

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009463.D
 Acq On : 10 May 2019 05:46
 Operator : JC/SP
 Sample : K2782-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW210-190507

Quant Time: May 10 09:02:36 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

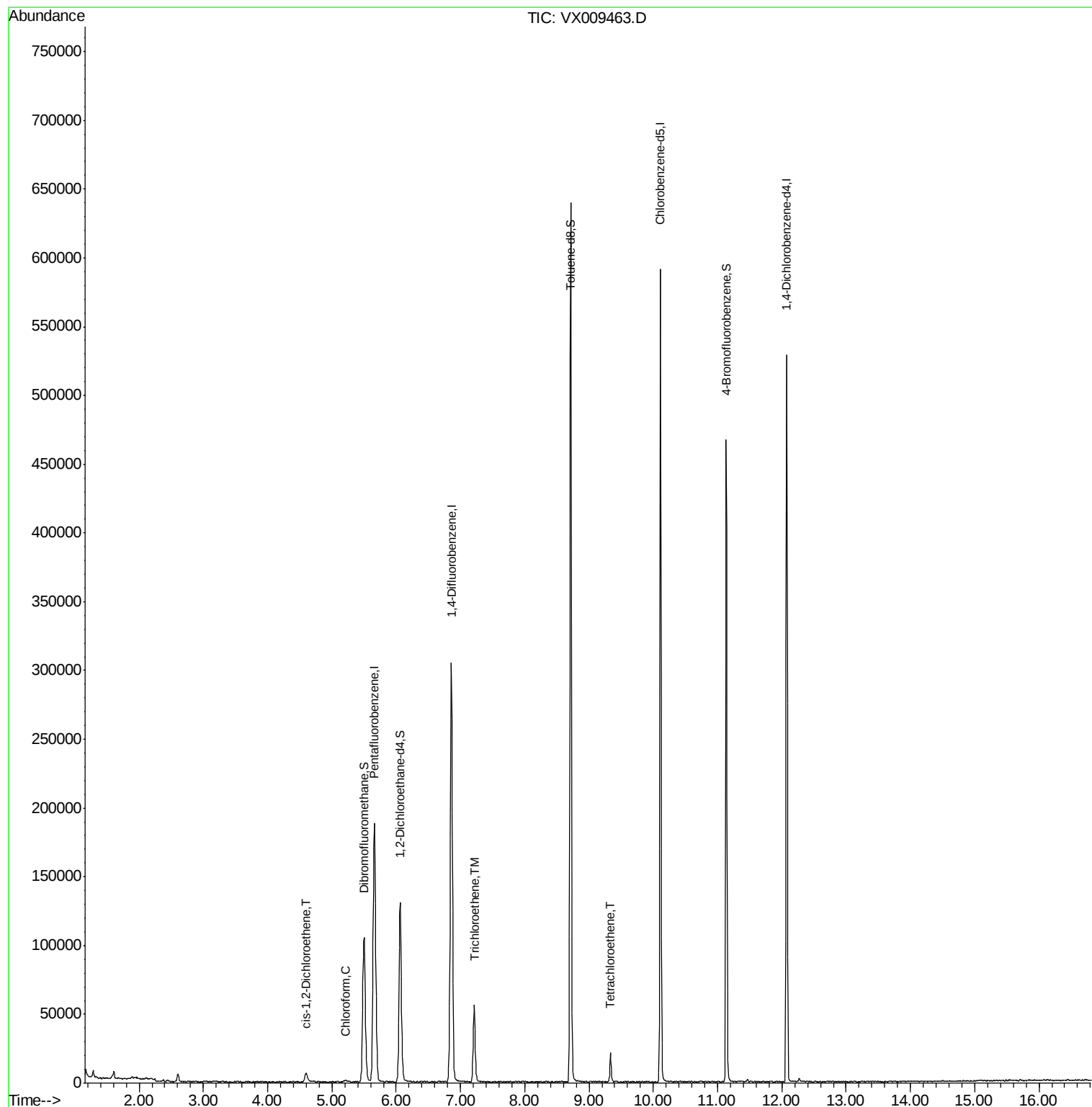
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122311	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.50	113	90953	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
50) Toluene-d8	8.71	98	368493	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	120370	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	4013	1.787	ug/l	89
30) Chloroform	5.21	83	1245	0.343	ug/l #	84
44) Trichloroethene	7.21	130	21022	10.113	ug/l	99
64) Tetrachloroethene	9.34	164	4068	2.292	ug/l	98

(#) = 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: VX009463.D

Acq: 10 May 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

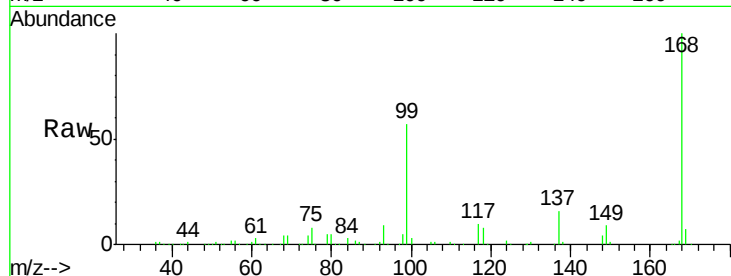
SS052MW210-190507

Tot Ion:168 Resp: 184852

Ion Ratio Lower Upper

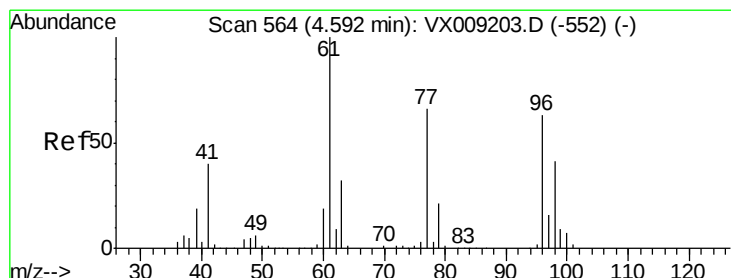
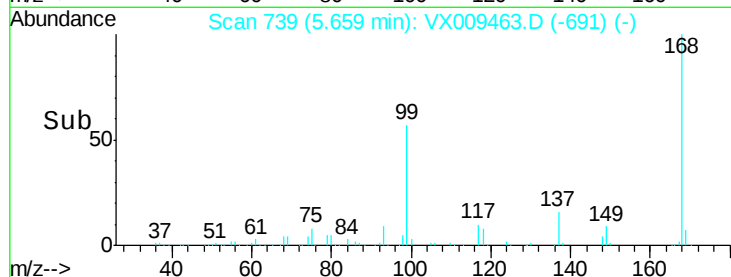
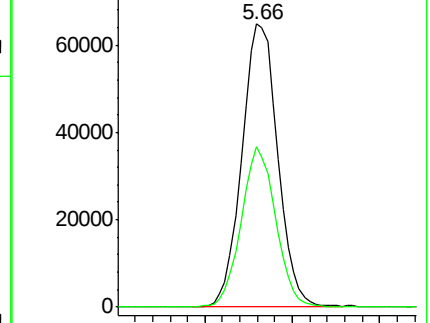
168 100

99 56.6 42.3 63.5



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: 1.787 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX009463.D

Acq: 10 May 2019 05:46

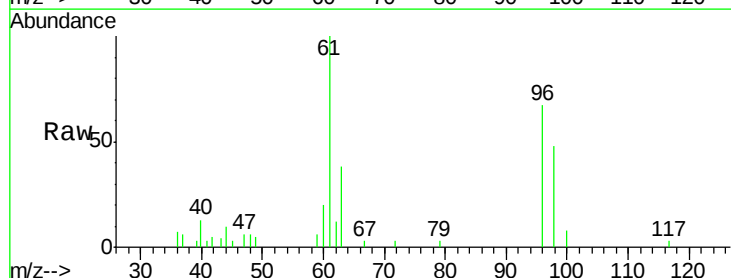
Tgt Ion: 96 Resp: 4013

Ion Ratio Lower Upper

96 100

61 146.8 0.0 324.0

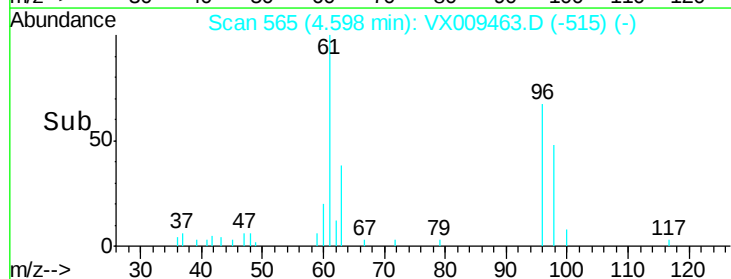
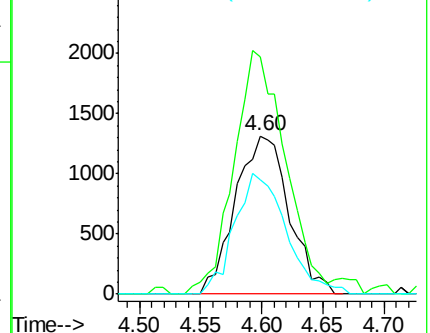
98 73.2 0.0 130.4

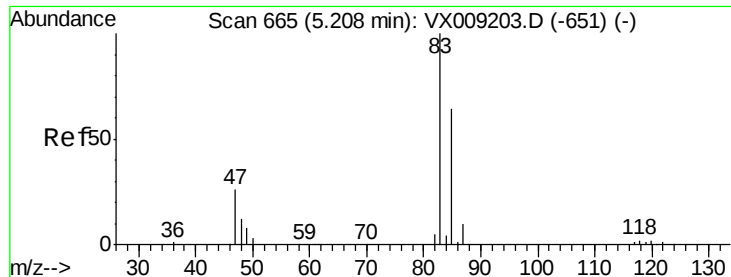


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

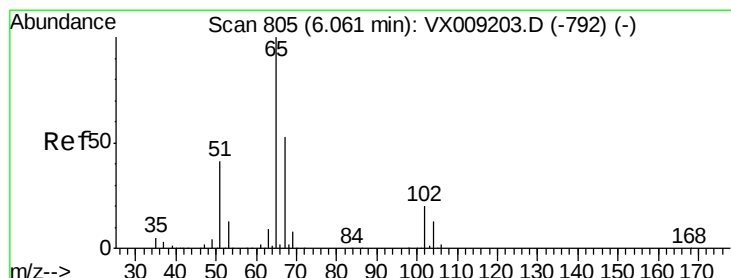
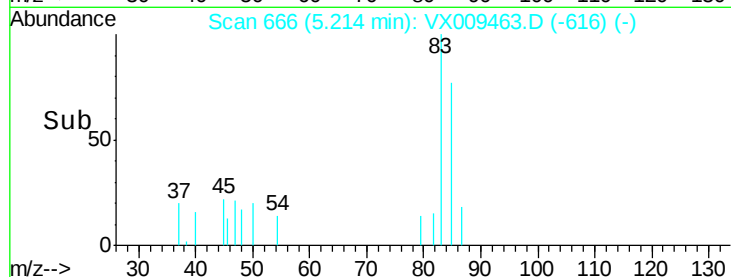
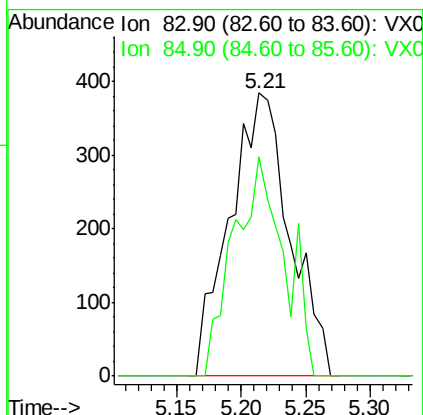
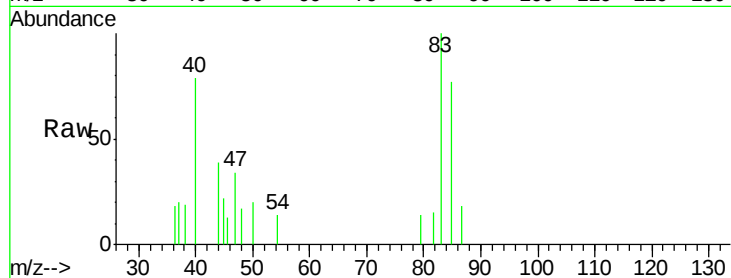




#30
Chloroform
Concen: 0.343 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009463.D
Acq: 10 May 2019 05:46

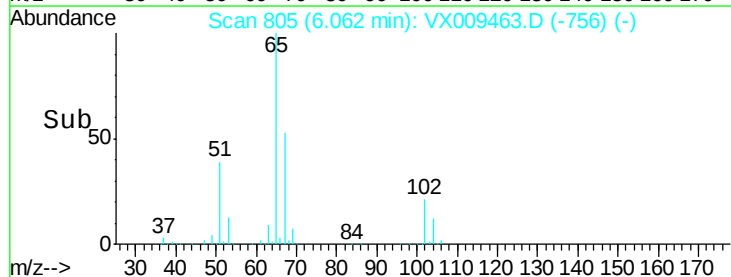
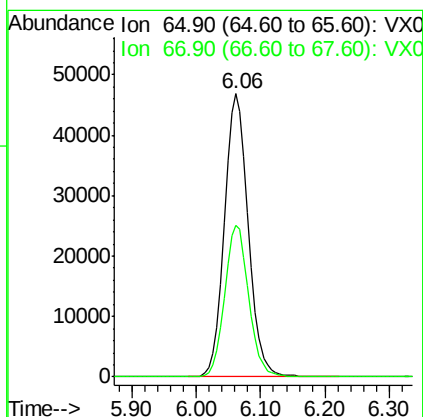
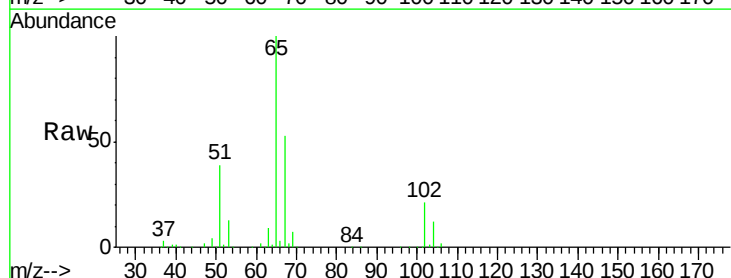
Instrument :
MSVOA_X
ClientSampleId :
SS052MW210-190507

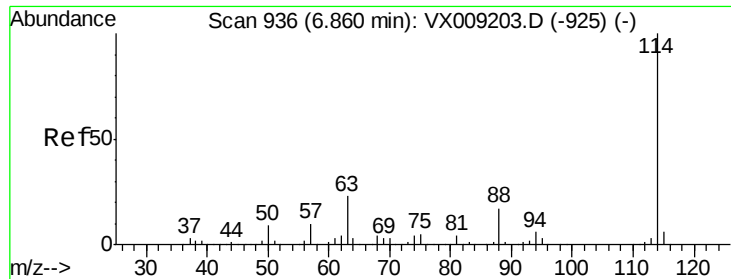
Tot Ion: 83 Resp: 1245
Ion Ratio Lower Upper
83 100
85 77.3 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 48.470 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009463.D
Acq: 10 May 2019 05:46

Tgt Ion: 65 Resp: 122311
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6

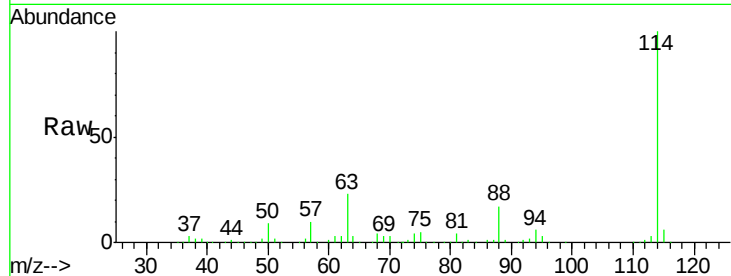




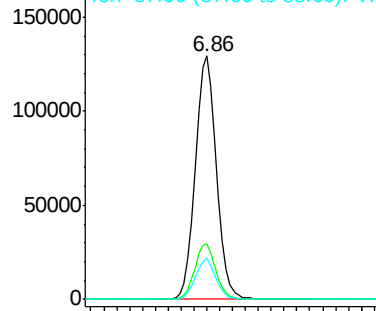
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009463.D
 Acq: 10 May 2019 05:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW210-190507

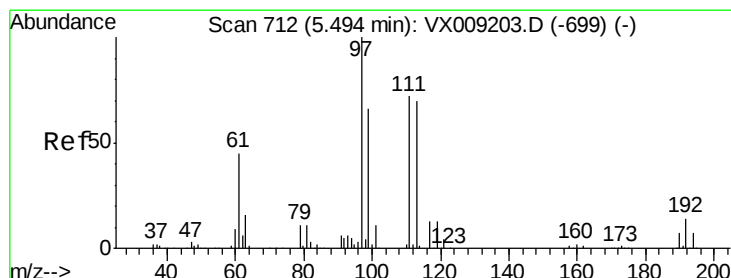
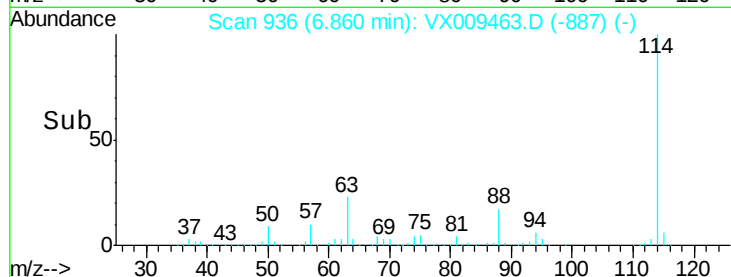
Tot Ion:114	Resp:	298975
Ion Ratio	Lower	Upper
114 100		
63 22.6	0.0	45.6
88 16.8	0.0	33.2



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

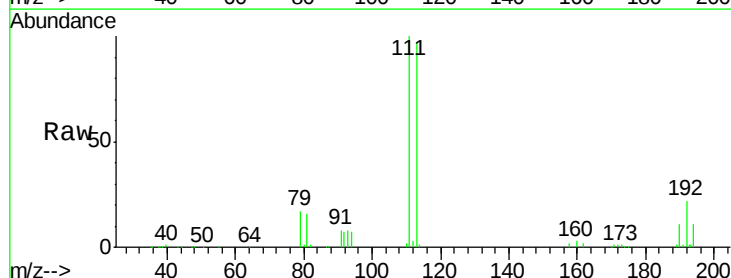


Time-->

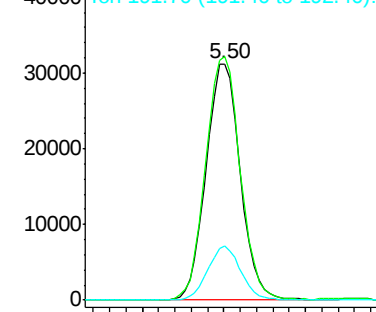


#35
 Dibromofluoromethane
 Concen: 48.393 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009463.D
 Acq: 10 May 2019 05:46

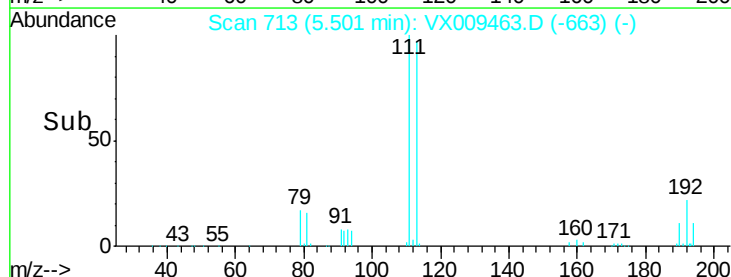
Tgt Ion:113	Resp:	90953
Ion Ratio	Lower	Upper
113 100		
111 103.7	82.8	124.2
192 22.1	17.0	25.6

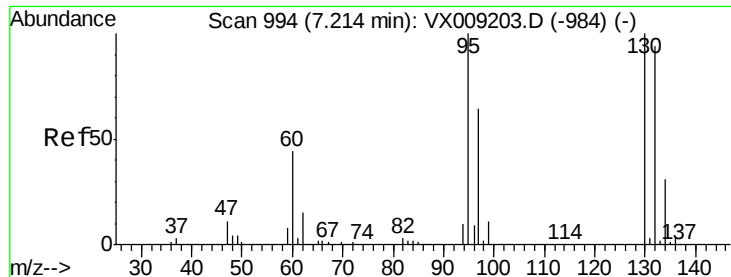


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time-->





#44

Trichloroethene

Concen: 10.113 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009463.D

Acq: 10 May 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

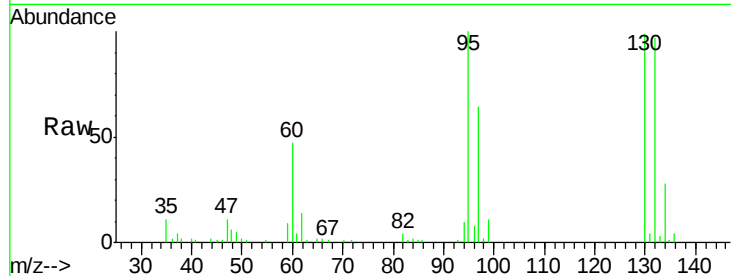
SS052MW210-190507

Tot Ion:130 Resp: 21022

Ion Ratio Lower Upper

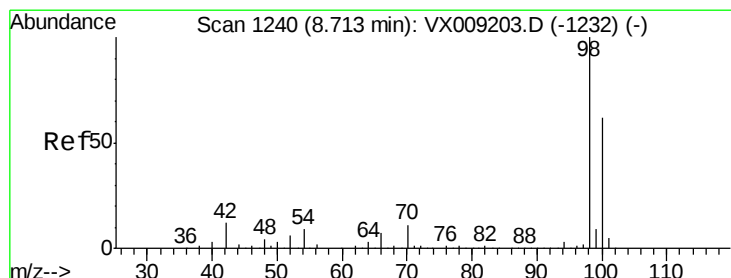
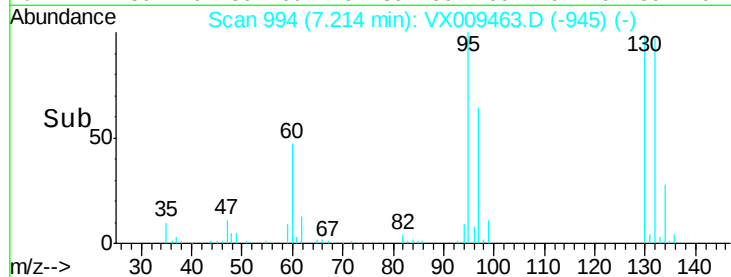
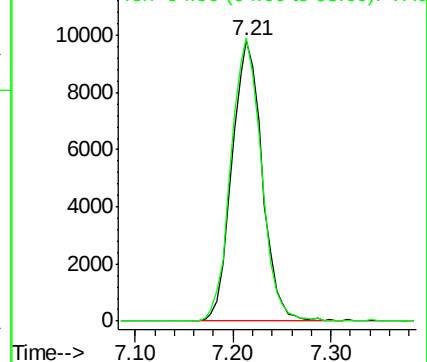
130 100

95 100.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.563 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009463.D

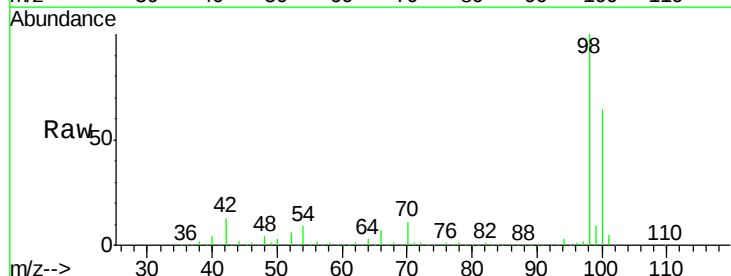
Acq: 10 May 2019 05:46

Tgt Ion: 98 Resp: 368493

Ion Ratio Lower Upper

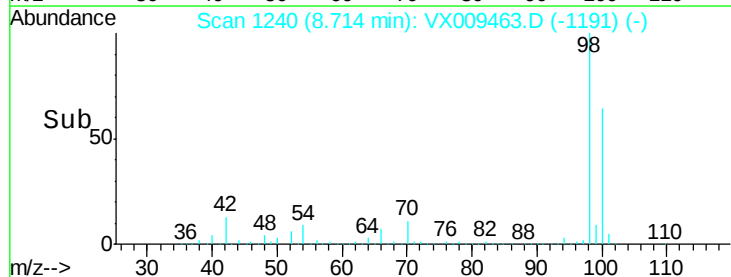
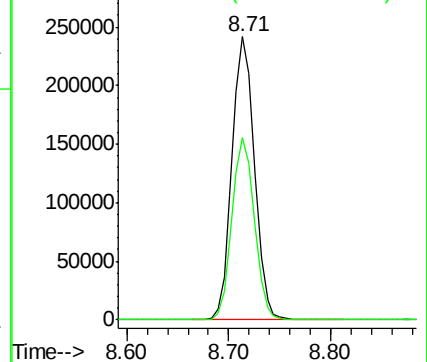
98 100

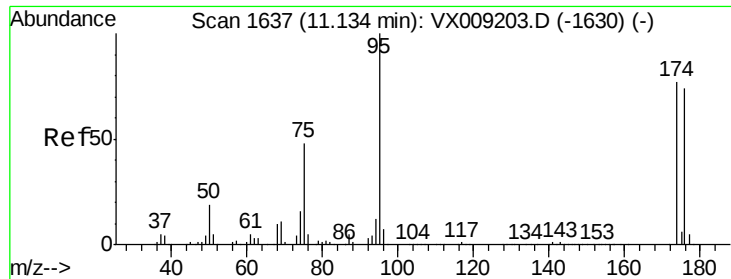
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 43.657 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009463.D

Acq: 10 May 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-190507

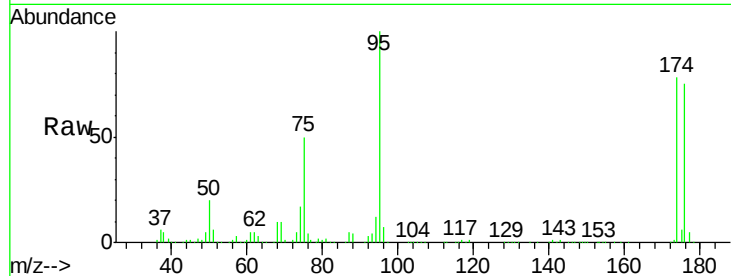
Tot Ion: 95 Resp: 120370

Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

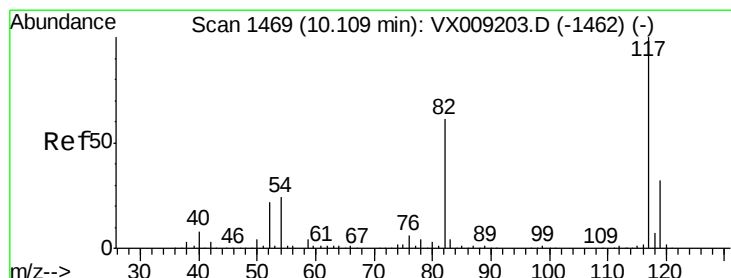
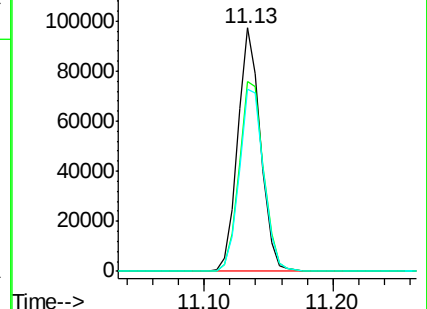
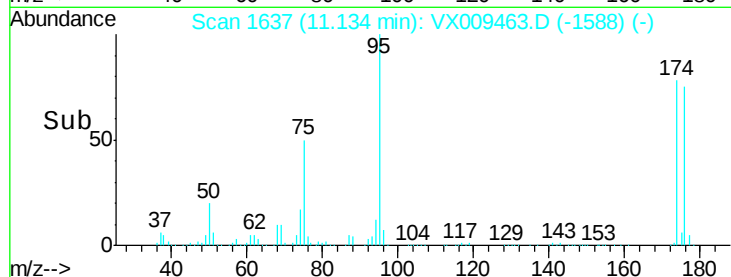
176 80.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009463.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009463.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009463.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009463.D

Acq: 10 May 2019 05:46

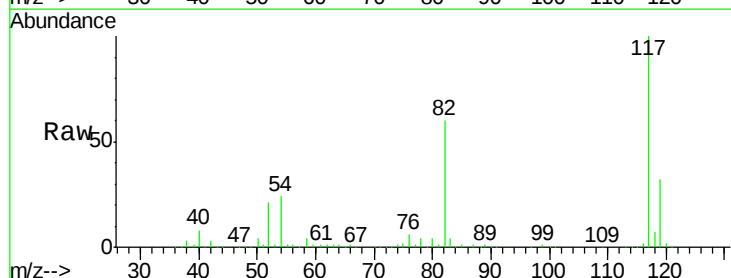
Tgt Ion: 117 Resp: 258717

Ion Ratio Lower Upper

117 100

82 59.6 48.8 73.2

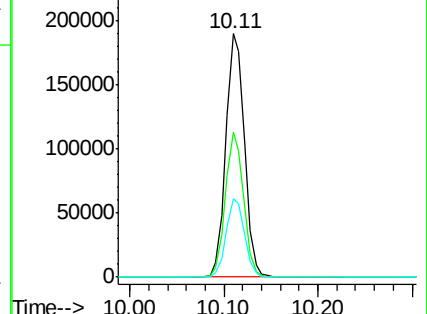
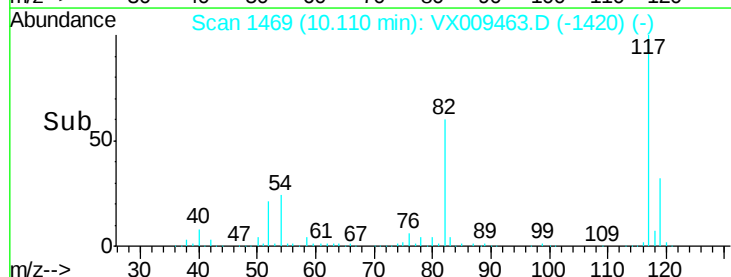
119 32.1 25.8 38.6

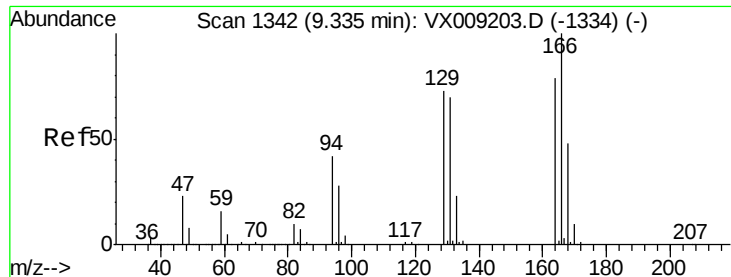


Abundance Ion 116.90 (116.60 to 117.60): VX009463.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009463.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009463.D (-1420) (-)





#64

Tetrachloroethene

Concen: 2.292 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009463.D

Acq: 10 May 2019 05:46

Instrument :

MSVOA_X

ClientSampleId :

SS052MW210-190507

Tot Ion:164 Resp: 4068

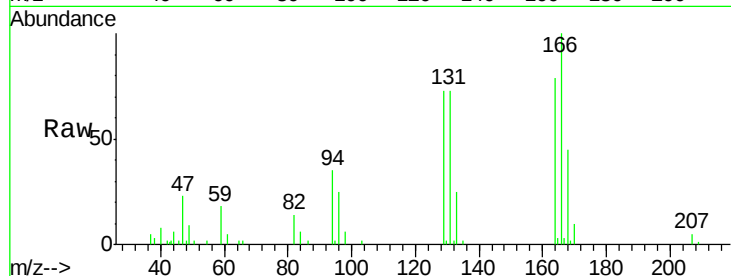
Ion Ratio Lower Upper

164 100

166 127.1 101.2 151.8

129 93.3 74.3 111.5

131 92.8 71.0 106.6

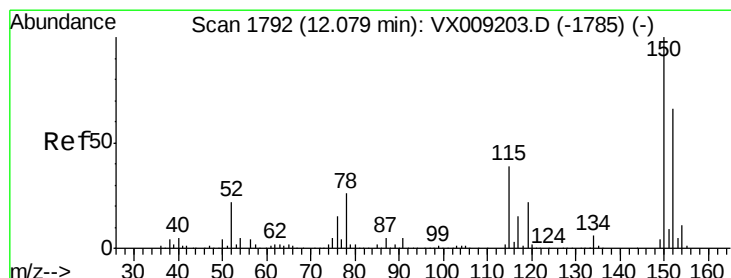
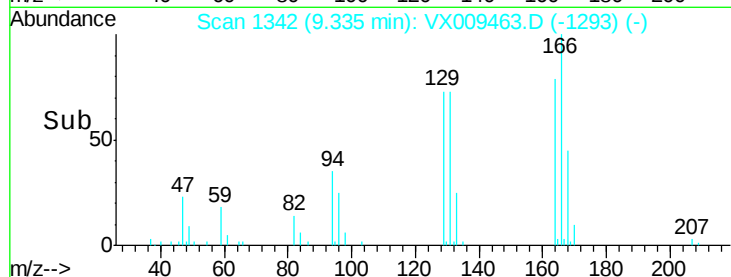
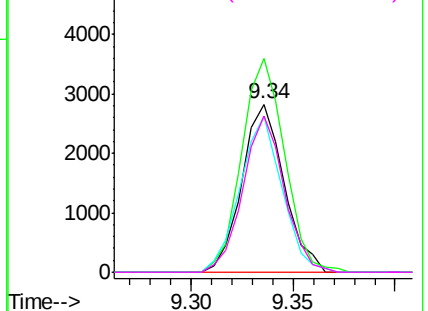


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX009463.D

Acq: 10 May 2019 05:46

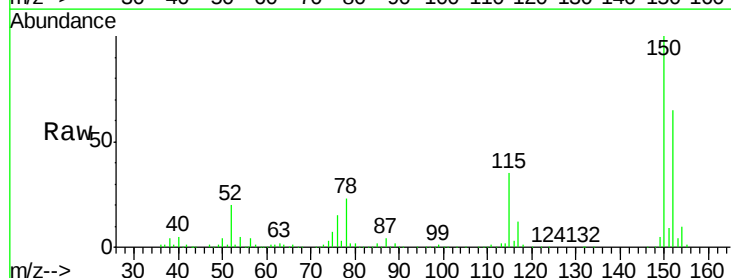
Tgt Ion:152 Resp: 111388

Ion Ratio Lower Upper

152 100

115 57.5 41.2 123.6

150 154.2 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

