

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010293.D
 Acq On : 14 Jun 2019 12:22
 Operator : JC/SP
 Sample : K3309-02DL2 2000X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-190610DL2

Quant Time: Jun 15 01:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

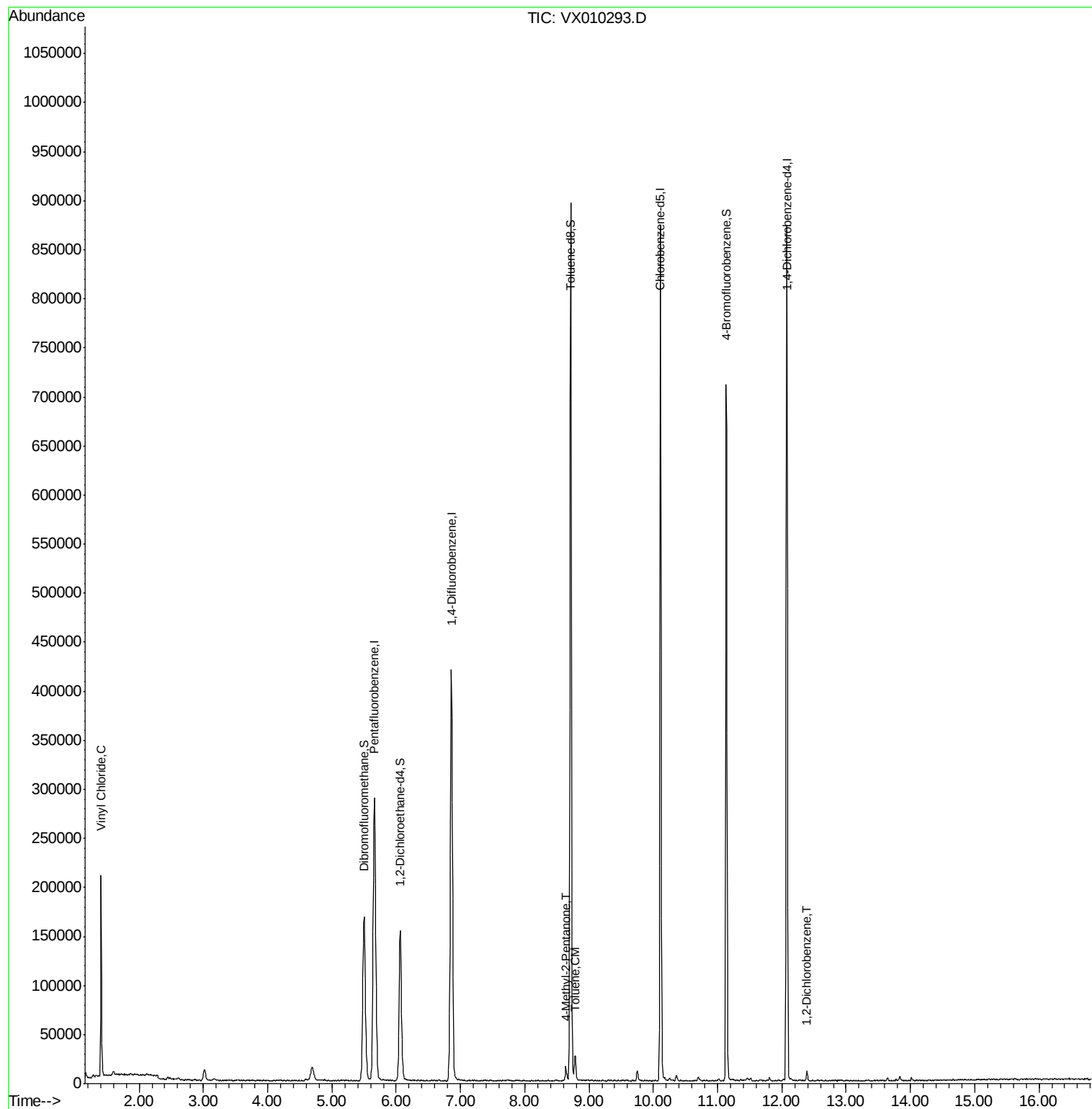
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	466376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	417323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140014	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	5.50	113	141586	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	543882	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.13	95	184072	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
Target Compounds						
4) Vinyl Chloride	1.41	62	135854	51.123	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	8812	2.228	ug/l	88
52) Toluene	8.79	92	9584	1.239	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	2863	0.451	ug/l	98

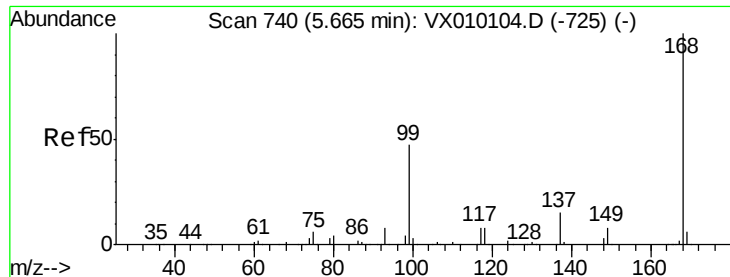
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010293.D

Acq: 14 Jun 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

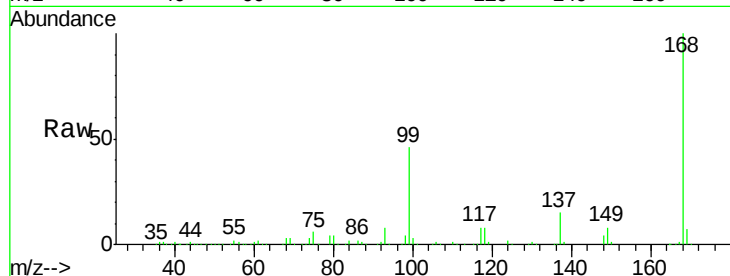
LF001MW001-190610DL2

Tot Ion:168 Resp: 309415

Ion Ratio Lower Upper

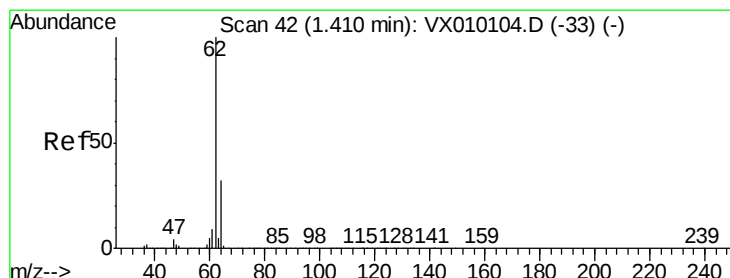
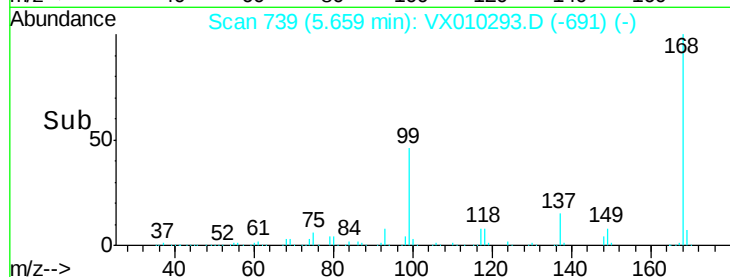
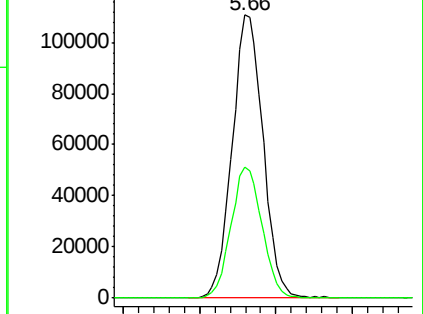
168 100

99 46.3 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: 51.123 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010293.D

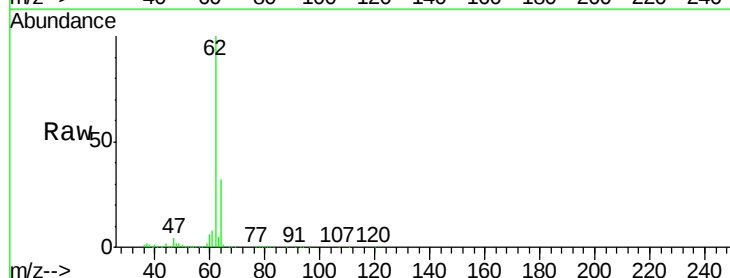
Acq: 14 Jun 2019 12:22

Tgt Ion: 62 Resp: 135854

Ion Ratio Lower Upper

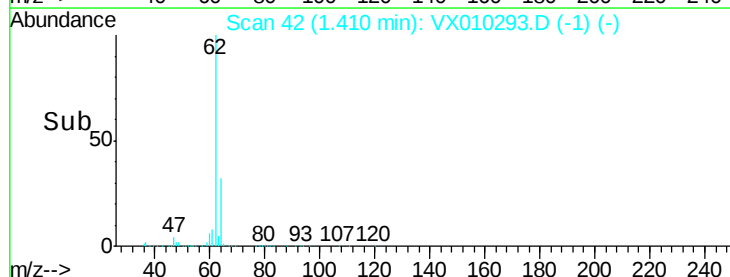
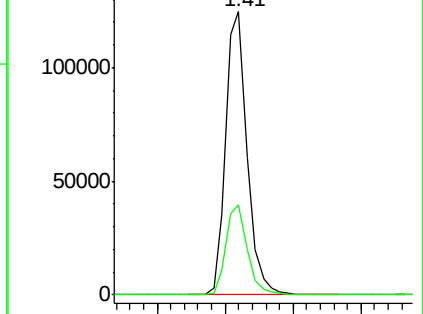
62 100

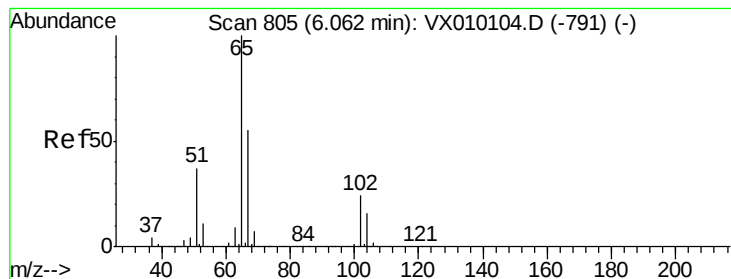
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.359 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

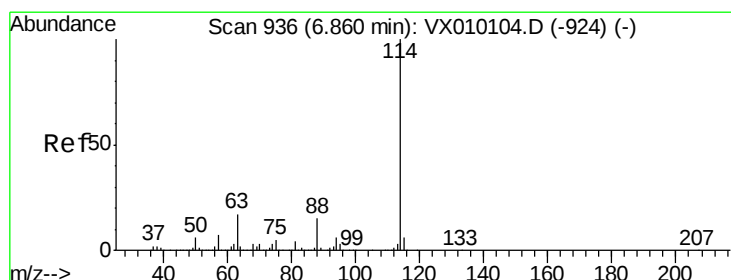
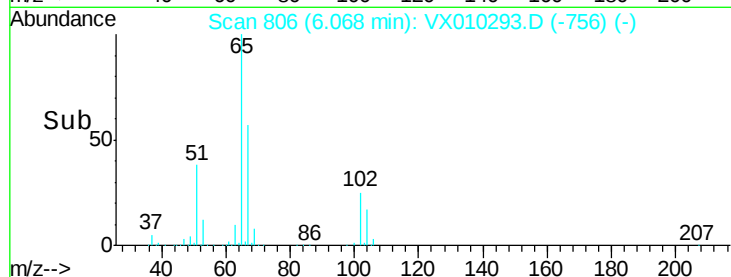
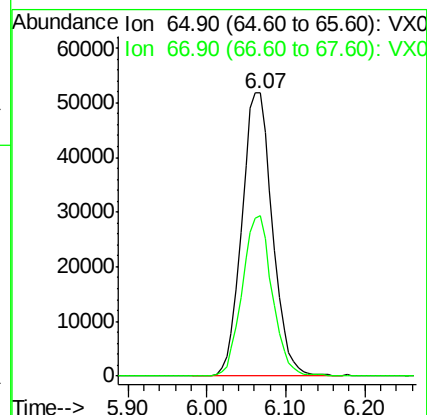
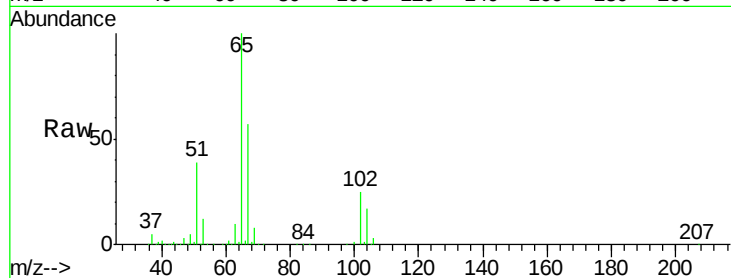
LF001MW001-190610DL2

Tot Ion: 65 Resp: 140014

Ion Ratio Lower Upper

65 100

67 55.4 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

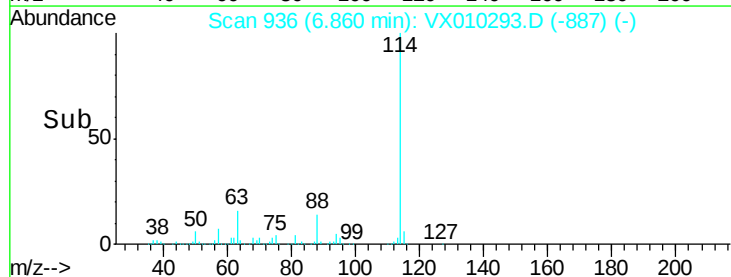
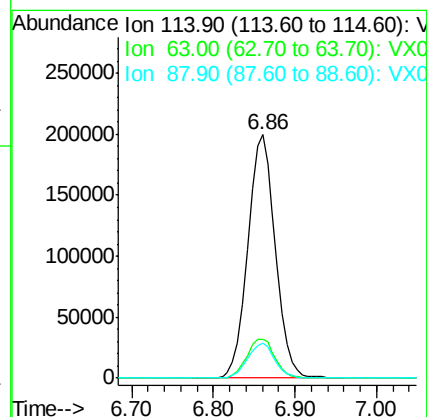
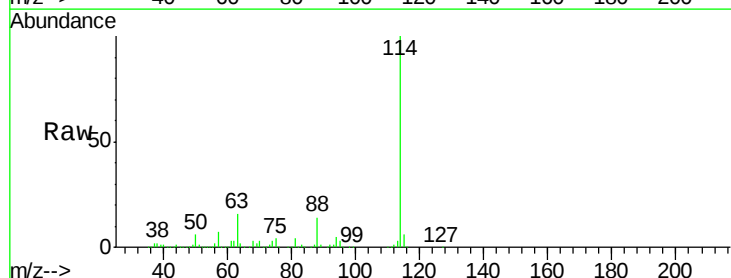
Tgt Ion: 114 Resp: 466376

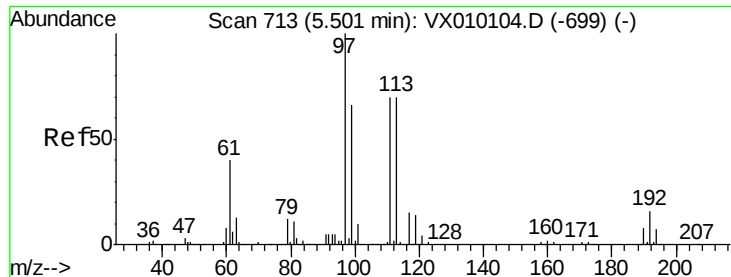
Ion Ratio Lower Upper

114 100

63 16.1 0.0 47.4

88 14.4 0.0 33.0

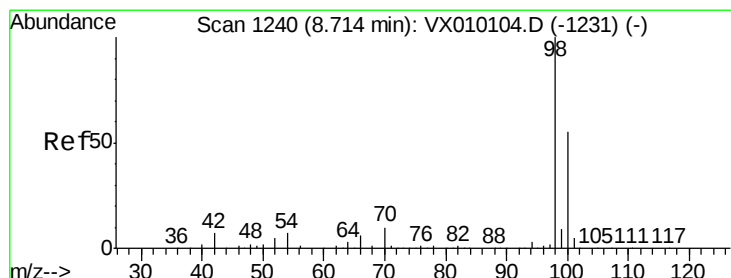
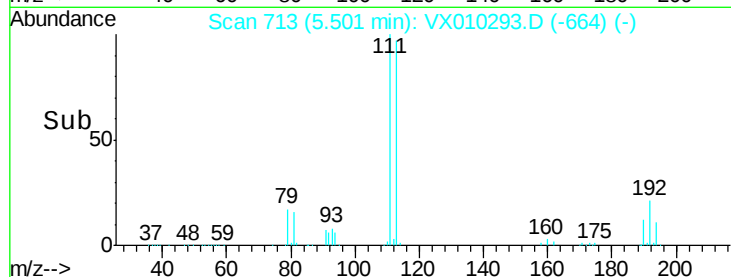
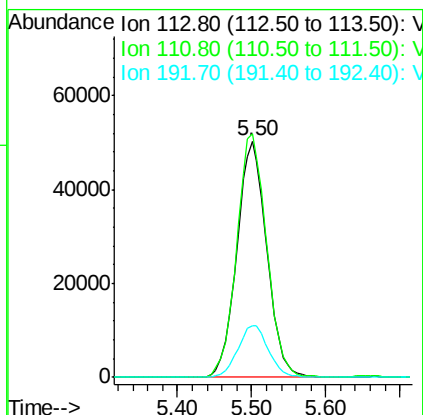
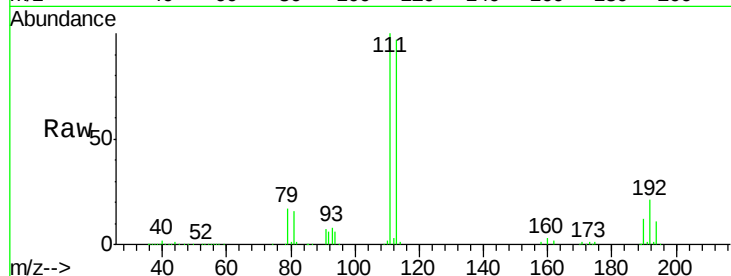




#35
Dibromofluoromethane
Concen: 49.218 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010293.D
Acq: 14 Jun 2019 12:22

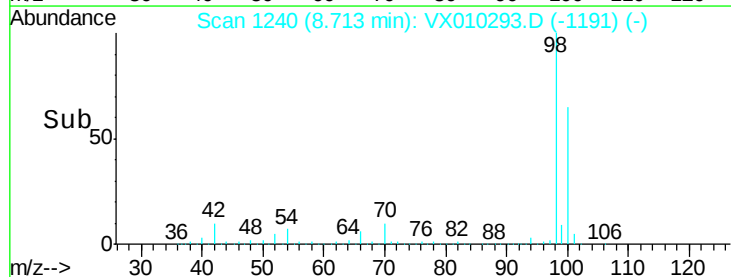
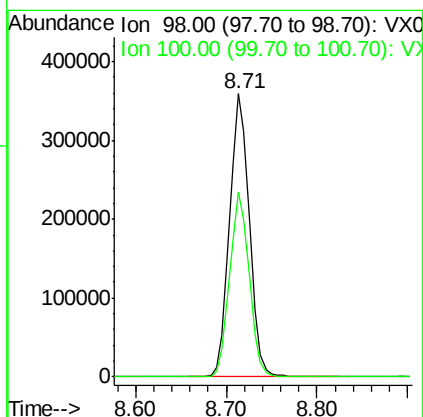
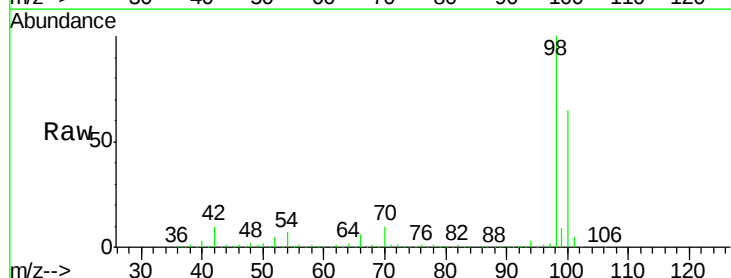
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-190610DL2

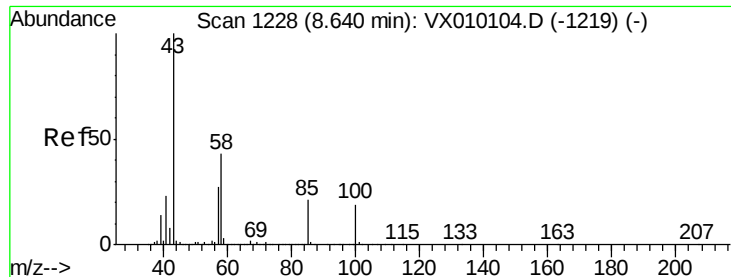
Tot Ion:113 Resp: 141586
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 22.4 17.1 25.7



#50
Toluene-d8
Concen: 50.446 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010293.D
Acq: 14 Jun 2019 12:22

Tgt Ion: 98 Resp: 543882
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 2.228 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

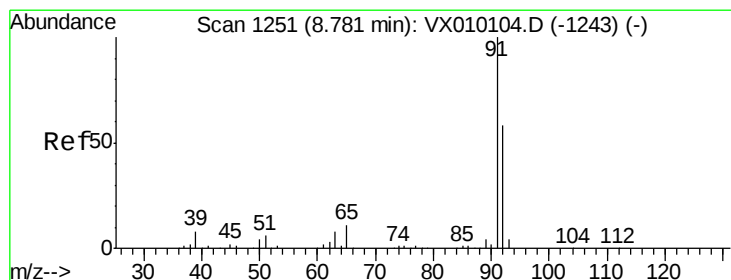
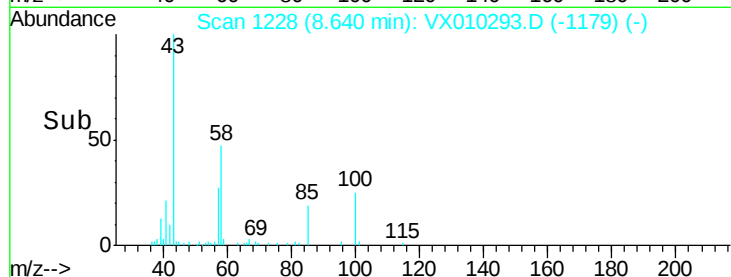
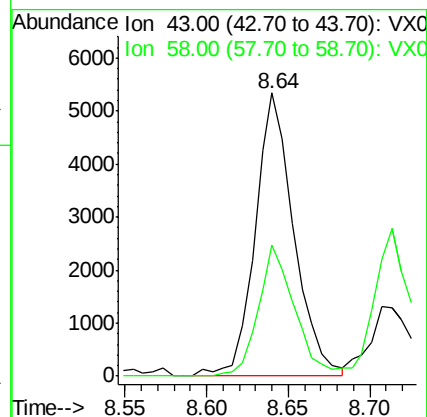
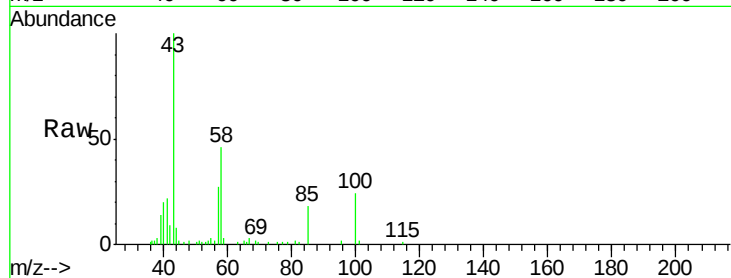
LF001MW001-190610DL2

Tot Ion: 43 Resp: 8812

Ion Ratio Lower Upper

43 100

58 42.8 28.8 43.2



#52

Toluene

Concen: 1.239 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010293.D

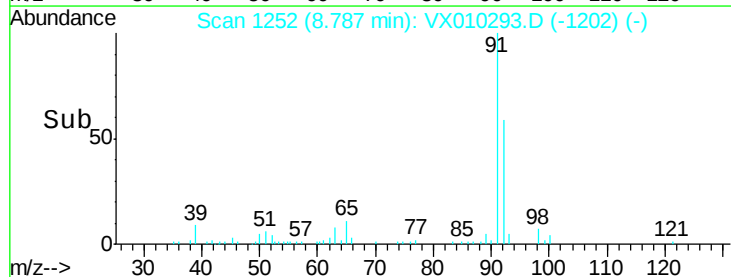
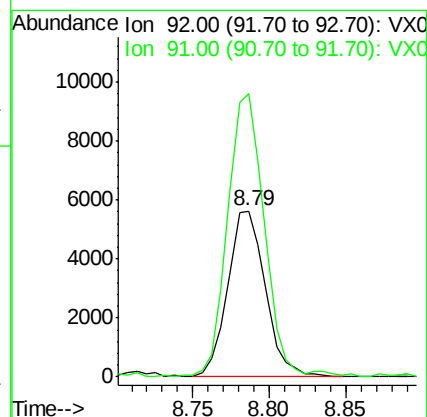
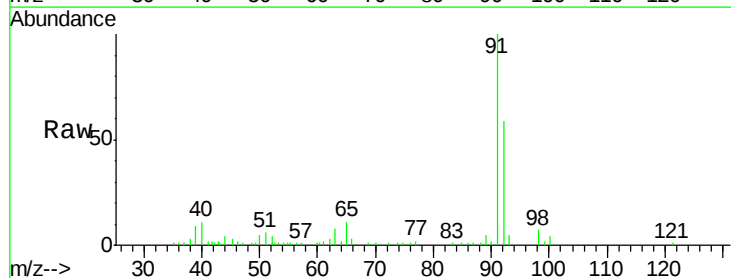
Acq: 14 Jun 2019 12:22

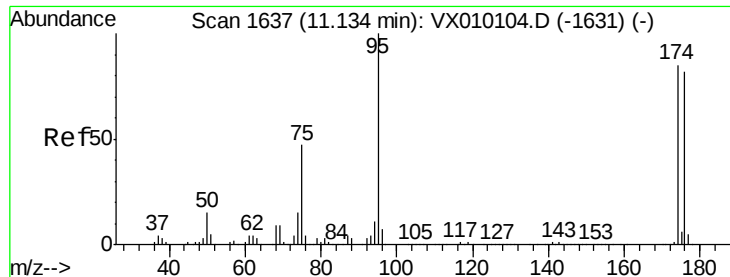
Tgt Ion: 92 Resp: 9584

Ion Ratio Lower Upper

92 100

91 167.7 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 45.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-190610DL2

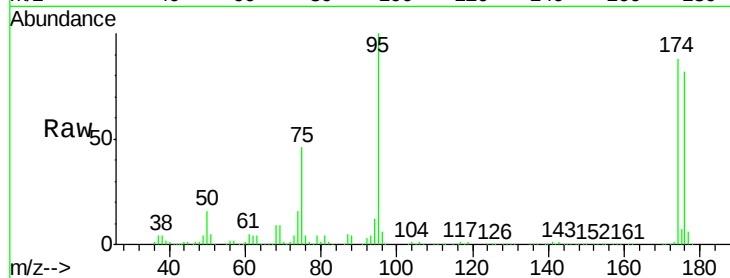
Tot Ion: 95 Resp: 184072

Ion Ratio Lower Upper

95 100

174 94.3 0.0 160.4

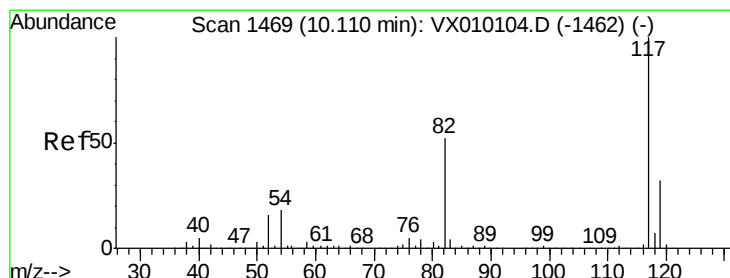
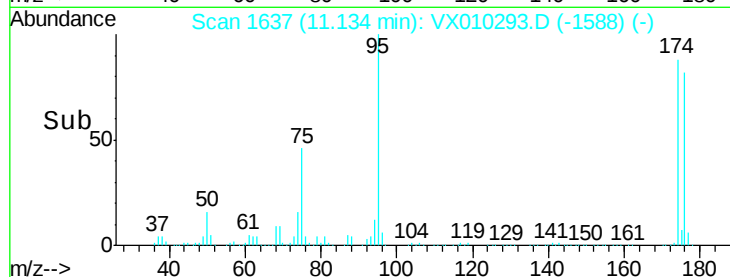
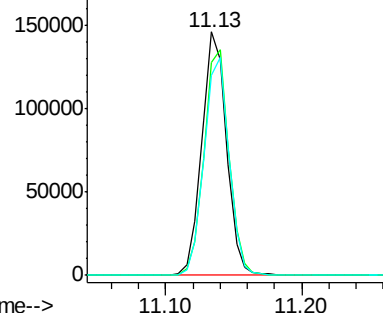
176 91.2 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

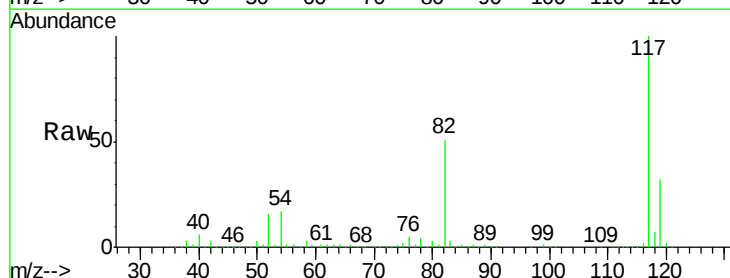
Tgt Ion: 117 Resp: 417323

Ion Ratio Lower Upper

117 100

82 50.8 49.2 73.8

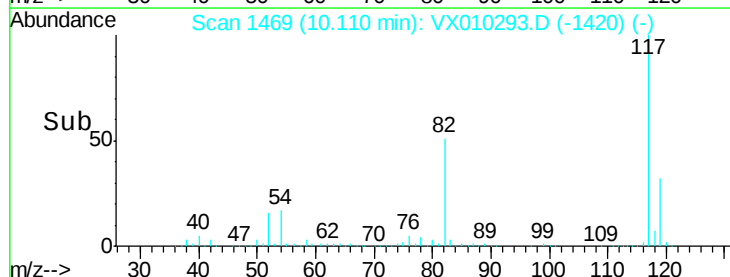
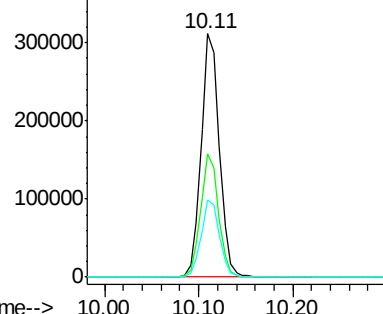
119 32.0 25.2 37.8

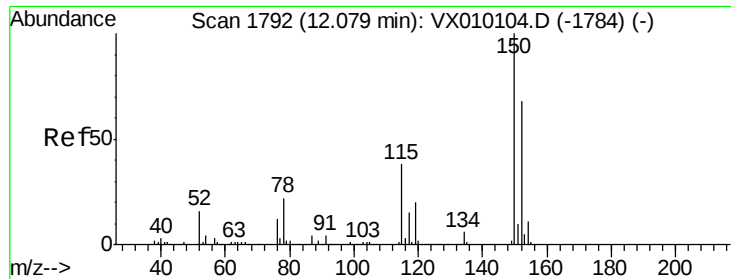


Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-190610DL2

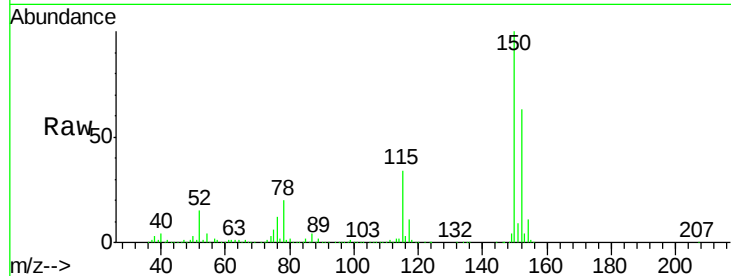
Tot Ion:152 Resp: 193115

Ion Ratio Lower Upper

152 100

115 55.3 41.4 124.2

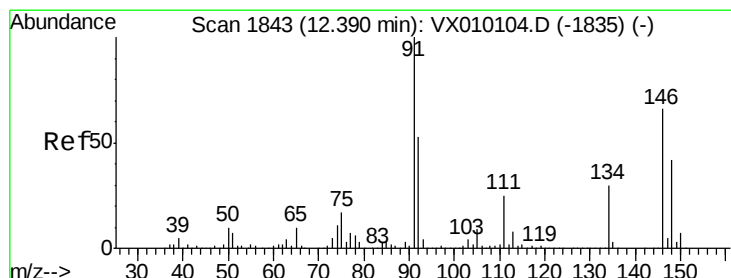
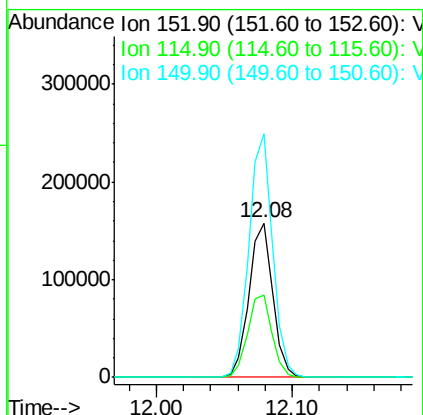
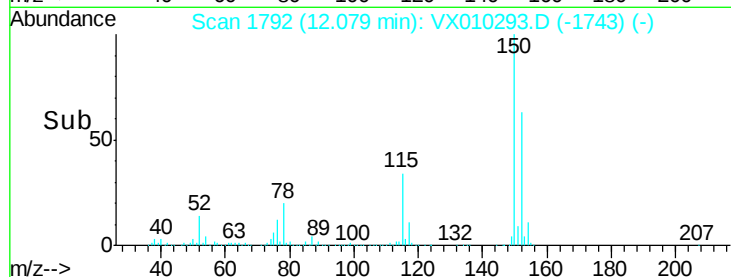
150 158.2 0.0 345.2



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: 0.451 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010293.D

Acq: 14 Jun 2019 12:22

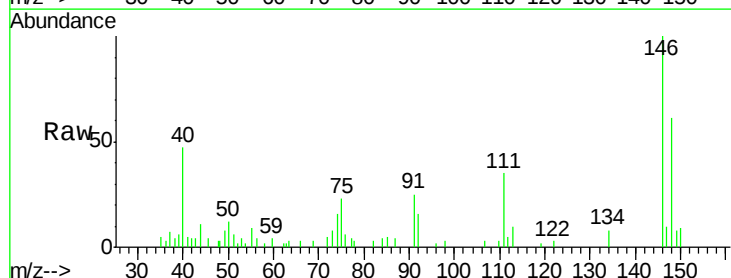
Tgt Ion:146 Resp: 2863

Ion Ratio Lower Upper

146 100

111 39.3 21.1 63.1

148 63.7 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

