

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000764.D
 Acq On : 10 Apr 2018 22:28
 Operator : JC/MD
 Sample : J2157-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-040618-D

Quant Time: Apr 11 09:03:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

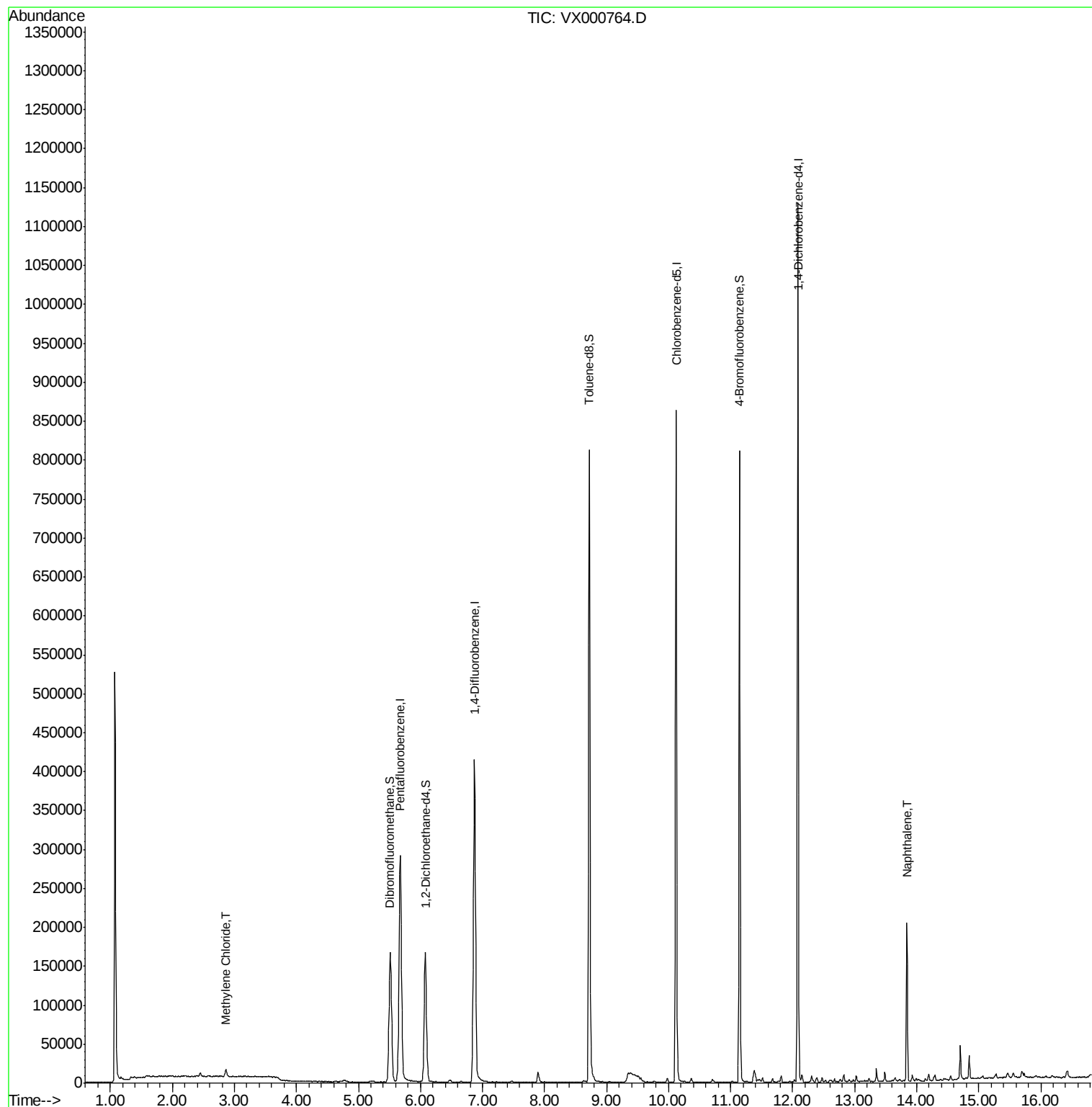
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	319475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	160076	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
35) Dibromofluoromethane	5.51	113	136404	40.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.16%	
50) Toluene-d8	8.72	98	511397	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
62) 4-Bromofluorobenzene	11.15	95	206576	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.80%	
Target Compounds						
20) Methylene Chloride	2.87	84	4664	1.44	ug/l	# 83
95) Naphthalene	13.84	128	124496	7.06	ug/l	100

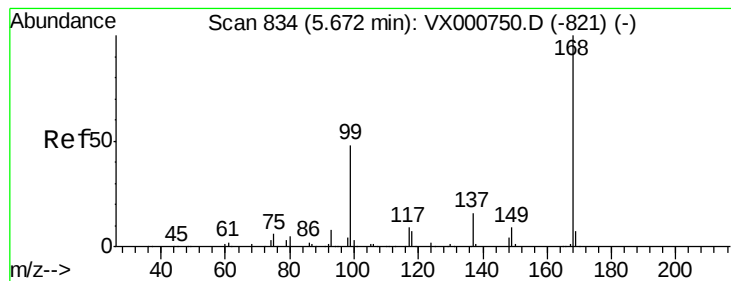
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

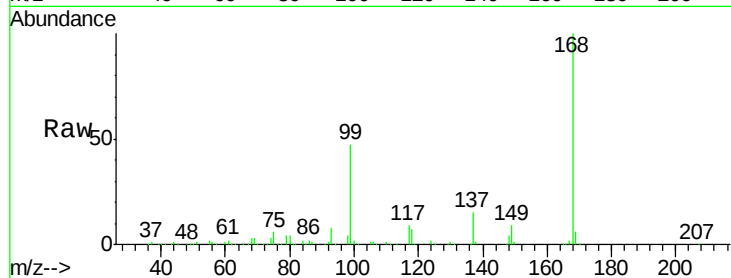
CL-01-040618-D

Tot Ion:168 Resp: 319475

Ion Ratio Lower Upper

168 100

99 46.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

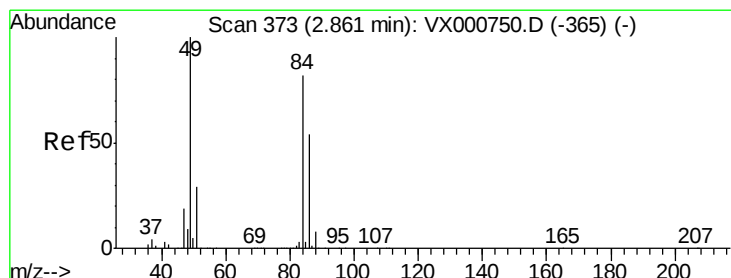
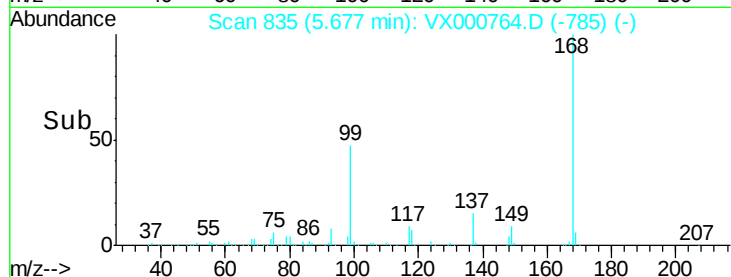
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.44 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Tgt Ion: 84 Resp: 4664

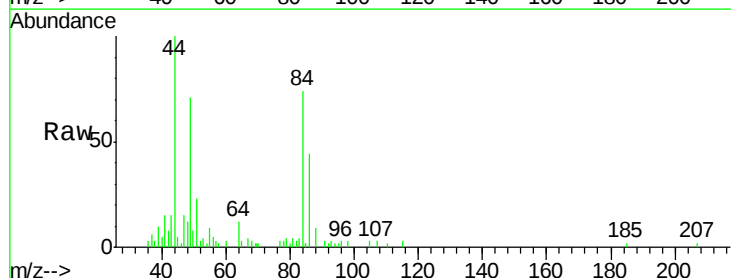
Ion Ratio Lower Upper

84 100

49 96.0 98.1 147.1#

51 28.3 28.9 43.3#

86 60.4 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

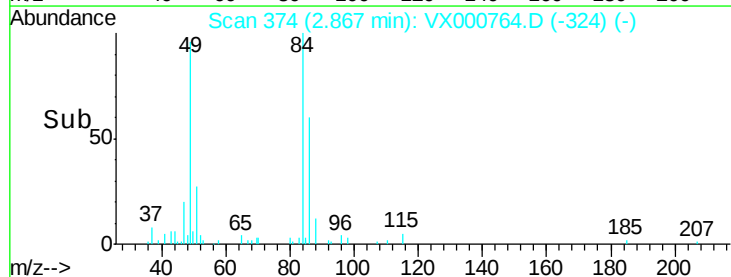
3000

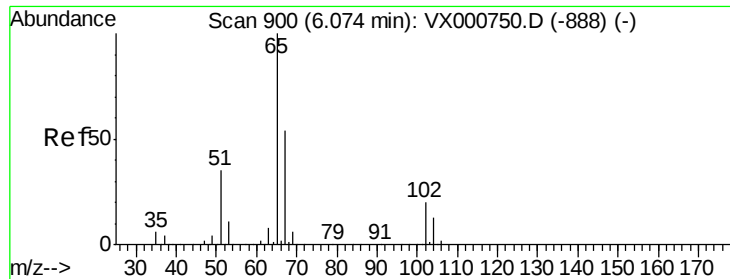
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.74 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

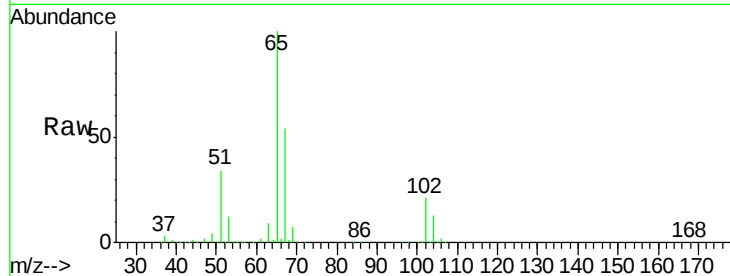
CL-01-040618-D

Tot Ion: 65 Resp: 160076

Ion Ratio Lower Upper

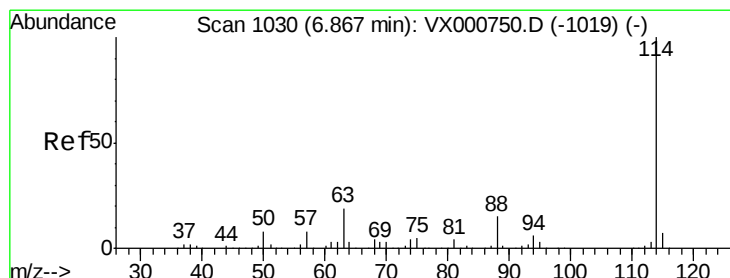
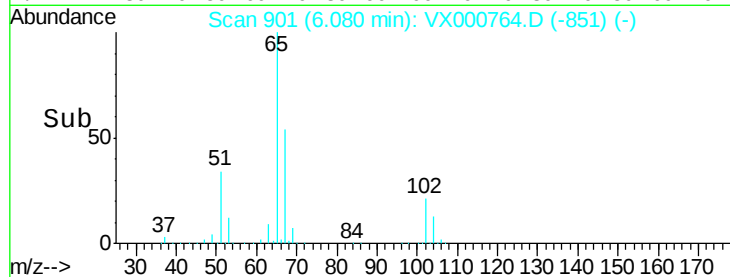
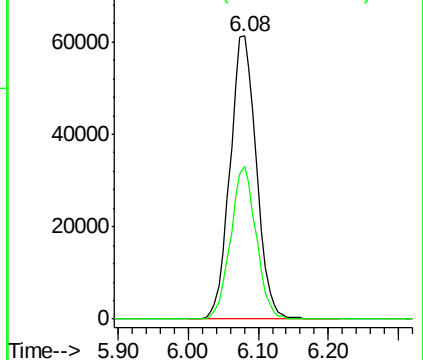
65 100

67 52.4 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

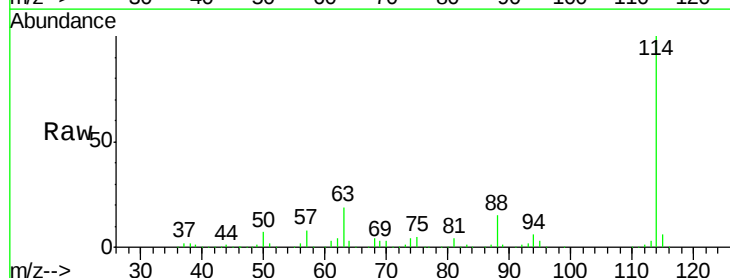
Tgt Ion: 114 Resp: 441747

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

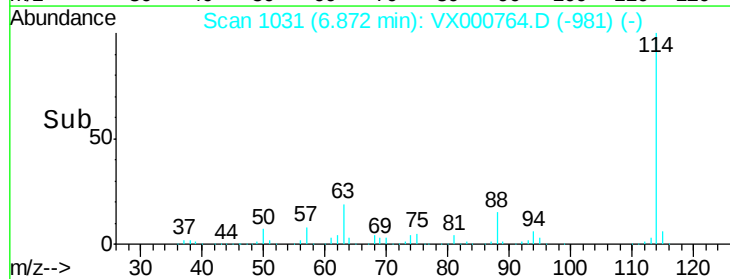
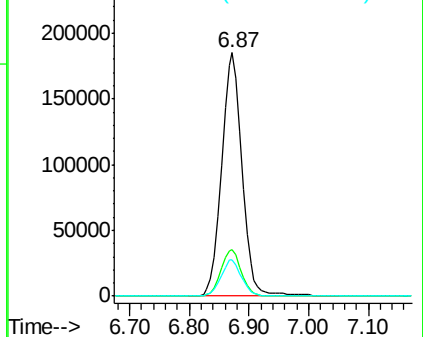
88 15.1 0.0 31.0

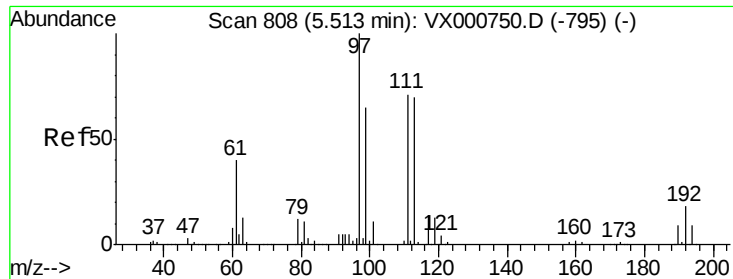


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Instrument :

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ClientSampleId :

CL-01-040618-D

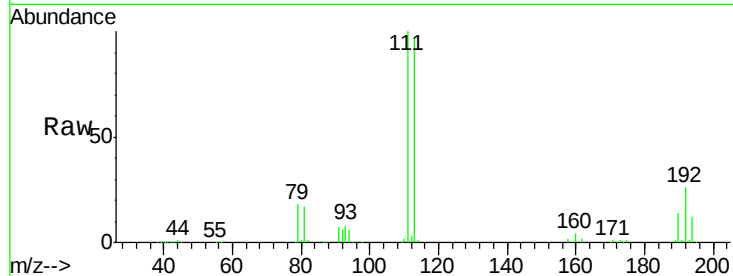
Tot Ion:113 Resp: 136404

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

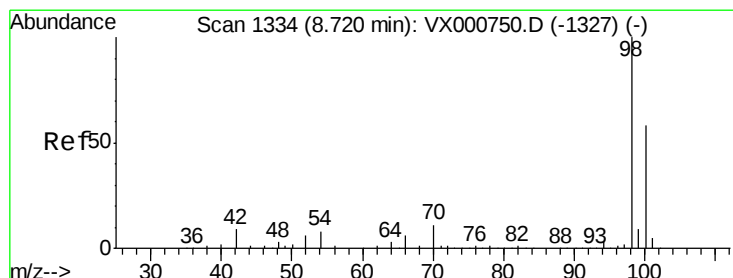
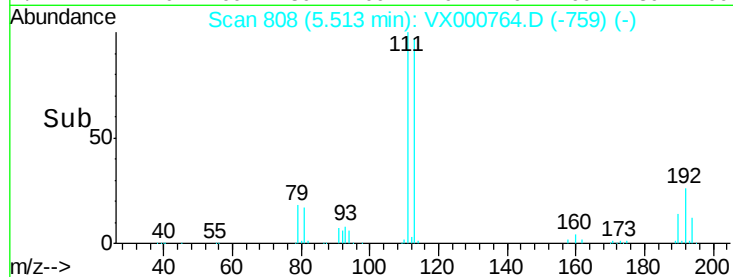
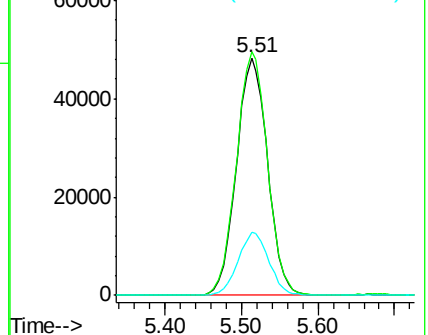
192 26.1 20.4 30.6



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



#50

Toluene-d8

Concen: 40.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000764.D

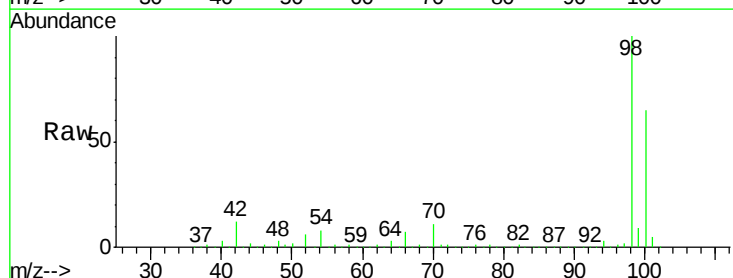
Acq: 10 Apr 2018 22:28

Tgt Ion: 98 Resp: 511397

Ion Ratio Lower Upper

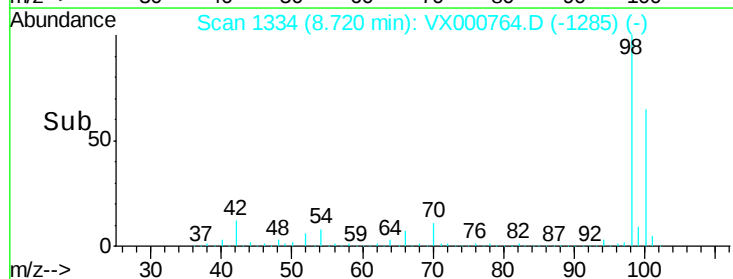
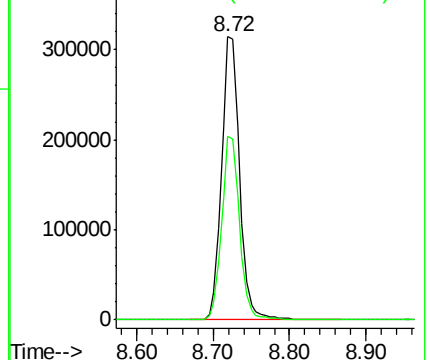
98 100

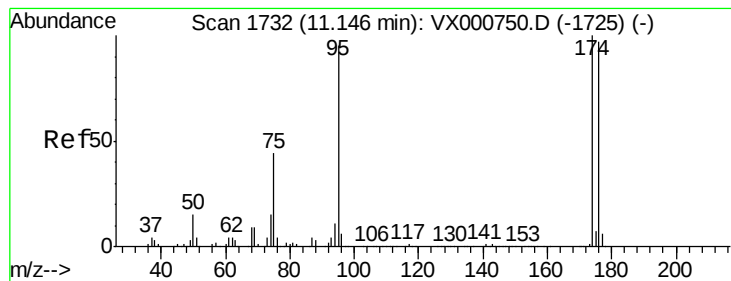
100 64.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 39.40 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

CL-01-040618-D

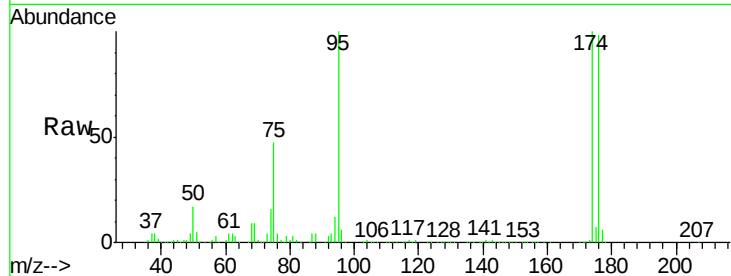
Tot Ion: 95 Resp: 206576

Ion Ratio Lower Upper

95 100

174 96.9 0.0 198.4

176 95.1 0.0 194.4



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

11.15

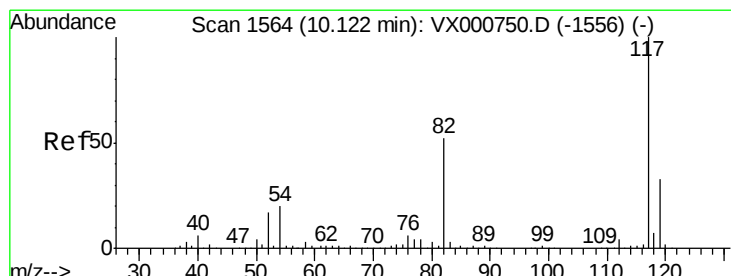
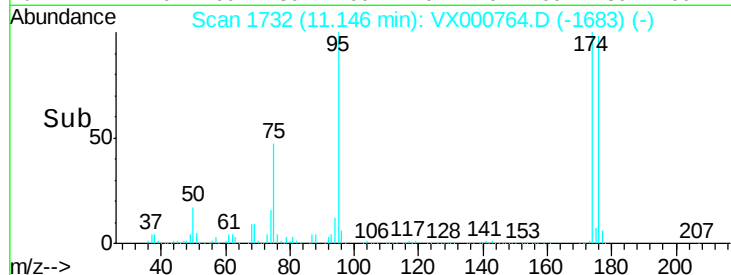
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

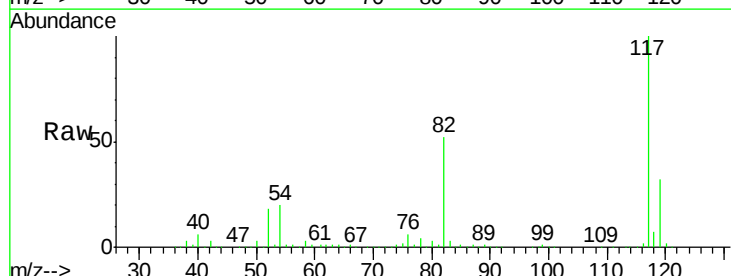
Tgt Ion: 117 Resp: 411812

Ion Ratio Lower Upper

117 100

82 52.0 41.9 62.9

119 32.3 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.12

400000

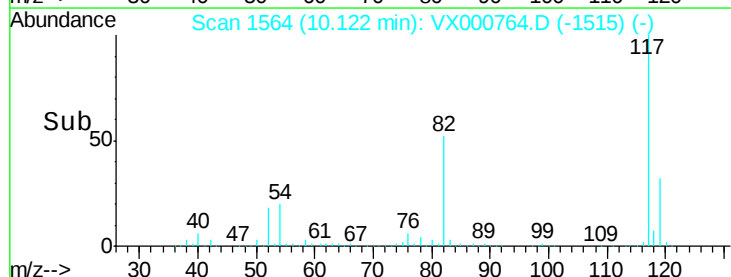
300000

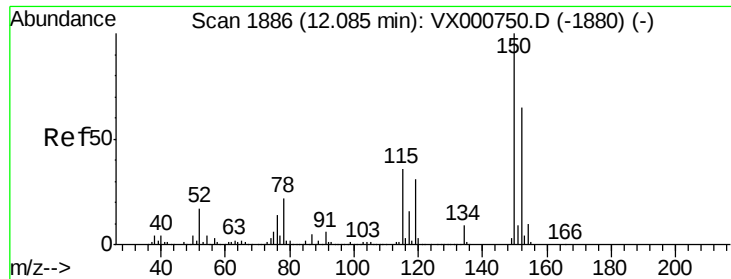
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

Instrument :

MSVOA_X

ClientSampleId :

CL-01-040618-D

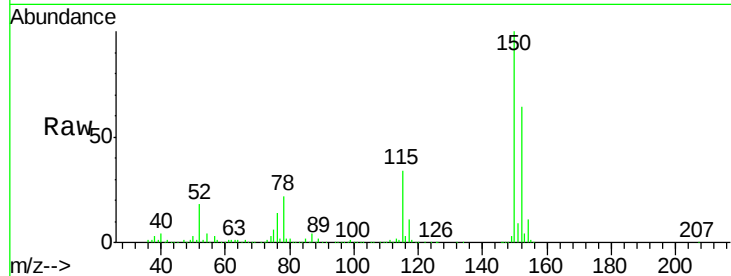
Tot Ion:152 Resp: 242421

Ion Ratio Lower Upper

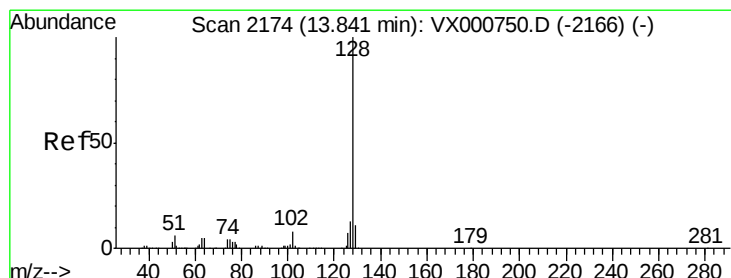
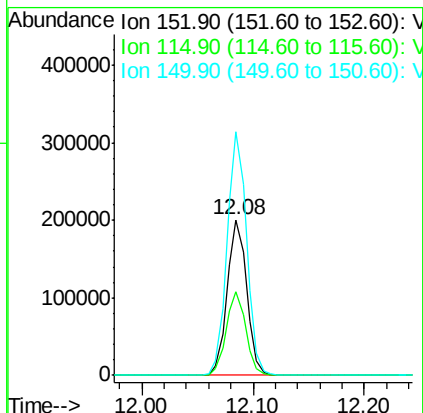
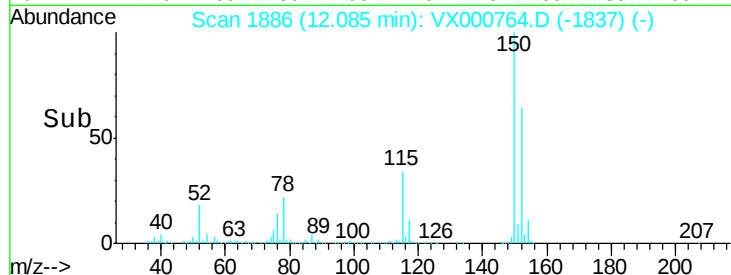
152 100

115 54.0 37.9 113.7

150 156.9 0.0 348.0



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



#95

Naphthalene

Concen: 7.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000764.D

Acq: 10 Apr 2018 22:28

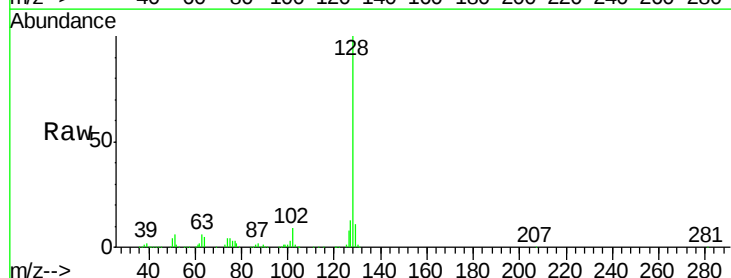
Tgt Ion:128 Resp: 124496

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

