

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052419\
 Data File : VX009888.D
 Acq On : 24 May 2019 15:47
 Operator : JC/SP
 Sample : K3015-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Quant Time: May 25 01:23:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

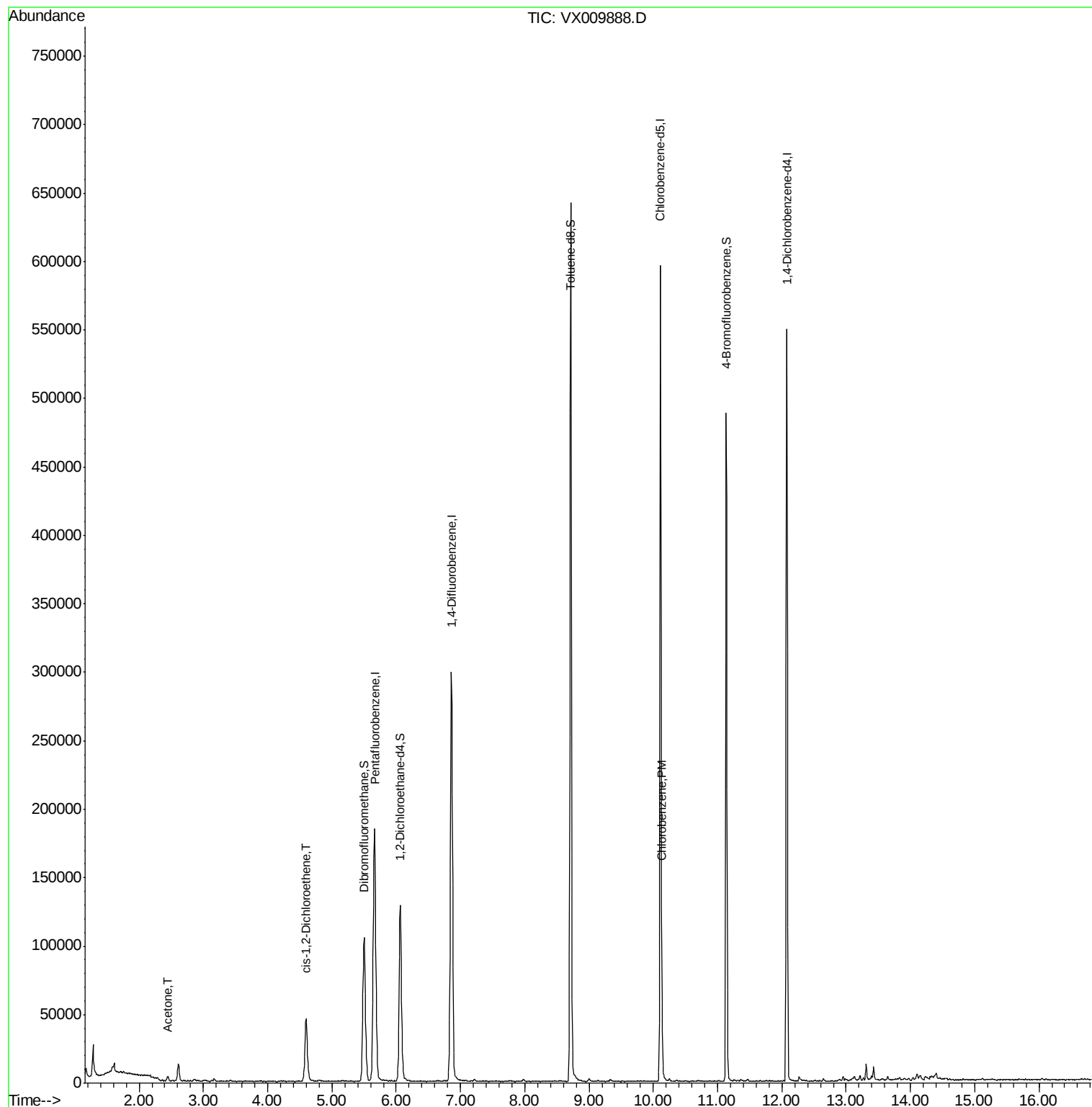
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122979	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	5.50	113	88916	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	365793	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	123380	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
Target Compounds						
16) Acetone	2.45	43	3665	2.807	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	27693	12.801	ug/l	92
65) Chlorobenzene	10.13	112	11095	2.148	ug/l	100

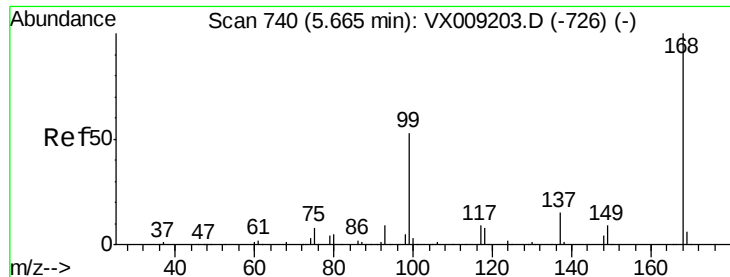
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VX009888.D

Acq: 24 May 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

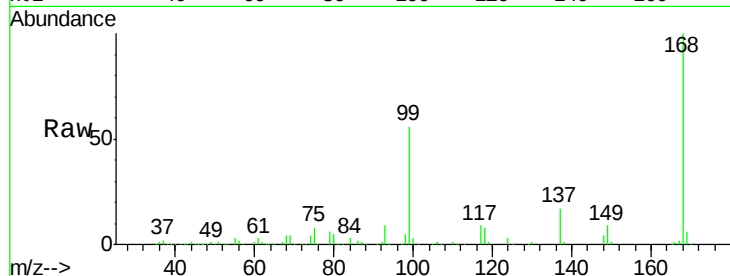
OUTFALL001-WK-4

Tot Ion:168 Resp: 178111

Ion Ratio Lower Upper

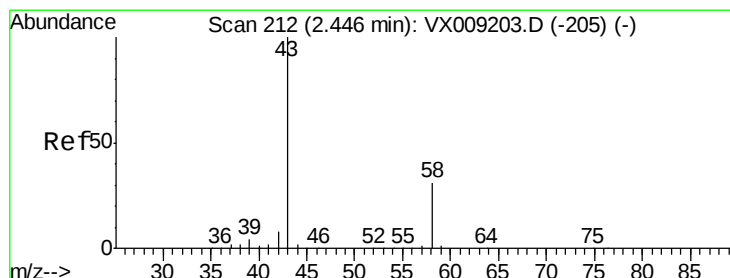
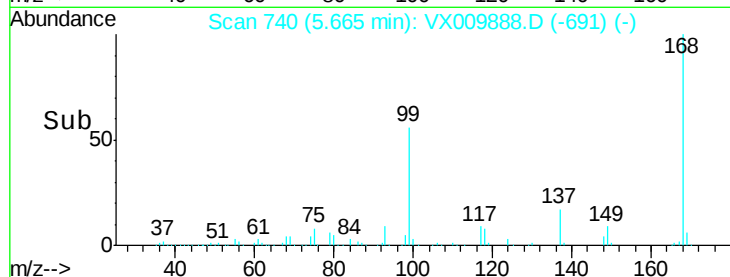
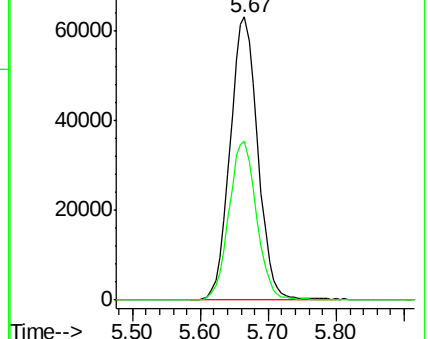
168 100

99 56.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.807 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009888.D

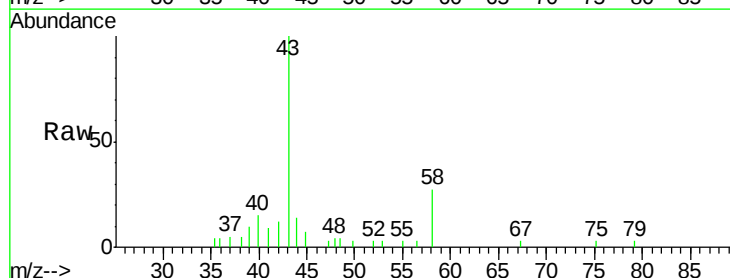
Acq: 24 May 2019 15:47

Tgt Ion: 43 Resp: 3665

Ion Ratio Lower Upper

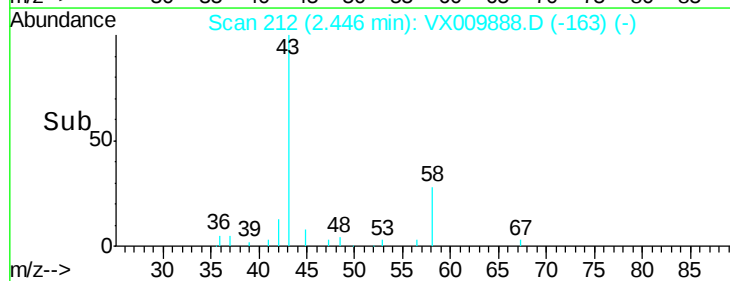
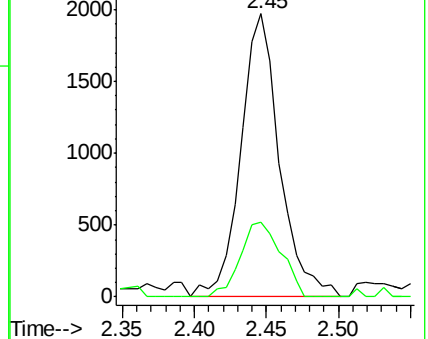
43 100

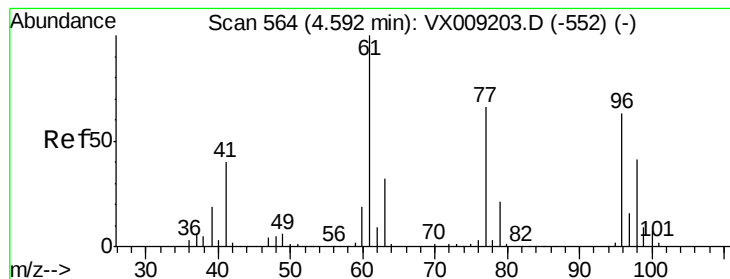
58 26.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



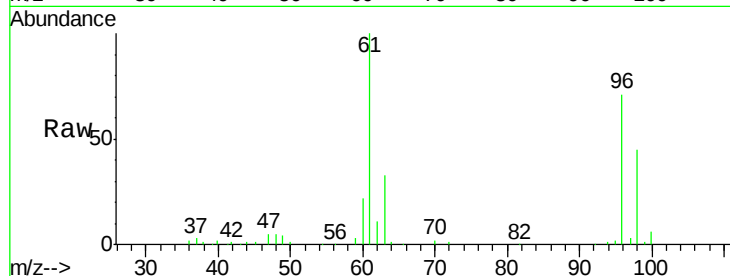


#27

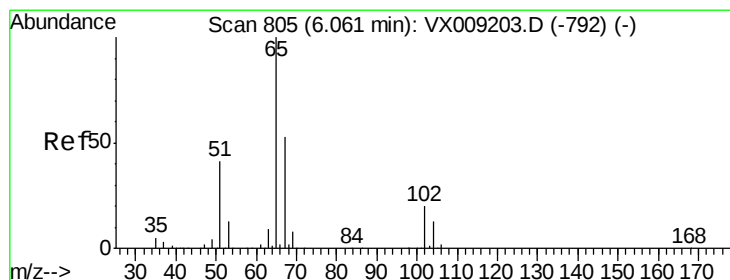
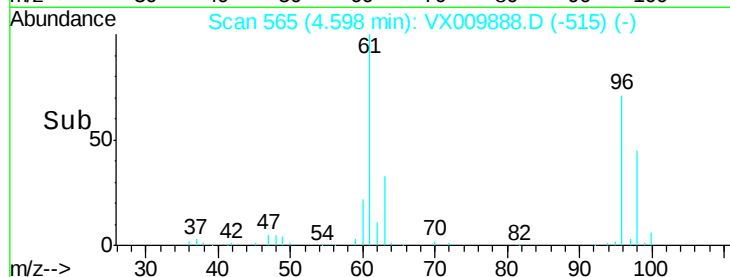
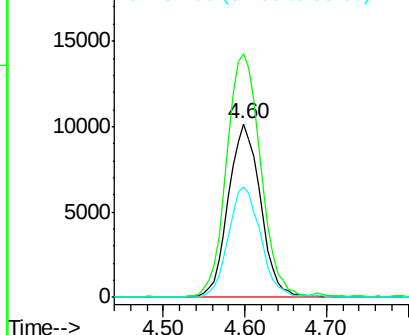
cis-1,2-Dichloroethene
Concen: 12.801 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009888.D
Acq: 24 May 2019 15:47

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-4

Tot Ion: 96 Resp: 27693
Ion Ratio Lower Upper
96 100
61 148.7 0.0 324.0
98 64.0 0.0 130.4



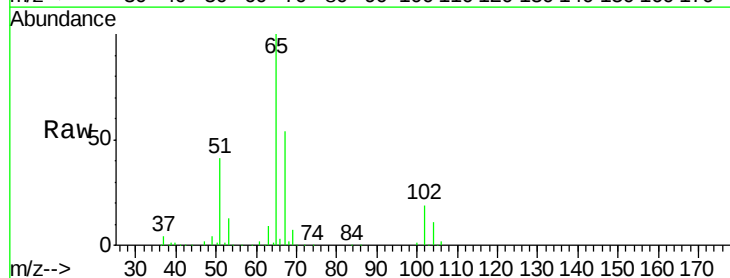
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



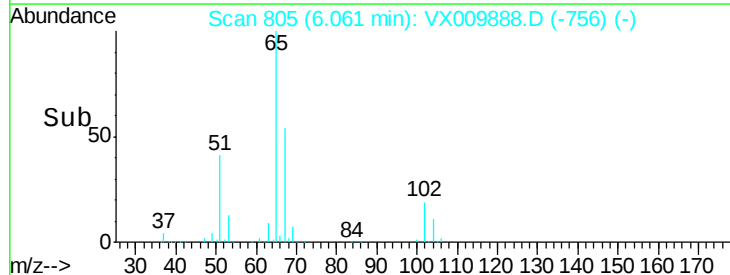
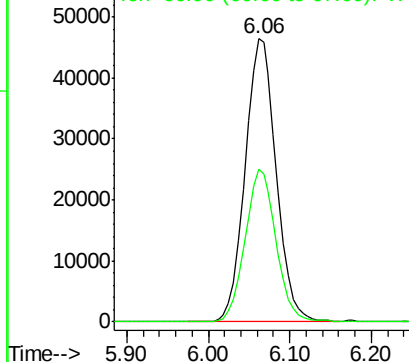
#33

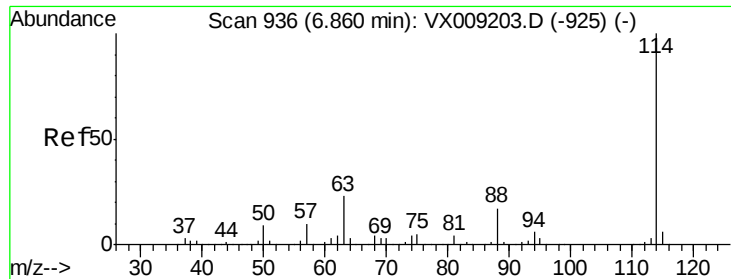
1,2-Dichloroethane-d4
Concen: 50.579 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009888.D
Acq: 24 May 2019 15:47

Tgt Ion: 65 Resp: 122979
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6



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

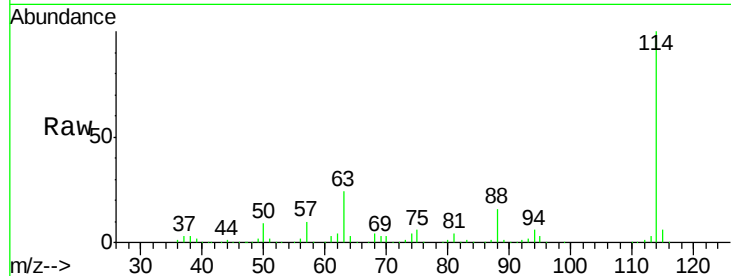




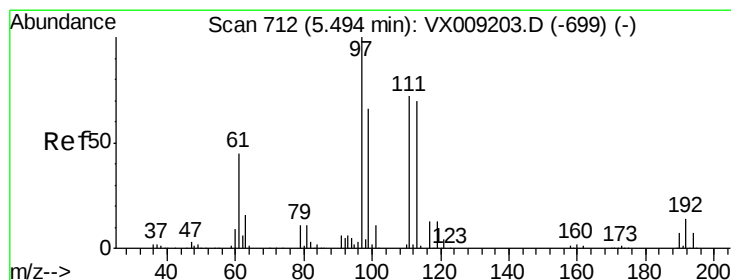
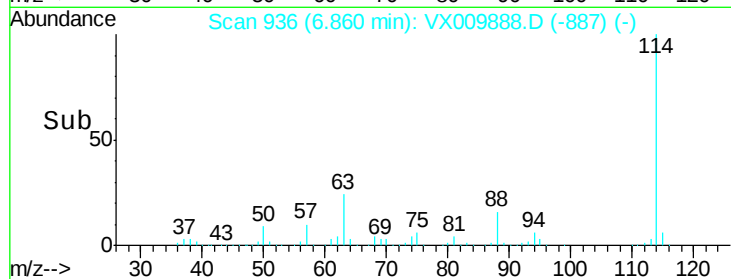
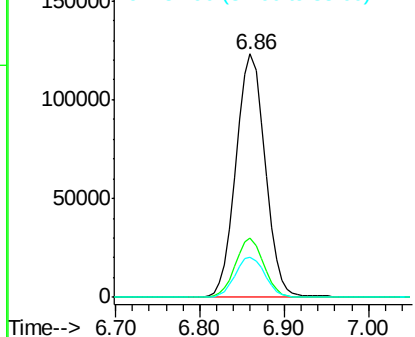
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009888.D
 Acq: 24 May 2019 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	45.6
88	16.2	0.0	33.2

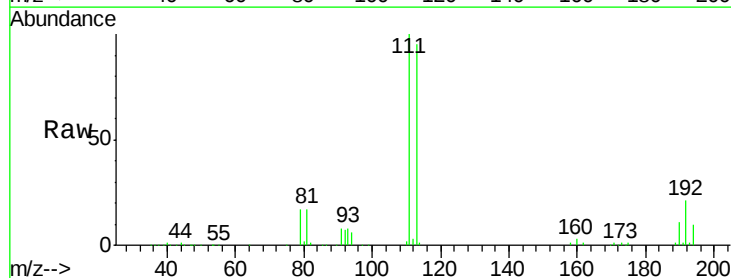


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

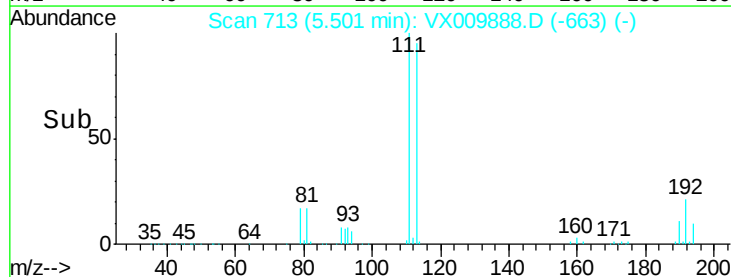
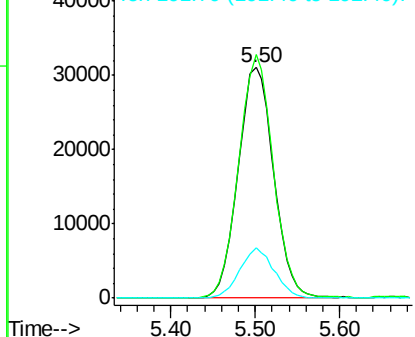


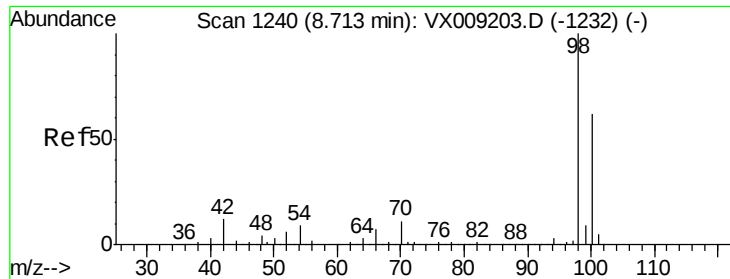
#35
 Dibromofluoromethane
 Concen: 49.050 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009888.D
 Acq: 24 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.1	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: 49.982 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009888.D

Acq: 24 May 2019 15:47

Instrument :

MSVOA_X

ClientSampleId :

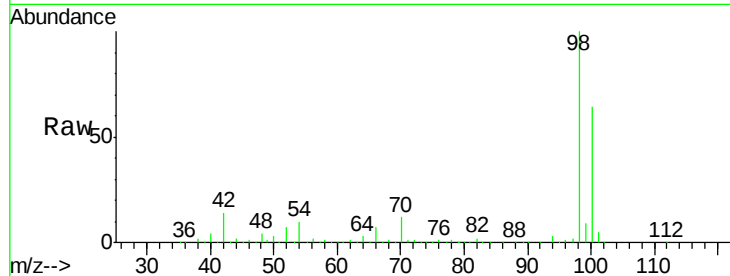
OUTFALL001-WK-4

Tot Ion: 98 Resp: 365793

Ion Ratio Lower Upper

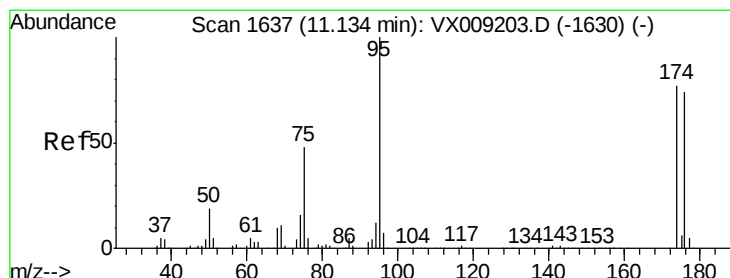
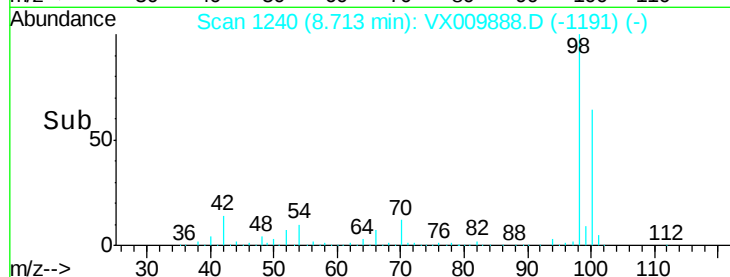
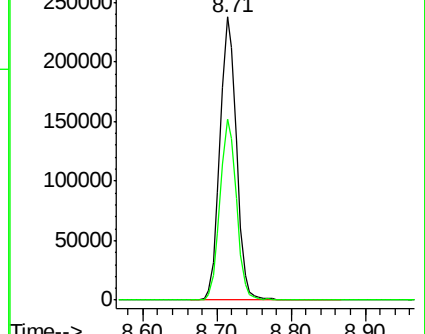
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.396 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009888.D

Acq: 24 May 2019 15:47

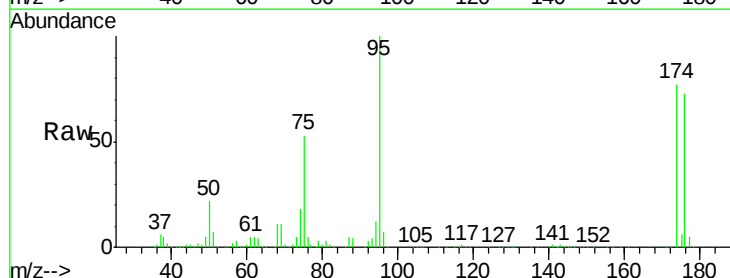
Tgt Ion: 95 Resp: 123380

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.6

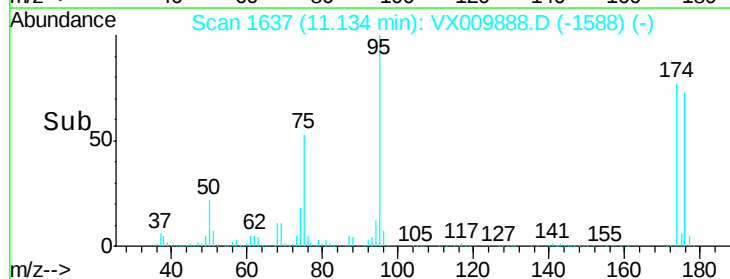
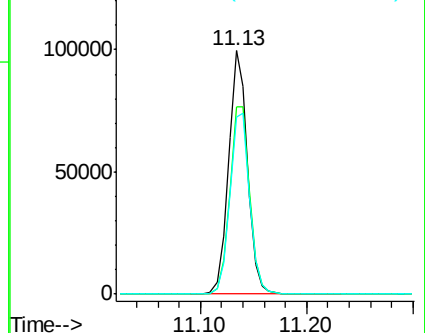
176 78.3 0.0 159.2

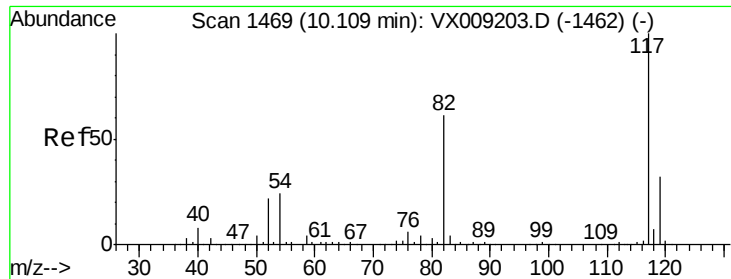


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

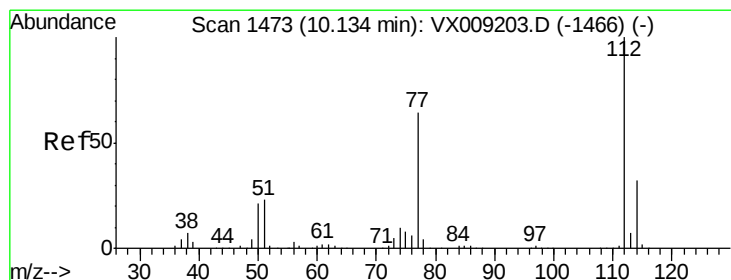
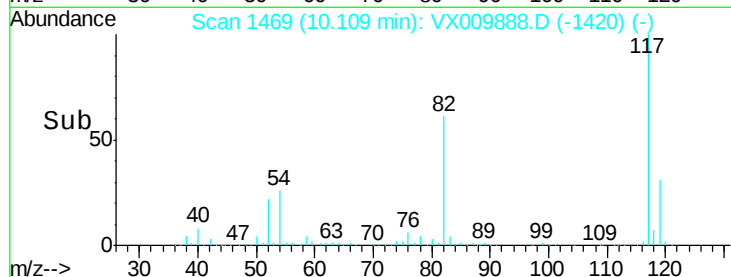
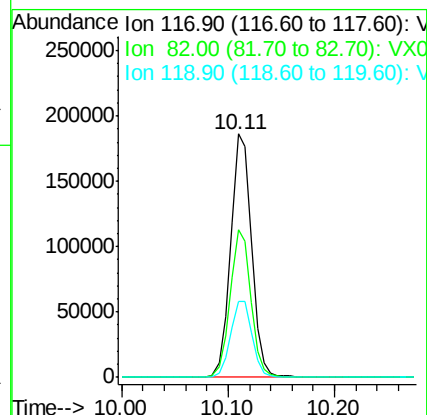
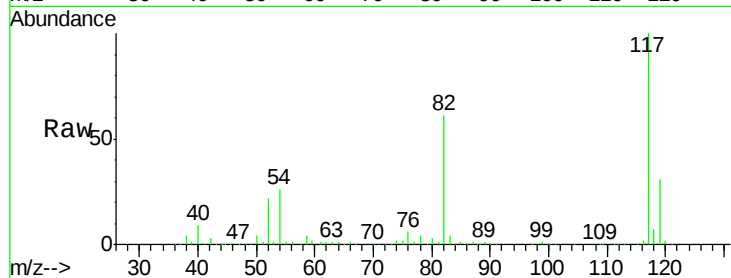




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009888.D
Acq: 24 May 2019 15:47

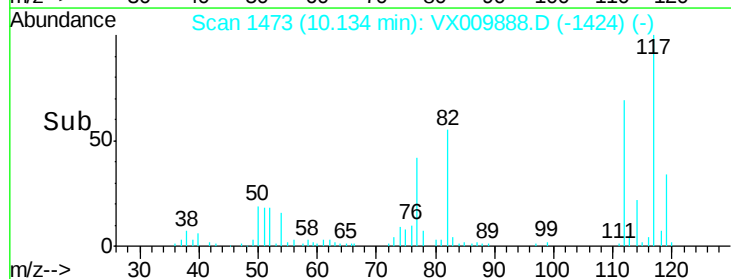
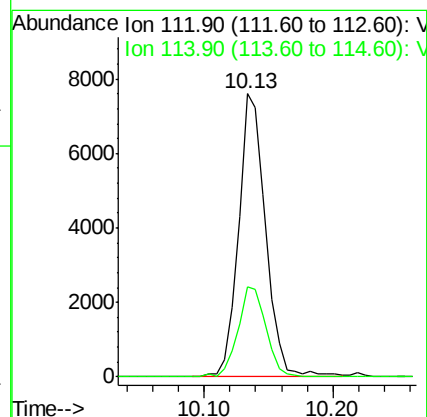
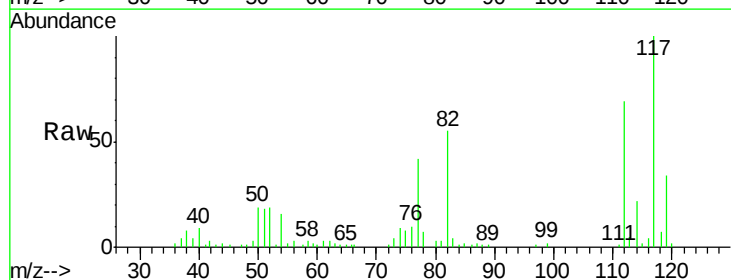
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-4

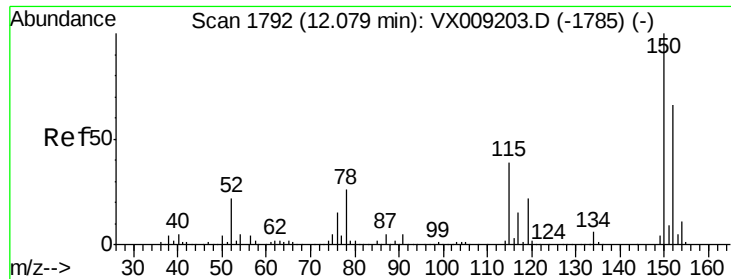
Tot Ion:117 Resp: 258247
Ion Ratio Lower Upper
117 100
82 60.9 48.8 73.2
119 31.4 25.8 38.6



#65
Chlorobenzene
Concen: 2.148 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009888.D
Acq: 24 May 2019 15:47

Tgt Ion:112 Resp: 11095
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

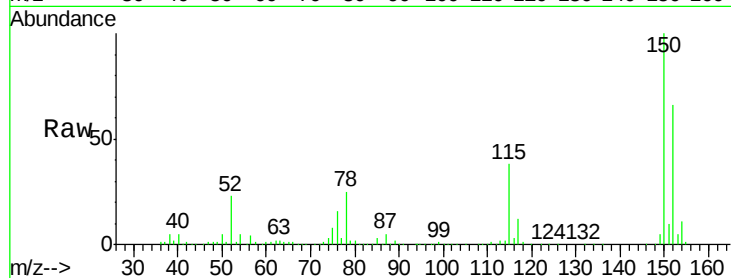




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009888.D
 Acq: 24 May 2019 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.2	123.6
150	154.4	0.0	346.4



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

