

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090618\
 Data File : VX004395.D
 Acq On : 06 Sep 2018 19:47
 Operator : JC/MD
 Sample : J4794-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180904

Quant Time: Sep 07 07:49:28 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

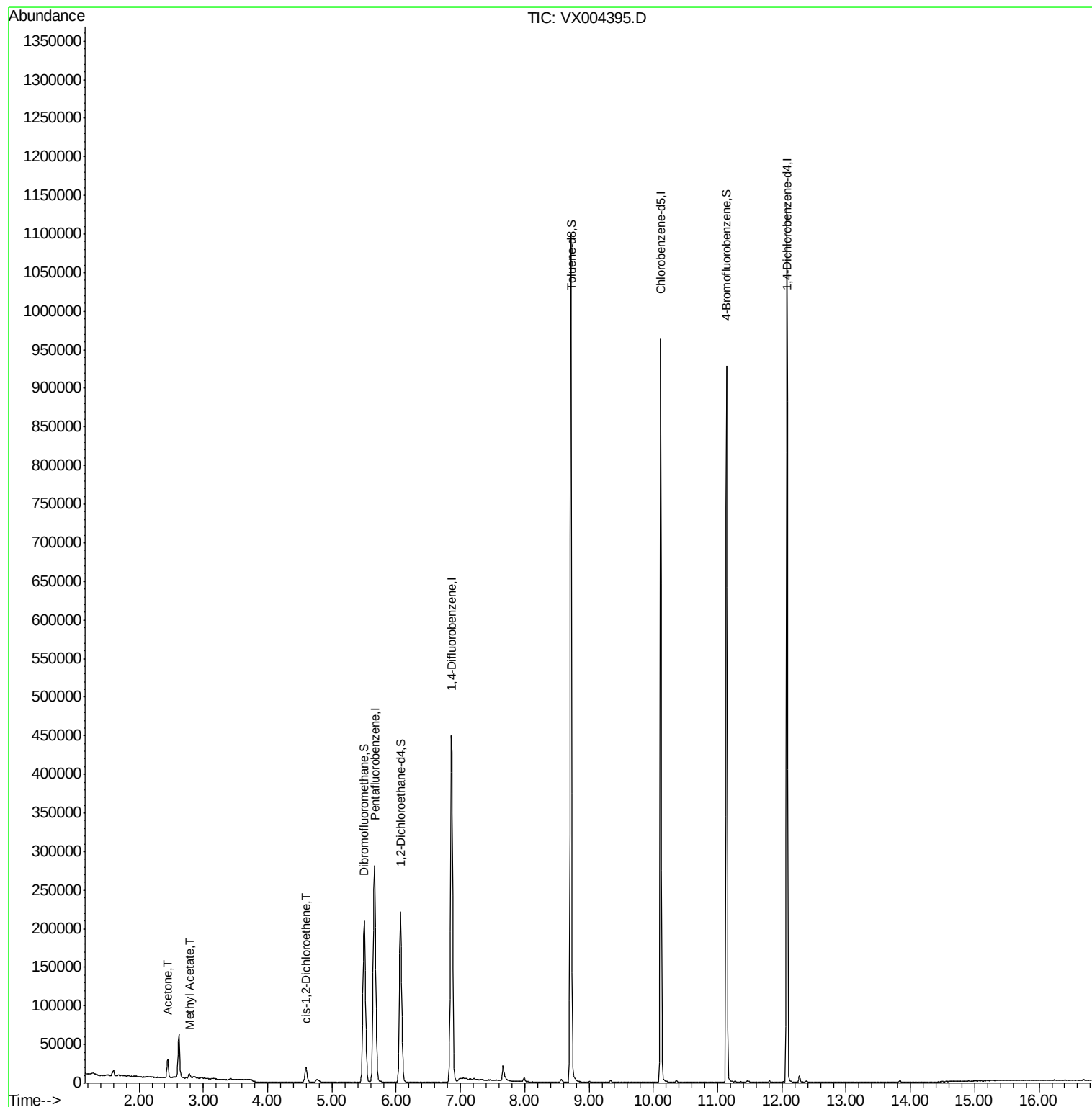
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205060	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	5.50	113	180359	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.72	98	670111	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.14	95	233299	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
16) Acetone	2.45	43	24315	7.75	ug/l	98
18) Methyl Acetate	2.78	43	7259	1.28	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	12499	3.20	ug/l	91

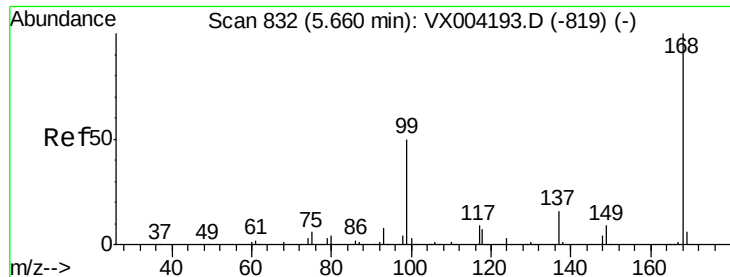
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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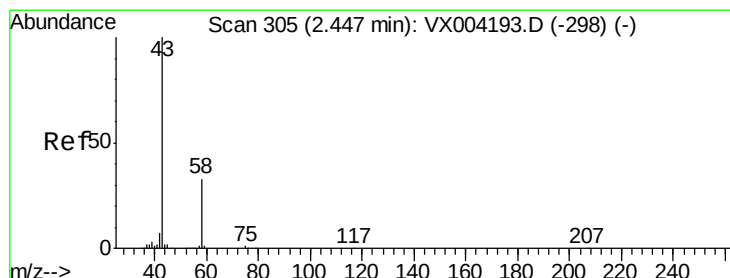
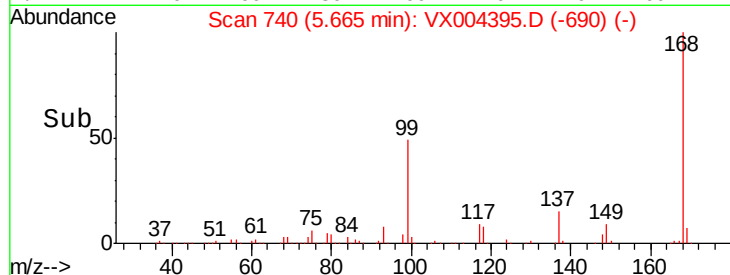
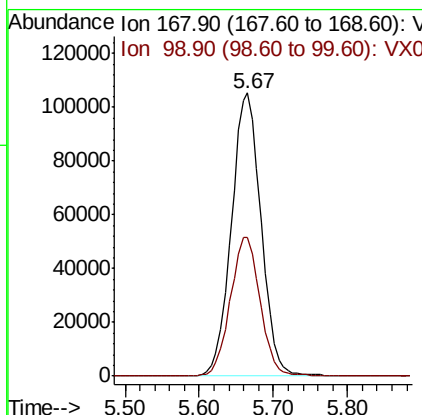
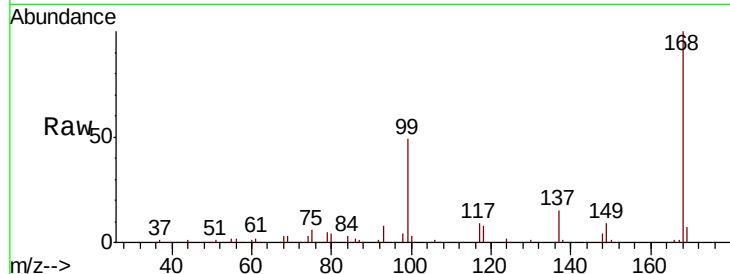




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004395.D
Acq: 06 Sep 2018 19:47

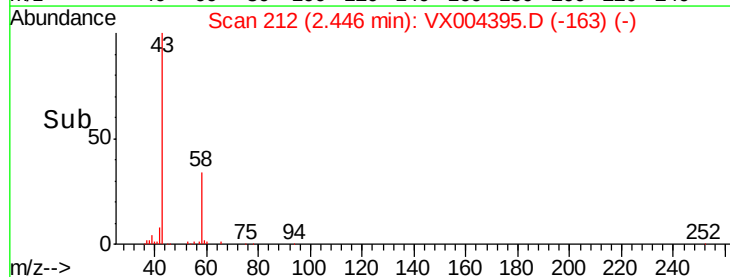
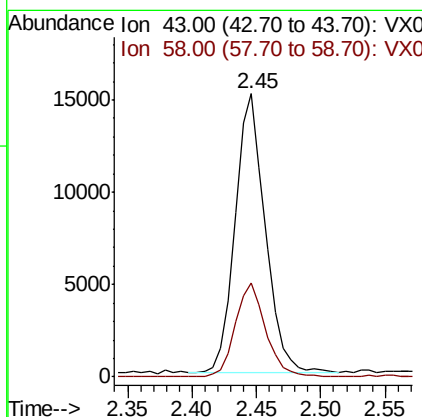
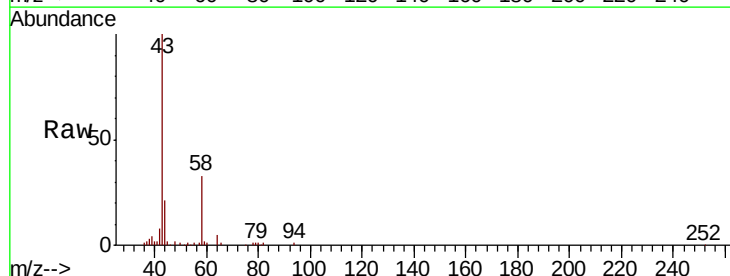
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180904

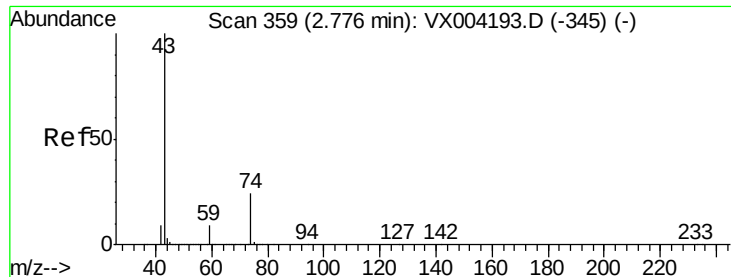
Tot Ion:168 Resp: 293401
Ion Ratio Lower Upper
168 100
99 49.1 39.9 59.9



#16
Acetone
Concen: 7.75 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004395.D
Acq: 06 Sep 2018 19:47

Tgt Ion: 43 Resp: 24315
Ion Ratio Lower Upper
43 100
58 33.8 26.2 39.4

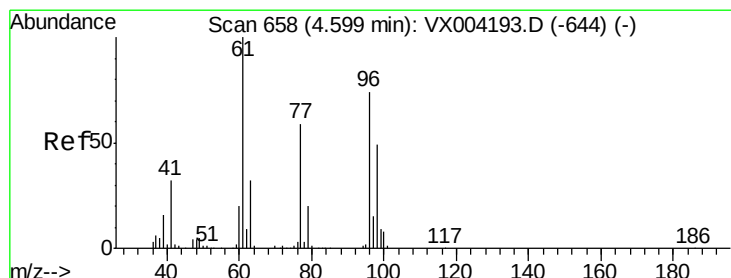
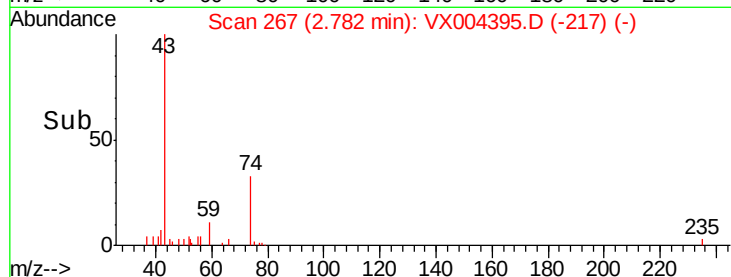
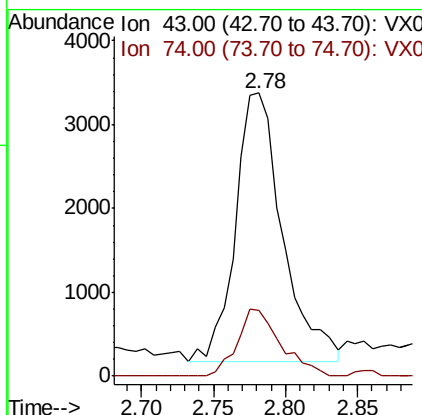
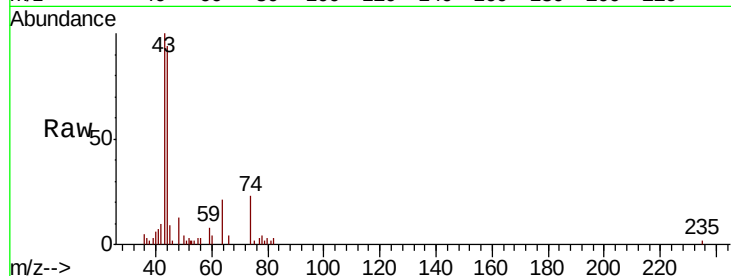




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004395.D
Acq: 06 Sep 2018 19:47

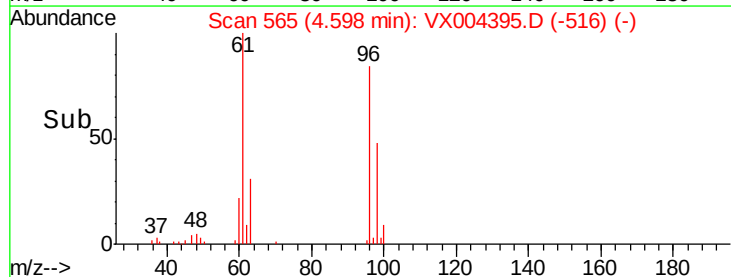
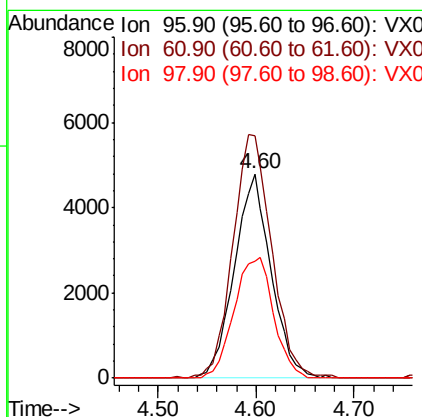
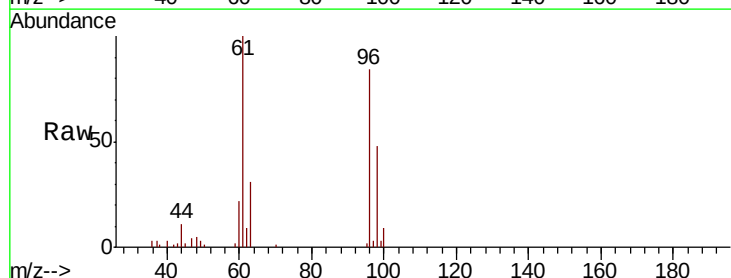
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-180904

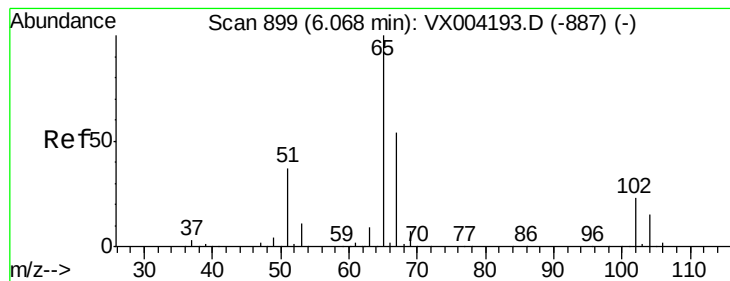
Tot Ion: 43 Resp: 7259
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 3.20 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004395.D
Acq: 06 Sep 2018 19:47

Tgt Ion: 96 Resp: 12499
Ion Ratio Lower Upper
96 100
61 126.2 0.0 282.6
98 63.0 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 53.62 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004395.D

Acq: 06 Sep 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

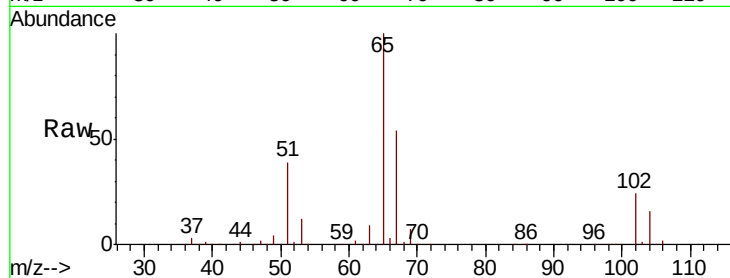
OUTFALL001-180904

Tot Ion: 65 Resp: 205060

Ion Ratio Lower Upper

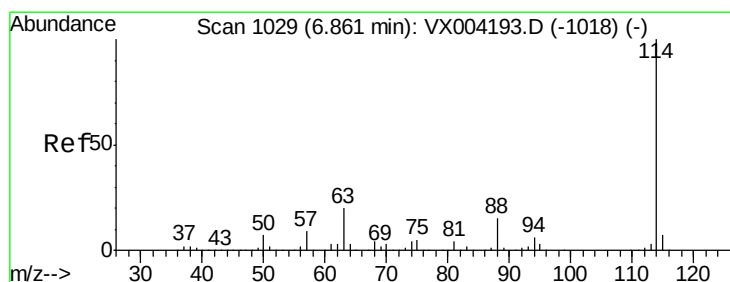
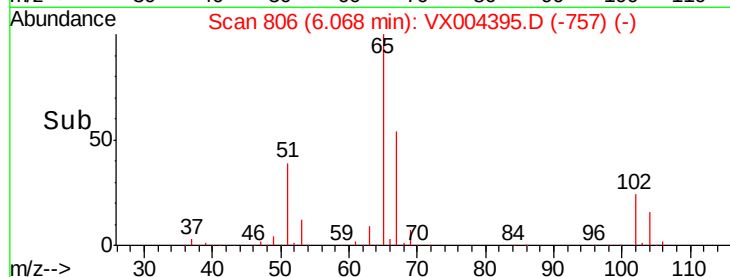
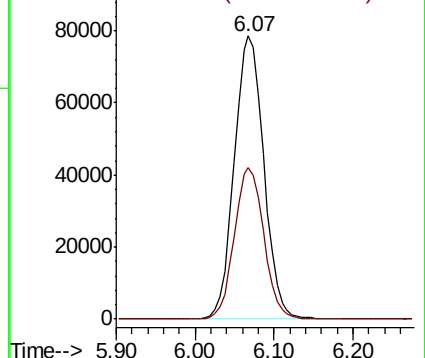
65 100

67 53.5 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# 936

Delta R.T. -0.00 min

Lab File: VX004395.D

Acq: 06 Sep 2018 19:47

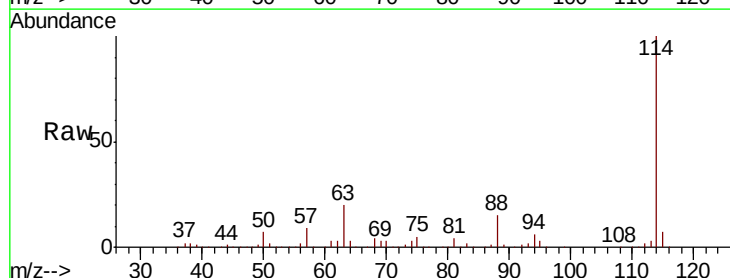
Tgt Ion: 114 Resp: 467658

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

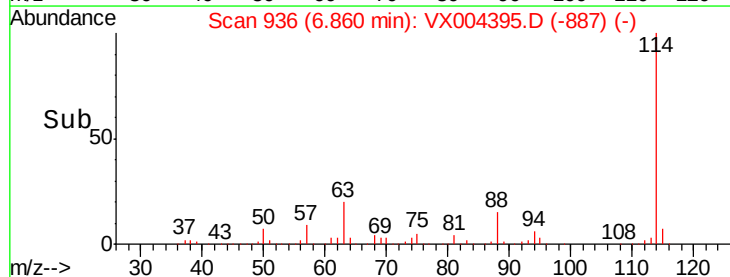
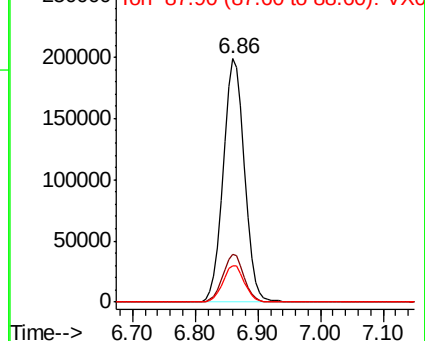
88 15.1 0.0 30.4

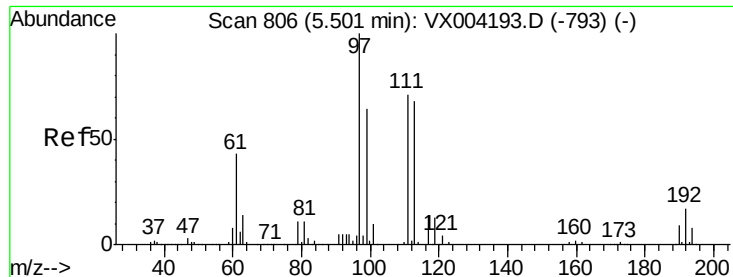


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

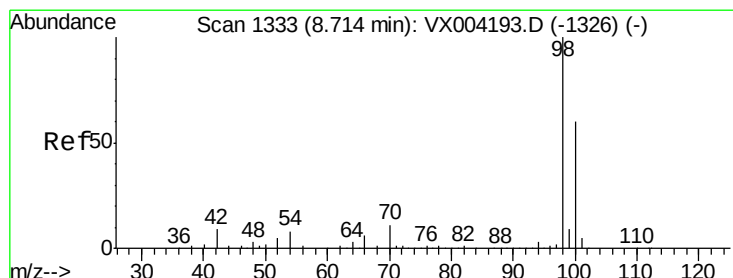
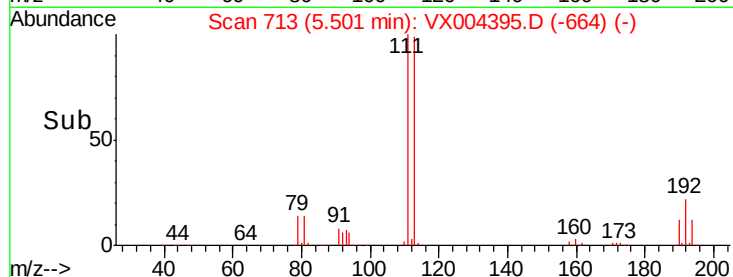
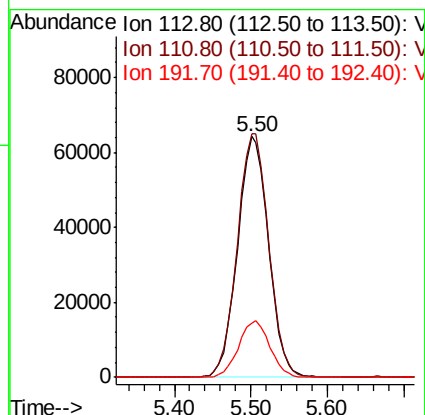
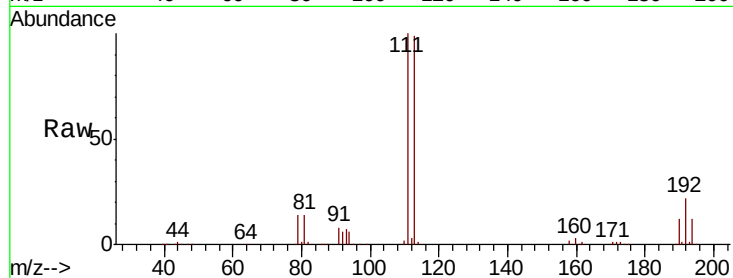




#35
 Dibromofluoromethane
 Concen: 51.84 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004395.D
 Acq: 06 Sep 2018 19:47

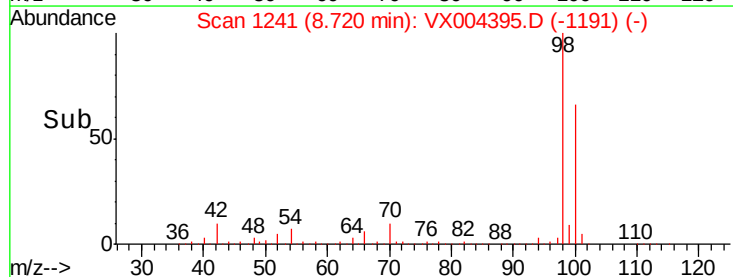
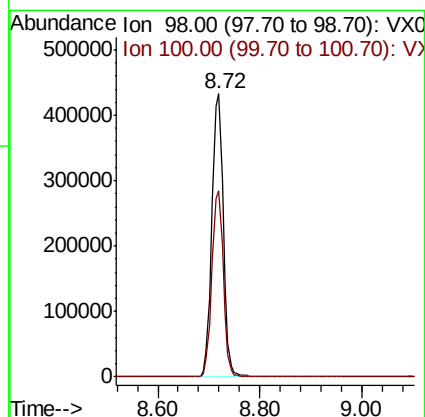
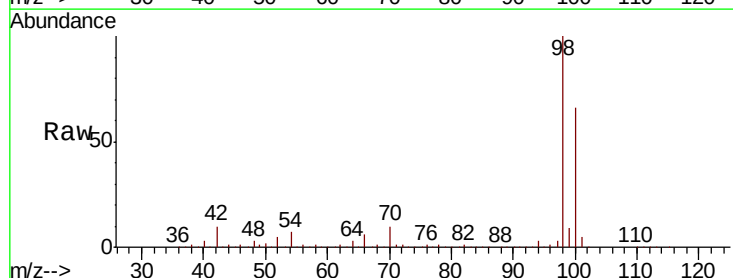
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180904

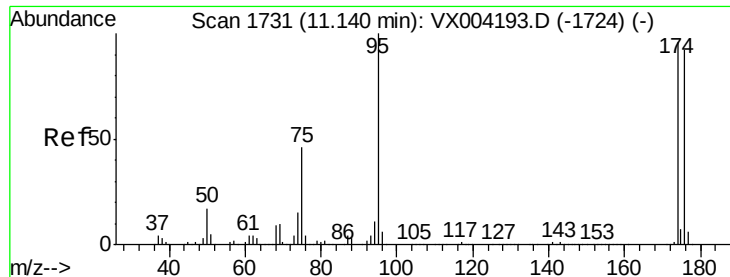
Tot Ion:113 Resp: 180359
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.8 19.4 29.2



#50
 Toluene-d8
 Concen: 51.03 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX004395.D
 Acq: 06 Sep 2018 19:47

Tgt Ion: 98 Resp: 670111
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 47.61 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004395.D

Acq: 06 Sep 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180904

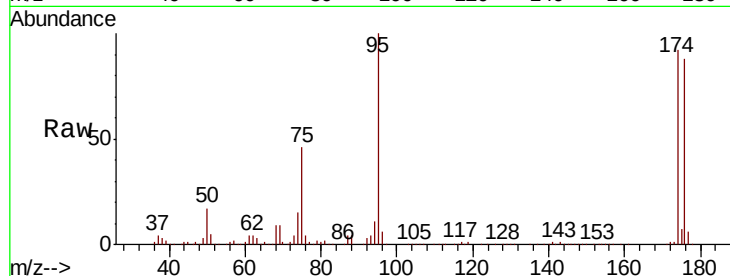
Tot Ion: 95 Resp: 233299

Ion Ratio Lower Upper

95 100

174 91.9 0.0 185.2

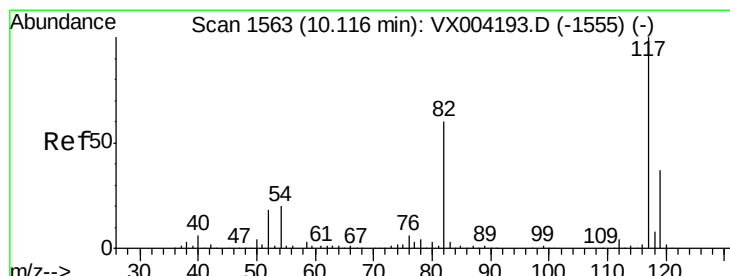
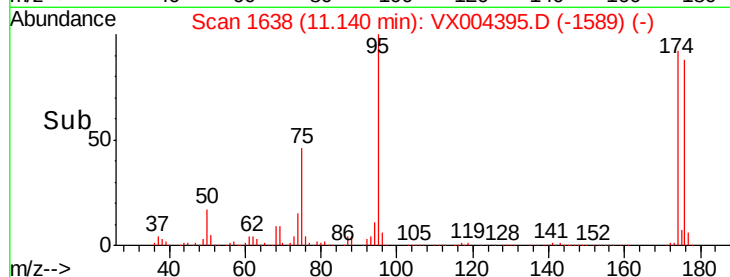
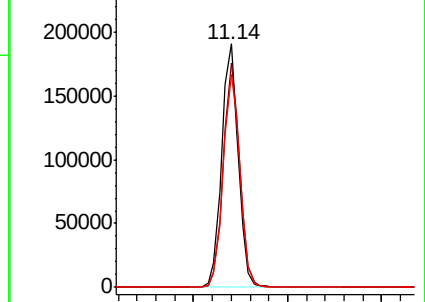
176 88.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004395.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX004395.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX004395.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004395.D

Acq: 06 Sep 2018 19:47

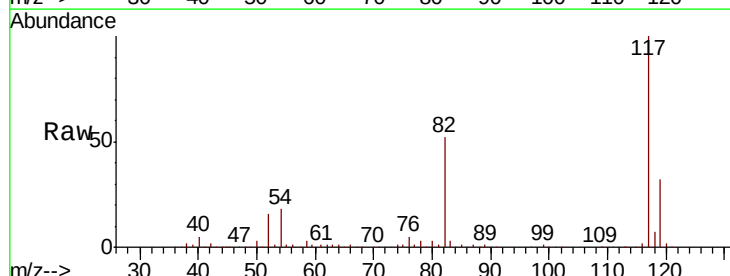
Tgt Ion: 117 Resp: 445190

Ion Ratio Lower Upper

117 100

82 51.7 47.8 71.6

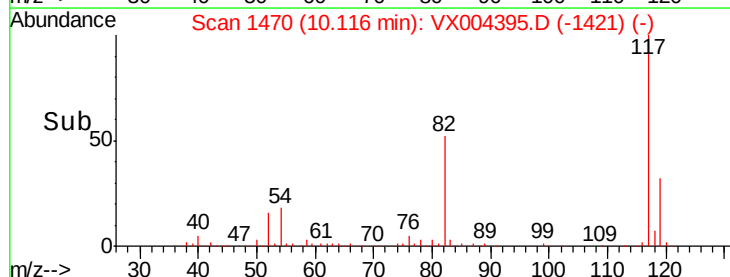
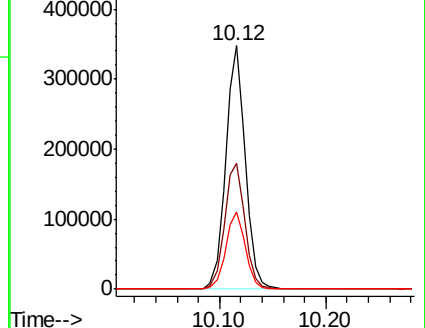
119 31.8 29.3 43.9

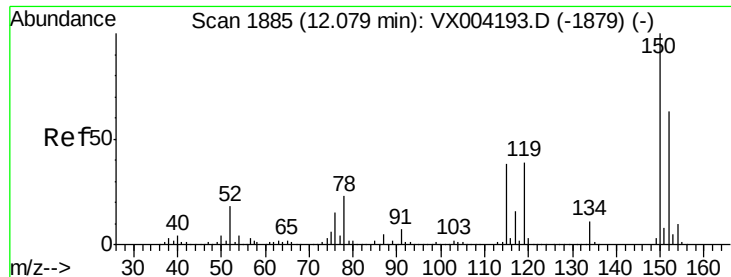


Abundance Ion 116.90 (116.60 to 117.60): VX004395.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX004395.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX004395.D (-1421) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX004395.D
 Acq: 06 Sep 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180904

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.4	39.0	117.0
150	159.3	0.0	351.0

