

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001019.D
 Acq On : 20 Apr 2018 19:41
 Operator : JC/MD
 Sample : J2459-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180418

Quant Time: Apr 21 06:18:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201549	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	150550	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	5.51	113	116072	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
50) Toluene-d8	8.72	98	460500	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.14	95	179364	46.21	ug/l	0.00
Spiked Amount			Recovery	=	92.42%	

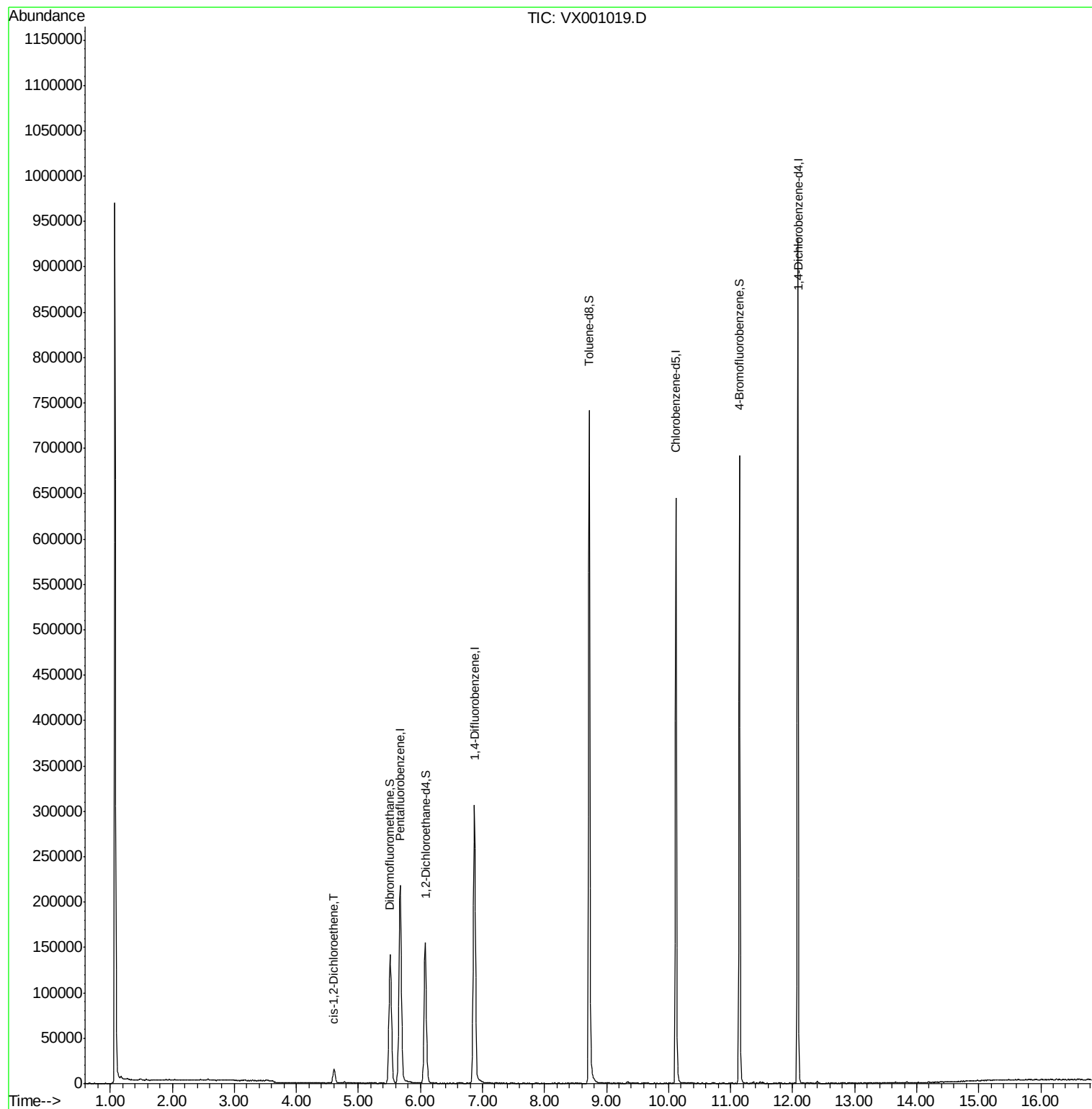
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	9758	3.48	ug/l	88

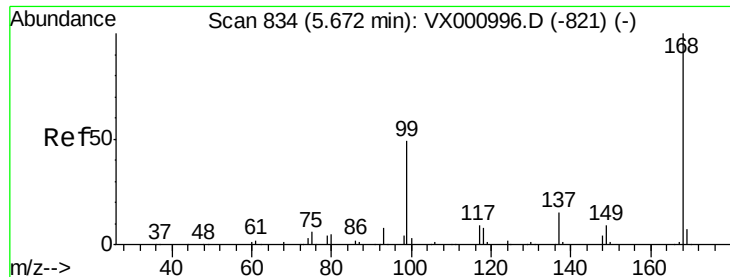
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001019.D

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ClientSampleId :

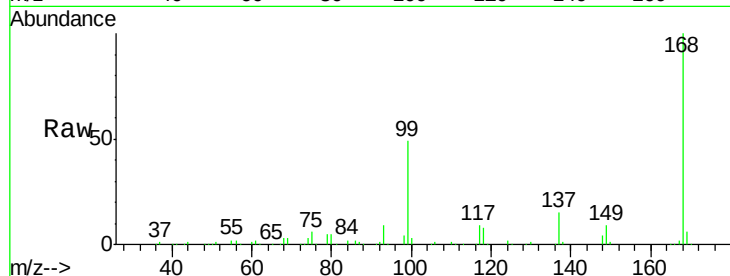
OUTFALL001-180418

Tot Ion:168 Resp: 232016

Ion Ratio Lower Upper

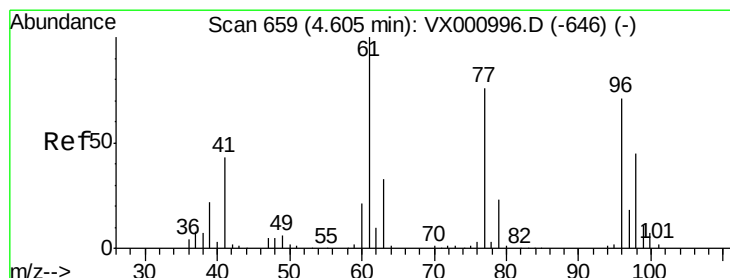
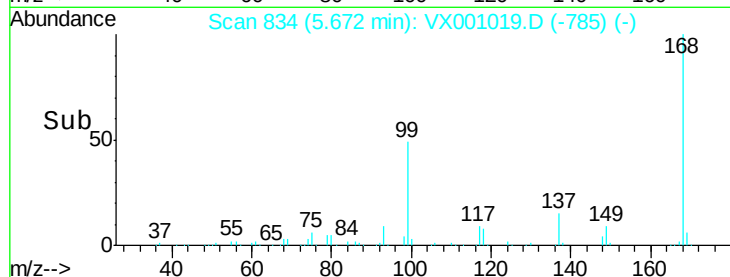
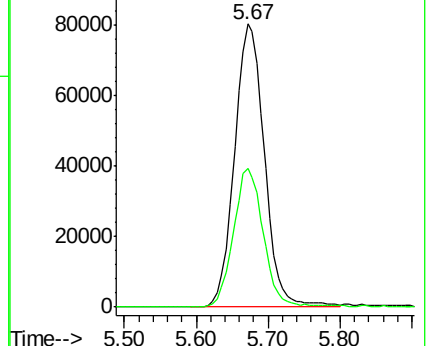
168 100

99 49.2 39.2 58.8



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: 3.48 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001019.D

Acq: 20 Apr 2018 19:41

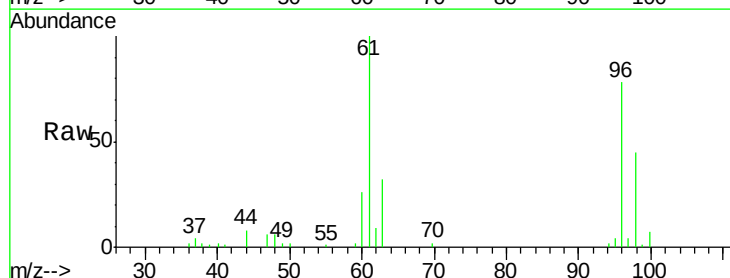
Tgt Ion: 96 Resp: 9758

Ion Ratio Lower Upper

96 100

61 127.5 0.0 297.0

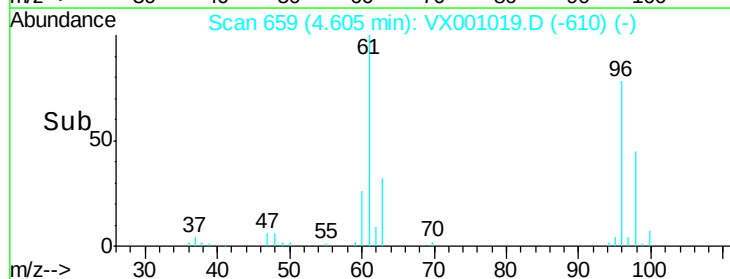
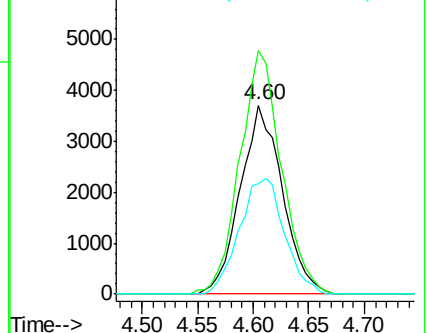
98 65.3 0.0 130.0

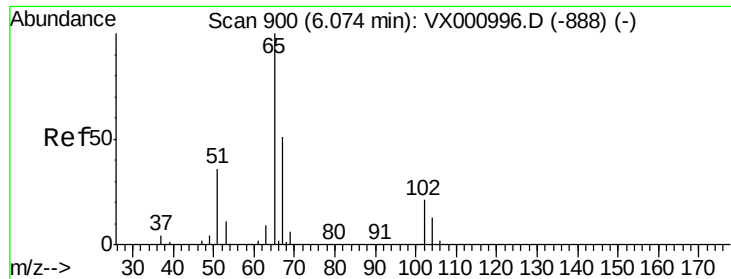


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

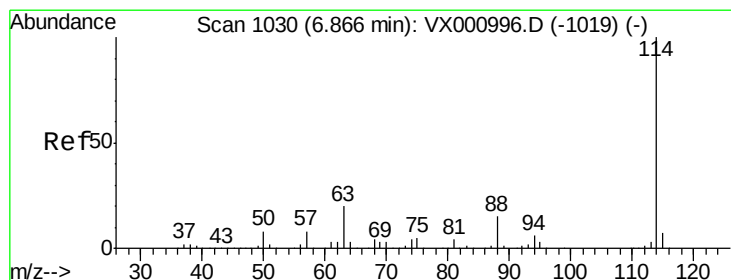
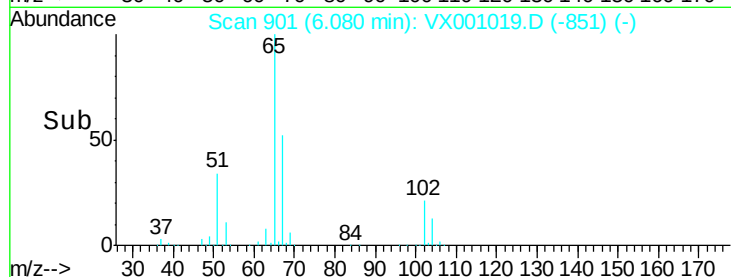
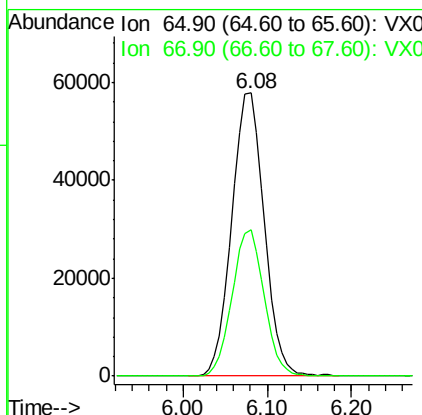
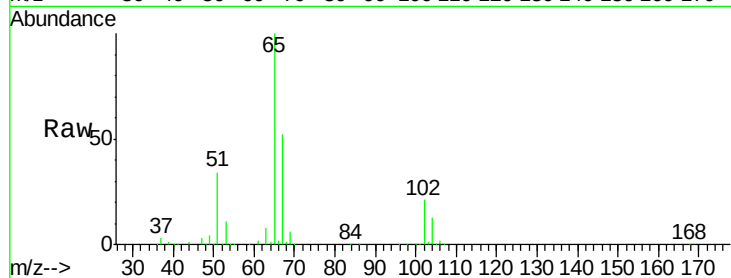




#33
 1,2-Dichloroethane-d4
 Concen: 51.19 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001019.D
 Acq: 20 Apr 2018 19:41

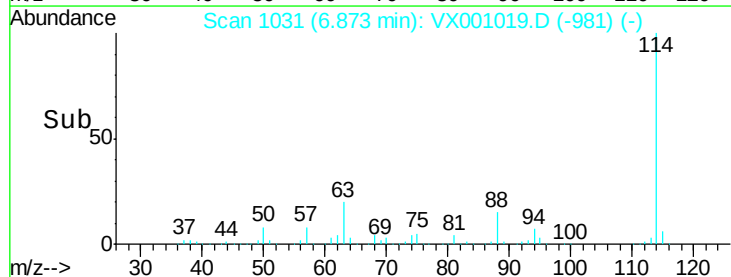
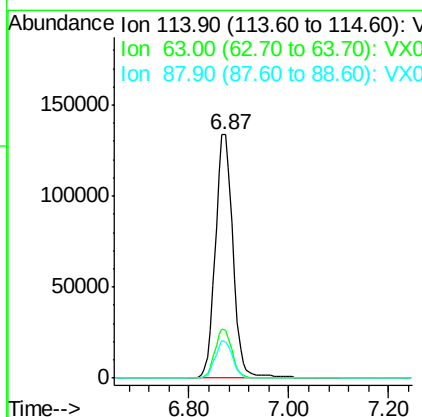
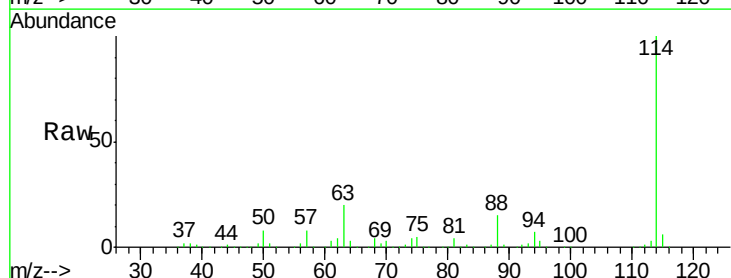
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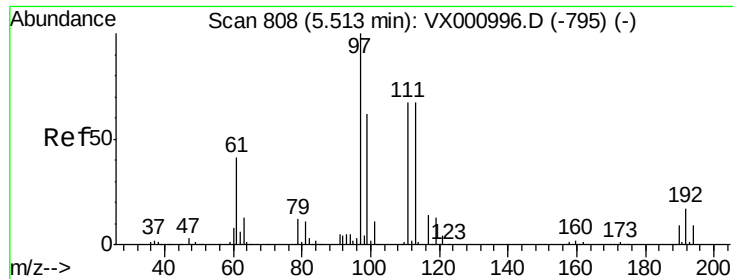
Tot Ion: 65 Resp: 150550
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001019.D
 Acq: 20 Apr 2018 19:41

Tgt Ion: 114 Resp: 328011
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.0 0.0 29.8

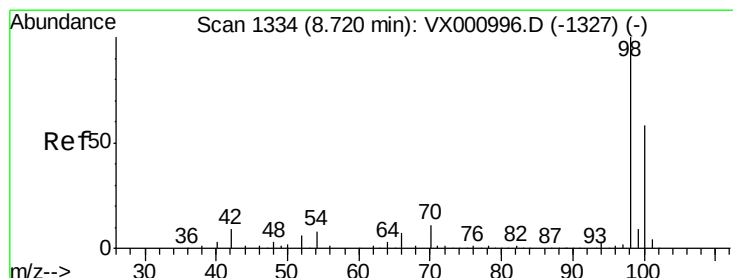
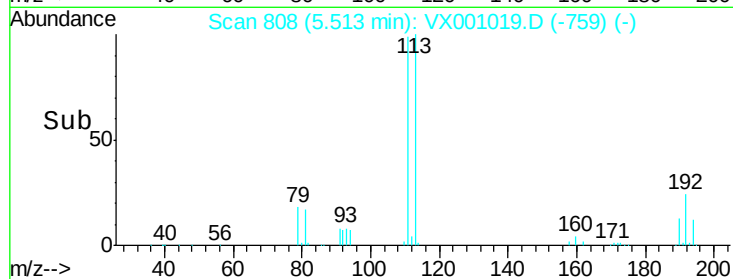
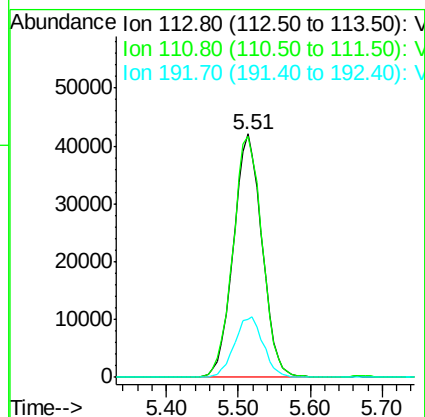
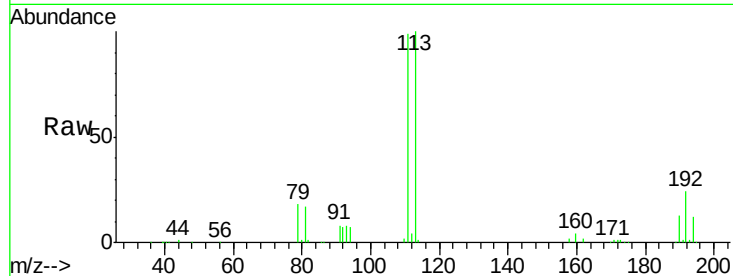




#35
 Dibromofluoromethane
 Concen: 46.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001019.D
 Acq: 20 Apr 2018 19:41

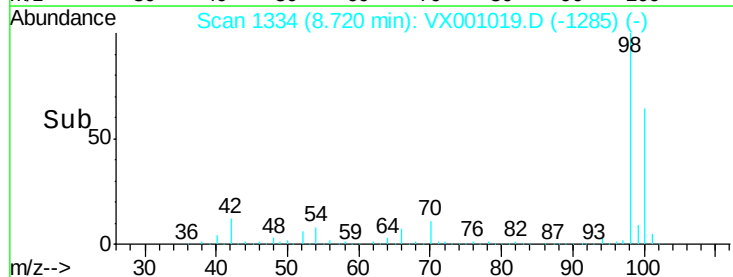
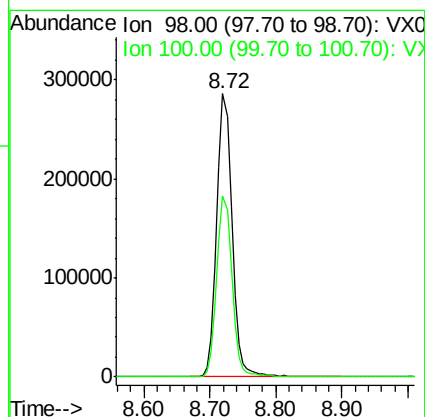
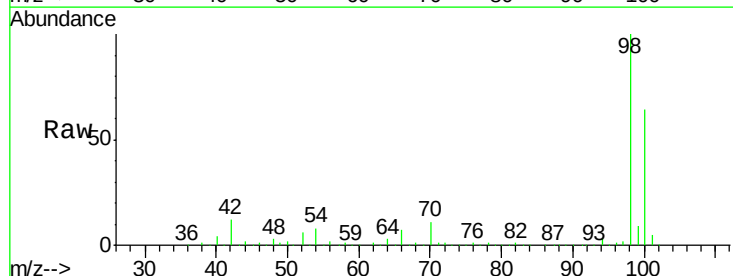
Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-180418

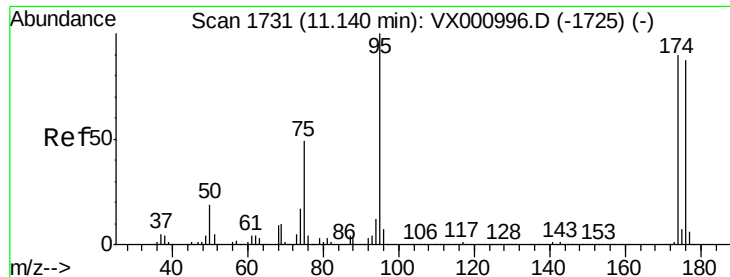
Tot Ion:113 Resp: 116072
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.4 122.2
 192 24.9 20.4 30.6



#50
 Toluene-d8
 Concen: 49.79 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001019.D
 Acq: 20 Apr 2018 19:41

Tgt Ion: 98 Resp: 460500
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001019.D

Acq: 20 Apr 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180418

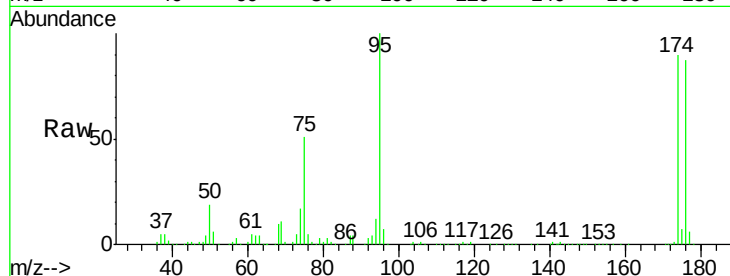
Tot Ion: 95 Resp: 179364

Ion Ratio Lower Upper

95 100

174 96.8 0.0 198.4

176 94.5 0.0 192.0

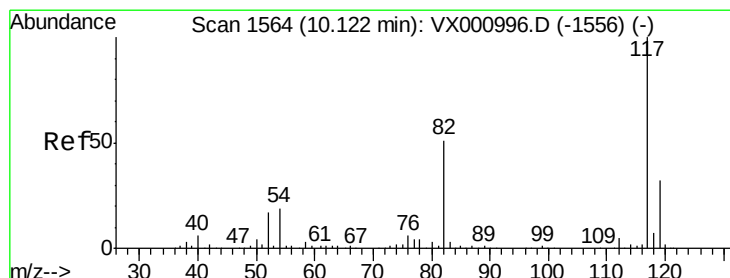
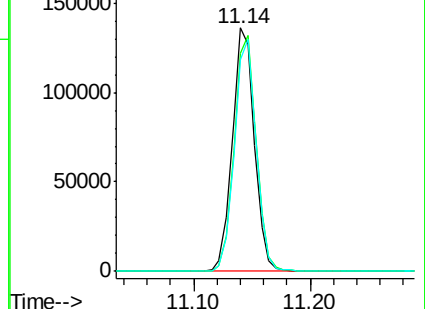
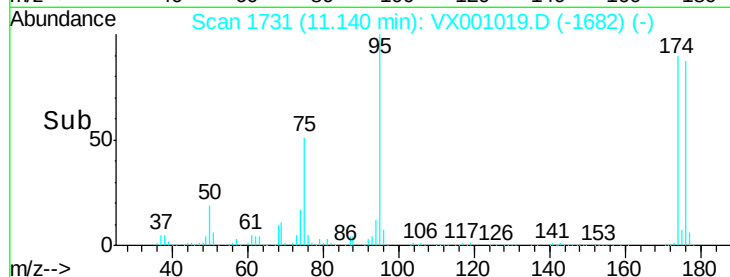


Abundance Ion 94.90 (94.60 to 95.60): VX000996.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000996.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000996.D (-1725) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001019.D

Acq: 20 Apr 2018 19:41

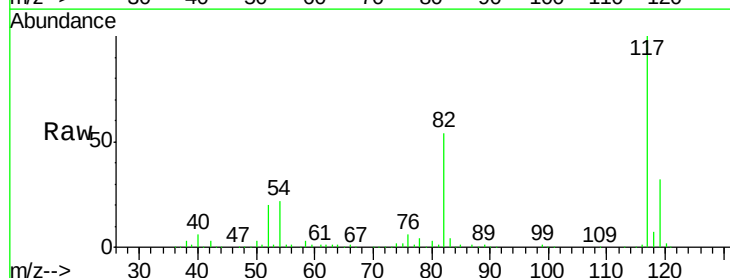
Tgt Ion: 117 Resp: 306387

Ion Ratio Lower Upper

117 100

82 53.9 40.6 60.8

119 31.7 26.0 39.0

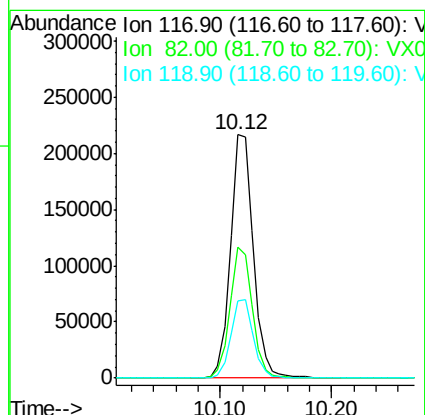
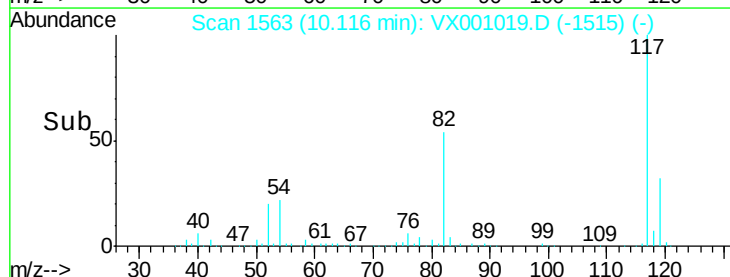


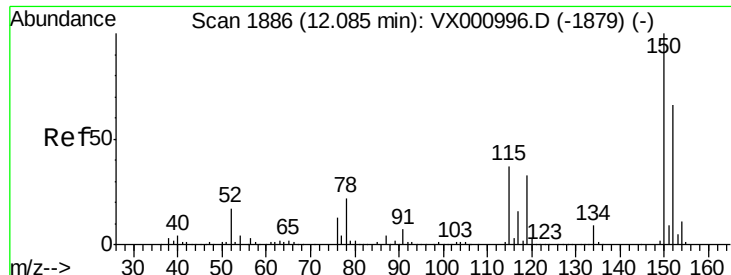
Abundance Ion 116.90 (116.60 to 117.60): VX000996.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000996.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000996.D (-1556) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001019.D

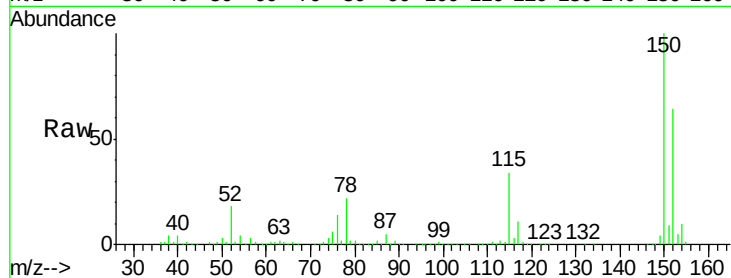
Acq: 20 Apr 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-180418



Tot Ion:152 Resp: 201549

Ion Ratio Lower Upper

152 100

115 53.6 38.2 114.6

150 155.9 0.0 350.4

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

