

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010405.D
 Acq On : 24 Jun 2019 12:07
 Operator : JC/SP
 Sample : K3499-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP-B-1

Quant Time: Jun 25 04:00:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

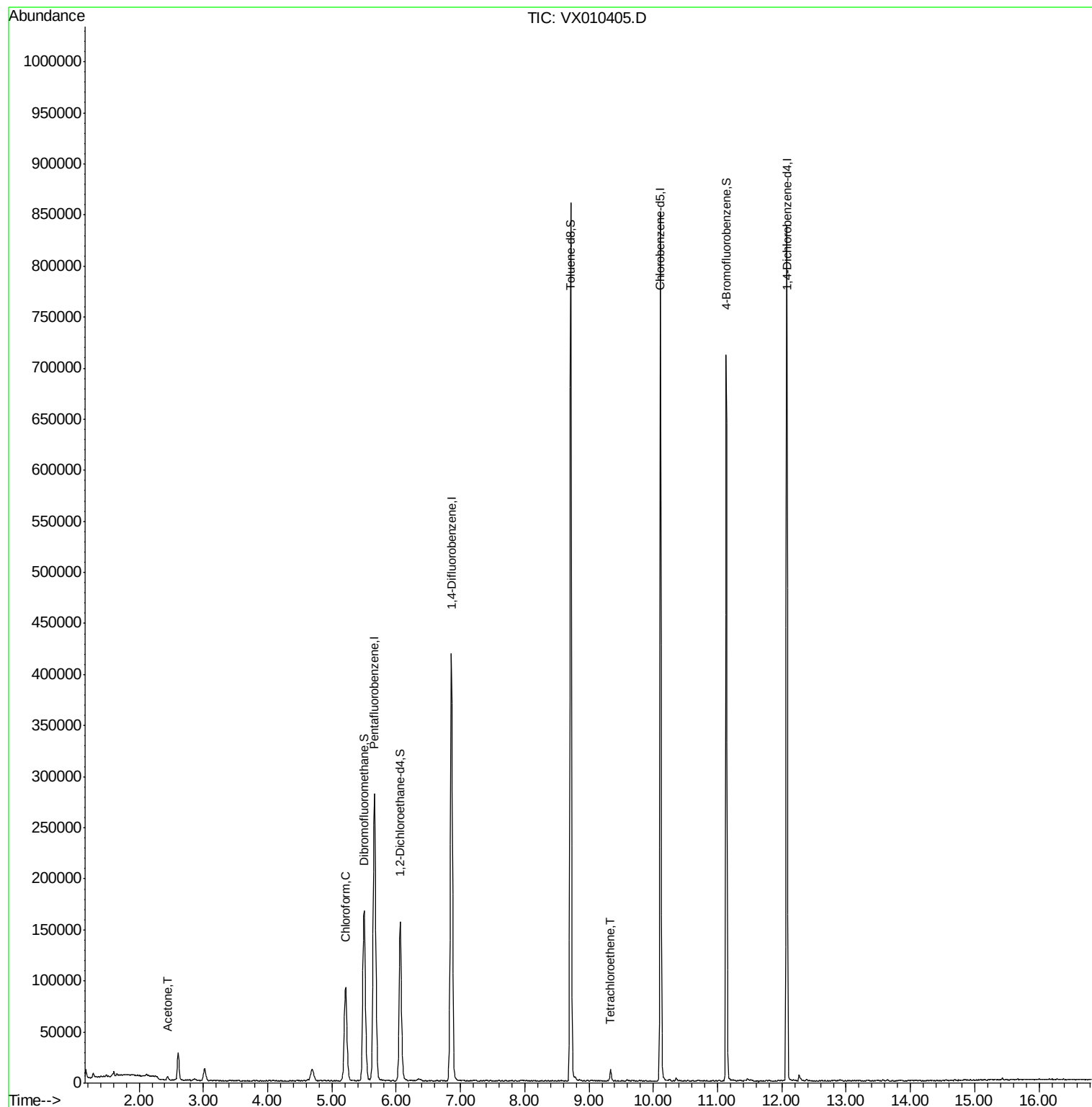
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	413474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	140423	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	5.50	113	143413	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
50) Toluene-d8	8.71	98	539898	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	180655	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
16) Acetone	2.44	43	4519	3.178	ug/l	95
30) Chloroform	5.21	83	110856	22.892	ug/l	99
64) Tetrachloroethene	9.34	164	2316	0.693	ug/l #	86

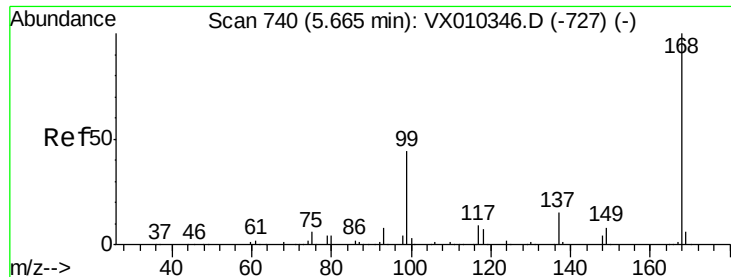
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010405.D

Acq: 24 Jun 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

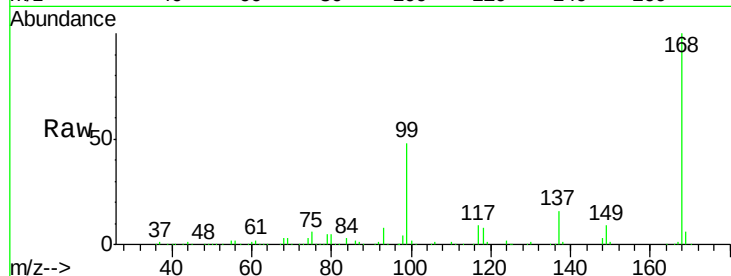
TWP-B-1

Tot Ion:168 Resp: 302637

Ion Ratio Lower Upper

168 100

99 47.6 35.5 53.3

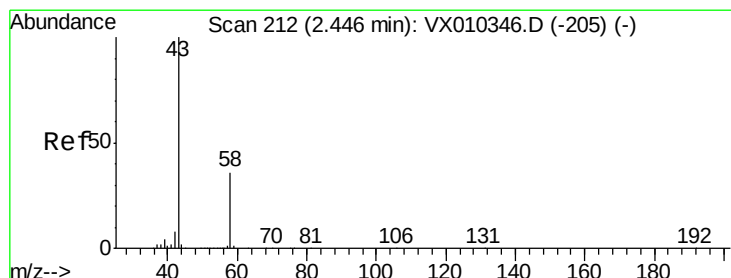
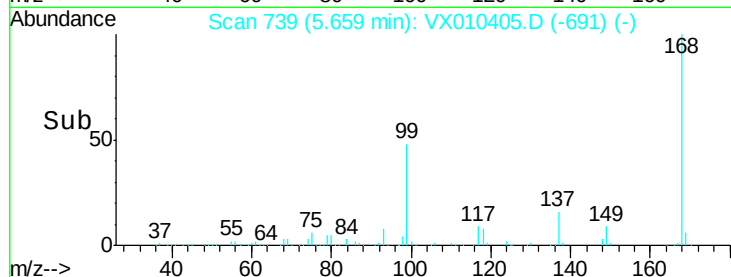


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.178 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010405.D

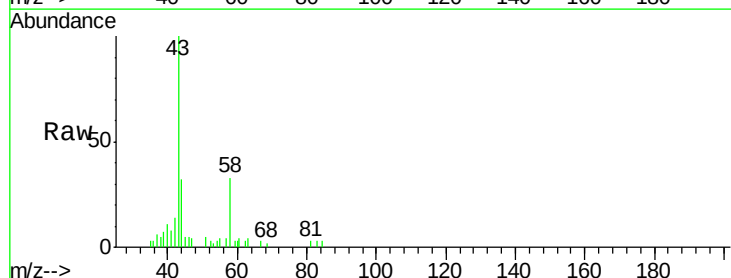
Acq: 24 Jun 2019 12:07

Tgt Ion: 43 Resp: 4519

Ion Ratio Lower Upper

43 100

58 32.9 28.9 43.3

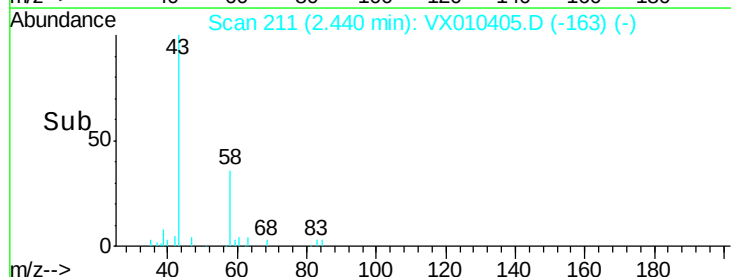


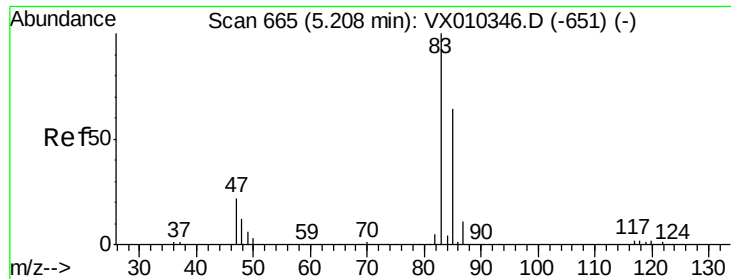
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

Time--> 2.35 2.40 2.45 2.50 2.55

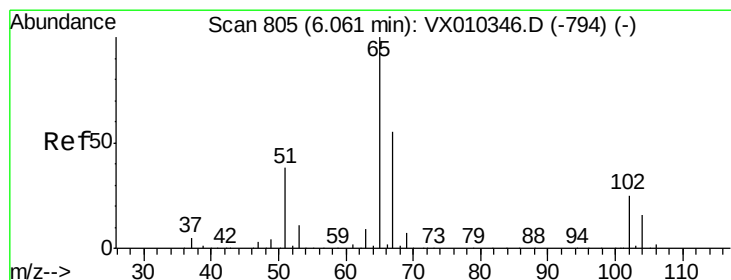
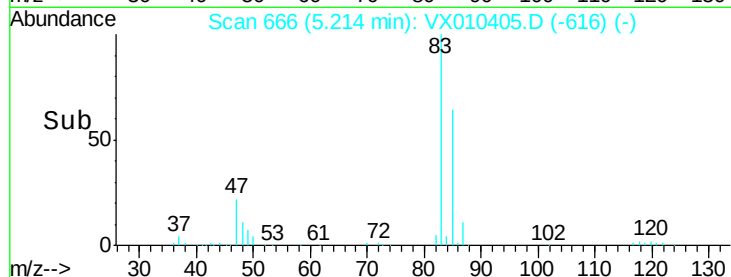
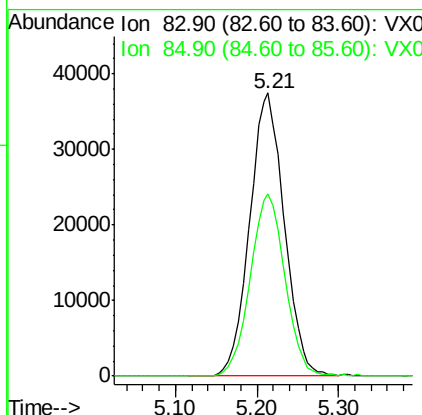
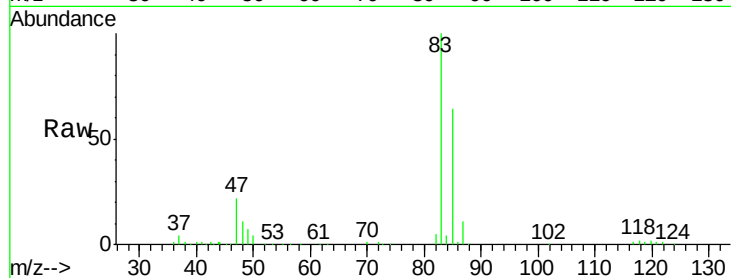




#30
Chloroform
Concen: 22.892 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010405.D
Acq: 24 Jun 2019 12:07

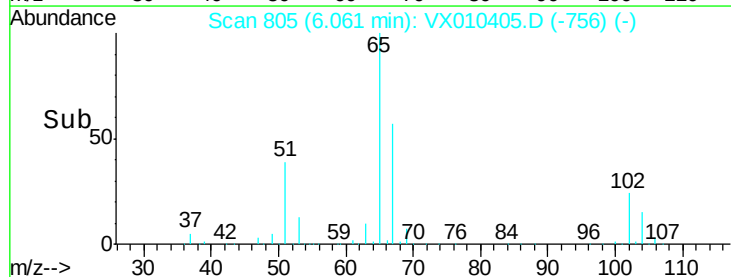
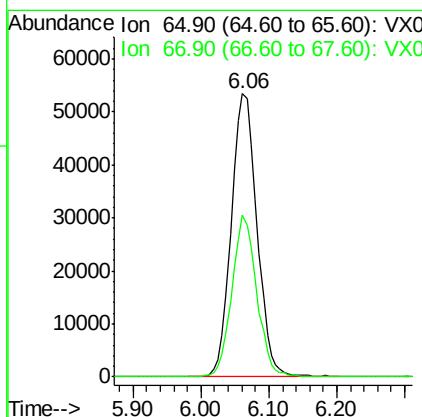
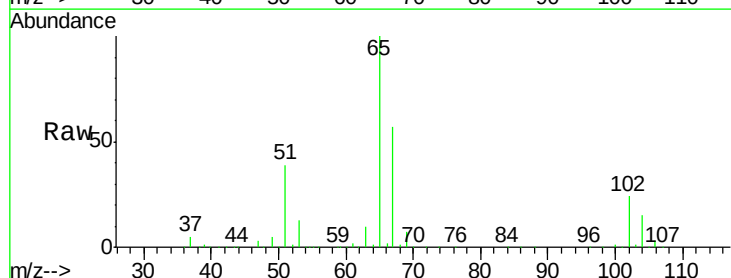
Instrument :
MSVOA_X
ClientSampled :
TWP-B-1

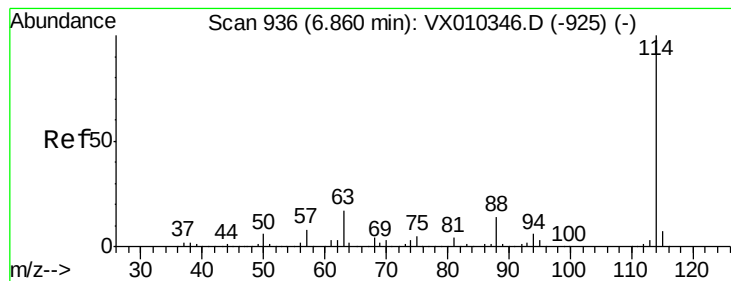
Tot Ion: 83 Resp: 110856
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 49.488 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010405.D
Acq: 24 Jun 2019 12:07

Tgt Ion: 65 Resp: 140423
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010405.D

Acq: 24 Jun 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

TWP-B-1

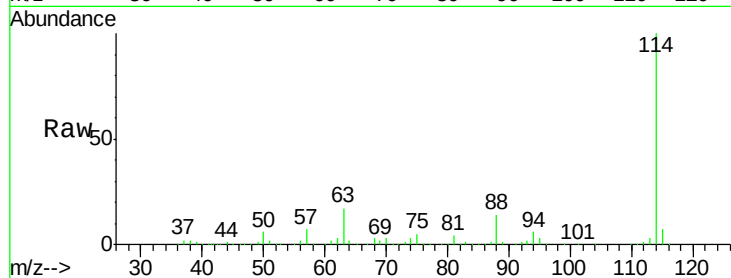
Tot Ion:114 Resp: 459422

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

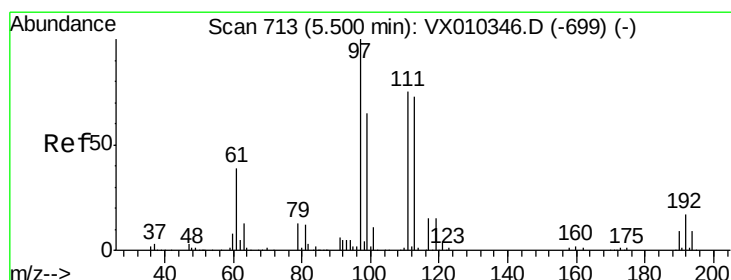
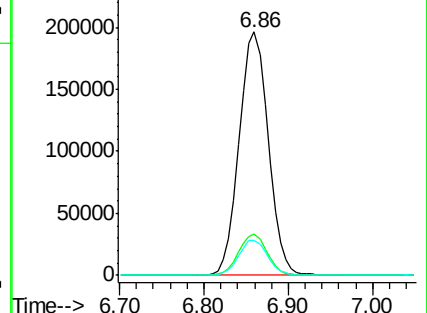
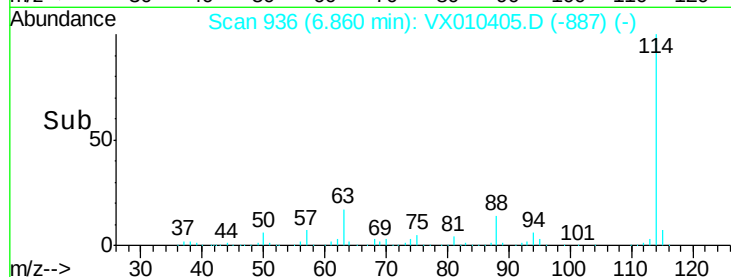
88 14.2 0.0 27.6



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: 51.020 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010405.D

Acq: 24 Jun 2019 12:07

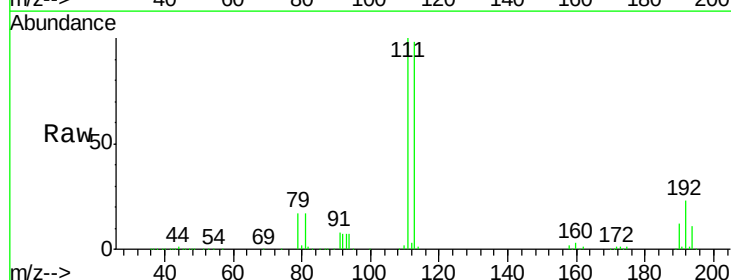
Tgt Ion:113 Resp: 143413

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

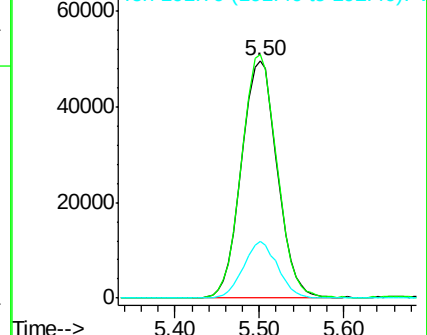
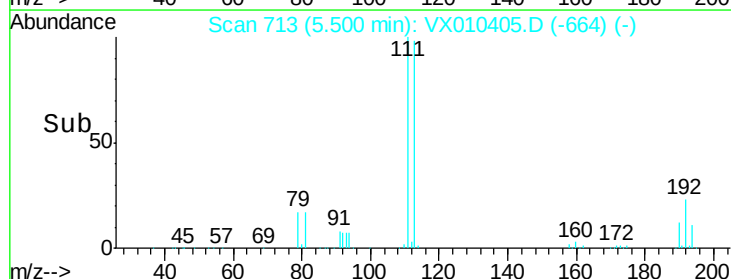
192 22.8 18.6 27.8

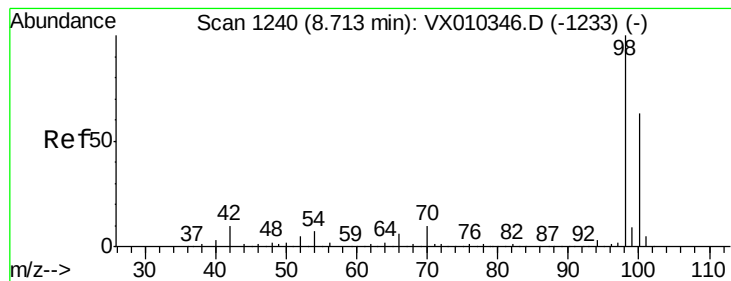


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.204 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010405.D

Acq: 24 Jun 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

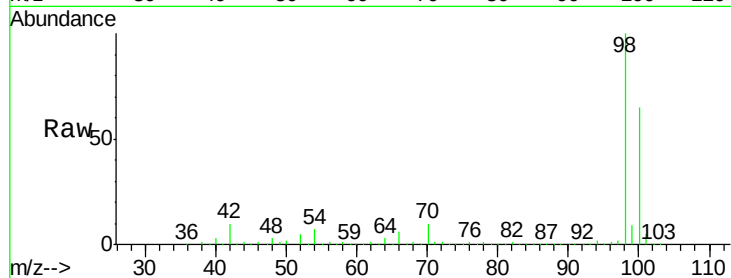
TWP-B-1

Tot Ion: 98 Resp: 539898

Ion Ratio Lower Upper

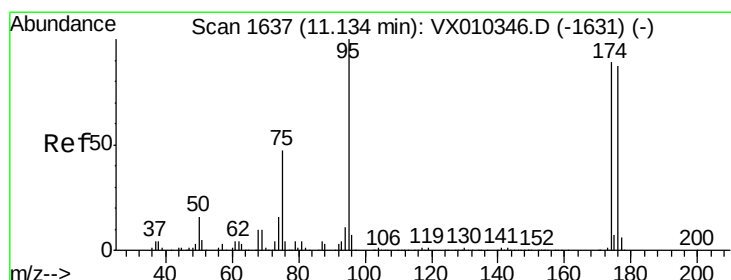
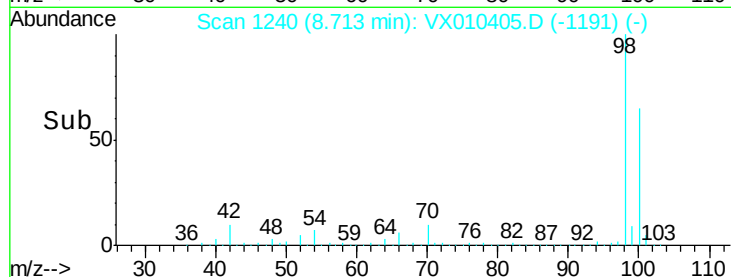
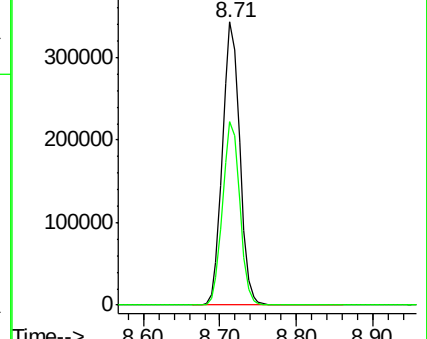
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.531 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010405.D

Acq: 24 Jun 2019 12:07

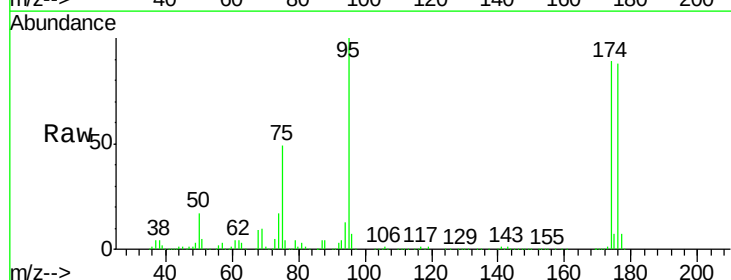
Tgt Ion: 95 Resp: 180655

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

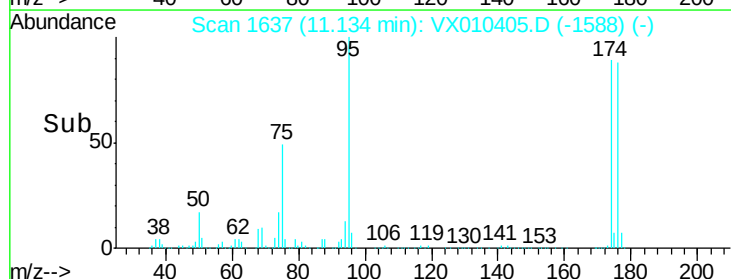
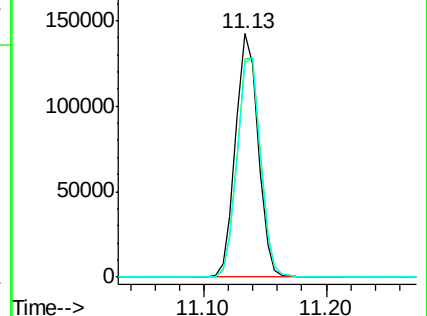
176 92.8 0.0 184.0

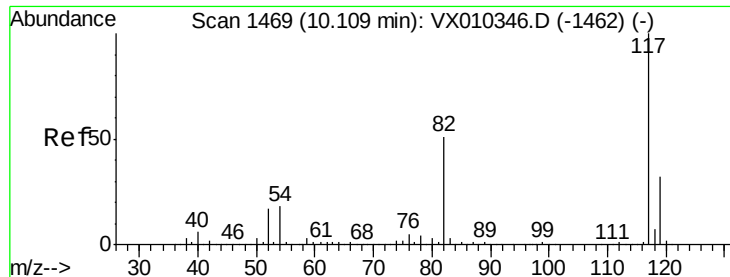


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

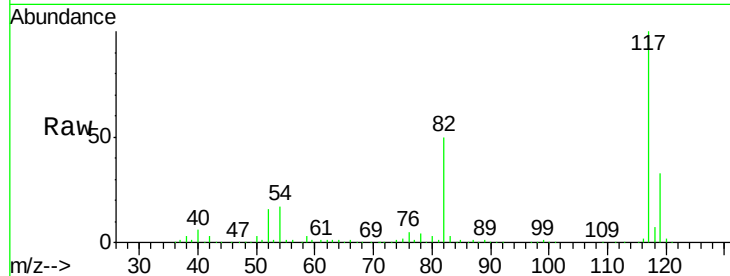




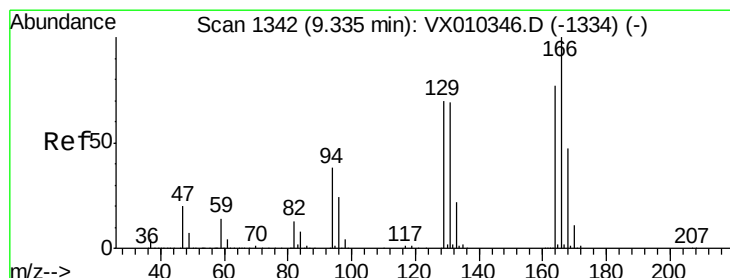
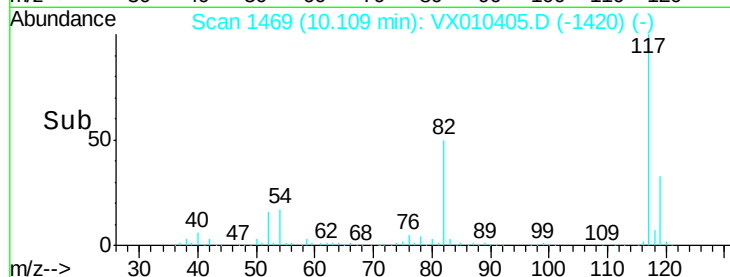
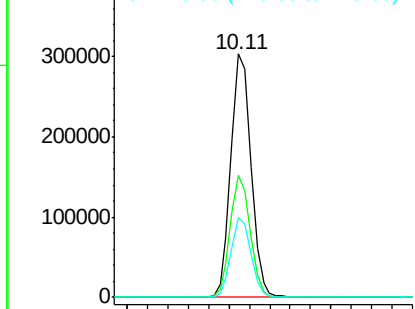
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010405.D
Acq: 24 Jun 2019 12:07

Instrument :
MSVOA_X
ClientSampled :
TWP-B-1

Tot Ion:117 Resp: 413474
Ion Ratio Lower Upper
117 100
82 50.2 41.2 61.8
119 32.8 25.5 38.3

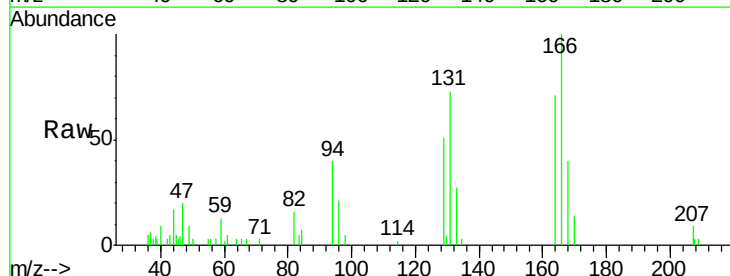


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

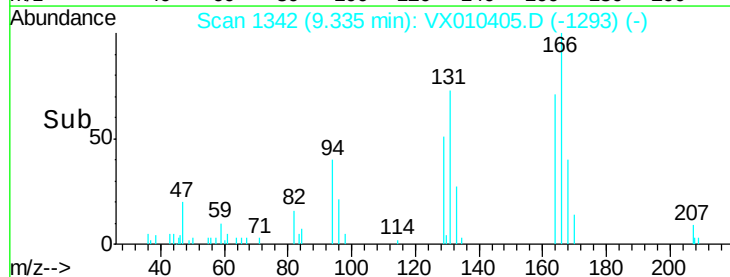
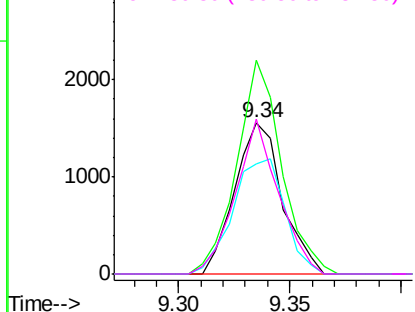


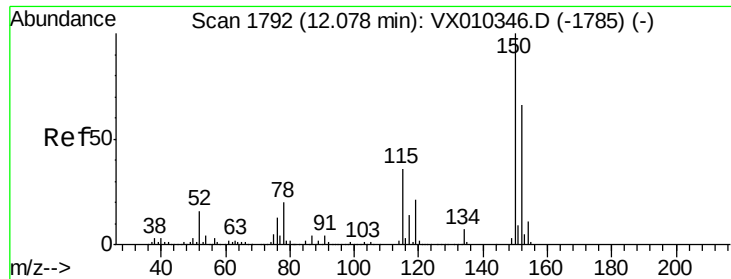
#64
Tetrachloroethene
Concen: 0.693 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010405.D
Acq: 24 Jun 2019 12:07

Tgt Ion:164 Resp: 2316
Ion Ratio Lower Upper
164 100
166 141.1 103.6 155.4
129 72.5 73.0 109.4#
131 102.6 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX010405.D

Acq: 24 Jun 2019 12:07

Instrument :

MSVOA_X

ClientSampleId :

TWP-B-1

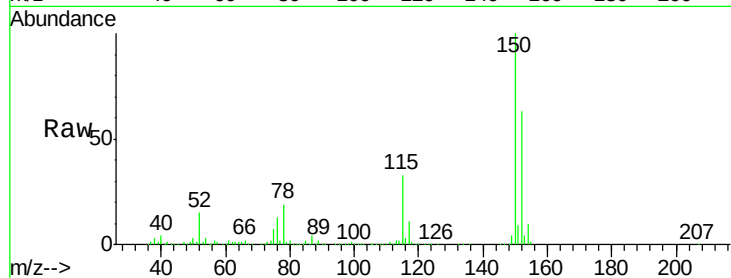
Tot Ion:152 Resp: 189742

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

150 157.9 0.0 347.4



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

