

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002897.D
 Acq On : 26 Jun 2018 15:16
 Operator : JC/MD
 Sample : J3685-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180619

Quant Time: Jun 27 12:55:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	172407	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	137078	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	8.72	98	501094	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	173801	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	

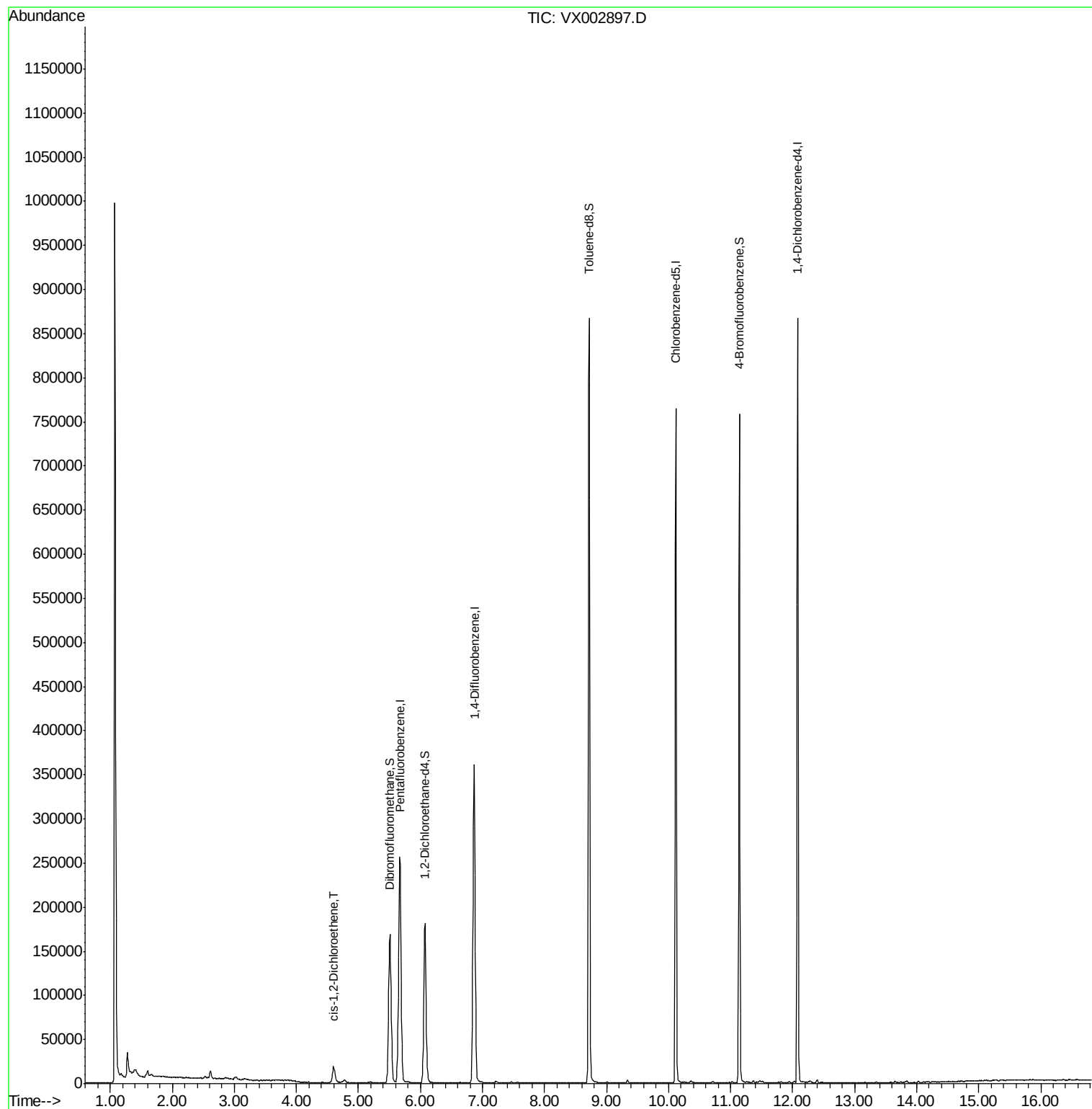
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	9993	3.26	ug/l	84

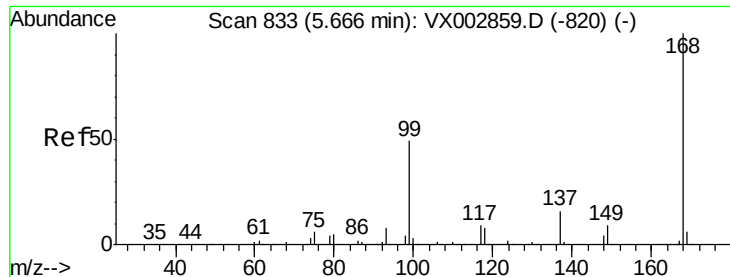
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002897.D

Acq: 26 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

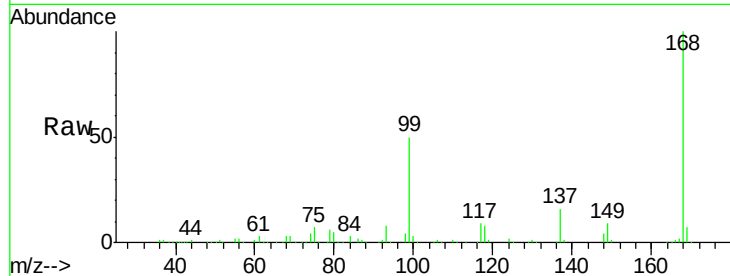
OUTFALL001-180619

Tot Ion:168 Resp: 254436

Ion Ratio Lower Upper

168 100

99 50.0 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

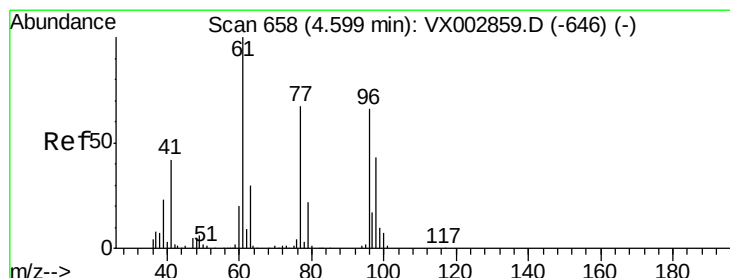
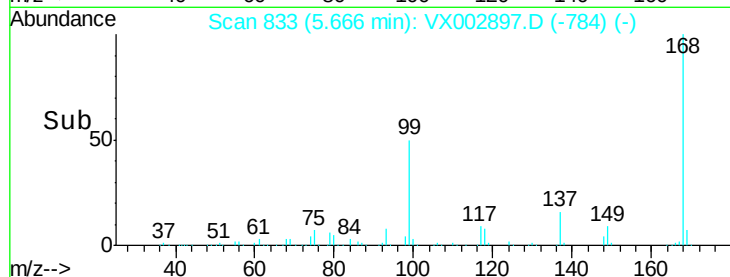
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 3.26 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002897.D

Acq: 26 Jun 2018 15:16

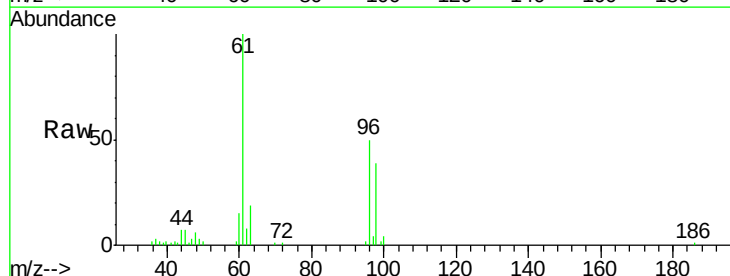
Tgt Ion: 96 Resp: 9993

Ion Ratio Lower Upper

96 100

61 193.3 0.0 330.2

98 66.6 0.0 130.2



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

8000

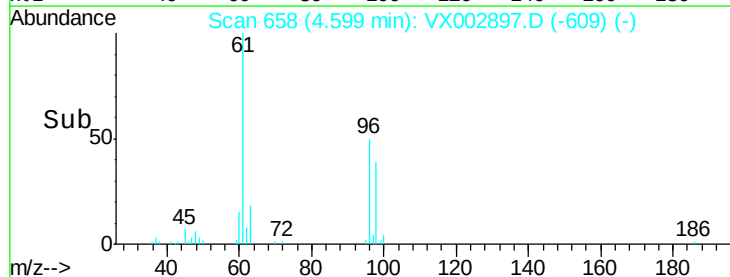
6000

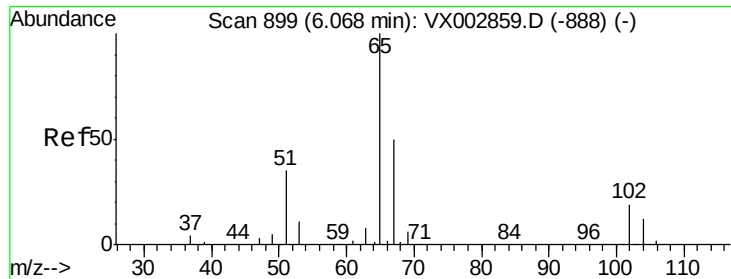
4000

2000

0

Time--> 4.50 4.55 4.60 4.65 4.70

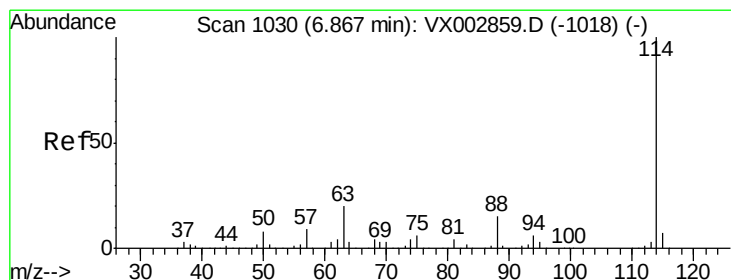
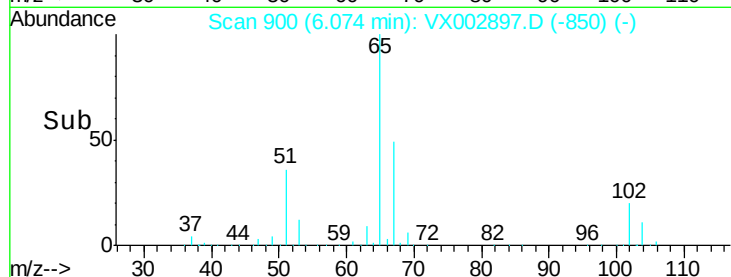
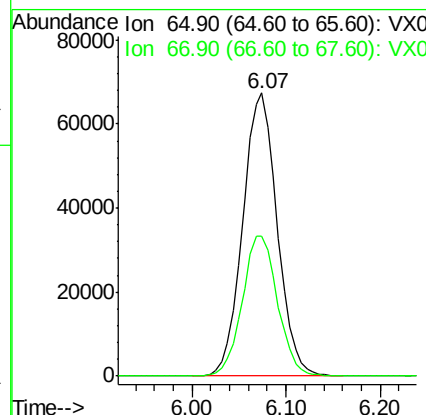
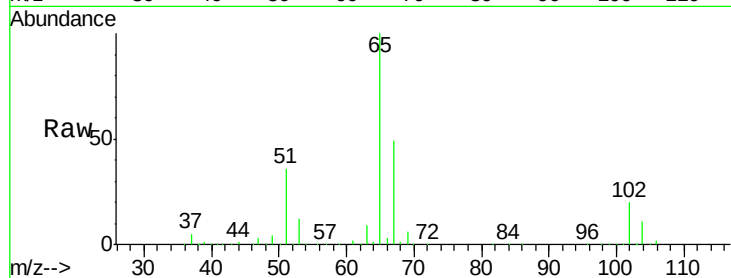




#33
 1,2-Dichloroethane-d4
 Concen: 49.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002897.D
 Acq: 26 Jun 2018 15:16

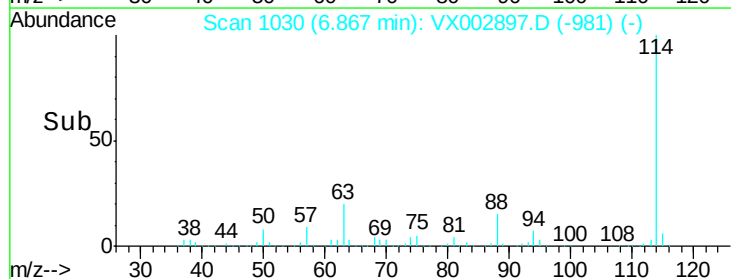
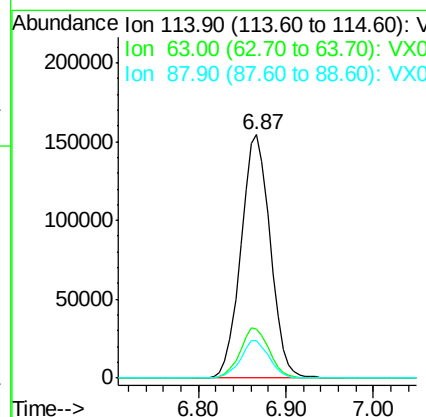
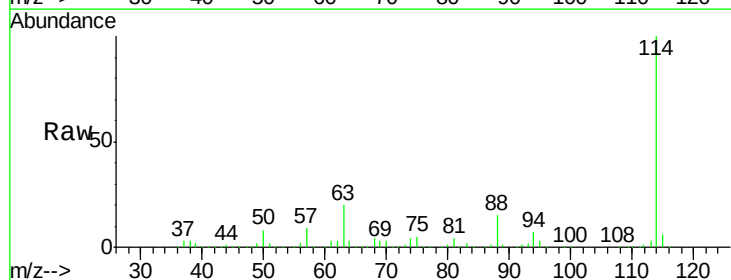
Instrument :
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 ClientSampleId :
 OUTFALL001-180619

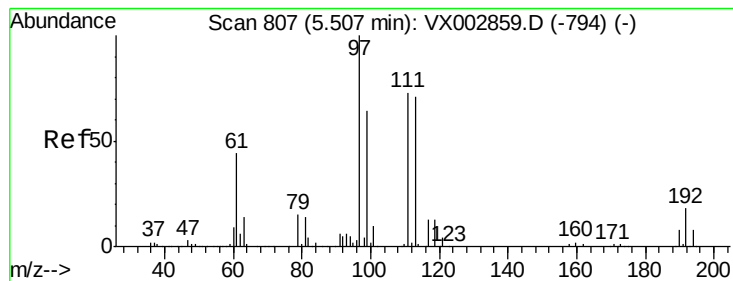
Tot Ion: 65 Resp: 172407
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002897.D
 Acq: 26 Jun 2018 15:16

Tgt Ion: 114 Resp: 359127
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.20 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002897.D

Acq: 26 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180619

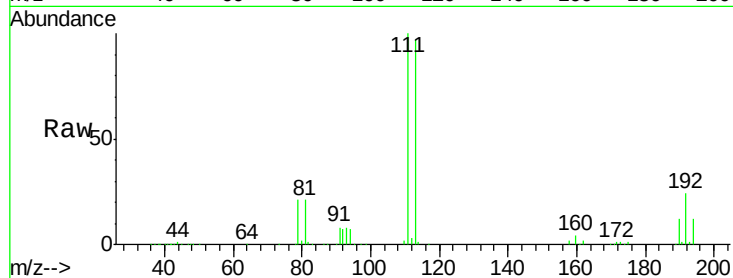
Tot Ion:113 Resp: 137078

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

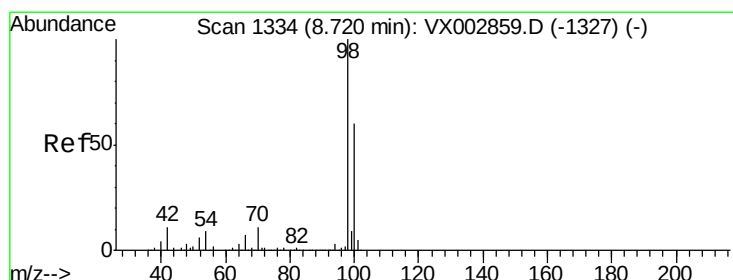
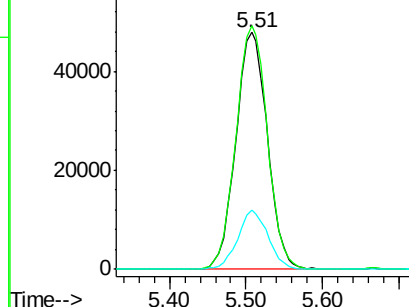
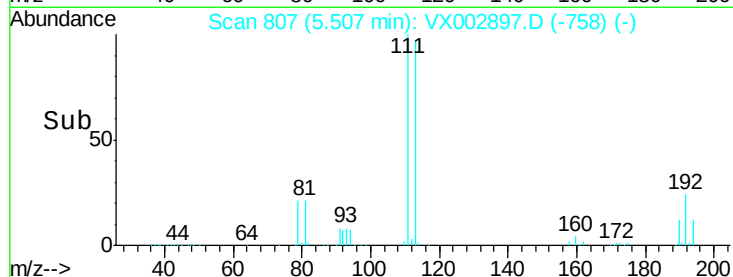
192 24.2 19.1 28.7



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: 48.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002897.D

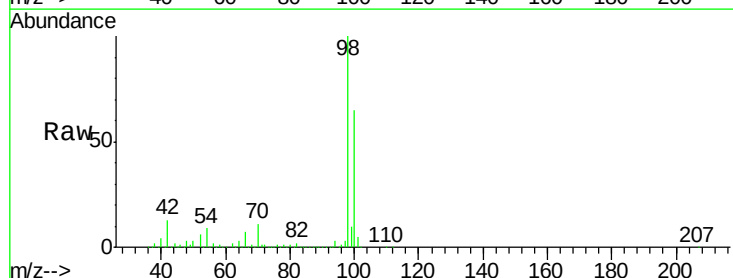
Acq: 26 Jun 2018 15:16

Tgt Ion: 98 Resp: 501094

Ion Ratio Lower Upper

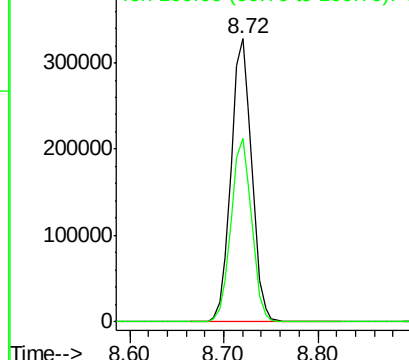
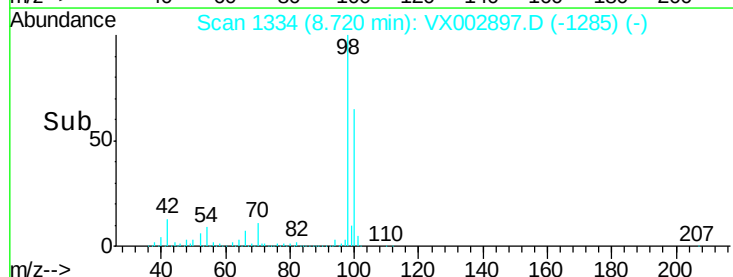
98 100

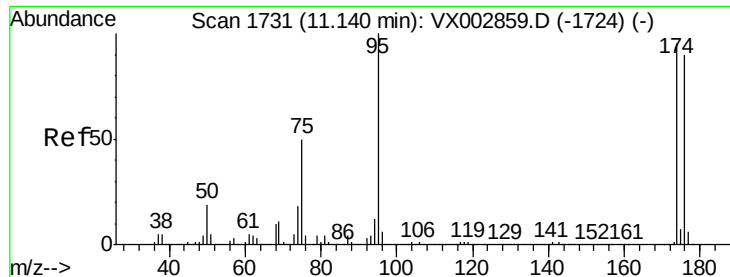
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

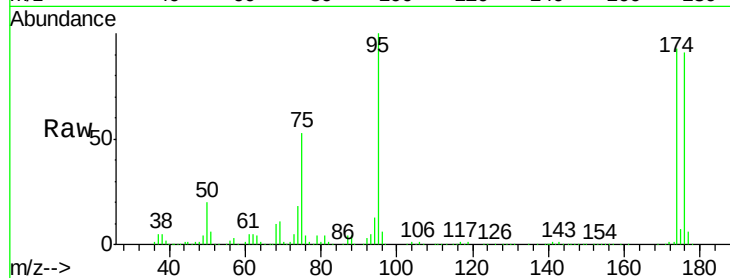




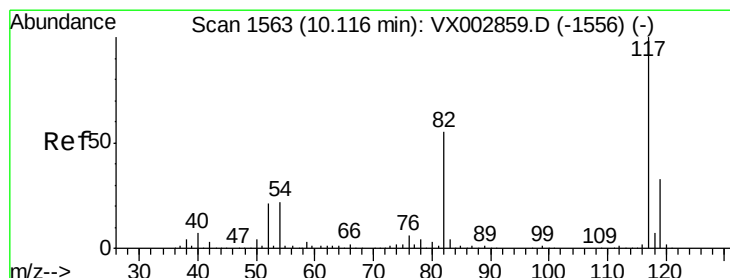
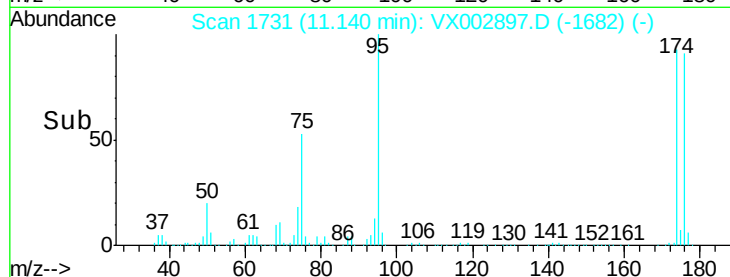
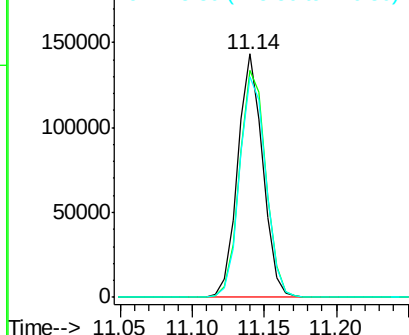
#62
4-Bromofluorobenzene
Concen: 43.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002897.D
Acq: 26 Jun 2018 15:16

Instrument :
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OUTFALL001-180619

Tot Ion: 95 Resp: 173801
Ion Ratio Lower Upper
95 100
174 97.5 0.0 187.4
176 94.5 0.0 181.0

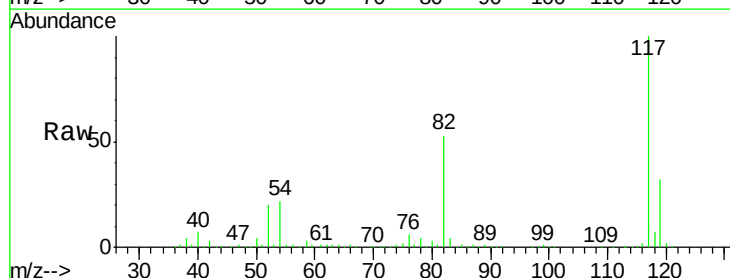


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

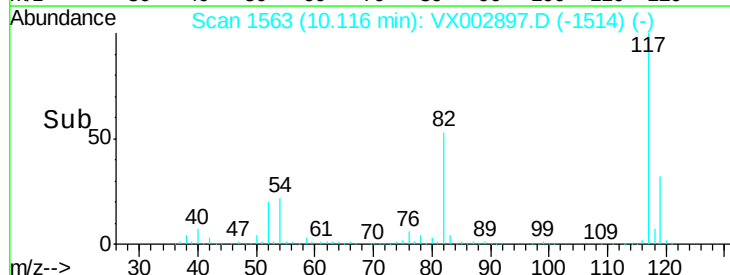
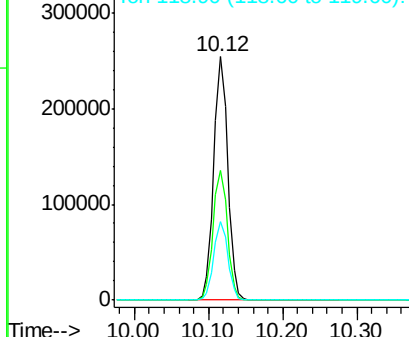


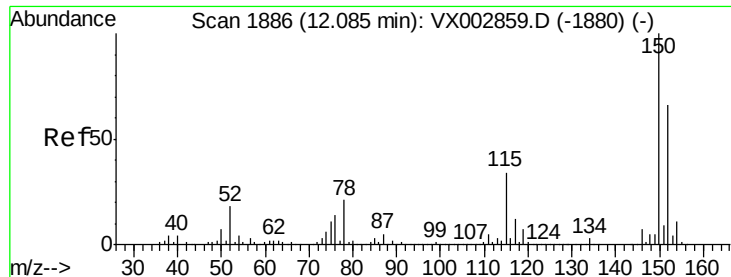
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002897.D
Acq: 26 Jun 2018 15:16

Tgt Ion: 117 Resp: 328957
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.3 25.8 38.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002897.D

Acq: 26 Jun 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180619

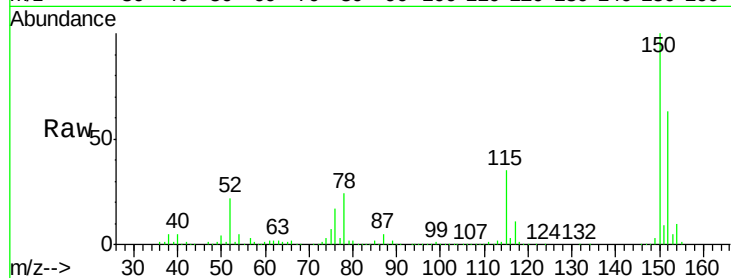
Tot Ion:152 Resp: 183741

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 157.1 0.0 347.2



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

