

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004203.D
 Acq On : 22 Aug 2018 17:17
 Operator : JC/MD
 Sample : J4605-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180821

Quant Time: Aug 23 09:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	449669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	412933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232862	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	204169	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	5.50	113	175645	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	8.71	98	636985	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	221489	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	

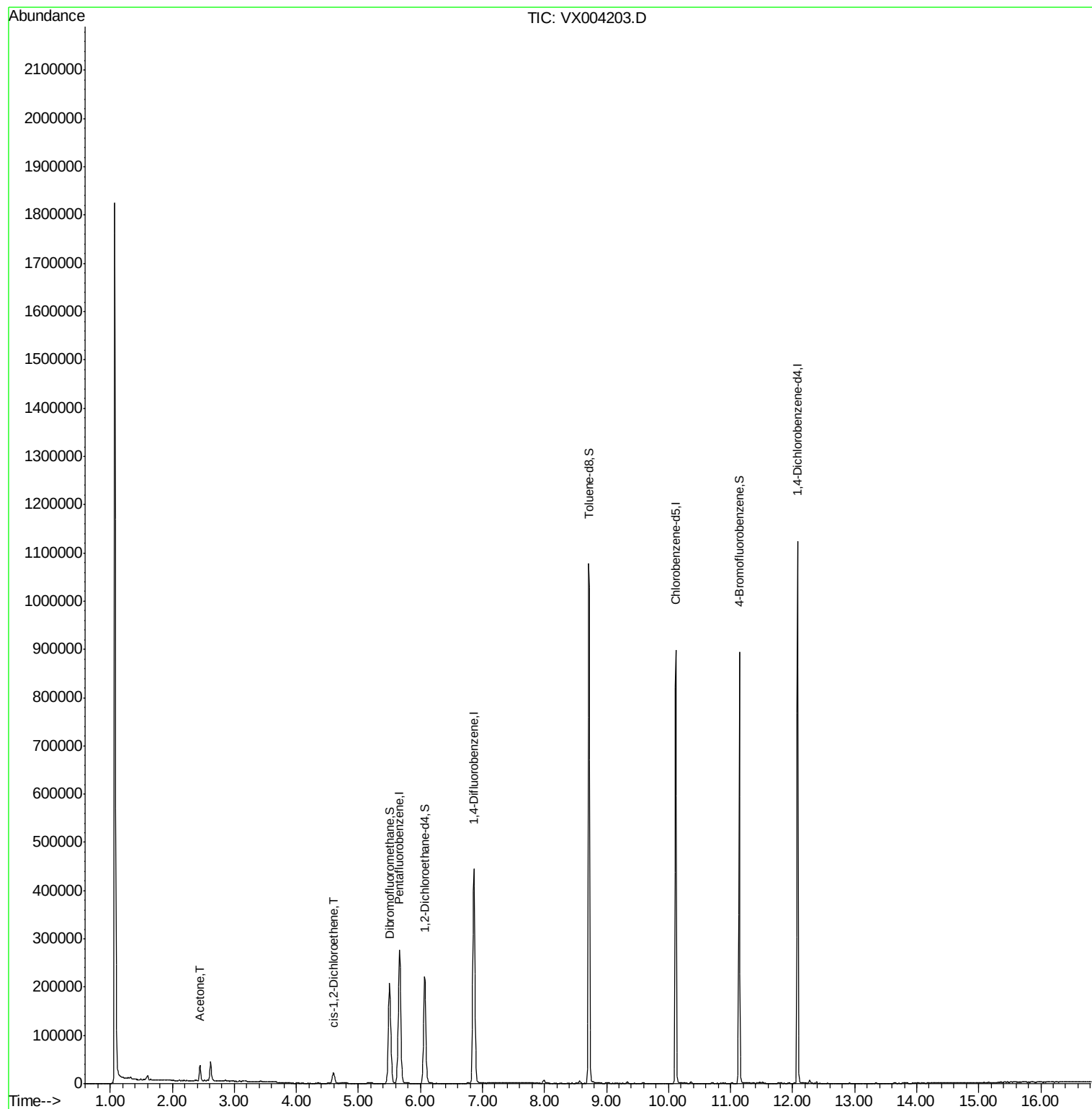
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	33820	14.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	14484	3.85	ug/l	93

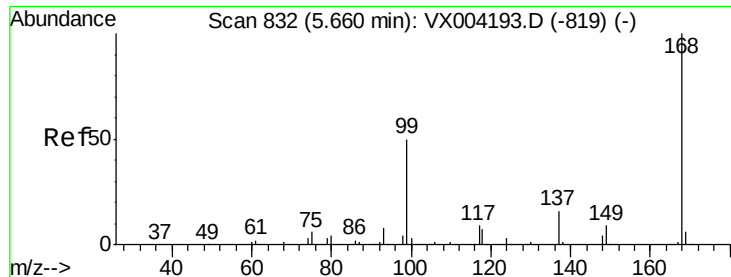
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004203.D

Acq: 22 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

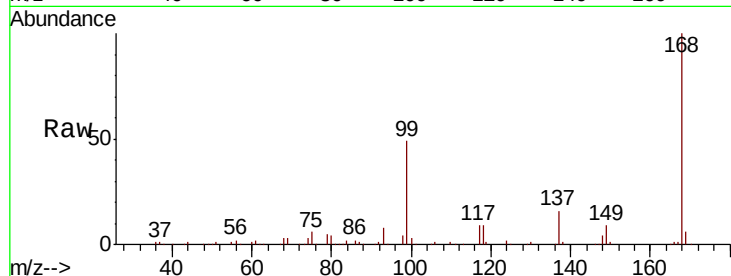
OUTFALL001-180821

Tot Ion:168 Resp: 282610

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

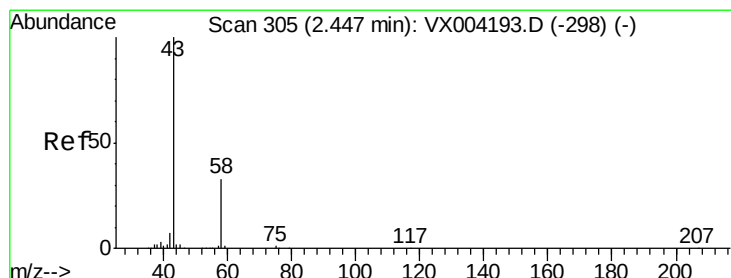
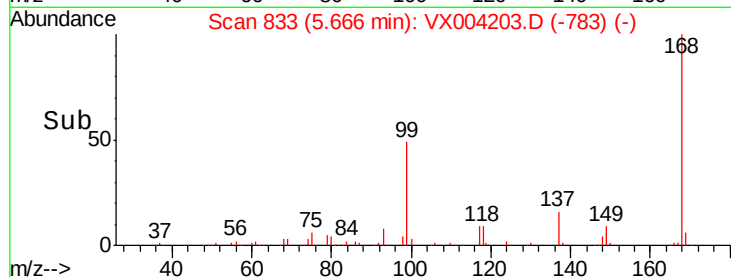
20000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 14.90 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004203.D

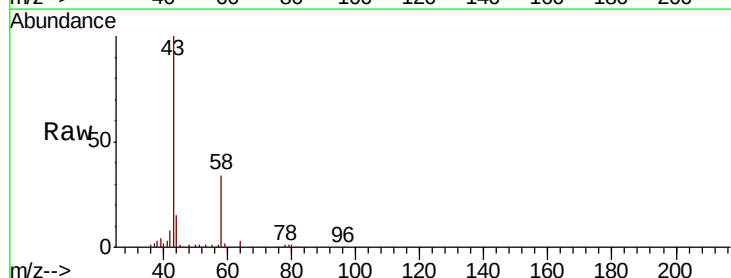
Acq: 22 Aug 2018 17:17

Tgt Ion: 43 Resp: 33820

Ion Ratio Lower Upper

43 100

58 34.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

15000

10000

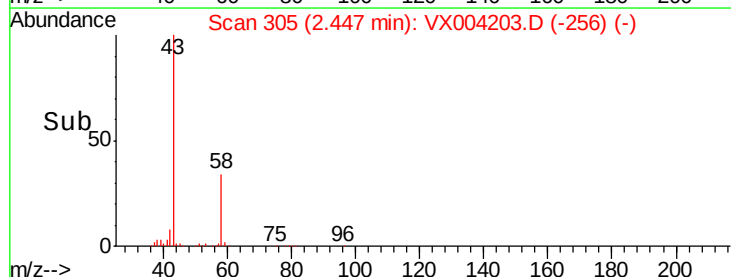
5000

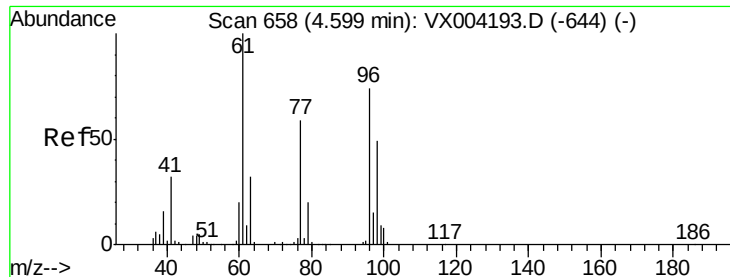
0

2.45

2.35 2.40 2.45 2.50 2.55

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004203.D

Acq: 22 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180821

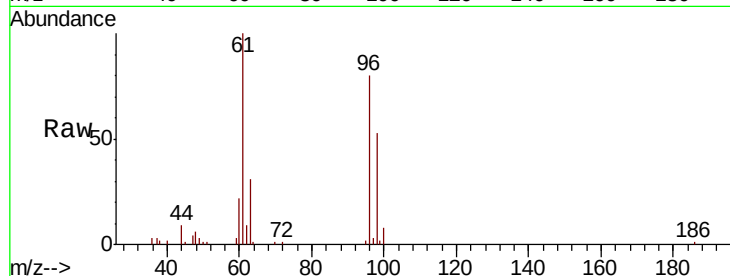
Tot Ion: 96 Resp: 14484

Ion Ratio Lower Upper

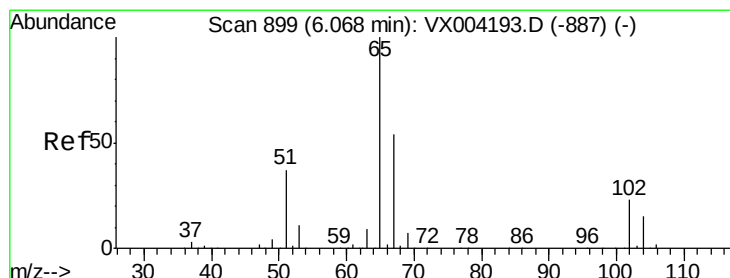
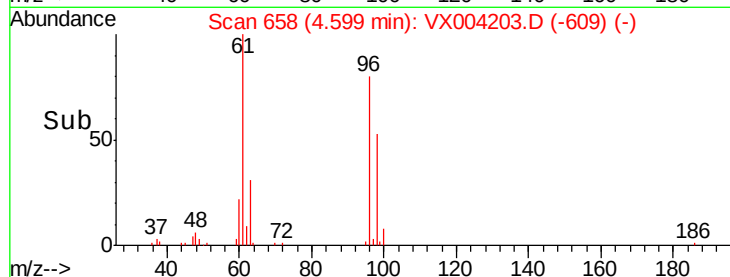
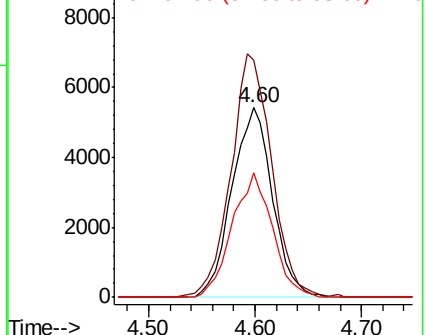
96 100

61 128.9 0.0 282.6

98 65.1 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



#33

1,2-Dichloroethane-d4

Concen: 55.43 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004203.D

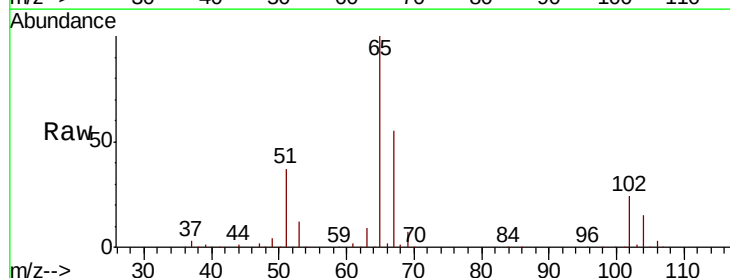
Acq: 22 Aug 2018 17:17

Tgt Ion: 65 Resp: 204169

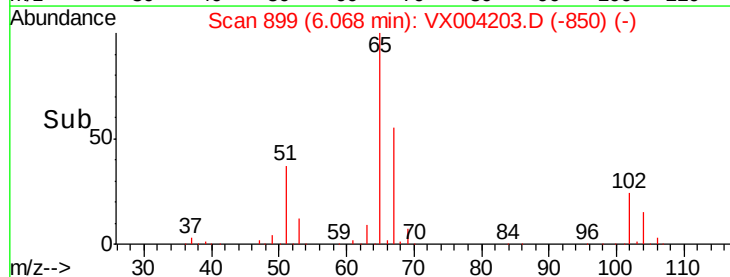
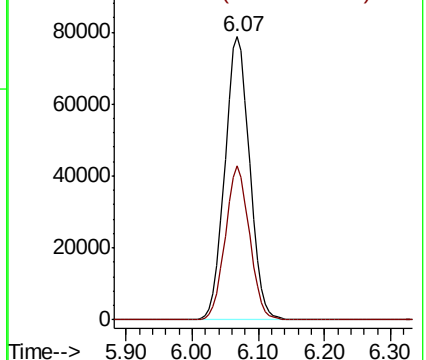
Ion Ratio Lower Upper

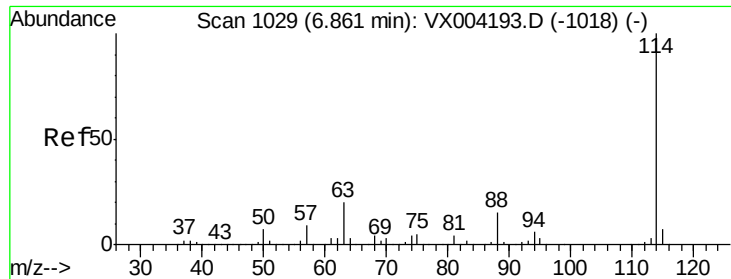
65 100

67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

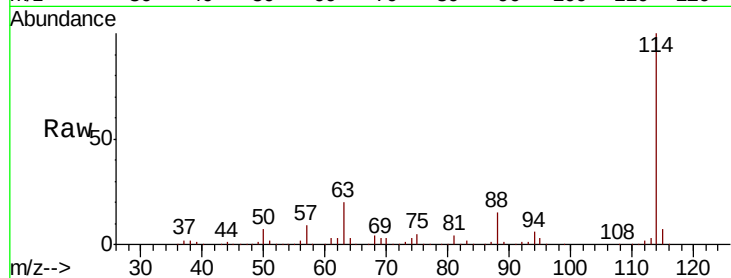




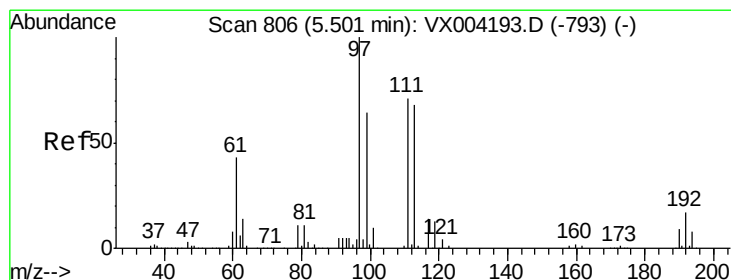
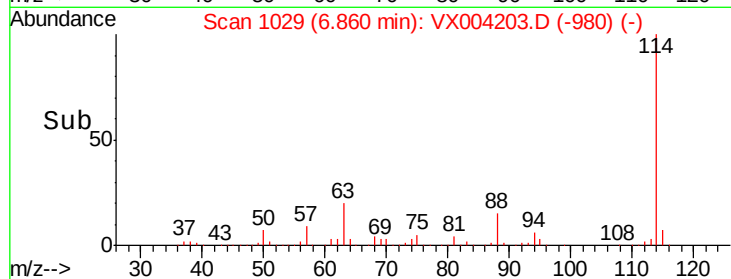
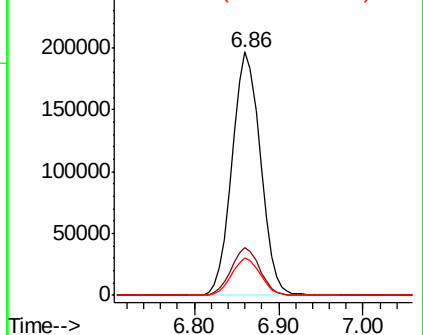
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004203.D
 Acq: 22 Aug 2018 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180821

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.4	0.0	30.4

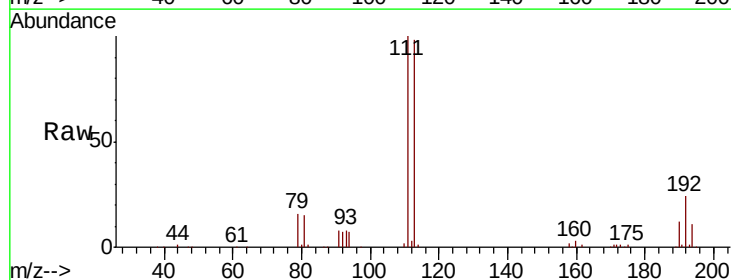


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

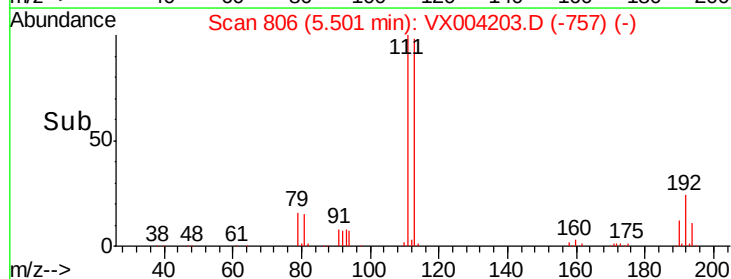
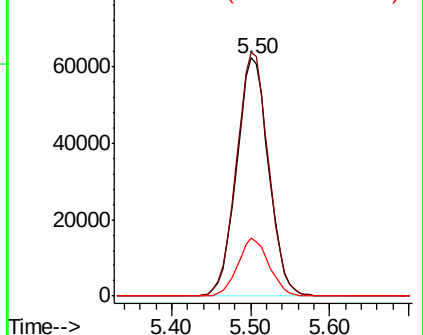


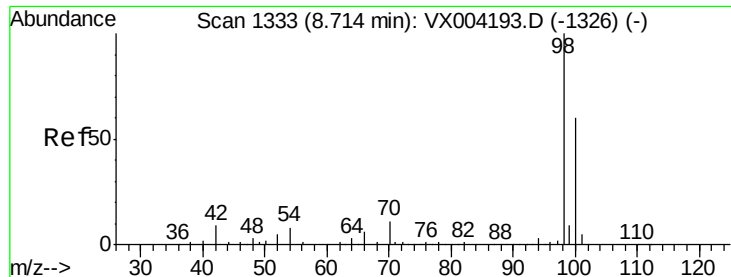
#35
 Dibromofluoromethane
 Concen: 52.51 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004203.D
 Acq: 22 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	23.7	19.4	29.2



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: 50.45 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004203.D

Acq: 22 Aug 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

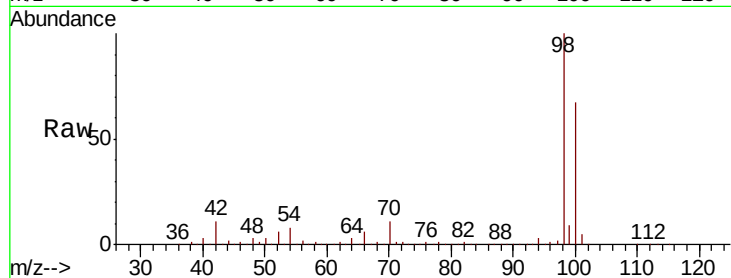
OUTFALL001-180821

Tot Ion: 98 Resp: 636985

Ion Ratio Lower Upper

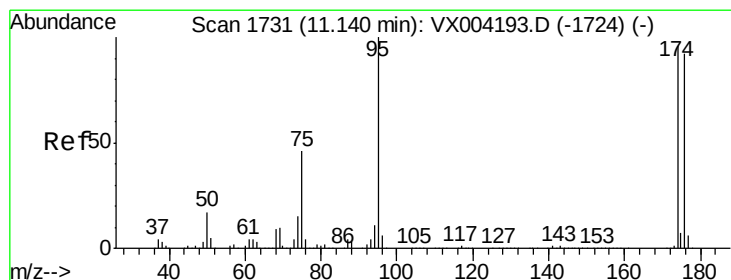
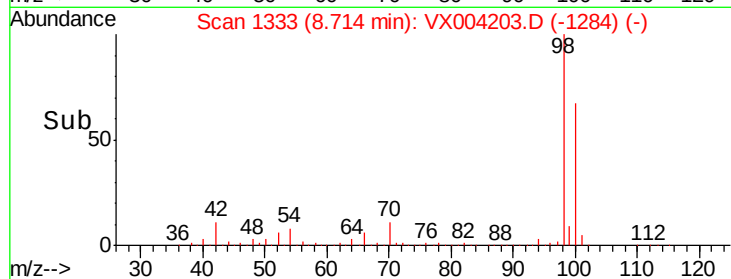
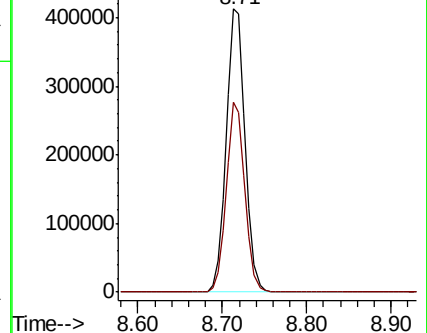
98 100

100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 47.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004203.D

Acq: 22 Aug 2018 17:17

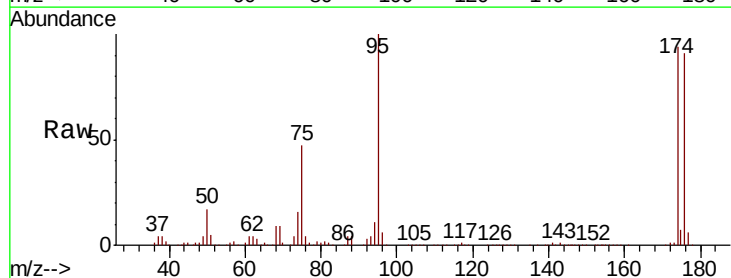
Tgt Ion: 95 Resp: 221489

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

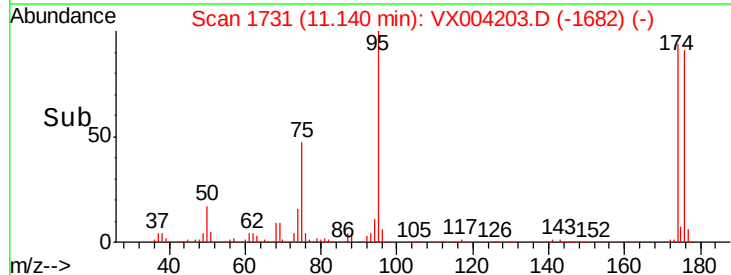
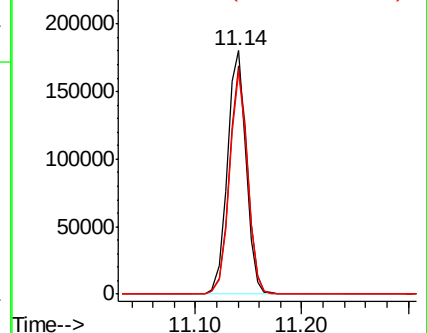
176 88.5 0.0 178.6

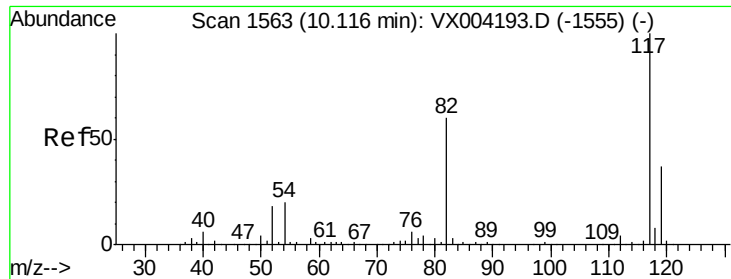


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

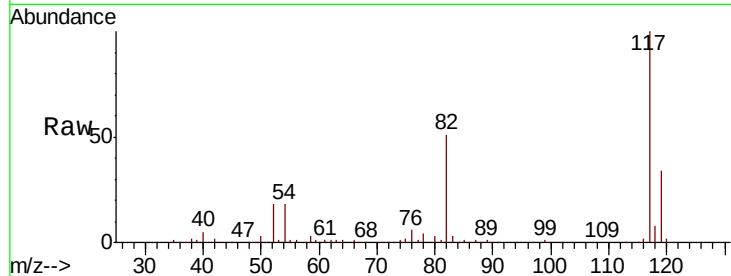




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004203.D
Acq: 22 Aug 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180821

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	47.8	71.6
119	34.0	29.3	43.9

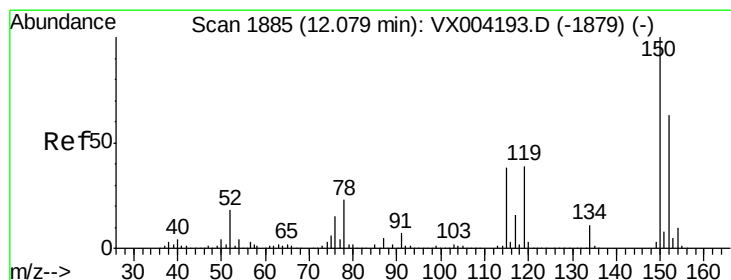
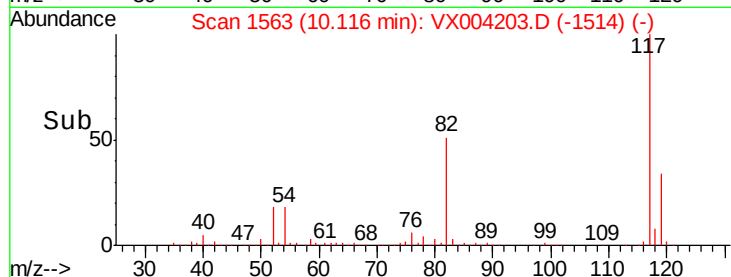
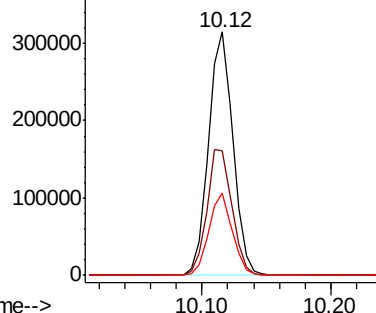


Abundance

Ion 116.90 (116.60 to 117.60): V

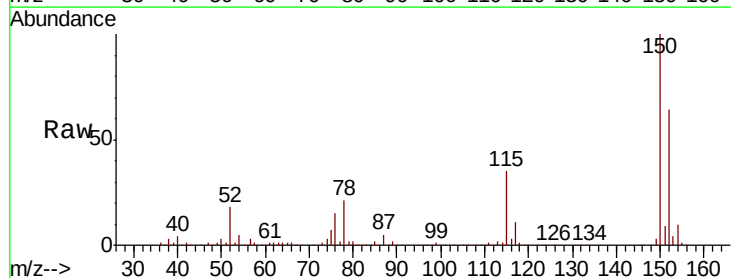
Ion 82.00 (81.70 to 82.70): VX0

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. -0.00 min
Lab File: VX004203.D
Acq: 22 Aug 2018 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.0	117.0
150	154.9	0.0	351.0



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

