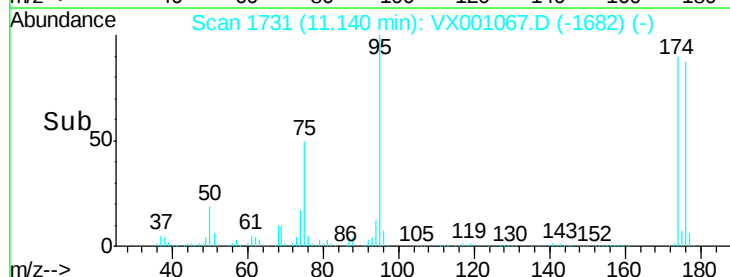
150000

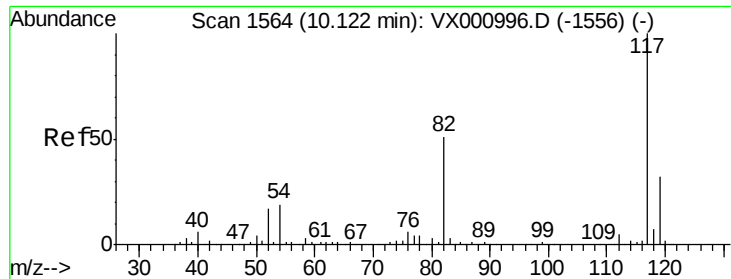
100000

50000

0

Time--> 11.10 11.20

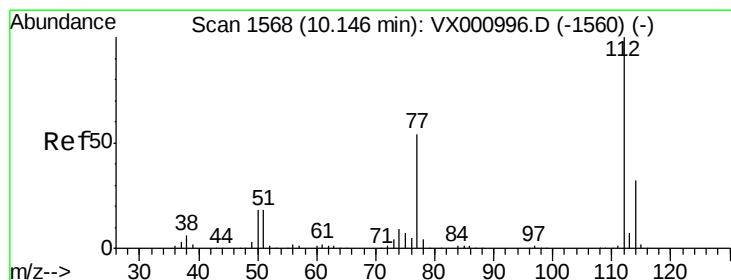
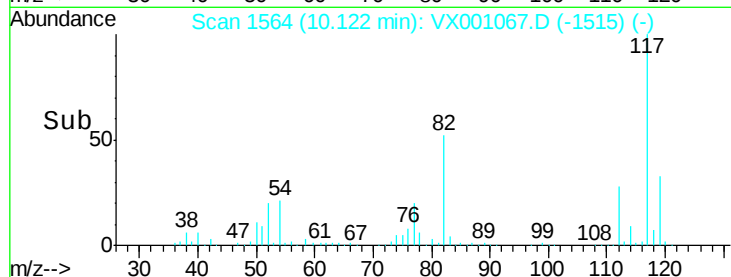
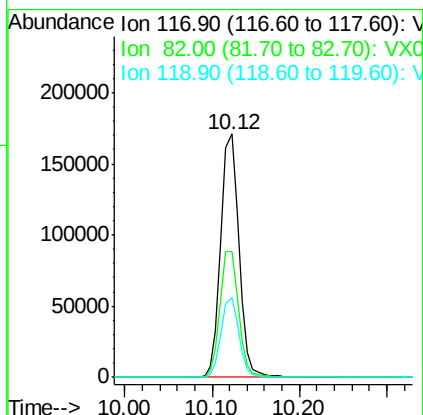
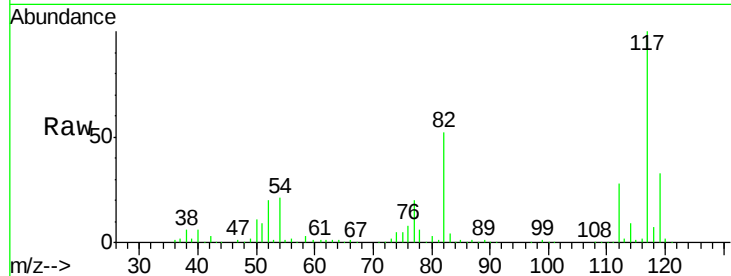




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001067.D
Acq: 23 Apr 2018 18:53

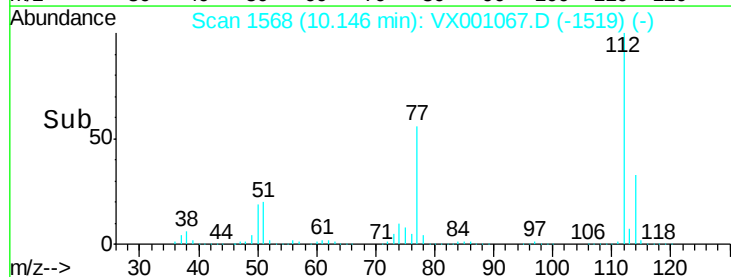
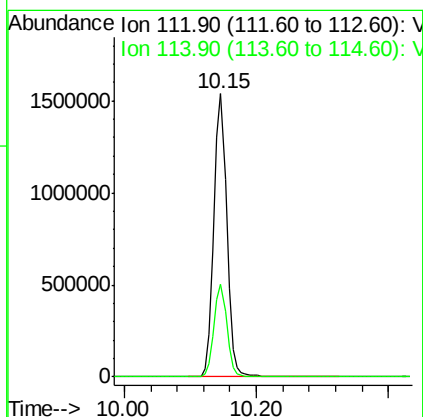
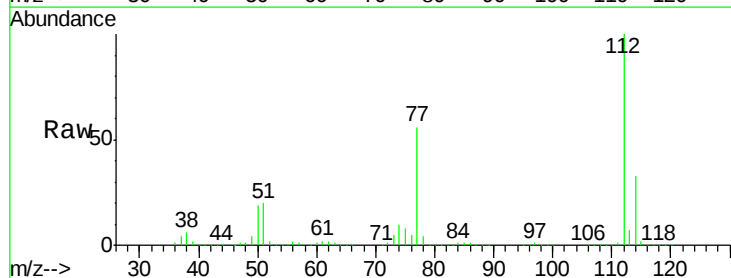
Instrument :
MSVOA_X
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SS043MW100-180418

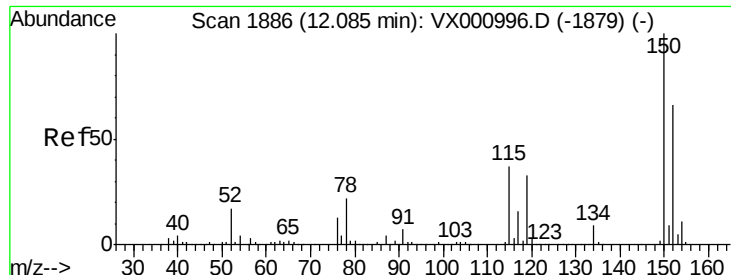
Tot Ion:117 Resp: 246451
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.7 26.0 39.0



#65
Chlorobenzene
Concen: 315.74 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001067.D
Acq: 23 Apr 2018 18:53

Tgt Ion:112 Resp: 2071972
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001067.D

Acq: 23 Apr 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

SS043MW100-180418

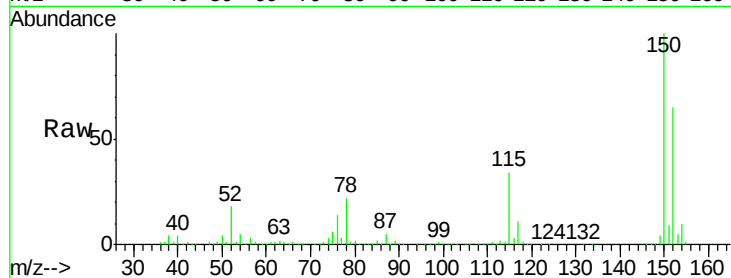
Tot Ion:152 Resp: 140756

Ion Ratio Lower Upper

152 100

115 53.6 38.2 114.6

150 155.8 0.0 350.4



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

