

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005027.D
 Acq On : 04 Oct 2018 19:08
 Operator : JC/MD
 Sample : J5233-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-181002

Quant Time: Oct 05 04:20:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

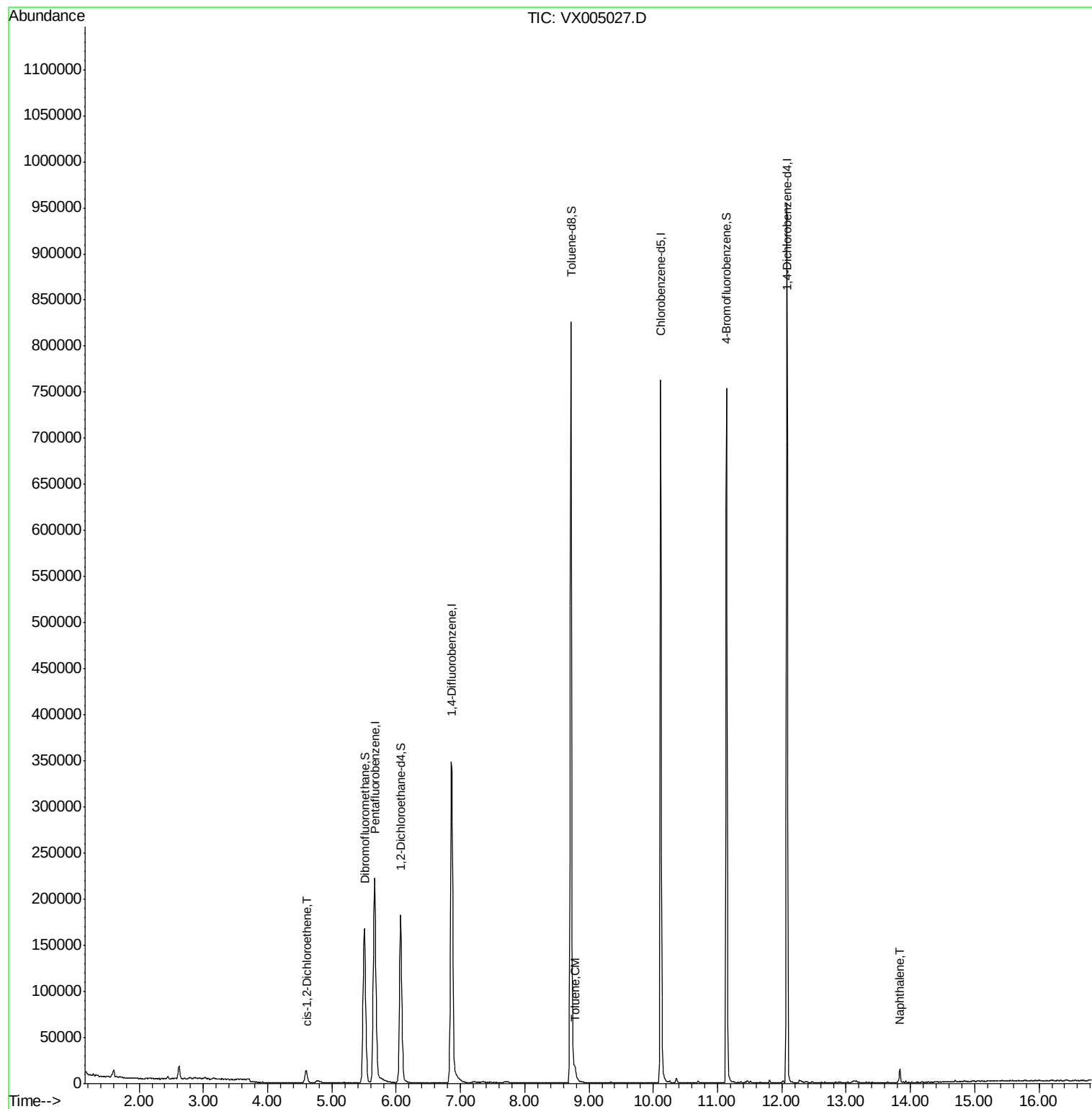
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169756	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	5.50	113	144505	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
50) Toluene-d8	8.72	98	537809	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.14	95	190415	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	8191	2.596	ug/l	97
52) Toluene	8.79	92	2280	0.305	ug/l	98
95) Naphthalene	13.83	128	9635	1.305	ug/l	100

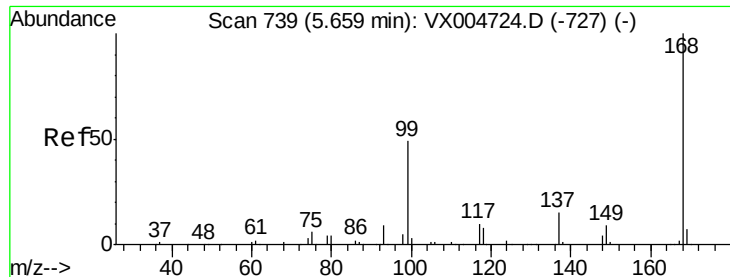
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX005027.D

Acq: 04 Oct 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

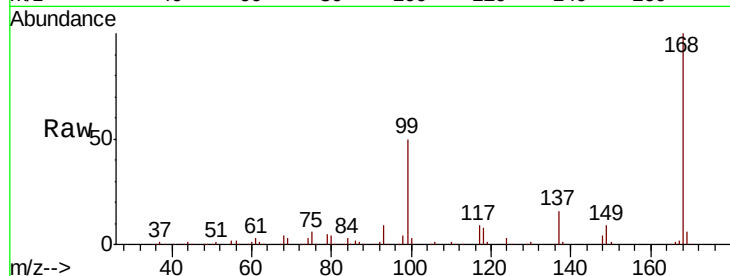
OUTFALL001-181002

Tot Ion:168 Resp: 238080

Ion Ratio Lower Upper

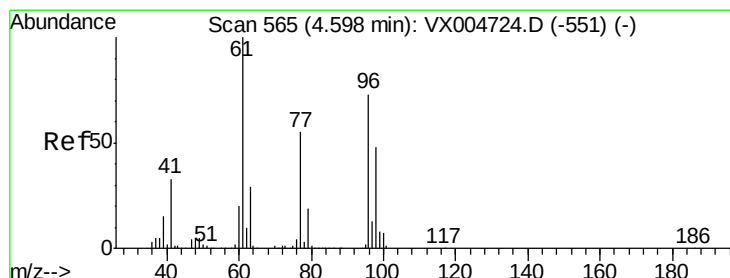
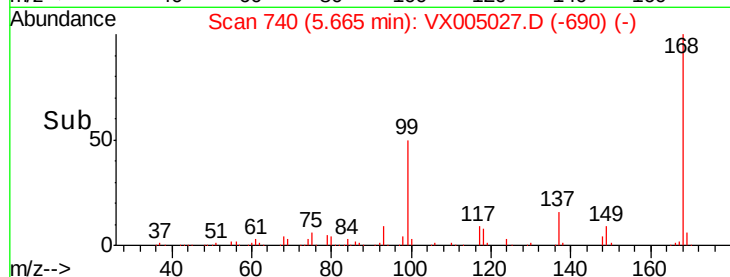
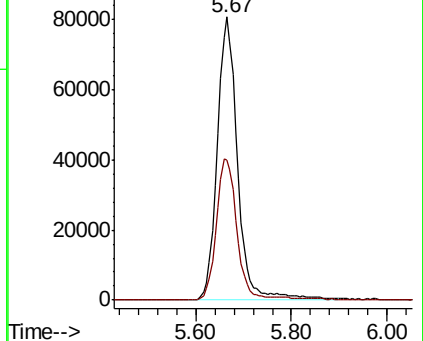
168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.596 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005027.D

Acq: 04 Oct 2018 19:08

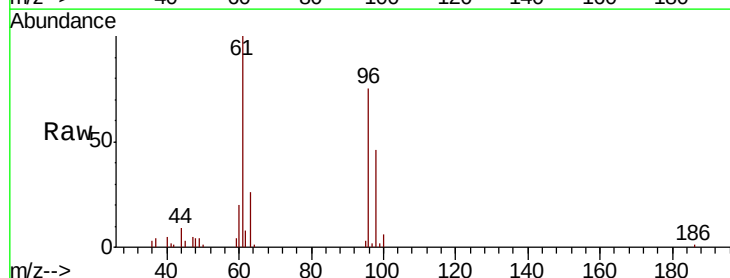
Tgt Ion: 96 Resp: 8191

Ion Ratio Lower Upper

96 100

61 147.9 0.0 285.8

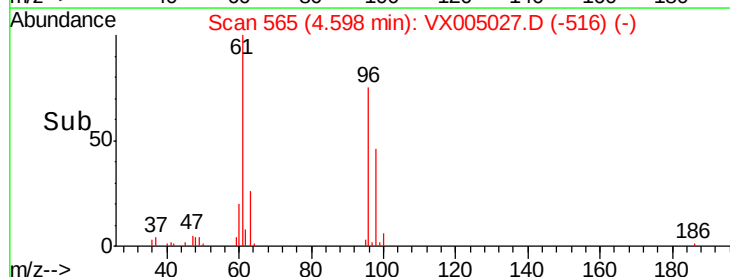
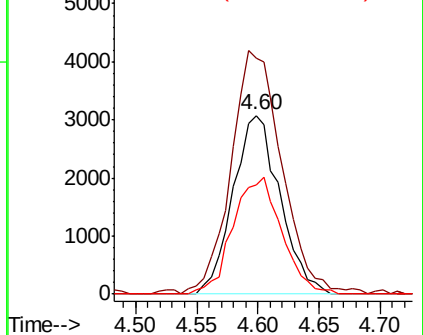
98 68.1 0.0 136.2

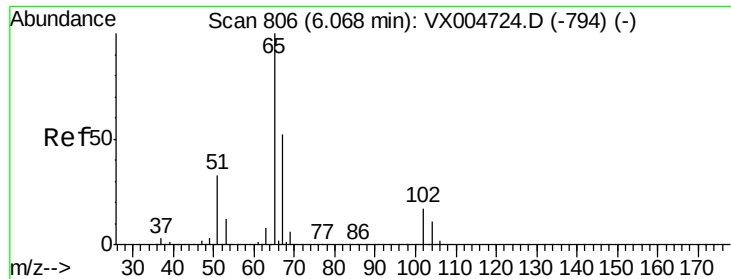


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

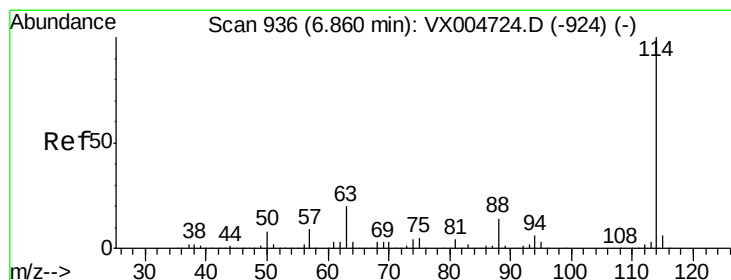
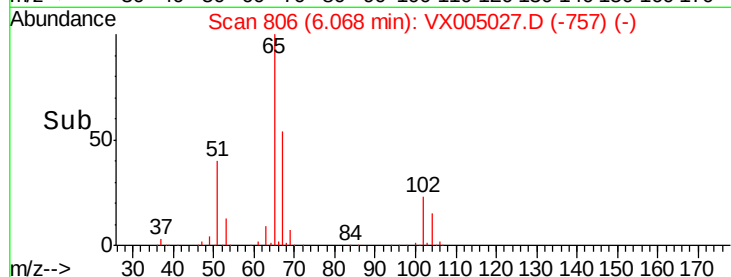
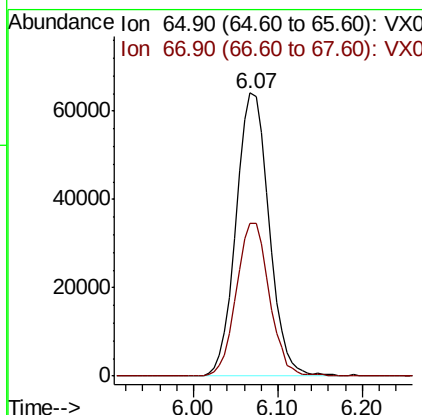
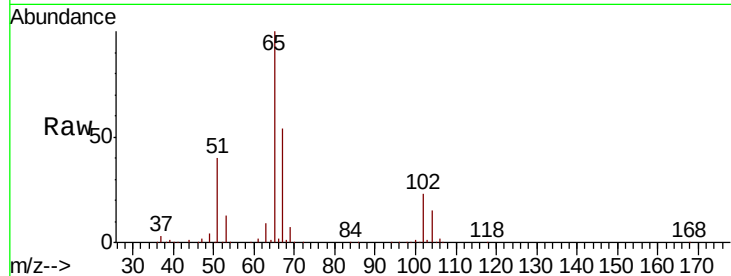




#33
 1,2-Dichloroethane-d4
 Concen: 49.914 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005027.D
 Acq: 04 Oct 2018 19:08

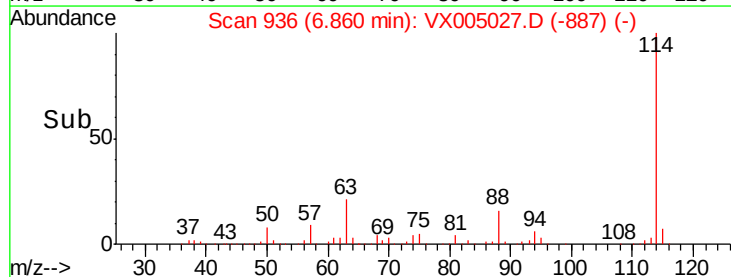
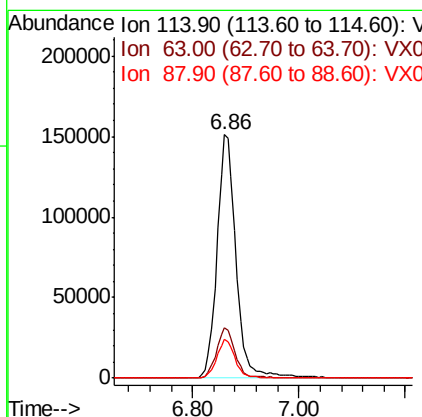
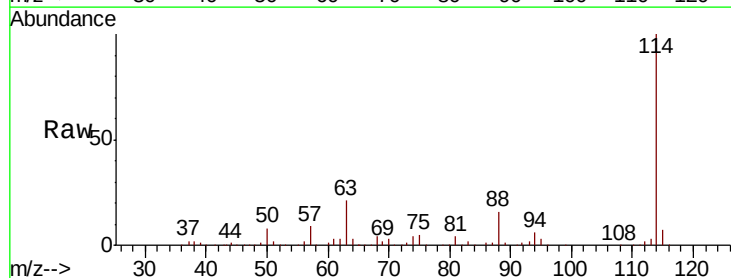
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-181002

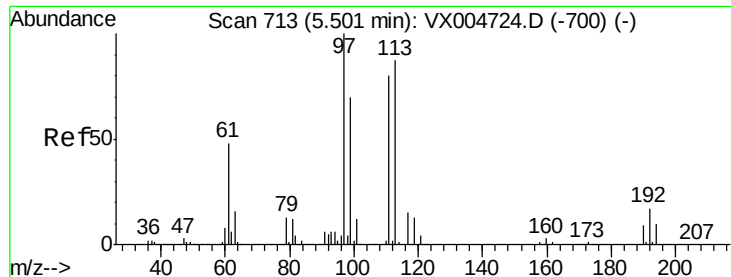
Tot Ion: 65 Resp: 169756
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005027.D
 Acq: 04 Oct 2018 19:08

Tgt Ion: 114 Resp: 375913
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.8
 88 16.0 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.357 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005027.D

Acq: 04 Oct 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-181002

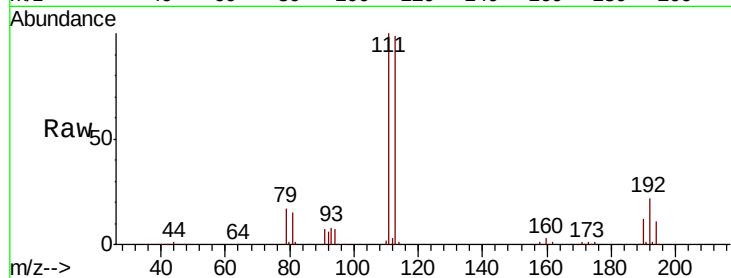
Tot Ion:113 Resp: 144505

Ion Ratio Lower Upper

113 100

111 103.0 77.0 115.4

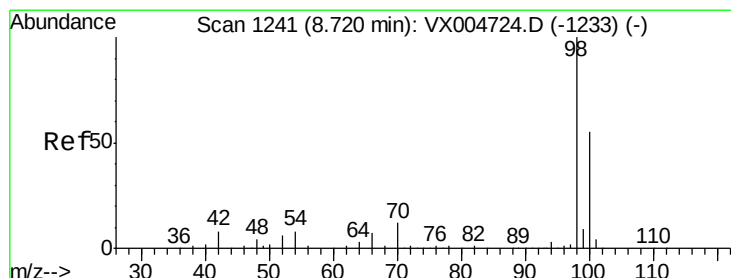
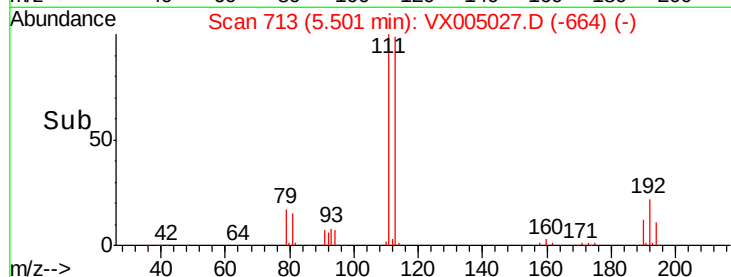
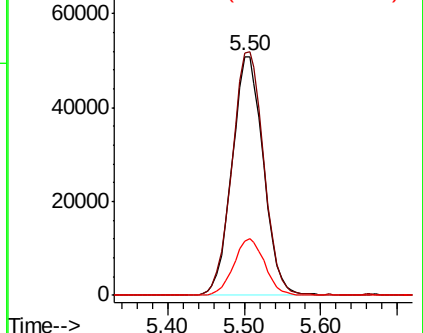
192 23.4 17.0 25.6



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: 50.777 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005027.D

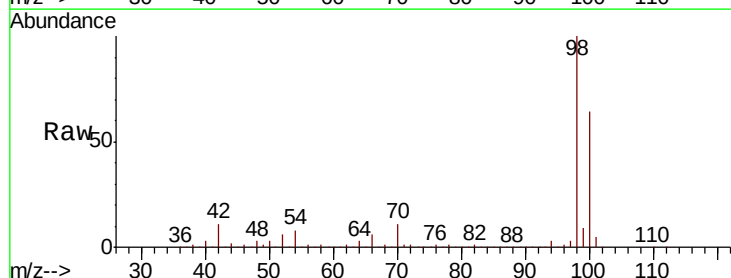
Acq: 04 Oct 2018 19:08

Tgt Ion: 98 Resp: 537809

Ion Ratio Lower Upper

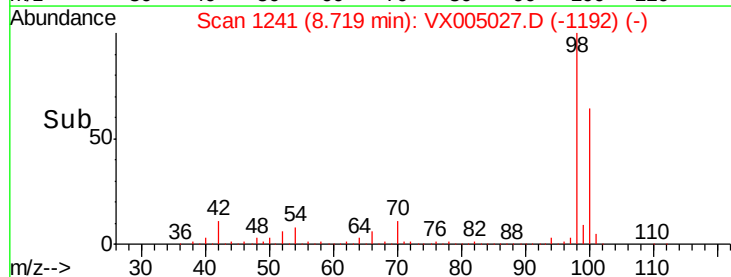
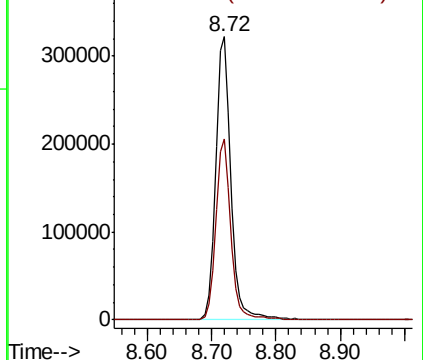
98 100

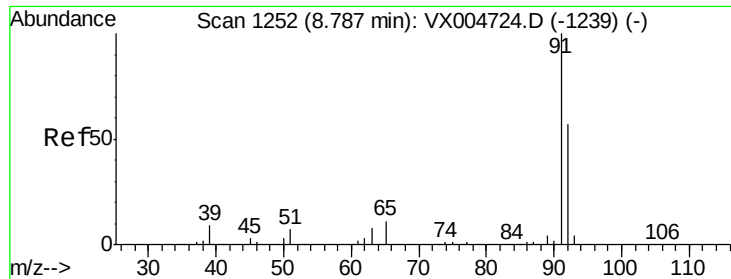
100 63.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.305 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005027.D

Acq: 04 Oct 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

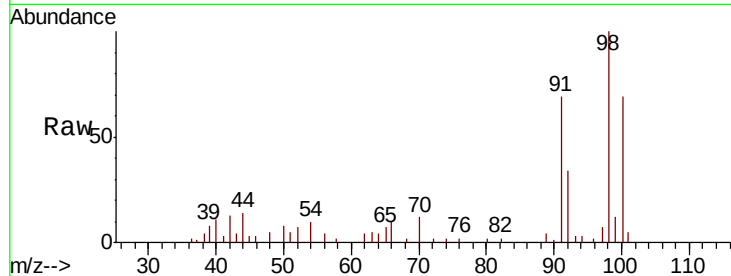
OUTFALL001-181002

Tot Ion: 92 Resp: 2280

Ion Ratio Lower Upper

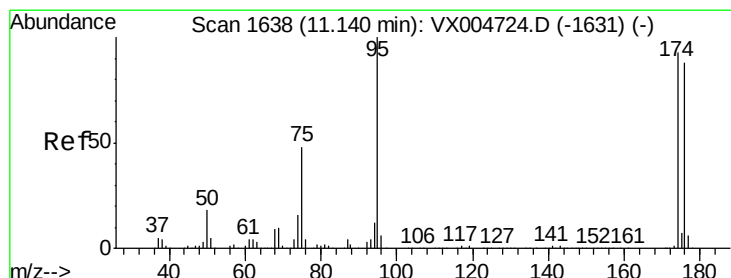
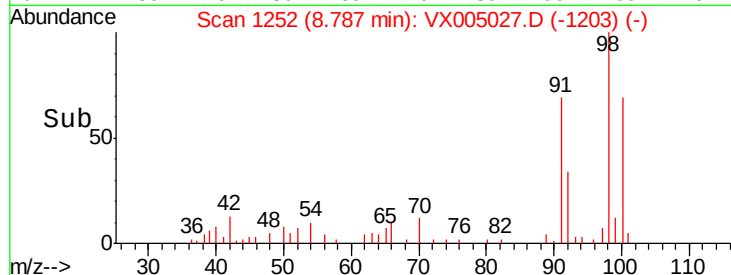
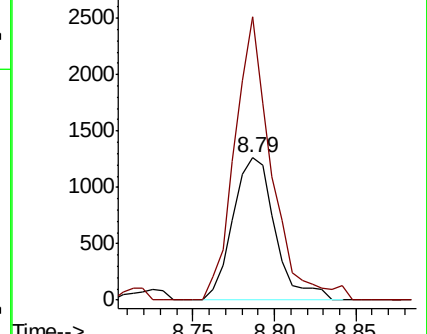
92 100

91 173.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.904 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005027.D

Acq: 04 Oct 2018 19:08

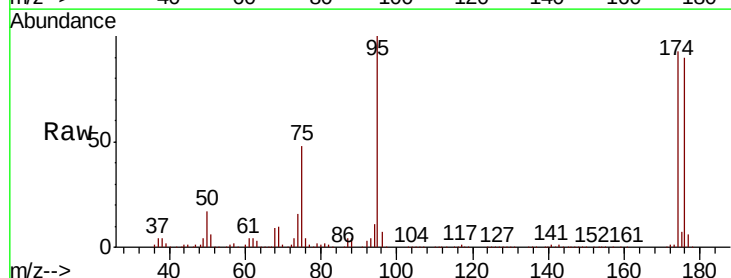
Tgt Ion: 95 Resp: 190415

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.0

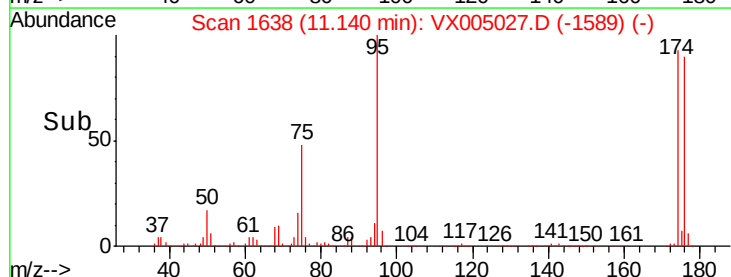
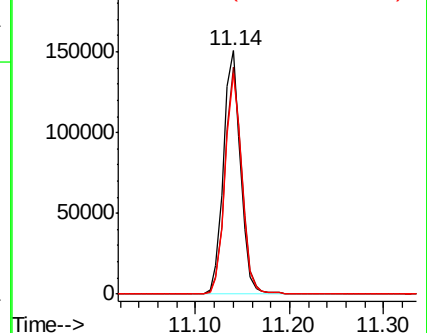
176 88.9 0.0 180.2

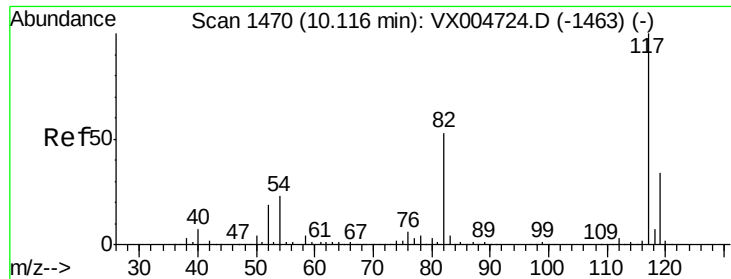


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

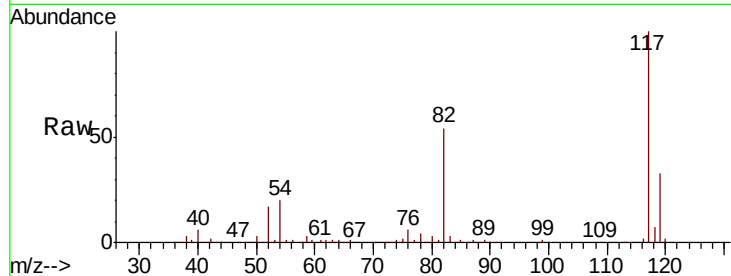




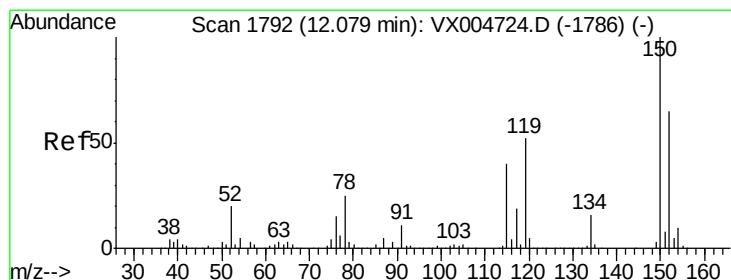
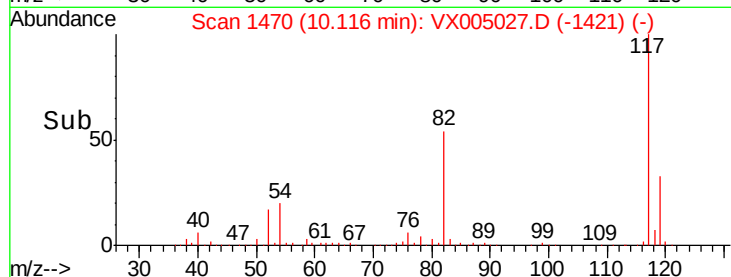
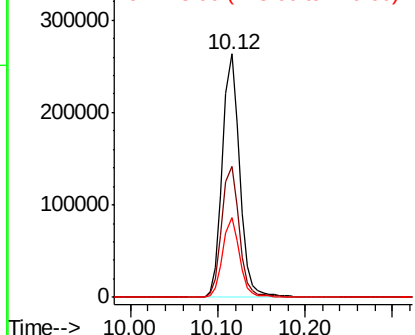
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005027.D
Acq: 04 Oct 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-181002

Tot Ion:117 Resp: 360973
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.4
119 32.5 27.4 41.0

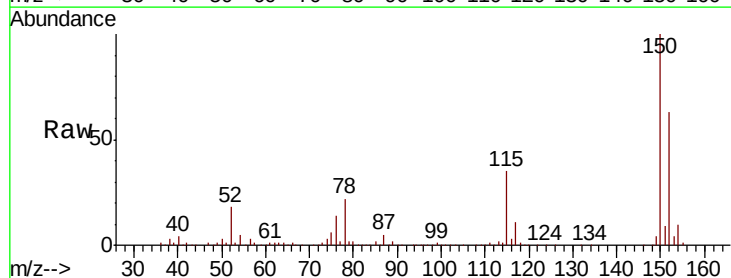


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

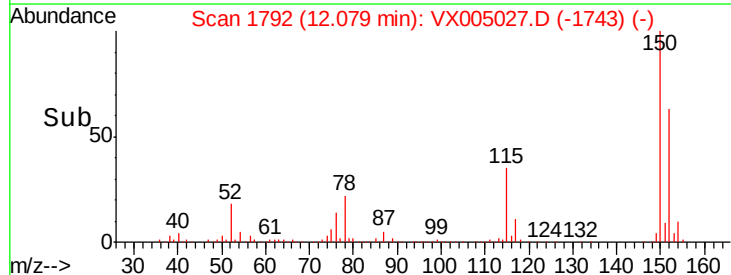
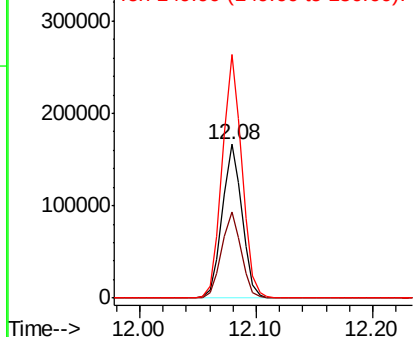


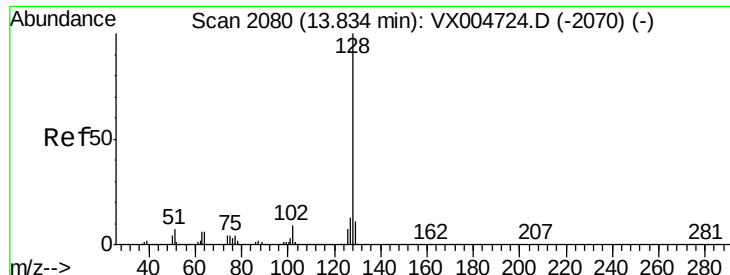
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005027.D
Acq: 04 Oct 2018 19:08

Tgt Ion:152 Resp: 194951
Ion Ratio Lower Upper
152 100
115 55.5 40.2 120.6
150 157.2 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





#95
Naphthalene
Concen: 1.305 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005027.D
Acq: 04 Oct 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-181002

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.7	13.1

