

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
 Data File : VX010037.D
 Acq On : 03 Jun 2019 15:37
 Operator : JC/SP
 Sample : K3131-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-190530DL

Quant Time: Jun 04 04:41:34 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

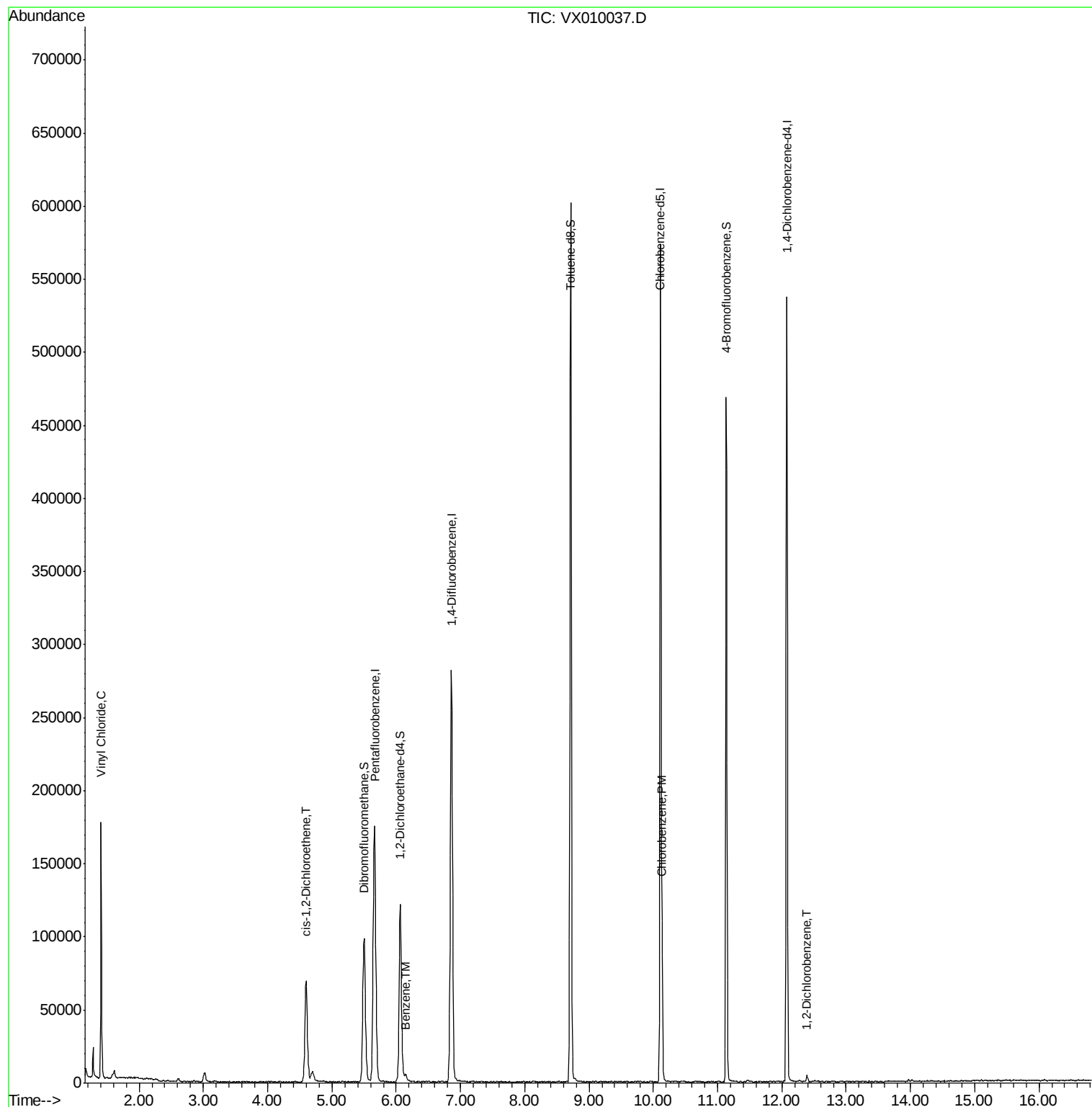
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	276129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114288	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	5.50	113	84849	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	350857	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	119709	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
Target Compounds						
4) Vinyl Chloride	1.41	62	114727	44.569	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	42931	18.988	ug/l	87
40) Benzene	6.15	78	4989	0.600	ug/l	100
65) Chlorobenzene	10.14	112	34628	6.551	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	1445	0.395	ug/l	95

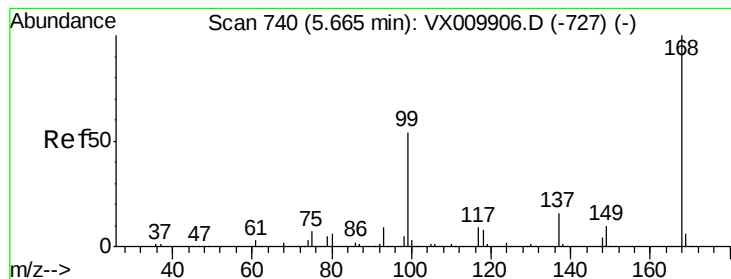
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010037.D

Acq: 03 Jun 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

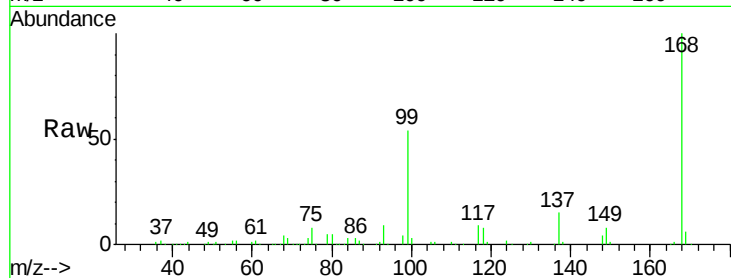
LF014MW015-190530DL

Tot Ion:168 Resp: 173818

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

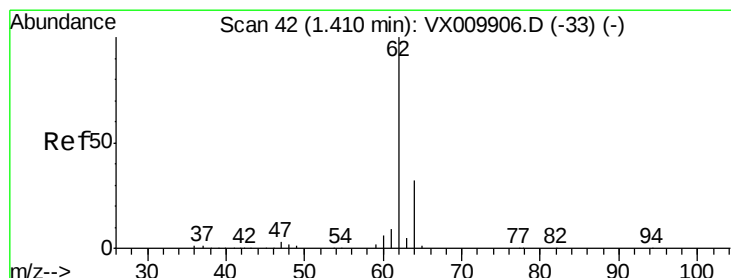
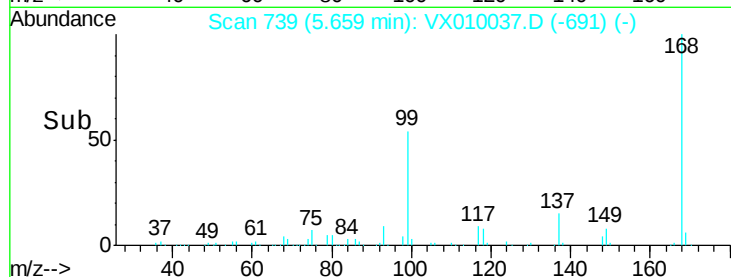
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 44.569 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010037.D

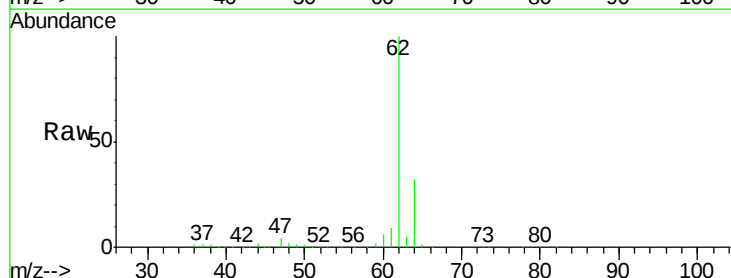
Acq: 03 Jun 2019 15:37

Tgt Ion: 62 Resp: 114727

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

1.41

120000

100000

80000

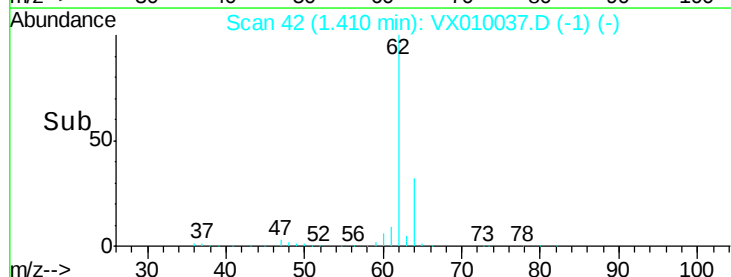
60000

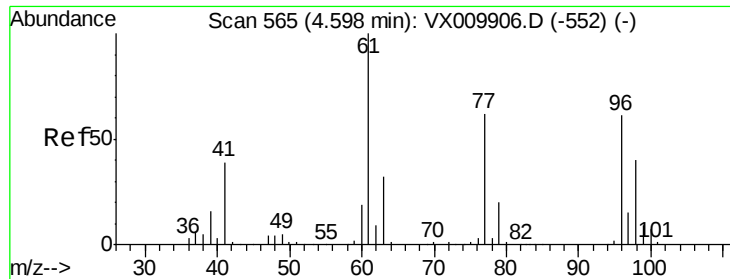
40000

20000

0

Time--> 1.35 1.40 1.45 1.50



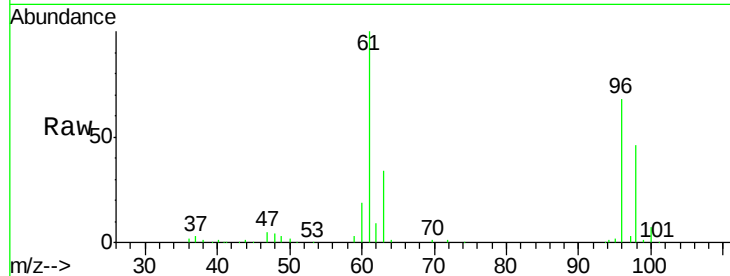


#27

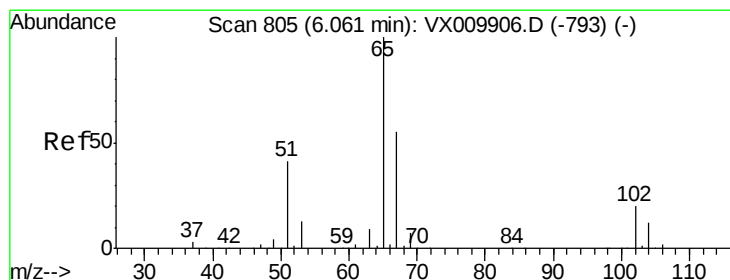
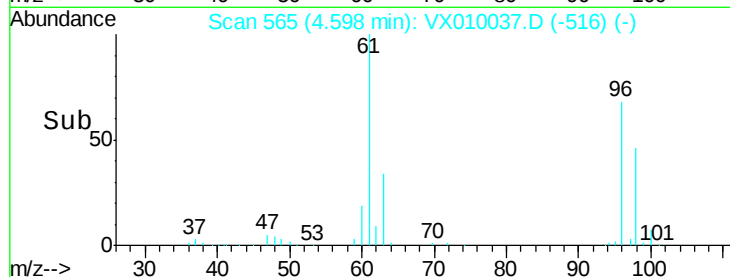
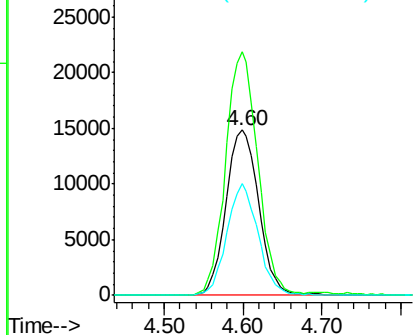
cis-1,2-Dichloroethene
 Concen: 18.988 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010037.D
 Acq: 03 Jun 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-190530DL

Tot Ion	96	Resp	42931
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	334.0
98	64.3	0.0	131.6



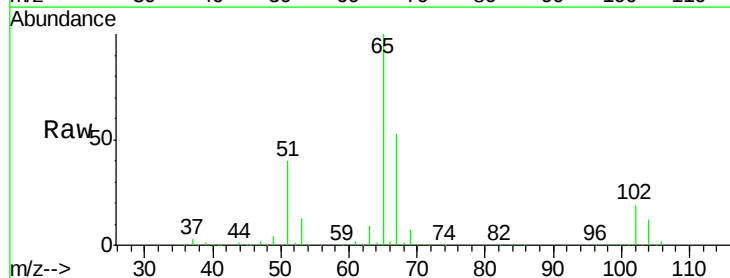
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



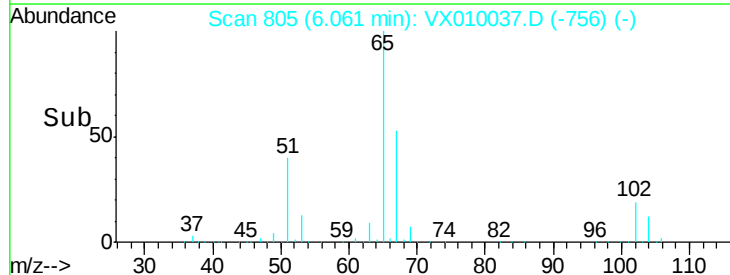
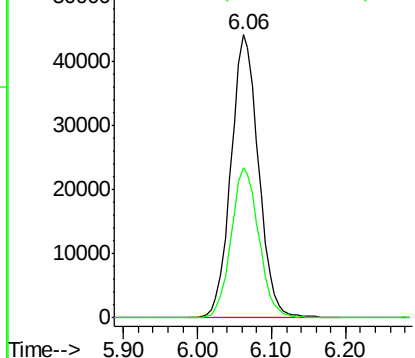
#33

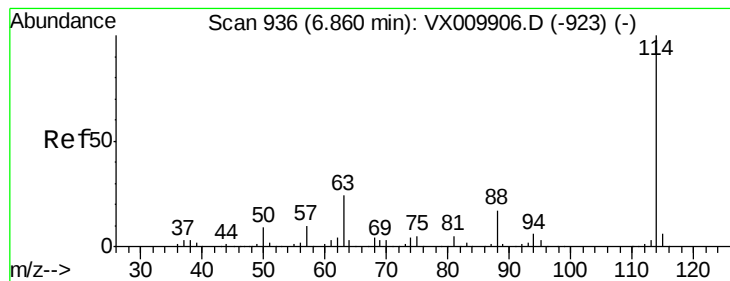
1,2-Dichloroethane-d4
 Concen: 46.547 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010037.D
 Acq: 03 Jun 2019 15:37

Tgt Ion	65	Resp	114288
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX010037.D

Acq: 03 Jun 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-190530DL

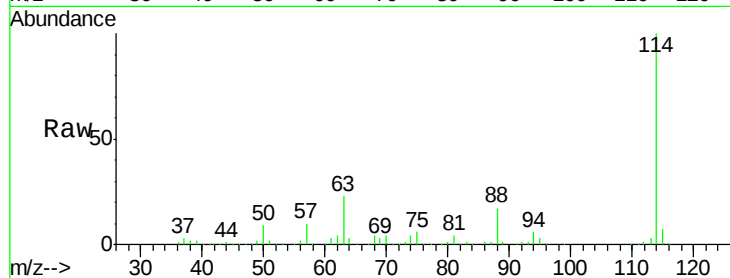
Tot Ion:114 Resp: 276129

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.4

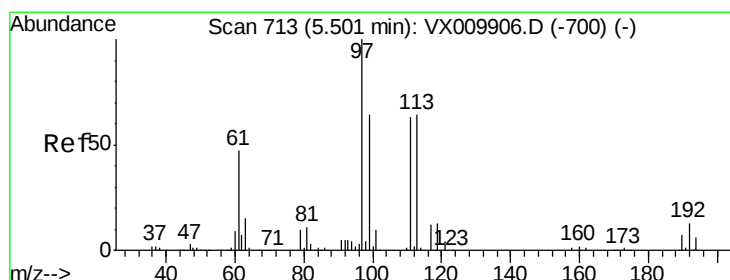
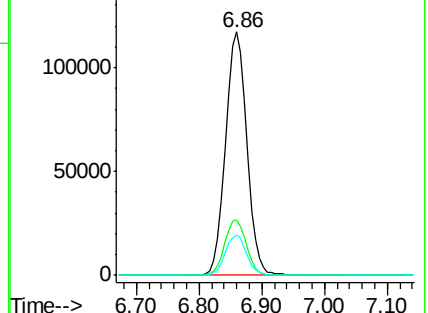
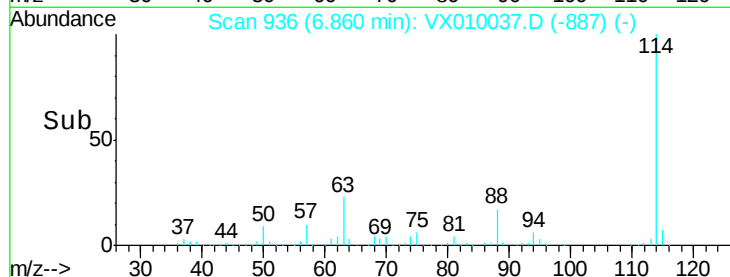
88 16.6 0.0 33.0



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: 48.875 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010037.D

Acq: 03 Jun 2019 15:37

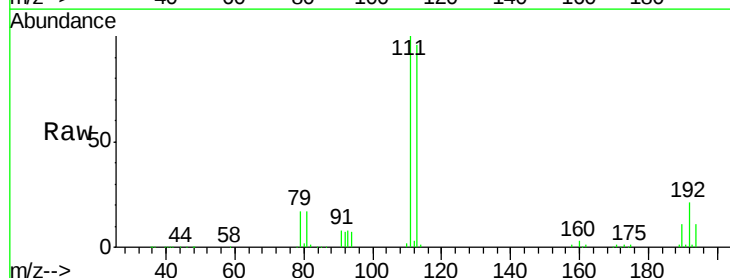
Tgt Ion:113 Resp: 84849

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

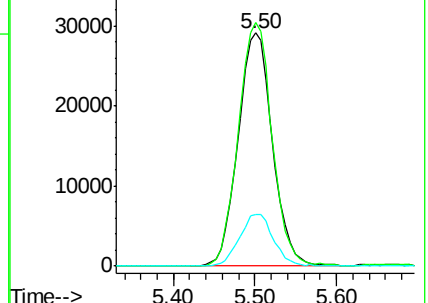
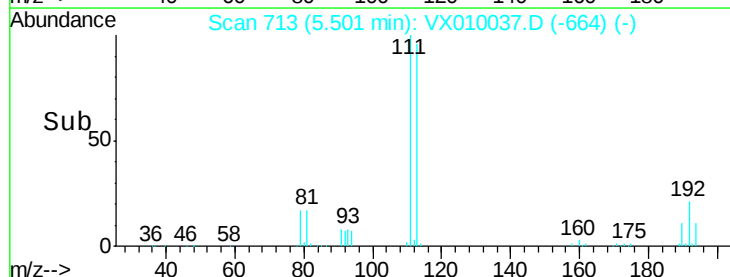
192 22.1 17.1 25.7

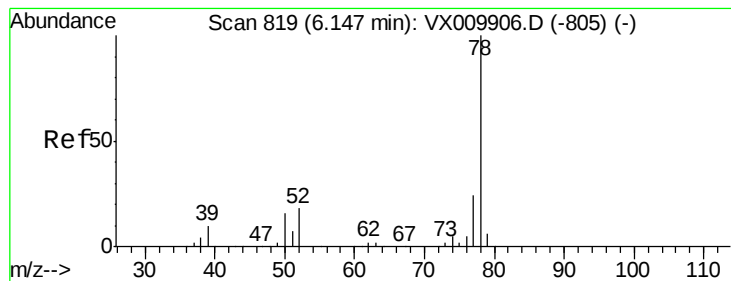


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.600 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX010037.D

Acq: 03 Jun 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

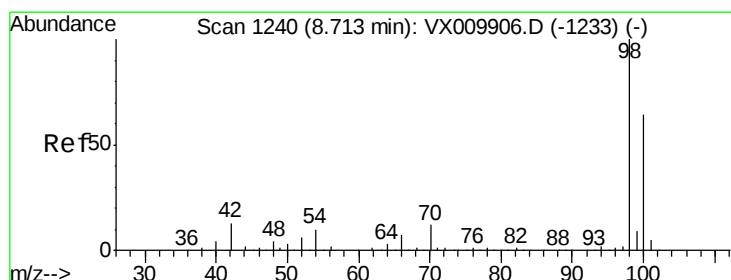
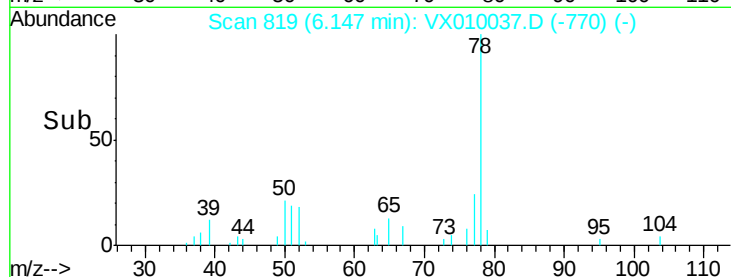
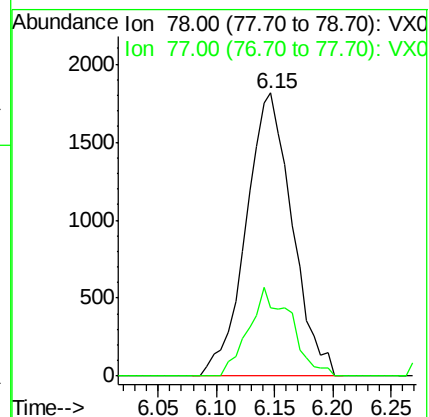
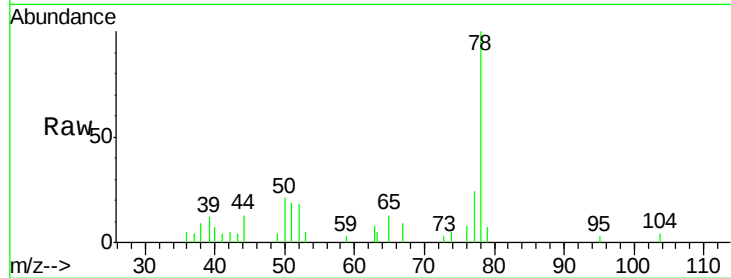
LF014MW015-190530DL

Tot Ion: 78 Resp: 4989

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8



#50

Toluene-d8

Concen: 49.770 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010037.D

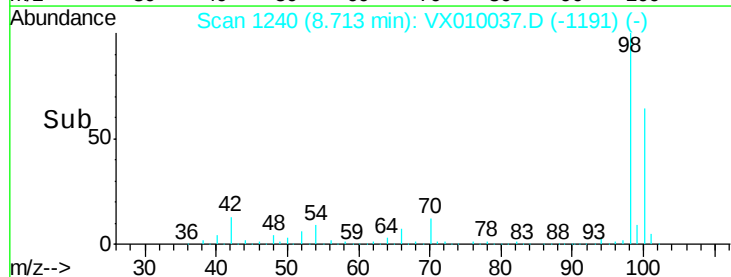
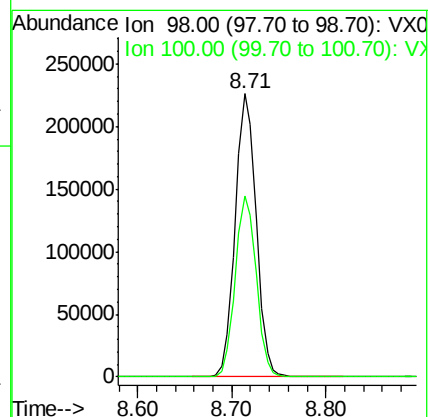
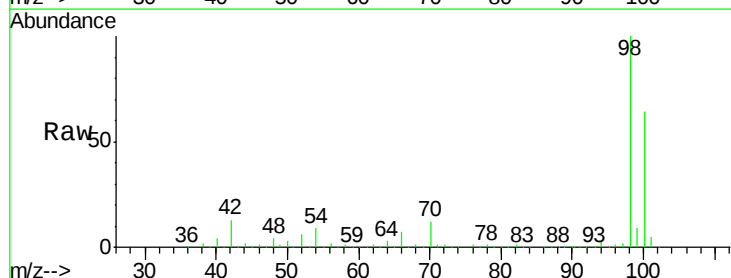
Acq: 03 Jun 2019 15:37

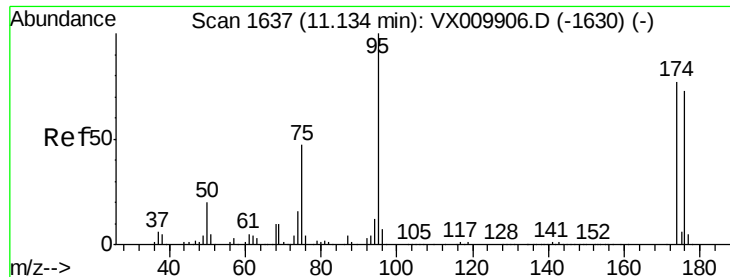
Tgt Ion: 98 Resp: 350857

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 47.276 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010037.D

Acq: 03 Jun 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-190530DL

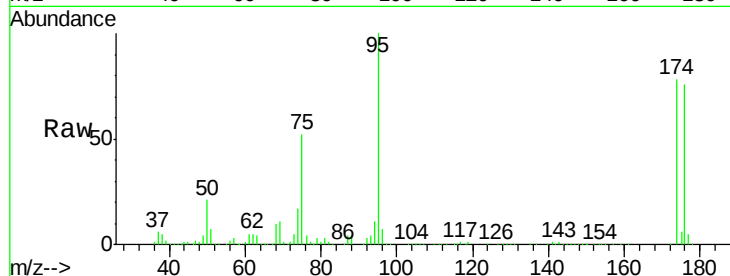
Tot Ion: 95 Resp: 119709

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

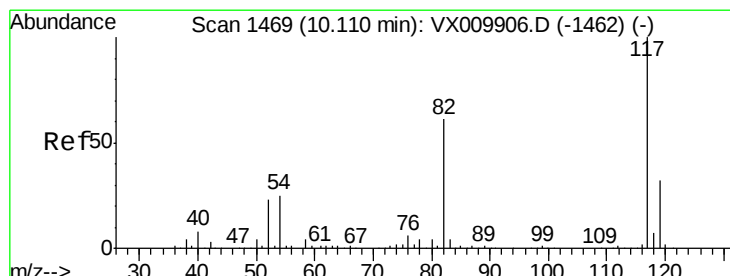
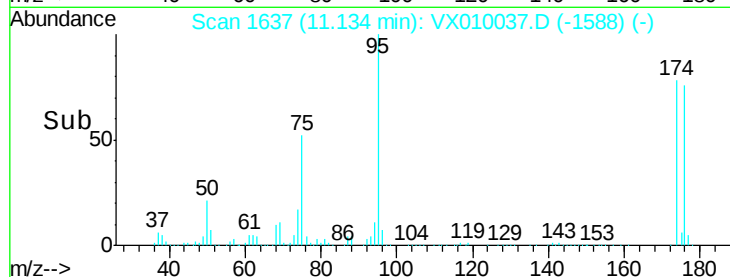
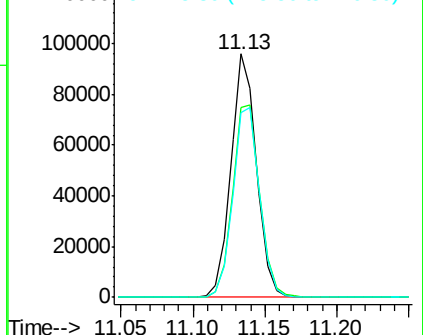
176 81.9 0.0 154.6



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: VX010037.D

Acq: 03 Jun 2019 15:37

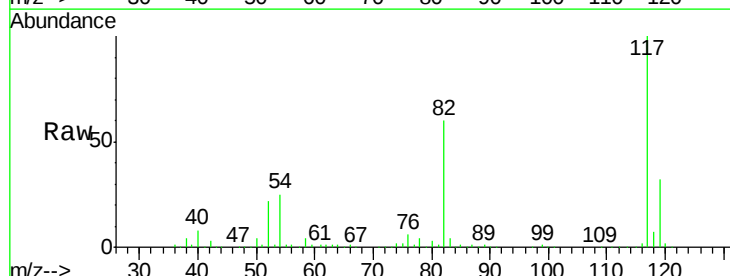
Tgt Ion: 117 Resp: 252491

Ion Ratio Lower Upper

117 100

82 60.4 49.2 73.8

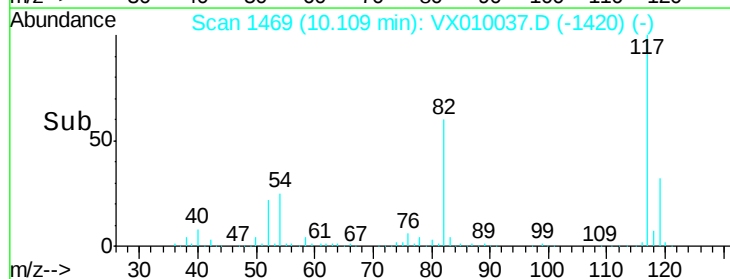
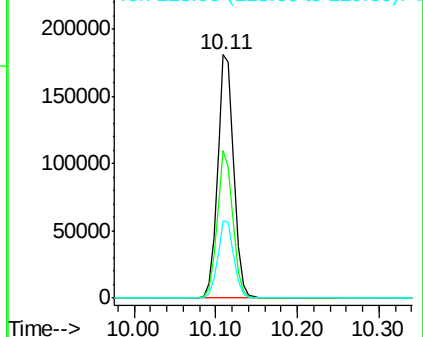
119 31.7 25.2 37.8

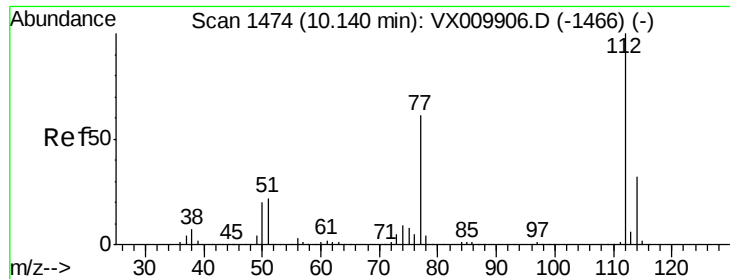


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

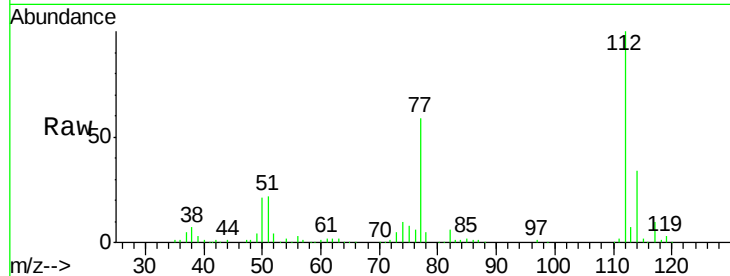




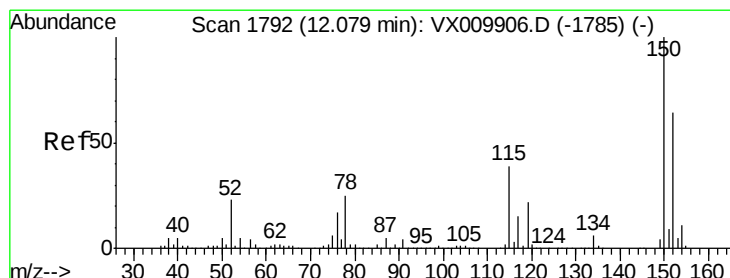
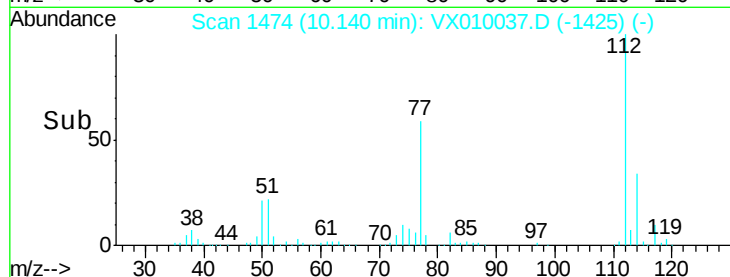
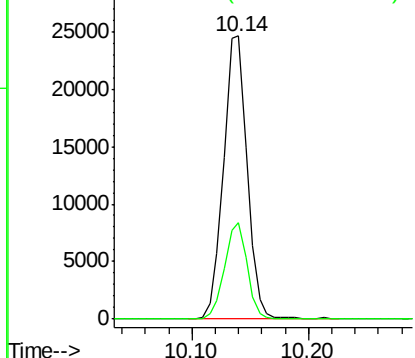
#65
Chlorobenzene
Concen: 6.551 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX010037.D
Acq: 03 Jun 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
LF014MW015-190530DL

Tot Ion:112 Resp: 34628
Ion Ratio Lower Upper
112 100
114 34.0 25.8 38.8

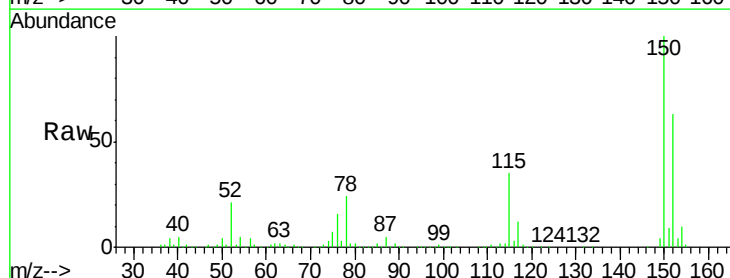


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

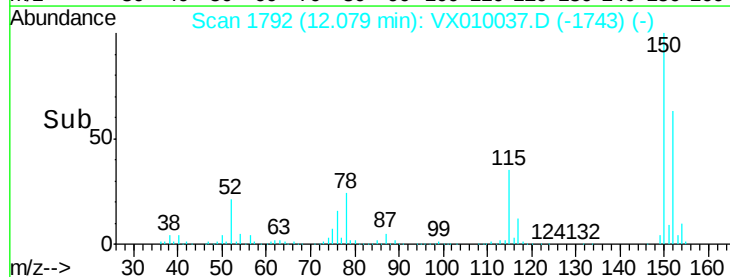
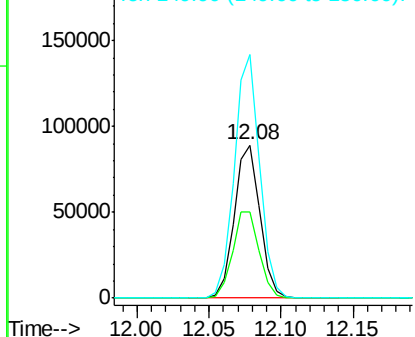


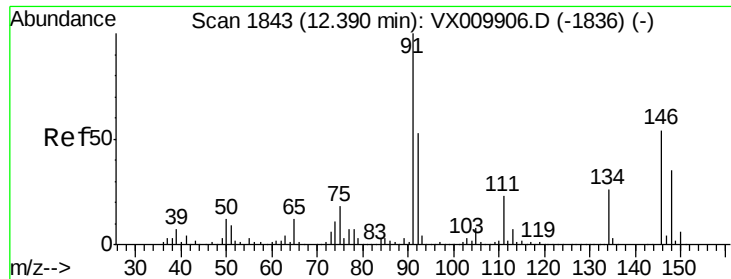
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010037.D
Acq: 03 Jun 2019 15:37

Tgt Ion:152 Resp: 110970
Ion Ratio Lower Upper
152 100
115 58.5 41.4 124.2
150 157.4 0.0 345.2



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

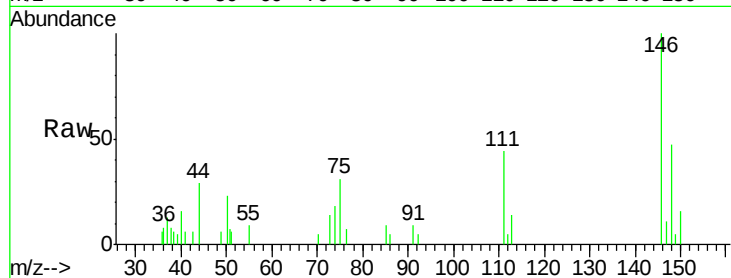




#91
 1,2-Dichlorobenzene
 Concen: 0.395 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010037.D
 Acq: 03 Jun 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-190530DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.1	63.1
148	58.0	32.3	96.8



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

