

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010055.D
 Acq On : 04 Jun 2019 12:26
 Operator : JC/SP
 Sample : K3131-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-190530

Quant Time: Jun 05 07:37:08 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

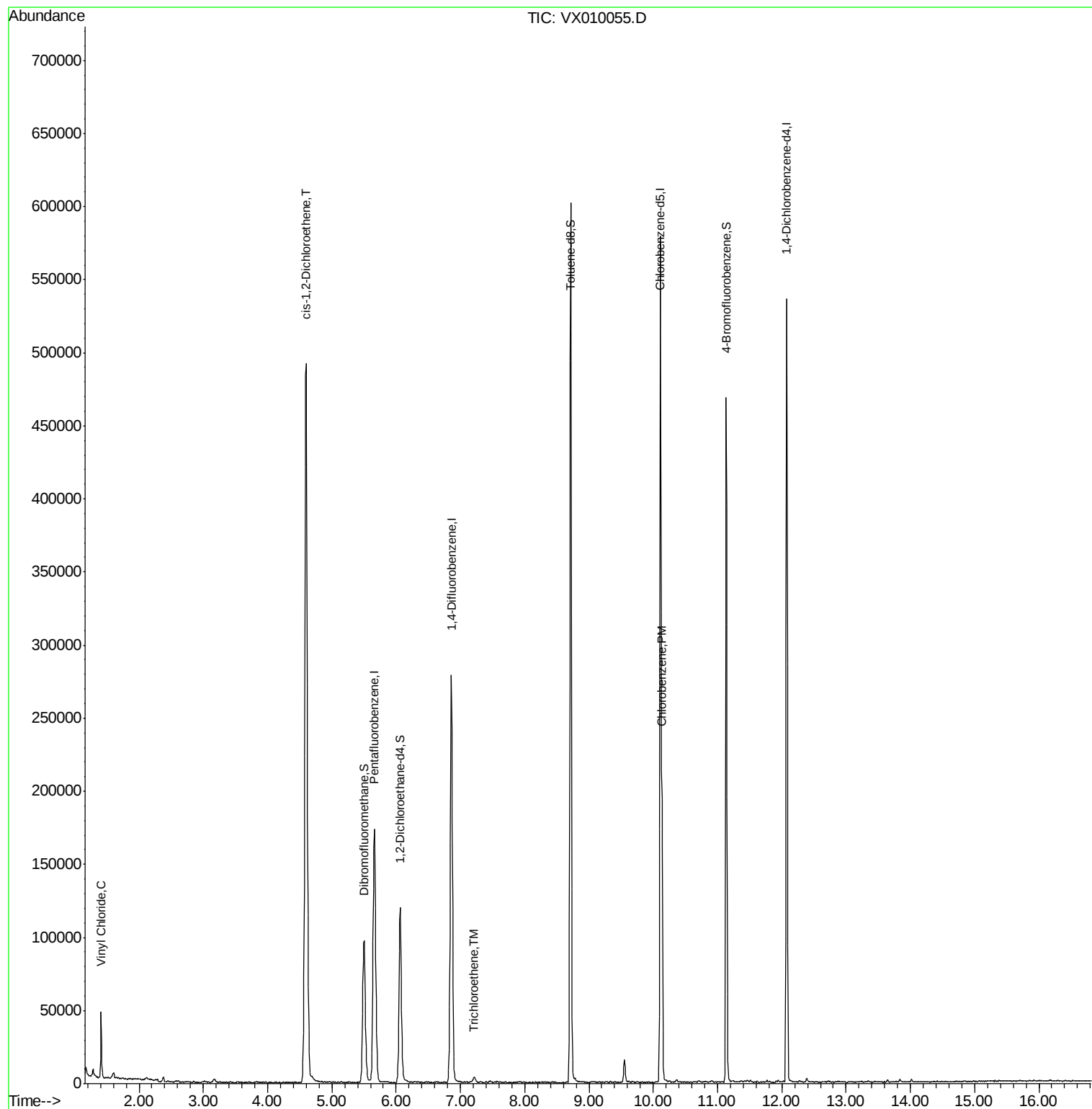
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112973	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	83902	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	8.71	98	346020	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	117748	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
4) Vinyl Chloride	1.41	62	31295	12.289	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	306644	137.098	ug/l	86
44) Trichloroethene	7.21	130	1296	0.650	ug/l	78
65) Chlorobenzene	10.13	112	71440	13.755	ug/l	100

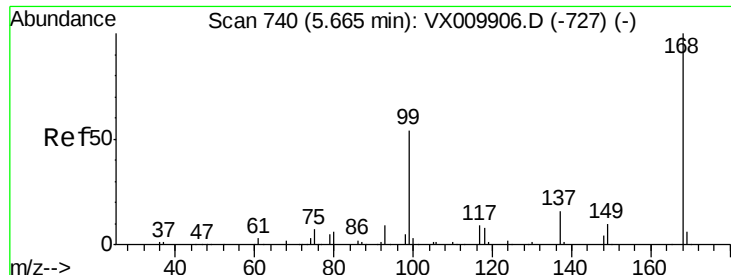
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010055.D

Acq: 04 Jun 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

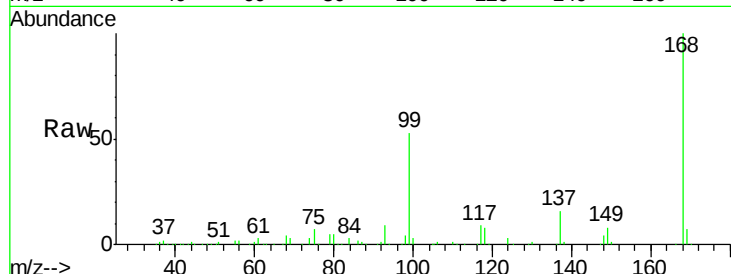
LF014RW131-190530

Tot Ion:168 Resp: 171954

Ion Ratio Lower Upper

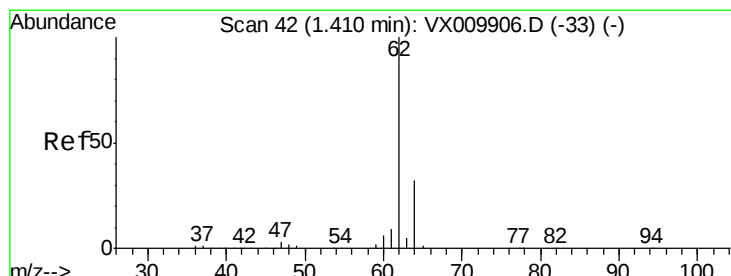
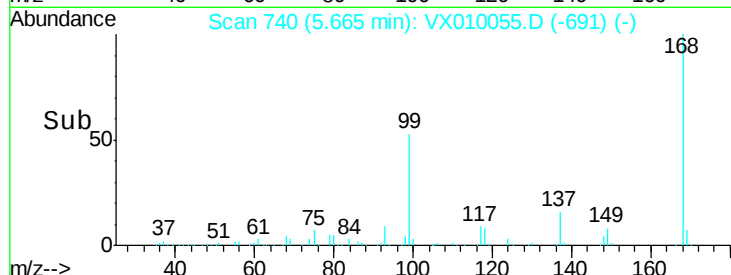
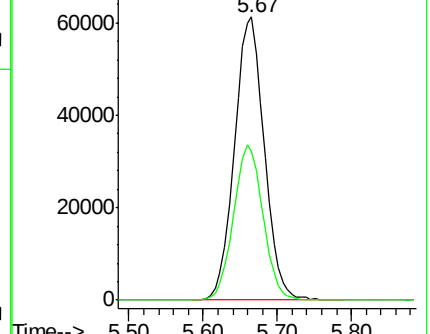
168 100

99 52.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 12.289 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010055.D

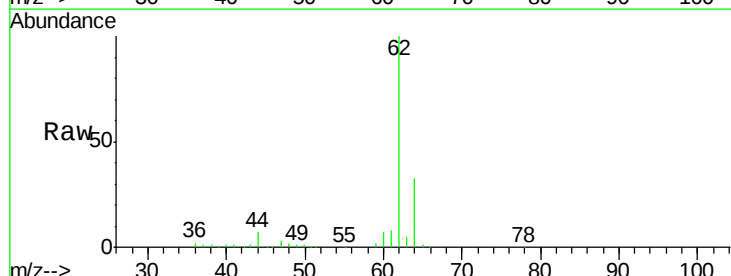
Acq: 04 Jun 2019 12:26

Tgt Ion: 62 Resp: 31295

Ion Ratio Lower Upper

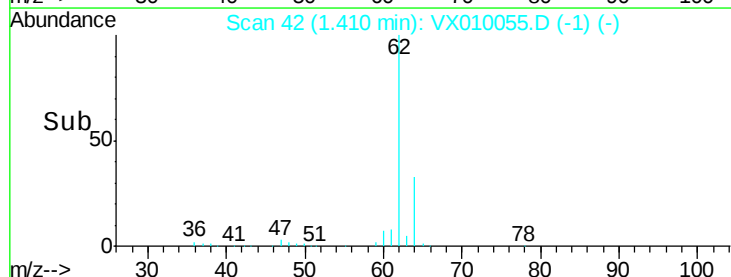
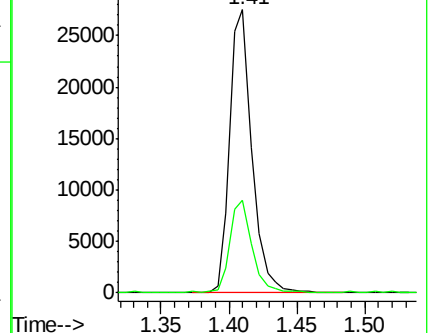
62 100

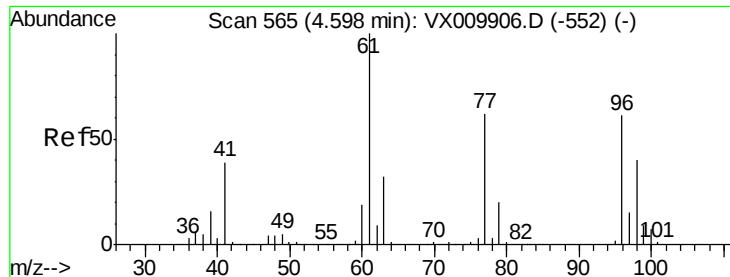
64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



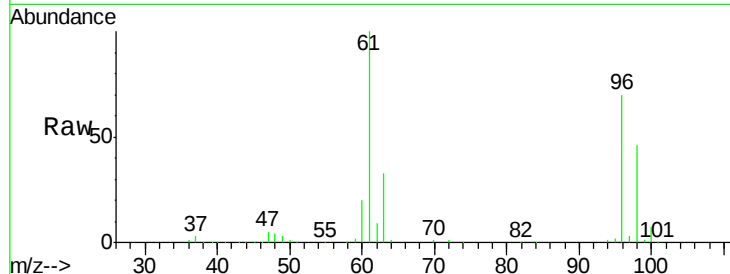


#27

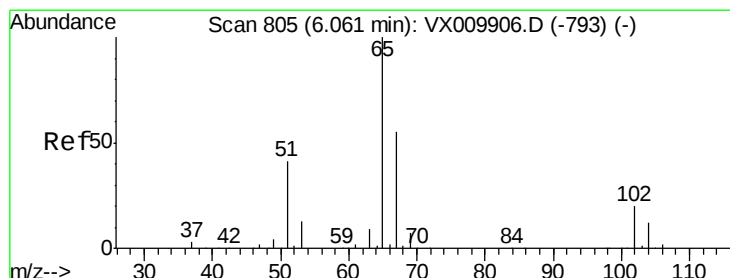
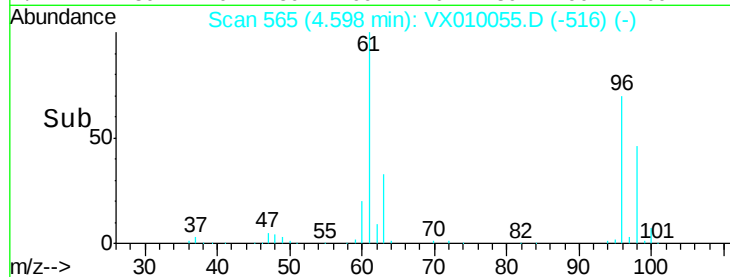
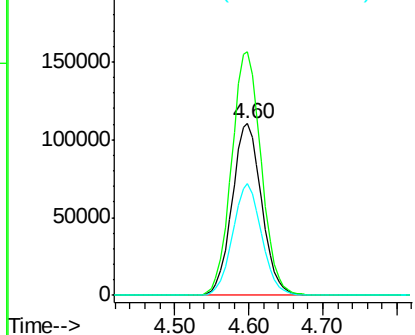
cis-1,2-Dichloroethene
 Concen: 137.098 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010055.D
 Acq: 04 Jun 2019 12:26

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-190530

Tot Ion	96	Resp	306644
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	334.0
98	63.8	0.0	131.6



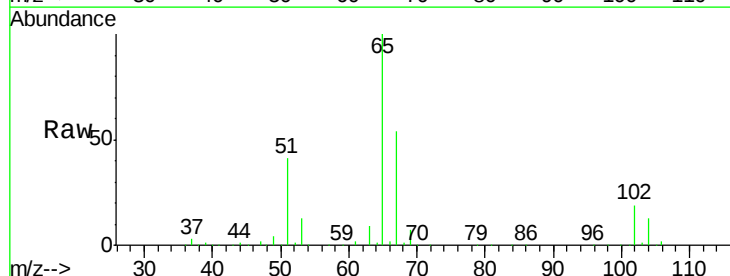
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



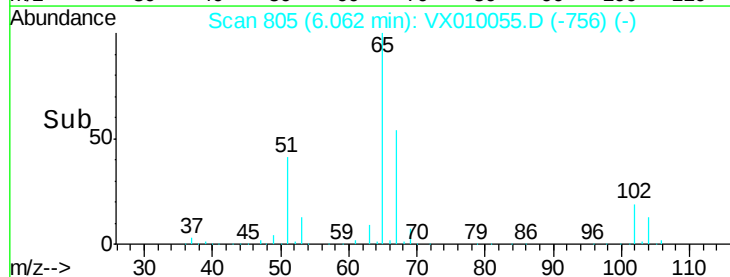
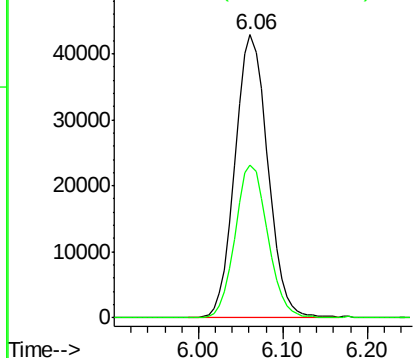
#33

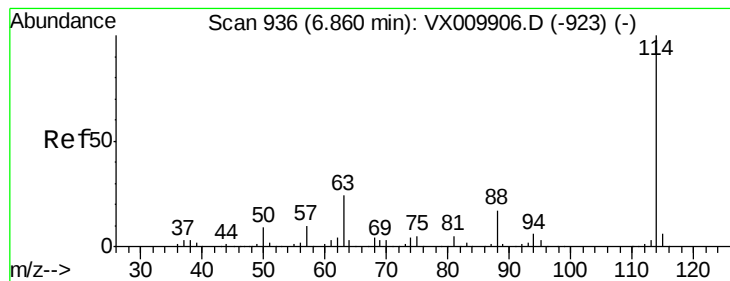
1,2-Dichloroethane-d4
 Concen: 46.510 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010055.D
 Acq: 04 Jun 2019 12:26

Tgt Ion	65	Resp	112973
Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VX010055.D

Acq: 04 Jun 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-190530

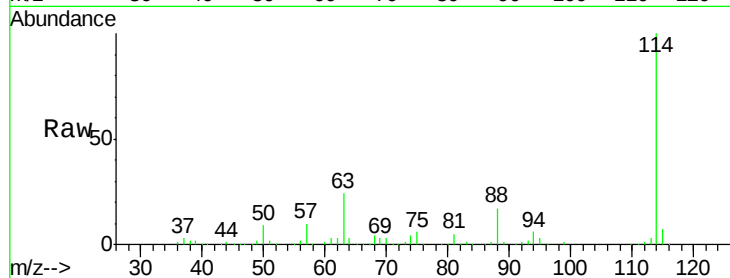
Tot Ion:114 Resp: 272690

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

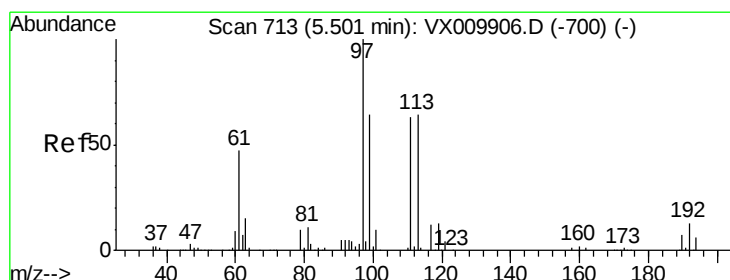
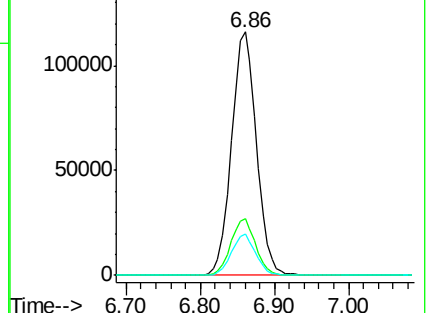
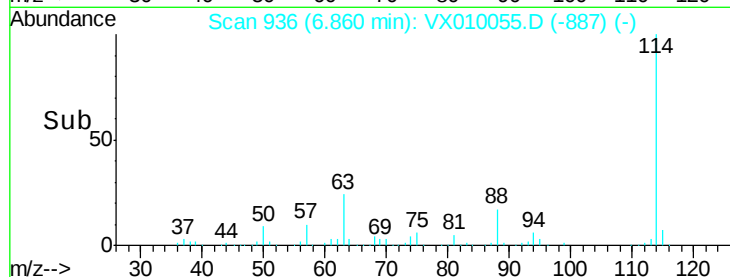
88 16.9 0.0 33.0



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: 48.939 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010055.D

Acq: 04 Jun 2019 12:26

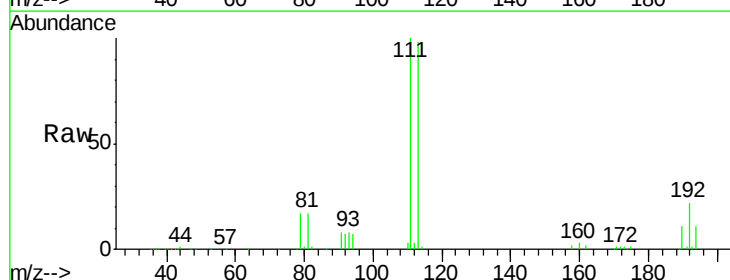
Tgt Ion:113 Resp: 83902

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

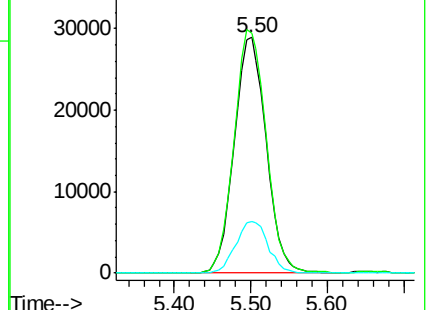
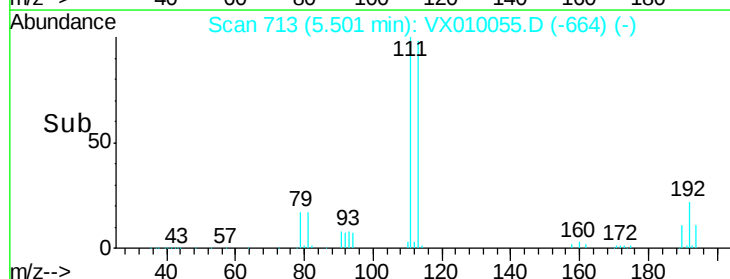
192 22.1 17.1 25.7

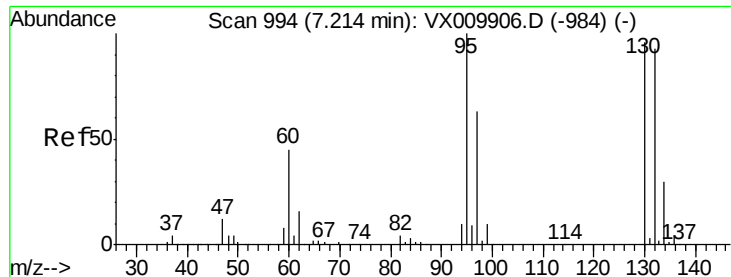


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.650 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010055.D

Acq: 04 Jun 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

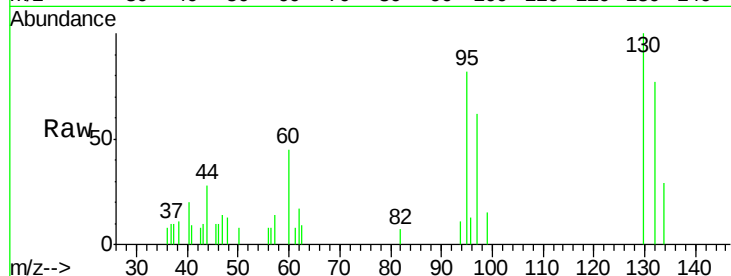
LF014RW131-190530

Tot Ion:130 Resp: 1296

Ion Ratio Lower Upper

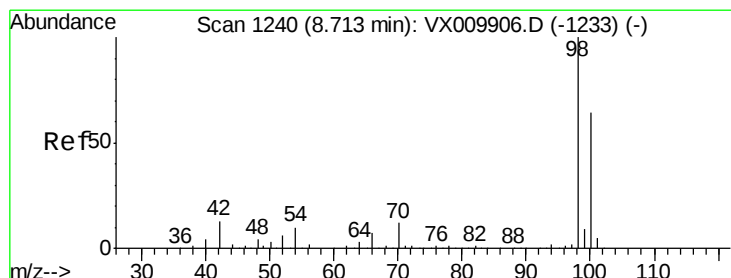
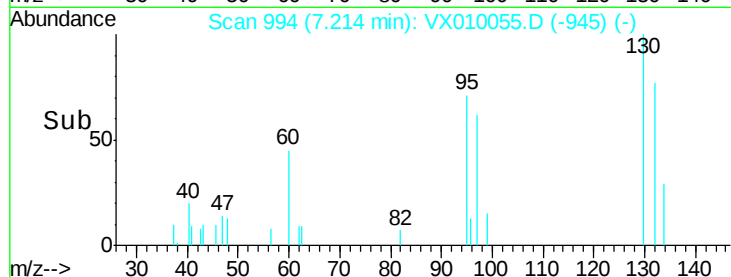
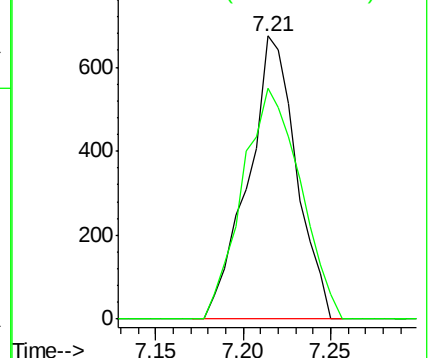
130 100

95 81.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.702 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010055.D

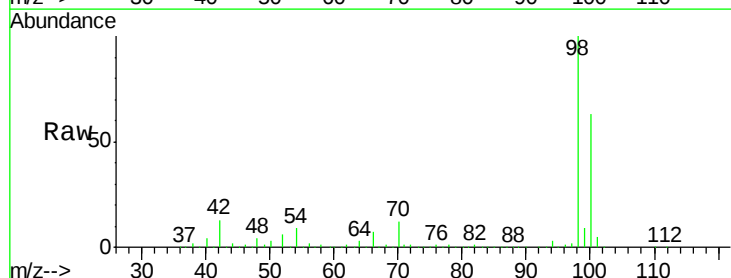
Acq: 04 Jun 2019 12:26

Tgt Ion: 98 Resp: 346020

Ion Ratio Lower Upper

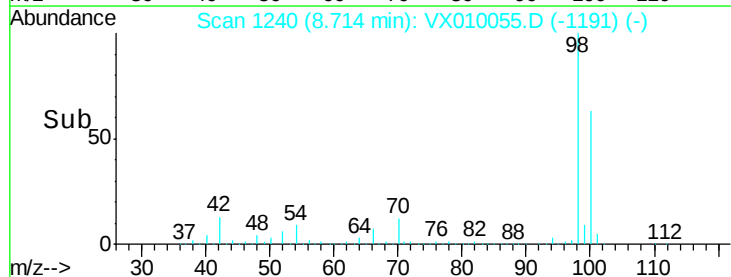
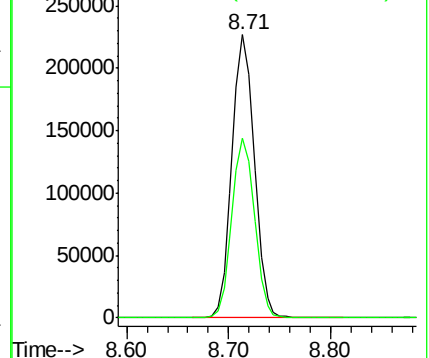
98 100

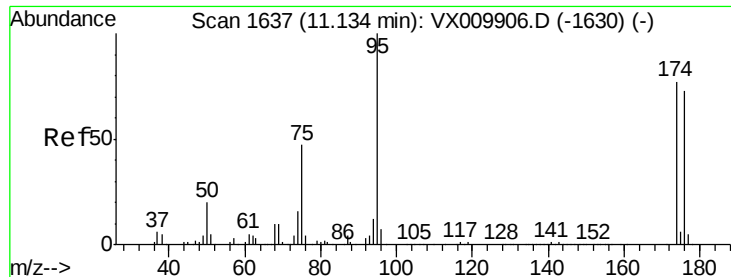
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.088 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010055.D

Acq: 04 Jun 2019 12:26

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-190530

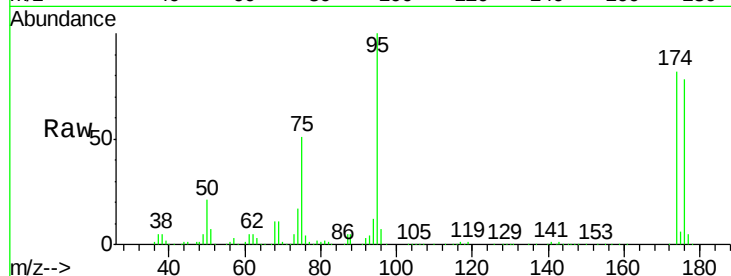
Tot Ion: 95 Resp: 117748

Ion Ratio Lower Upper

95 100

174 84.7 0.0 160.4

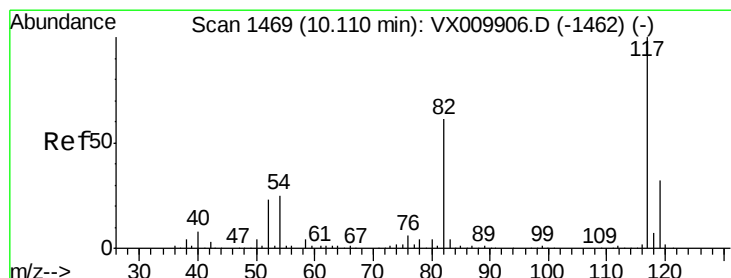
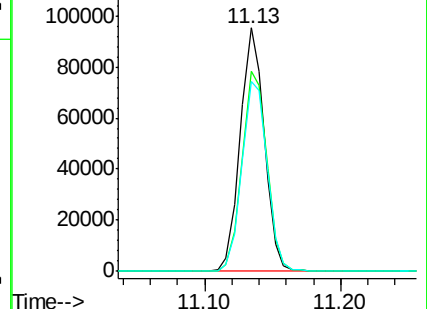
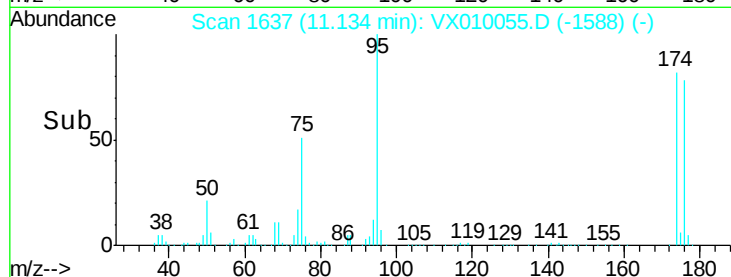
176 82.0 0.0 154.6



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: VX010055.D

Acq: 04 Jun 2019 12:26

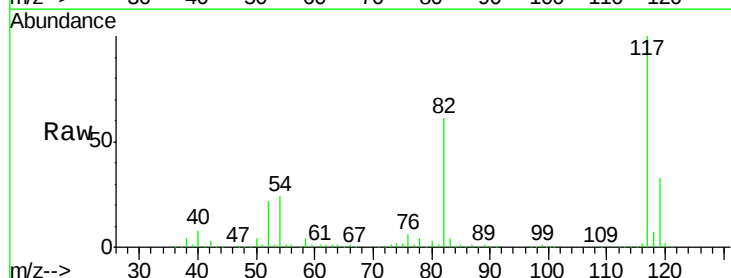
Tgt Ion: 117 Resp: 248089

Ion Ratio Lower Upper

117 100

82 60.6 49.2 73.8

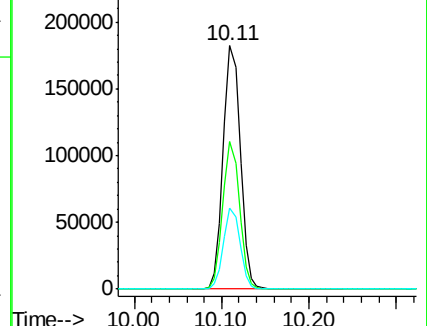
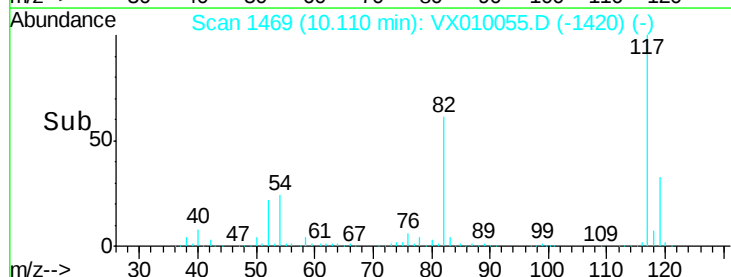
119 33.4 25.2 37.8

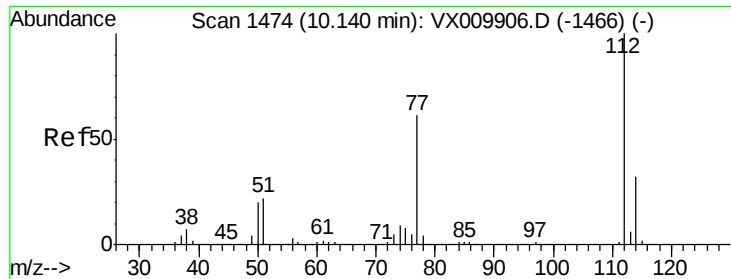


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

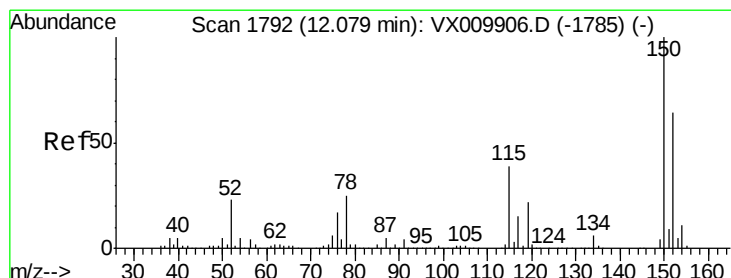
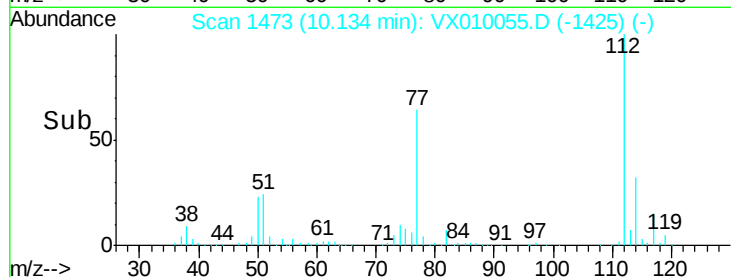
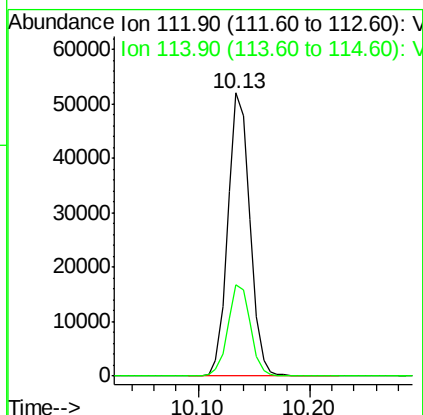
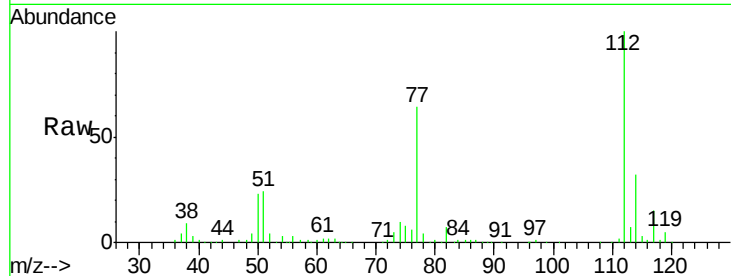




#65
Chlorobenzene
Concen: 13.755 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX010055.D
Acq: 04 Jun 2019 12:26

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-190530

Tot Ion:112 Resp: 71440
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010055.D
Acq: 04 Jun 2019 12:26

Tgt Ion:152 Resp: 111126
Ion Ratio Lower Upper
152 100
115 58.8 41.4 124.2
150 156.6 0.0 345.2

