

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006898.D
 Acq On : 03 Jan 2019 16:45
 Operator : JC/MD
 Sample : K1031-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190102

Quant Time: Jan 04 10:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

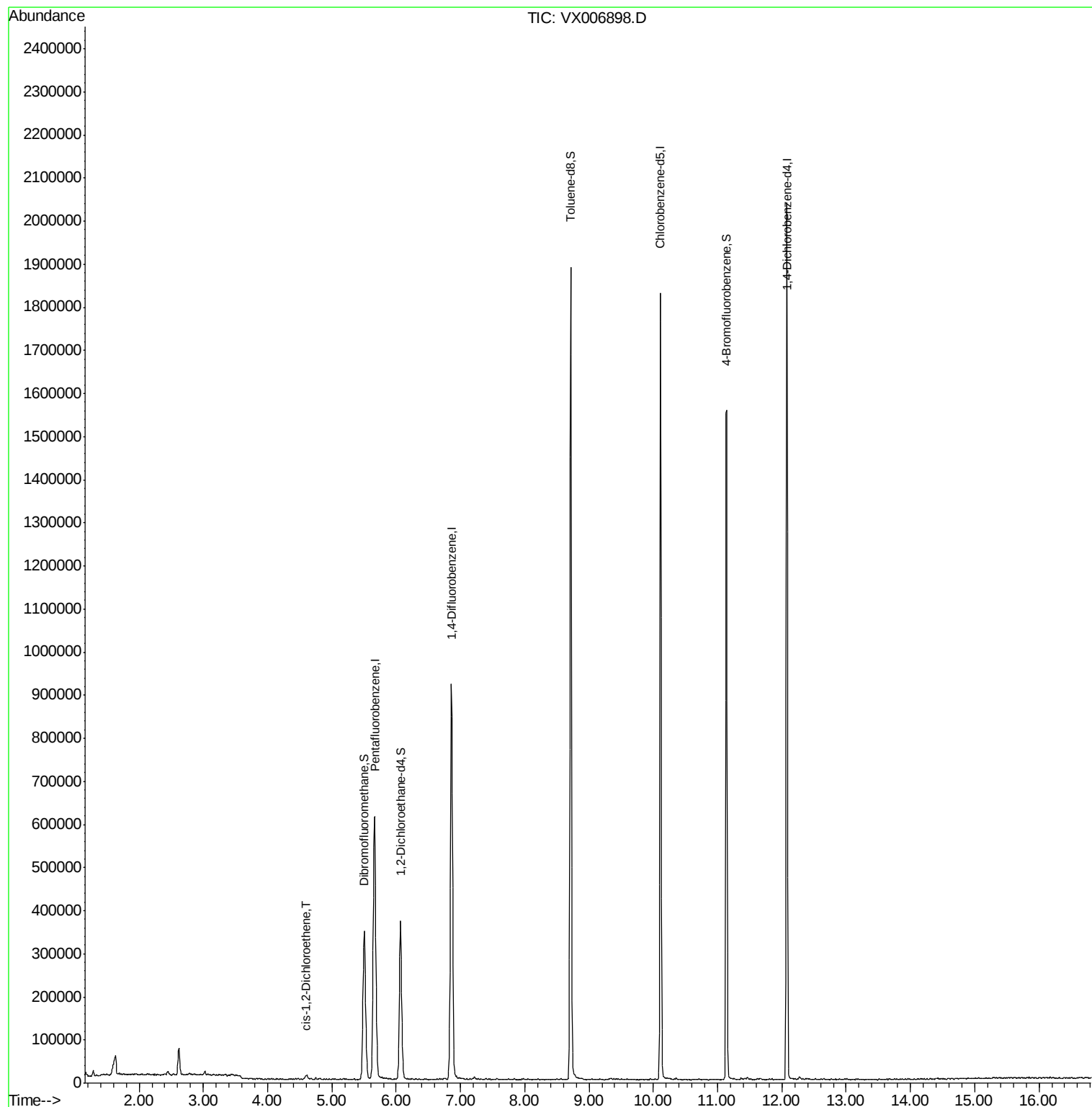
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	641217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	980266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	899354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438617	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	334723	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	292437	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1156758	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	408351	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6483	0.926	ug/l	Qvalue 92

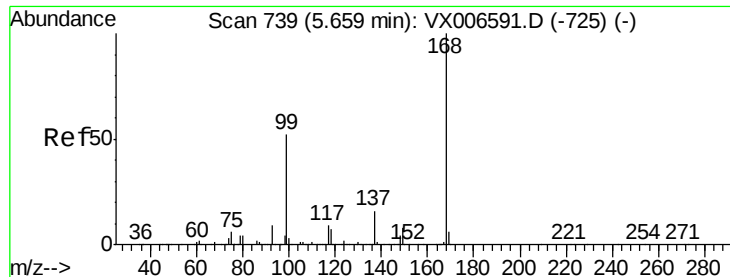
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

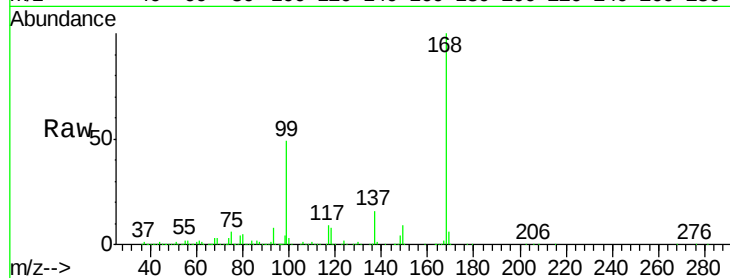
OUTFALL001-190102

Tot Ion:168 Resp: 641217

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

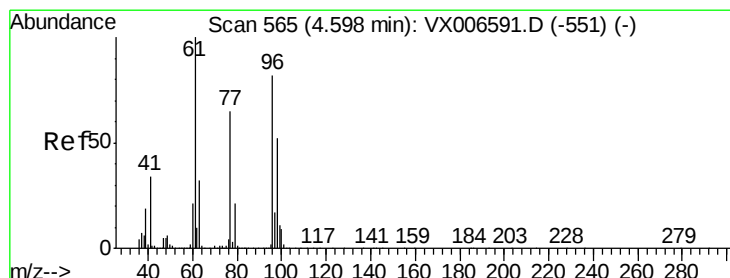
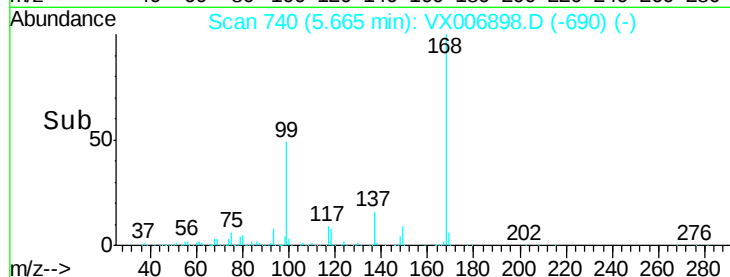
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.926 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

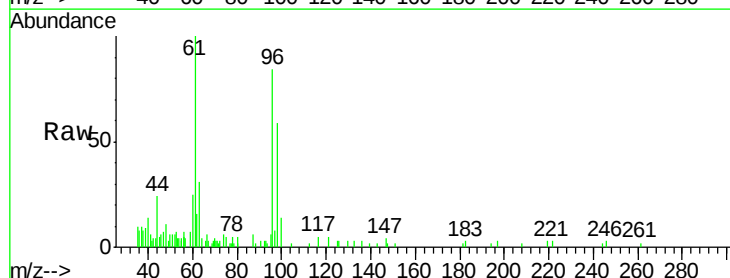
Tgt Ion: 96 Resp: 6483

Ion Ratio Lower Upper

96 100

61 136.3 0.0 258.6

98 74.6 0.0 132.0



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

4.60

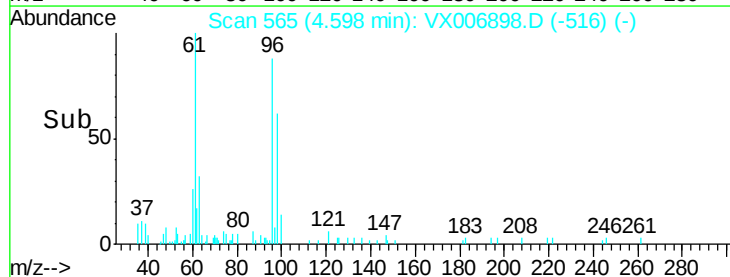
3000

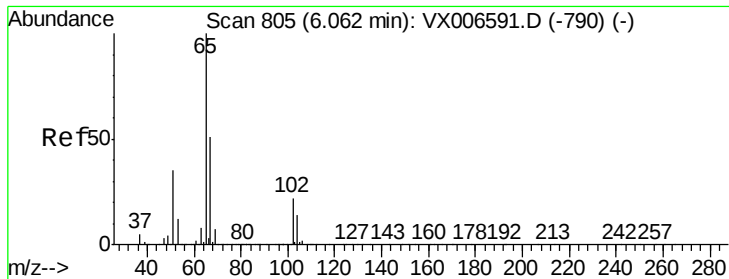
2000

1000

0

Time--> 4.50 4.55 4.60 4.65 4.70





#33

1,2-Dichloroethane-d4

Concen: 48.435 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

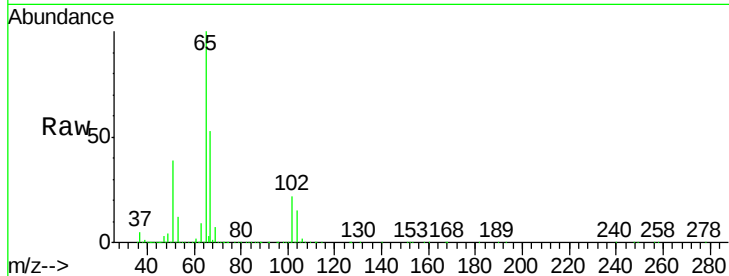
OUTFALL001-190102

Tot Ion: 65 Resp: 334723

Ion Ratio Lower Upper

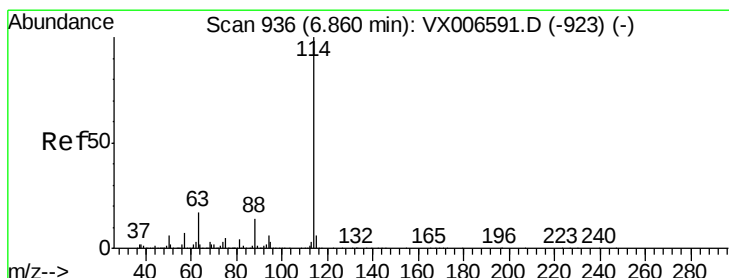
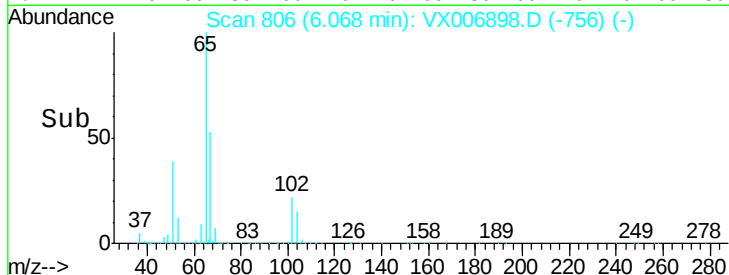
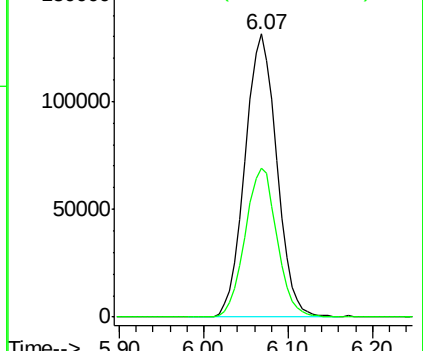
65 100

67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

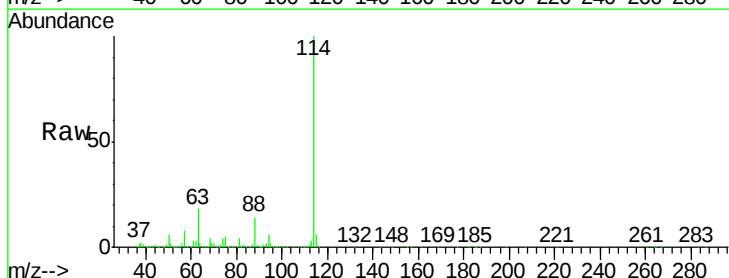
Tgt Ion: 114 Resp: 980266

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

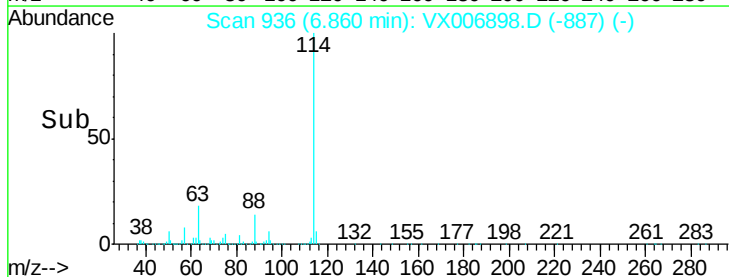
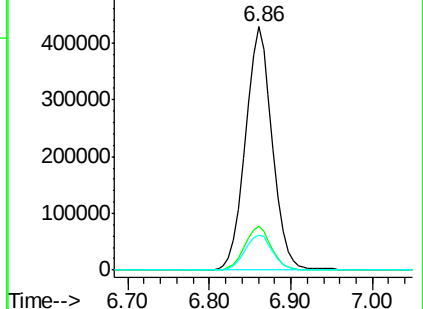
88 14.3 0.0 28.8

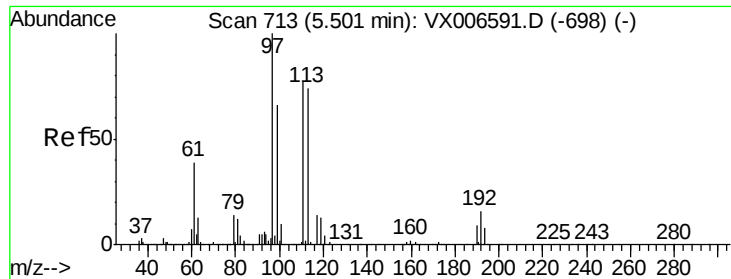


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.175 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190102

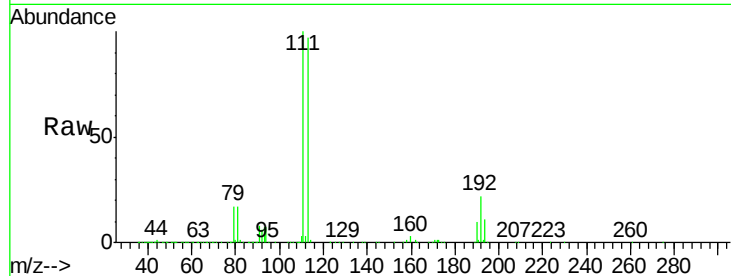
Tot Ion:113 Resp: 292437

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

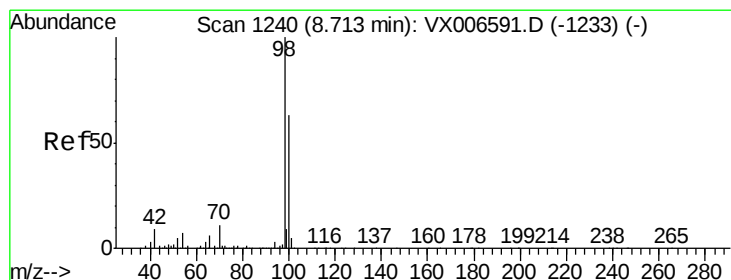
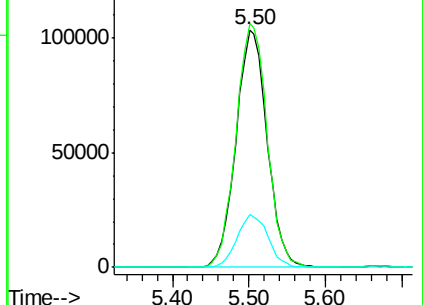
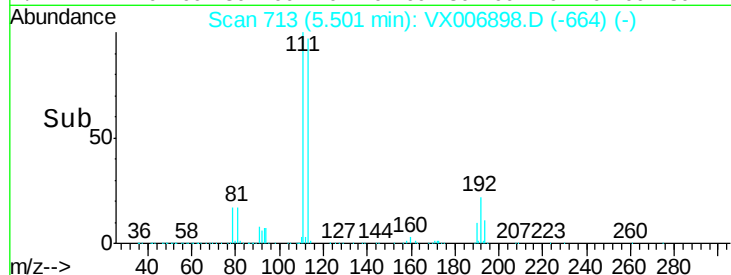
192 22.4 16.7 25.1



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: 49.496 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006898.D

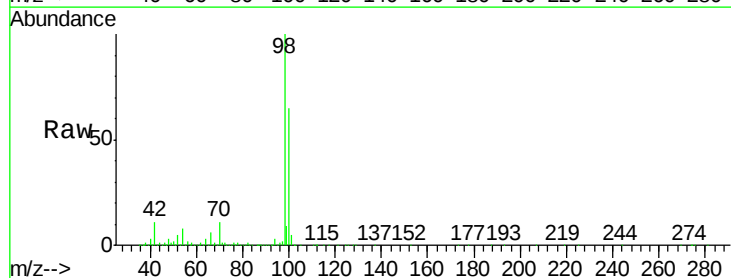
Acq: 03 Jan 2019 16:45

Tgt Ion: 98 Resp: 1156758

Ion Ratio Lower Upper

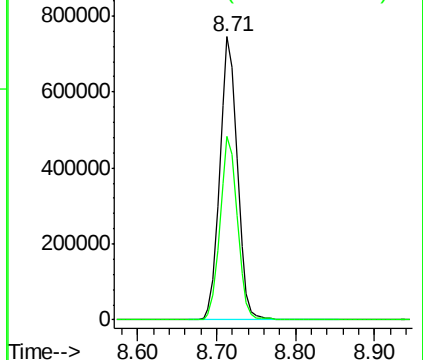
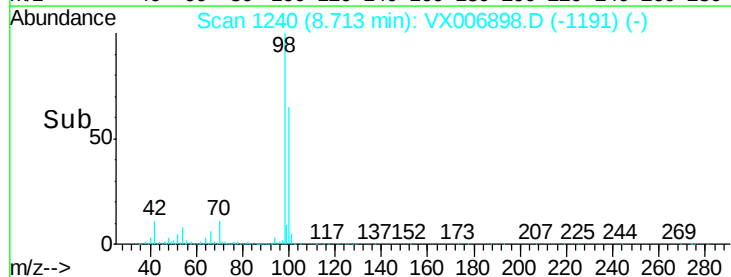
98 100

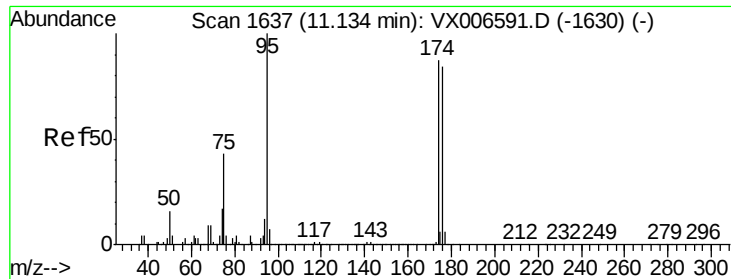
100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

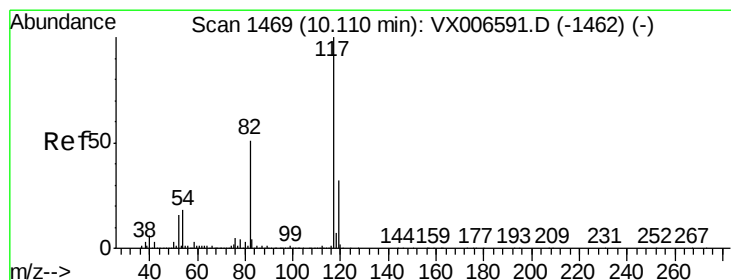
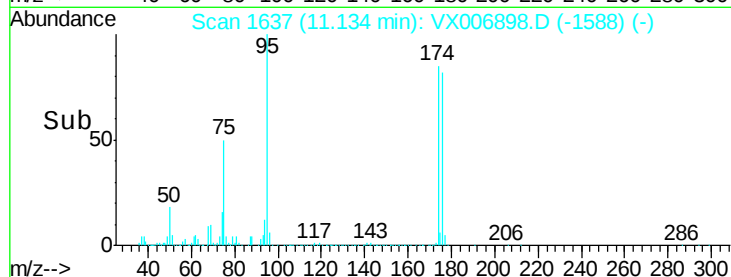
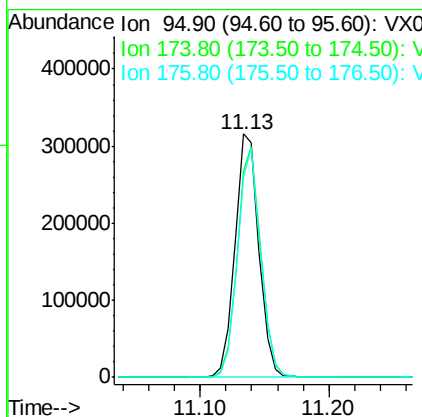
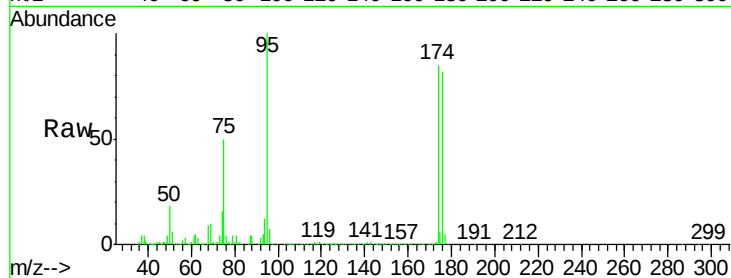




#62
4-Bromofluorobenzene
Concen: 47.709 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006898.D
Acq: 03 Jan 2019 16:45

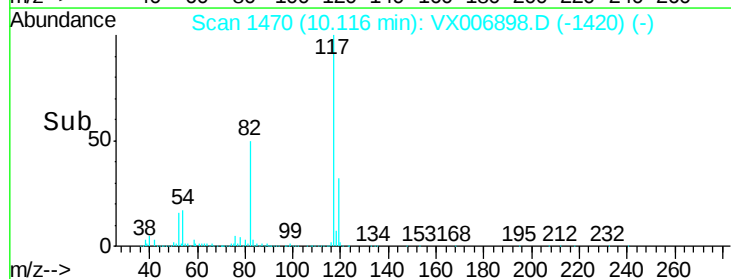
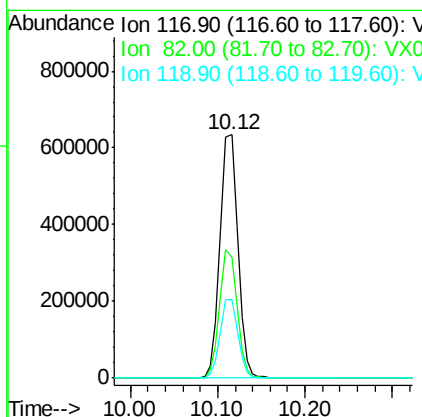
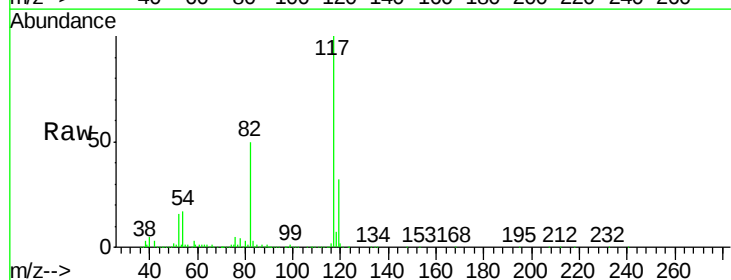
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-190102

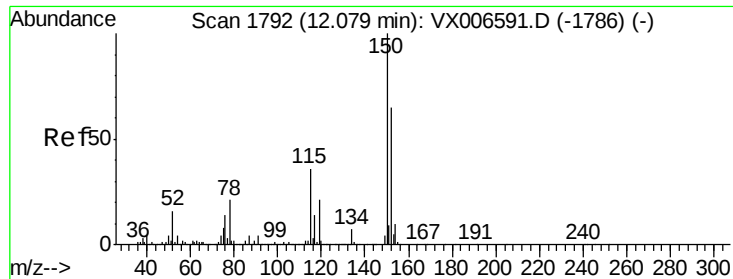
Tot Ion: 95 Resp: 408351
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.2
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006898.D
Acq: 03 Jan 2019 16:45

Tgt Ion: 117 Resp: 899354
Ion Ratio Lower Upper
117 100
82 49.8 41.0 61.6
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006898.D

Acq: 03 Jan 2019 16:45

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190102

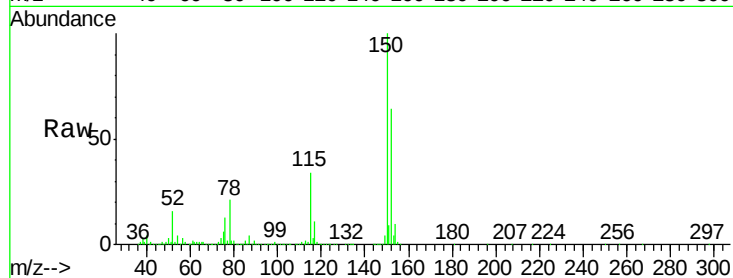
Tot Ion:152 Resp: 438617

Ion Ratio Lower Upper

152 100

115 55.5 39.1 117.2

150 156.3 0.0 344.8



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

