

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009923.D
 Acq On : 28 May 2019 18:30
 Operator : JC/SP
 Sample : K3015-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Quant Time: May 29 05:06:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

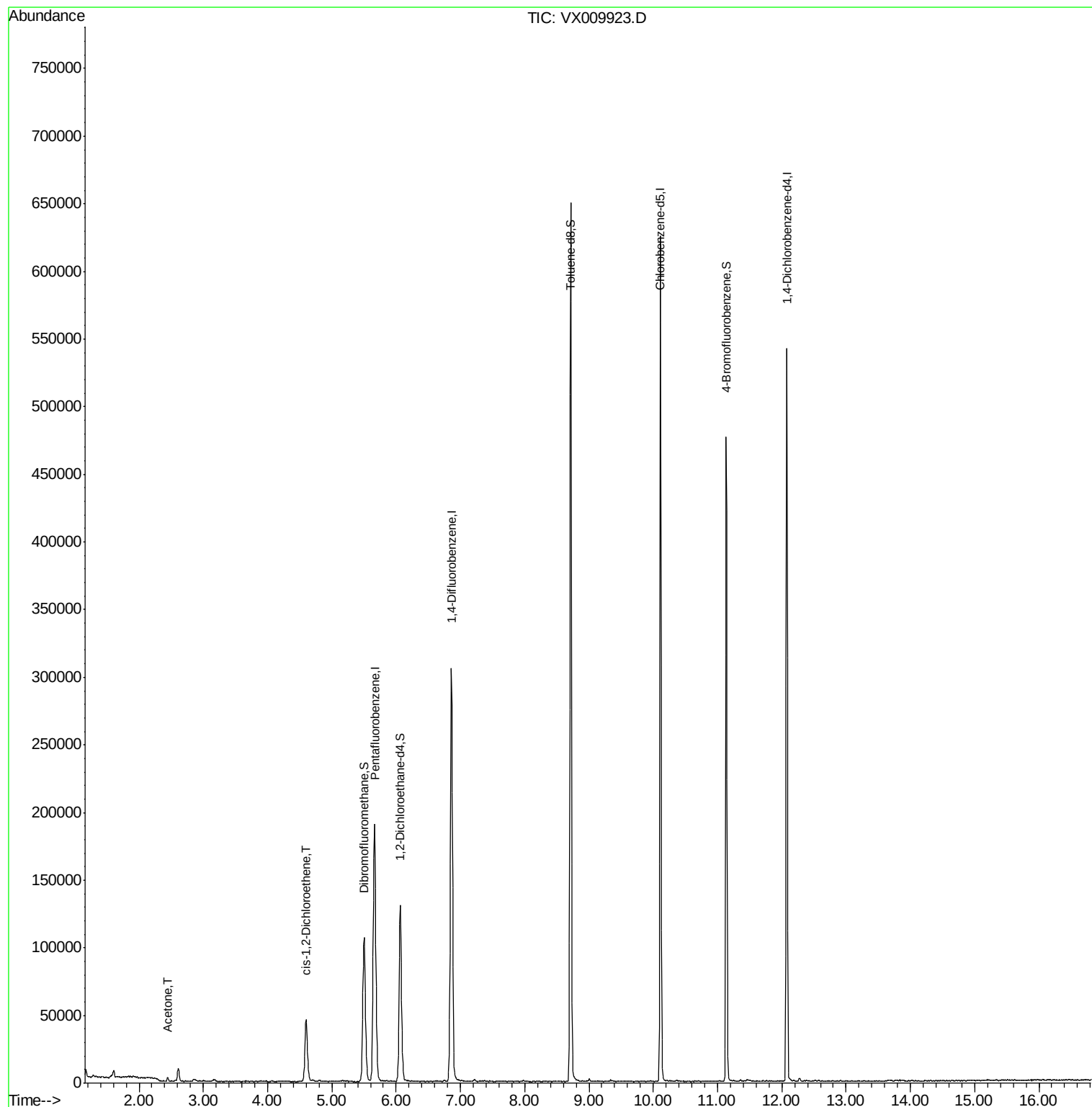
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	182220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124460	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	5.50	113	90626	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	374664	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	123862	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
16) Acetone	2.45	43	3503	2.355	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	28509	12.028	ug/l	89

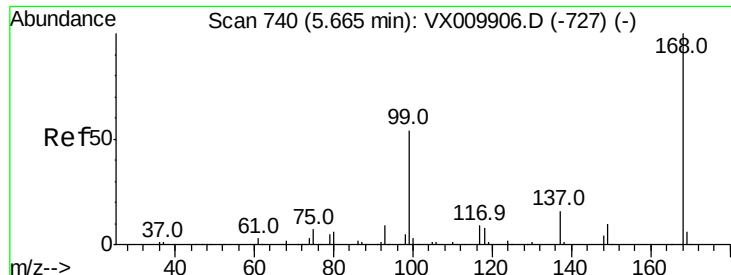
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009923.D

Acq: 28 May 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

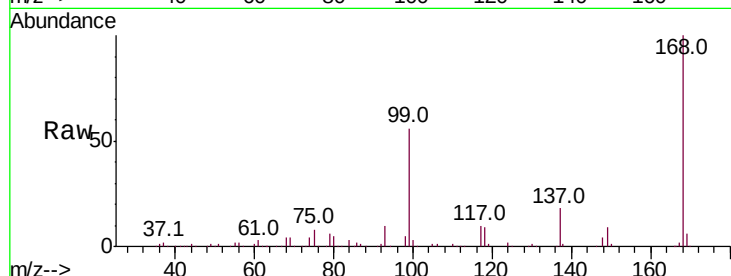
OUTFALL001-WK-4

Tot Ion:168 Resp: 182220

Ion Ratio Lower Upper

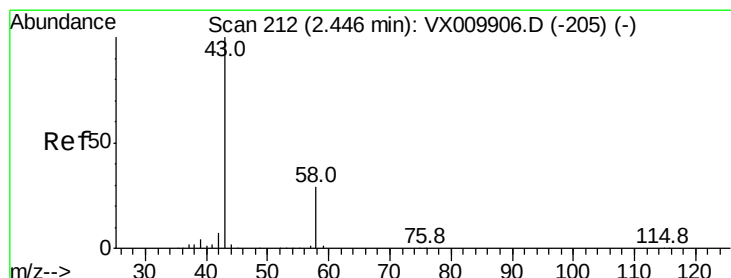
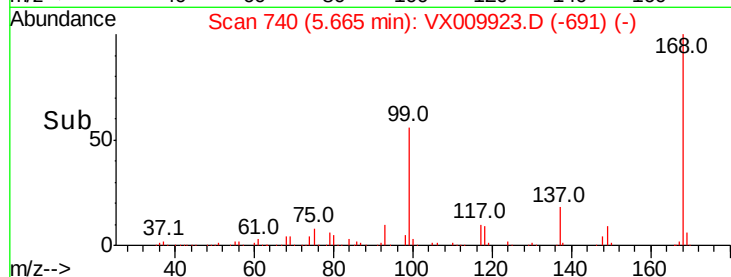
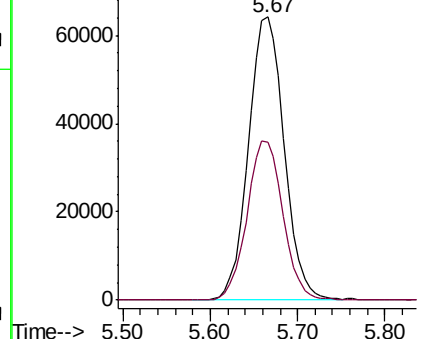
168 100

99 56.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.355 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009923.D

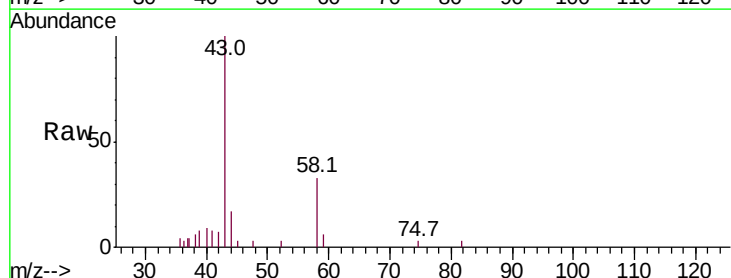
Acq: 28 May 2019 18:30

Tgt Ion: 43 Resp: 3503

Ion Ratio Lower Upper

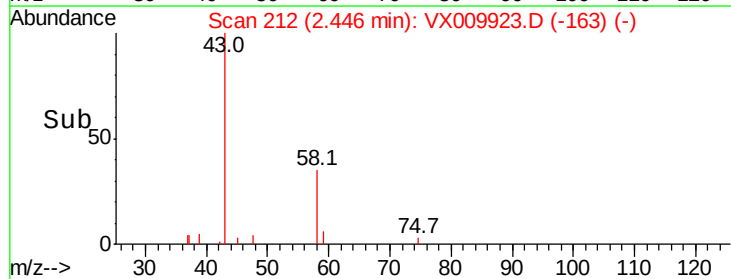
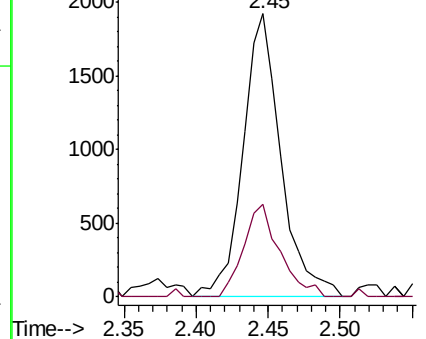
43 100

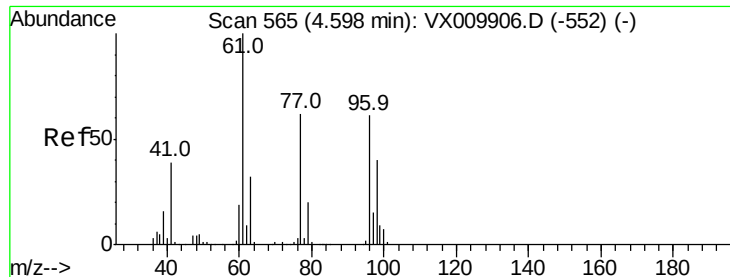
58 32.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



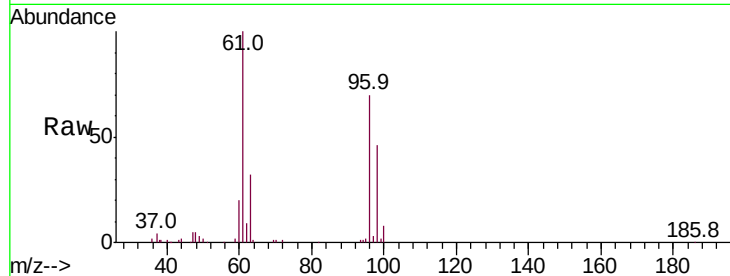


#27

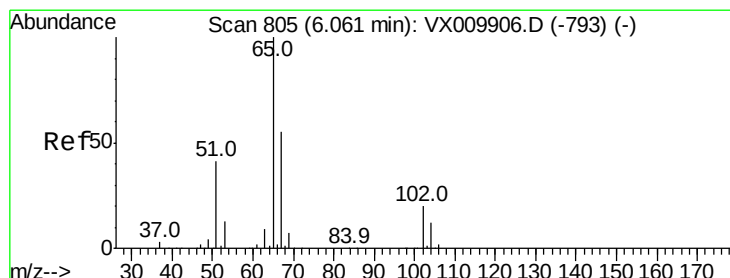
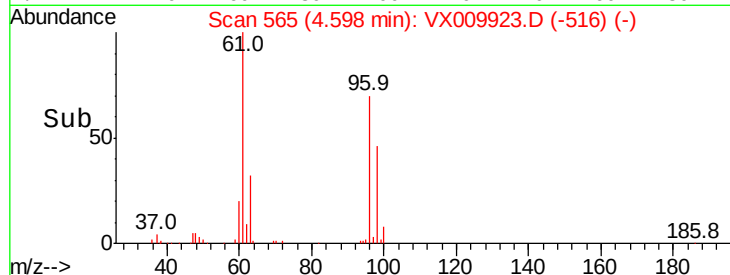
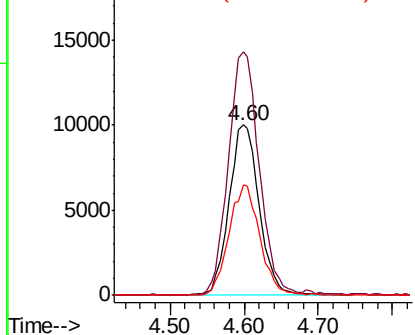
cis-1,2-Dichloroethene
 Concen: 12.028 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009923.D
 Acq: 28 May 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion	96	Resp	28509
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	334.0
98	65.7	0.0	131.6



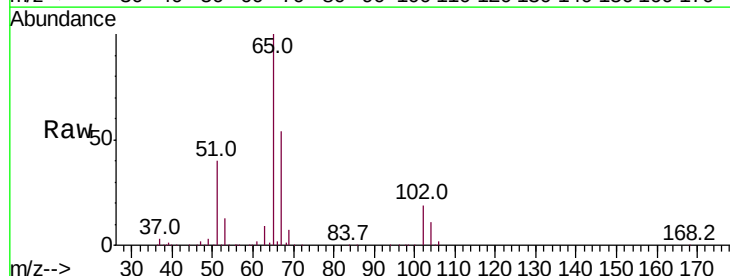
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



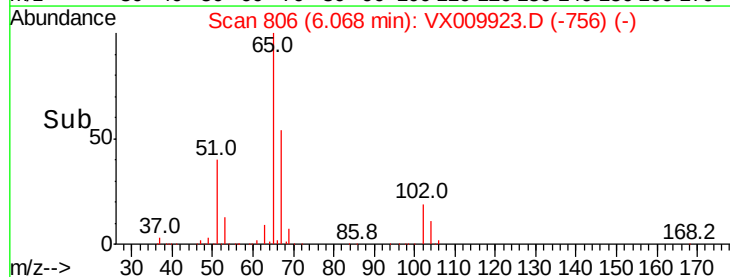
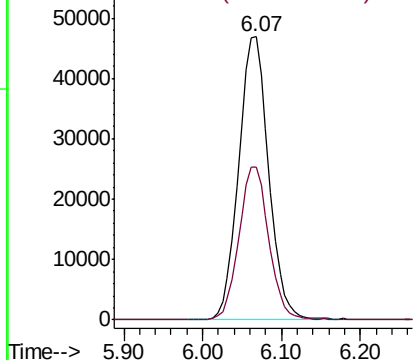
#33

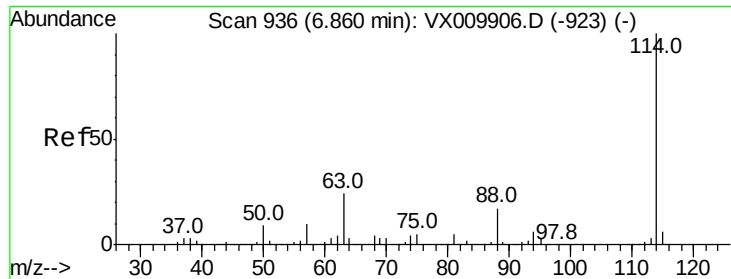
1,2-Dichloroethane-d4
 Concen: 48.352 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009923.D
 Acq: 28 May 2019 18:30

Tgt Ion	65	Resp	124460
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.4



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

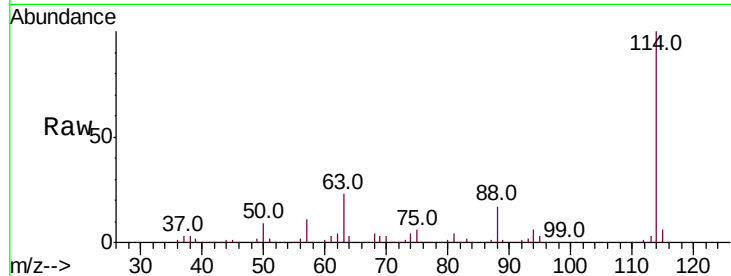




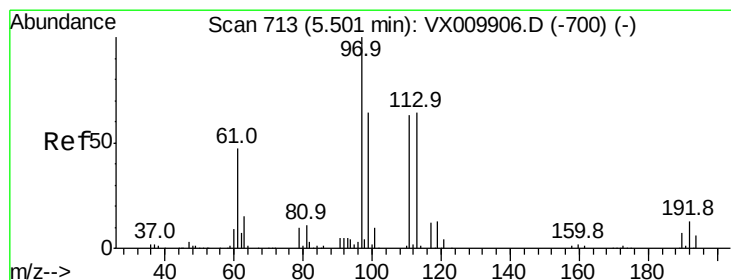
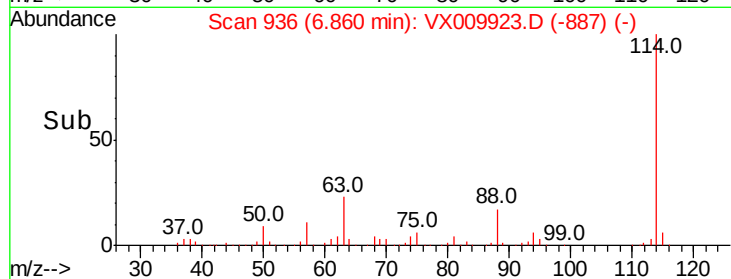
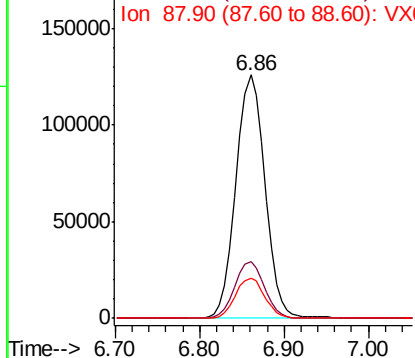
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009923.D
 Acq: 28 May 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion:114 Resp: 294028
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.4
 88 16.6 0.0 33.0

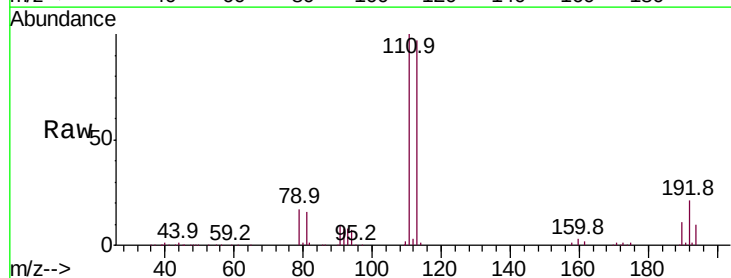


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

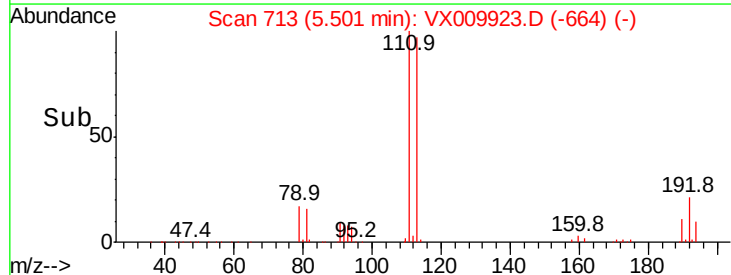
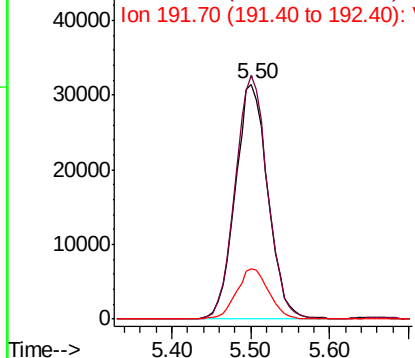


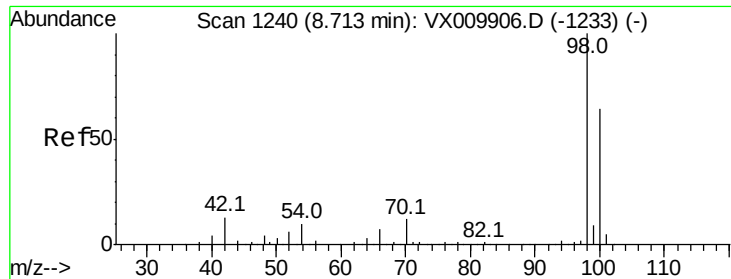
#35
 Dibromofluoromethane
 Concen: 49.025 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009923.D
 Acq: 28 May 2019 18:30

Tgt Ion:113 Resp: 90626
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 21.2 17.1 25.7



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: 49.911 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009923.D

Acq: 28 May 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

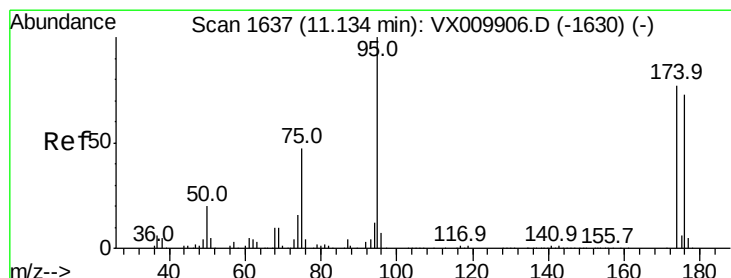
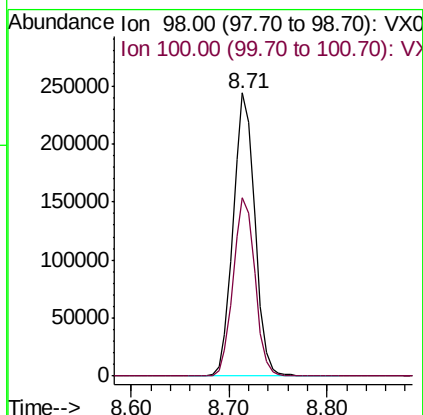
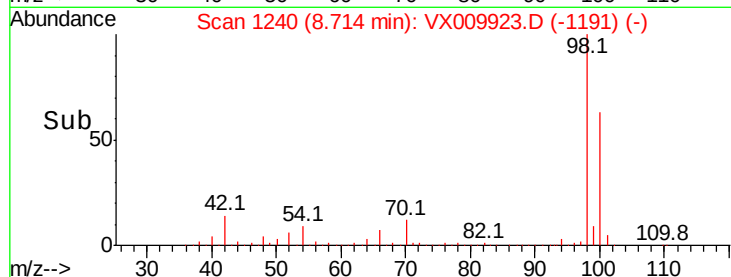
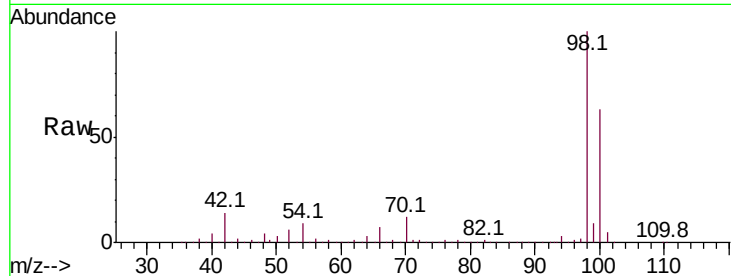
OUTFALL001-WK-4

Tot Ion: 98 Resp: 374664

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.939 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009923.D

Acq: 28 May 2019 18:30

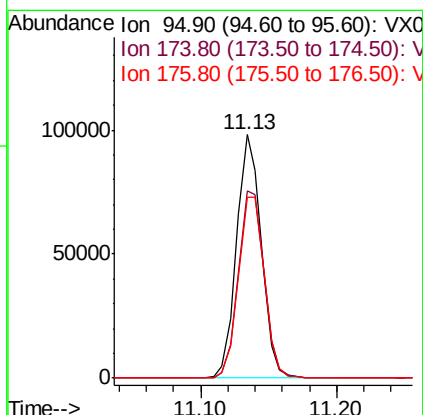
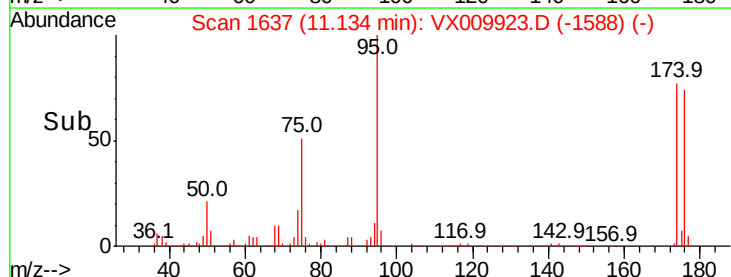
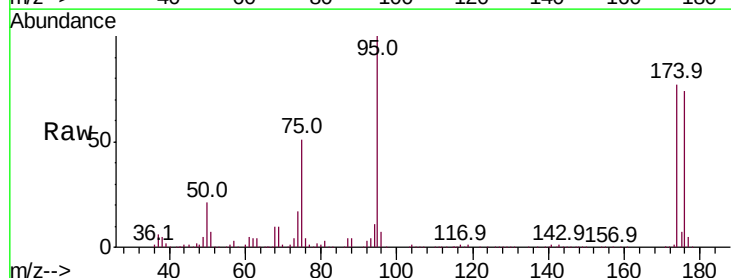
Tgt Ion: 95 Resp: 123862

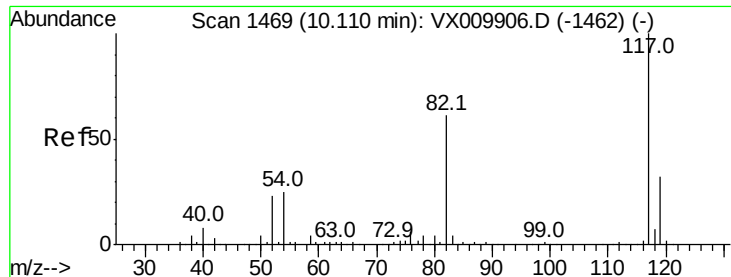
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.4

176 78.9 0.0 154.6

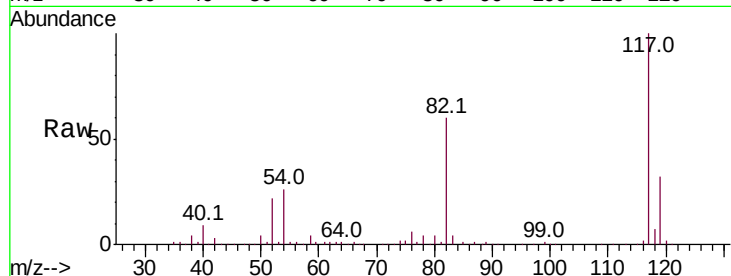




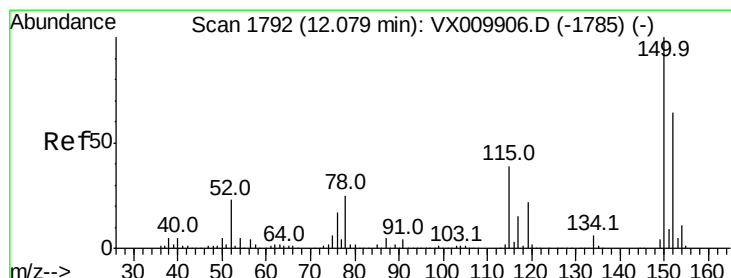
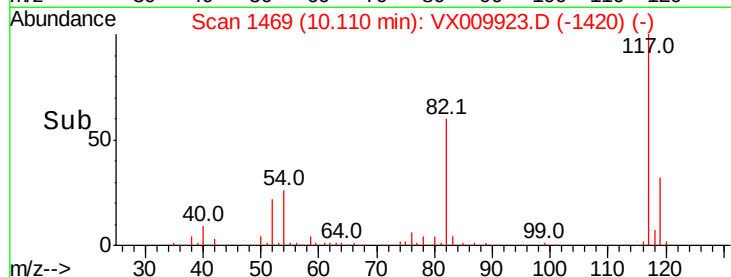
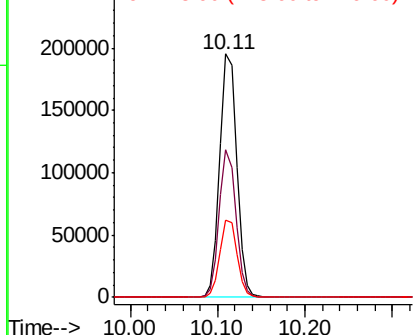
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009923.D
Acq: 28 May 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-WK-4

Tot Ion:117 Resp: 264064
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 32.0 25.2 37.8

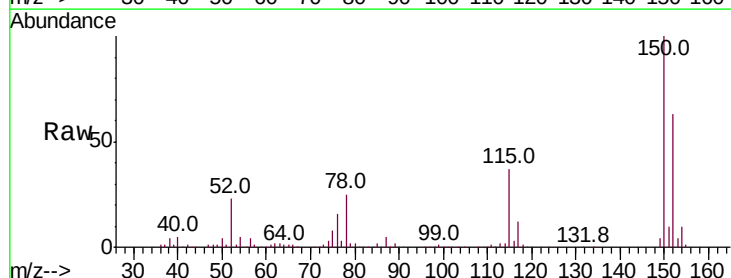


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009923.D
Acq: 28 May 2019 18:30

Tgt Ion:152 Resp: 111363
Ion Ratio Lower Upper
152 100
115 59.2 41.4 124.2
150 155.9 0.0 345.2



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

