

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003258.D
 Acq On : 09 Jul 2018 21:50
 Operator : JC/MD
 Sample : J3762-09 MDL 0.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 10 04:34:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

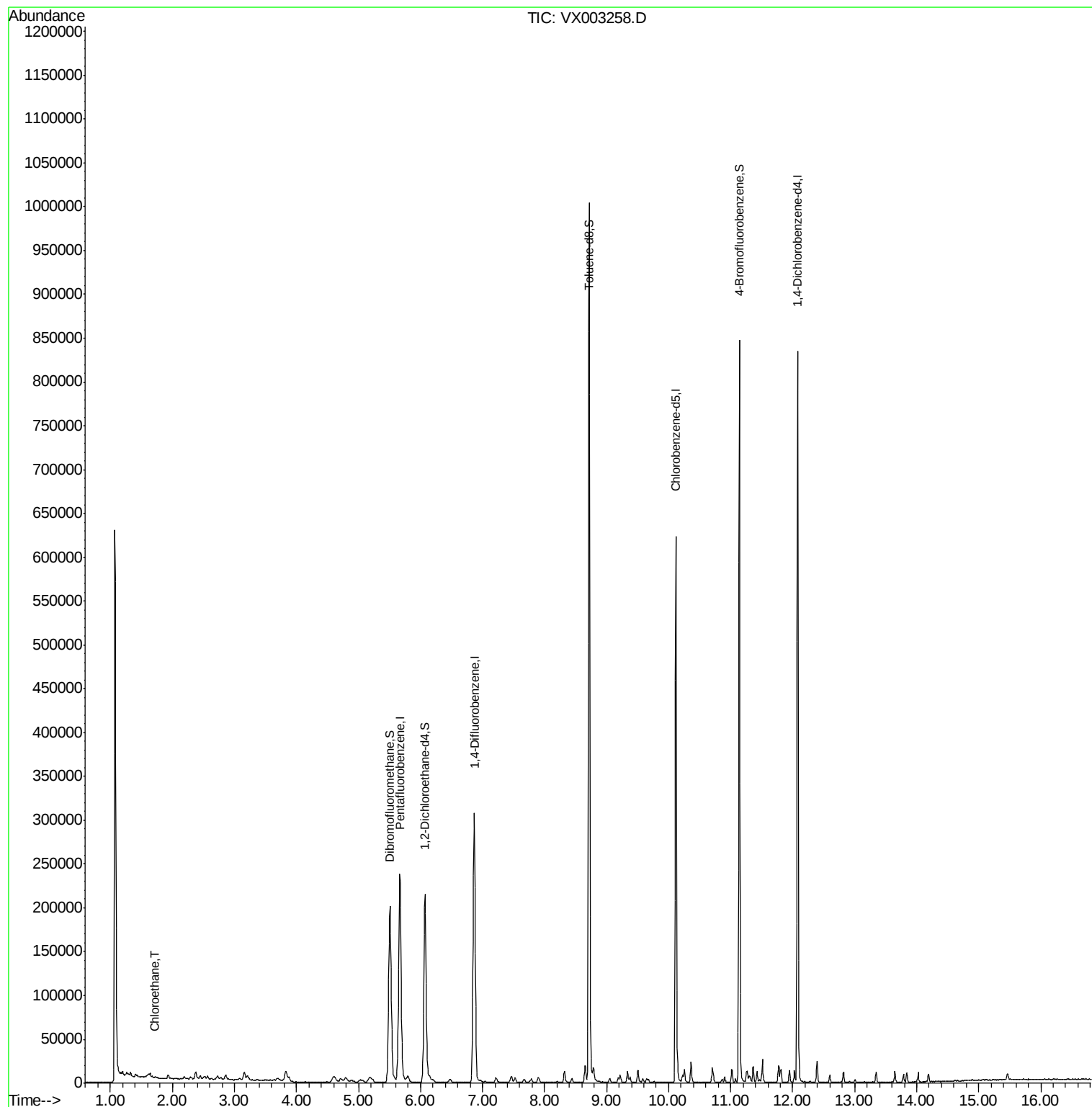
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	199989	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	164918	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.72	98	593664	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	204643	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
5) Bromomethane	1.64	94	2804	Below Cal		Qvalue 92
6) Chloroethane	1.72	64	1437	0.74 ug/l	#	75

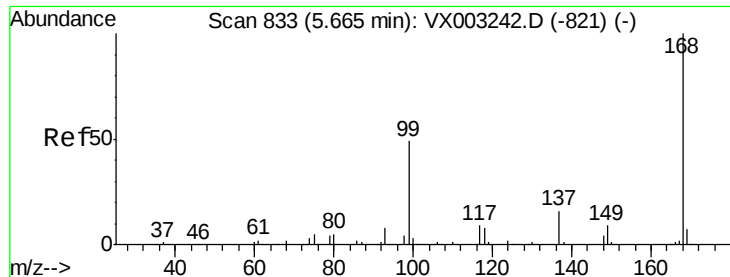
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

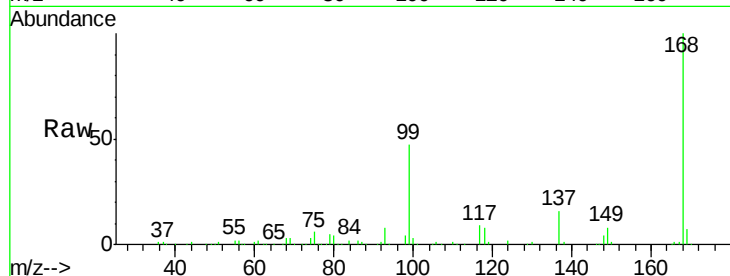
MDL-WATER-03-QT3-2018

Tot Ion:168 Resp: 246996

Ion Ratio Lower Upper

168 100

99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

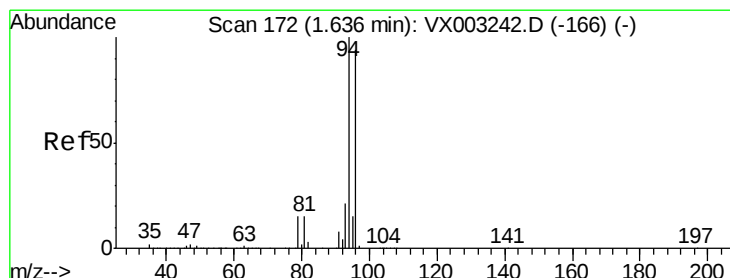
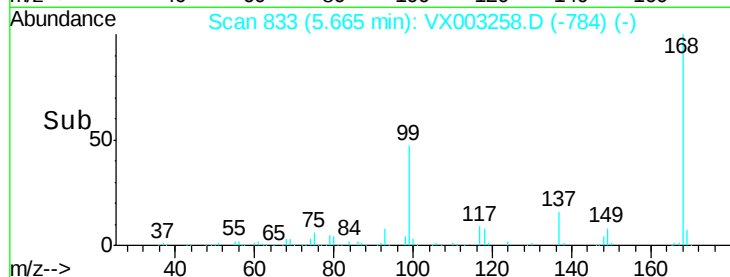
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003258.D

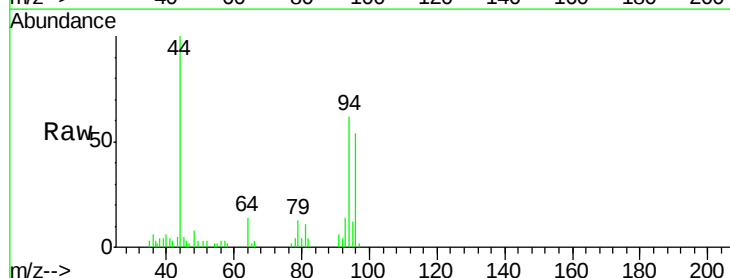
Acq: 09 Jul 2018 21:50

Tgt Ion: 94 Resp: 2804

Ion Ratio Lower Upper

94 100

96 86.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

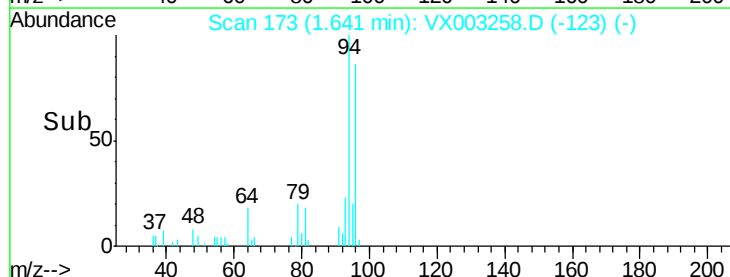
1500

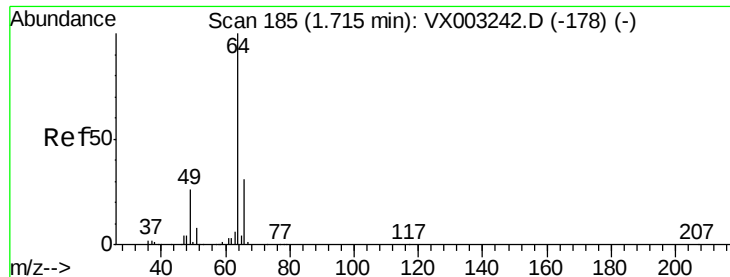
1000

500

0

Time--> 1.60 1.65





#6

Chloroethane

Concen: 0.74 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003258.D

Acq: 09 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

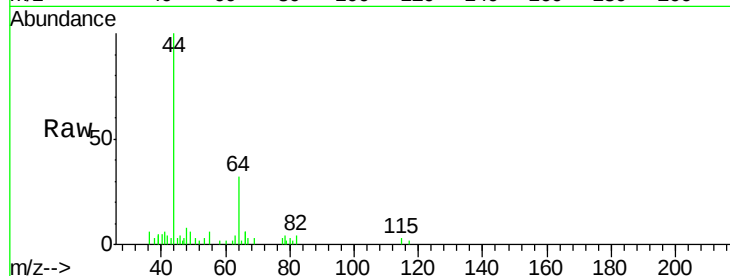
MDL-WATER-03-QT3-2018

Tot Ion: 64 Resp: 1437

Ion Ratio Lower Upper

64 100

66 45.8 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

1000

800

600

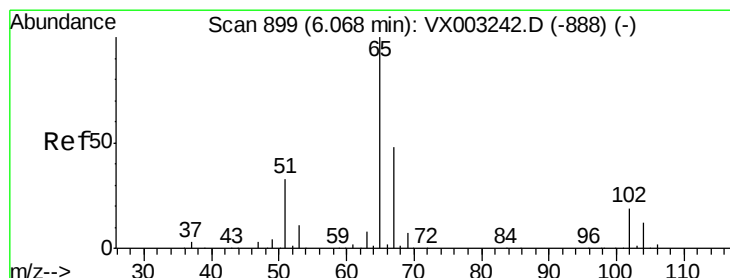
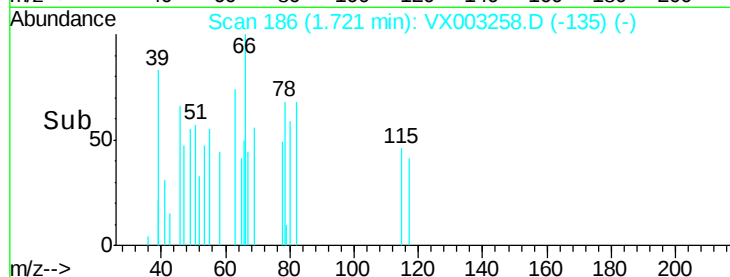
400

200

0

1.70 1.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.45 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003258.D

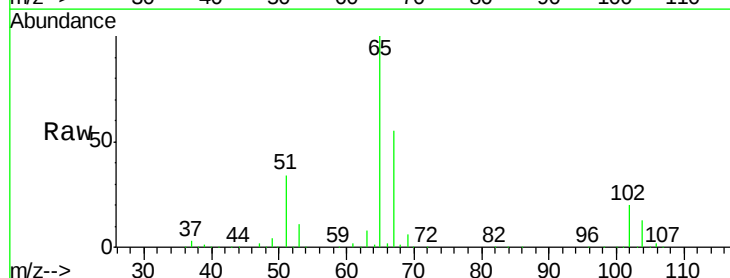
Acq: 09 Jul 2018 21:50

Tgt Ion: 65 Resp: 199989

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

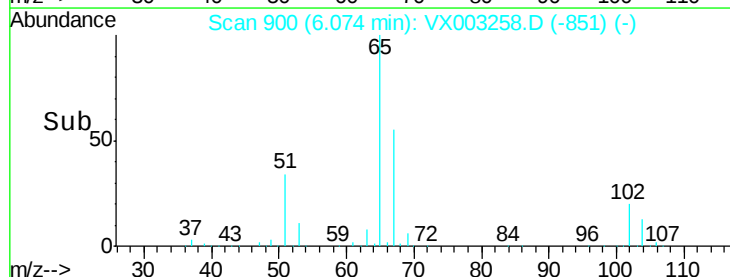
40000

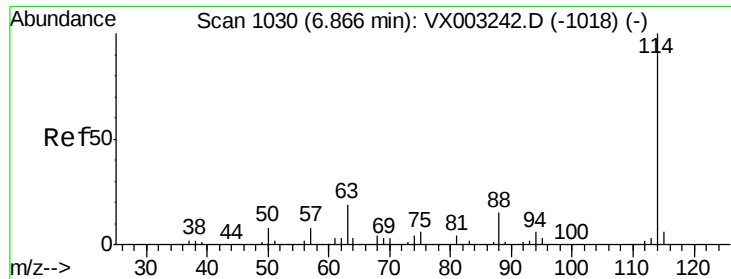
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003258.D

Acq: 09 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2018

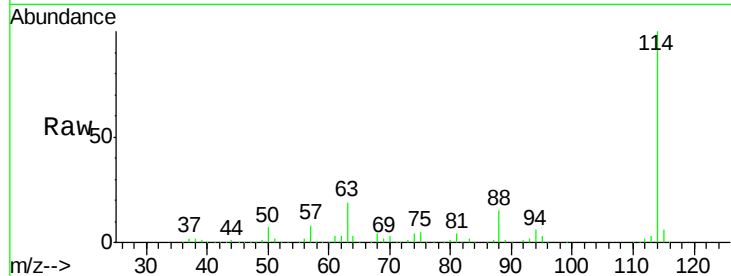
Tot Ion:114 Resp: 321547

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

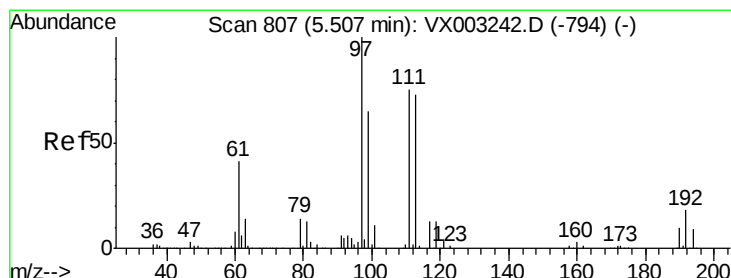
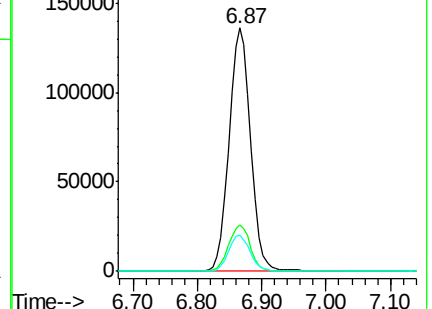
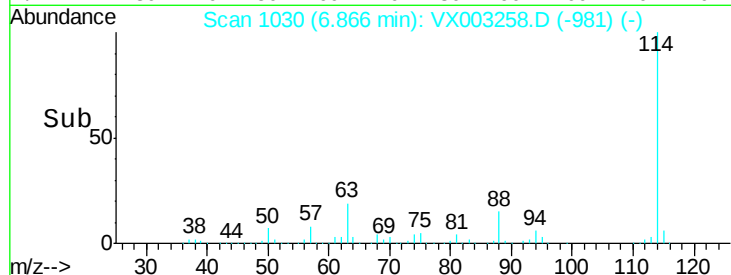
88 14.8 0.0 30.0



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: 47.74 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003258.D

Acq: 09 Jul 2018 21:50

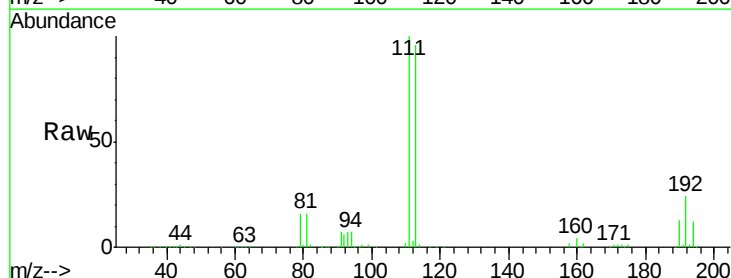
Tgt Ion:113 Resp: 164918

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

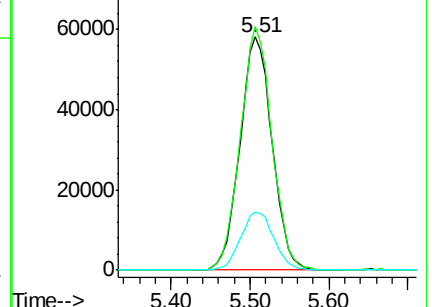
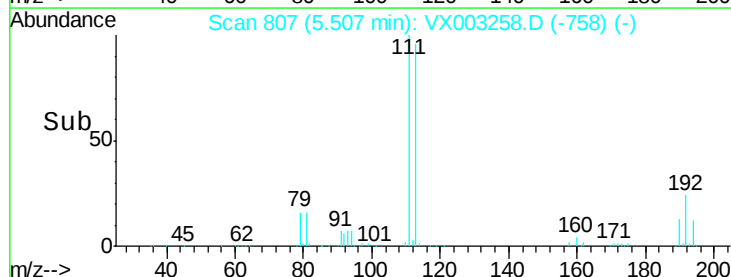
192 25.5 19.1 28.7

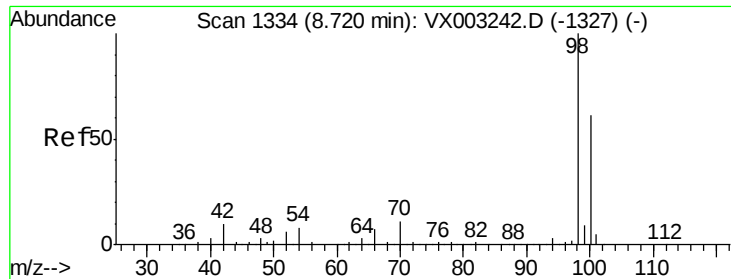


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003258.D

Acq: 09 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

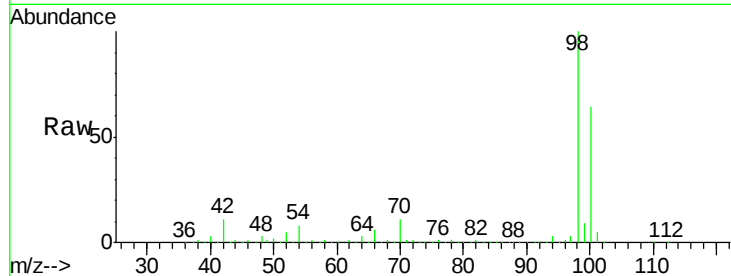
MDL-WATER-03-QT3-2018

Tot Ion: 98 Resp: 593664

Ion Ratio Lower Upper

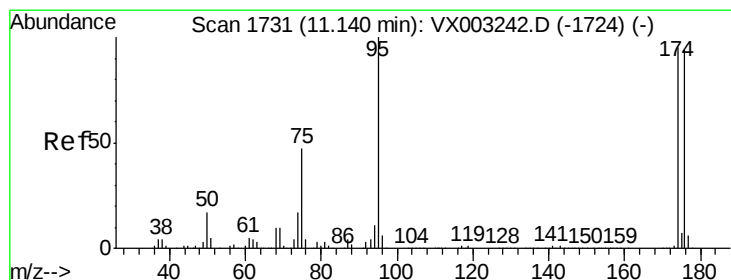
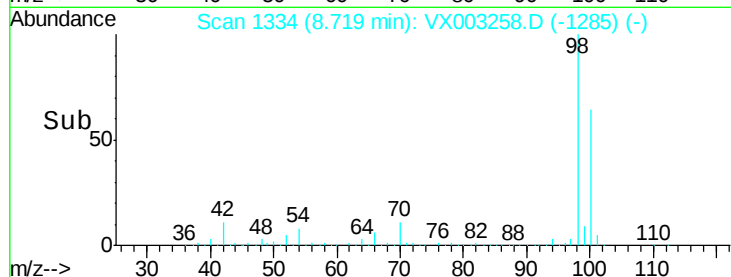
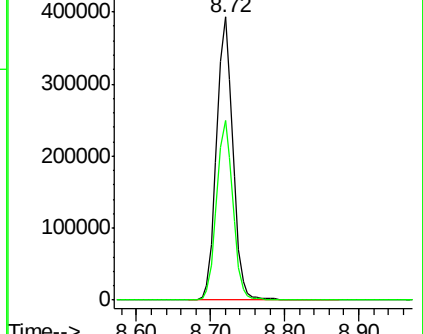
98 100

100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003258.D

Acq: 09 Jul 2018 21:50

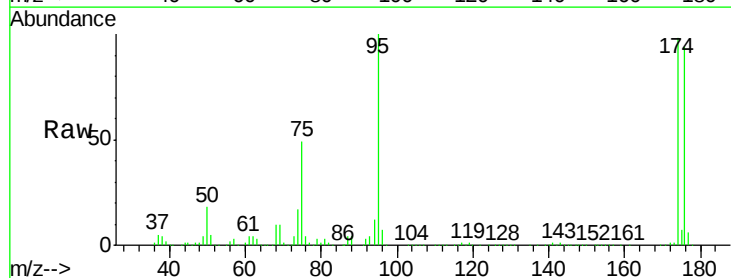
Tgt Ion: 95 Resp: 204643

Ion Ratio Lower Upper

95 100

174 101.2 0.0 187.4

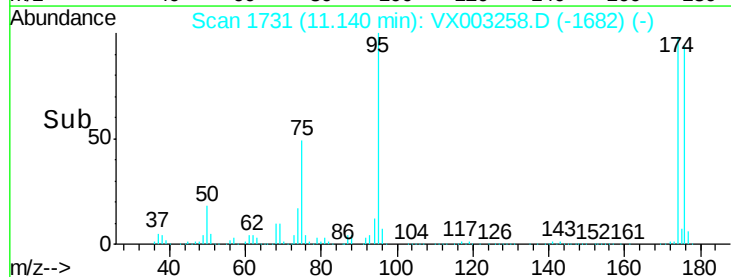
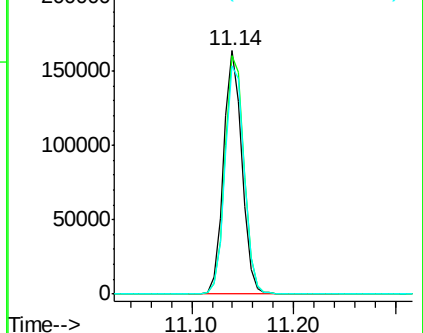
176 97.7 0.0 181.0

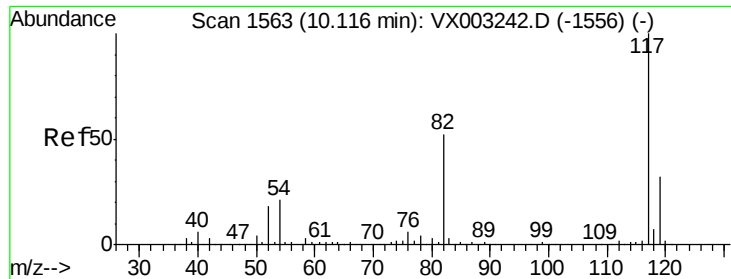


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

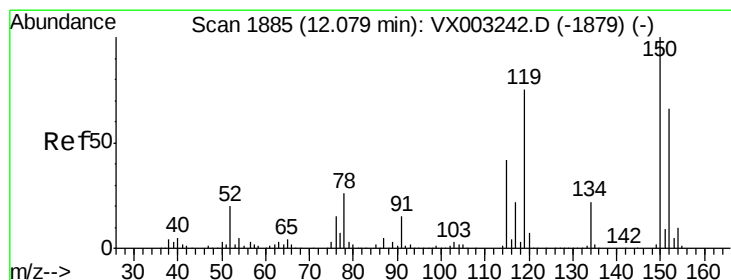
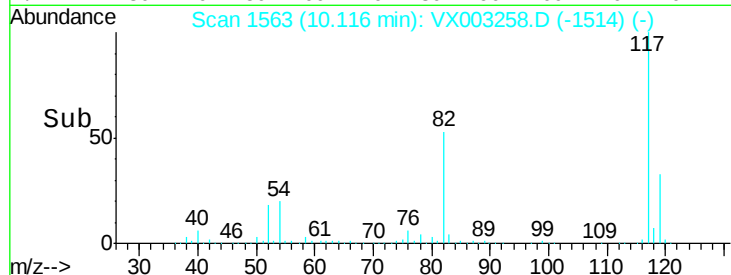
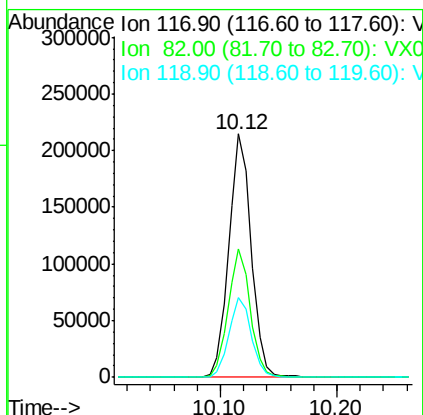
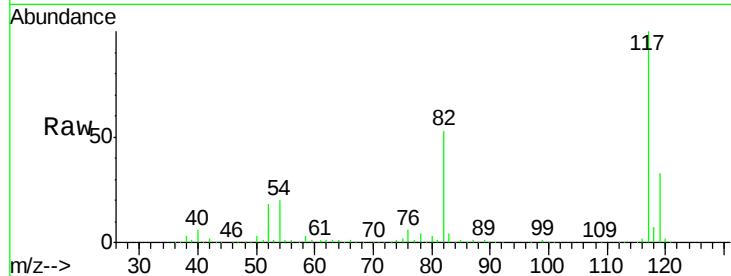




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003258.D
Acq: 09 Jul 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion:117 Resp: 287330
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003258.D
Acq: 09 Jul 2018 21:50

Tgt Ion:152 Resp: 186002
Ion Ratio Lower Upper
152 100
115 53.4 40.1 120.2
150 156.2 0.0 347.2

