

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007408.D
 Acq On : 06 Feb 2019 19:04
 Operator : JC/SP
 Sample : K1395-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Feb 07 09:46:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

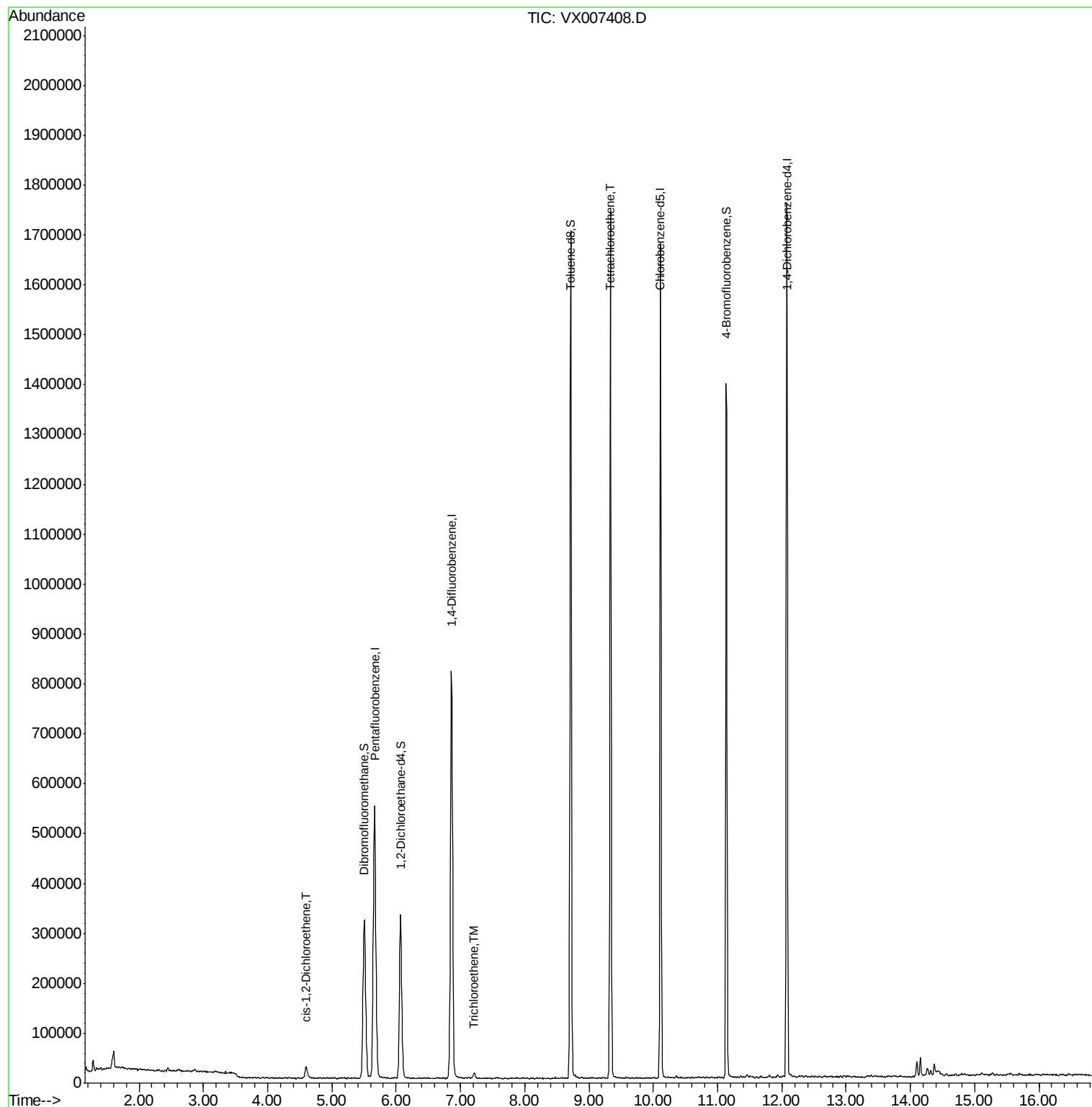
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	559961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	869122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	800770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	303996	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
35) Dibromofluoromethane	5.51	113	273644	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	1021533	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	362469	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	15397	2.475	ug/l	86
44) Trichloroethene	7.21	130	4745	0.686	ug/l	88
64) Tetrachloroethene	9.34	164	349489	46.305	ug/l	99

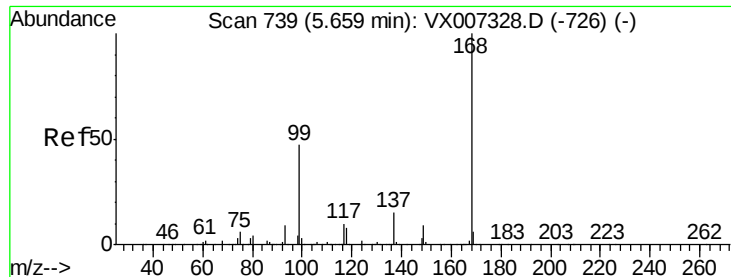
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

Instrument :

MSVOA_X

ClientSampled :

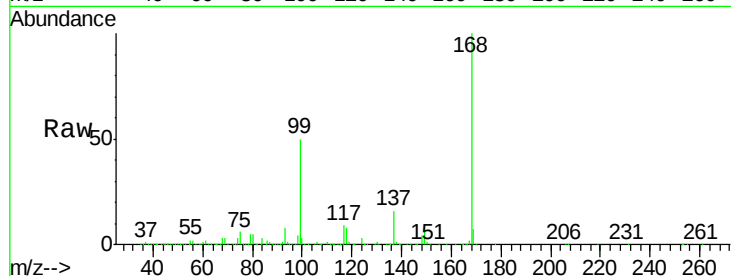
MW-11

Tot Ion:168 Resp: 559961

Ion Ratio Lower Upper

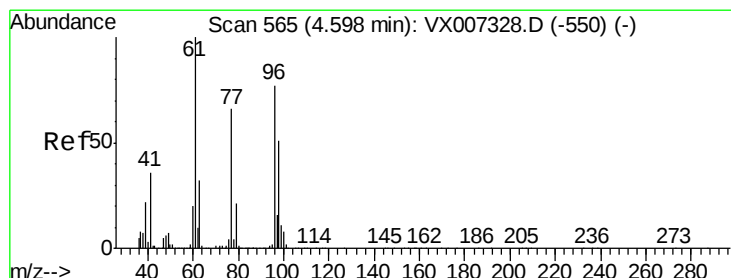
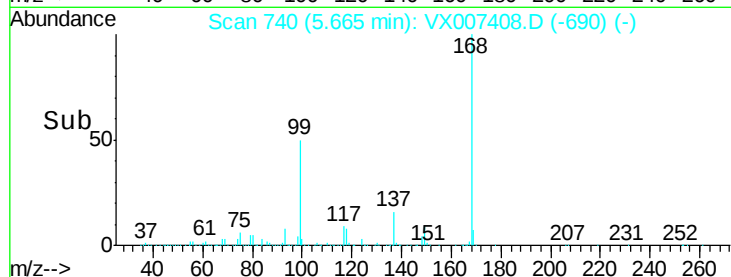
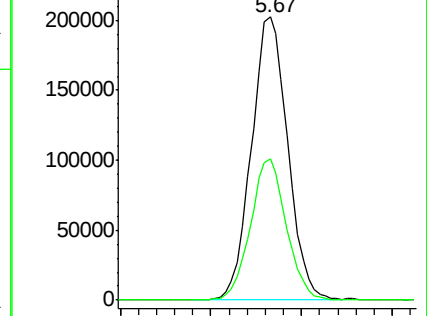
168 100

99 49.8 37.9 56.9



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: 2.475 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

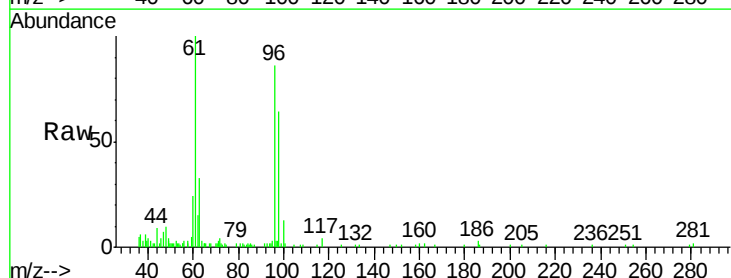
Tgt Ion: 96 Resp: 15397

Ion Ratio Lower Upper

96 100

61 109.2 0.0 265.6

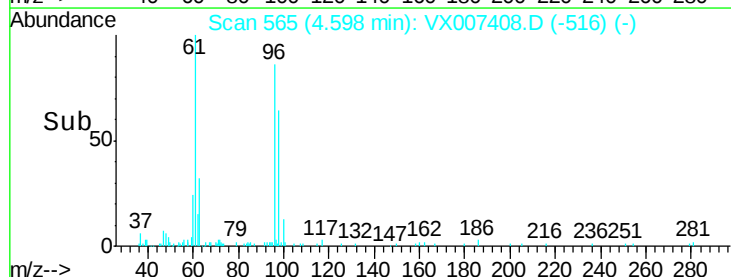
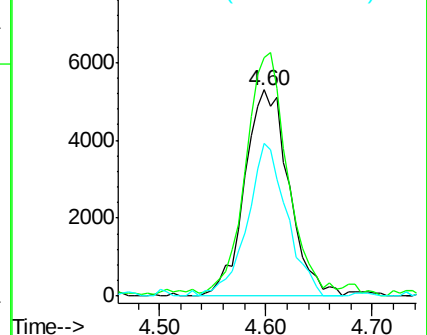
98 66.2 0.0 131.6

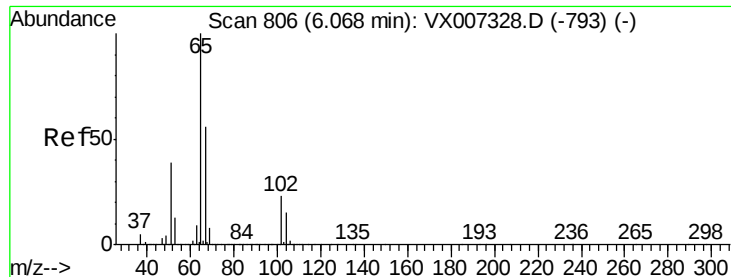


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.147 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

Instrument :

MSVOA_X

ClientSampled :

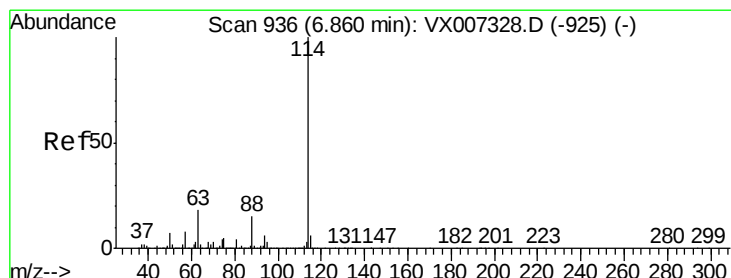
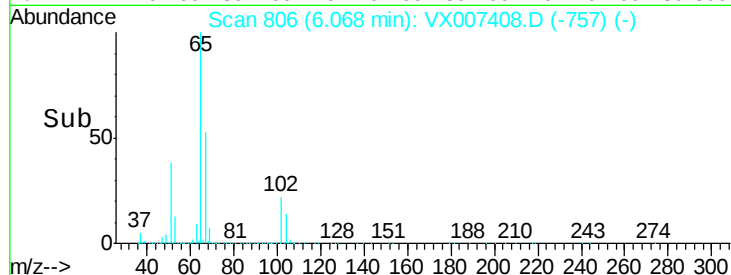
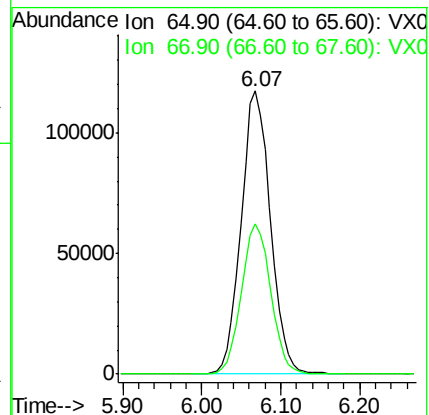
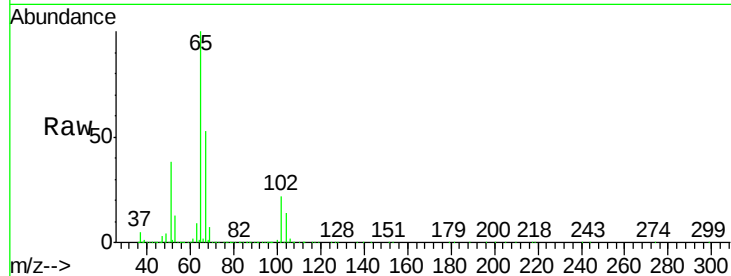
MW-11

Tot Ion: 65 Resp: 303996

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

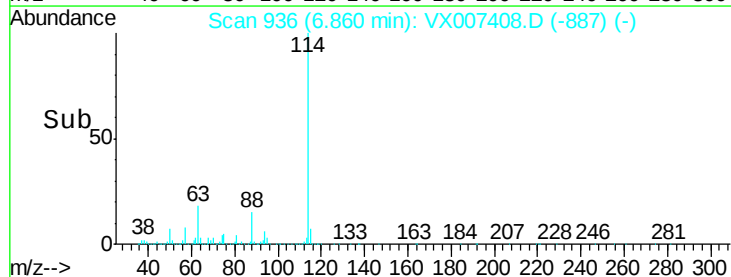
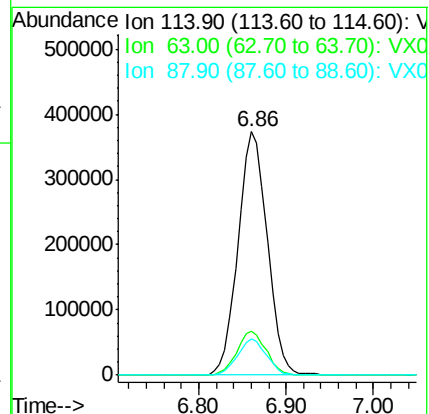
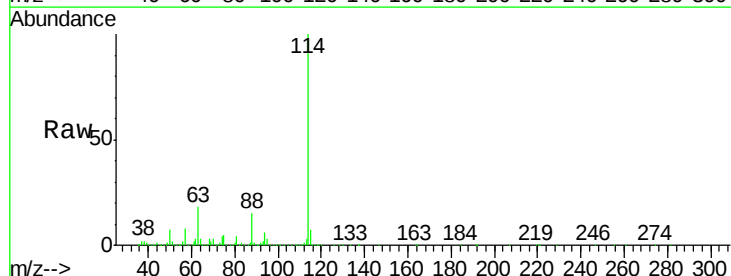
Tgt Ion: 114 Resp: 869122

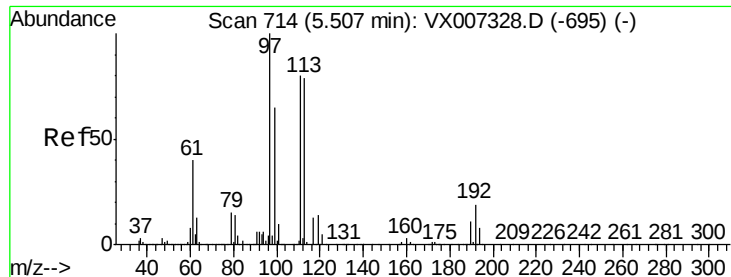
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

88 14.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.389 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW-11

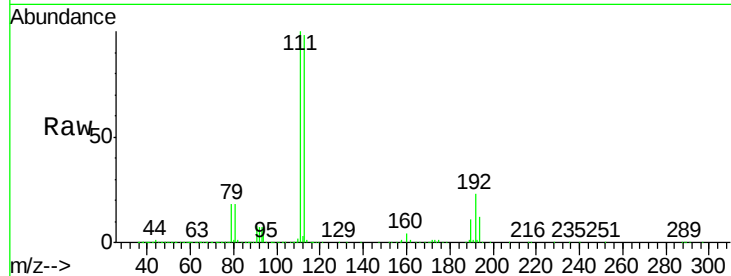
Tot Ion:113 Resp: 273644

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

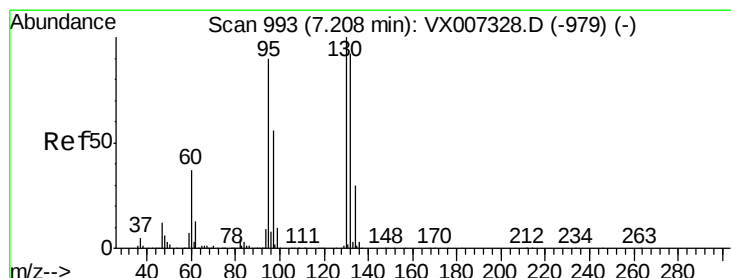
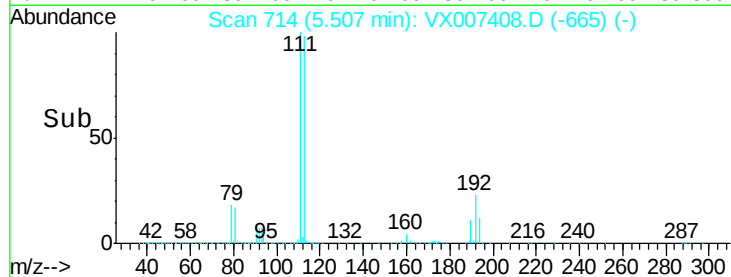
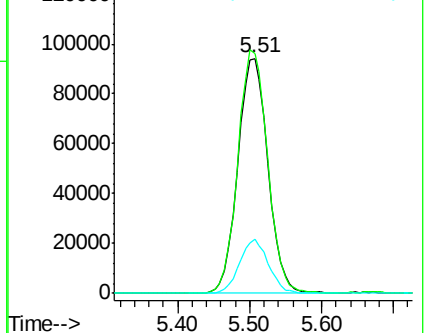
192 22.3 18.5 27.7



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



#44

Trichloroethene

Concen: 0.686 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX007408.D

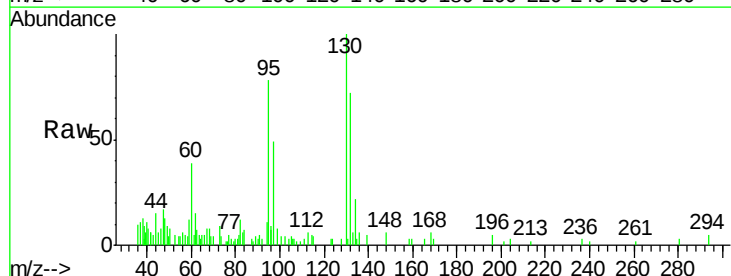
Acq: 06 Feb 2019 19:04

Tgt Ion:130 Resp: 4745

Ion Ratio Lower Upper

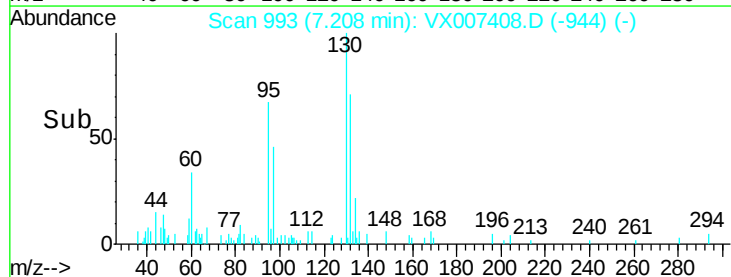
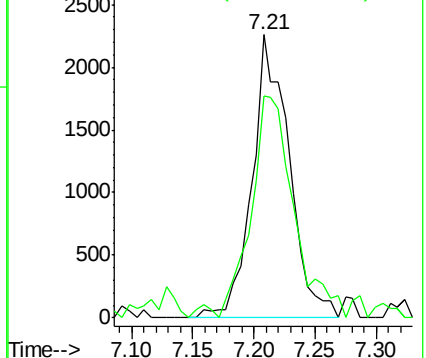
130 100

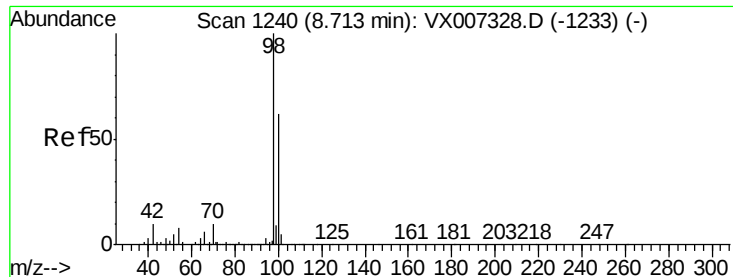
95 78.4 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.688 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

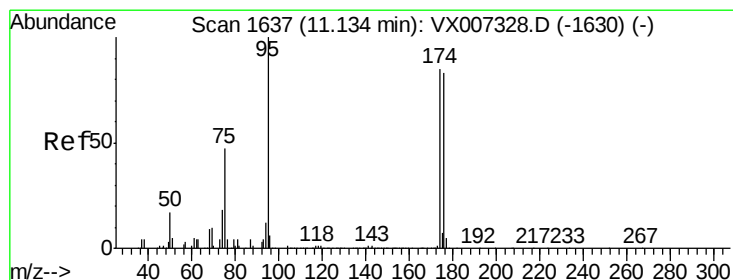
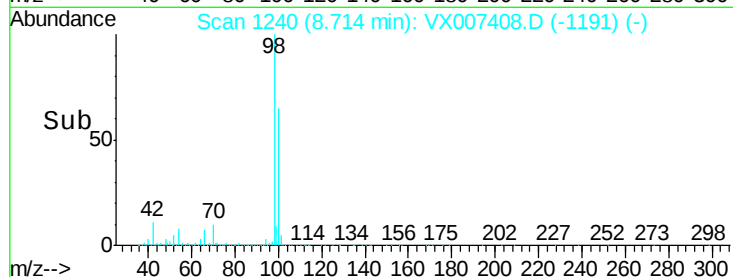
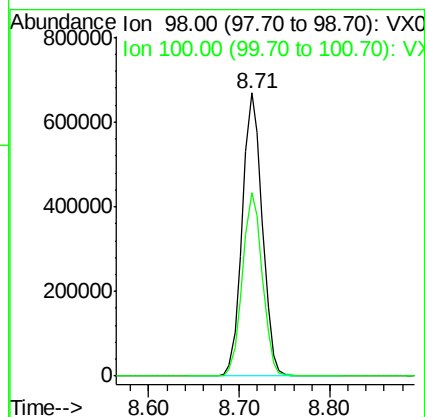
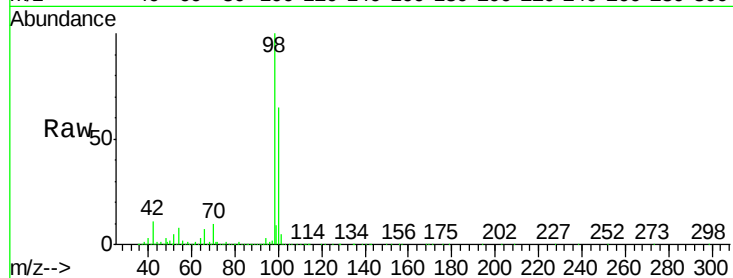
MW-11

Tot Ion: 98 Resp: 1021533

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.318 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

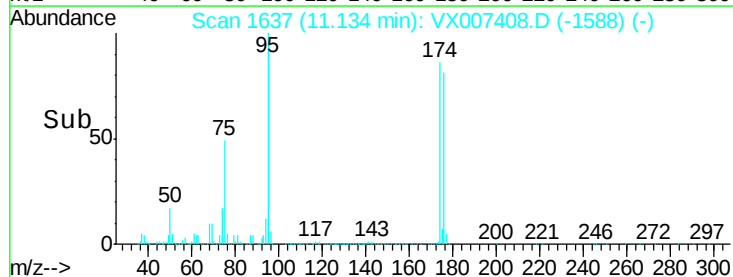
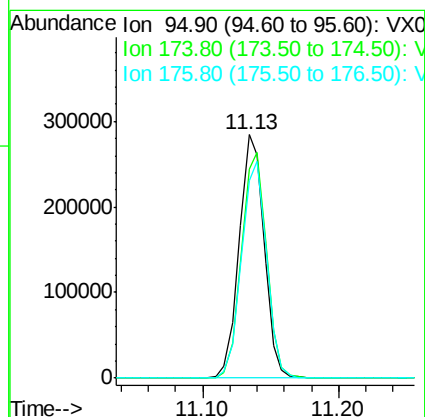
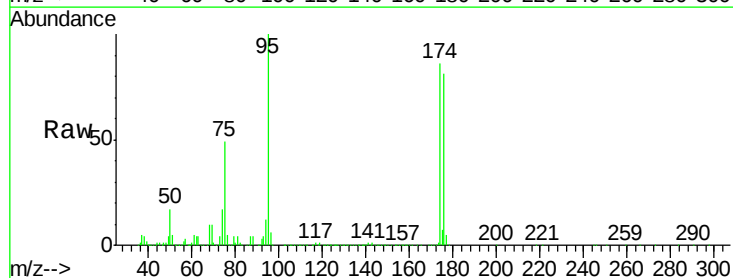
Tgt Ion: 95 Resp: 362469

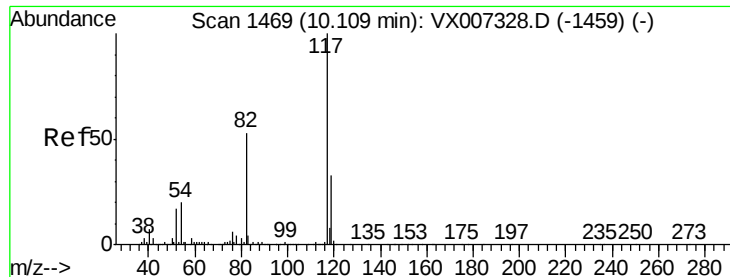
Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

176 89.9 0.0 186.2

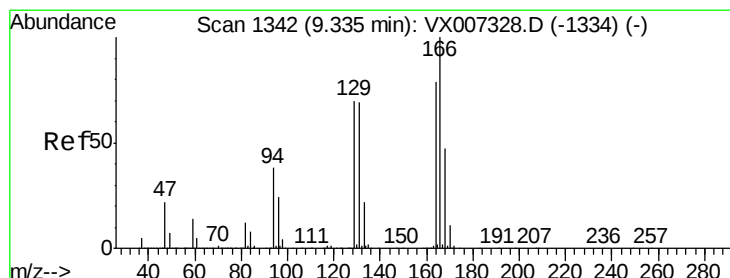
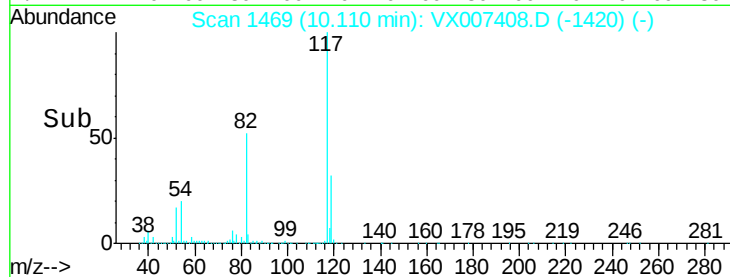
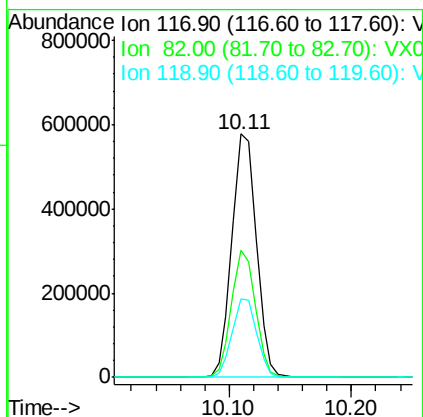
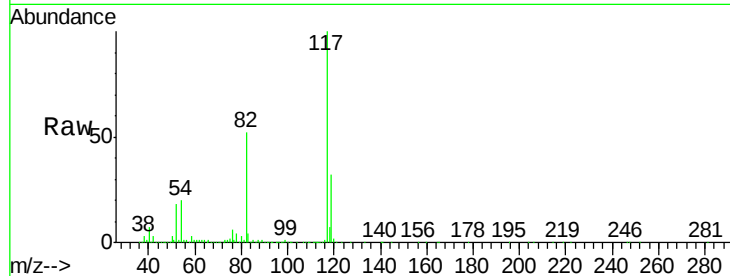




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007408.D
Acq: 06 Feb 2019 19:04

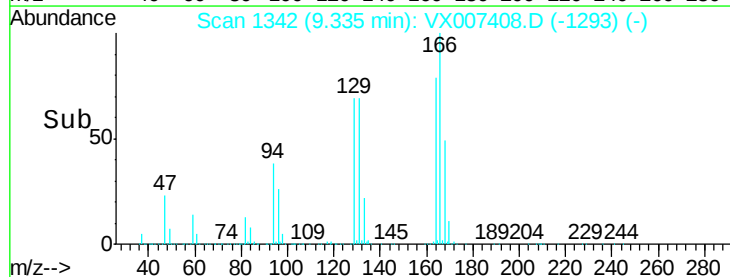
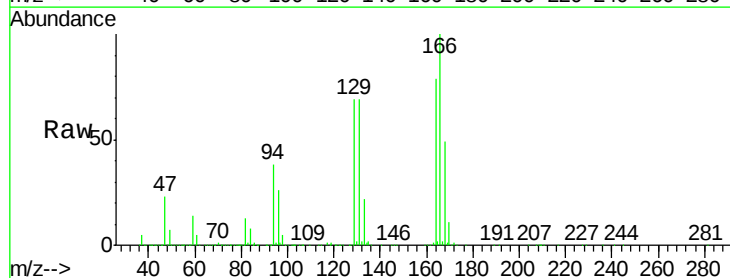
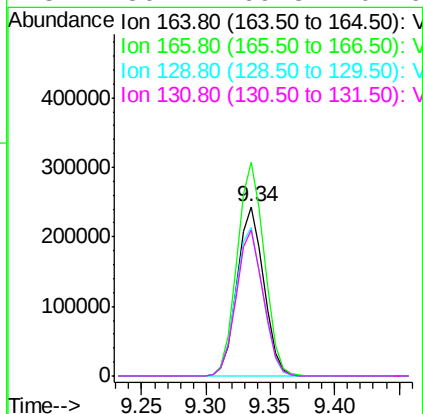
Instrument :
MSVOA_X
ClientSampleId :
MW-11

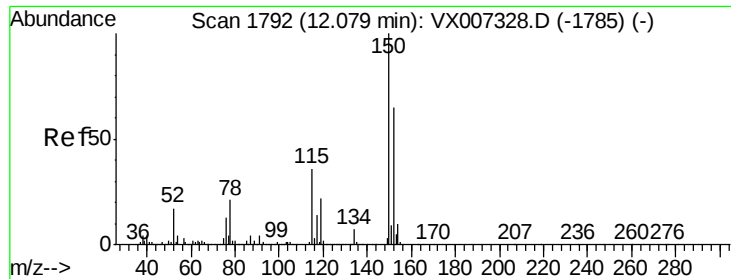
Tot Ion:117 Resp: 800770
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 32.2 26.5 39.7



#64
Tetrachloroethene
Concen: 46.305 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007408.D
Acq: 06 Feb 2019 19:04

Tgt Ion:164 Resp: 349489
Ion Ratio Lower Upper
164 100
166 125.9 101.0 151.4
129 87.4 70.5 105.7
131 86.4 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007408.D

Acq: 06 Feb 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW-11

Tot Ion:152 Resp: 385787

Ion Ratio Lower Upper

152 100

115 54.0 38.0 114.0

150 156.8 0.0 346.4

