

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010933.D
 Acq On : 17 Jul 2019 14:10
 Operator : JC/SP
 Sample : K3856-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL001-190716

Quant Time: Jul 18 03:40:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

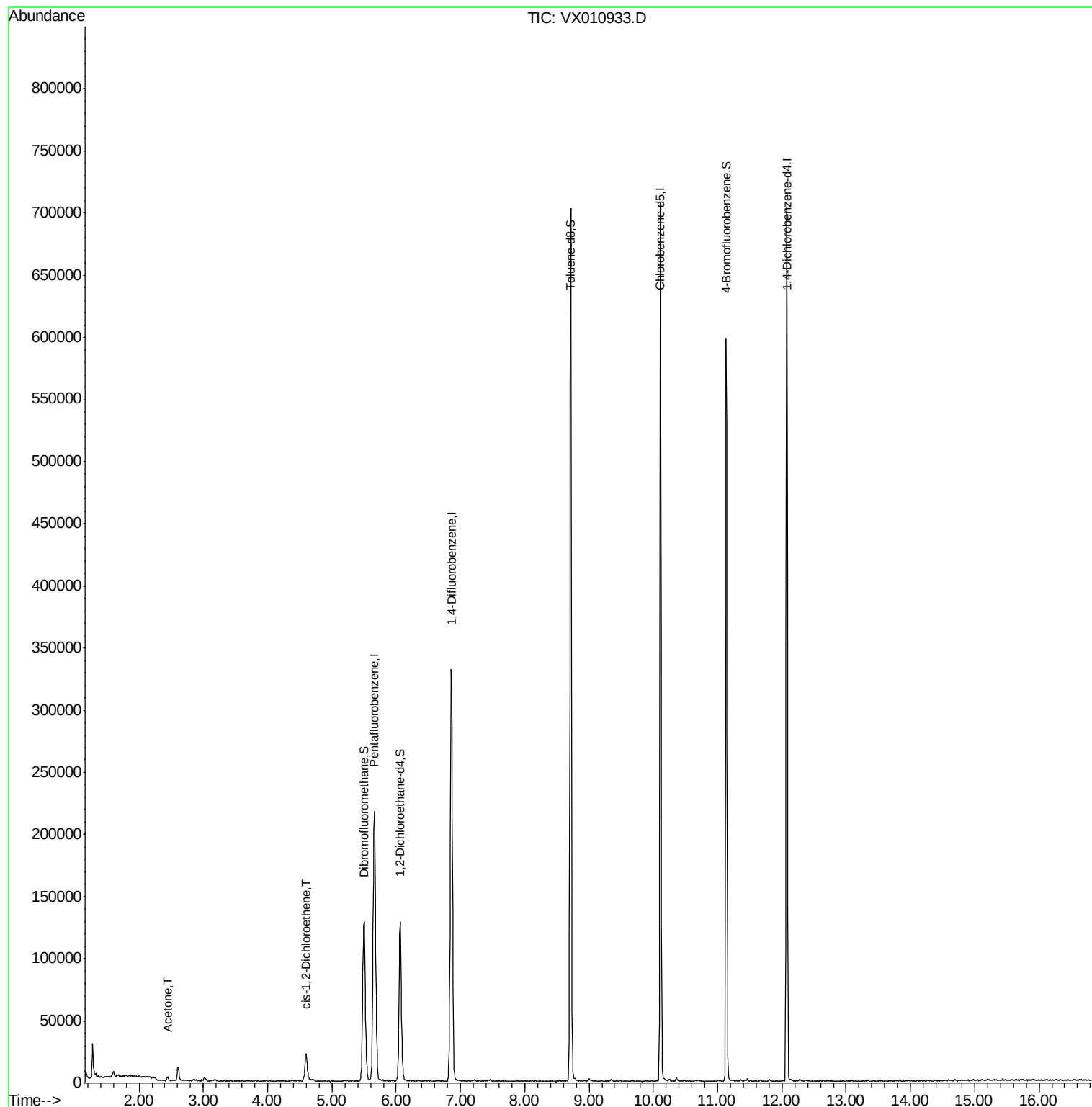
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	219767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349003	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117962	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	5.49	113	109588	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	419492	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	146810	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
Target Compounds						
16) Acetone	2.45	43	3244	3.072	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	14691	6.112	ug/l	90

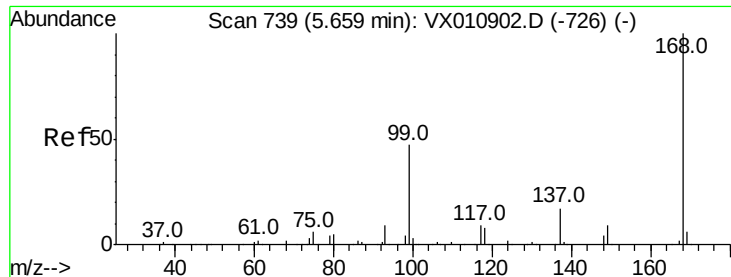
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010933.D

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MSVOA_X

ClientSampleId :

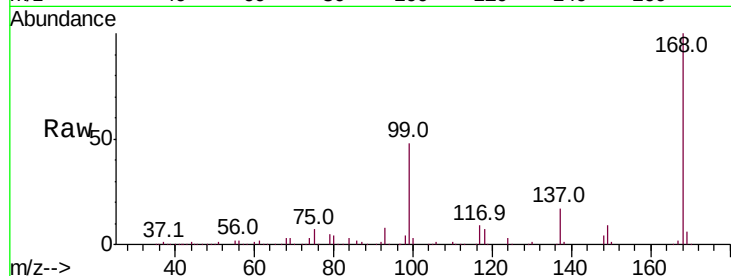
OUTFALL001-190716

Tot Ion:168 Resp: 219767

Ion Ratio Lower Upper

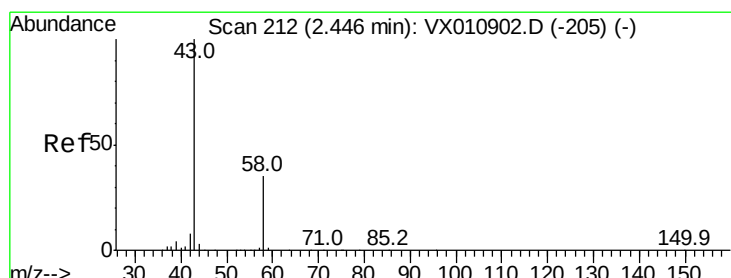
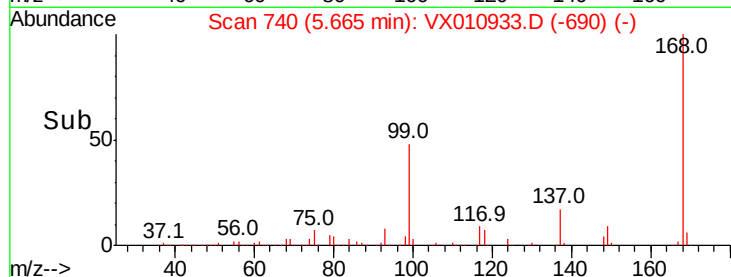
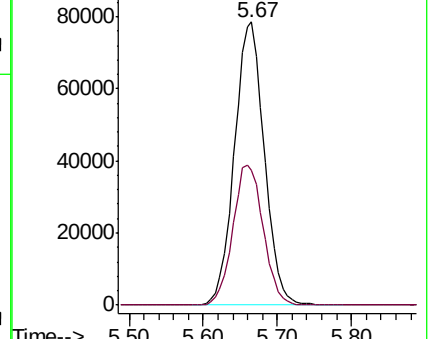
168 100

99 47.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.072 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010933.D

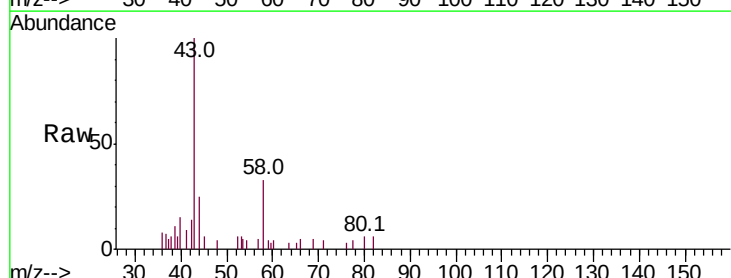
Acq: 17 Jul 2019 14:10

Tgt Ion: 43 Resp: 3244

Ion Ratio Lower Upper

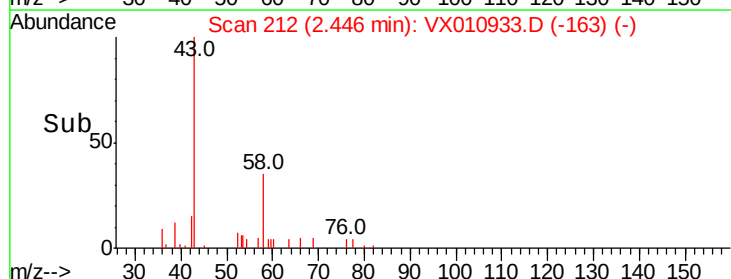
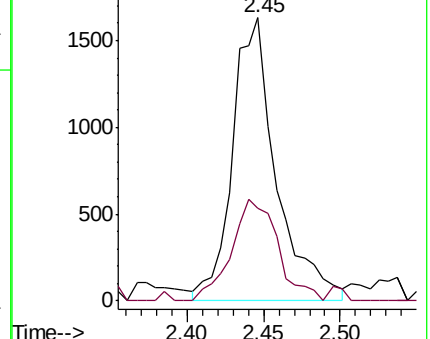
43 100

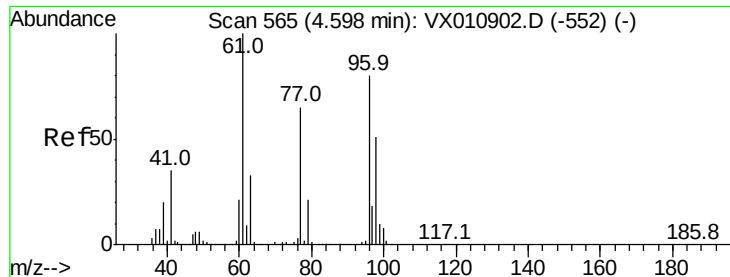
58 33.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



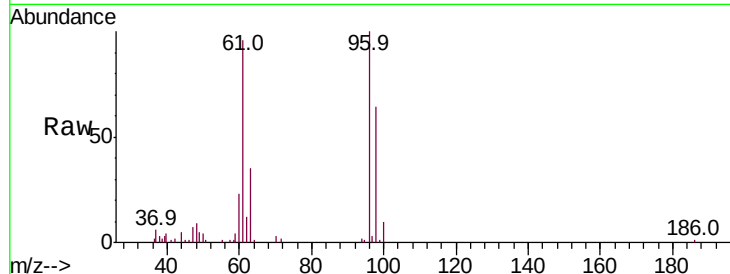


#27

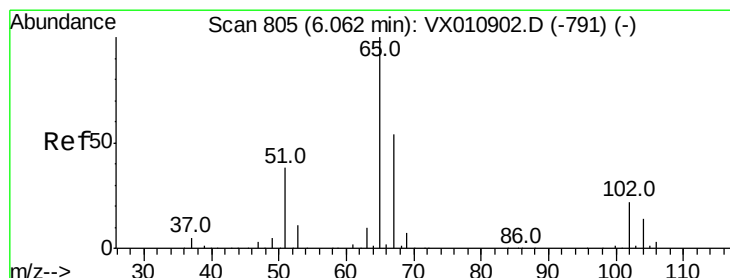
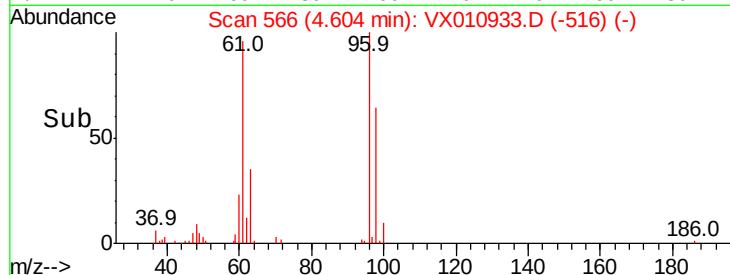
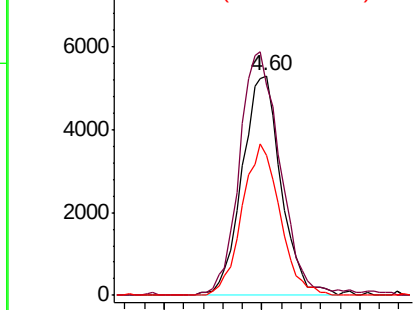
cis-1,2-Dichloroethene
Concen: 6.112 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX010933.D
Acq: 17 Jul 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-190716

Tot Ion: 96 Resp: 14691
Ion Ratio Lower Upper
96 100
61 116.7 0.0 269.0
98 66.6 0.0 131.4



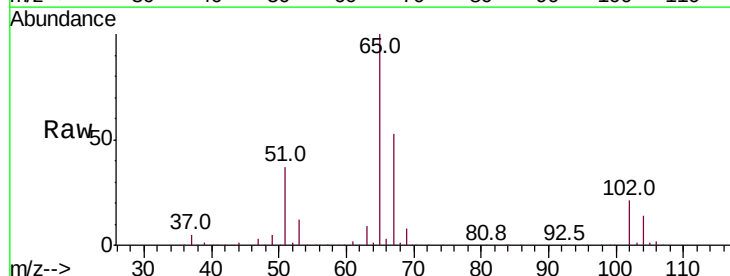
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



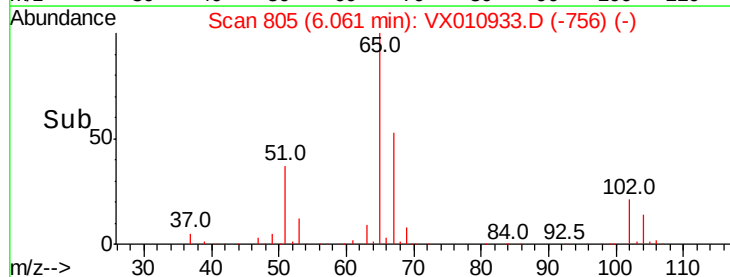
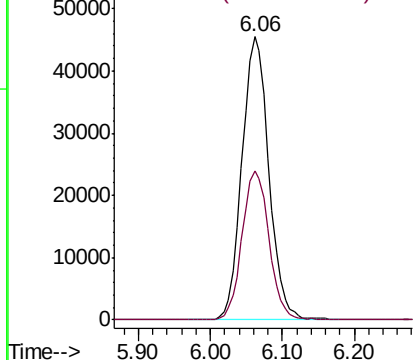
#33

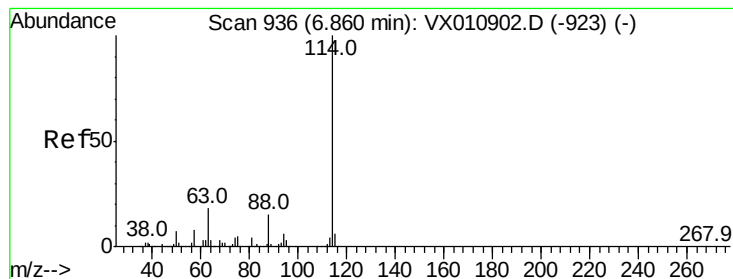
1,2-Dichloroethane-d4
Concen: 50.455 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010933.D
Acq: 17 Jul 2019 14:10

Tgt Ion: 65 Resp: 117962
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.8



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010933.D

Acq: 17 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

OUTFALL001-190716

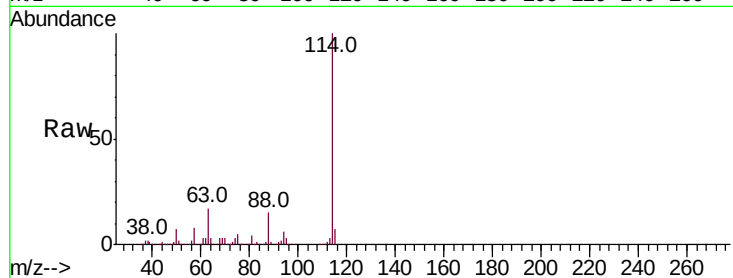
Tot Ion:114 Resp: 349003

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.6

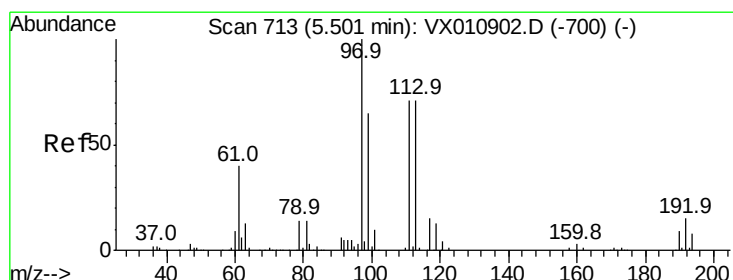
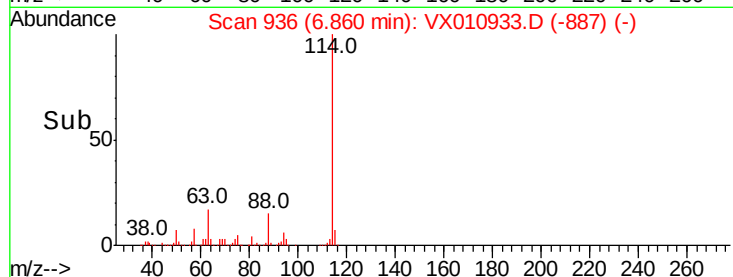
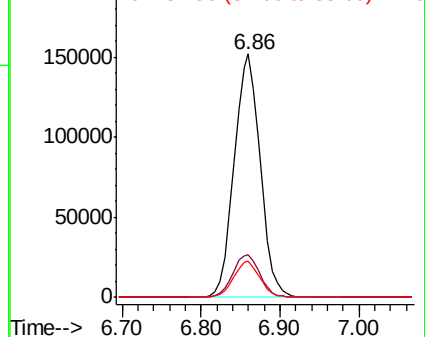
88 14.9 0.0 29.8



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: 49.471 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010933.D

Acq: 17 Jul 2019 14:10

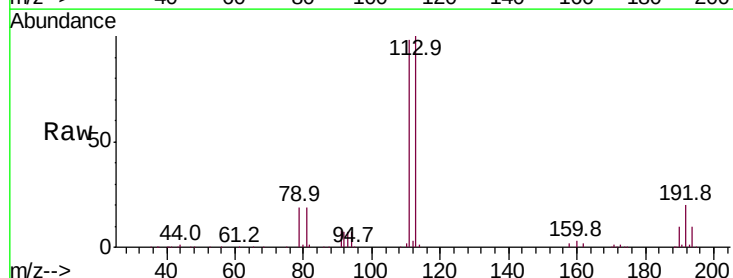
Tgt Ion:113 Resp: 109588

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

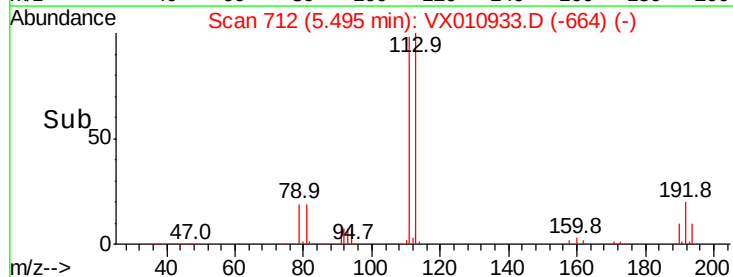
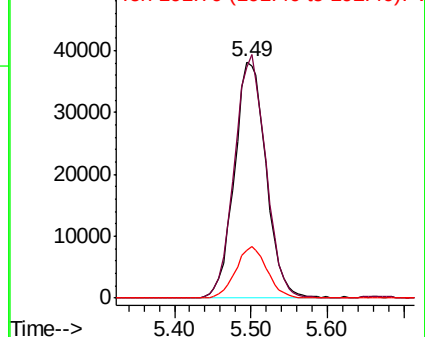
192 21.5 17.4 26.2

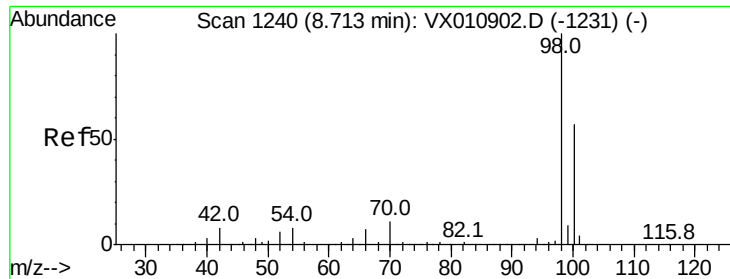


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.490 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010933.D

Acq: 17 Jul 2019 14:10

Instrument :

MSVOA_X

ClientSampleId :

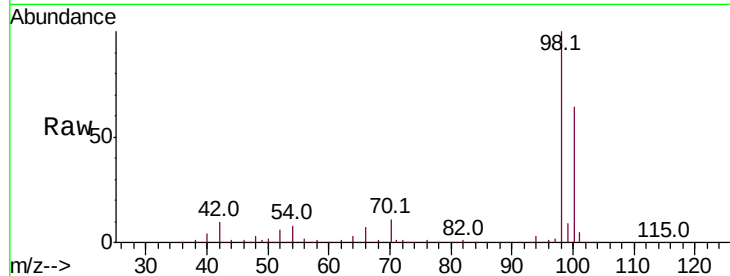
OUTFALL001-190716

Tot Ion: 98 Resp: 419492

Ion Ratio Lower Upper

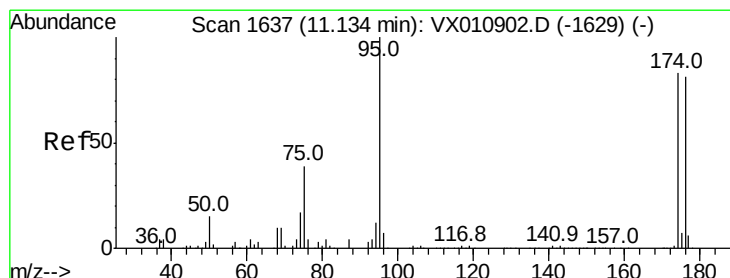
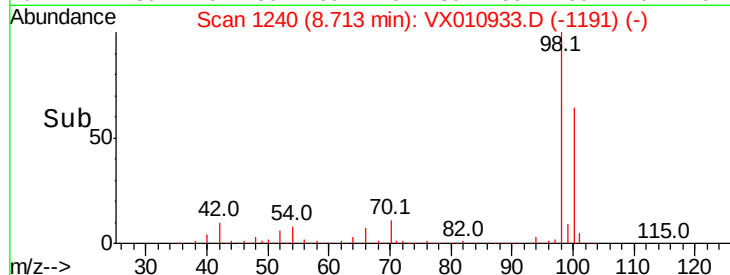
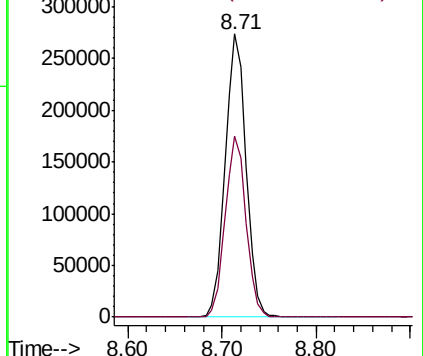
98 100

100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.073 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010933.D

Acq: 17 Jul 2019 14:10

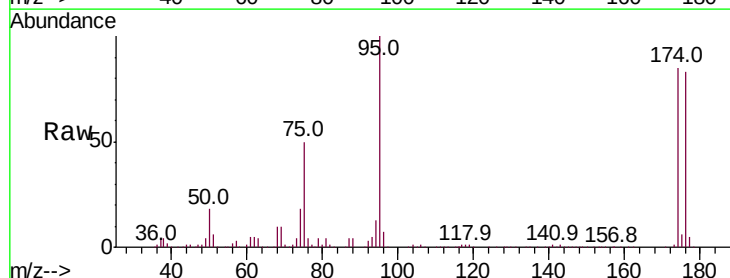
Tgt Ion: 95 Resp: 146810

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

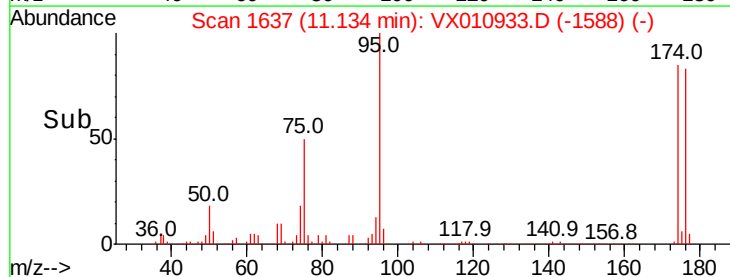
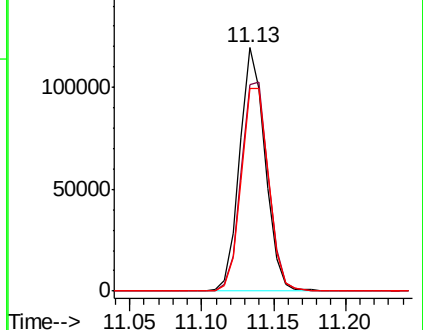
176 89.3 0.0 173.8

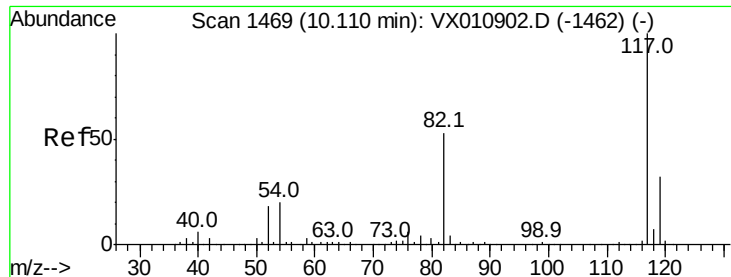


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

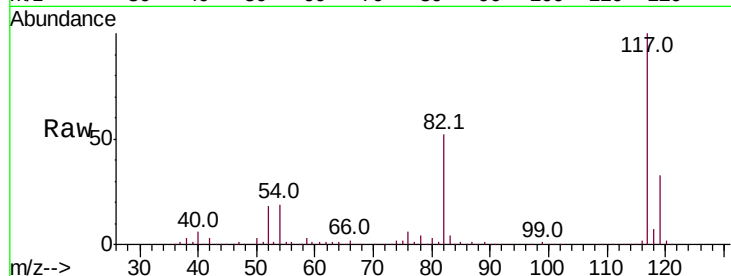




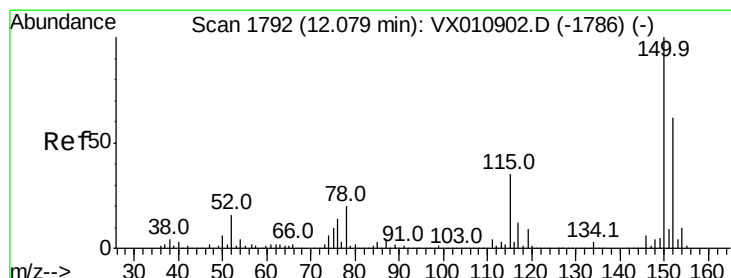
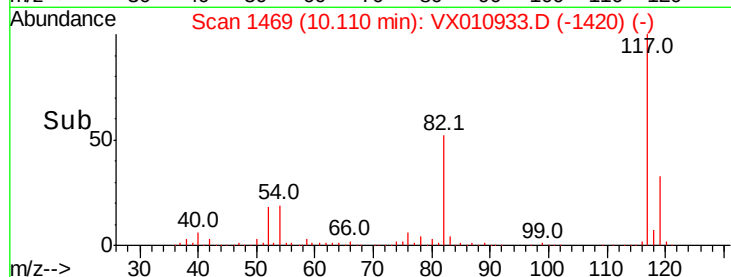
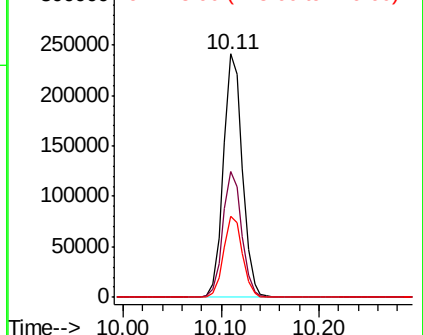
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010933.D
Acq: 17 Jul 2019 14:10

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL001-190716

Tot Ion:117 Resp: 324564
Ion Ratio Lower Upper
117 100
82 51.7 42.6 63.8
119 33.2 25.9 38.9

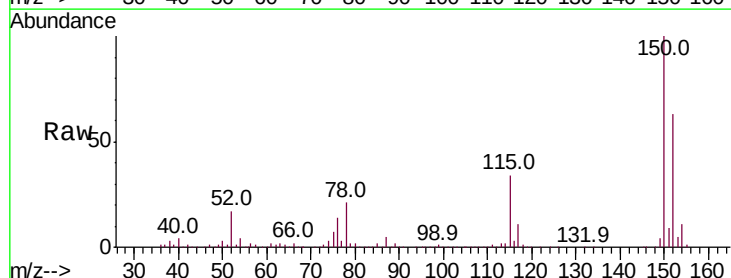


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010933.D
Acq: 17 Jul 2019 14:10

Tgt Ion:152 Resp: 149898
Ion Ratio Lower Upper
152 100
115 55.9 39.7 119.1
150 157.8 0.0 345.6



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

