

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001081.D
 Acq On : 24 Apr 2018 17:12
 Operator : JC/MD
 Sample : J2377-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-180412

Quant Time: Apr 25 07:33:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352601	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163564	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	180539	54.71	ug/l	0.00
Spiked Amount			Recovery	=	109.42%	
35) Dibromofluoromethane	5.51	113	137674	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	8.72	98	529239	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.14	95	176701	42.35	ug/l	0.00
Spiked Amount			Recovery	=	84.70%	

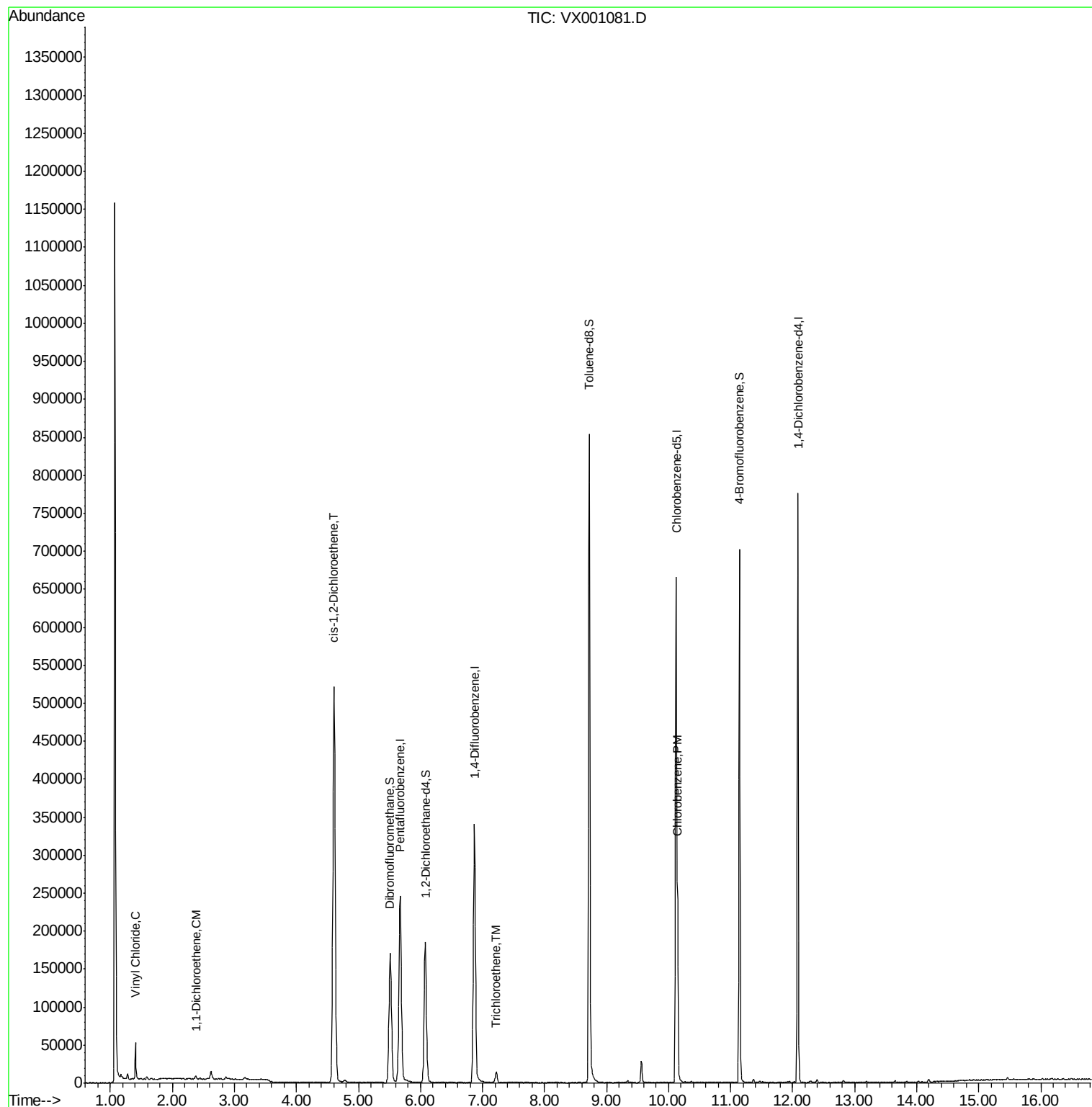
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	30345	9.74	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1434	0.57	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	329198	104.67	ug/l	89
44) Trichloroethene	7.22	130	5847	1.66	ug/l	94
65) Chlorobenzene	10.15	112	104074	12.75	ug/l	98

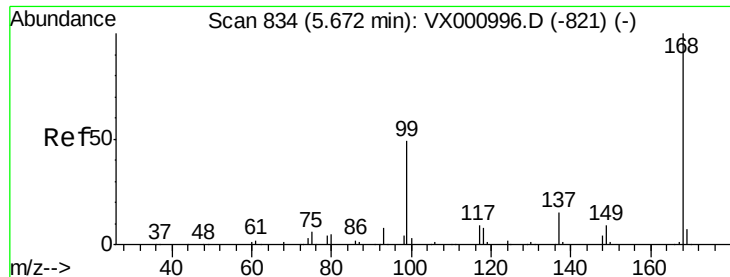
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001081.D

Acq: 24 Apr 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

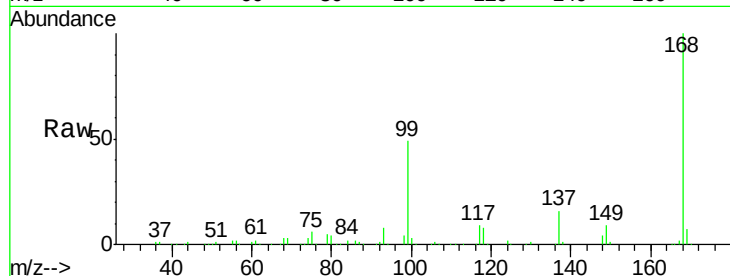
LF014RW131-180412

Tot Ion:168 Resp: 260311

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

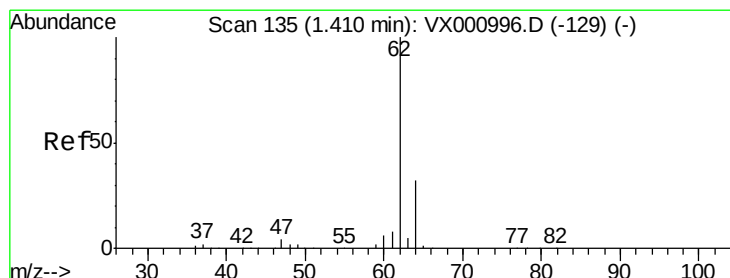
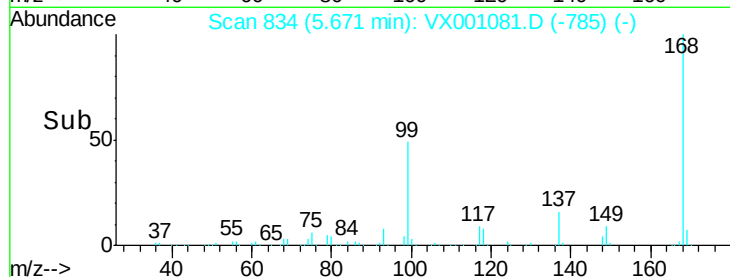
40000

20000

0

5.60 5.80

Time-->



#4

Vinyl Chloride

Concen: 9.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001081.D

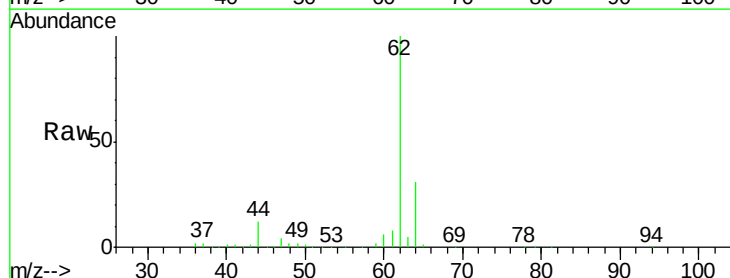
Acq: 24 Apr 2018 17:12

Tgt Ion: 62 Resp: 30345

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

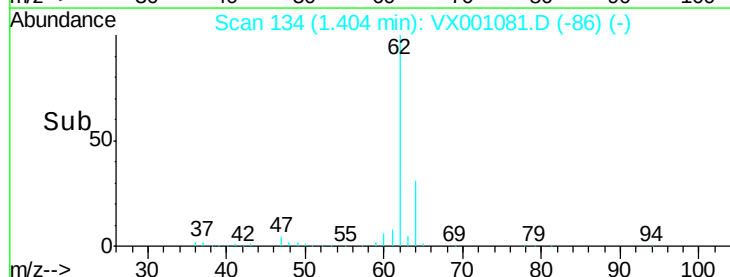
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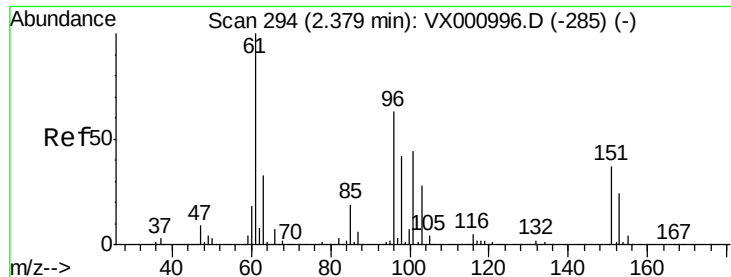
10000

0

1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 0.57 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001081.D

Acq: 24 Apr 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-180412

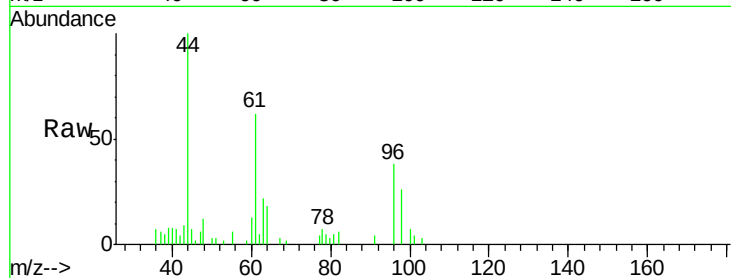
Tot Ion: 96 Resp: 1434

Ion Ratio Lower Upper

96 100

61 160.5 126.4 189.6

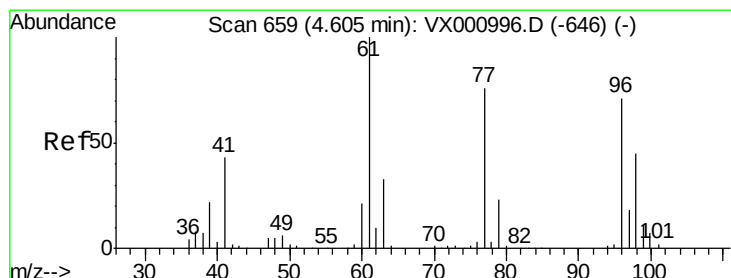
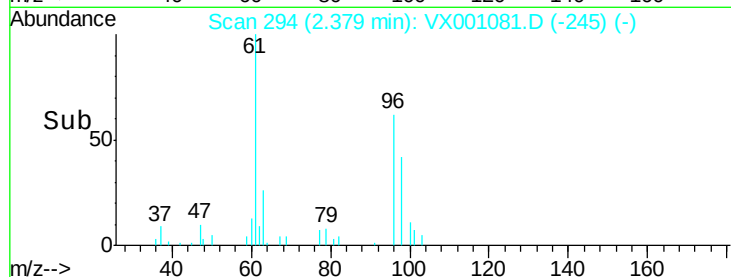
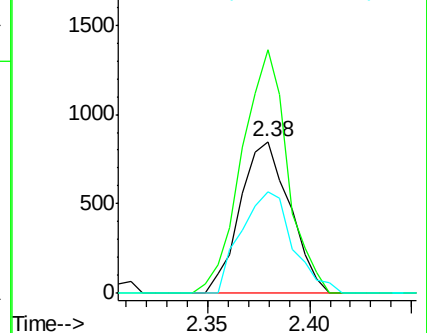
98 67.2 52.6 78.8



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



#27

cis-1,2-Dichloroethene

Concen: 104.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001081.D

Acq: 24 Apr 2018 17:12

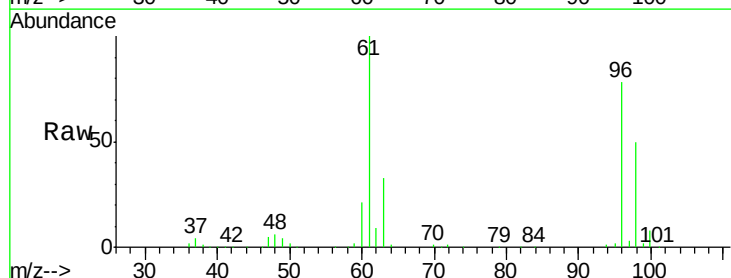
Tgt Ion: 96 Resp: 329198

Ion Ratio Lower Upper

96 100

61 128.3 0.0 297.0

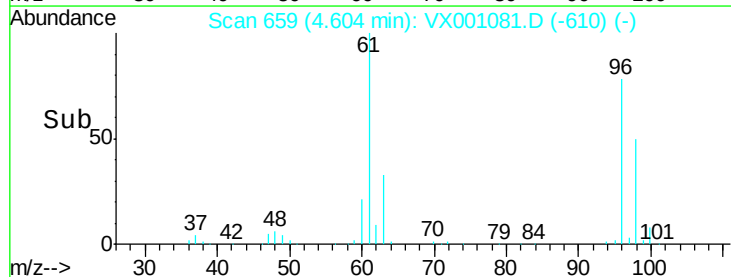
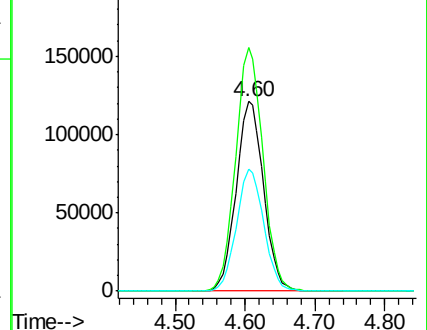
98 64.3 0.0 130.0

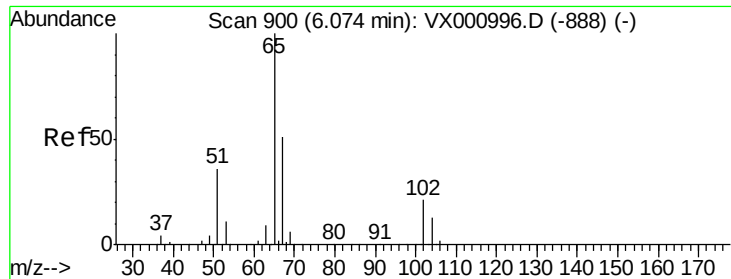


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

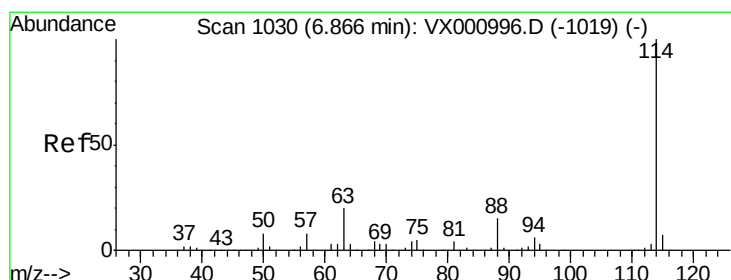
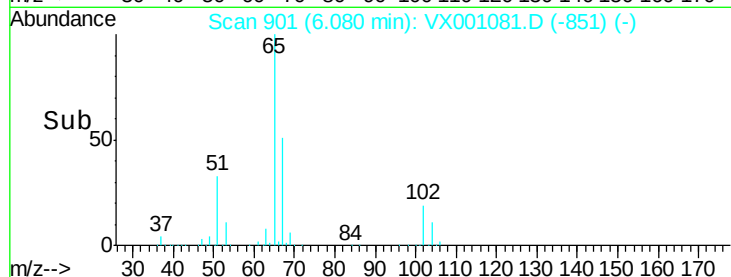
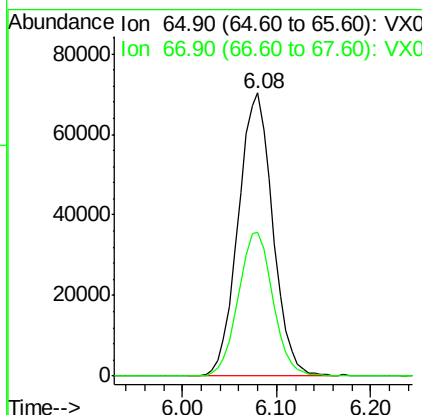
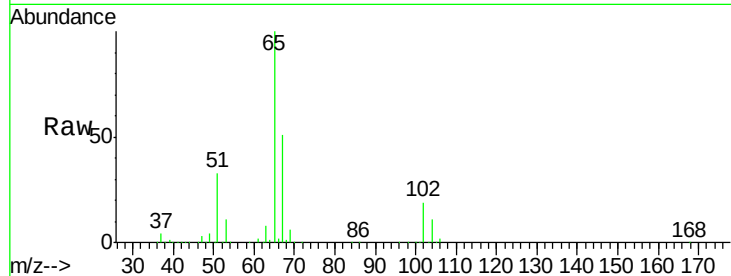




#33
 1,2-Dichloroethane-d4
 Concen: 54.71 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001081.D
 Acq: 24 Apr 2018 17:12

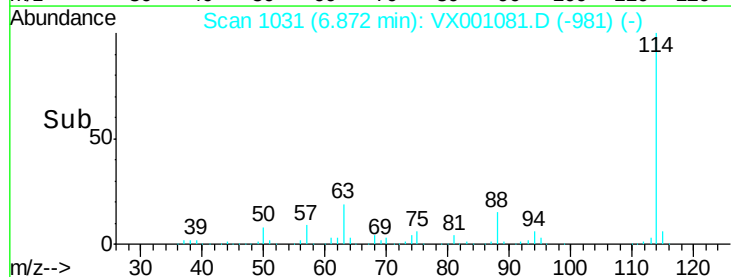
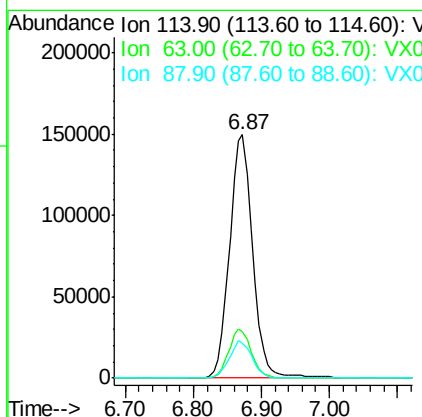
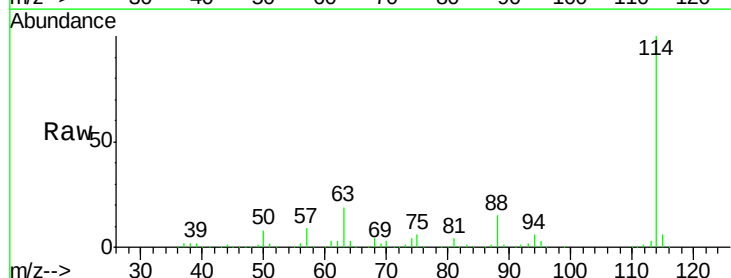
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-180412

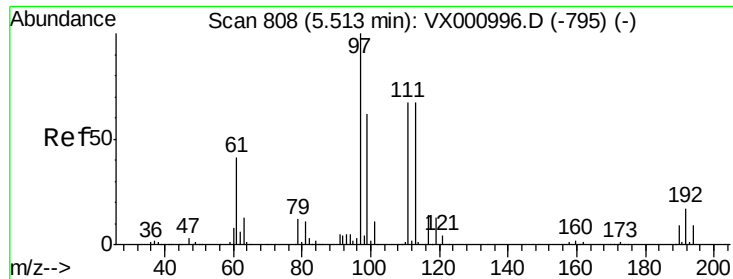
Tot Ion: 65 Resp: 180539
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001081.D
 Acq: 24 Apr 2018 17:12

Tgt Ion: 114 Resp: 352601
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 14.6 0.0 29.8

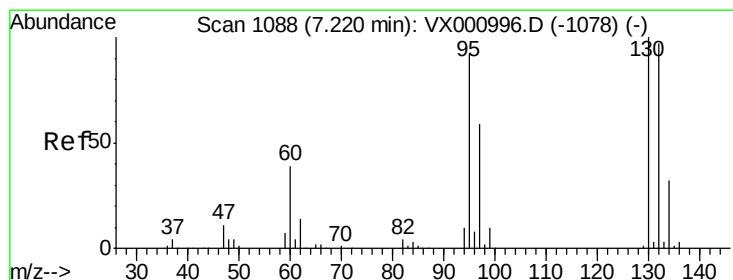
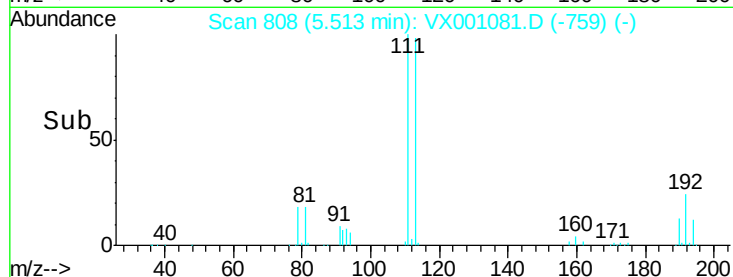
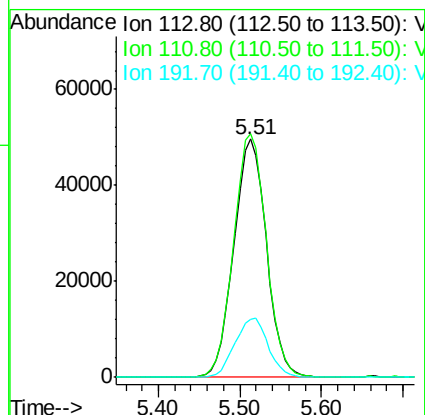
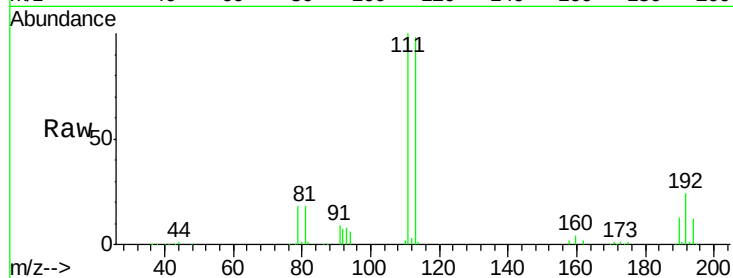




#35
 Dibromofluoromethane
 Concen: 51.20 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001081.D
 Acq: 24 Apr 2018 17:12

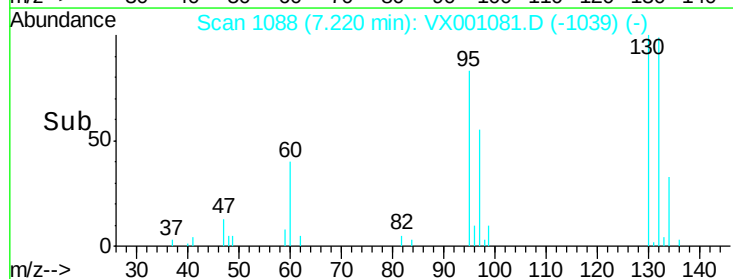
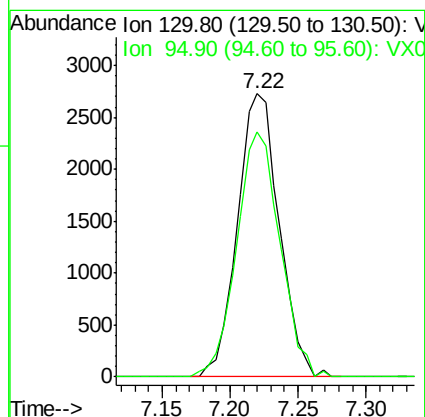
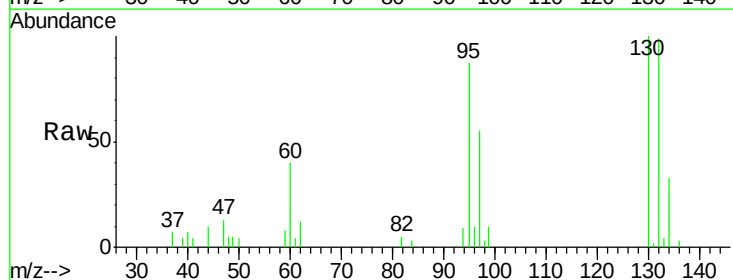
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-180412

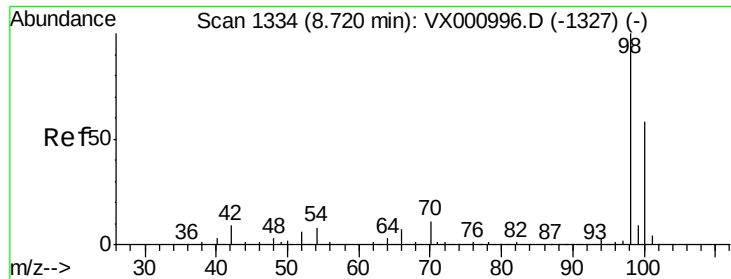
Tot Ion:113 Resp: 137674
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.2
 192 25.3 20.4 30.6



#44
 Trichloroethene
 Concen: 1.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001081.D
 Acq: 24 Apr 2018 17:12

Tgt Ion:130 Resp: 5847
 Ion Ratio Lower Upper
 130 100
 95 86.6 0.0 184.2





#50

Toluene-d8

Concen: 53.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001081.D

Acq: 24 Apr 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

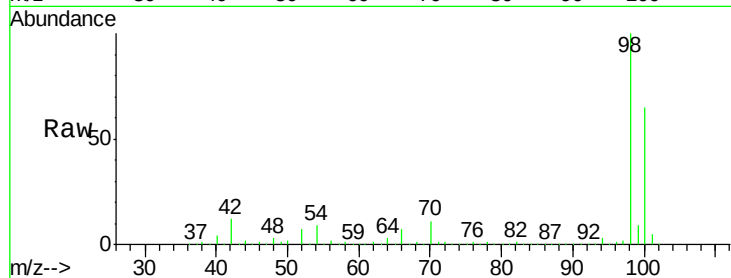
LF014RW131-180412

Tot Ion: 98 Resp: 529239

Ion Ratio Lower Upper

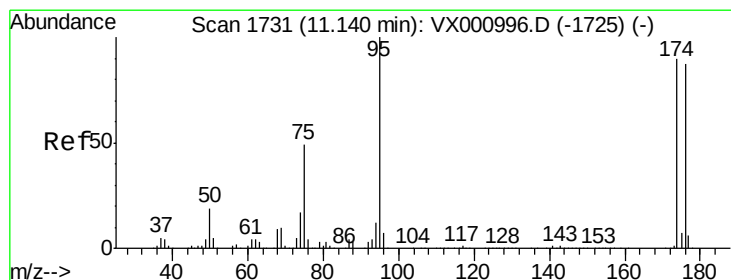
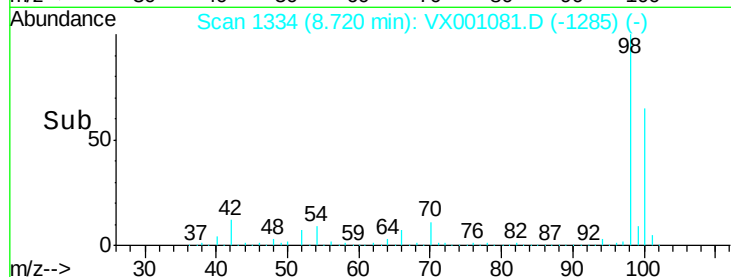
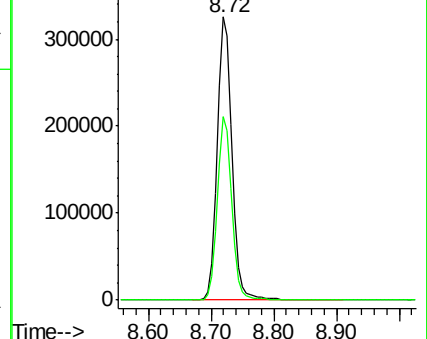
98 100

100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 42.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001081.D

Acq: 24 Apr 2018 17:12

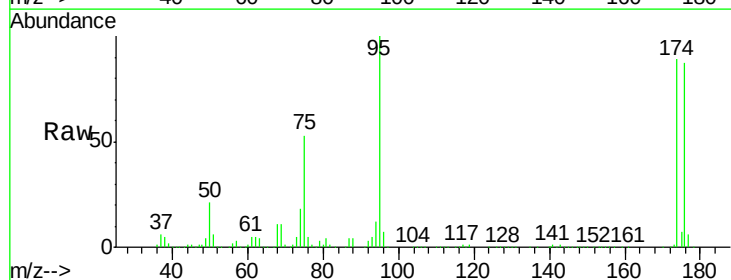
Tgt Ion: 95 Resp: 176701

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

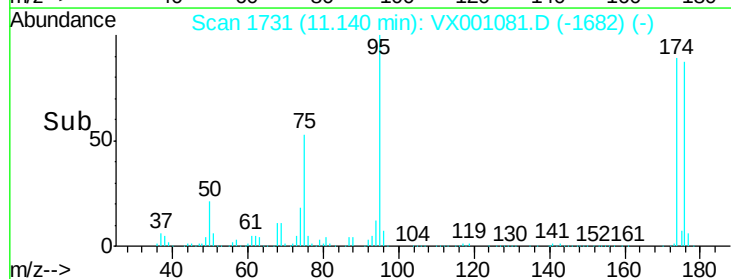
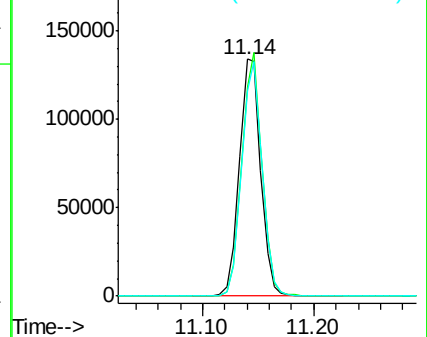
176 95.3 0.0 192.0

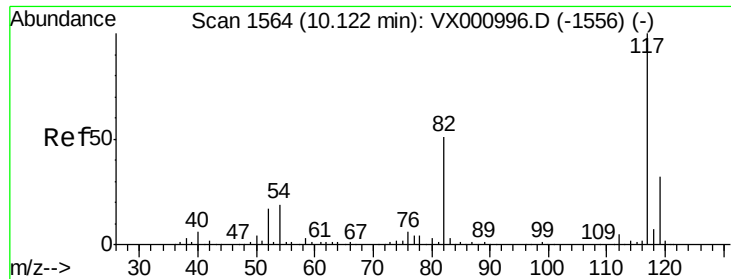


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

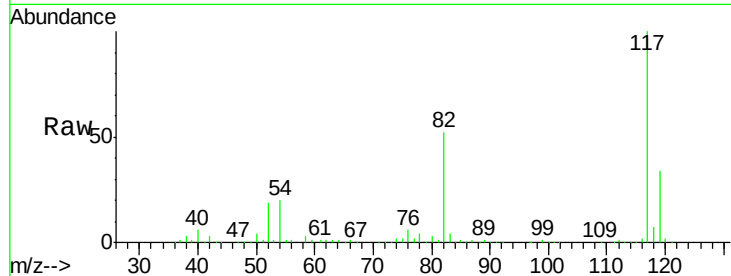




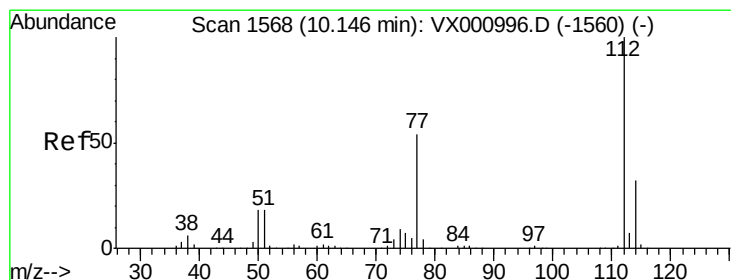
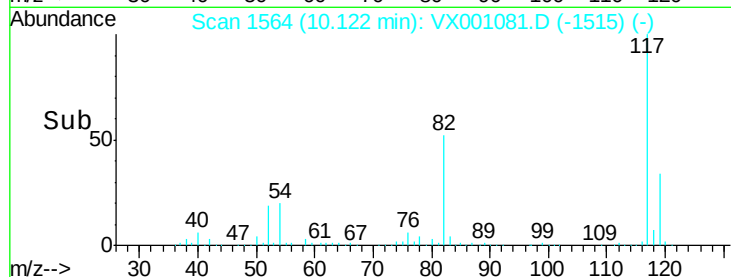
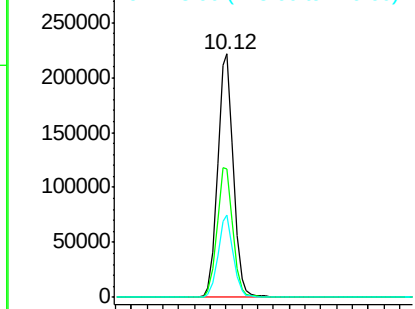
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001081.D
Acq: 24 Apr 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-180412

Tot Ion:117 Resp: 306433
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 33.6 26.0 39.0

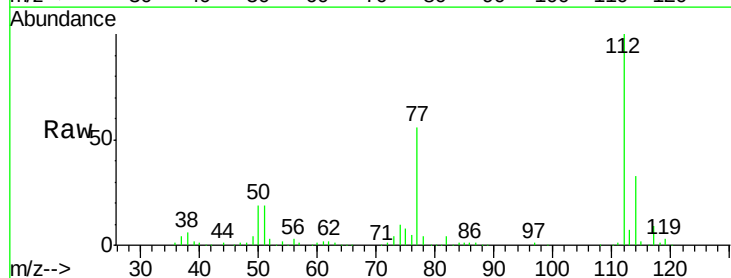


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

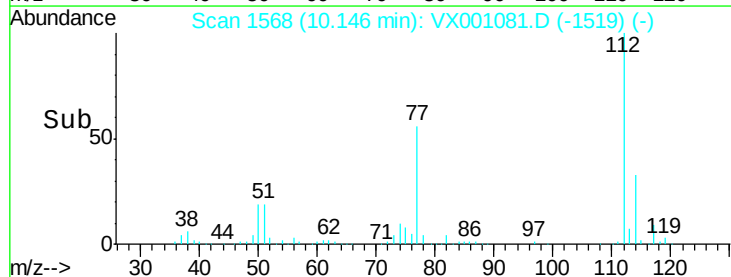
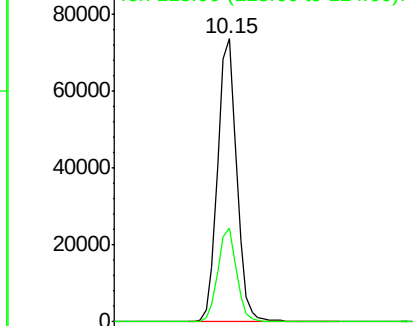


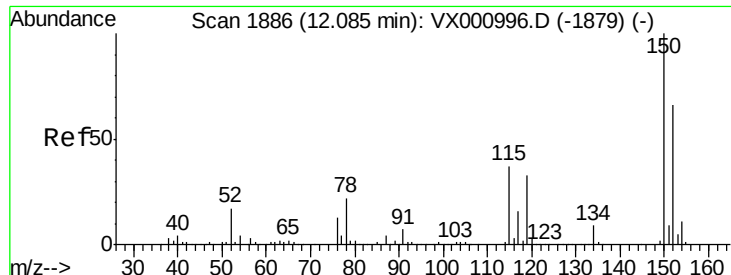
#65
Chlorobenzene
Concen: 12.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001081.D
Acq: 24 Apr 2018 17:12

Tgt Ion:112 Resp: 104074
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



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: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001081.D

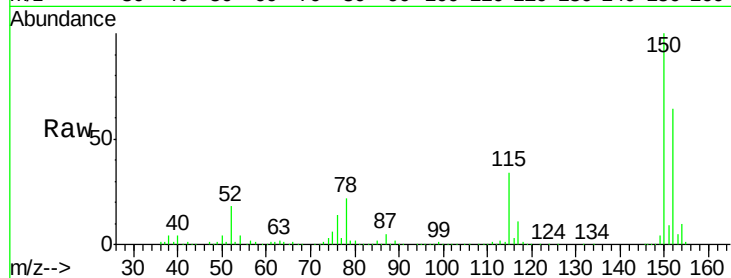
Acq: 24 Apr 2018 17:12

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-180412



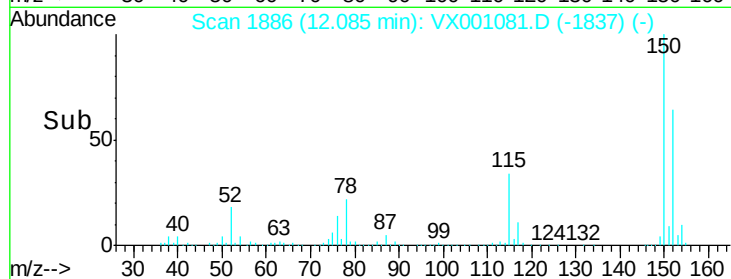
Tot Ion:152 Resp: 163564

Ion Ratio Lower Upper

152 100

115 53.5 38.2 114.6

150 155.5 0.0 350.4



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

