

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010647.D
 Acq On : 03 Jul 2019 17:58
 Operator : JC/SP
 Sample : K3667-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190702

Quant Time: Jul 04 04:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

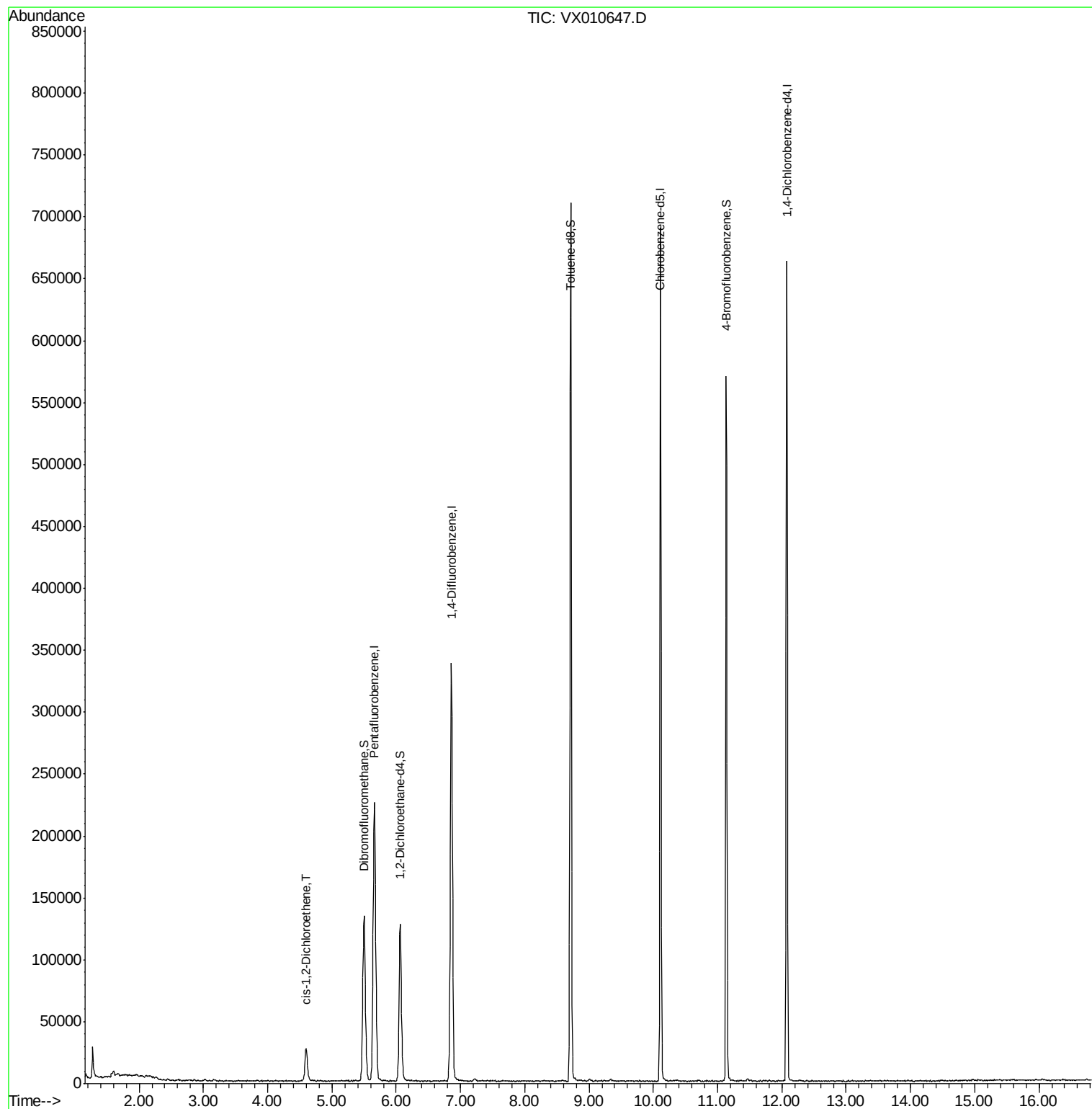
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116157	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	5.50	113	110054	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	8.71	98	424532	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	142089	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	18732	7.496	ug/l	Qvalue 92

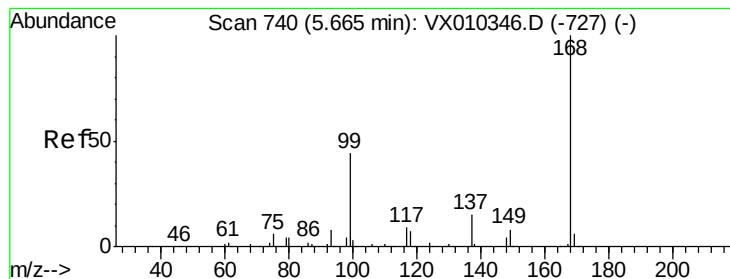
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010647.D

Acq: 03 Jul 2019 17:58

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MSVOA_X

ClientSampleId :

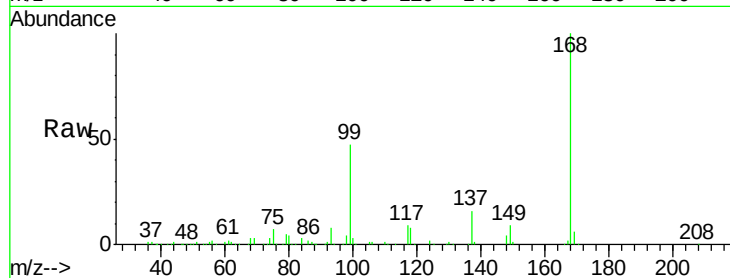
OUTFALL001-190702

Tot Ion:168 Resp: 231973

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

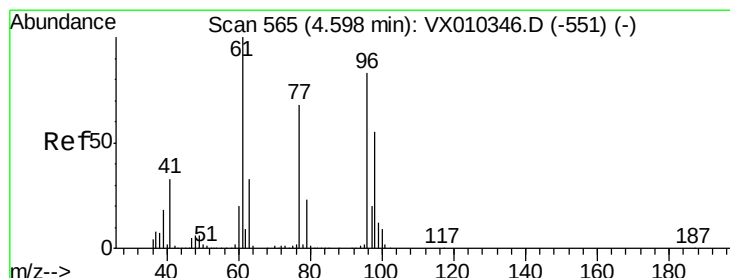
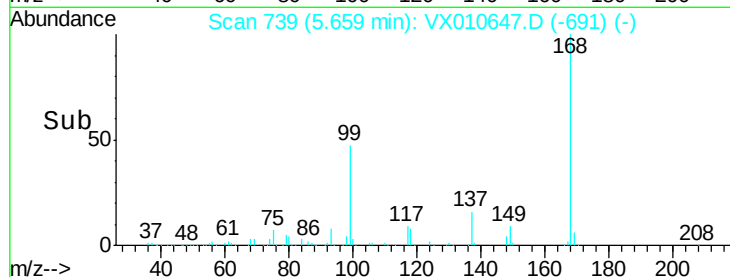
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 7.496 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010647.D

Acq: 03 Jul 2019 17:58

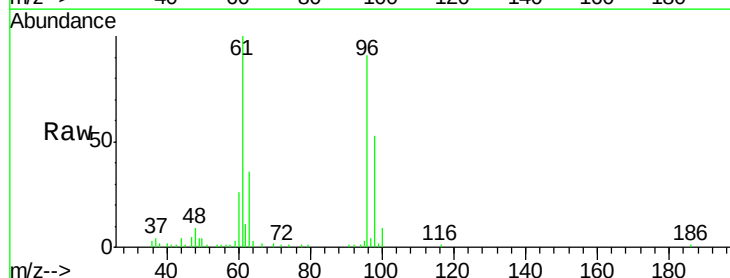
Tgt Ion: 96 Resp: 18732

Ion Ratio Lower Upper

96 100

61 112.0 0.0 251.8

98 65.0 0.0 129.4



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

4.60

10000

8000

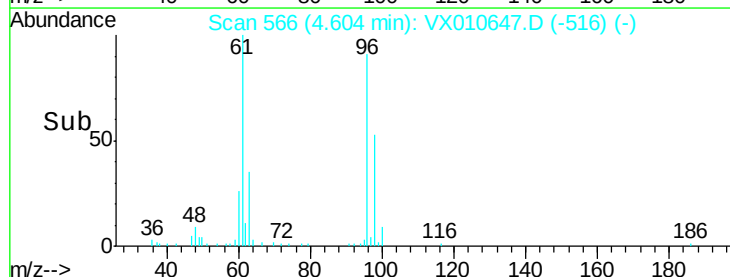
6000

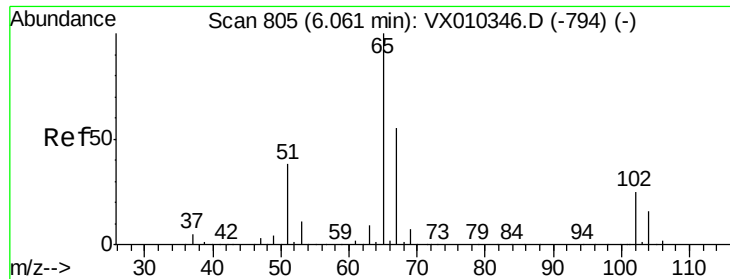
4000

2000

0

Time--> 4.50 4.55 4.60 4.65 4.70

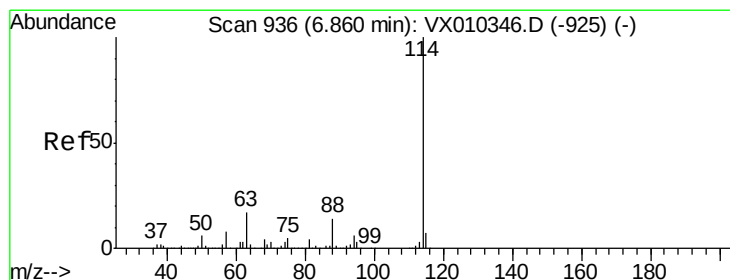
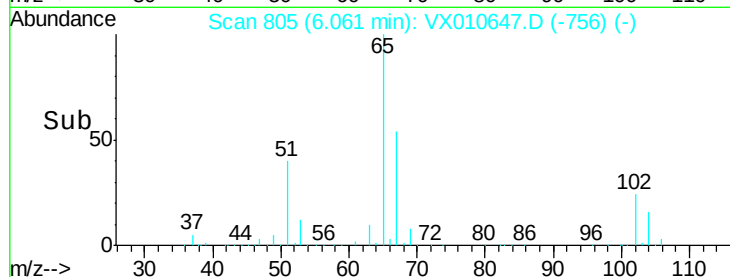
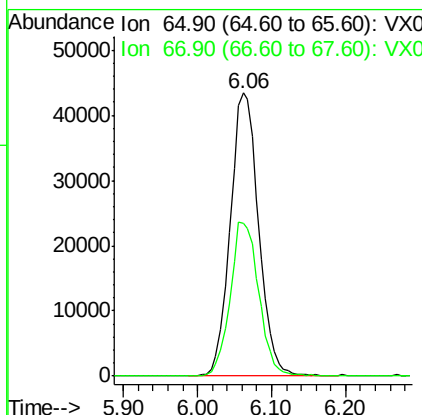
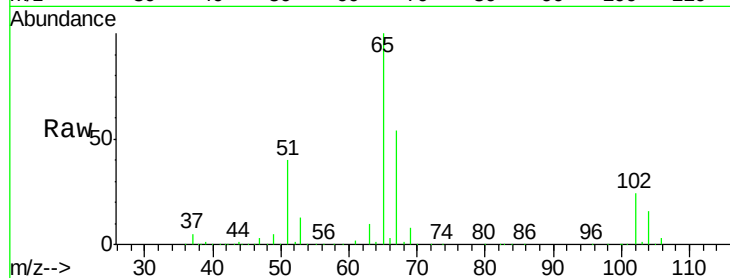




#33
 1,2-Dichloroethane-d4
 Concen: 53.406 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010647.D
 Acq: 03 Jul 2019 17:58

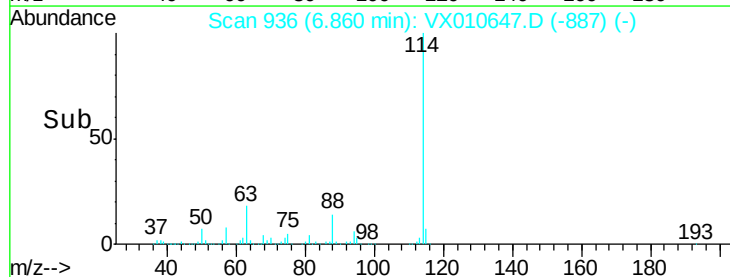
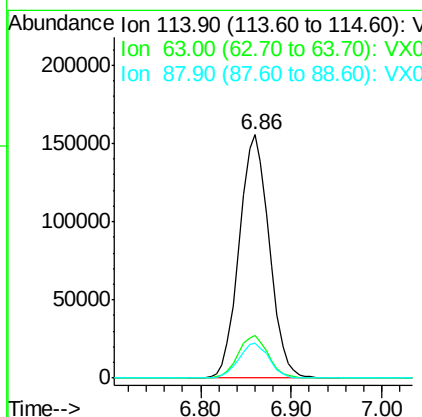
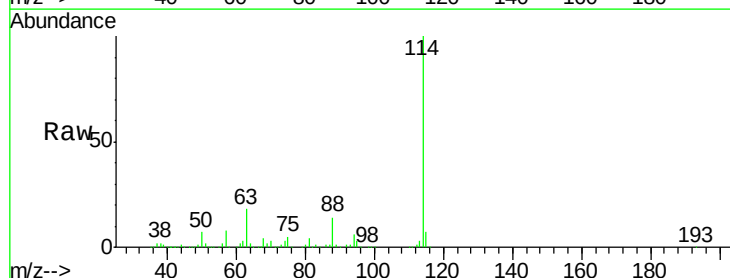
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190702

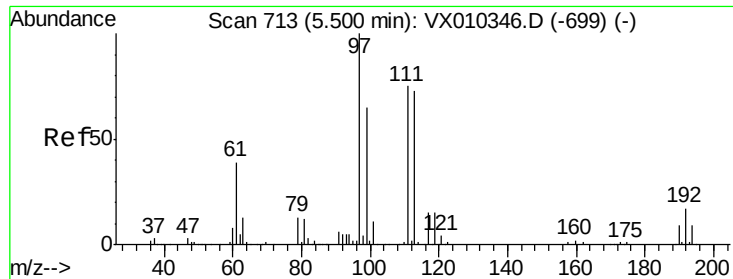
Tot Ion: 65 Resp: 116157
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010647.D
 Acq: 03 Jul 2019 17:58

Tgt Ion: 114 Resp: 358337
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.197 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010647.D

Acq: 03 Jul 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190702

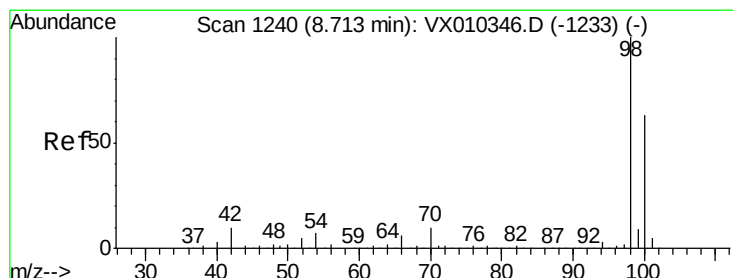
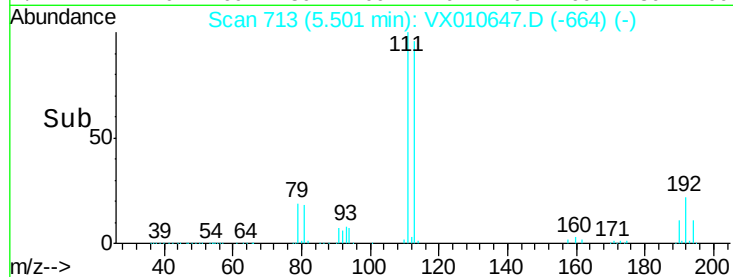
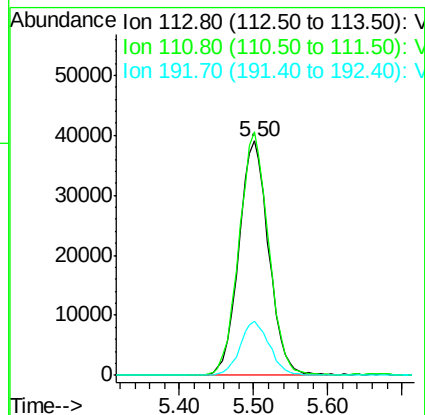
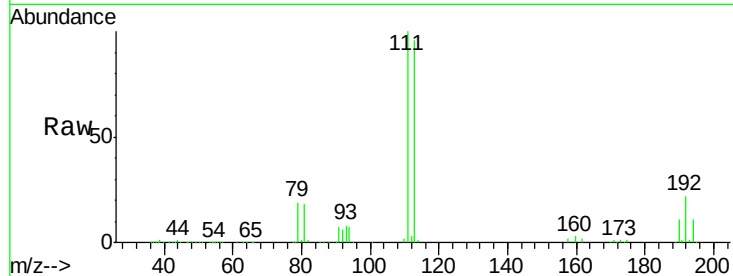
Tot Ion:113 Resp: 110054

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 22.8 18.6 27.8



#50

Toluene-d8

Concen: 50.613 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010647.D

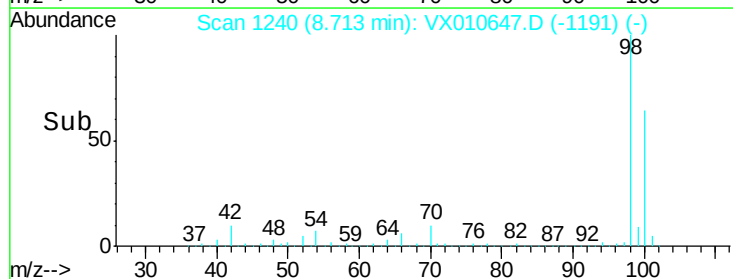
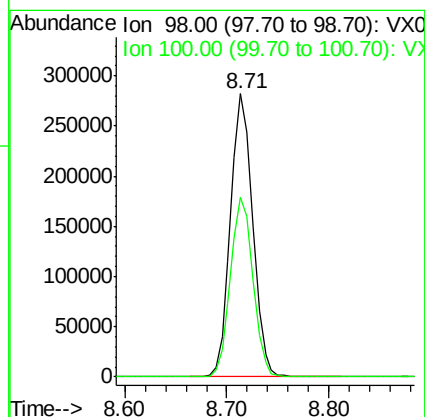
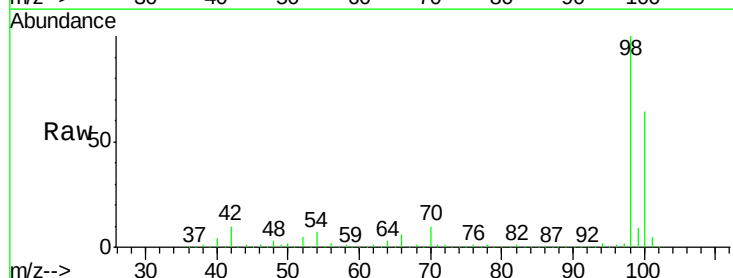
Acq: 03 Jul 2019 17:58

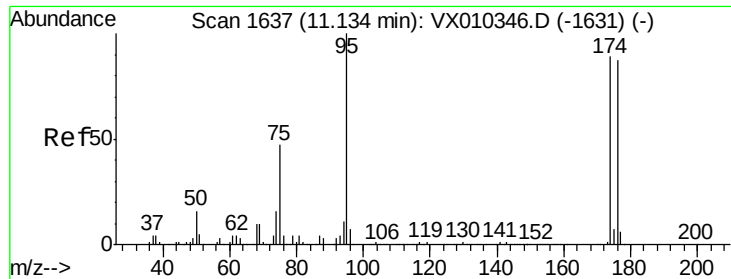
Tgt Ion: 98 Resp: 424532

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

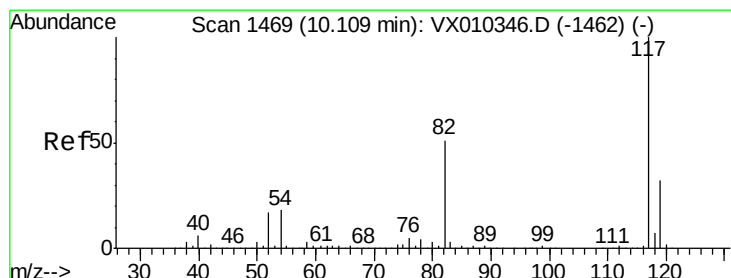
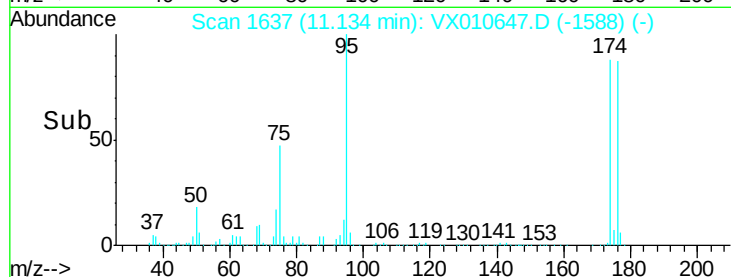
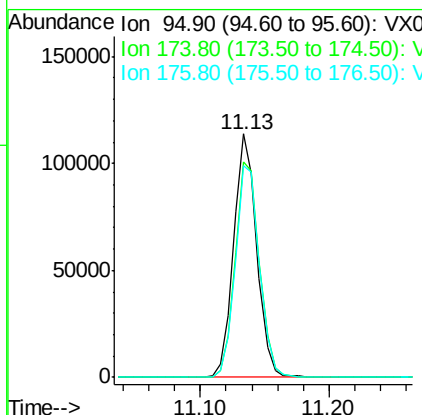
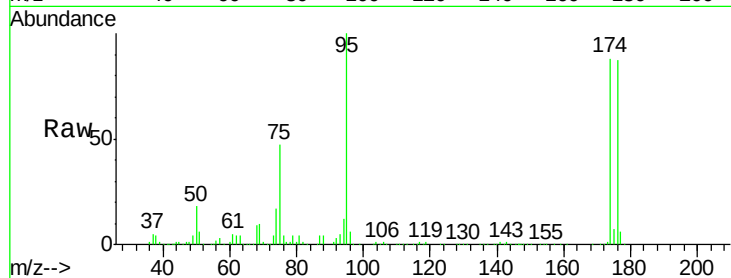




#62
4-Bromofluorobenzene
Concen: 46.921 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010647.D
Acq: 03 Jul 2019 17:58

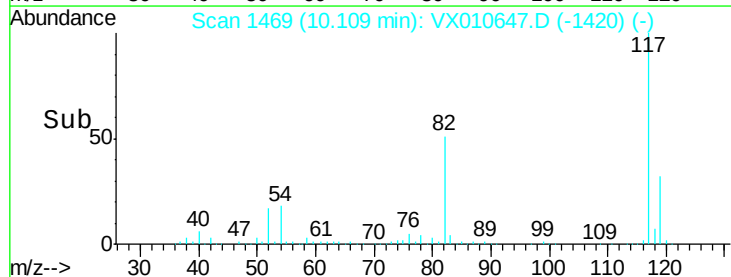
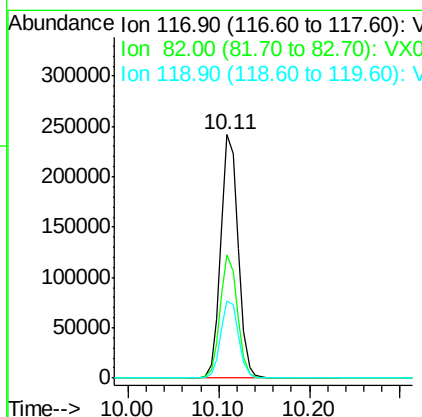
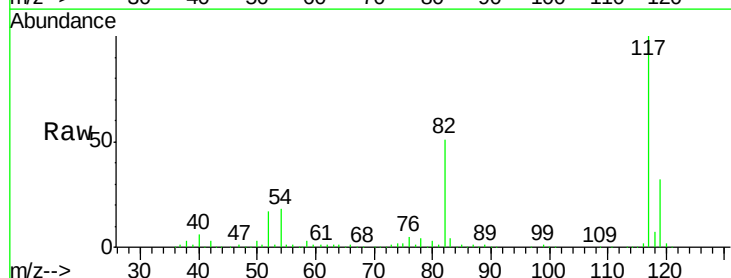
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-190702

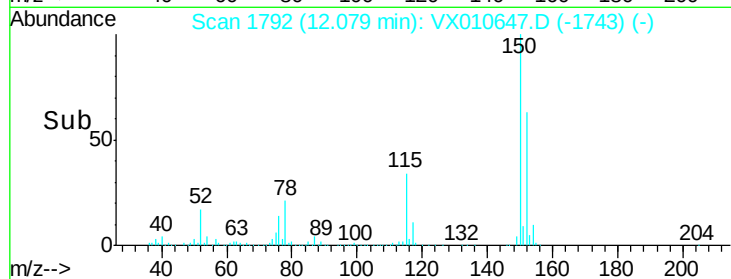
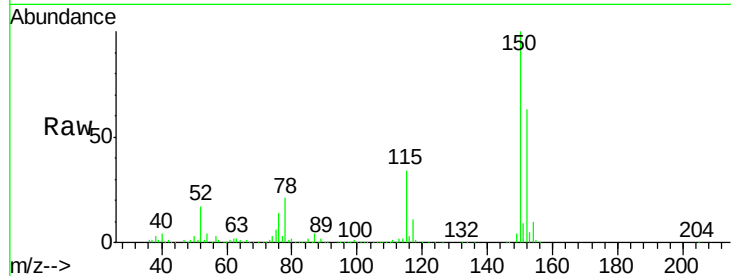
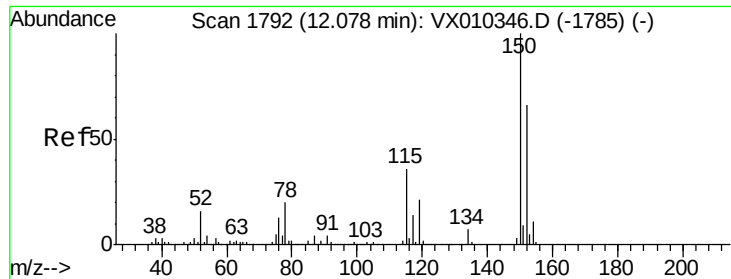
Tot Ion	95	Resp	142089
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	187.6
176	90.8	0.0	184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010647.D
Acq: 03 Jul 2019 17:58

Tgt Ion	117	Resp	324163
Ion Ratio	Lower	Upper	
117	100		
82	50.6	41.2	61.8
119	31.7	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010647.D

Acq: 03 Jul 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190702

Tot Ion:152 Resp: 146558

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

150 156.2 0.0 347.4

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

